

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086418.D
 Acq On : 27 Apr 2016 12:22
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
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 4/28/2016 1:39:55 PM

Quant Time: Apr 27 13:03:08 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	124248	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	522978	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	251949	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	445673	20.00	ng	0.00
75) Chrysene-d12	13.96	240	312426	20.00	ng	0.00
86) Perylene-d12	15.36	264	248286	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	731005	101.60	ng	0.00
7) Phenol-d6	6.44	99	980800	100.28	ng	0.00
23) Nitrobenzene-d5	7.38	82	994582	112.66	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	278061	121.92	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1432805	97.05	ng	0.00
78) Terphenyl-d14	12.91	244	1407015	111.89	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.35	88	185017	46.50	ng	# 77
3) Pyridine	3.06	79	459825	48.50	ng	# 75
4) n-Nitrosodimethylamine	3.01	42	276720	81.77	ng	# 61
6) Aniline	6.46	93	639916	53.61	ng	92
8) 2-Chlorophenol	6.59	128	442984	50.43	ng	95
9) Benzaldehyde	6.35	77	273800	46.08	ng	99
10) Phenol	6.45	94	514542	44.55	ng	73
11) bis(2-Chloroethyl)ether	6.54	93	450945	44.85	ng	86
12) 1,3-Dichlorobenzene	6.75	146	460689	49.18	ng	98
13) 1,4-Dichlorobenzene	6.82	146	478118m	46.46	ng	
14) 1,2-Dichlorobenzene	6.98	146	463014	49.52	ng	99
15) Benzyl Alcohol	6.96	79	344479	59.34	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	938223	71.18	ng	89
17) 2-Methylphenol	7.07	107	369826	51.38	ng	96
18) Hexachloroethane	7.32	117	182705	52.71	ng	# 86
19) n-Nitroso-di-n-propylamine	7.23	70	306958	52.52	ng	# 73
20) 3+4-Methylphenols	7.22	107	422493	55.37	ng	# 89
22) Acetophenone	7.22	105	578640	52.74	ng	# 85
24) Nitrobenzene	7.39	77	478442	50.52	ng	96
25) Isophorone	7.64	82	926279	53.54	ng	95
26) 2-Nitrophenol	7.71	139	245136	52.39	ng	88
27) 2,4-Dimethylphenol	7.76	122	422759	52.77	ng	95
28) bis(2-Chloroethoxy)methane	7.85	93	497744	51.52	ng	99
29) 2,4-Dichlorophenol	7.95	162	348612	52.64	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	379633	52.77	ng	95
31) Naphthalene	8.11	128	1198409	44.98	ng	99
32) Benzoic acid	7.89	122	243523	47.54	ng	90
33) 4-Chloroaniline	8.17	127	527975	50.88	ng	96
34) Hexachlorobutadiene	8.24	225	223933	62.34	ng	99
35) Caprolactam	8.56	113	119898	50.46	ng	# 79
36) 4-Chloro-3-methylphenol	8.65	107	381270	48.44	ng	91
37) 2-Methylnaphthalene	8.81	142	801919	52.19	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	324613	49.80	ng	98
40) Hexachlorocyclopentadiene	8.96	237	180461	56.68	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	230039	53.82	nq	96
43) 2,4,5-Trichlorophenol	9.13	196	255125	48.48	nq	97
45) 1,1'-Biphenyl	9.28	154	1032700	52.83	nq	99
46) 2-Chloronaphthalene	9.30	162	796984	51.51	nq	100
47) 2-Nitroaniline	9.39	65	267122	55.45	nq #	82
48) Acenaphthylene	9.71	152	1232509	49.13	nq	100
49) Dimethylphthalate	9.57	163	871775	47.89	nq	99
50) 2,6-Dinitrotoluene	9.64	165	203019	51.64	nq #	69
51) Acenaphthene	9.88	154	794311	51.54	nq	99
52) 3-Nitroaniline	9.80	138	219797	44.66	nq	83
53) 2,4-Dinitrophenol	9.90	184	94230	46.10	nq #	78
54) Dibenzofuran	10.05	168	989156	49.98	nq	100
55) 4-Nitrophenol	9.96	139	148773	43.19	nq #	67
56) 2,4-Dinitrotoluene	10.04	165	269193	51.56	nq #	82
57) Fluorene	10.40	166	815586	50.29	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	198039	51.49	nq	98
59) Diethylphthalate	10.27	149	814411	46.73	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	352566	49.71	nq	94
61) 4-Nitroaniline	10.42	138	225763	44.81	nq	82
62) Azobenzene	10.54	77	940358	52.03	nq	91
64) 4,6-Dinitro-2-methylphenol	10.44	198	131965	48.46	nq #	35
65) n-Nitrosodiphenylamine	10.51	169	715824	52.09	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	242219	55.50	nq	90
67) Hexachlorobenzene	10.93	284	256319	55.05	nq #	65
68) Atrazine	11.04	200	211354	49.81	nq	96
69) Pentachlorophenol	11.13	266	146493	53.58	nq	98
70) Phenanthrene	11.36	178	1157733	51.70	nq	100
71) Anthracene	11.40	178	1205118	46.97	nq	99
72) Carbazole	11.56	167	1140307	47.32	nq	99
73) Di-n-butylphthalate	11.89	149	1295023	51.08	nq	99
74) Fluoranthene	12.53	202	1179795	48.85	nq	98
76) Benzidine	12.66	184	562715	43.92	nq	99
77) Pyrene	12.76	202	1174941	53.92	nq	99
79) Butylbenzylphthalate	13.38	149	514219	50.66	nq #	65
80) Benzo(a)anthracene	13.95	228	825552	50.90	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	575765	51.47	nq	97
82) Chrysene	13.99	228	939732	51.43	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	636767	56.02	nq #	99
84) Di-n-octyl phthalate	14.56	149	1059371	48.55	nq #	89
85) Indeno(1,2,3-cd)pyrene	16.72	276	717261	44.16	nq	97
87) Benzo(b)fluoranthene	14.97	252	796112m	58.42	nq	
88) Benzo(k)fluoranthene	14.99	252	691885m	51.73	nq	
89) Benzo(a)pyrene	15.30	252	683667	50.85	nq #	95
90) Dibenzo(a,h)anthracene	16.74	278	601576	54.24	nq	97
91) Benzo(g,h,i)perylene	17.13	276	596689	52.12	nq	95

