

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086416.D
 Acq On : 27 Apr 2016 11:25
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Manual Integrations
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Quant Time: Apr 27 12:51:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 12:41:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	125274	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	532383	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	267053	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	515758	20.00	ng	0.00
75) Chrysene-d12	13.96	240	380045	20.00	ng	0.00
86) Perylene-d12	15.36	264	315610	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	399720	55.10	ng	0.00
7) Phenol-d6	6.43	99	521502	52.88	ng	-0.01
23) Nitrobenzene-d5	7.37	82	508573	56.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	145893	60.35	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	900694	57.55	ng	0.00
78) Terphenyl-d14	12.91	244	935901	61.19	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.36	88	95040	23.69	ng	# 78
3) Pyridine	3.06	79	246515	25.79	ng	# 72
4) n-Nitrosodimethylamine	3.00	42	131926	38.67	ng	# 59
6) Aniline	6.46	93	329163	27.35	ng	91
8) 2-Chlorophenol	6.58	128	228757	25.83	ng	# 81
9) Benzaldehyde	6.35	77	166119	27.73	ng	90
10) Phenol	6.44	94	281820	24.20	ng	83
11) bis(2-Chloroethyl)ether	6.54	93	247933	24.46	ng	99
12) 1,3-Dichlorobenzene	6.74	146	248125m	26.27	ng	
13) 1,4-Dichlorobenzene	6.82	146	260745	25.13	ng	95
14) 1,2-Dichlorobenzene	6.98	146	242960	25.77	ng	95
15) Benzyl Alcohol	6.94	79	171015	29.22	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.08	45	524377	39.46	ng	89
17) 2-Methylphenol	7.06	107	183503	25.29	ng	94
18) Hexachloroethane	7.32	117	95073	27.20	ng	# 77
19) n-Nitroso-di-n-propylamine	7.22	70	168437	28.58	ng	# 72
20) 3+4-Methylphenols	7.22	107	225386	29.30	ng	95
22) Acetophenone	7.22	105	316391	28.33	ng	# 93
24) Nitrobenzene	7.39	77	285605	29.63	ng	94
25) Isophorone	7.63	82	499392	28.35	ng	98
26) 2-Nitrophenol	7.71	139	121385	25.49	ng	97
27) 2,4-Dimethylphenol	7.74	122	204490	25.07	ng	92
28) bis(2-Chloroethoxy)methane	7.85	93	288339	29.32	ng	99
29) 2,4-Dichlorophenol	7.95	162	190456	28.25	ng	95
30) 1,2,4-Trichlorobenzene	8.03	180	205571	28.07	ng	96
31) Naphthalene	8.11	128	724774	26.72	ng	99
32) Benzoic acid	7.86	122	87084	16.70	ng	92
33) 4-Chloroaniline	8.17	127	277753	26.29	ng	99
34) Hexachlorobutadiene	8.24	225	120722	33.01	ng	98
35) Caprolactam	8.52	113	59369	24.54	ng	# 56
36) 4-Chloro-3-methylphenol	8.65	107	221927	27.70	ng	99
37) 2-Methylnaphthalene	8.81	142	432616	27.66	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	191287	27.69	ng	98
40) Hexachlorocyclopentadiene	8.96	237	92701	27.47	ng	97

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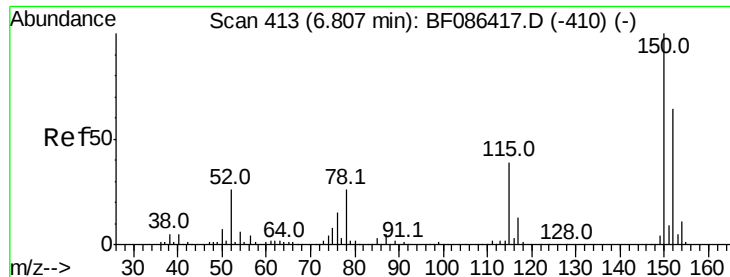
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	130768	28.87	nq	93
43) 2,4,5-Trichlorophenol	9.12	196	129658	23.25	nq #	86
45) 1,1'-Biphenyl	9.26	154	561486	27.10	nq	97
46) 2-Chloronaphthalene	9.29	162	423254	25.81	nq	94
47) 2-Nitroaniline	9.39	65	143845	28.17	nq	98
48) Acenaphthylene	9.70	152	668285	25.13	nq	98
49) Dimethylphthalate	9.57	163	536312	27.80	nq	99
50) 2,6-Dinitrotoluene	9.63	165	115067	27.61	nq	97
51) Acenaphthene	9.88	154	431731	26.43	nq	98
52) 3-Nitroaniline	9.80	138	125750	24.10	nq	97
53) 2,4-Dinitrophenol	9.90	184	42778	19.74	nq	100
54) Dibenzofuran	10.05	168	545945	26.03	nq	94
55) 4-Nitrophenol	9.96	139	75850	20.78	nq	86
56) 2,4-Dinitrotoluene	10.03	165	141340	25.54	nq	94
57) Fluorene	10.38	166	445219	25.90	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	111582m	27.37	nq	
59) Diethylphthalate	10.27	149	511075	27.66	nq	96
60) 4-Chlorophenyl-phenylether	10.38	204	229737	30.56	nq	87
61) 4-Nitroaniline	10.41	138	125680	23.54	nq	84
62) Azobenzene	10.54	77	557031	29.08	nq	91
64) 4,6-Dinitro-2-methylphenol	10.44	198	71119	22.57	nq	92
65) n-Nitrosodiphenylamine	10.50	169	389196	24.47	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	135124	26.76	nq #	80
67) Hexachlorobenzene	10.93	284	149640	27.77	nq #	78
68) Atrazine	11.02	200	122489	24.95	nq	93
69) Pentachlorophenol	11.13	266	79455	25.11	nq	100
70) Phenanthrene	11.34	178	655550	25.30	nq	100
71) Anthracene	11.40	178	760750	25.62	nq	99
72) Carbazole	11.55	167	631802	22.65	nq	99
73) Di-n-butylphthalate	11.89	149	800535	27.29	nq	99
74) Fluoranthene	12.53	202	738982	26.44	nq	93
76) Benzidine	12.66	184	374009	24.00	nq	96
77) Pyrene	12.76	202	732264	27.63	nq	99
79) Butylbenzylphthalate	13.38	149	303396	24.57	nq #	72
80) Benzo(a)anthracene	13.94	228	522120	26.46	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	393426	28.91	nq #	96
82) Chrysene	13.99	228	611587	27.51	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	387548	28.03	nq #	94
84) Di-n-octyl phthalate	14.56	149	648297	24.42	nq #	89
85) Indeno(1,2,3-cd)pyrene	16.72	276	406273	20.56	nq	97
87) Benzo(b)fluoranthene	14.96	252	559687m	32.31	nq	
88) Benzo(k)fluoranthene	14.99	252	422815m	24.87	nq	
89) Benzo(a)pyrene	15.30	252	443450	25.95	nq	98
90) Dibenzo(a,h)anthracene	16.73	278	337045	23.91	nq	97
91) Benzo(g,h,i)perylene	17.12	276	322968	22.19	nq	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

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SSTDIC025

Tot Ion:152 Resp: 125274

Ion Ratio Lower Upper

152 100

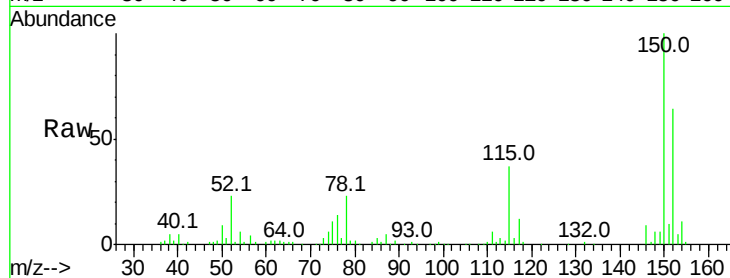
150 156.9 125.8 188.6

115 57.6 51.5 77.3

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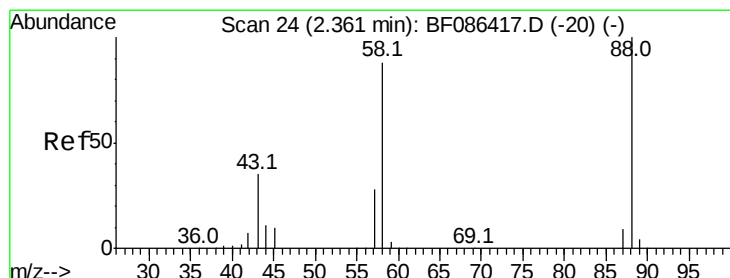
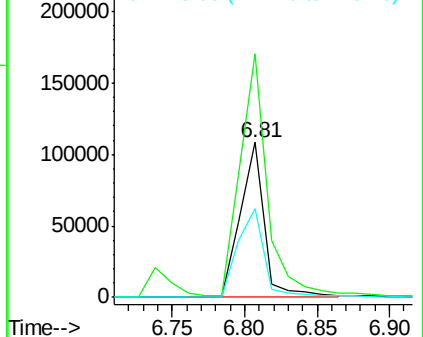
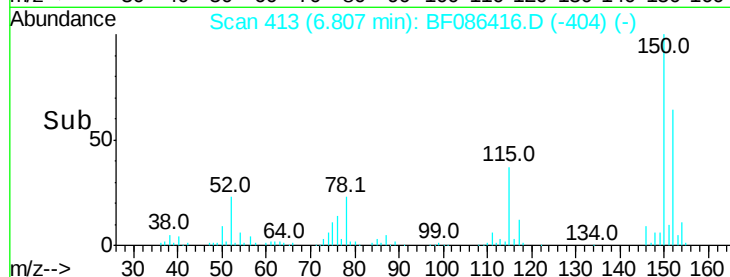
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 23.69 ng

RT: 2.36 min Scan# 24

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

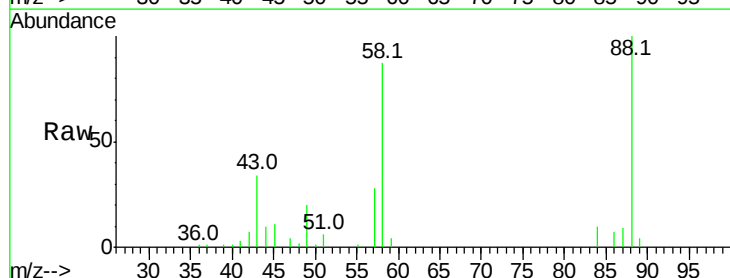
Tgt Ion: 88 Resp: 95040

Ion Ratio Lower Upper

88 100

58 93.1 59.6 89.4#

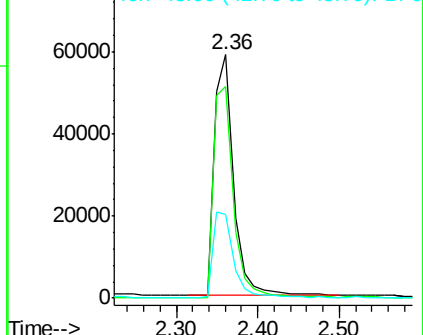
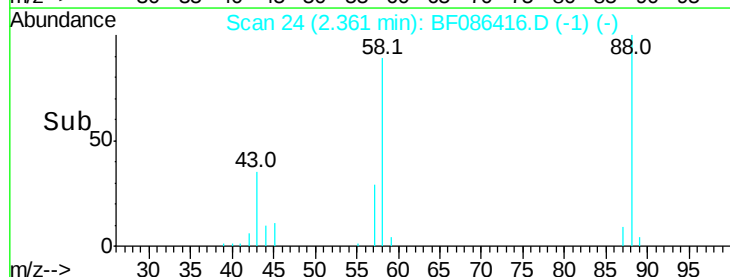
43 39.0 21.8 32.6#

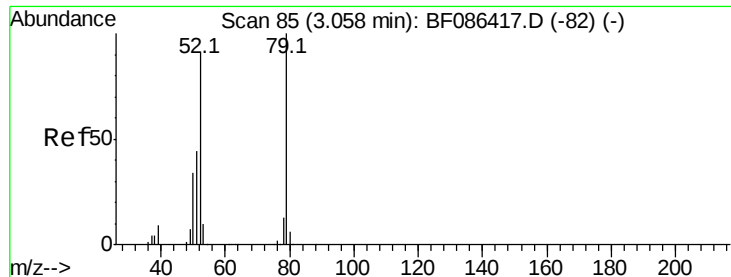


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 25.79 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

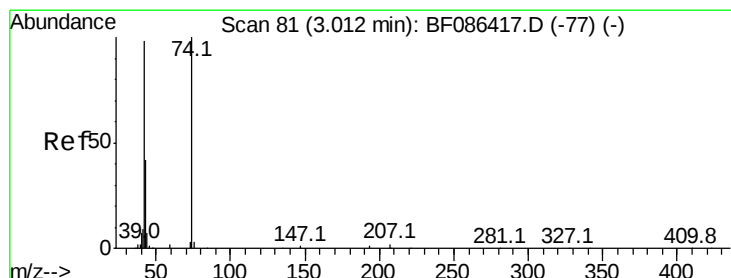
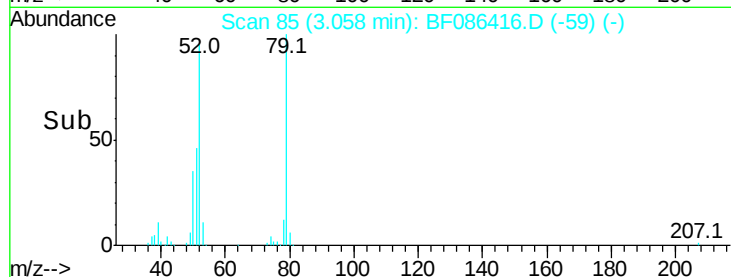
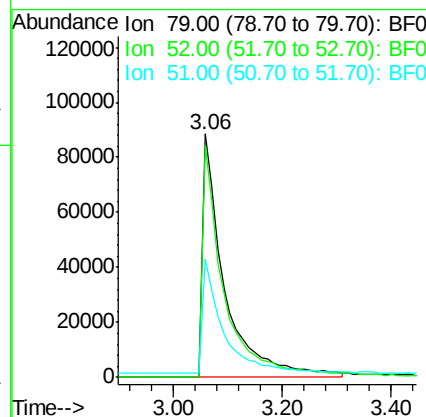
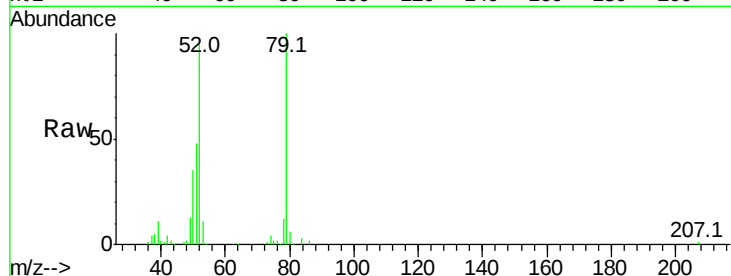
ClientSampleId :

SSTDIC025

Tot Ion:	79	Resp:	246515
Ion Ratio	Lower	Upper	
79	100		
52	95.5	55.9	83.9#
51	48.4	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 38.67 ng

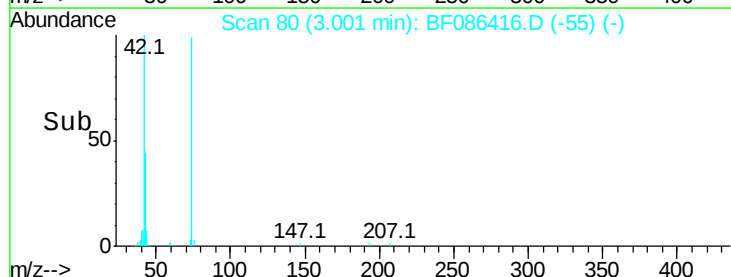
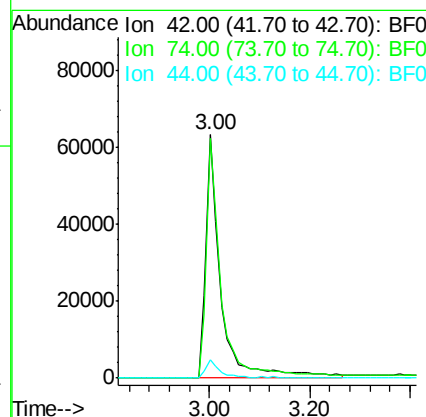
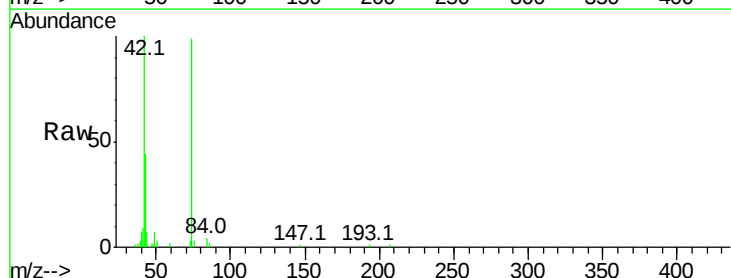
RT: 3.00 min Scan# 80

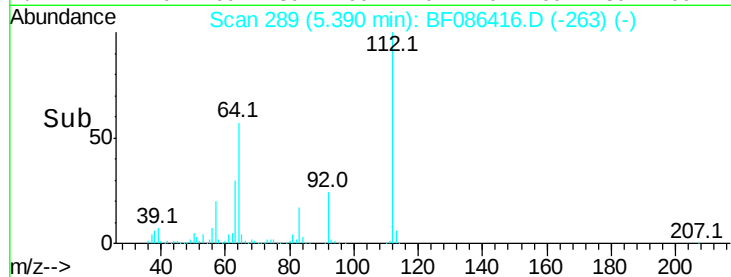
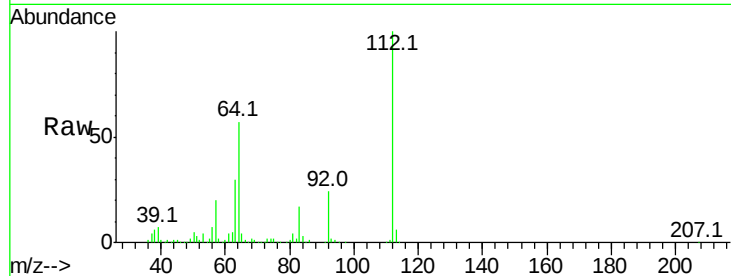
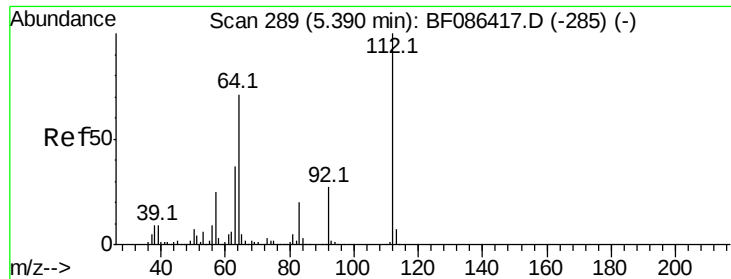
Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Tgt Ion:	42	Resp:	131926
Ion Ratio	Lower	Upper	
42	100		
74	98.6	123.4	185.0#
44	7.3	5.8	8.6





#5

2-Fluorophenol

Concen: 55.10 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

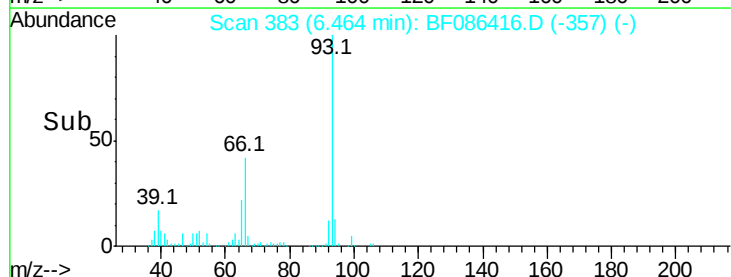
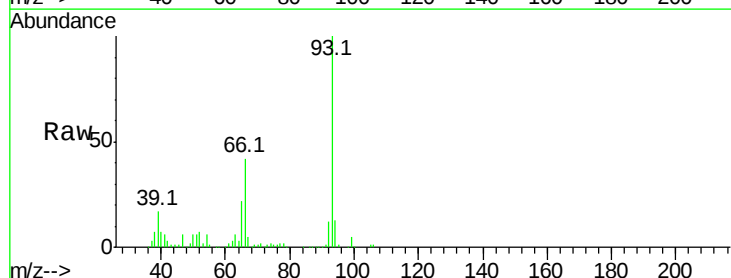
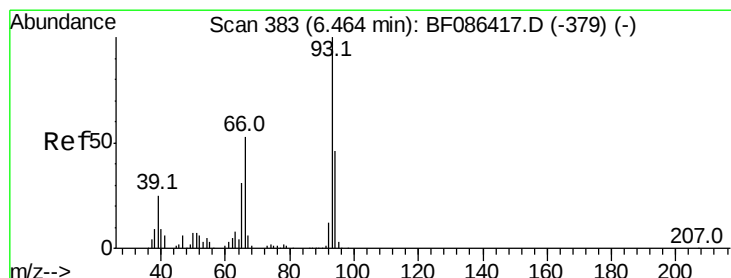
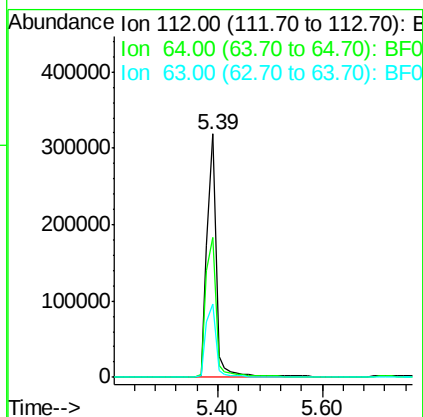
ClientSampleId :

SSTDIC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		399720		
64	57.4	52.1	78.1		
63	29.9	25.7	38.5		

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4/28/2016 1:39:53 PM



#6

Aniline

Concen: 27.35 ng

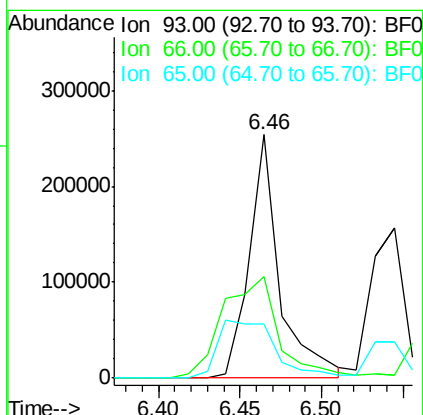
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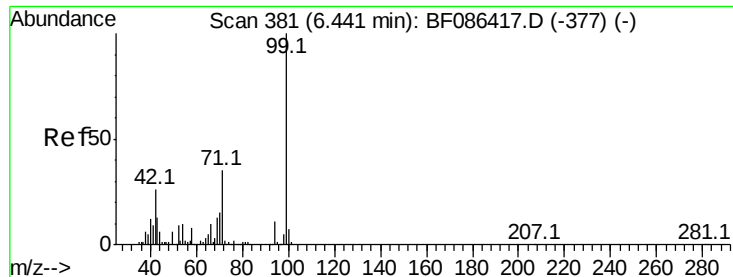
Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		329163		
66	41.8	39.0	58.6		
65	22.1	20.6	31.0		





#7

Phenol-d6

Concen: 52.88 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086416.D

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Instrument :

BNA_F

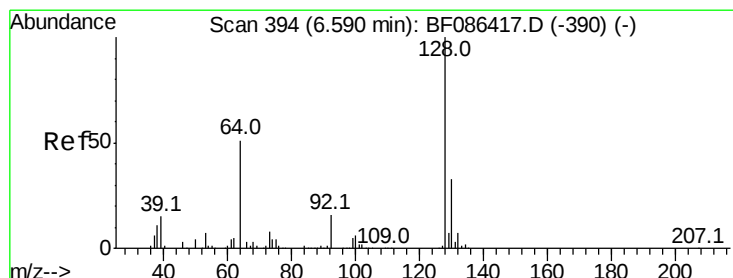
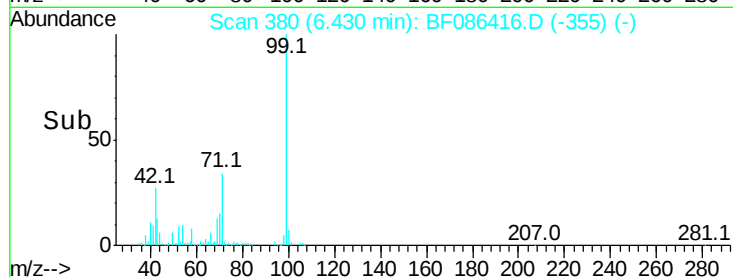
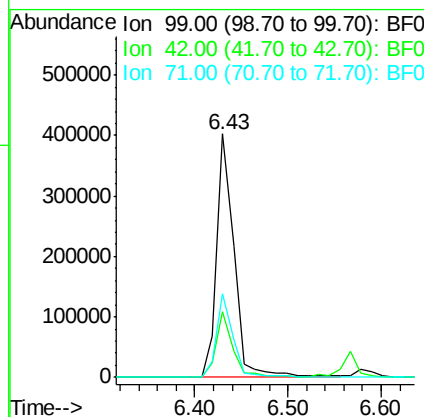
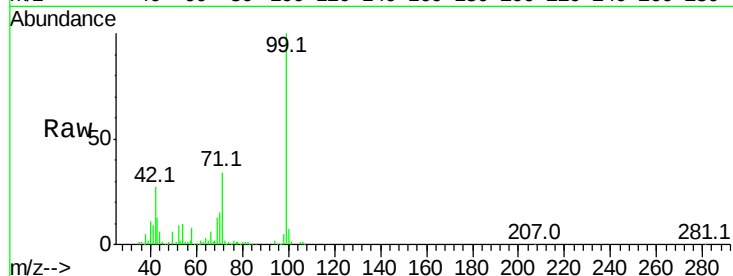
ClientSampleId :

SSTDIC025

Tot Ion:	99	Resp:	521502
Ion Ratio	Lower	Upper	
99	100		
42	26.8	13.6	20.4#
71	34.2	24.6	36.8

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#8

2-Chlorophenol

Concen: 25.83 ng

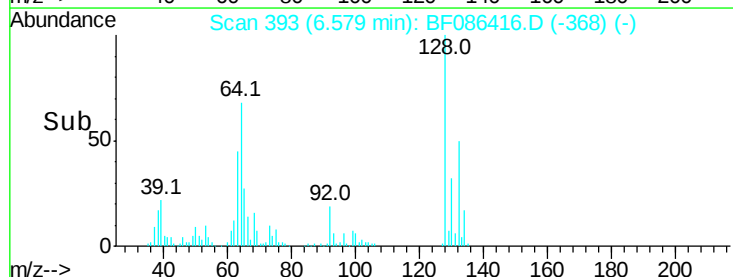
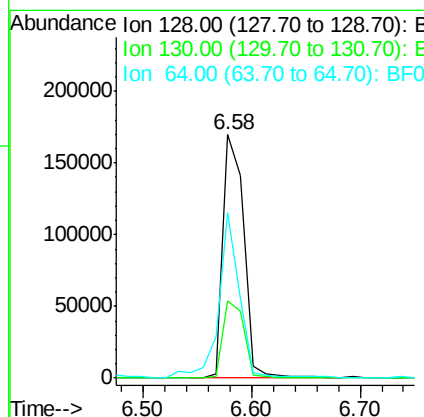
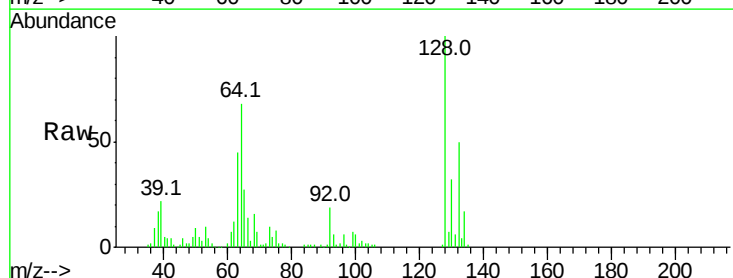
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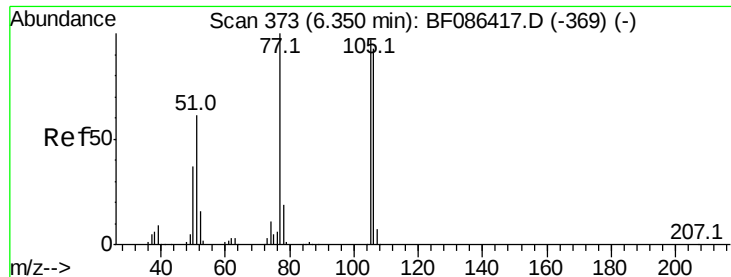
Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Tgt Ion:	128	Resp:	228757
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.5	52.5
64	68.0	27.3	67.3#





#9

Benzaldehyde

Concen: 27.73 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF086416.D

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Instrument :

BNA_F

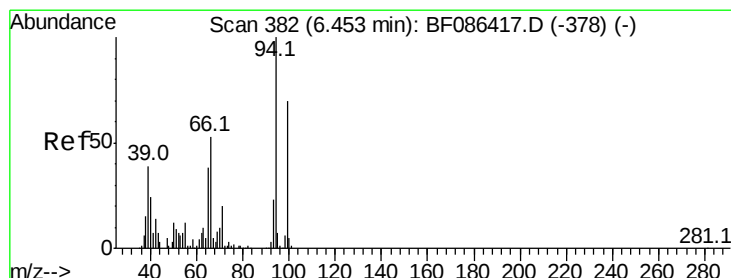
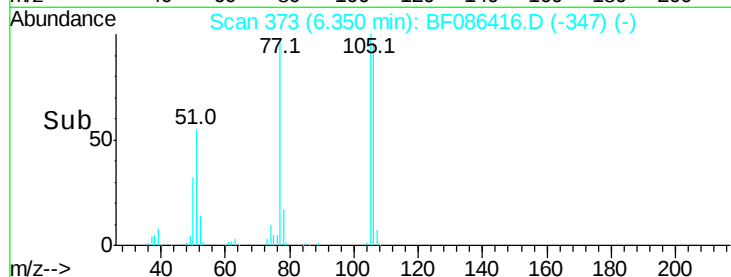
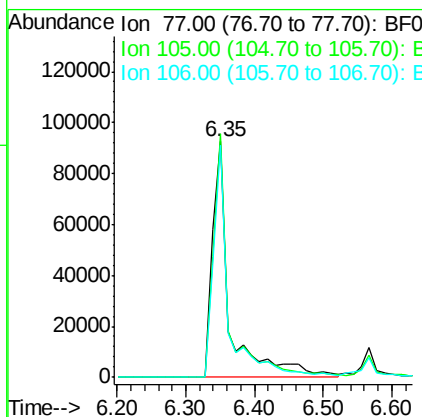
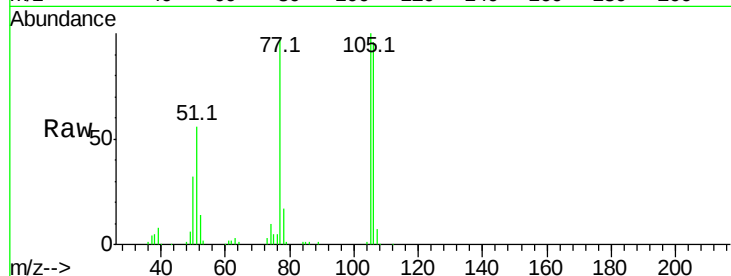
ClientSampleId :