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

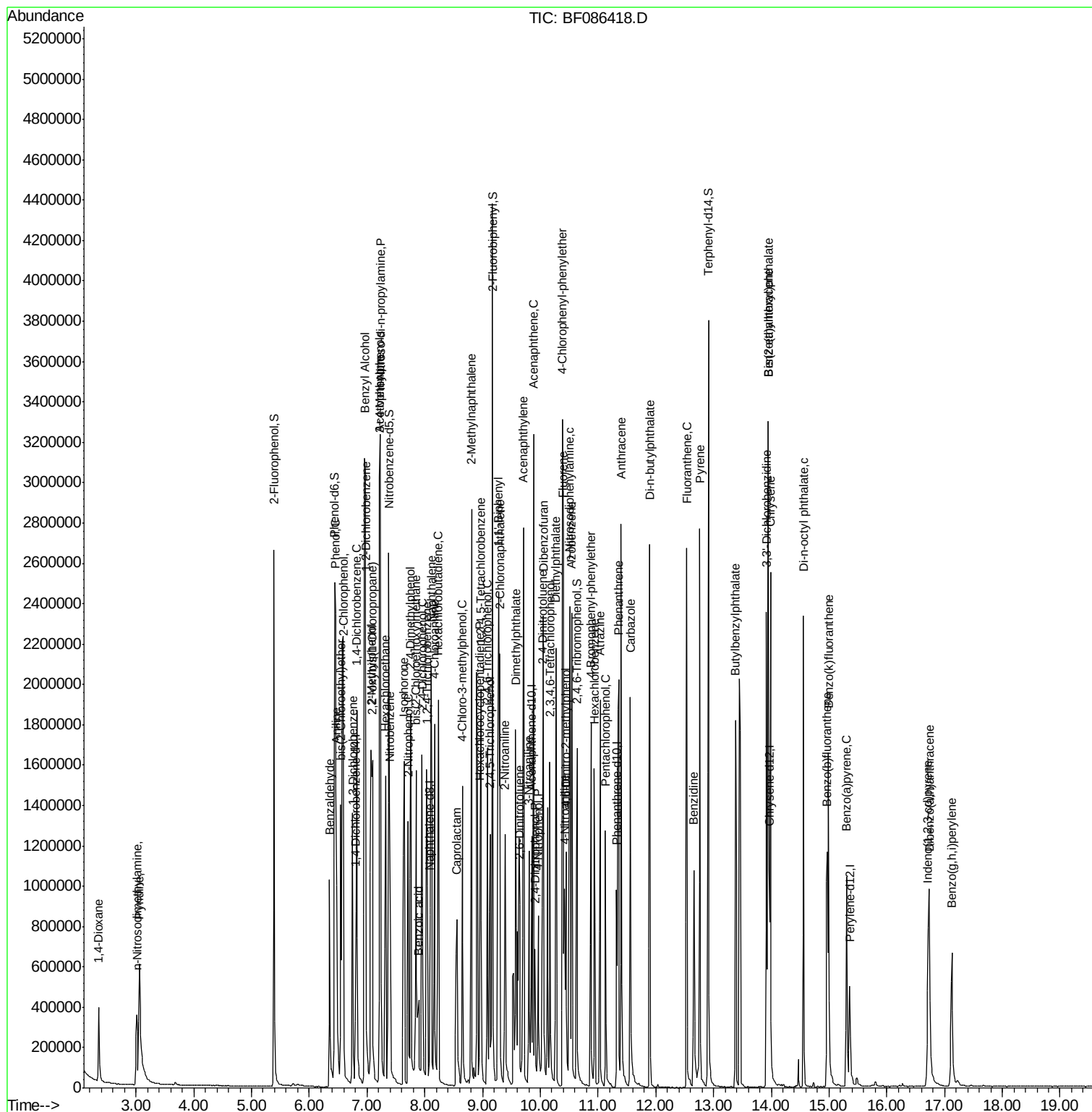
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
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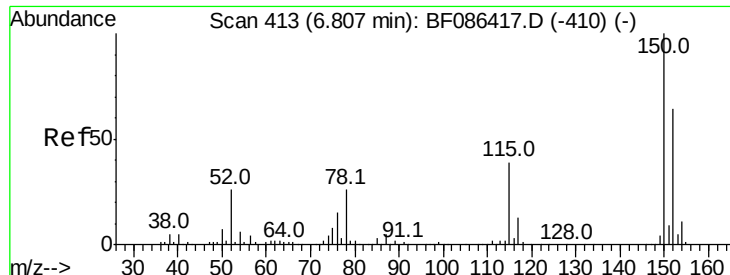
Instrument :
BNA_F
Client Sampled :
SSTDIC050