SSTDIC025

Manual Integrations
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Tot Ion:	77	Resp:	166119
Ion	Ratio	Lower	Upper
77	100		
105	103.4	72.7	112.7
106	98.8	70.8	110.8



#10

Phenol

Concen: 24.20 ng

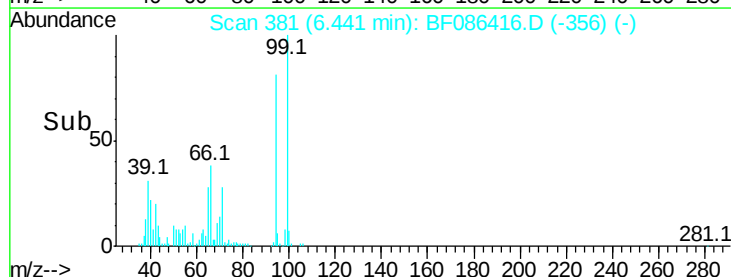
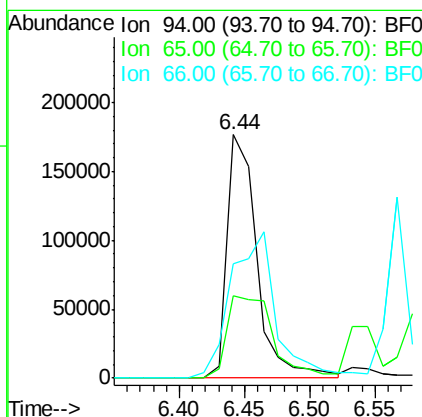
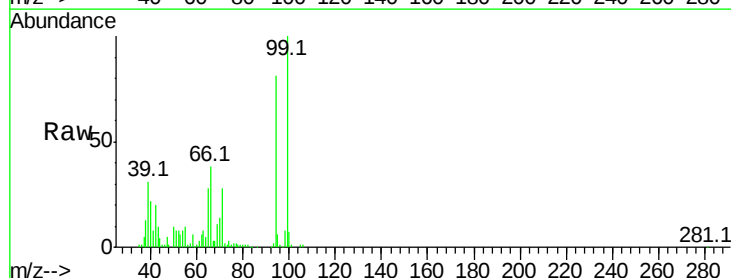
RT: 6.44 min Scan# 381

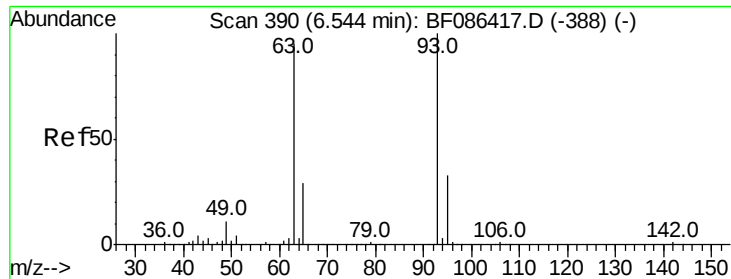
Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Tgt Ion:	94	Resp:	281820
Ion	Ratio	Lower	Upper
94	100		
65	34.0	7.2	47.2
66	47.0	14.9	54.9





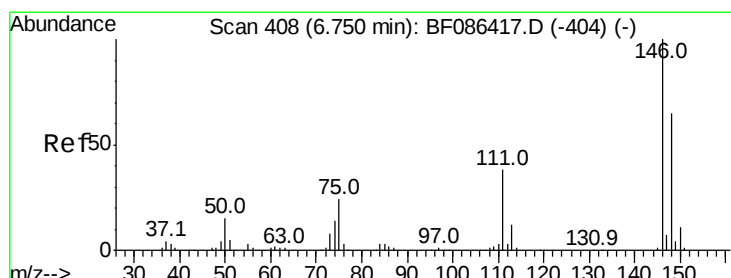
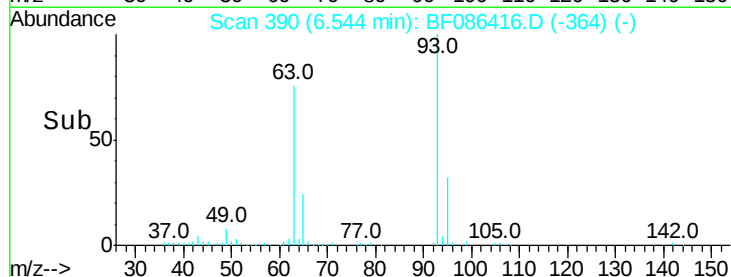
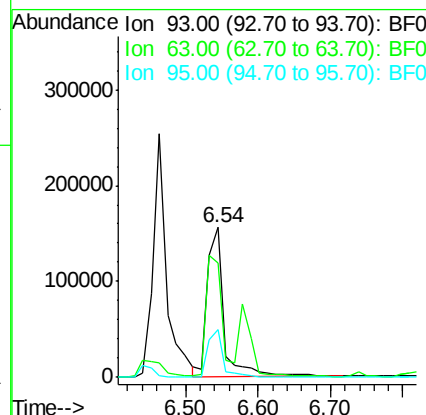
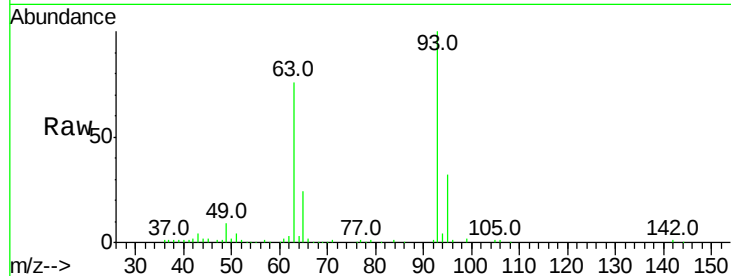
#11
bis(2-Chloroethyl)ether
Concen: 24.46 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
93	100	247933		
63	76.3	58.0	98.0	
95	31.7	11.9	51.9	

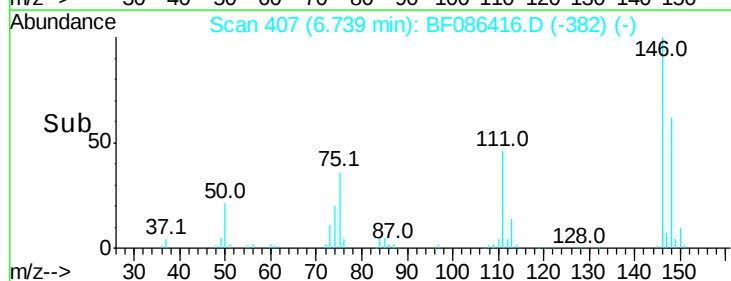
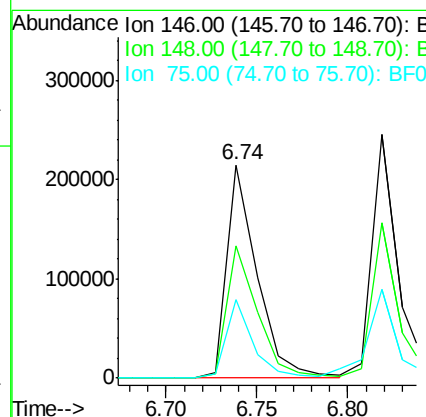
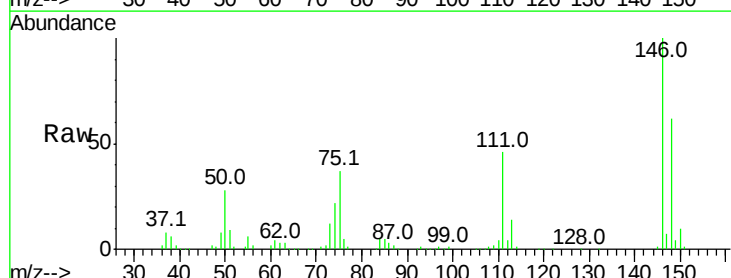
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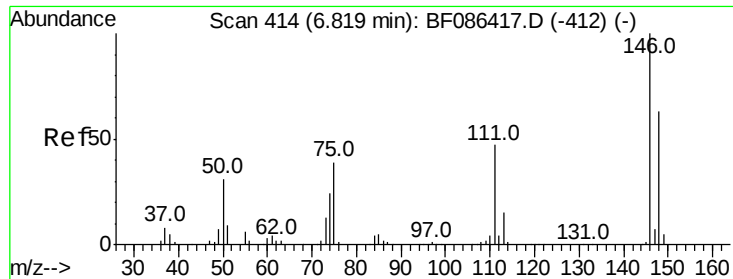
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#12
1,3-Dichlorobenzene
Concen: 26.27 ng m
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	248125		
148	62.1	52.4	78.6	
75	37.1	22.8	34.2	





#13

1,4-Dichlorobenzene

Concen: 25.13 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

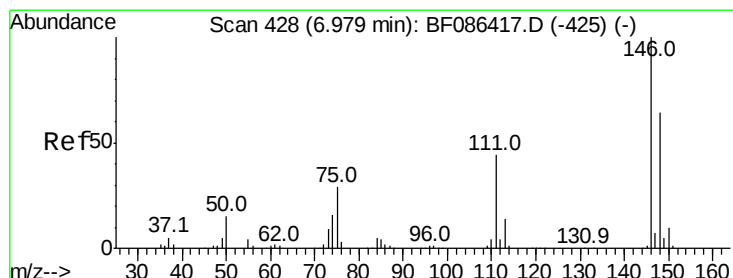
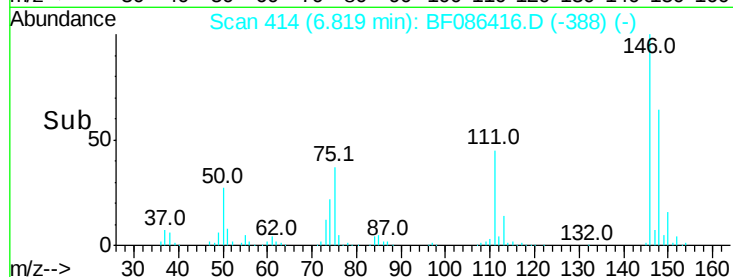
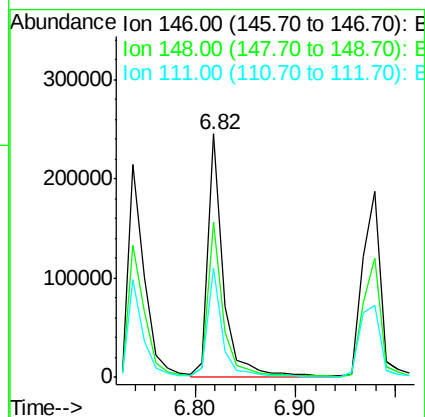
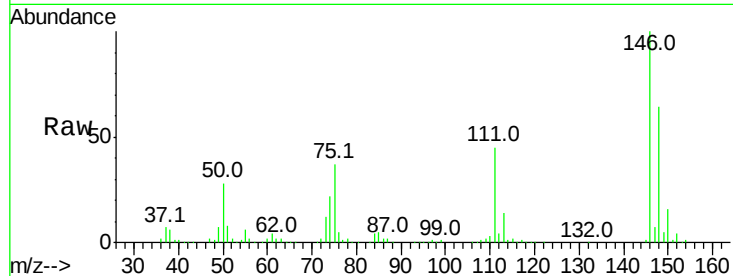
ClientSampleId :

SSTDICC025

Tot Ion:	146	Resp:	260745
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.2	78.4
111	45.0	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 25.77 ng

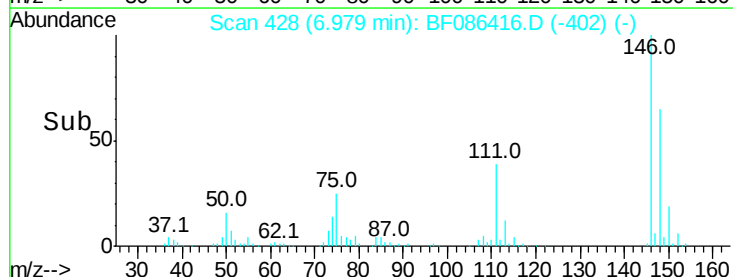
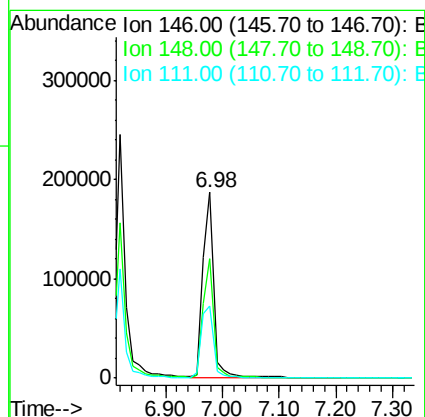
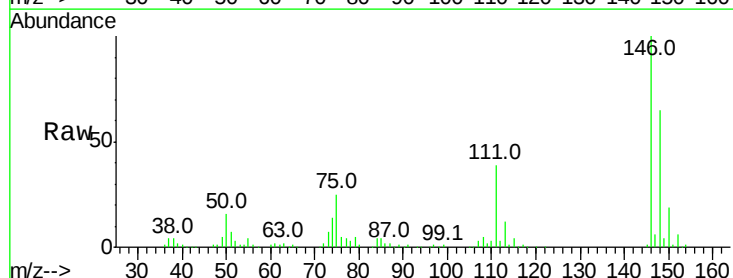
RT: 6.98 min Scan# 428

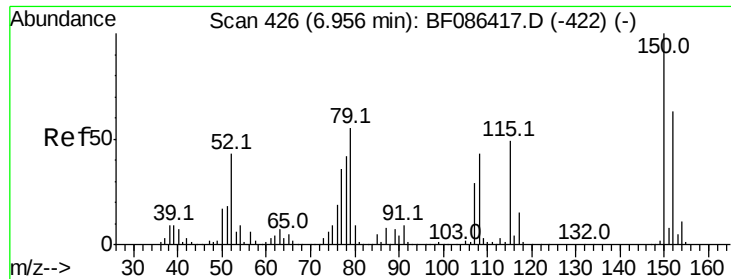
Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Tgt Ion:	146	Resp:	242960
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.0	76.6
111	38.9	36.2	54.4





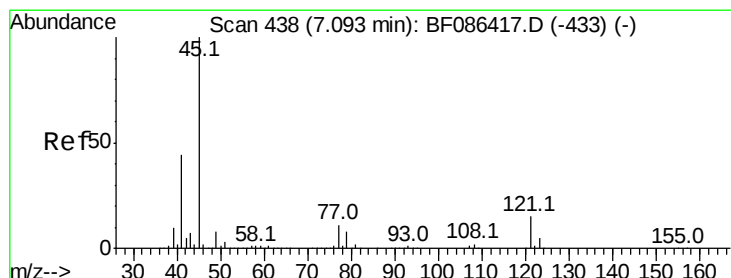
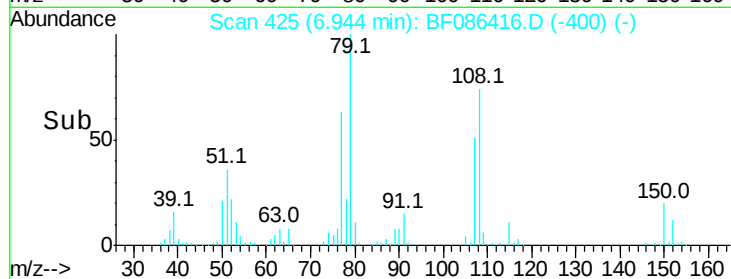
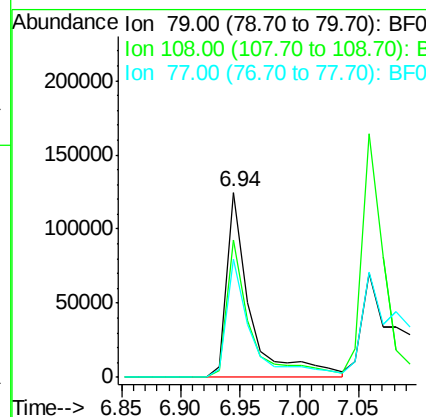
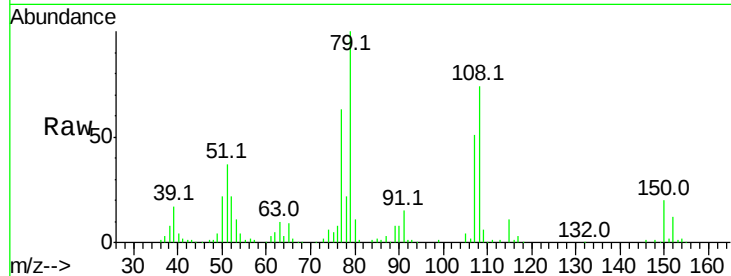
#15
Benzyl Alcohol
Concen: 29.22 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.2	68.4	102.6
77	63.5	50.6	76.0

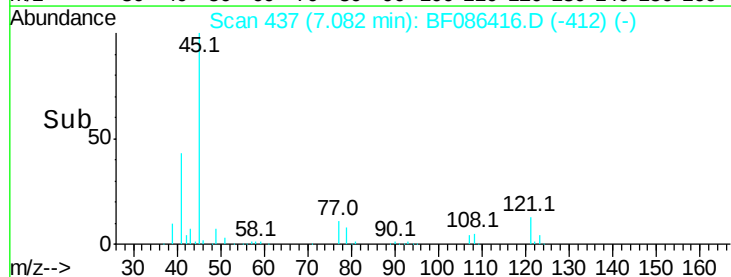
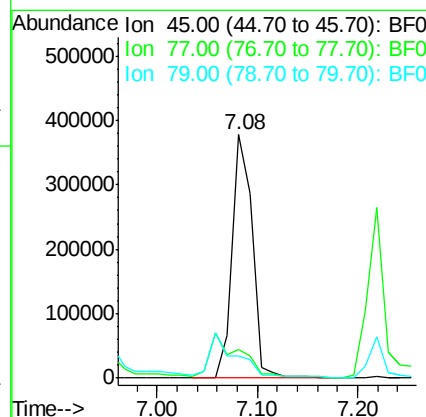
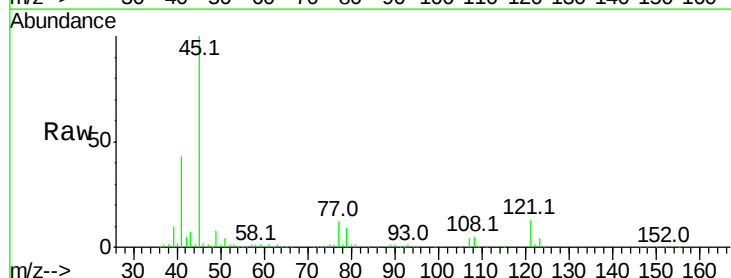
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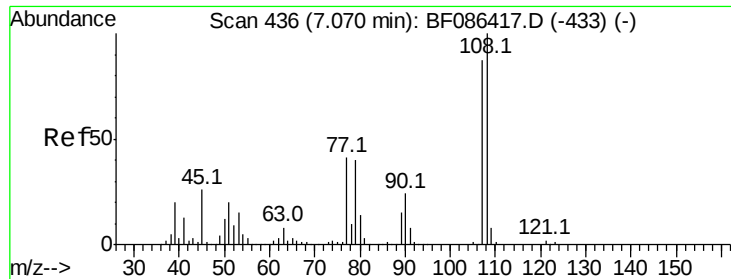
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.46 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	36.4
79	9.0	0.0	33.4





#17

2-Methylphenol

Concen: 25.29 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

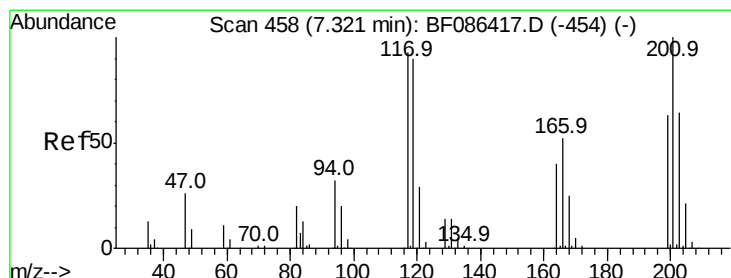
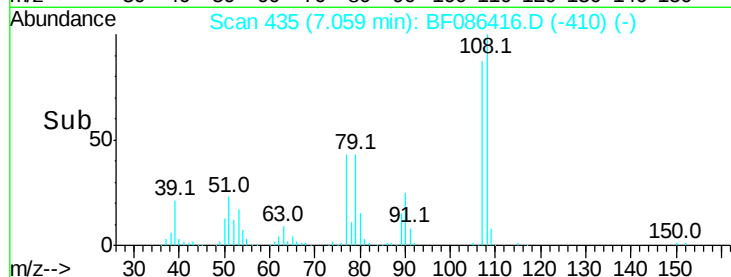
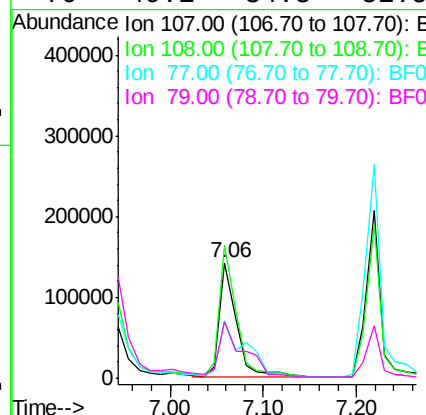
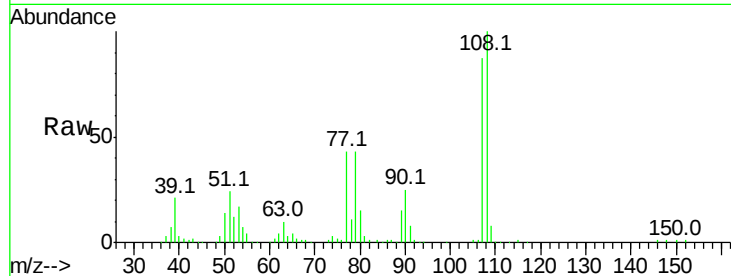
ClientSampleId :

SSTDIC025

Tot Ion	107	Resp	183503
Ion Ratio	Lower	Upper	
107	100		
108	114.6	93.7	140.5
77	49.6	33.4	50.0
79	49.1	34.3	51.5

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#18

Hexachloroethane

Concen: 27.20 ng

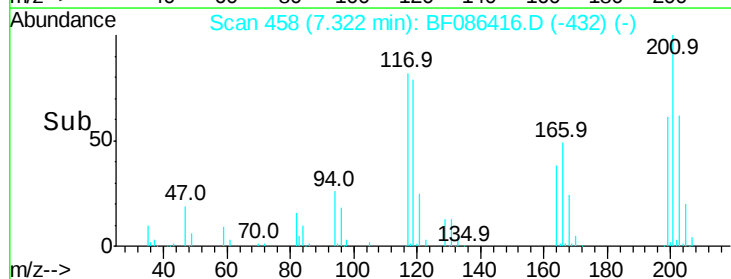
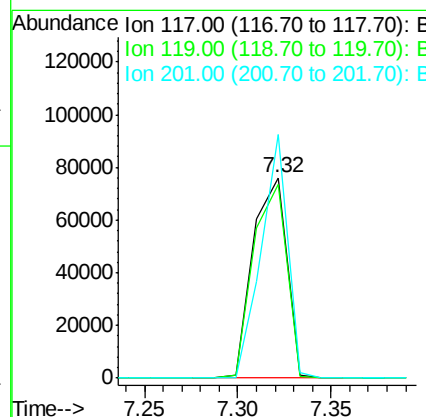
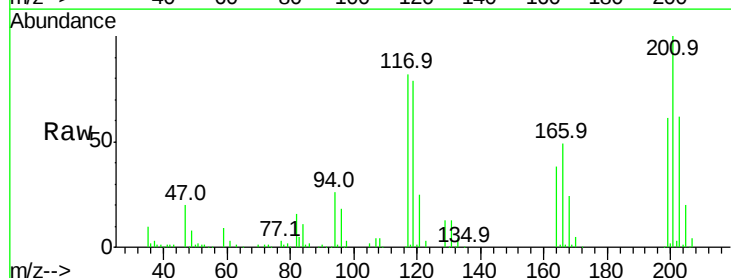
RT: 7.32 min Scan# 458

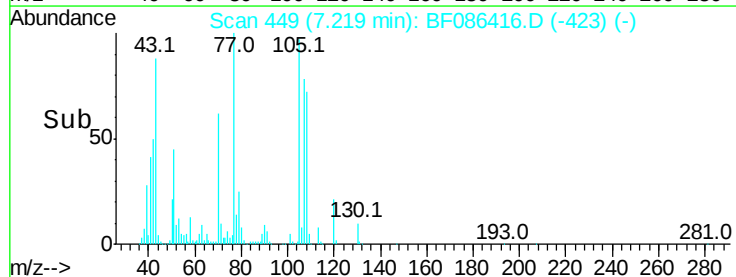
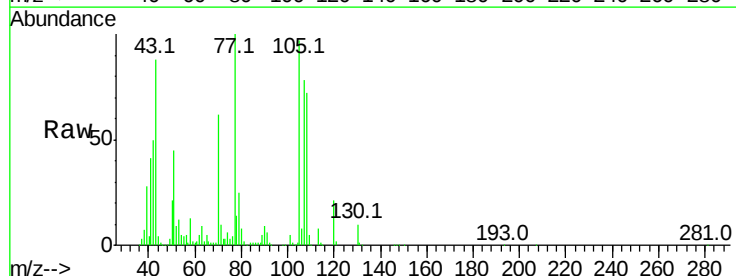
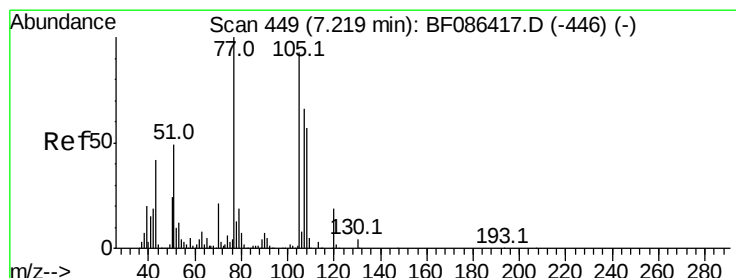
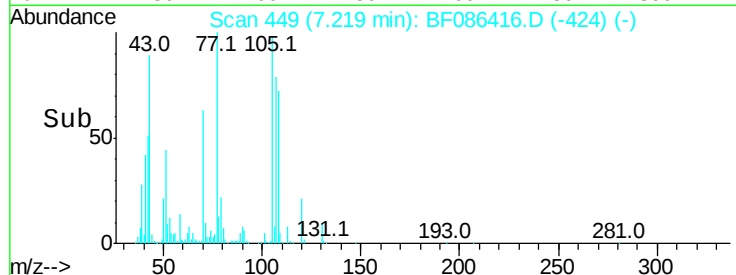
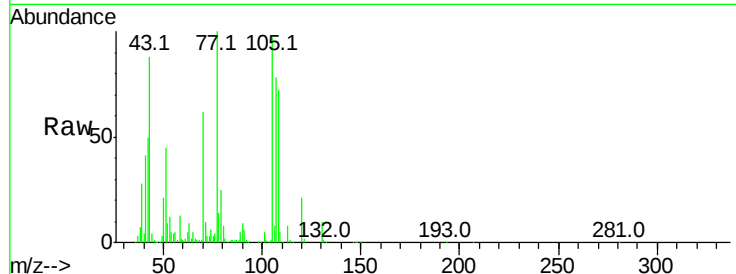
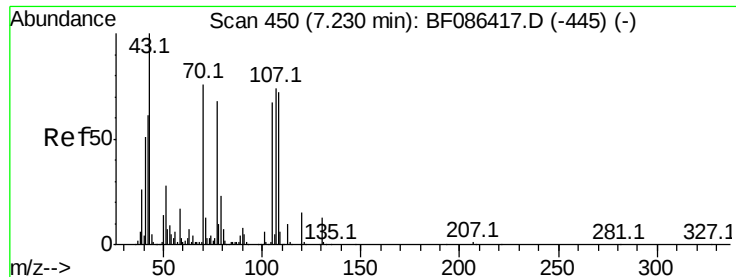
Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Tgt Ion	117	Resp	95073
Ion Ratio	Lower	Upper	
117	100		
119	96.6	76.5	114.7
201	121.6	63.0	94.6#





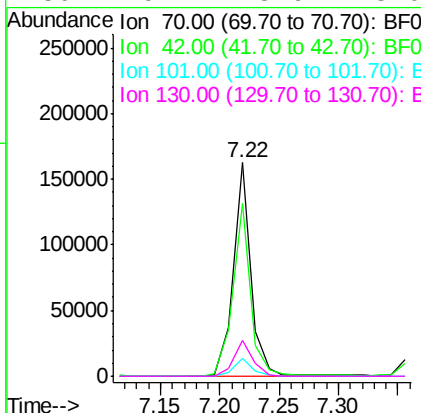
#19
n-Nitroso-di-n-propylamine
Concen: 28.58 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	81.1	43.1	64.7#		
101	8.5	8.1	12.1		
130	16.7	18.6	28.0#		

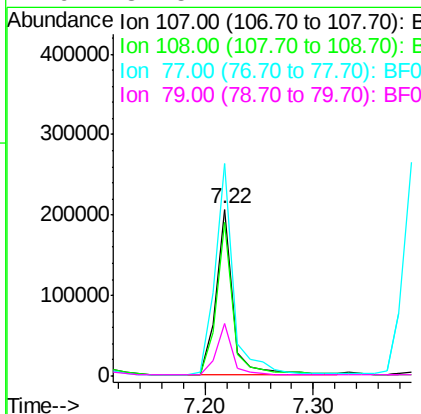
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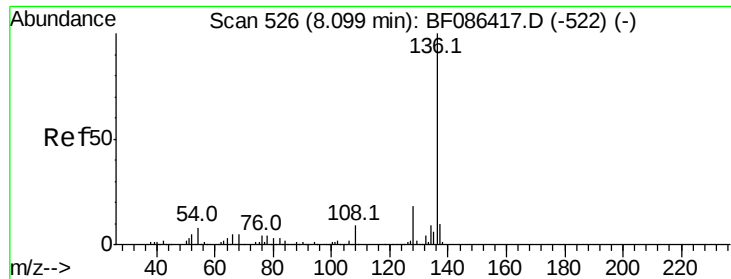
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#20
3+4-Methylphenols
Concen: 29.30 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.0	68.5	108.5		
77	127.8	101.6	141.6		
79	31.5	7.4	47.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

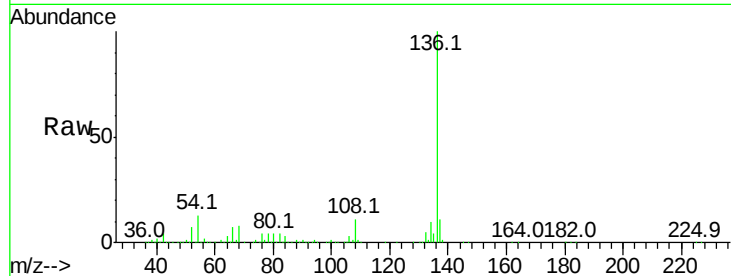
ClientSampleId :

SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
136	100	532383		
137	11.0		8.8	13.2
54	12.9		5.0	7.4#
68	7.9		4.4	6.6#