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:152 Resp: 124248

Ion Ratio Lower Upper

152 100

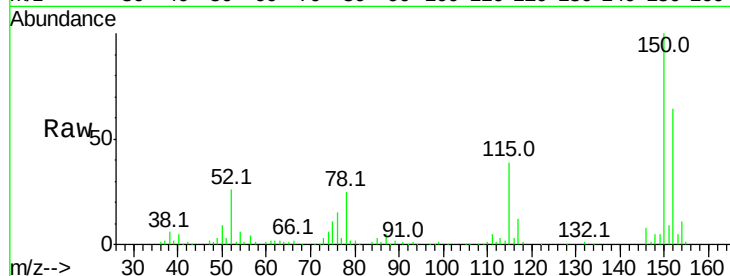
150 156.1 125.8 188.6

115 60.2 51.5 77.3

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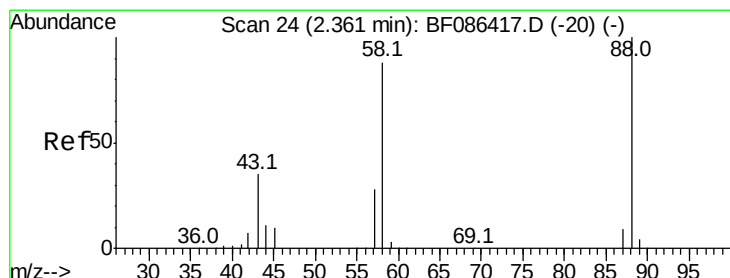
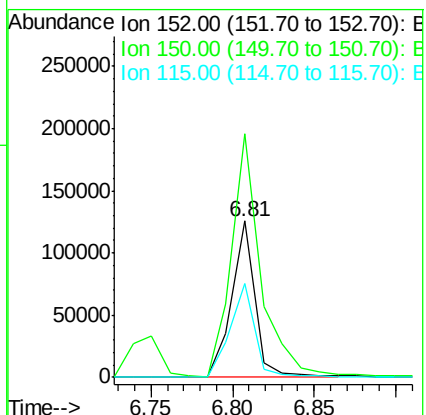
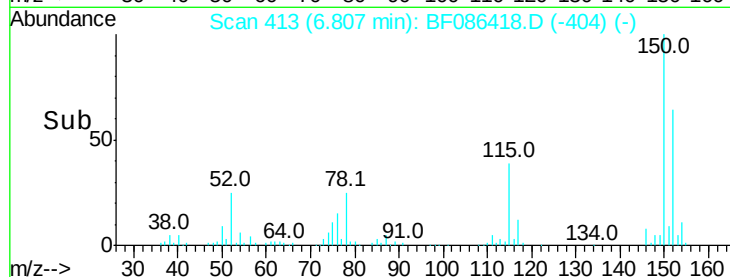
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 46.50 ng

RT: 2.35 min Scan# 23

Delta R.T. -0.01 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

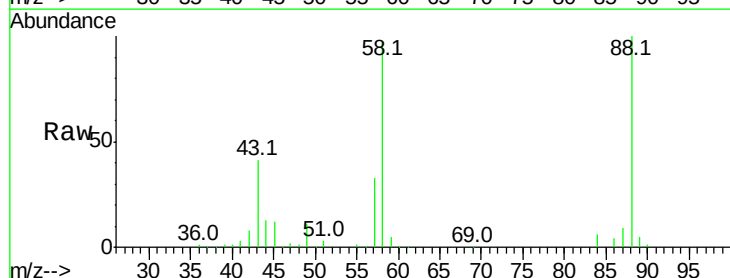
Tgt Ion: 88 Resp: 185017

Ion Ratio Lower Upper

88 100

58 93.7 59.6 89.4#

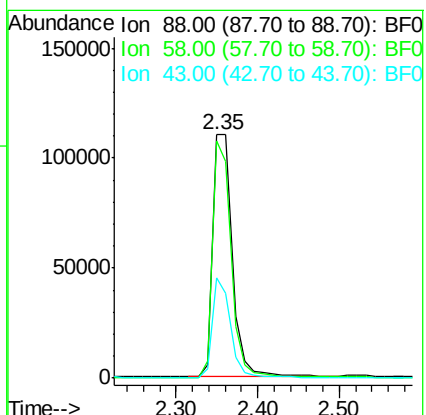
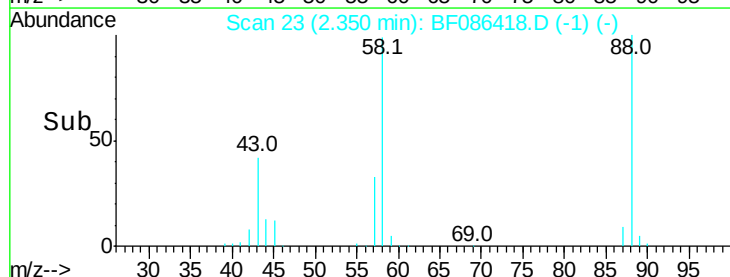
43 39.2 21.8 32.6#