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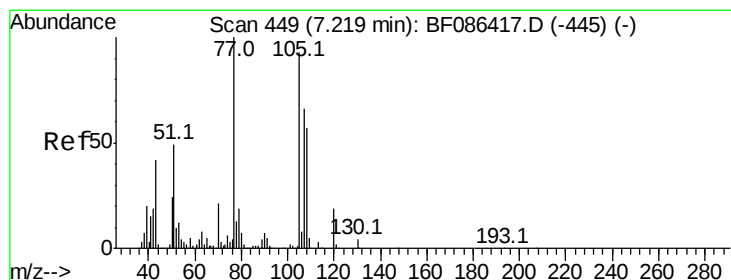
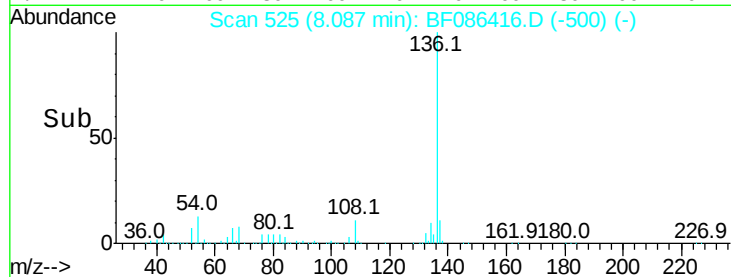
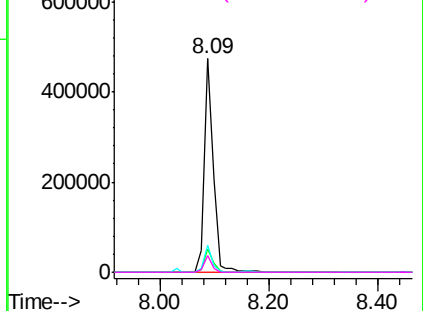


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 28.33 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

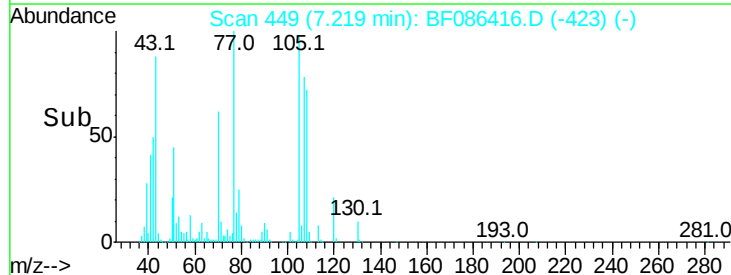
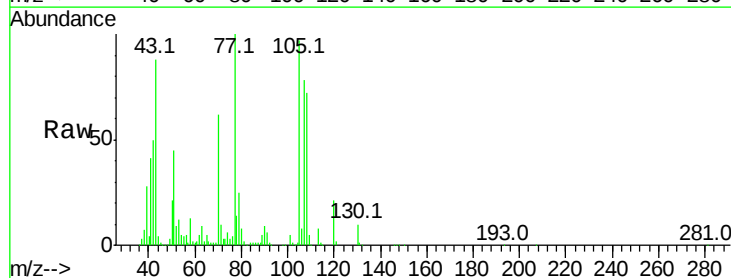
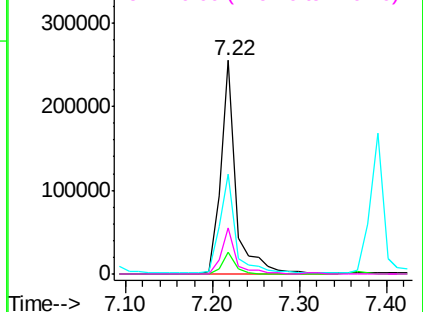
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	316391		
71	10.4		4.8	7.2#
51	46.6		32.6	49.0
120	21.3		16.5	24.7

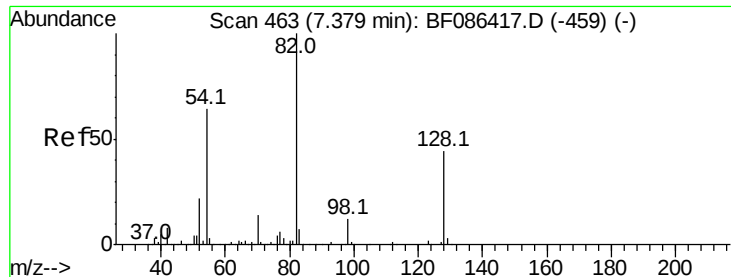
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





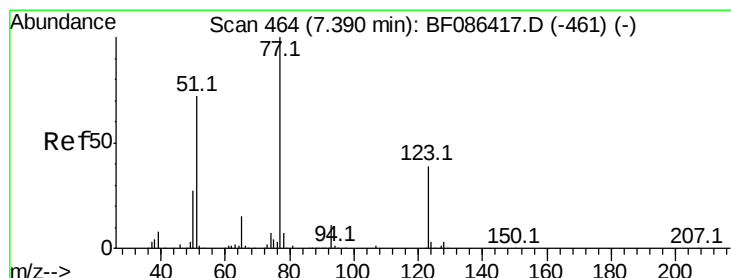
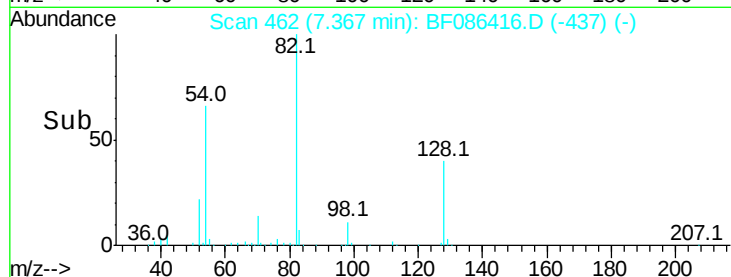
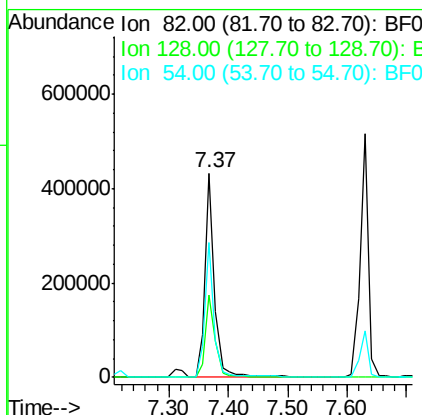
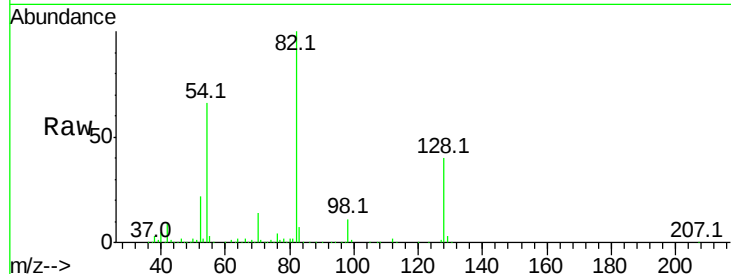
#23
Nitrobenzene-d5
Concen: 56.59 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.1	40.6	61.0#	
54	66.2	38.1	57.1#	

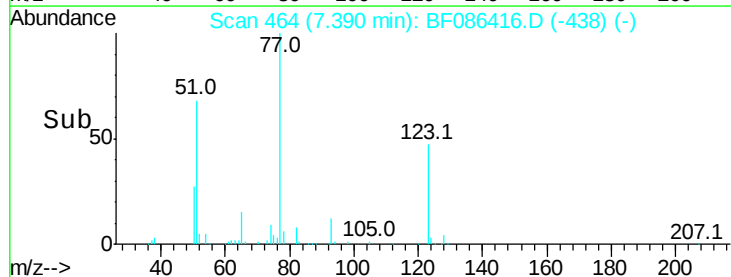
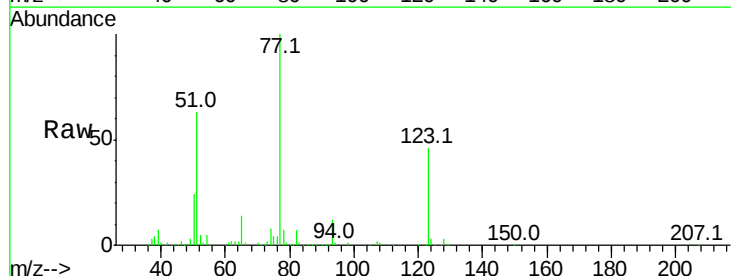
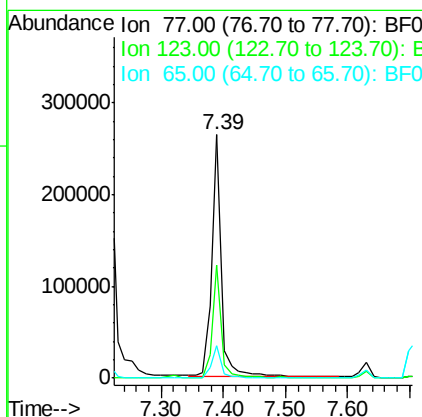
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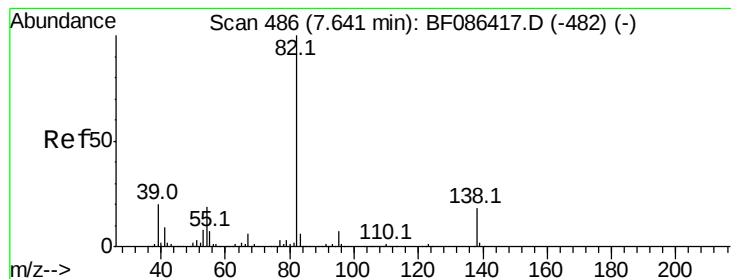
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#24
Nitrobenzene
Concen: 29.63 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.3	33.0	49.4	
65	13.5	10.8	16.2	





#25

Isophorone

Concen: 28.35 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

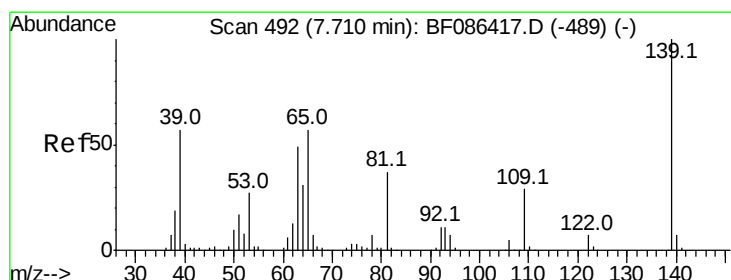
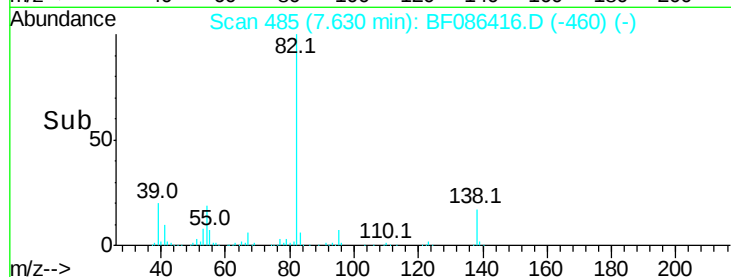
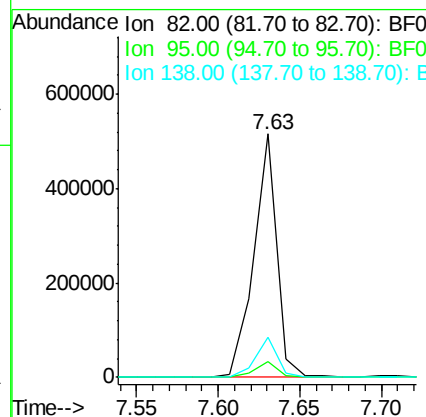
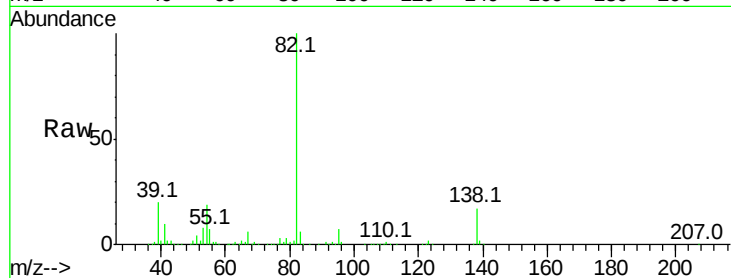
ClientSampleId :

SSTDIC025

Tot Ion:	82	Resp:	499392
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.1	7.7
138	16.7	12.4	18.6

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#26

2-Nitrophenol

Concen: 25.49 ng

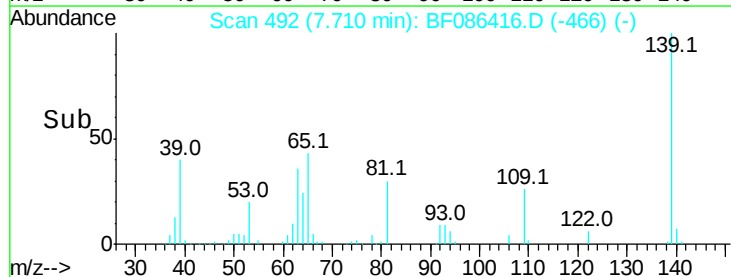
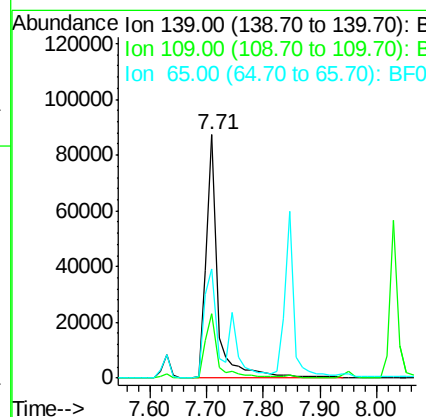
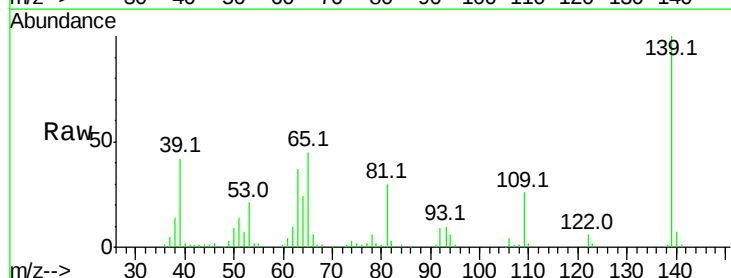
RT: 7.71 min Scan# 492

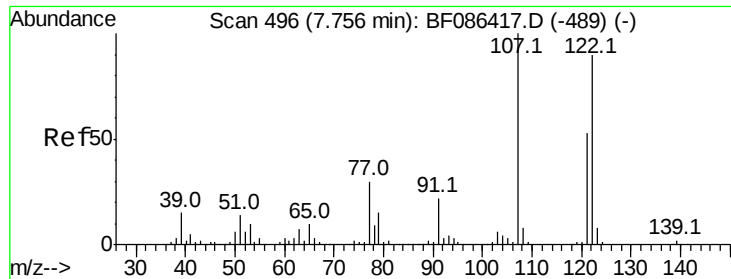
Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Tgt Ion:	139	Resp:	121385
Ion Ratio	Lower	Upper	
139	100		
109	26.3	19.5	29.3
65	45.1	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 25.07 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

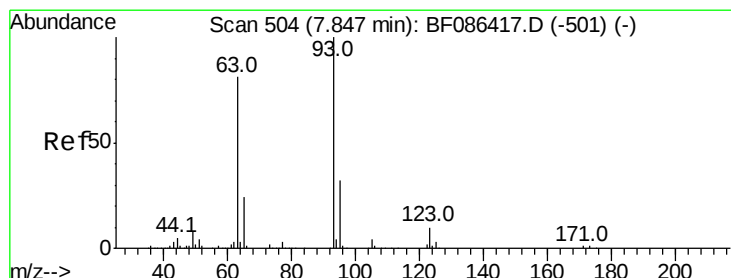
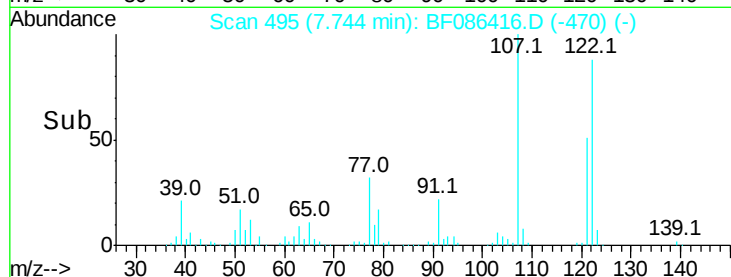
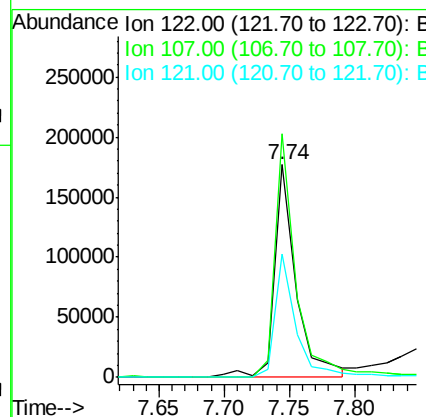
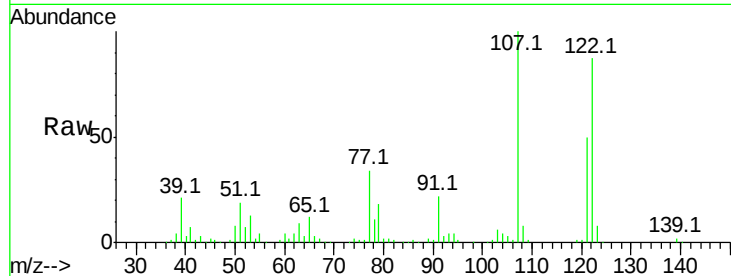
ClientSampled :

SSTDIC025

Tot Ion:	122	Resp:	204490
Ion Ratio	Lower	Upper	
122	100		
107	114.7	82.0	123.0
121	57.8	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 29.32 ng

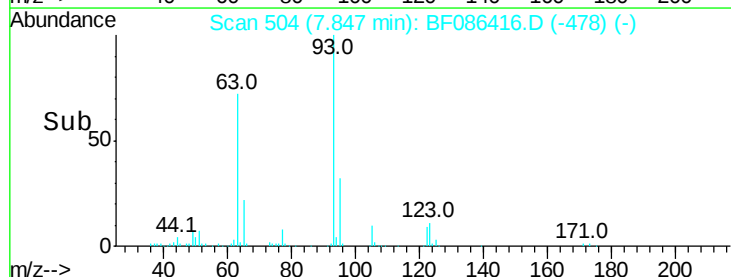
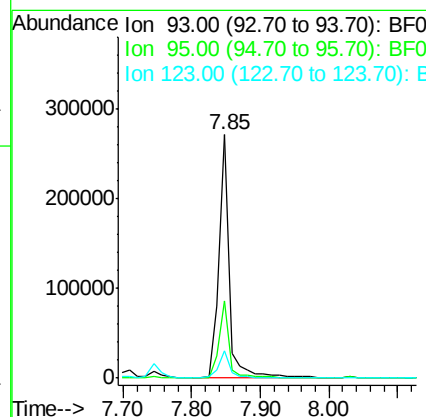
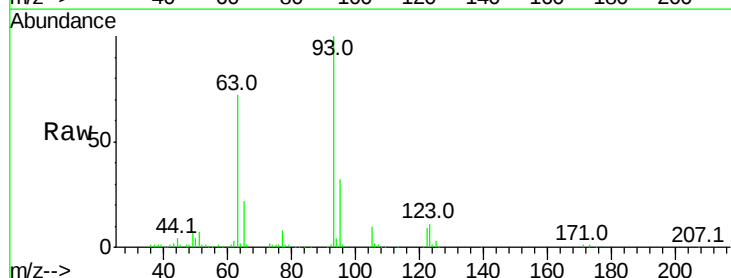
RT: 7.85 min Scan# 504

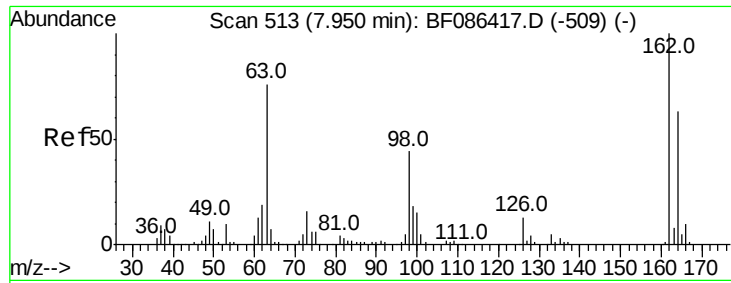
Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Tgt Ion:	93	Resp:	288339
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.0	39.0
123	11.4	9.5	14.3





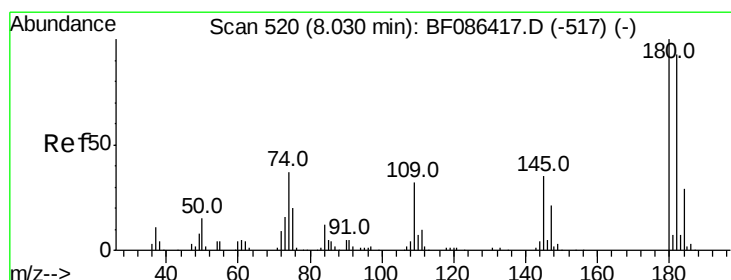
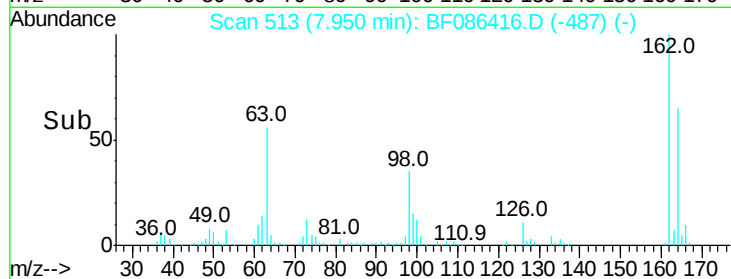
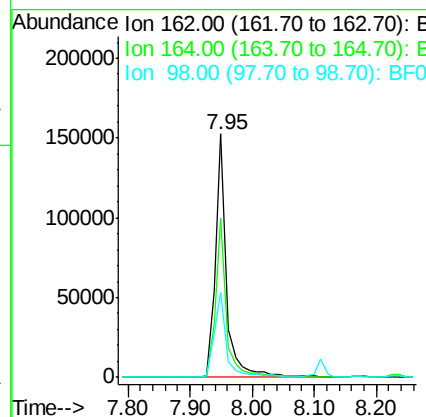
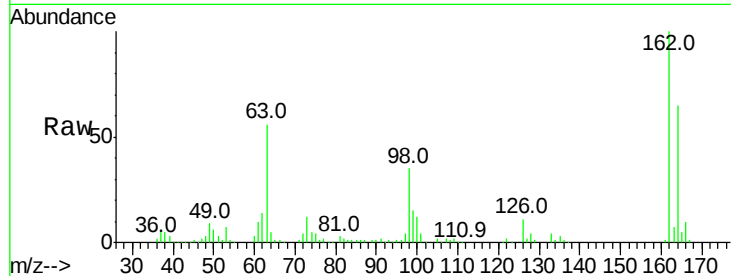
#29
 2,4-Dichlorophenol
 Concen: 28.25 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		190456		
164	65.4	42.2	82.2		
98	35.1	19.0	59.0		

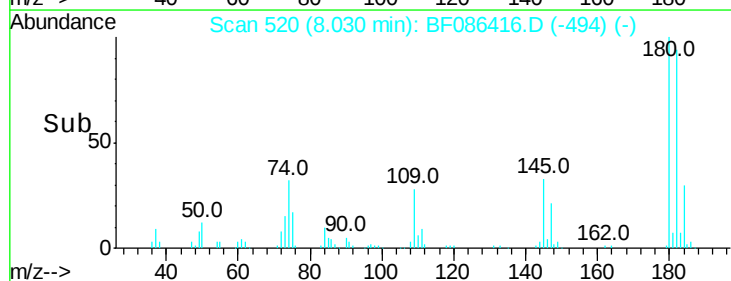
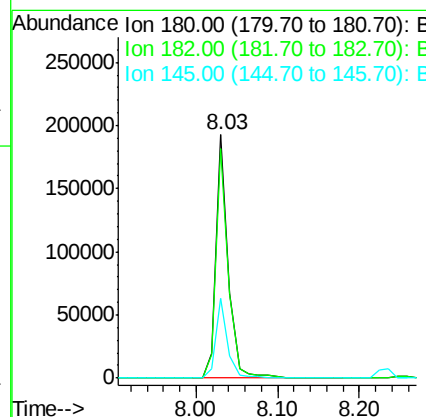
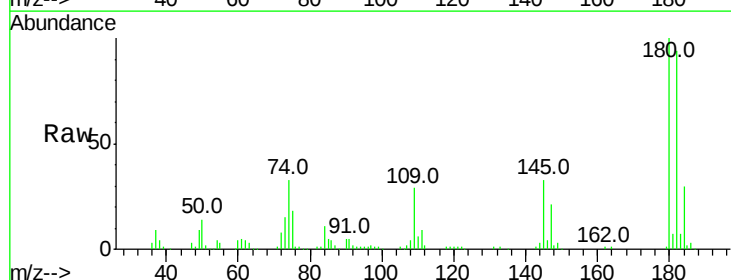
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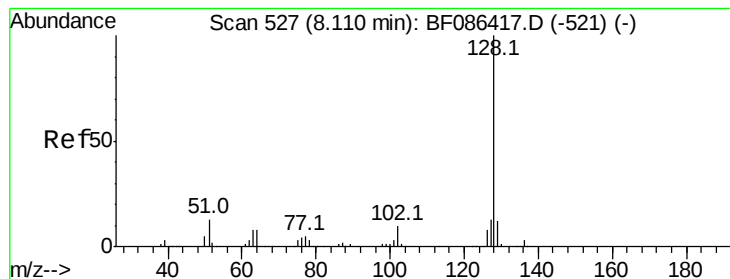
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#30
 1,2,4-Trichlorobenzene
 Concen: 28.07 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		205571		
182	94.1	78.0	117.0		
145	33.0	24.2	36.2		





#31

Naphthalene

Concen: 26.72 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

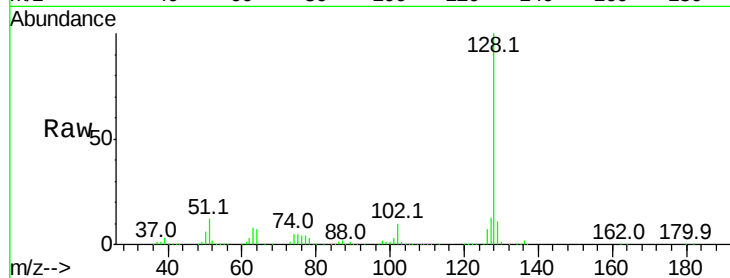
ClientSampleId :

SSTDIC025

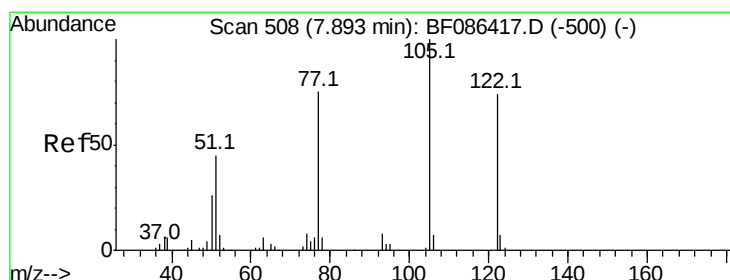
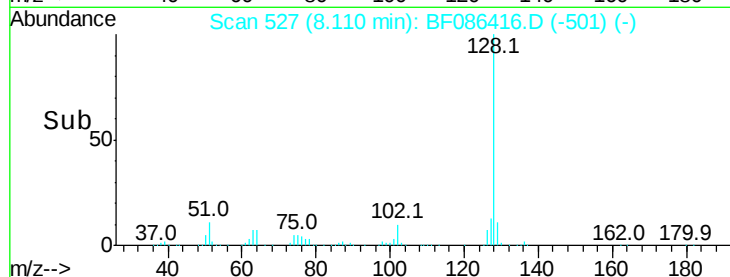
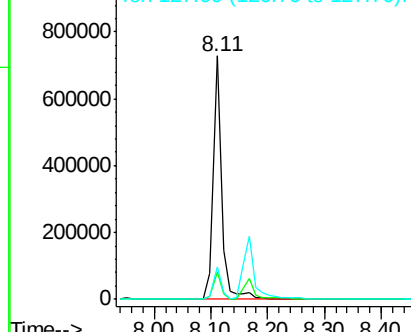
Tot Ion:	128	Resp:	724774
Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	13.0
127	13.5	10.8	16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.70 ng

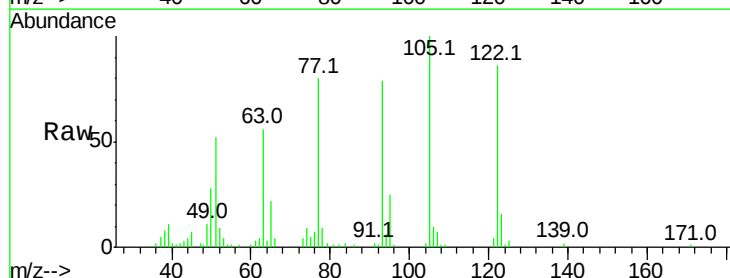
RT: 7.86 min Scan# 505

Delta R.T. -0.03 min

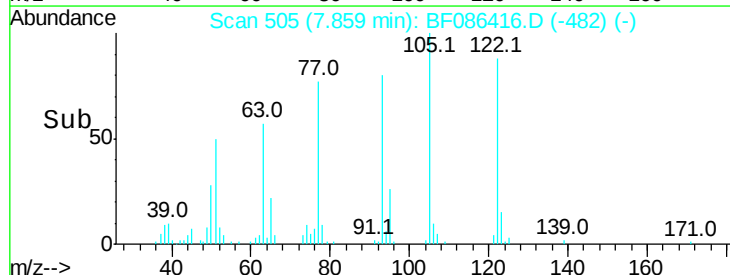
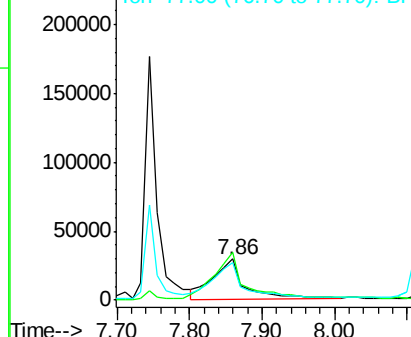
Lab File: BF086416.D

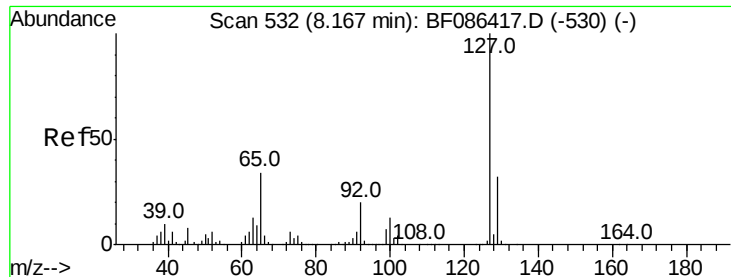
Acq: 27 Apr 2016 11:25

Tgt Ion:	122	Resp:	87084
Ion	Ratio	Lower	Upper
122	100		
105	116.0	92.6	132.6
77	92.7	60.0	100.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