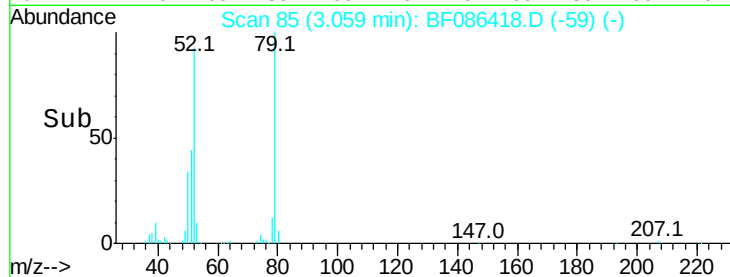
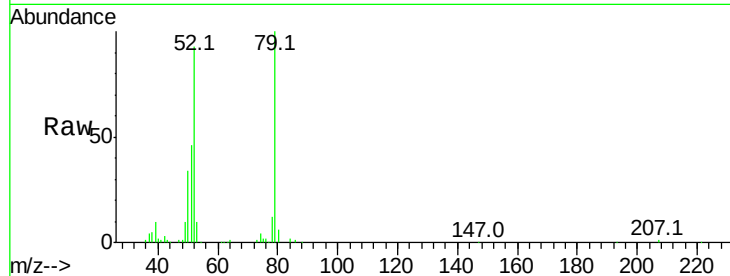
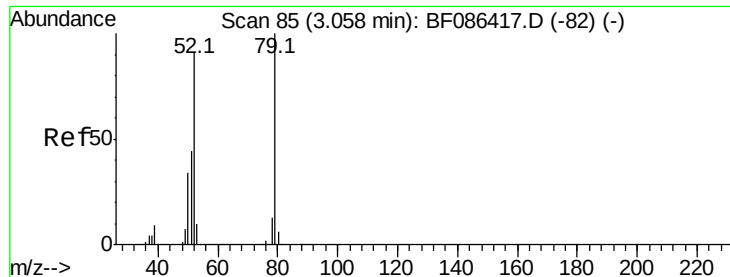


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





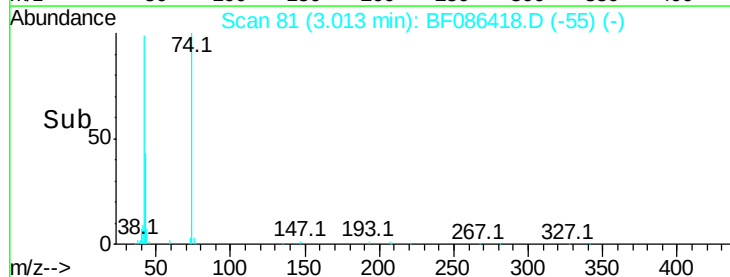
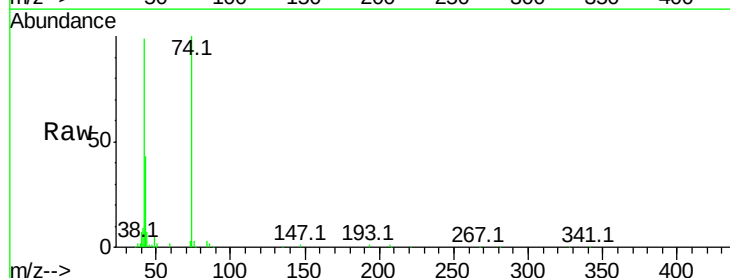
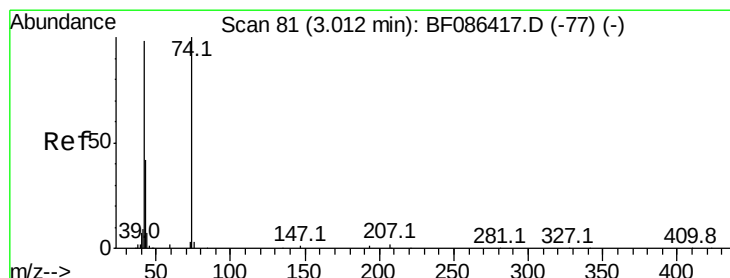
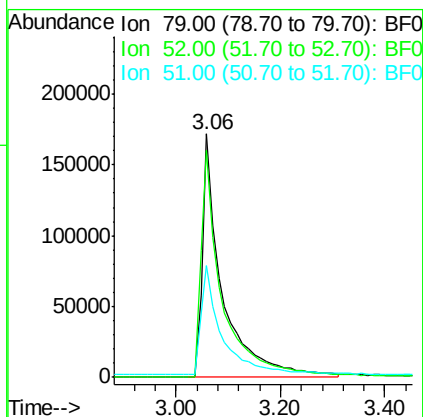
#3
 Pvridine
 Concen: 48.50 ng
 RT: 3.06 min Scan# 85
 Delta R.T. 0.00 min
 Lab File: BF086418.D
 Acq: 27 Apr 2016 12:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		459825		
52	93.0	55.9		83.9#	
51	45.8	28.1		42.1#	

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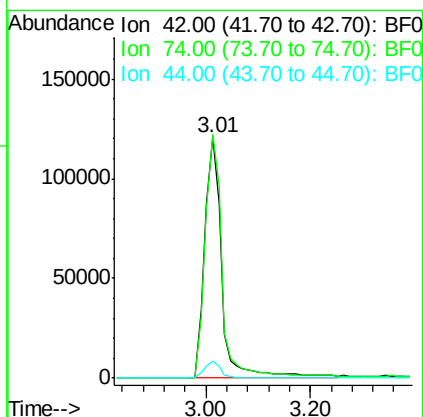
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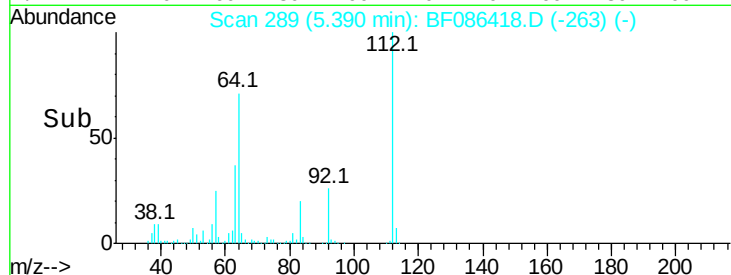
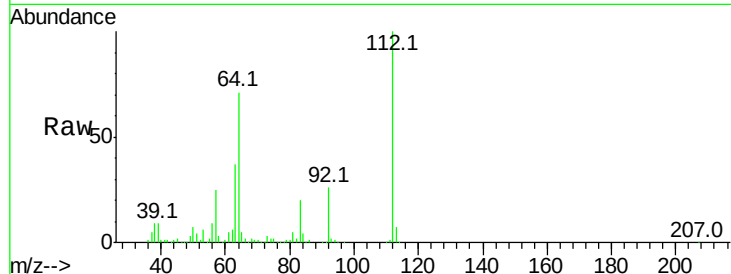
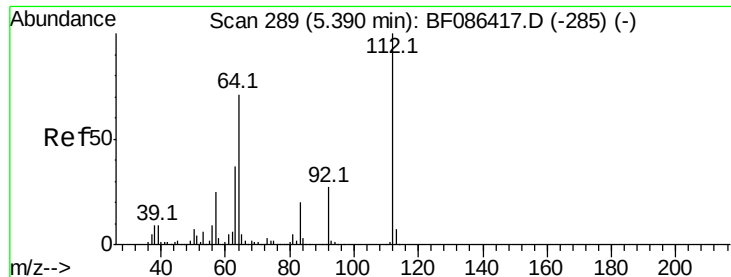
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#4
 n-Nitrosodimethylamine
 Concen: 81.77 ng
 RT: 3.01 min Scan# 81
 Delta R.T. 0.00 min
 Lab File: BF086418.D
 Acq: 27 Apr 2016 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		276720		
74	101.2	123.4		185.0#	
44	7.2	5.8		8.6	





#5

2-Fluorophenol

Concen: 101.60 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF086418.D

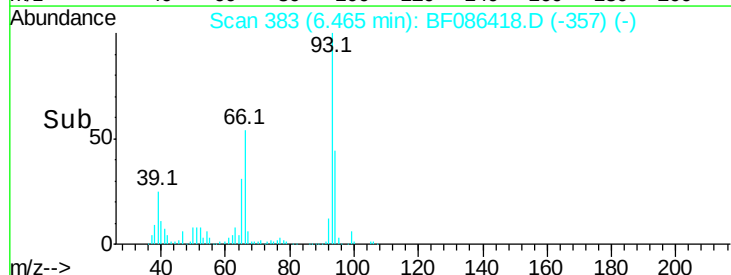
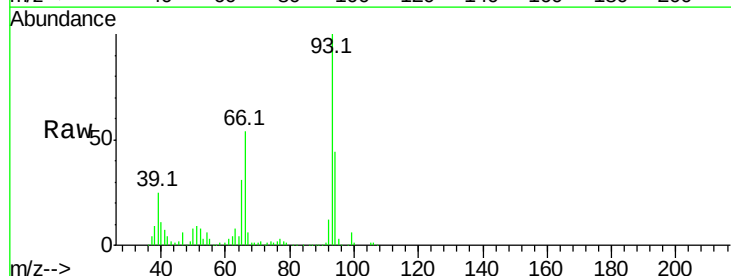
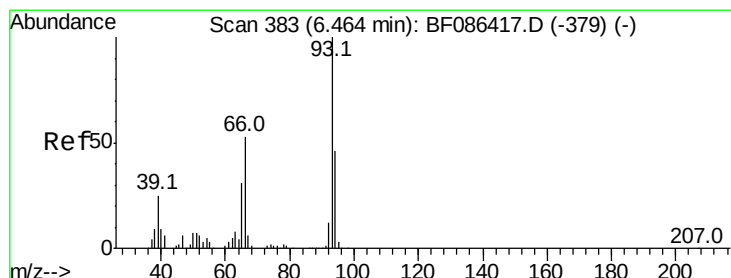
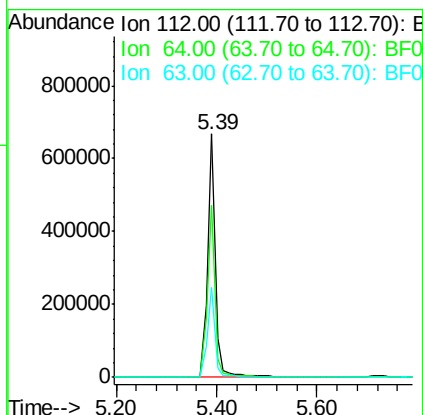
Acq: 27 Apr 2016 12:22