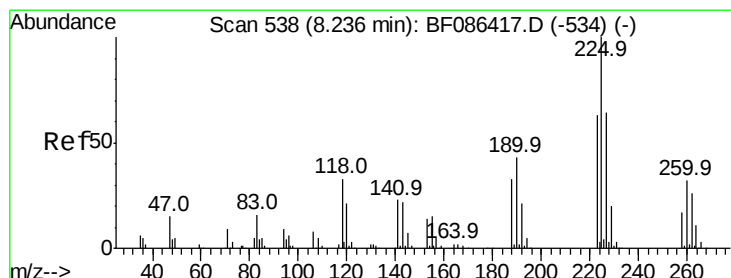
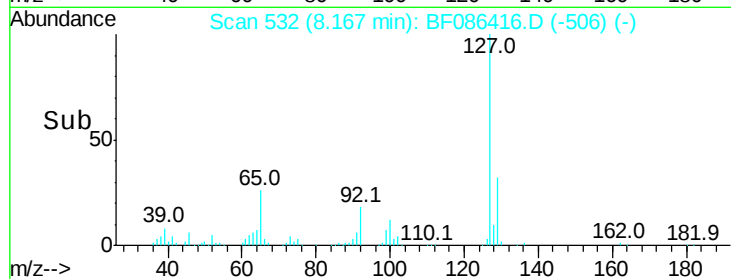
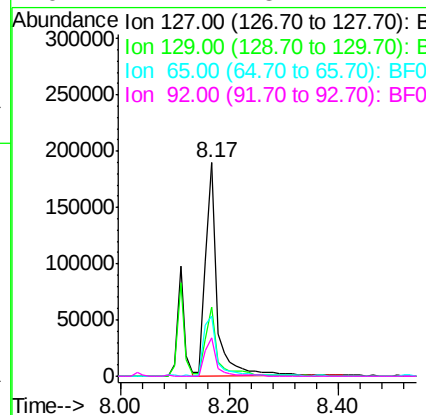
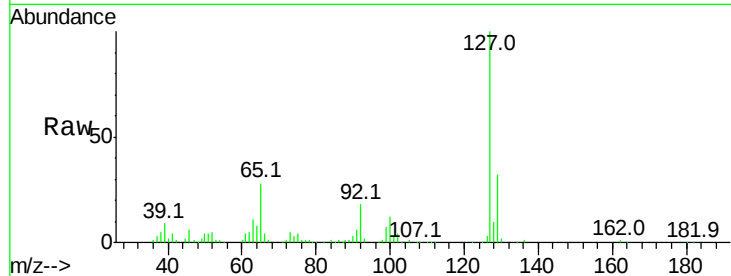
#33
4-Chloroaniline
Concen: 26.29 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
127	100	277753		
129	32.4		26.2	39.4
65	28.0		23.0	34.4
92	17.7		15.1	22.7

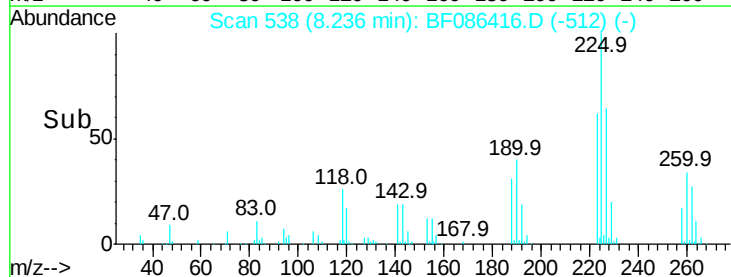
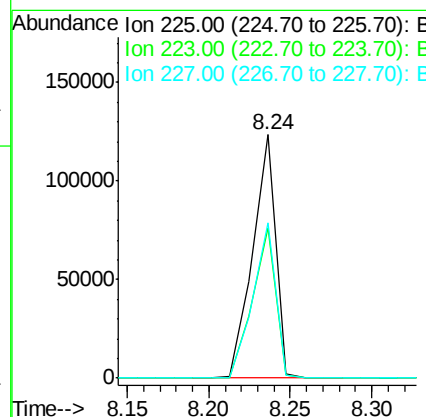
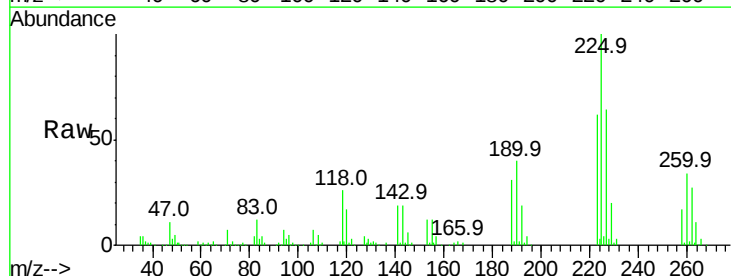
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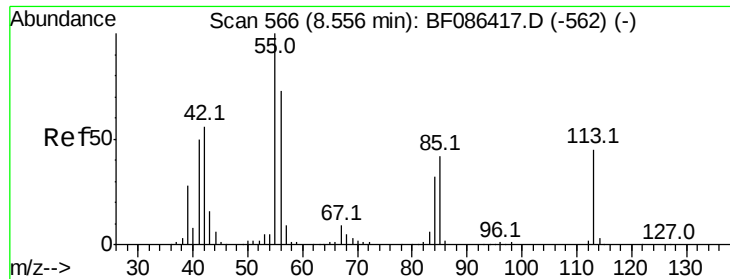
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#34
Hexachlorobutadiene
Concen: 33.01 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	120722		
223	61.9		51.5	77.3
227	64.0		52.2	78.2





#35

Caprolactam

Concen: 24.54 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.03 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

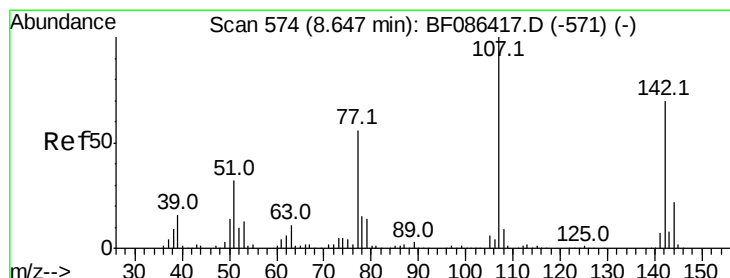
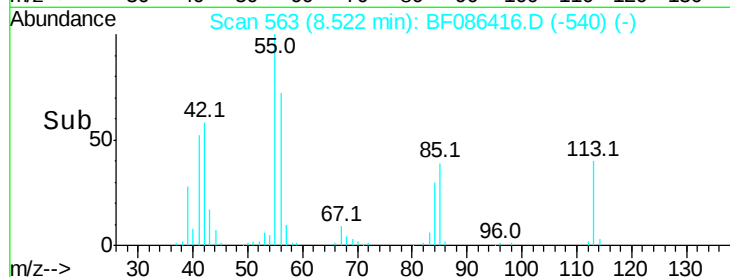
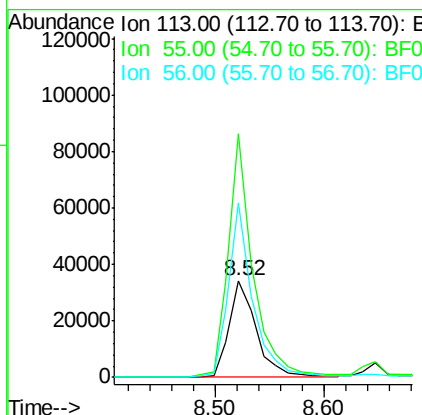
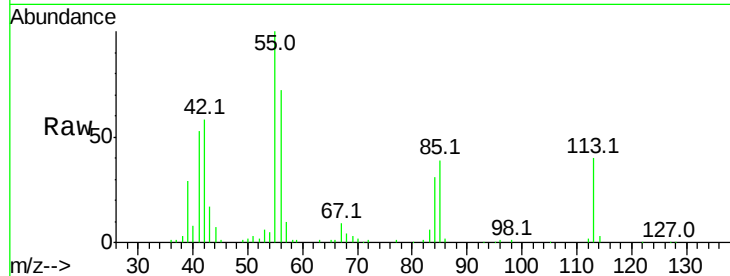
ClientSampleId :

SSTDIC025

Tot Ion:	113	Resp:	59369
Ion Ratio	Lower	Upper	
113	100		
55	251.1	162.0	202.0#
56	180.5	115.3	155.3#

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#36

4-Chloro-3-methylphenol

Concen: 27.70 ng

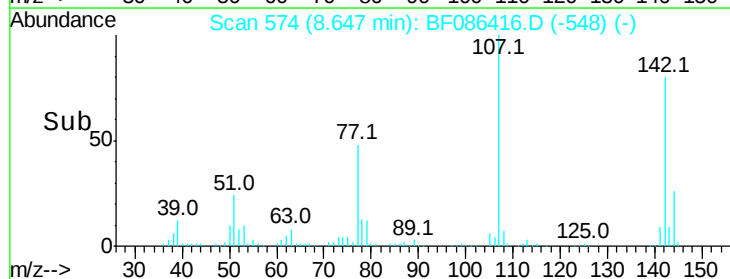
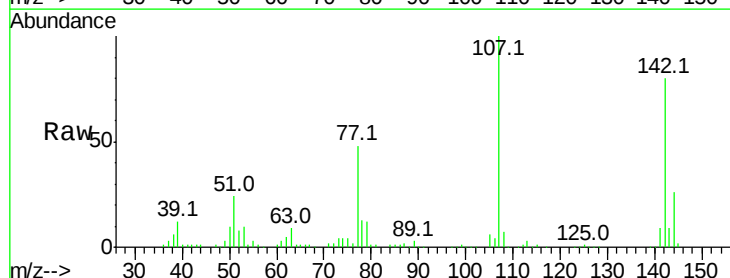
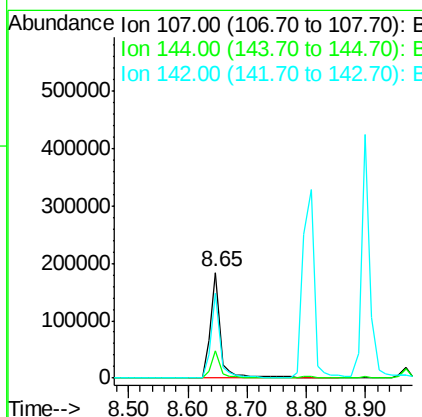
RT: 8.65 min Scan# 574

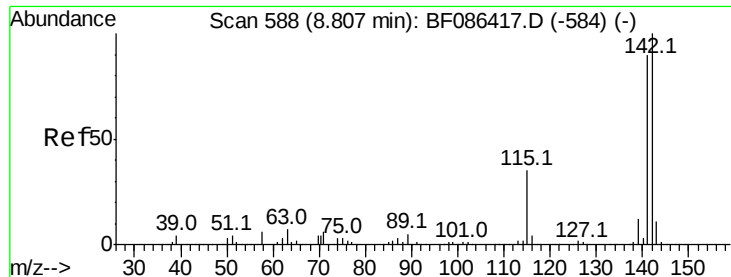
Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Tgt Ion:	107	Resp:	221927
Ion Ratio	Lower	Upper	
107	100		
144	25.6	20.7	31.1
142	80.2	63.2	94.8





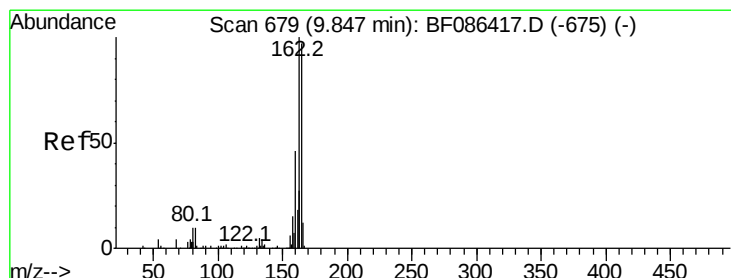
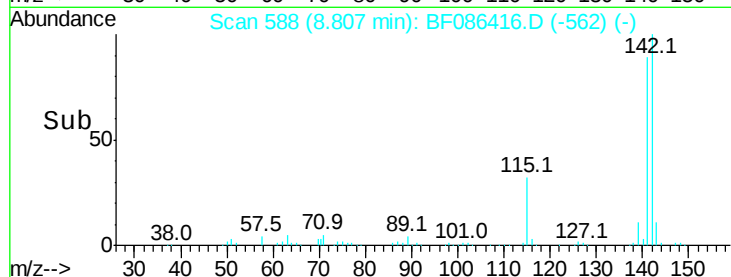
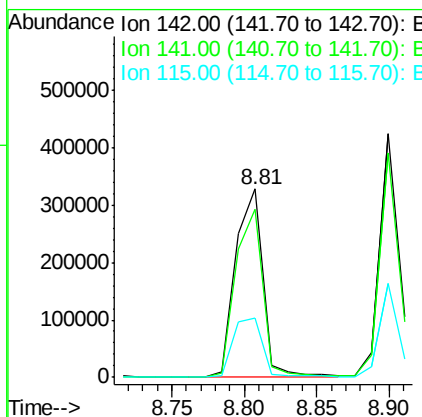
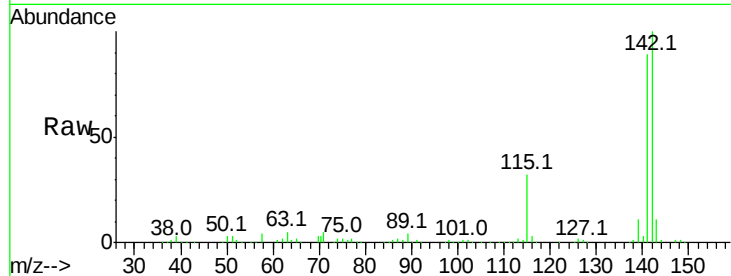
#37
 2-Methylnaphthalene
 Concen: 27.66 ng
 RT: 8.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:	142	Resp:	432616
Ion Ratio	Lower	Upper	
142	100		
141	89.1	71.0	106.6
115	31.5	26.6	39.8

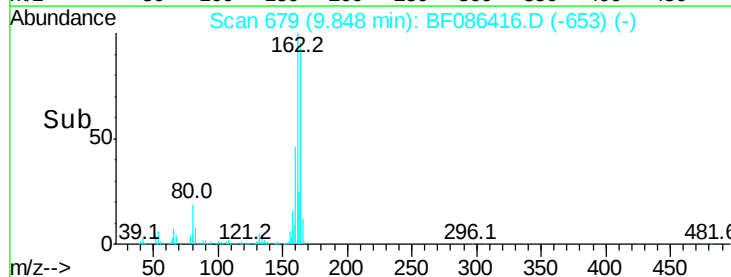
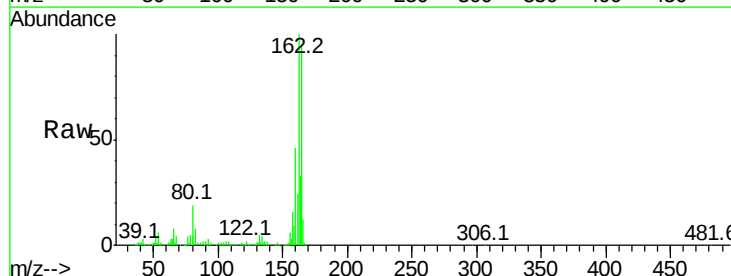
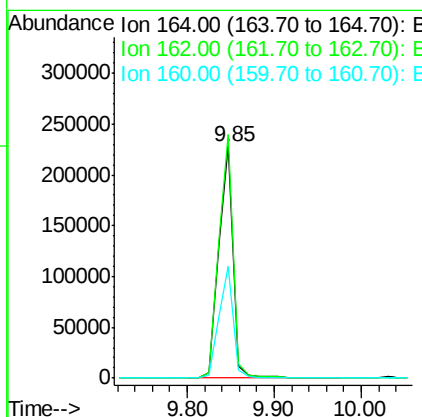
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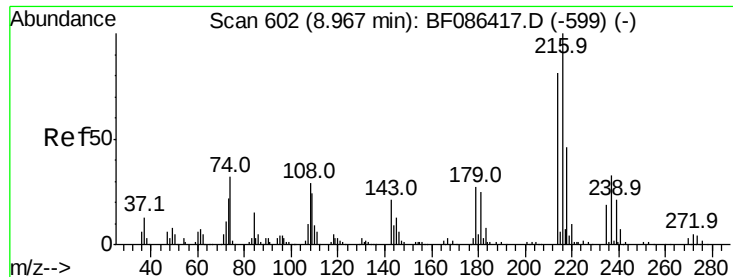
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Tgt Ion:	164	Resp:	267053
Ion Ratio	Lower	Upper	
164	100		
162	105.0	82.8	124.2
160	48.3	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.69 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

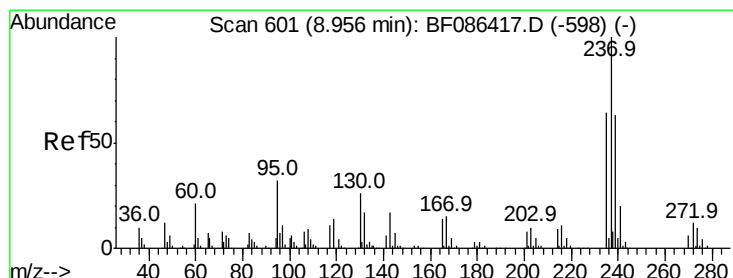
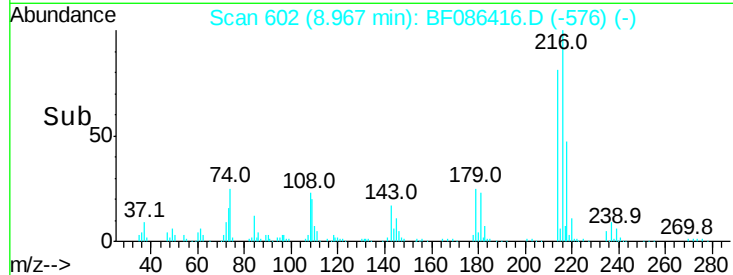
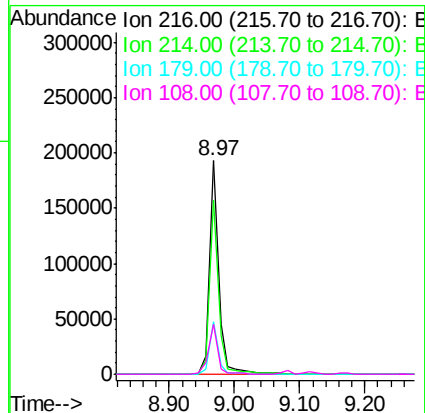
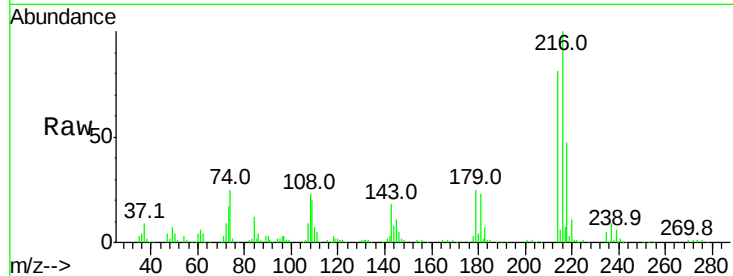
ClientSampleId :

SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
216	100	191287		
214	79.9	62.6	93.8	
179	23.2	18.2	27.4	
108	23.7	17.5	26.3	

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#40

Hexachlorocyclopentadiene

Concen: 27.47 ng

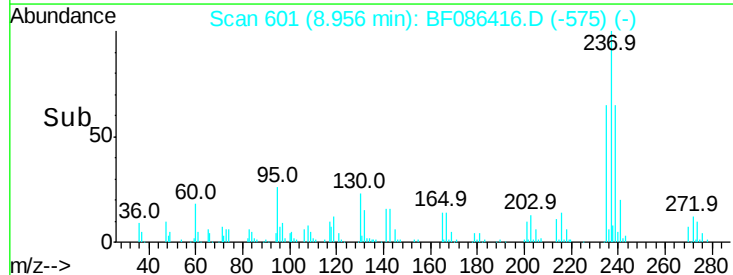
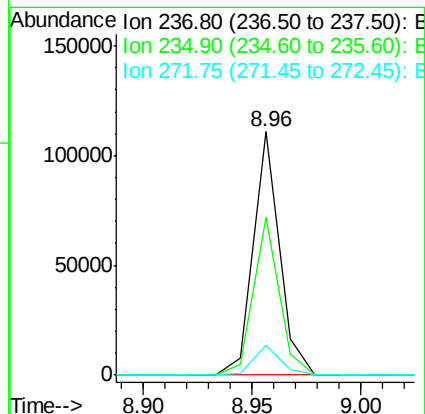
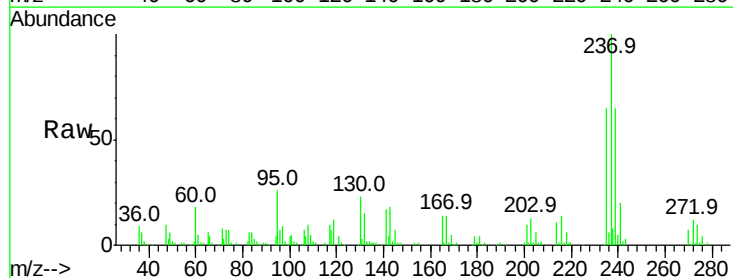
RT: 8.96 min Scan# 601

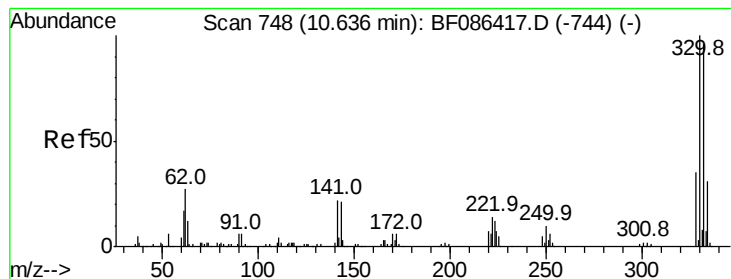
Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	92701		
235	64.9	47.2	87.2	
272	12.5	0.0	31.1	





#41

2,4,6-Tribromophenol

Concen: 60.35 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

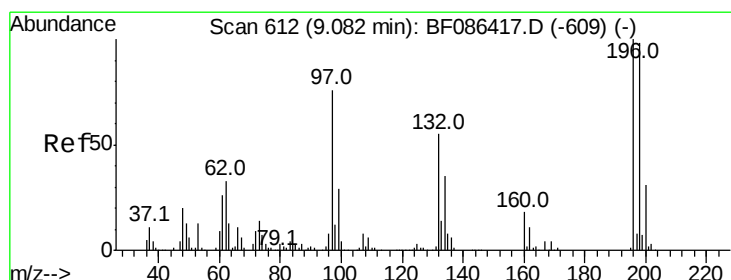
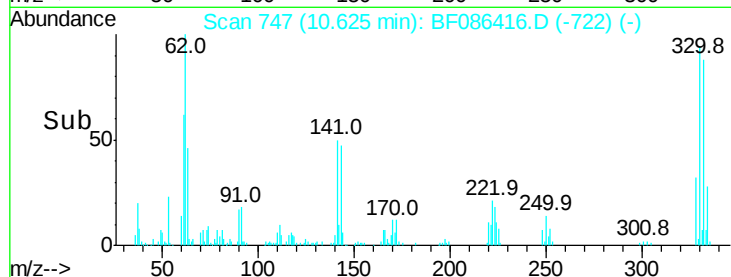
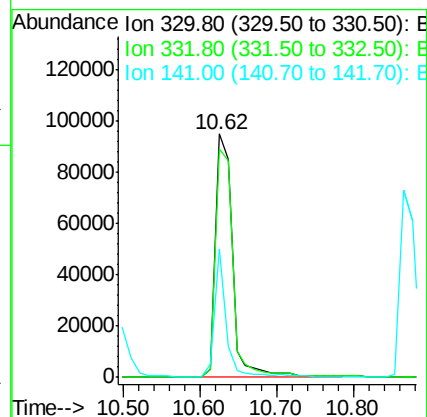
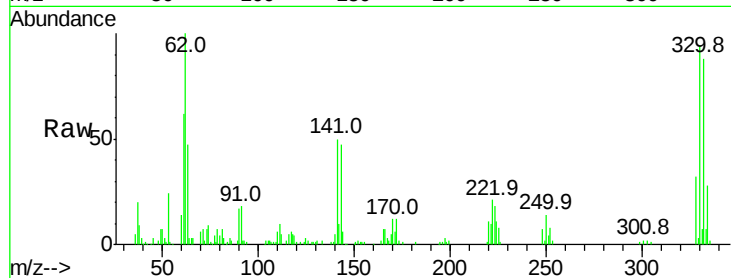
ClientSampleId :

SSTDIC025

Tot Ion:	330	Resp:	145893
Ion Ratio	Lower	Upper	
330	100		
332	96.1	79.0	118.4
141	37.0	31.2	46.8

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 28.87 ng

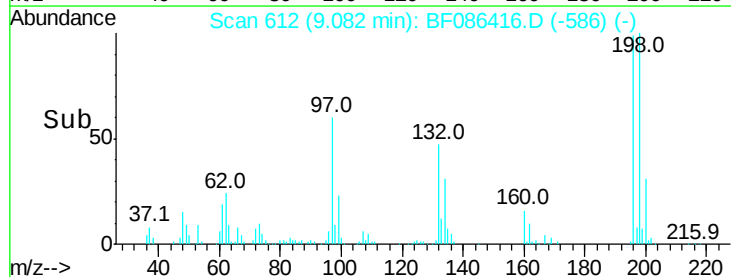
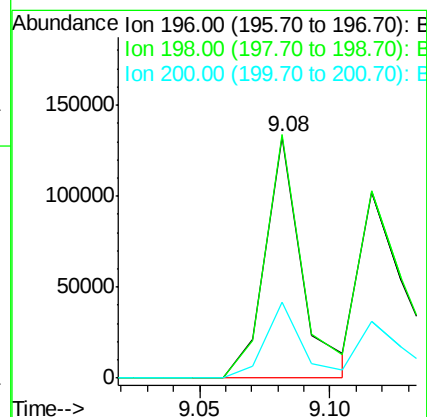
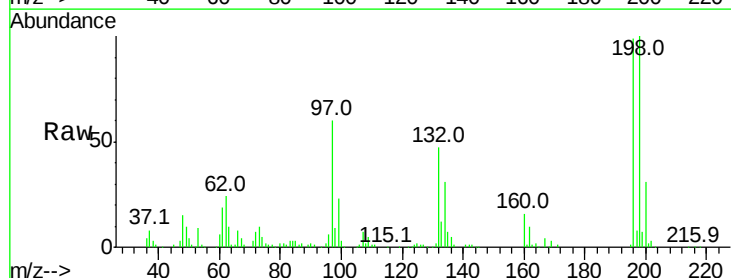
RT: 9.08 min Scan# 612

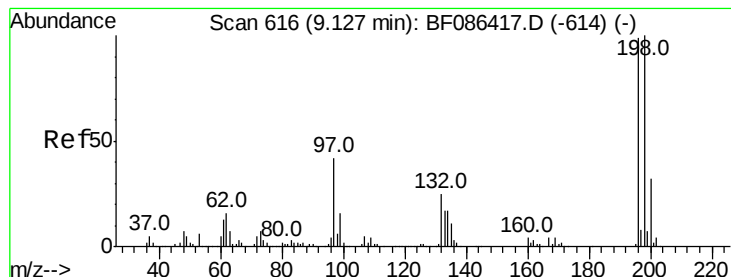
Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Tgt Ion:	196	Resp:	130768
Ion Ratio	Lower	Upper	
196	100		
198	100.9	74.7	112.1
200	31.7	23.8	35.6





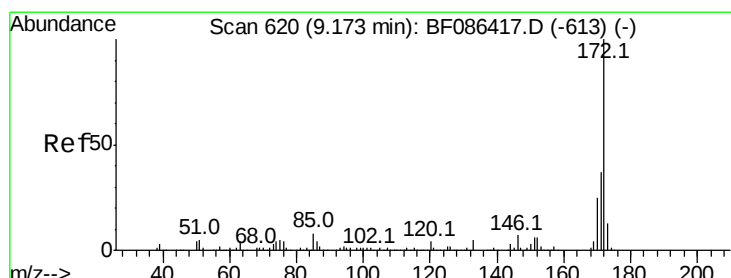
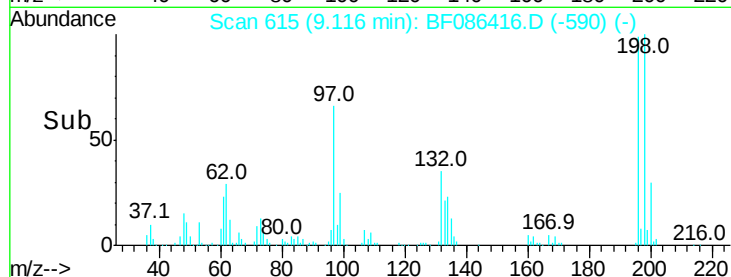
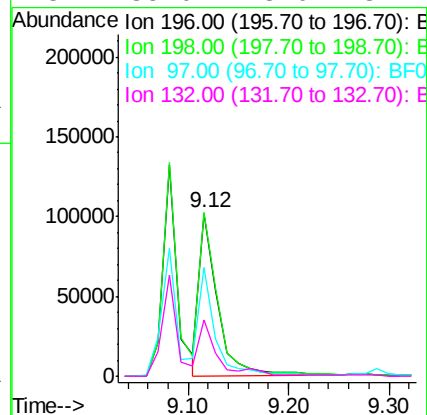
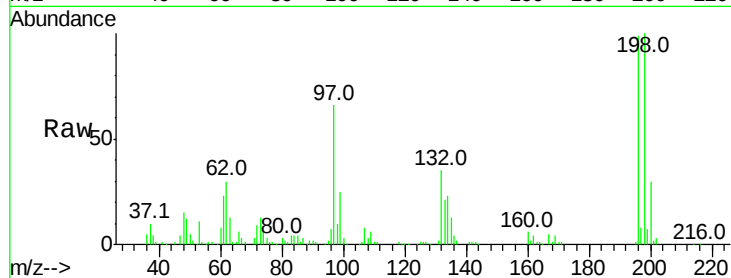
#43
 2,4,5-Trichlorophenol
 Concen: 23.25 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
196	100	129658		
198	100.8	77.5	116.3	
97	66.8	34.8	52.2	#
132	35.0	23.0	34.4	#

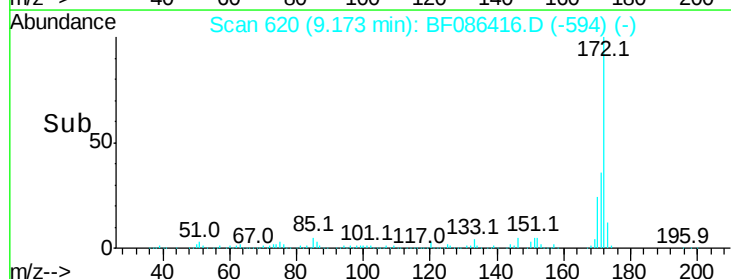
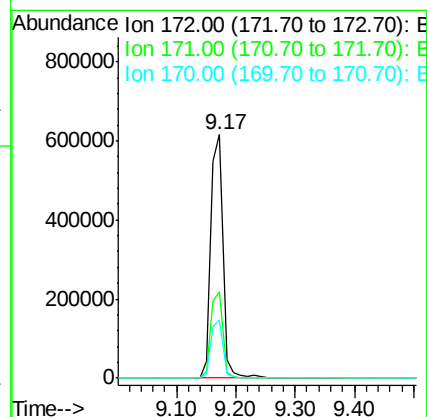
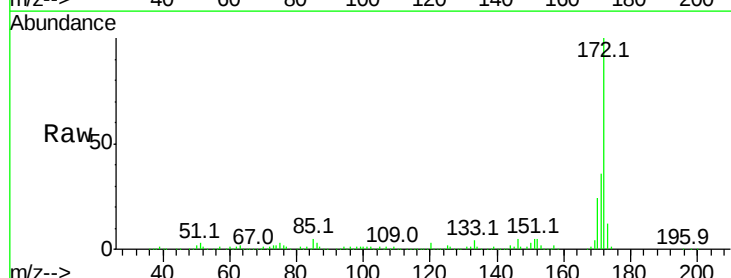
Manual Integrations
 APPROVED