Tot Ion:	112	Resp:	731005
Ion Ratio	Lower	Upper	
112	100		
64	70.7	52.1	78.1
63	36.8	25.7	38.5

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#6

Aniline

Concen: 53.61 ng

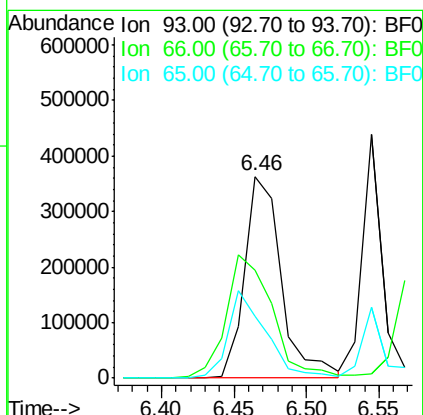
RT: 6.46 min Scan# 383

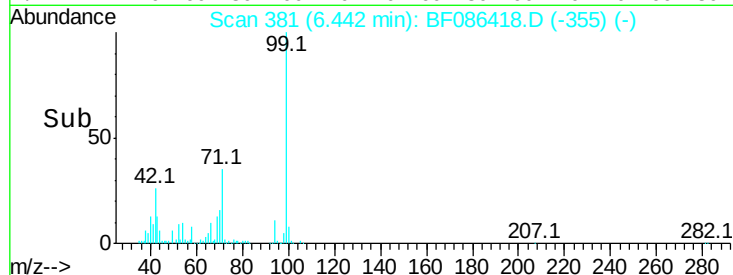
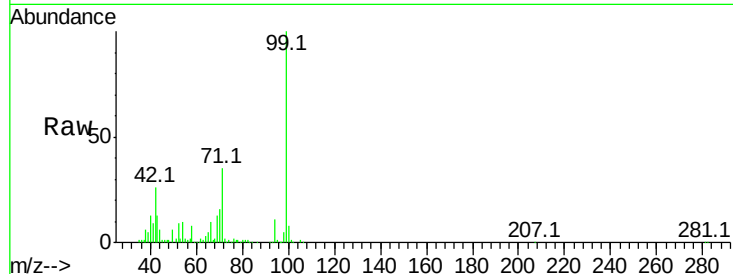
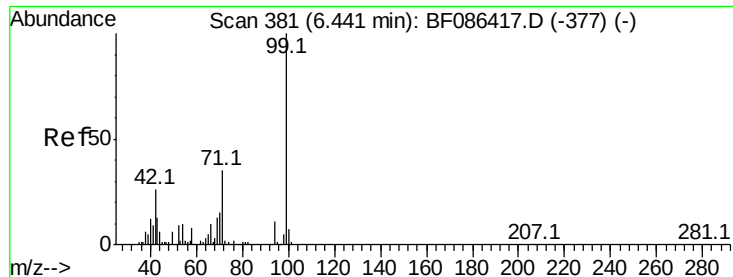
Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Tgt Ion:	93	Resp:	639916
Ion Ratio	Lower	Upper	
93	100		
66	53.7	39.0	58.6
65	30.5	20.6	31.0





#7

Phenol-d6

Concen: 100.28 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086418.D

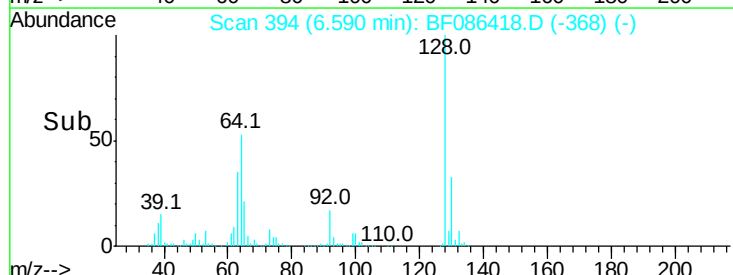
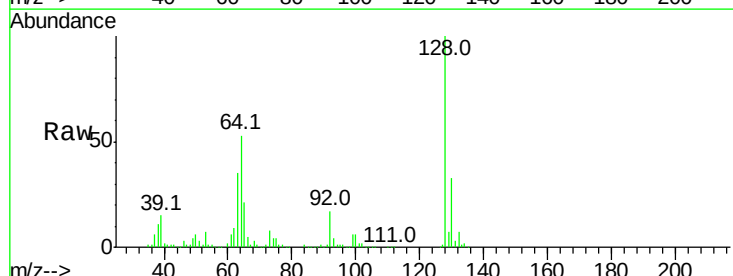
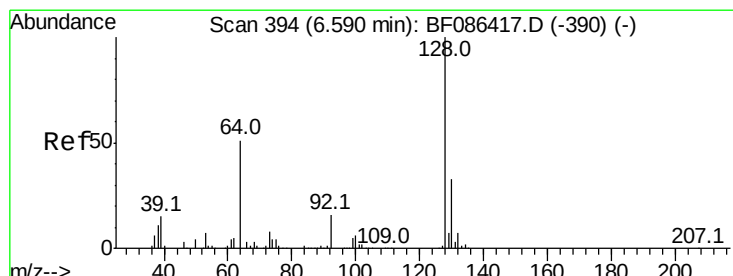
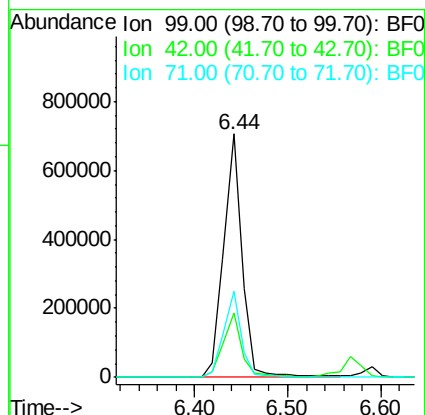
Acq: 27 Apr 2016 12:22

Tot Ion:	99	Resp:	980800
Ion Ratio	Lower	Upper	
99	100		
42	26.5	13.6	20.4#
71	35.2	24.6	36.8

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#8

2-Chlorophenol

Concen: 50.43 ng

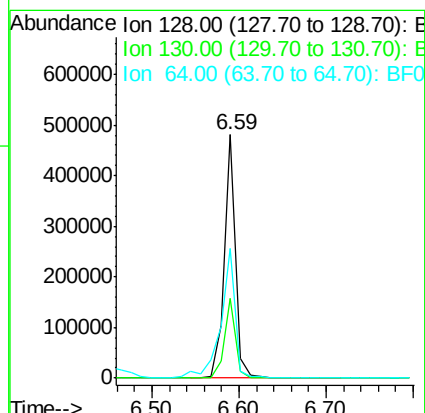
RT: 6.59 min Scan# 394

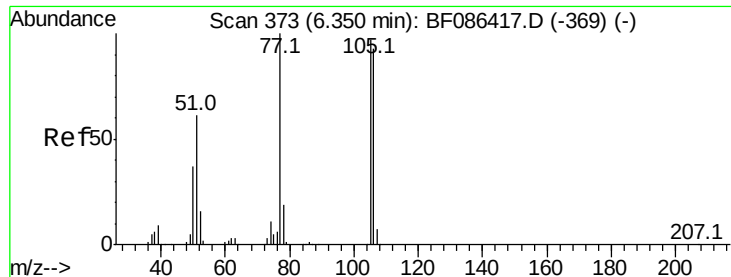
Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Tgt Ion:	128	Resp:	442984
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.5	52.5
64	53.1	27.3	67.3





#9

Benzaldehyde

Concen: 46.08 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

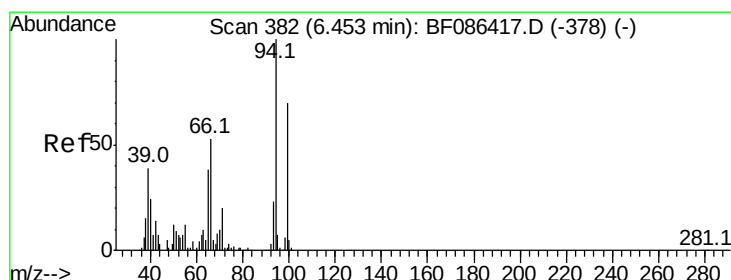
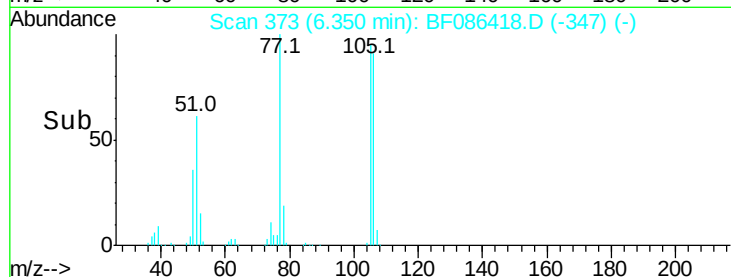
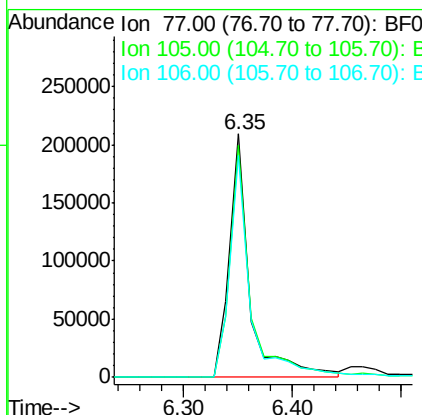
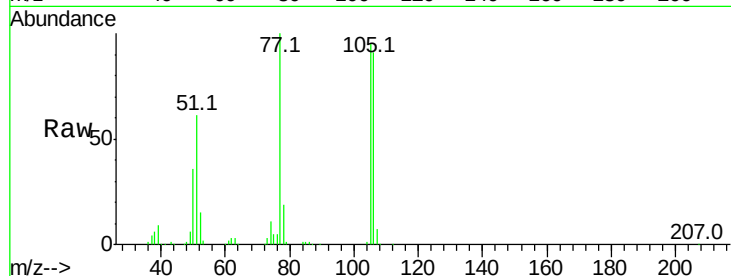
ClientSampleId :