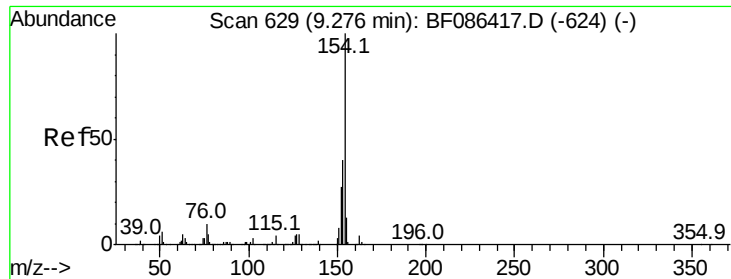
sohil
 4/28/2016 1:39:53 PM



#44
 2-Fluorobiphenyl
 Concen: 57.55 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	900694		
171	35.6	29.0	43.6	
170	24.0	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 27.10 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

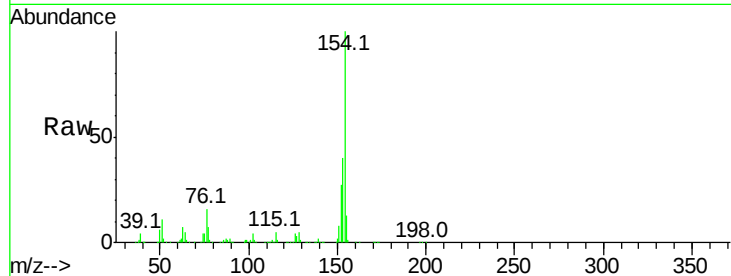
ClientSampleId :

SSTDIC025

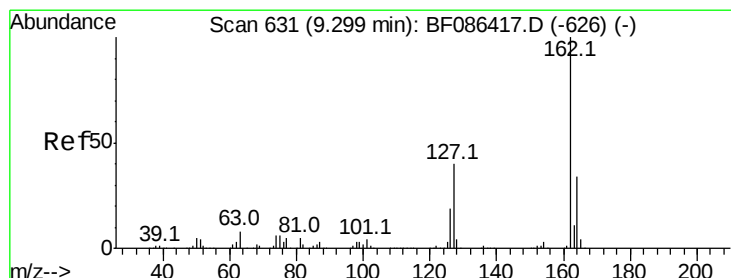
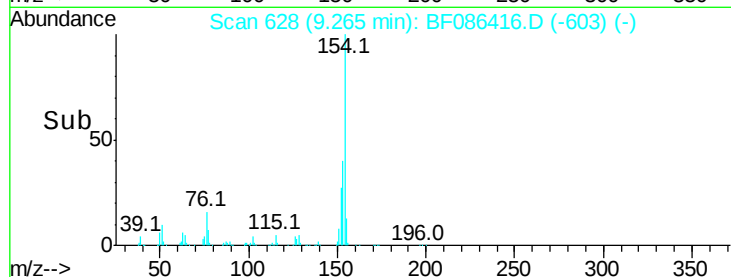
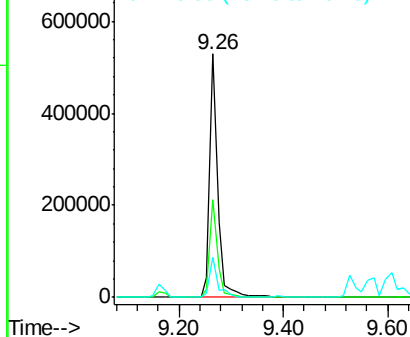
Tot Ion:	154	Resp:	561486
Ion Ratio	Lower	Upper	
154	100		
153	40.3	20.3	60.3
76	16.3	0.0	30.2

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 25.81 ng

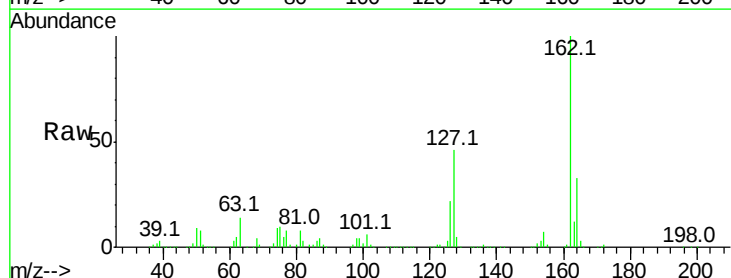
RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

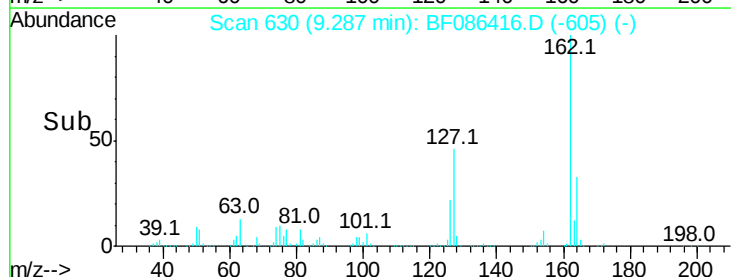
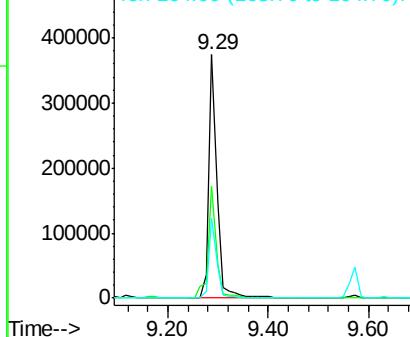
Lab File: BF086416.D

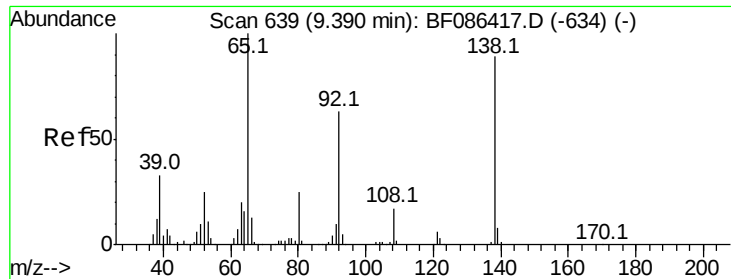
Acq: 27 Apr 2016 11:25

Tgt Ion:	162	Resp:	423254
Ion Ratio	Lower	Upper	
162	100		
127	45.7	31.8	47.6
164	32.5	27.0	40.6



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





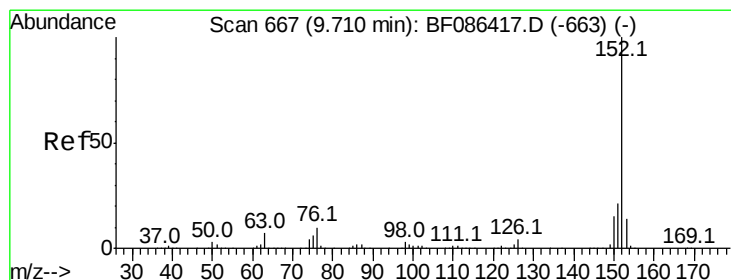
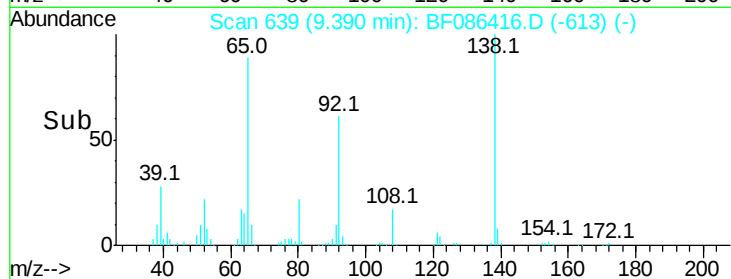
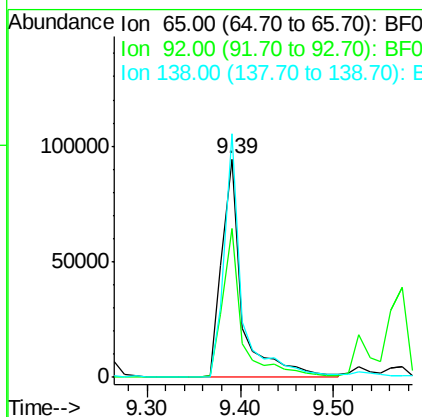
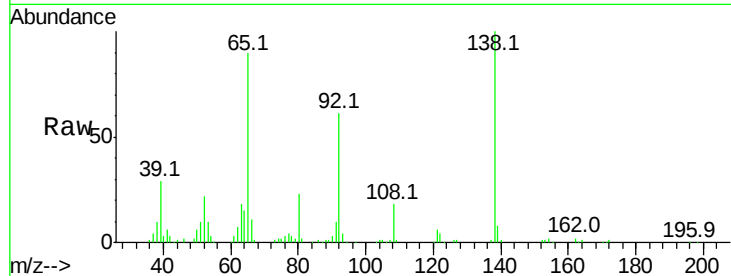
#47
2-Nitroaniline
Concen: 28.17 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.4	57.4	86.2
138	111.6	90.1	135.1

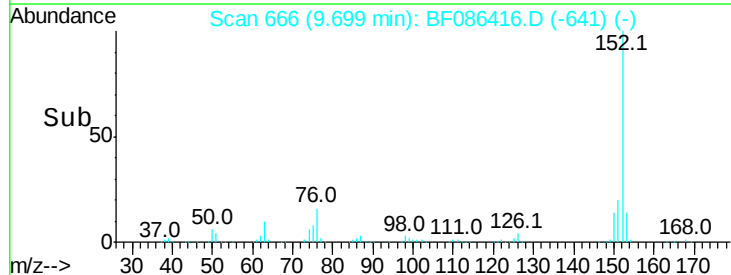
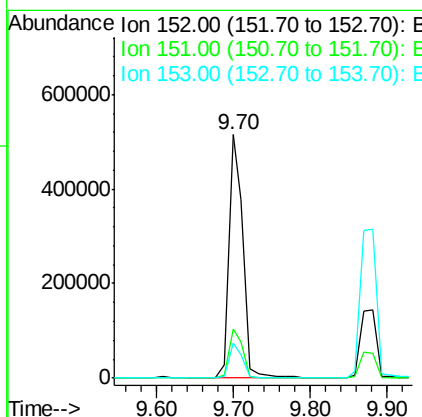
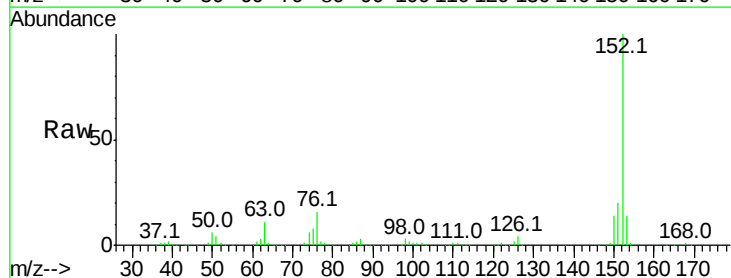
Manual Integrations
APPROVED

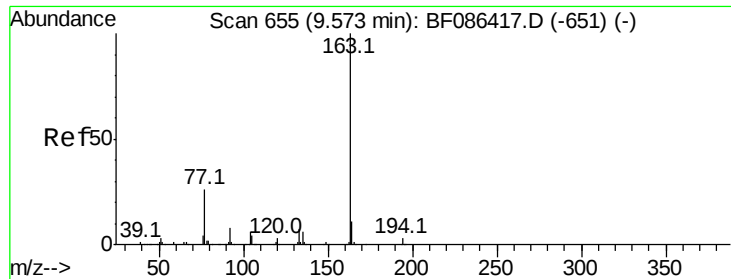
sohil
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#48
Acenaphthylene
Concen: 25.13 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	14.3	10.9	16.3





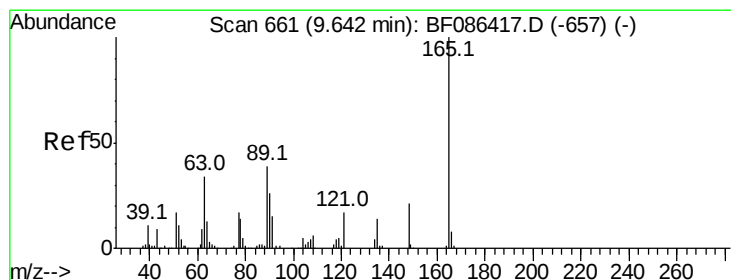
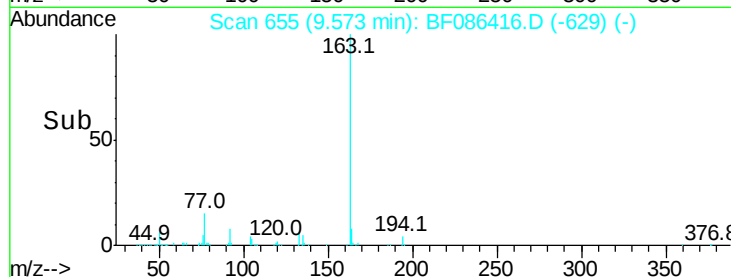
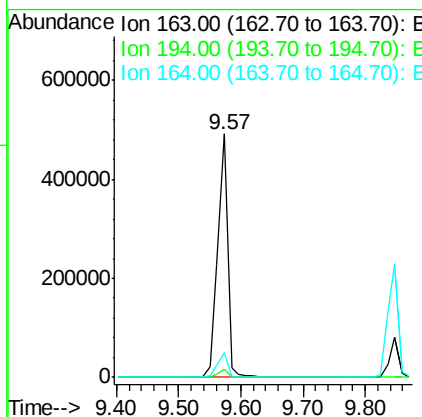
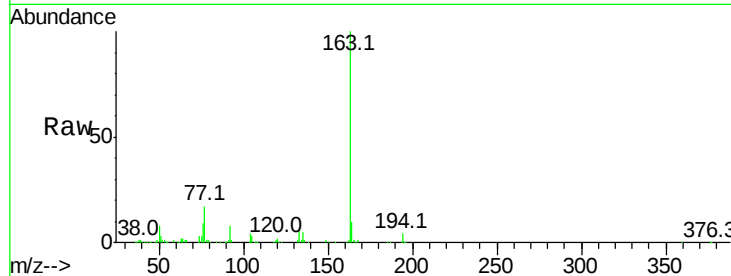
#49
Dimethylphthalate
Concen: 27.80 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	9.9	8.2	12.4	

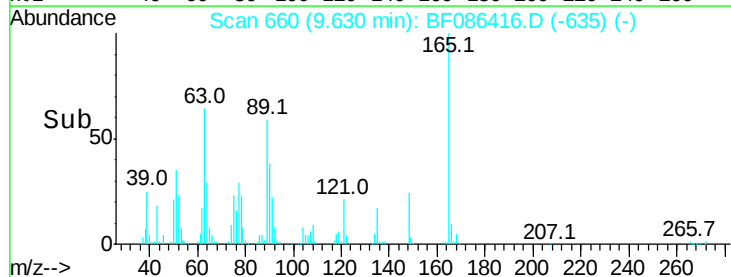
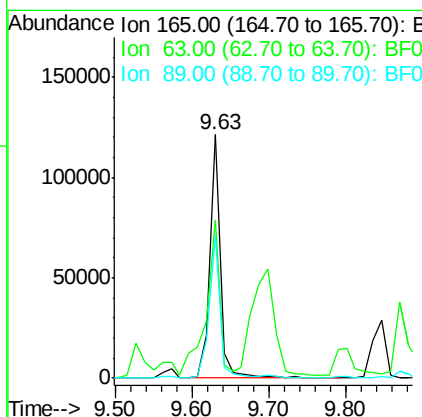
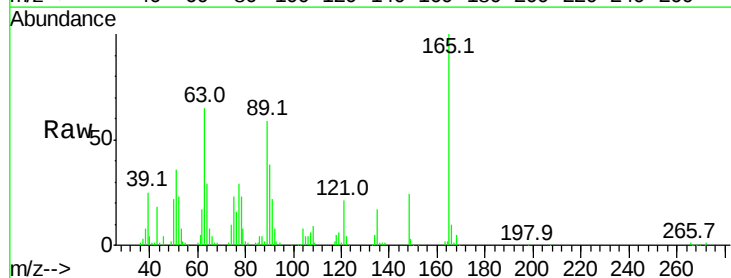
Manual Integrations
APPROVED

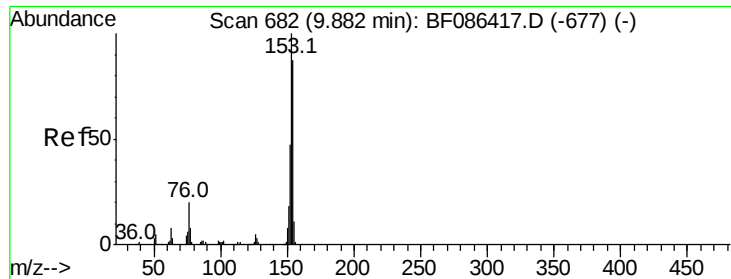
sohil
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#50
2,6-Dinitrotoluene
Concen: 27.61 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	64.7	51.8	77.8	
89	58.7	50.7	76.1	





#51

Acenaphthene

Concen: 26.43 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

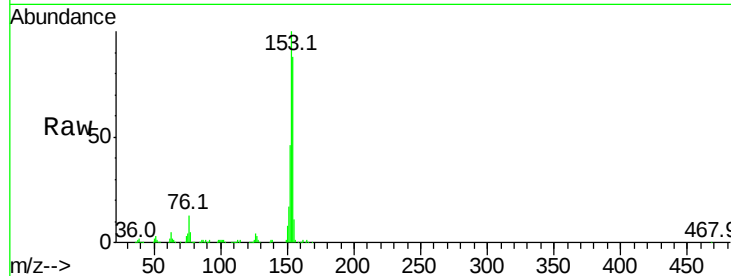
ClientSampleId :

SSTDIC025

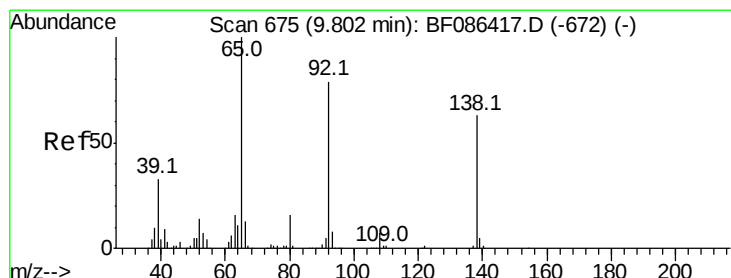
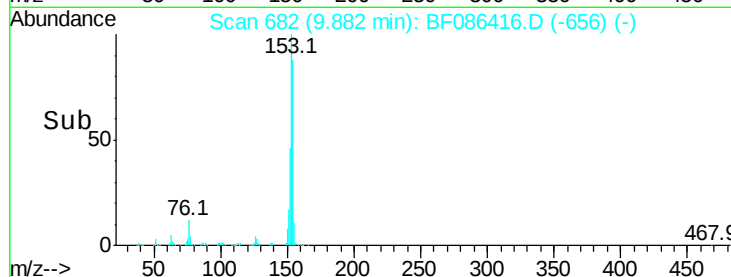
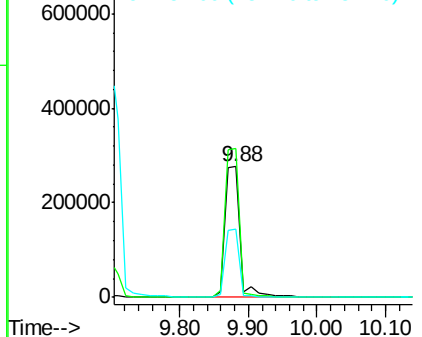
Tot Ion:	154	Resp:	431731
Ion Ratio	Lower	Upper	
154	100		
153	113.7	89.8	134.6
152	52.2	43.4	65.0

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.10 ng

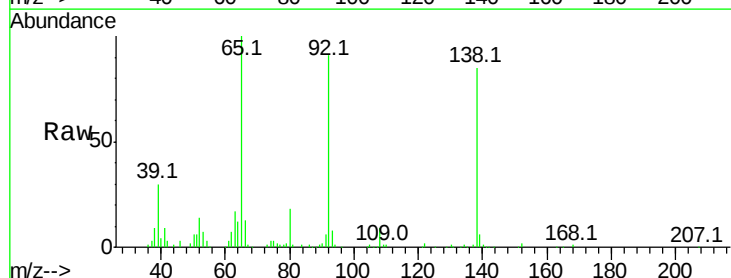
RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

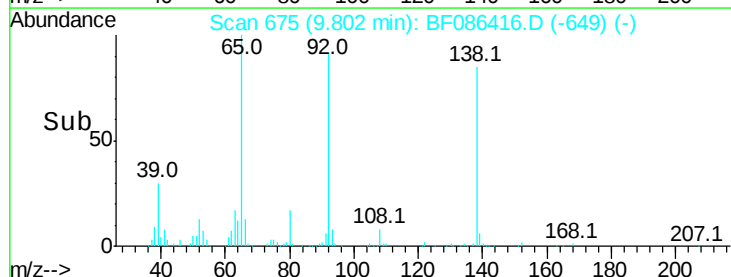
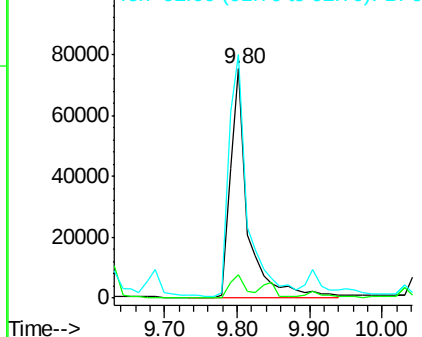
Lab File: BF086416.D

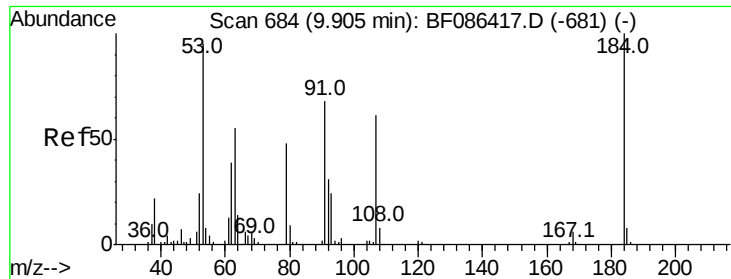
Acq: 27 Apr 2016 11:25

Tgt Ion:	138	Resp:	125750
Ion Ratio	Lower	Upper	
138	100		
108	10.1	7.8	11.6
92	106.3	87.8	131.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





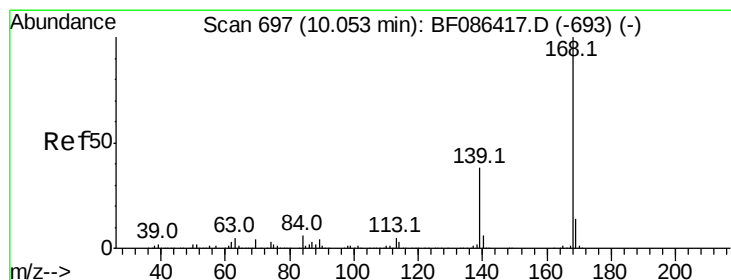
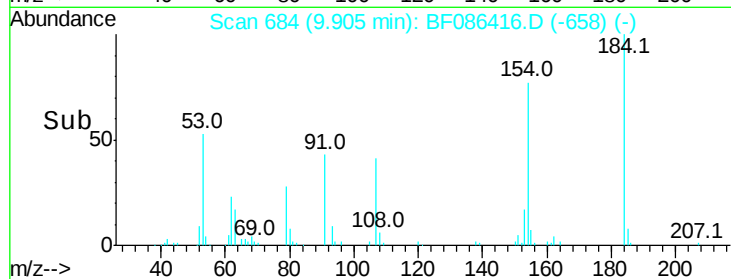
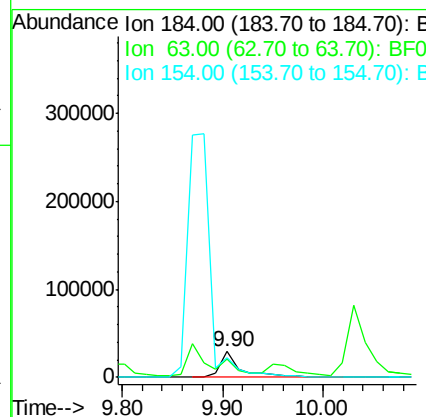
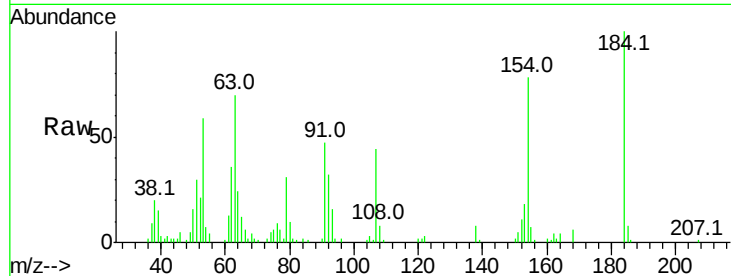
#53
2,4-Dinitrophenol
Concen: 19.74 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
184	100		
63	70.2	55.8	83.8
154	77.7	62.4	93.6

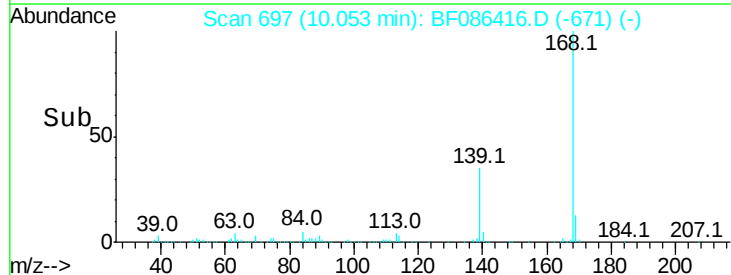
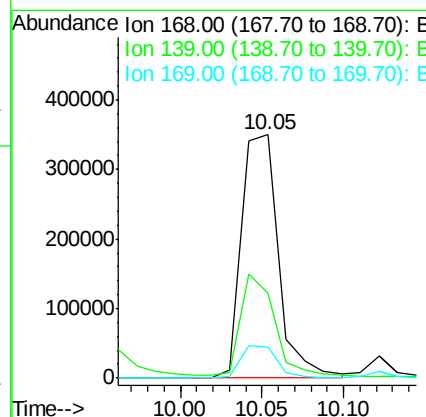
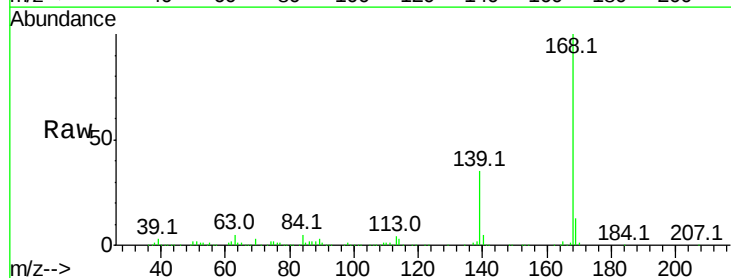
Manual Integrations
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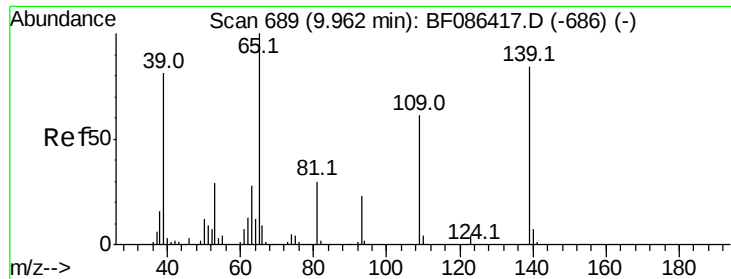
sohil
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#54
Dibenzofuran
Concen: 26.03 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.7	31.4	47.0
169	12.8	10.7	16.1





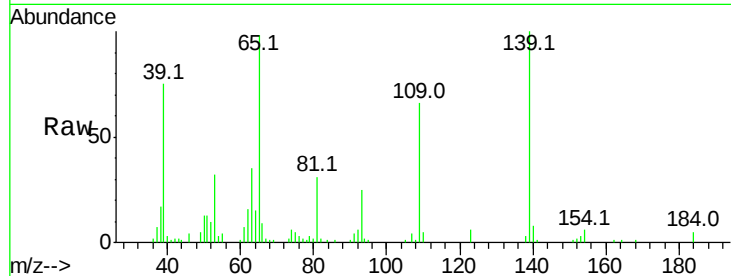
#55
4-Nitrophenol
Concen: 20.78 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	65.9	36.9	76.9	
65	98.2	64.0	104.0	

Manual Integrations
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4/28/2016 1:39:53 PM

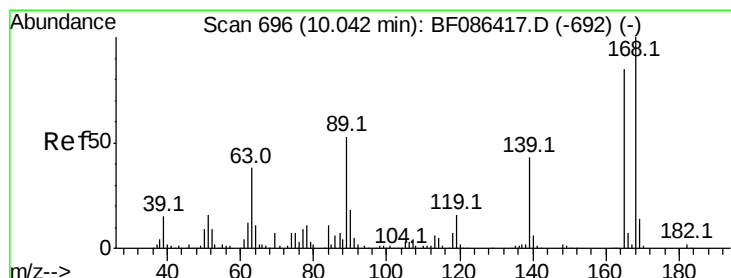
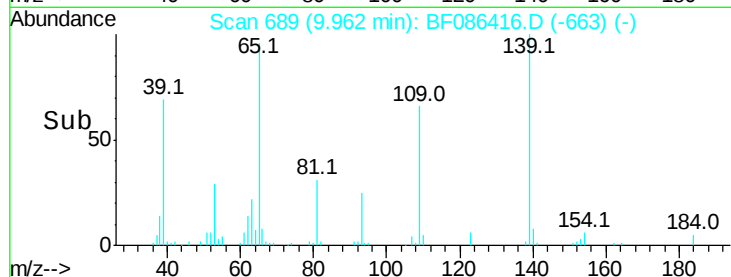
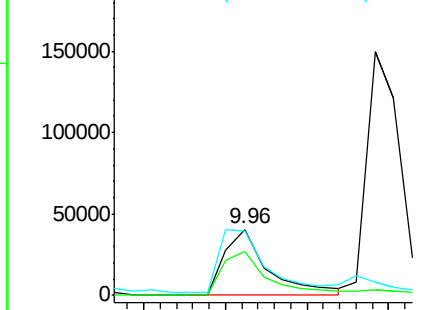


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 25.54 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.2	44.3	66.5	
89	78.8	70.0	105.0	
182	2.2	1.8	2.6	

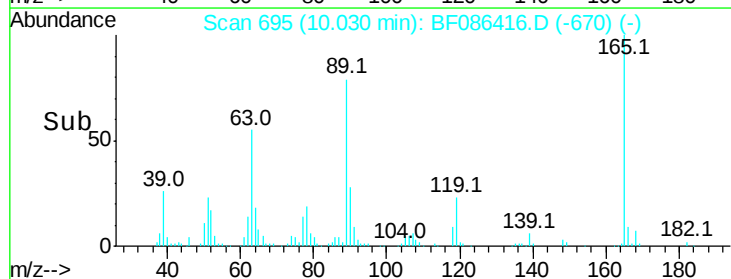
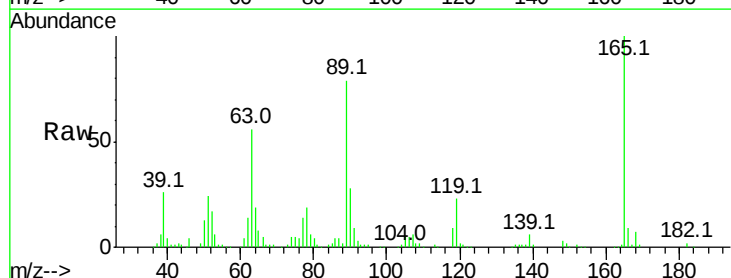
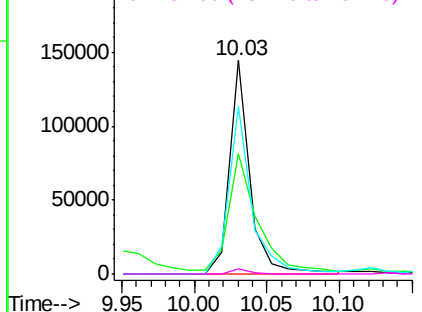
Abundance

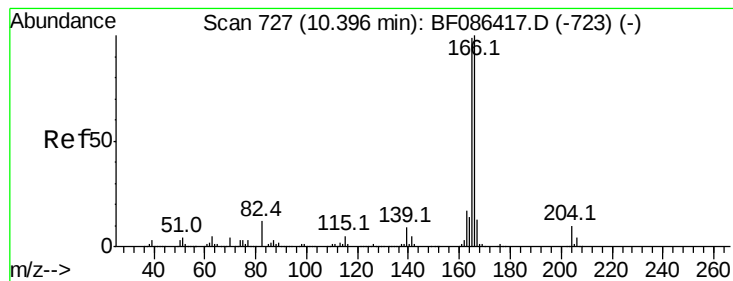
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 25.90 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

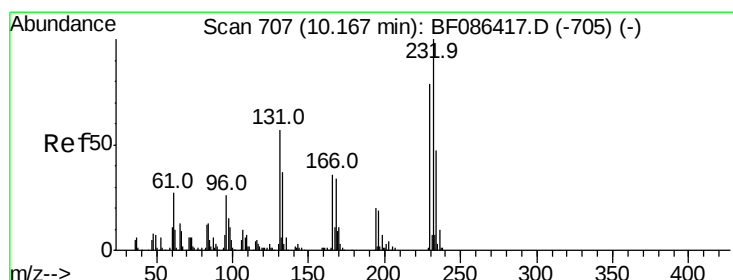
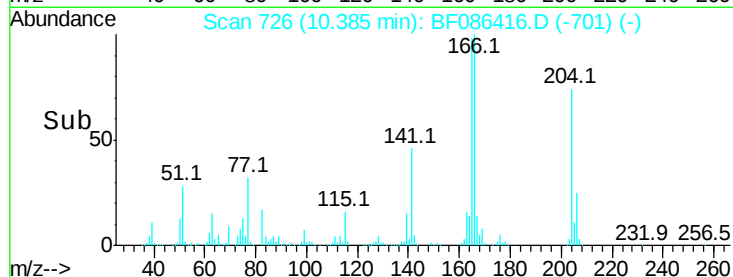
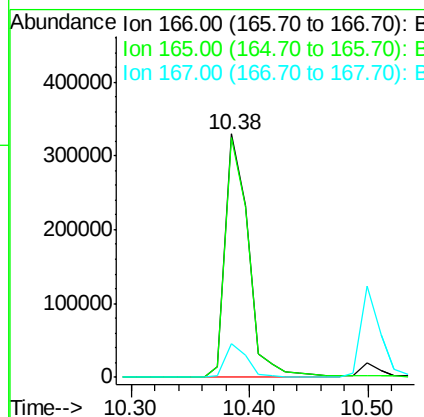
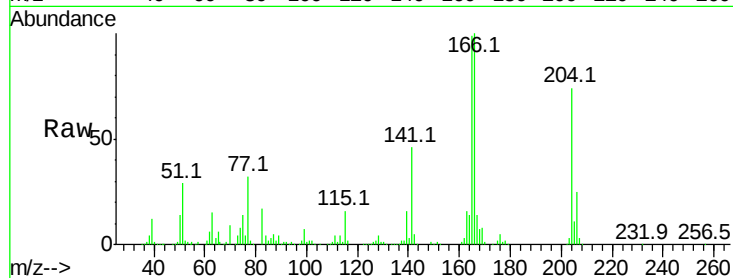
ClientSampleId :

SSTDIC025

Tot Ion:	166	Resp:	445219
Ion Ratio	Lower	Upper	
166	100		
165	98.5	79.0	118.6
167	13.9	10.6	15.8

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4/28/2016 1:39:53 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.37 ng m

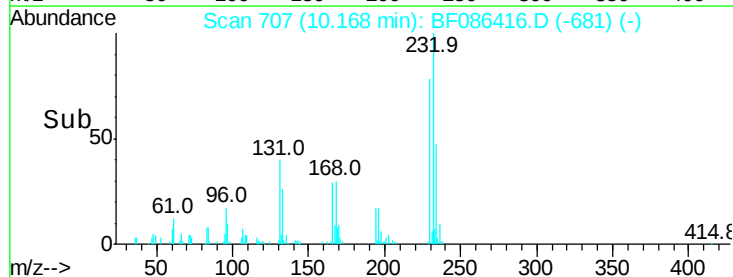
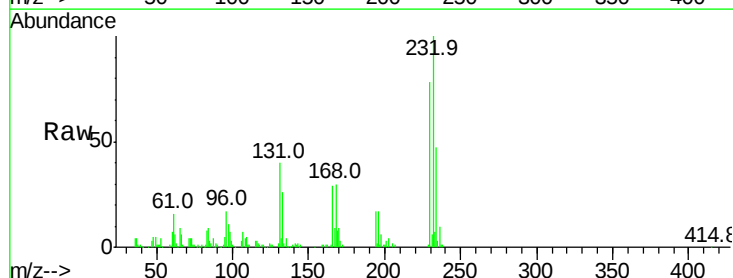
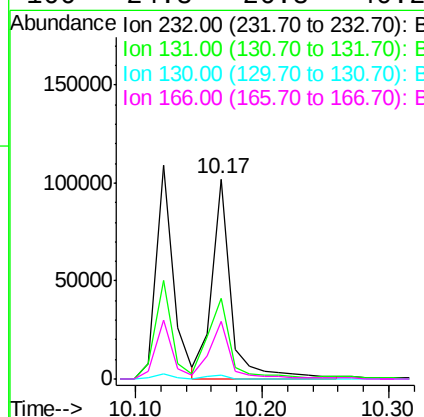
RT: 10.17 min Scan# 707

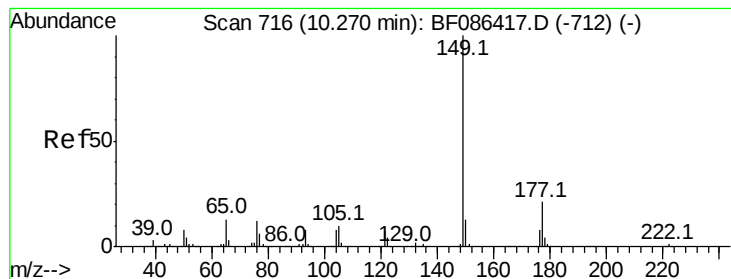
Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Tgt Ion:	232	Resp:	111582
Ion Ratio	Lower	Upper	
232	100		
131	42.0	41.9	62.9
130	2.2	2.2	3.4#
166	24.8	26.8	40.2#





#59

Diethylphthalate

Concen: 27.66 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

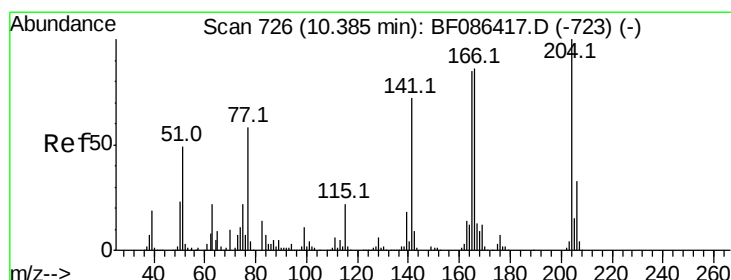
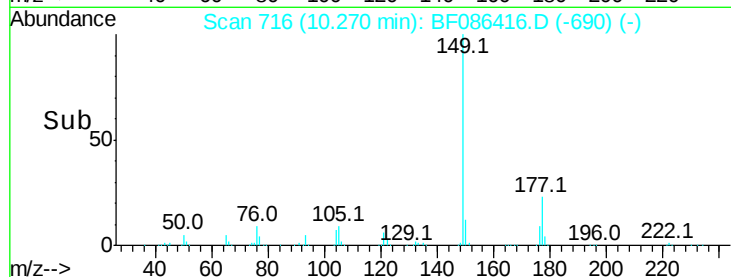
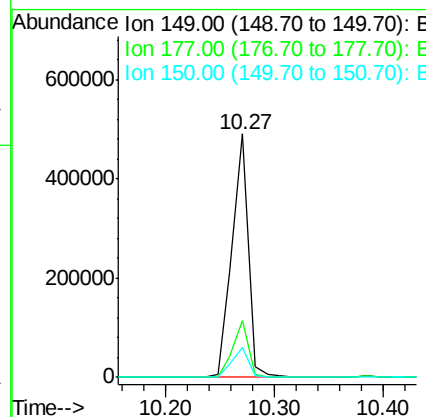
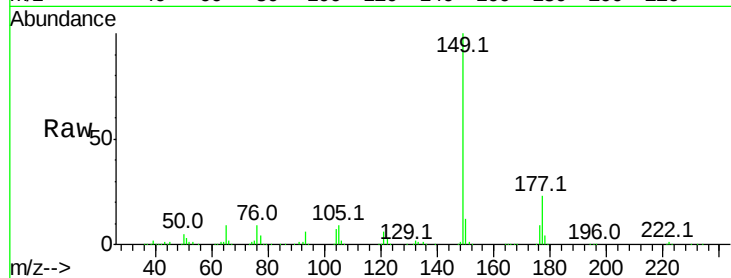
ClientSampleId :

SSTDIC025

Tot Ion:	149	Resp:	511075
Ion Ratio	Lower	Upper	
149	100		
177	23.5	16.6	24.8
150	12.4	10.0	15.0

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#60

4-Chlorophenyl-phenylether

Concen: 30.56 ng

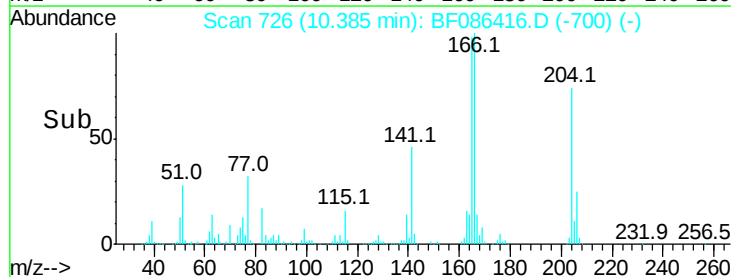
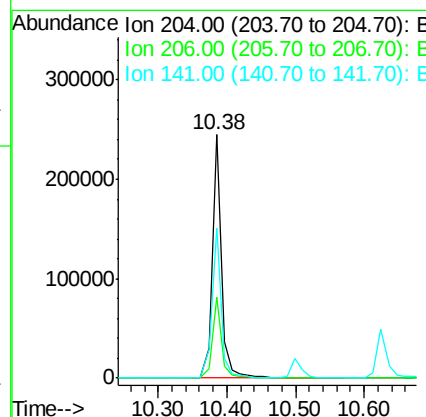
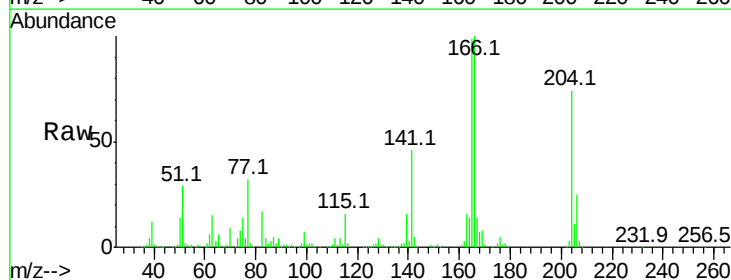
RT: 10.38 min Scan# 726

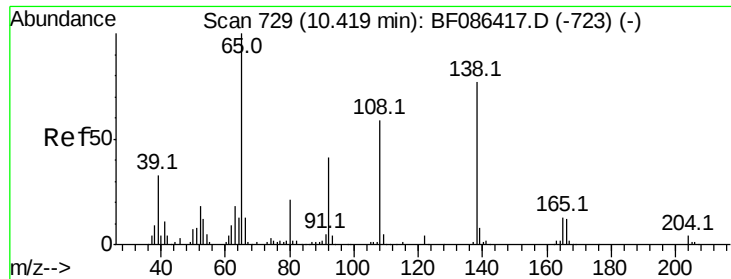
Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Tgt Ion:	204	Resp:	229737
Ion Ratio	Lower	Upper	
204	100		
206	33.2	25.4	38.0
141	61.8	61.6	92.4





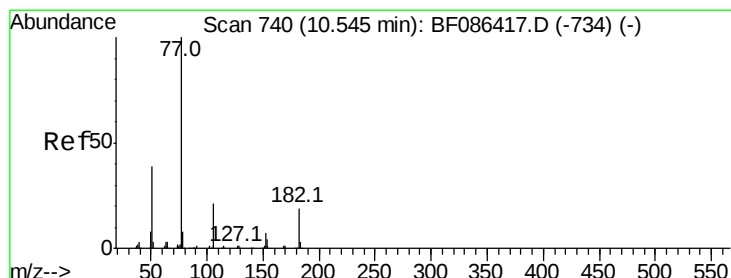
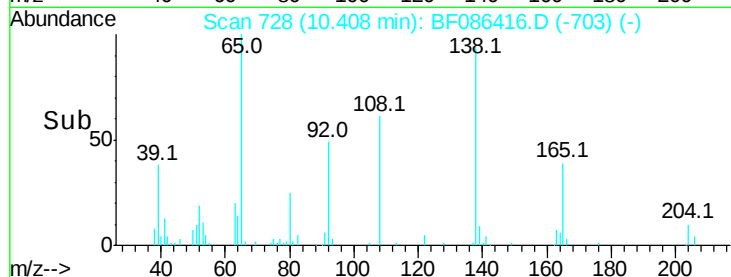
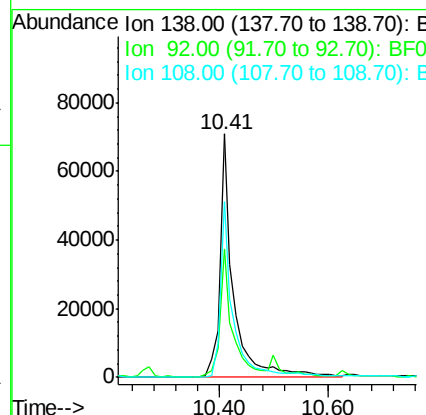
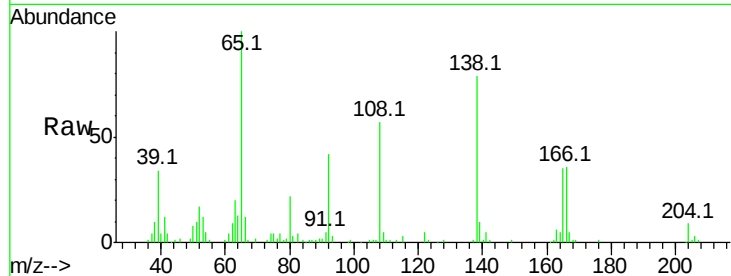
#61
4-Nitroaniline
Concen: 23.54 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Instrument :
BNA_F
ClientSampled :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	52.5	24.7	64.7	
108	72.0	37.4	77.4	

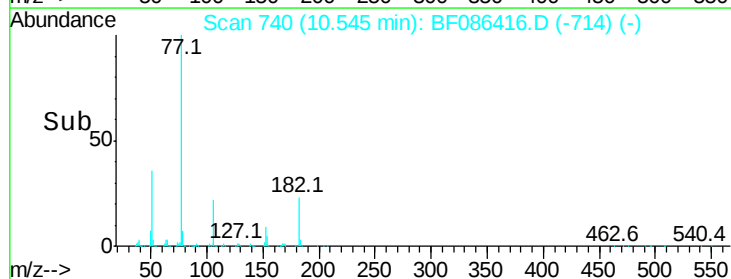
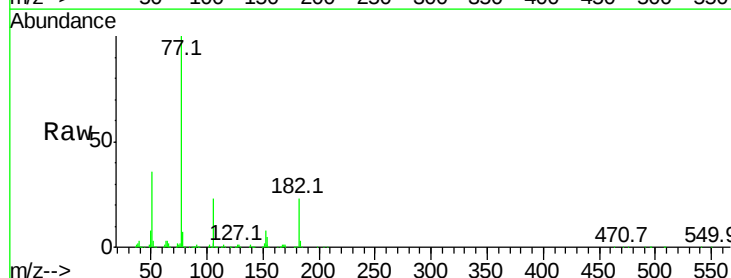
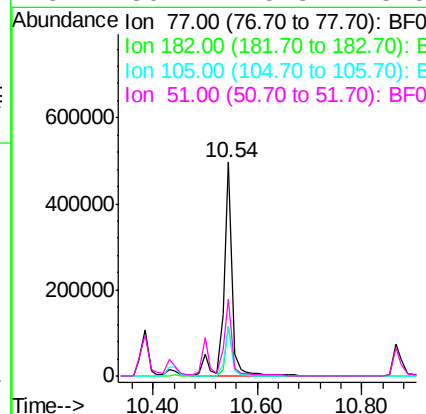
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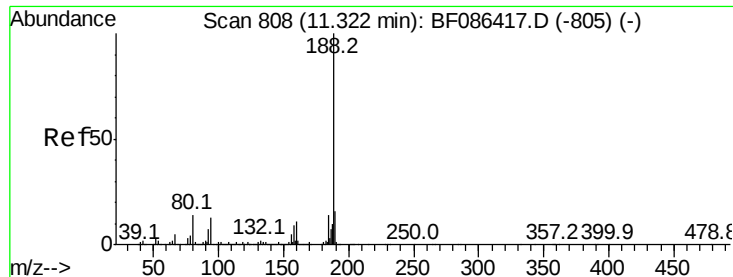
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#62
Azobenzene
Concen: 29.08 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	23.1	0.0	38.8	
105	22.6	3.2	43.2	
51	36.1	8.8	48.8	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

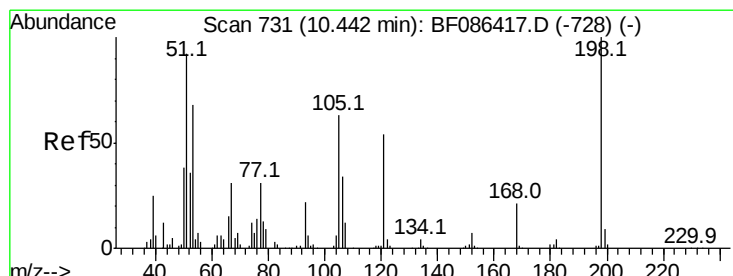
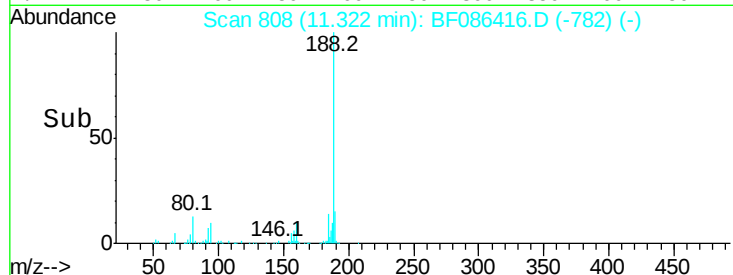
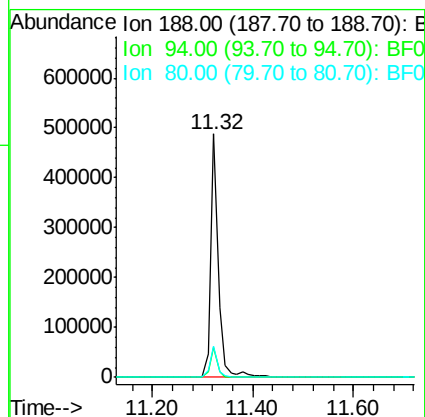
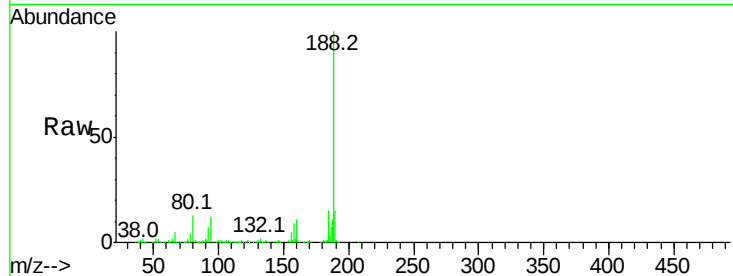
ClientSampleId :

SSTDIC025

Tot Ion:188	Resp:	515758
Ion Ratio	Lower	Upper
188 100		
94 12.3	6.8	10.2#
80 12.9	7.1	10.7#

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#64

4,6-Dinitro-2-methylphenol

Concen: 22.57 ng

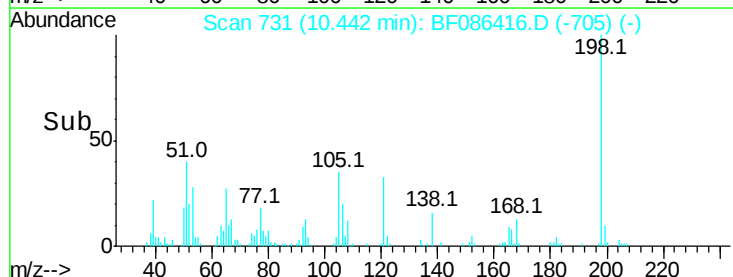
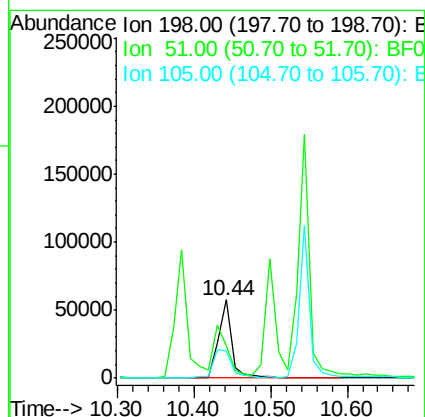
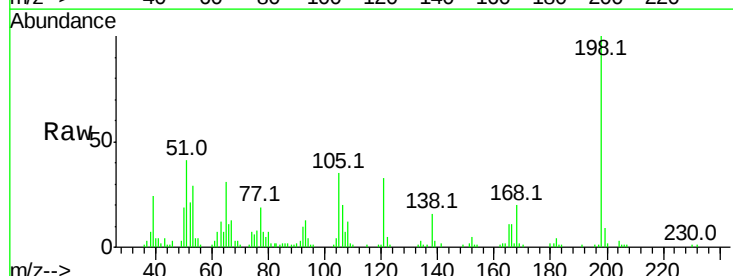
RT: 10.44 min Scan# 731

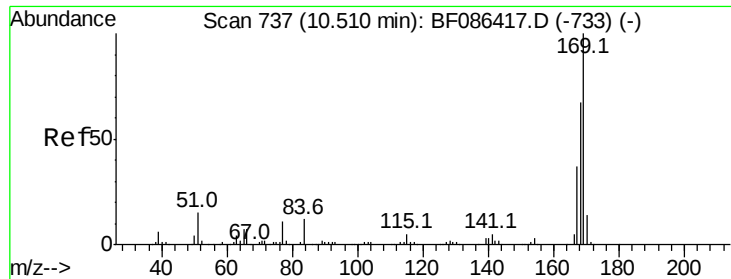
Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Tgt Ion:198	Resp:	71119
Ion Ratio	Lower	Upper
198 100		
51 41.0	20.5	60.5
105 35.0	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 24.47 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

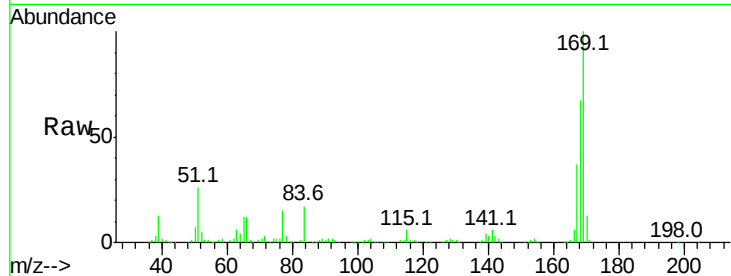
ClientSampleId :

SSTDIC025

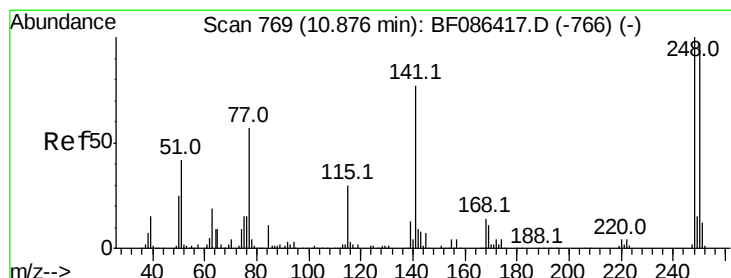
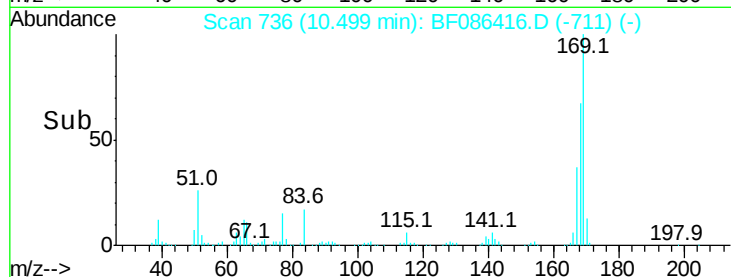
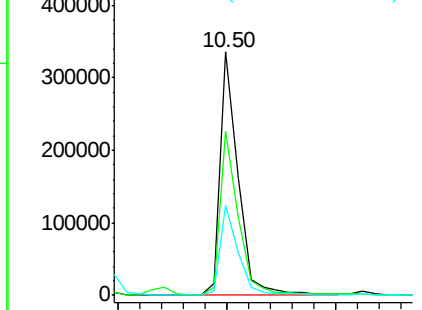
Tot Ion:	169	Resp:	389196
Ion Ratio	Lower	Upper	
169	100		
168	67.4	53.8	80.6
167	37.1	29.5	44.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 26.76 ng

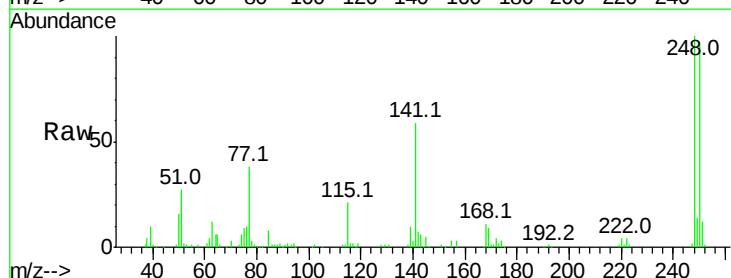
RT: 10.88 min Scan# 769

Delta R.T. 0.00 min

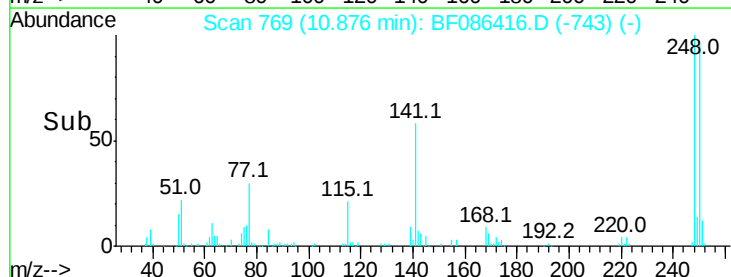
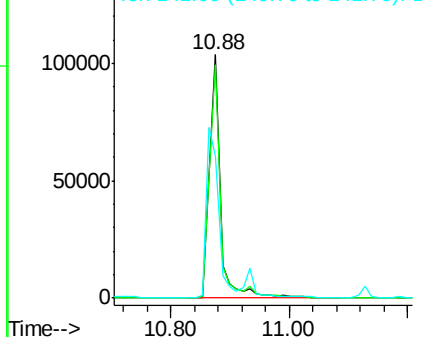
Lab File: BF086416.D

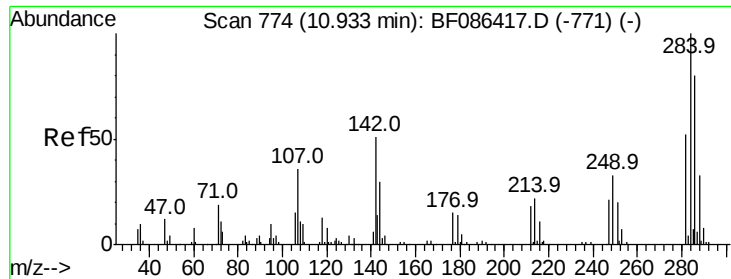
Acq: 27 Apr 2016 11:25

Tgt Ion:	248	Resp:	135124
Ion Ratio	Lower	Upper	
248	100		
250	95.8	78.6	117.8
141	58.8	76.0	114.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 27.77 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

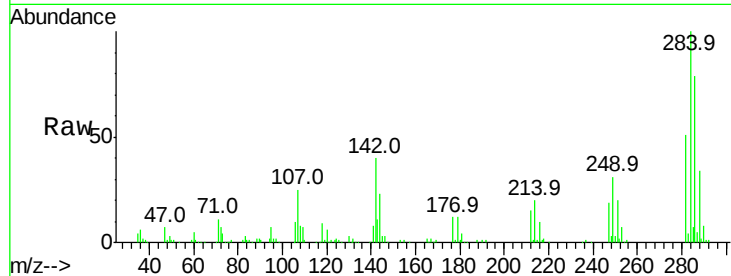
ClientSampleId :

SSTDIC025

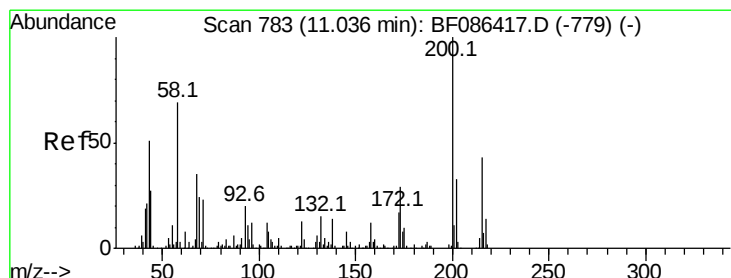
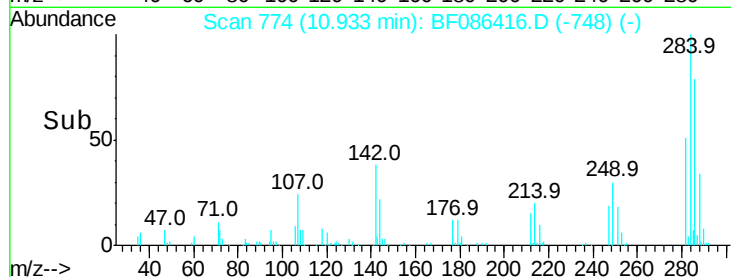
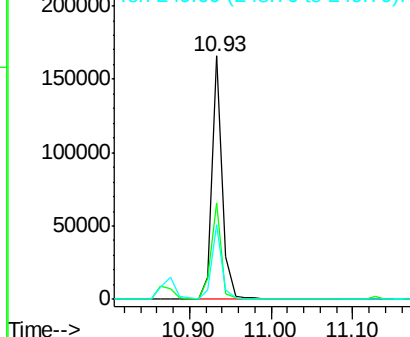
Tot Ion:	284	Resp:	149640
Ion Ratio	Lower	Upper	
284	100		
142	39.5	16.7	25.1#
249	30.6	21.3	31.9

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 24.95 ng

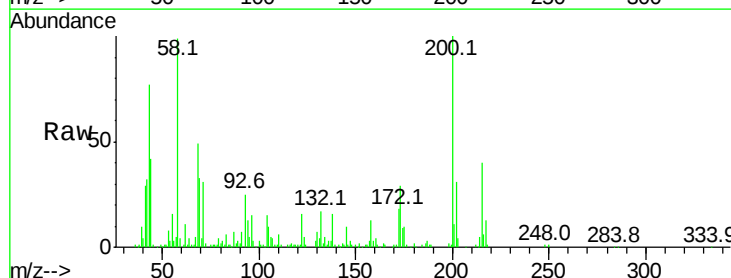
RT: 11.02 min Scan# 782

Delta R.T. -0.01 min

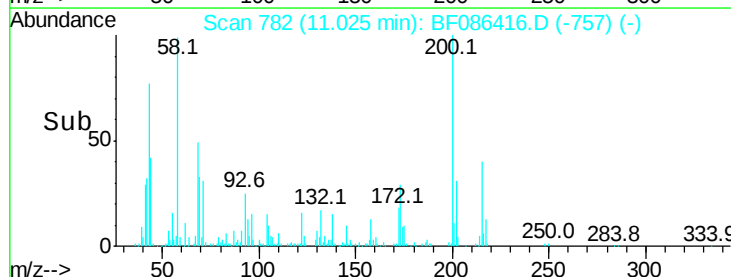
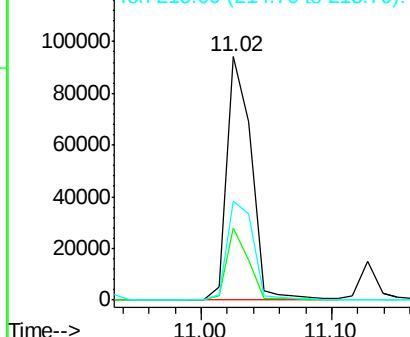
Lab File: BF086416.D

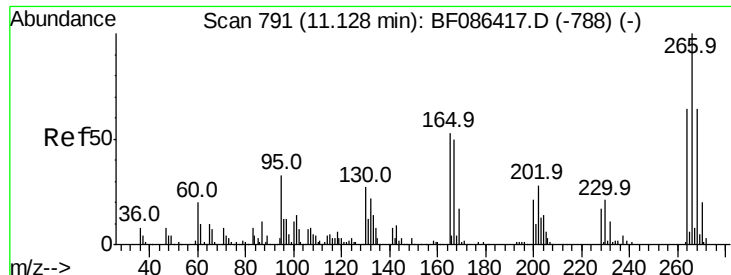
Acq: 27 Apr 2016 11:25

Tgt Ion:	200	Resp:	122489
Ion Ratio	Lower	Upper	
200	100		
173	29.5	8.5	48.5
215	40.4	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





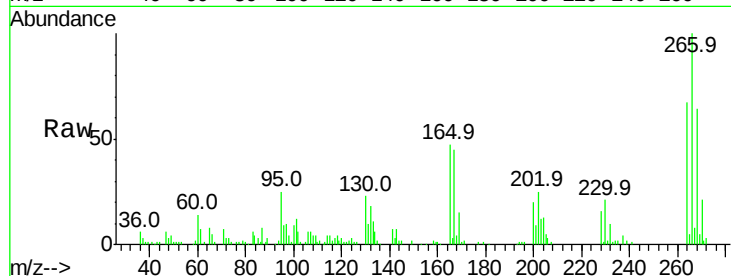
#69
 Pentachlorophenol
 Concen: 25.11 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

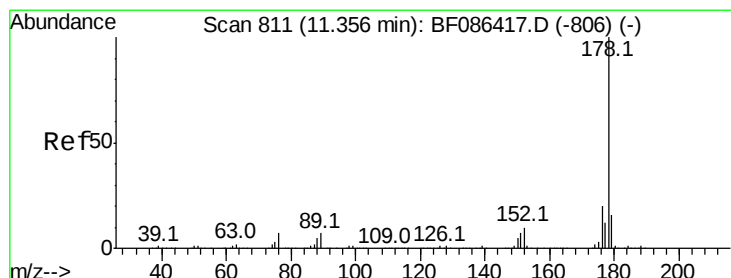
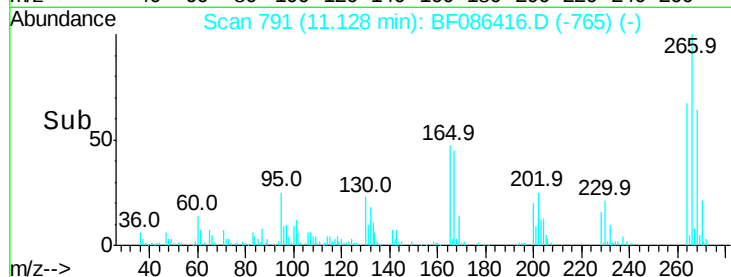
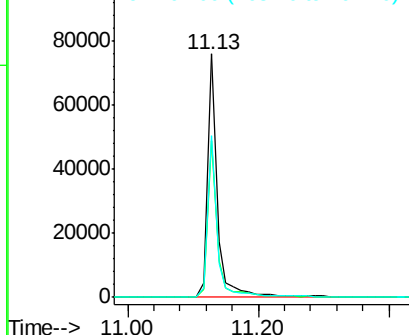
Tot Ion	Ratio	Resp	Lower	Upper
266	100	79455		
268	64.2		51.5	77.3
264	66.6		52.9	79.3

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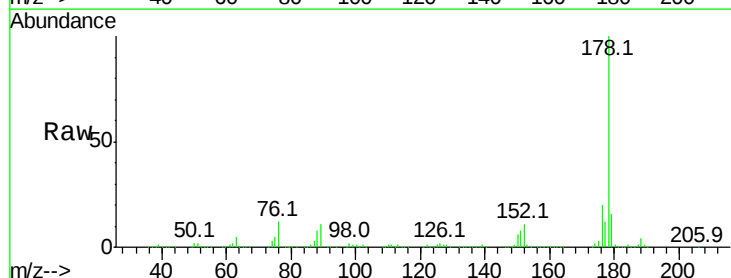


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

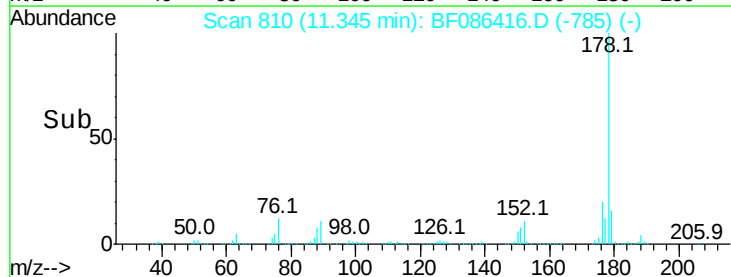
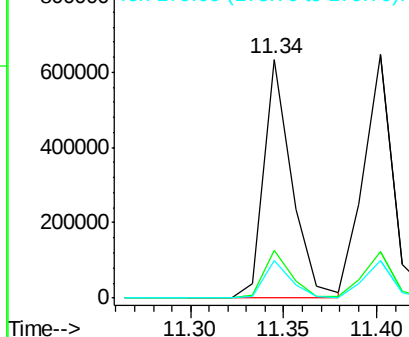


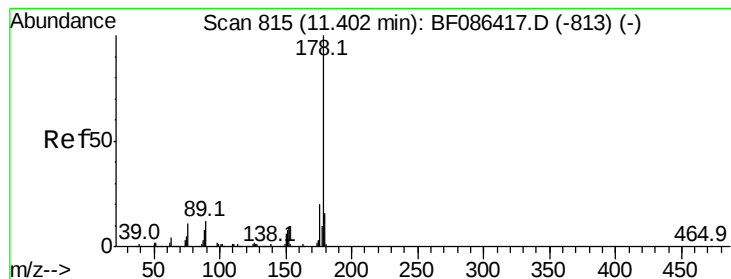
#70
 Phenanthrene
 Concen: 25.30 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	655550		
176	20.1		16.0	24.0
179	15.7		12.6	18.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





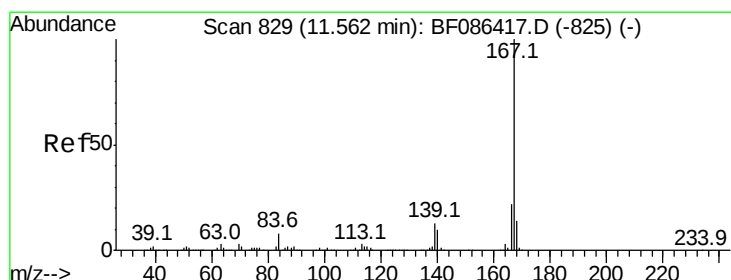
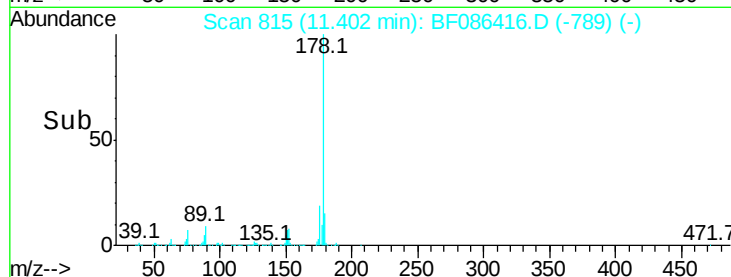
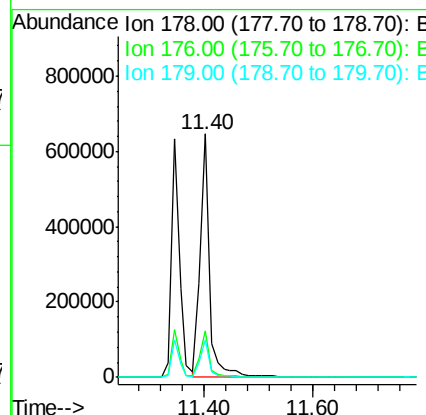
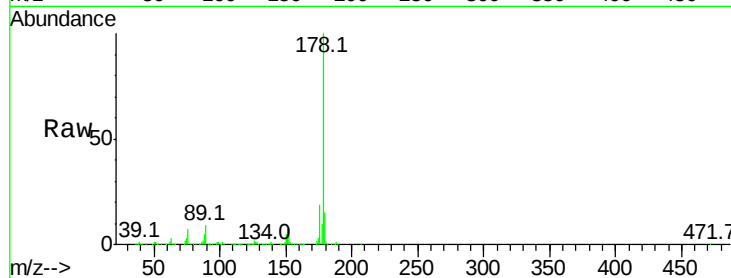
#71
 Anthracene
 Concen: 25.62 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.5	12.7	19.1

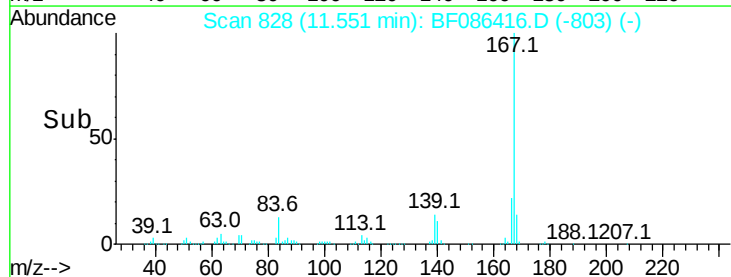
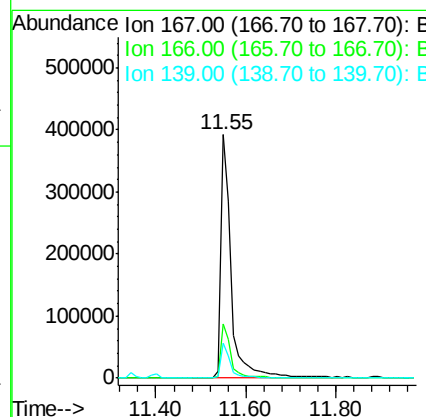
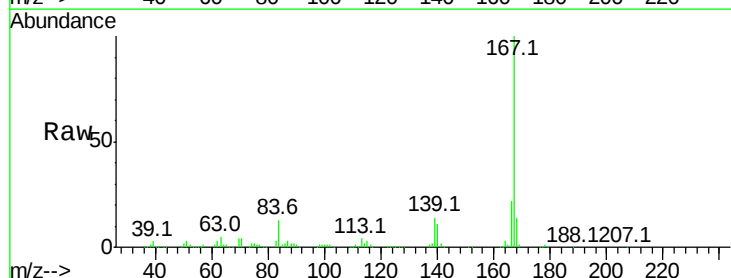
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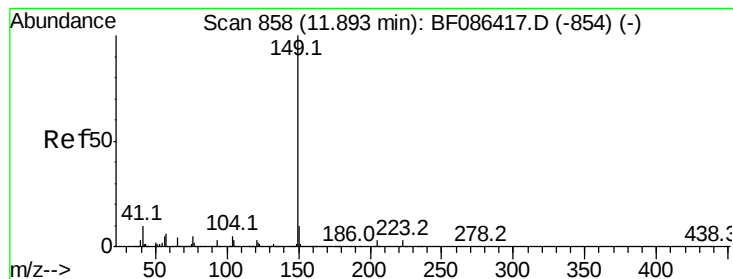
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#72
 Carbazole
 Concen: 22.65 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	14.4	10.8	16.2





#73

Di-n-butylphthalate

Concen: 27.29 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

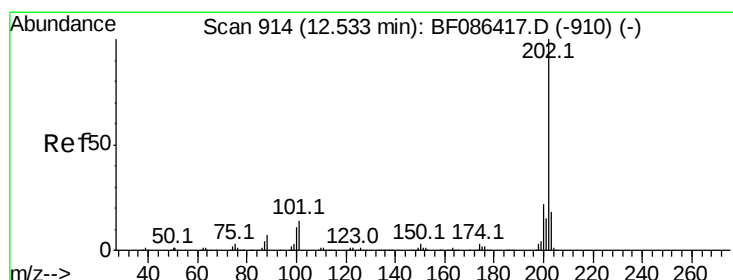
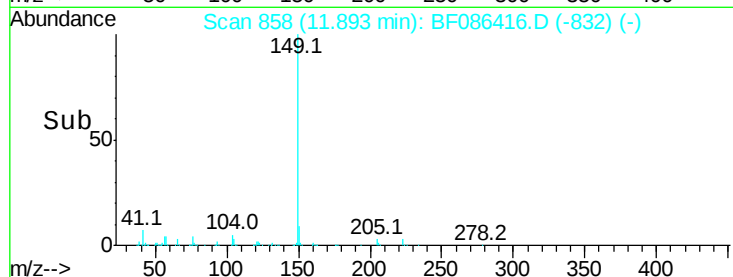
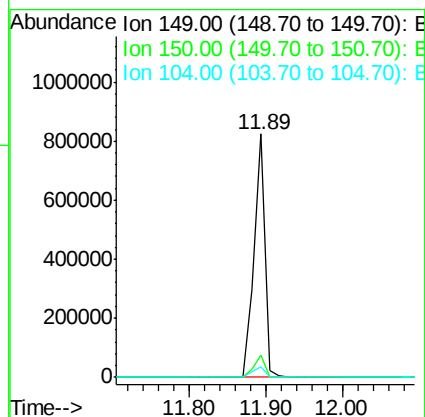
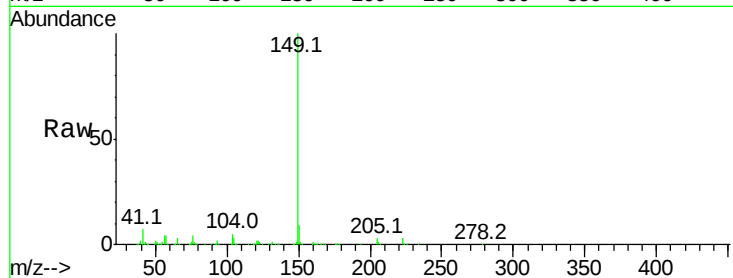
ClientSampleId :

SSTDIC025

Tot Ion:	149	Resp:	800535
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.6	11.4
104	4.5	3.8	5.6

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#74

Fluoranthene

Concen: 26.44 ng

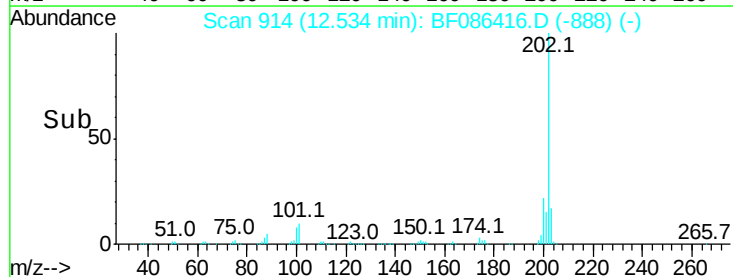
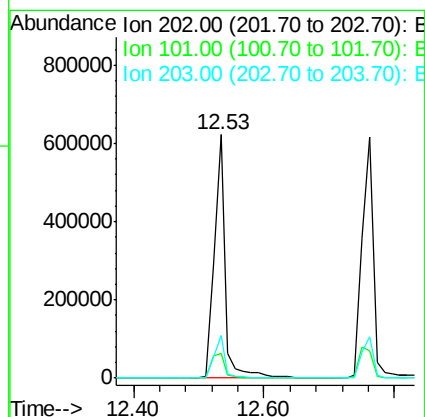
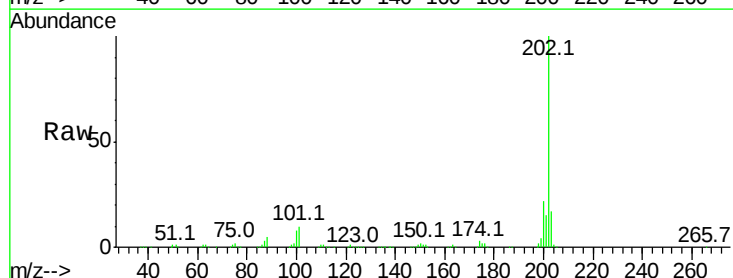
RT: 12.53 min Scan# 914

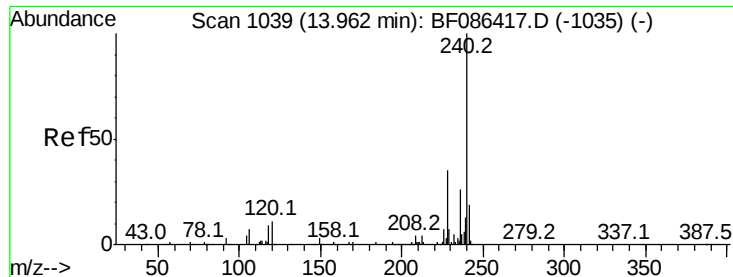
Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Tgt Ion:	202	Resp:	738982
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	35.4
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

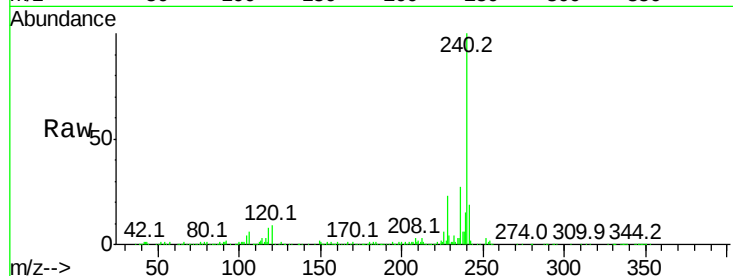
ClientSampleId :

SSTDICC025

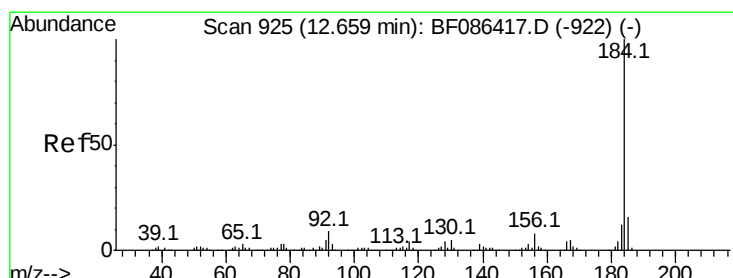
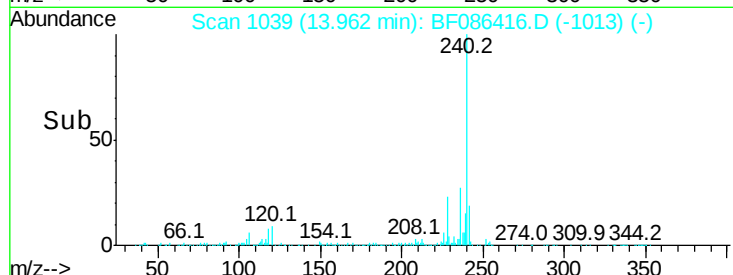
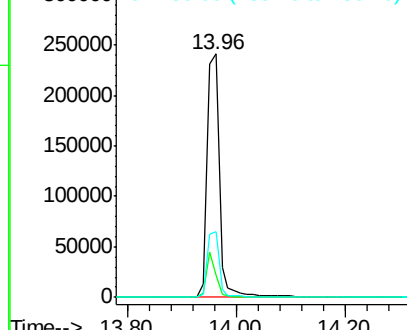
Tot Ion:	240	Resp:	380045
Ion Ratio	Lower	Upper	
240	100		
120	9.1	11.2	16.8#
236	26.8	21.2	31.8

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.00 ng

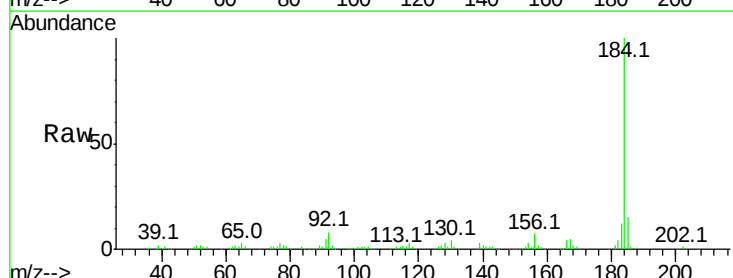
RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

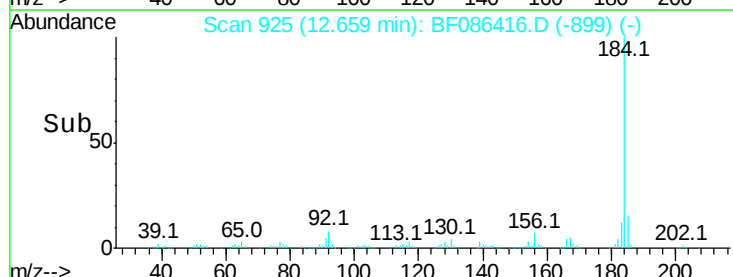
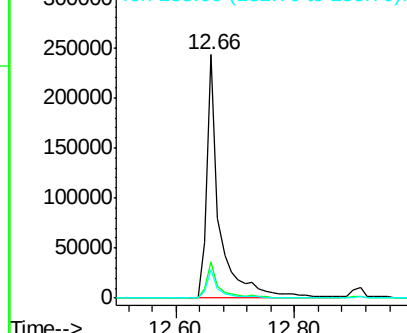
Lab File: BF086416.D

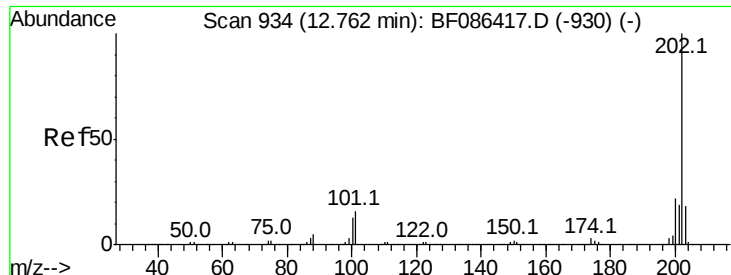
Acq: 27 Apr 2016 11:25

Tgt Ion:	184	Resp:	374009
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.6	20.4
183	11.7	9.8	14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 27.63 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

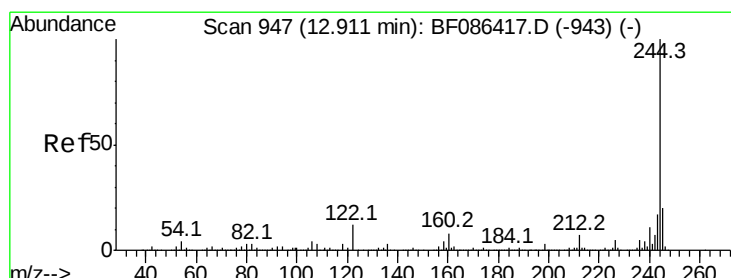
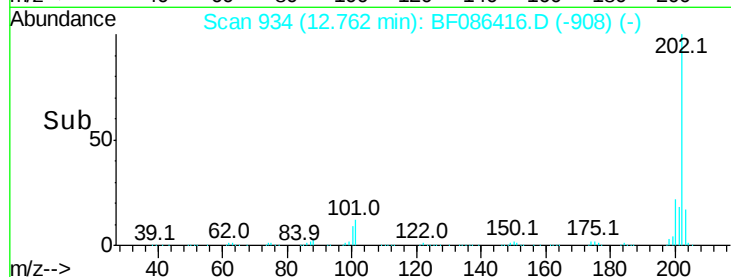
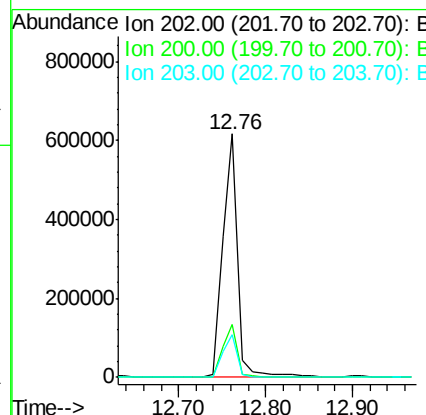
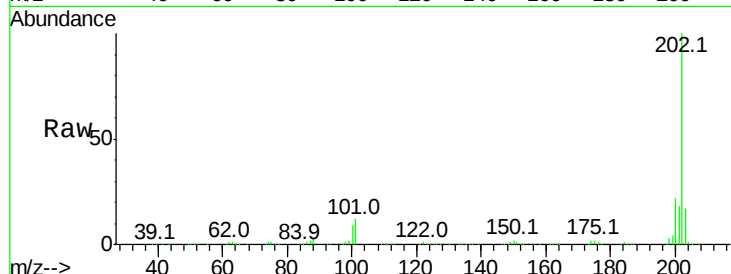
ClientSampleId :

SSTDICC025

Tot Ion:	202	Resp:	732264
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.7	26.5
203	17.3	14.2	21.4

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#78

Terphenyl-d14

Concen: 61.19 ng

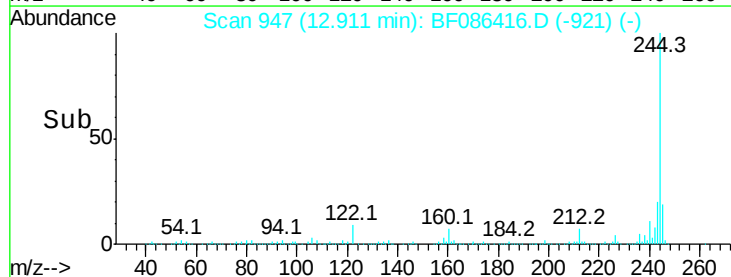
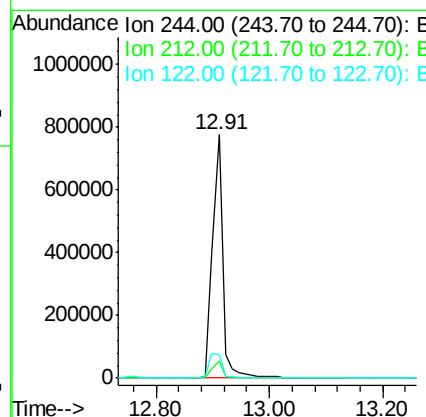
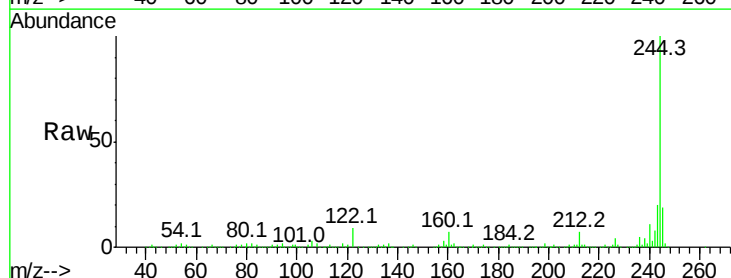
RT: 12.91 min Scan# 947

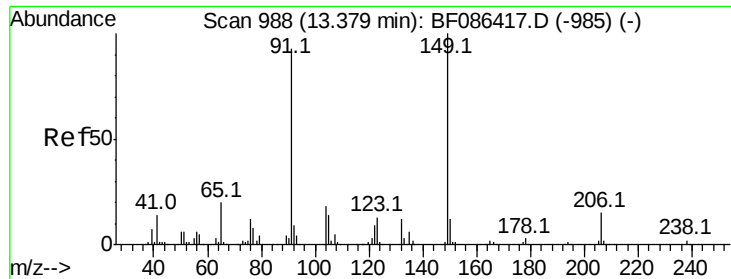
Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Tgt Ion:	244	Resp:	935901
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.2	9.2
122	9.4	12.0	18.0#





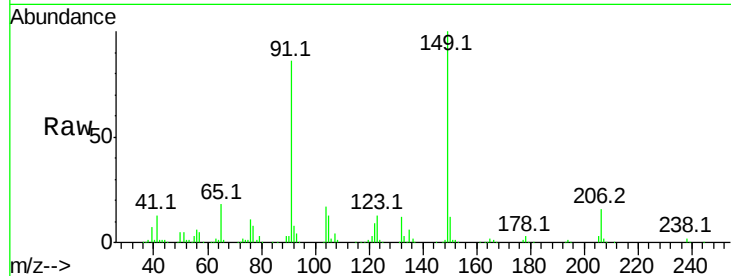
#79
Butylbenzylphthalate
Concen: 24.57 ng
RT: 13.38 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

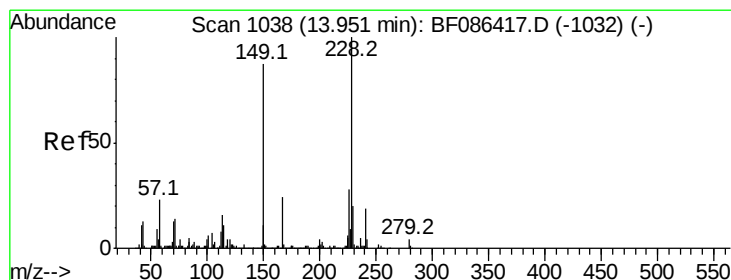
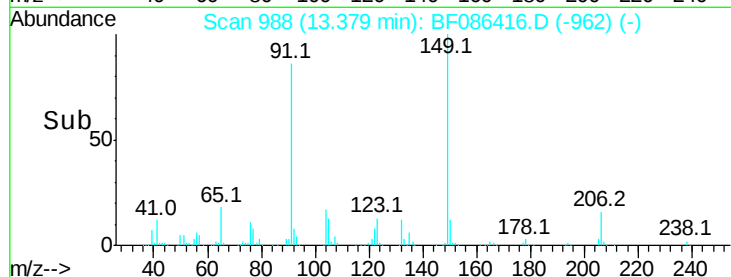
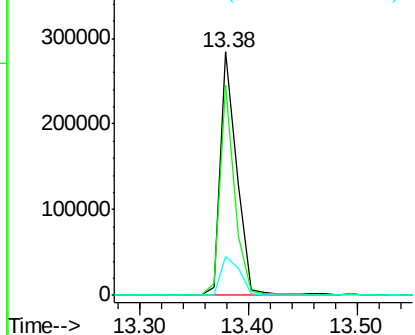
Tot Ion	Ratio	Resp	Lower	Upper
149	100	303396		
91	86.4	48.0	72.0#	
206	15.8	15.8	23.6	

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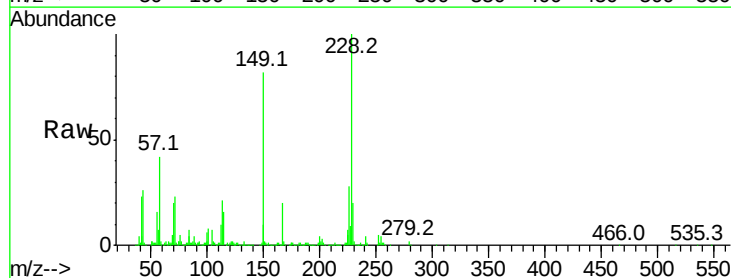


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

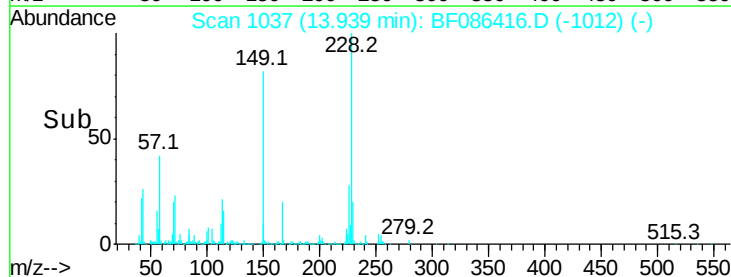
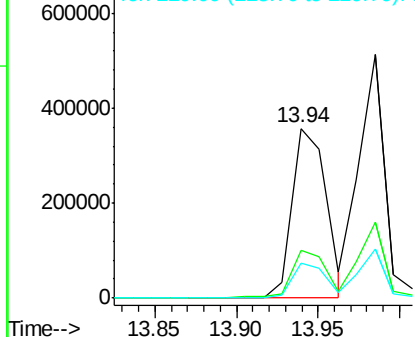


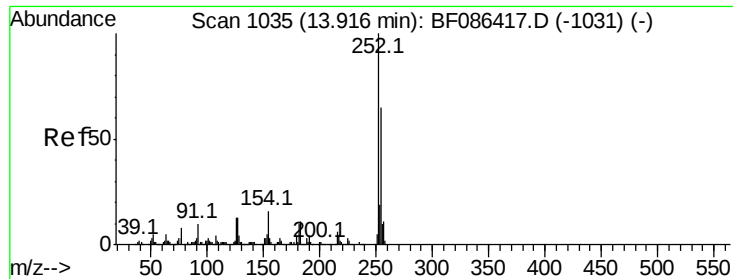
#80
Benzo(a)anthracene
Concen: 26.46 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	522120		
226	28.3	22.5	33.7	
229	20.5	16.6	25.0	



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





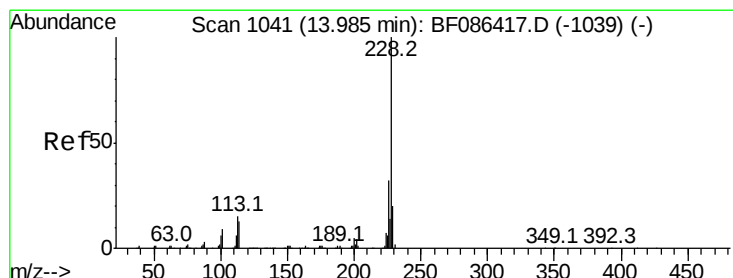
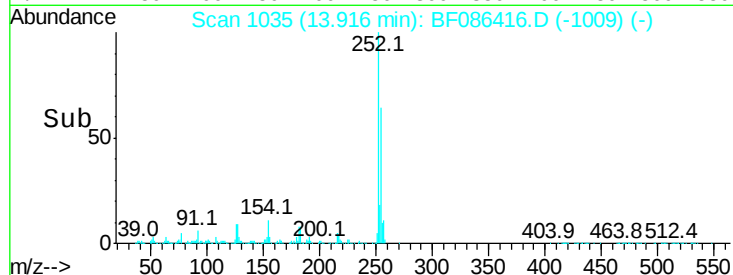
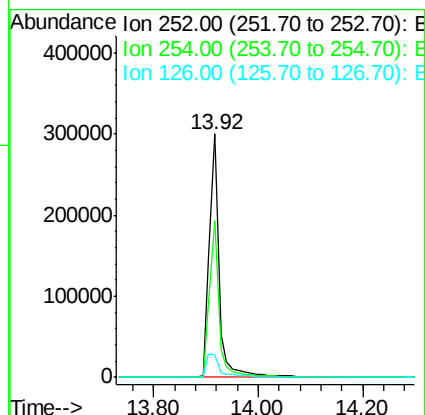
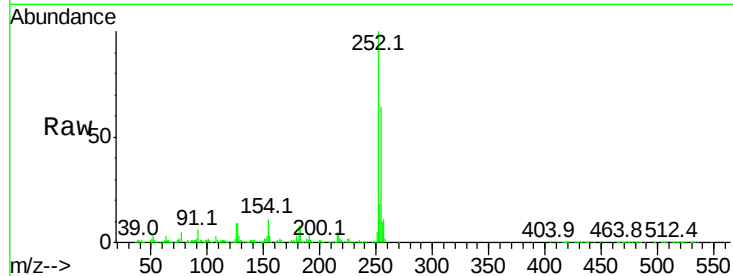
#81
 3,3'-Dichlorobenzidine
 Concen: 28.91 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.5	50.7	76.1	
126	9.2	12.7	19.1	

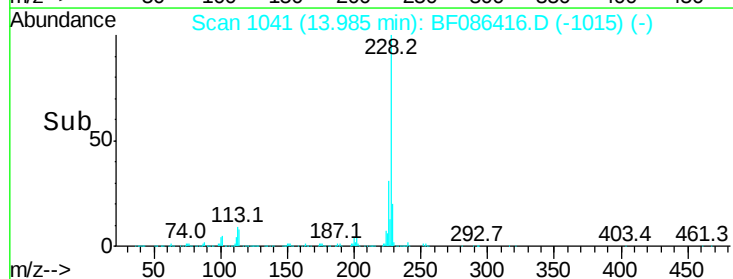
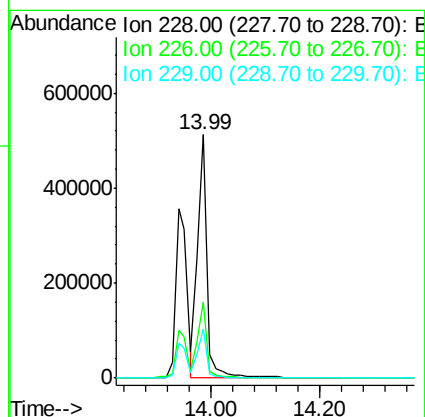
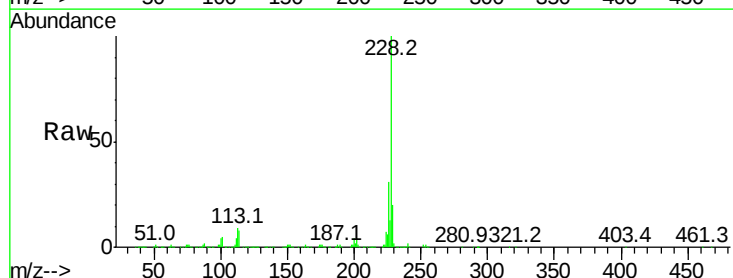
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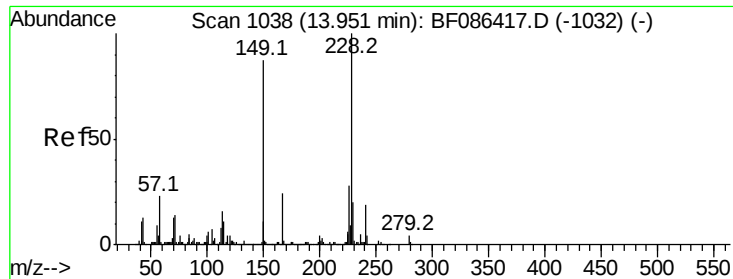
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#82
 Chrysene
 Concen: 27.51 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.3	24.4	36.6	
229	20.1	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 28.03 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:149 Resp: 387548

Ion Ratio Lower Upper

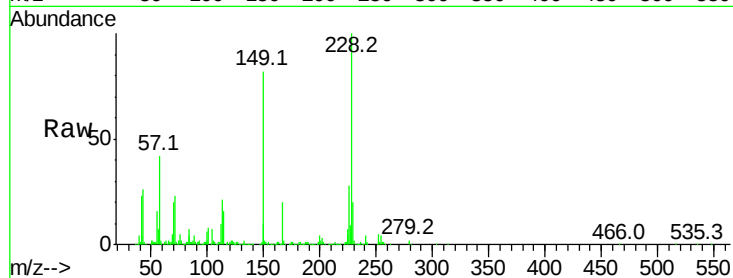
149 100

167 24.0 21.8 32.6

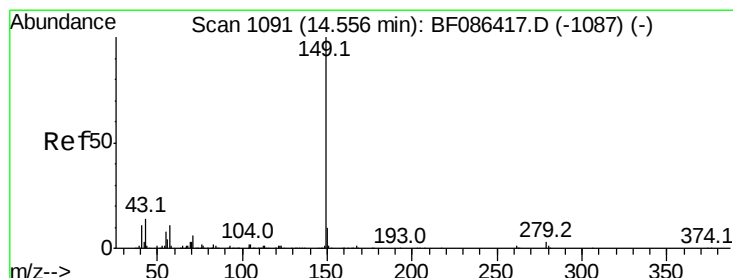
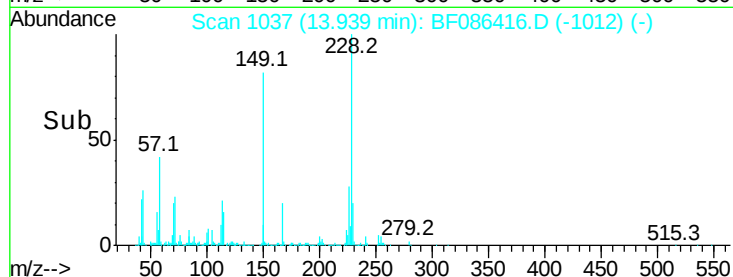
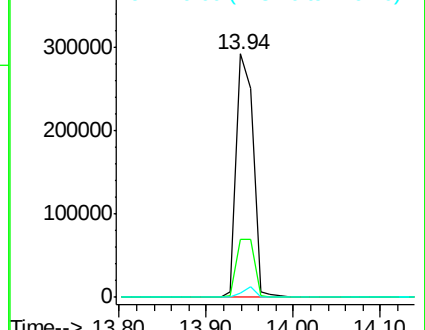
279 1.9 2.6 4.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 24.42 ng

RT: 14.56 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

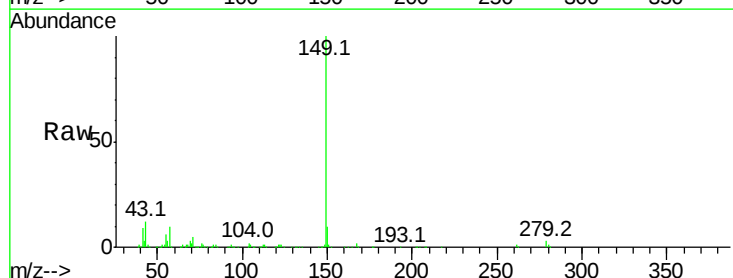
Tgt Ion:149 Resp: 648297

Ion Ratio Lower Upper

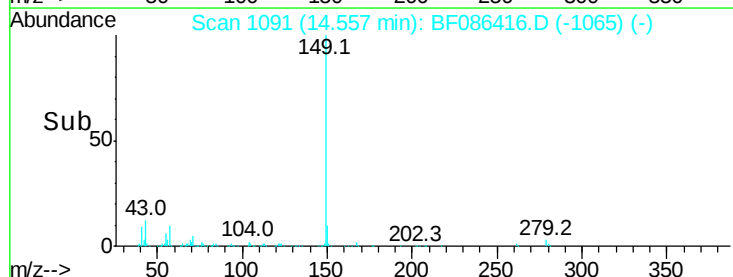
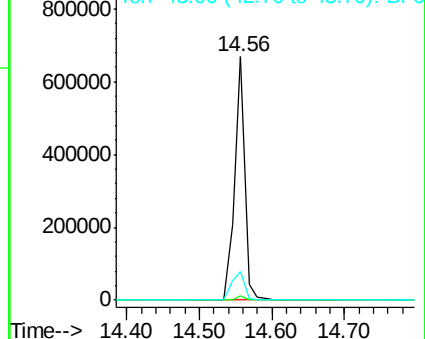
149 100

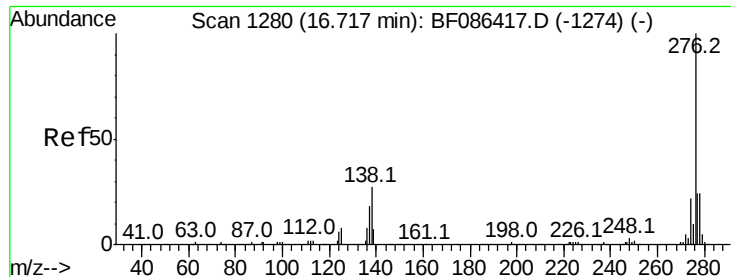
167 1.5 1.2 1.8

43 14.8 8.2 12.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





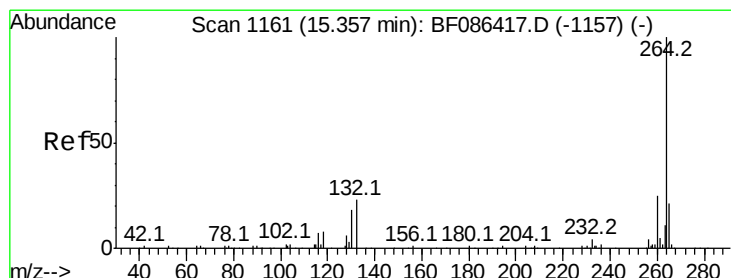
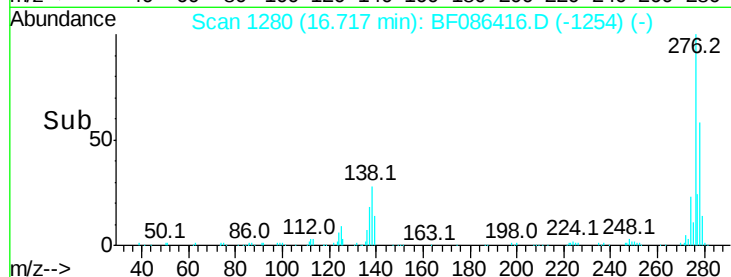
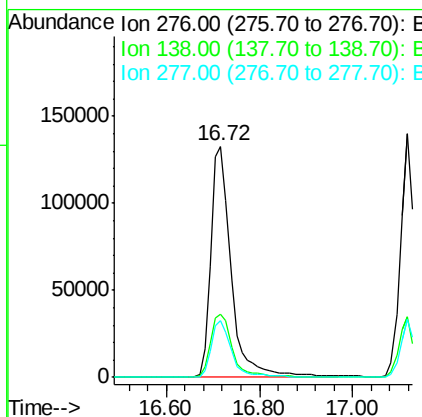
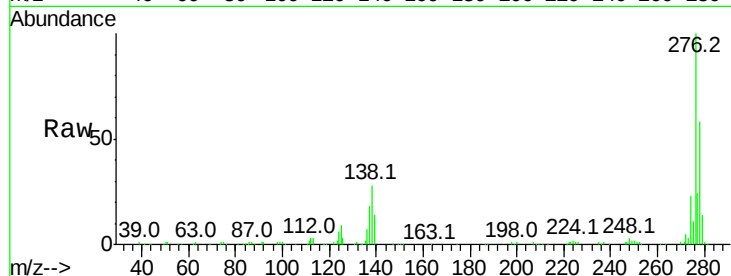
#85
Indeno(1,2,3-cd)pyrene
Concen: 20.56 ng
RT: 16.72 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
276	100	406273		
138	29.8		25.6	38.4
277	24.6		20.5	30.7

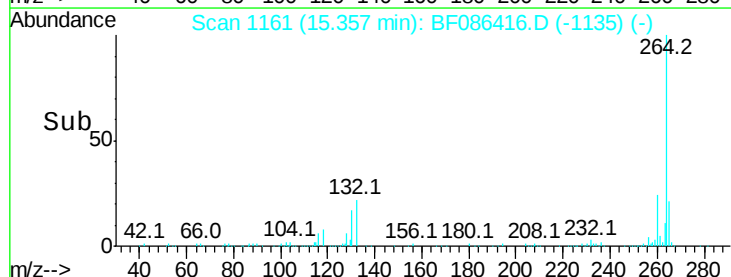
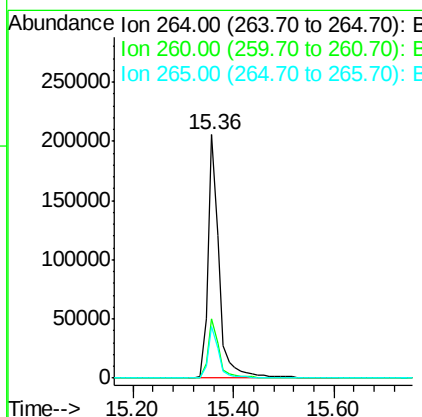
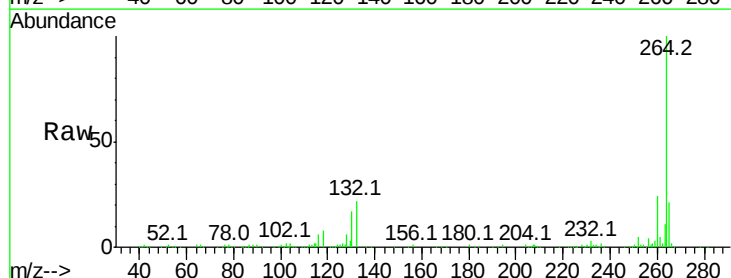
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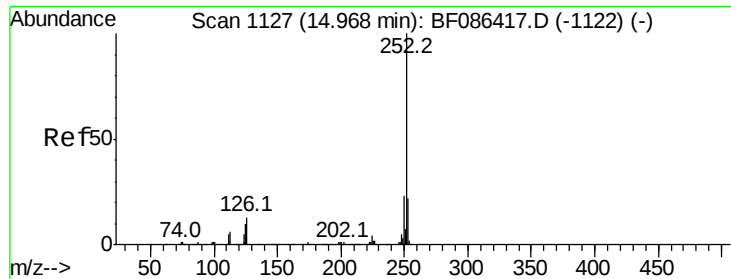
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	315610		
260	24.2		19.5	29.3
265	21.0		17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 32.31 ng m

RT: 14.96 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

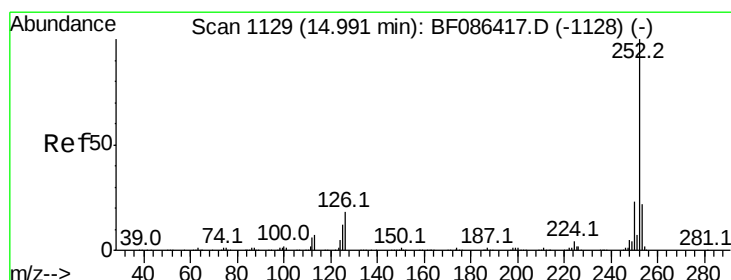
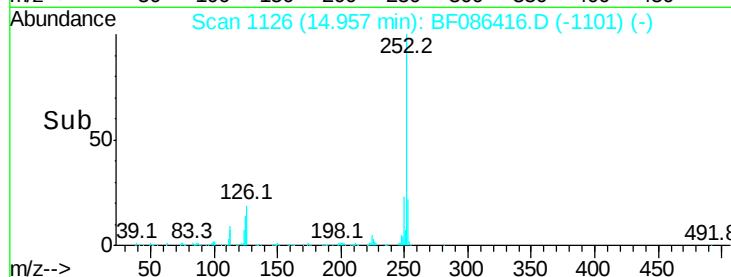
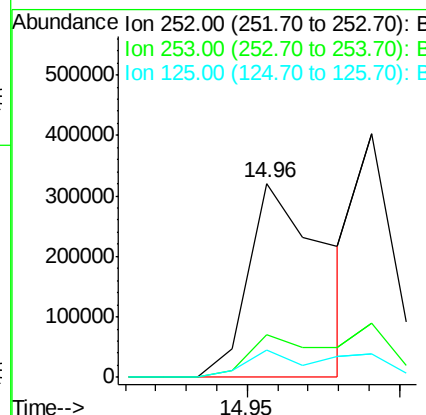
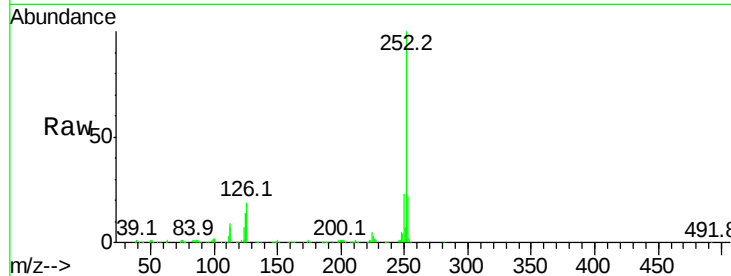
ClientSampleId :

SSTDICC025

Tot Ion:	252	Resp:	559687
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	14.0	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 24.87 ng m

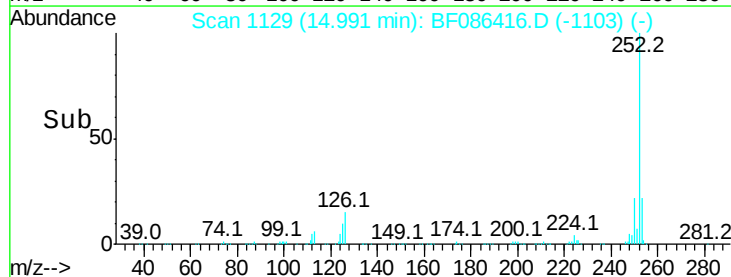
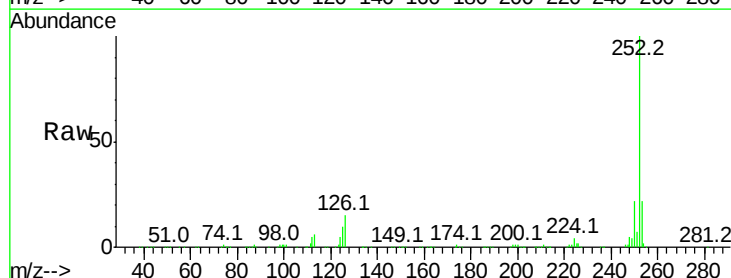
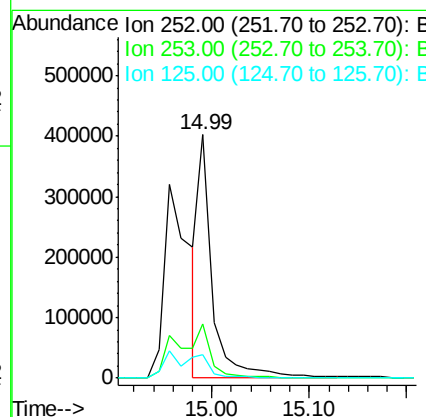
RT: 14.99 min Scan# 1129

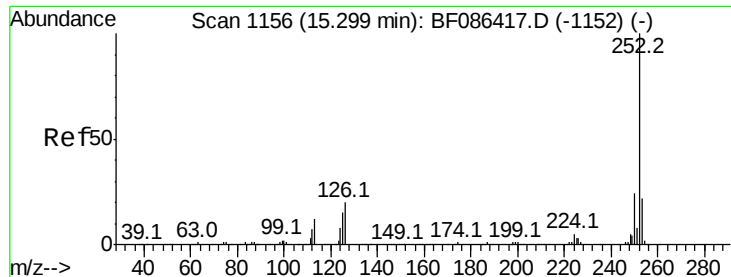
Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Tgt Ion:	252	Resp:	422815
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.6
125	9.9	9.1	13.7





#89

Benzo(a)pyrene

Concen: 25.95 ng

RT: 15.30 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

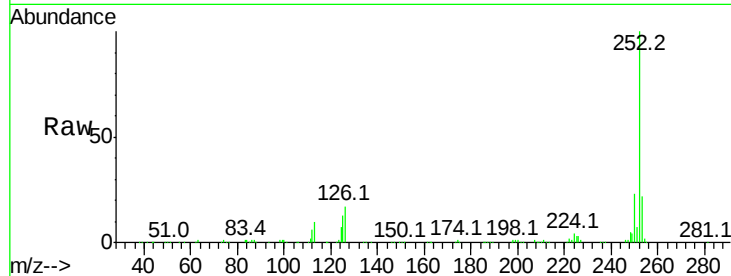
ClientSampleId :

SSTDIC025

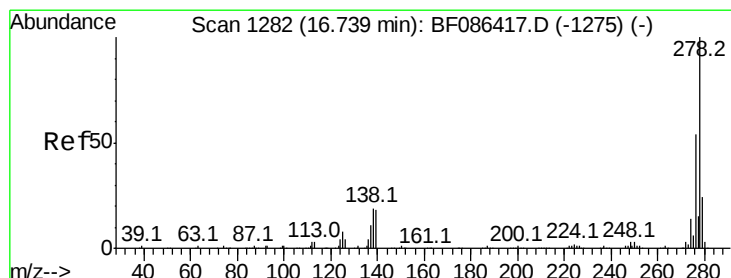
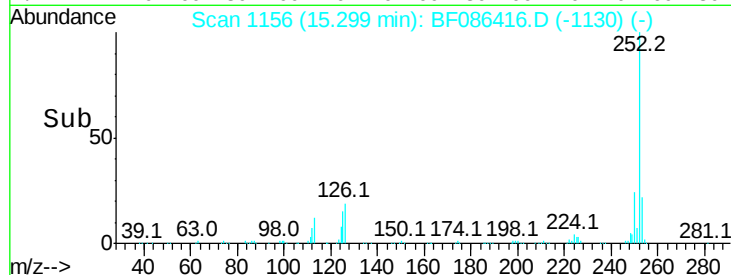
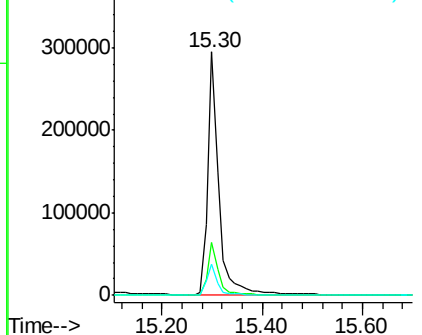
Tot Ion:	252	Resp:	443450
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.2	25.8
125	12.9	9.0	13.6

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 23.91 ng

RT: 16.73 min Scan# 1281

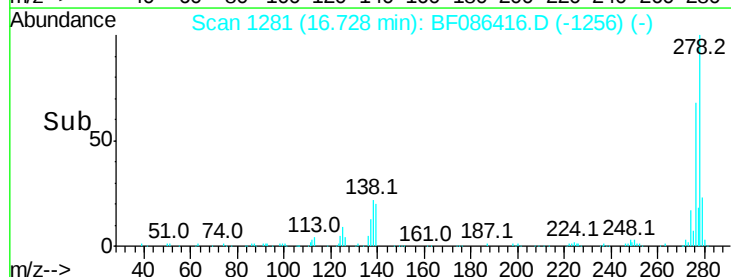
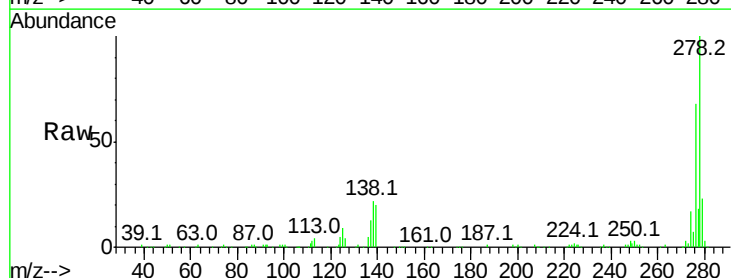
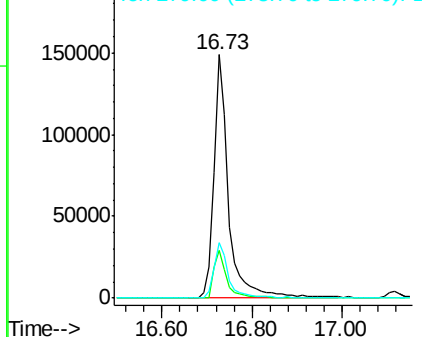
Delta R.T. -0.01 min

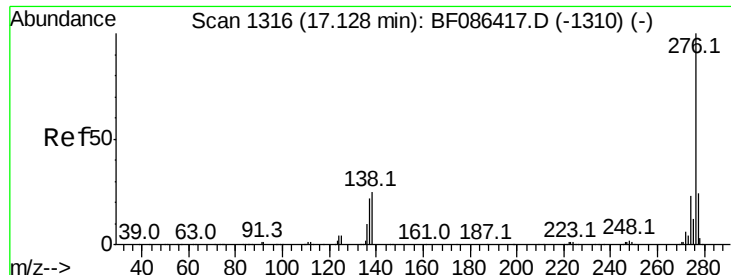
Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Tgt Ion:	278	Resp:	337045
Ion Ratio	Lower	Upper	
278	100		
139	19.6	16.6	24.8
279	23.0	19.6	29.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





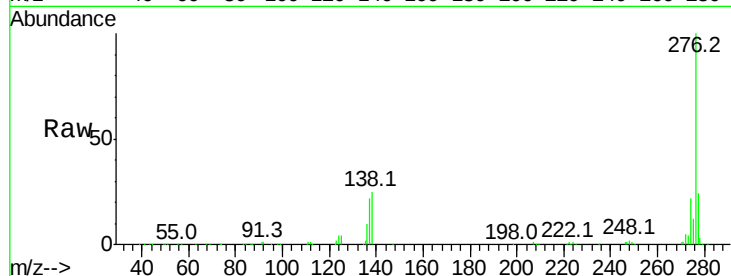
#91
 Benzo(a,h,i)perylene
 Concen: 22.19 ng
 RT: 17.12 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:	276	Resp:	322968
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.6	29.4
138	24.8	23.6	35.4

Manual Integrations
 APPROVED

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