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Tot Ion:	77	Resp:	273800
Ion Ratio	Lower	Upper	
77	100		
105	95.3	72.7	112.7
106	91.0	70.8	110.8

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#10

Phenol

Concen: 44.55 ng

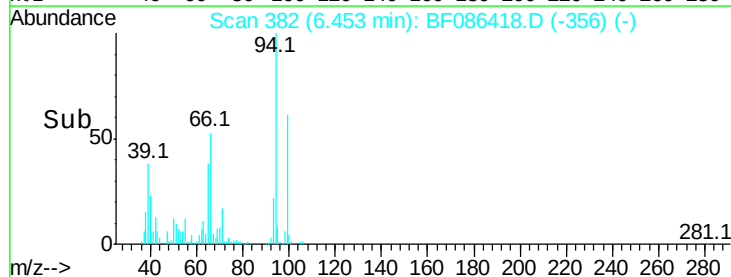
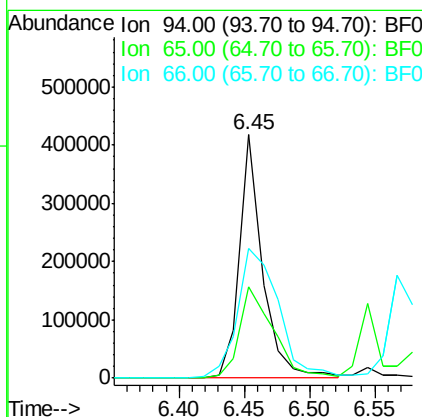
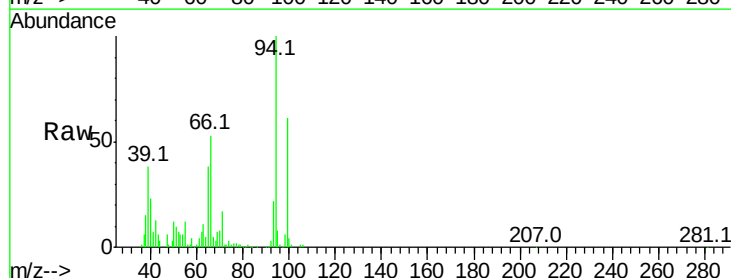
RT: 6.45 min Scan# 382

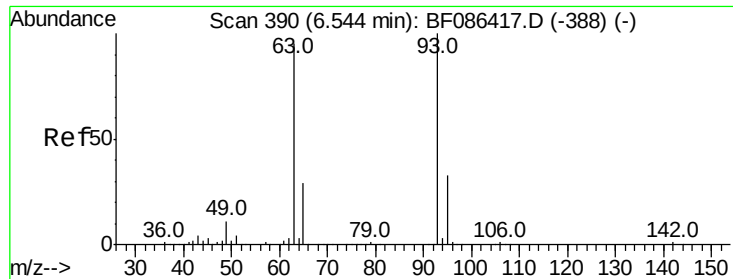
Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Tgt Ion:	94	Resp:	514542
Ion Ratio	Lower	Upper	
94	100		
65	37.6	7.2	47.2
66	53.3	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 44.85 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

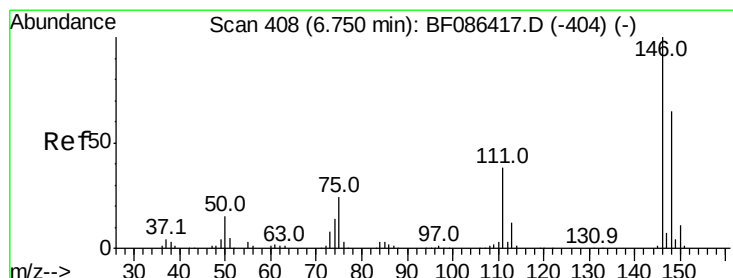
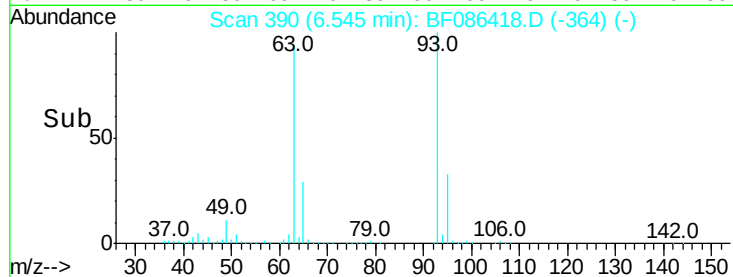
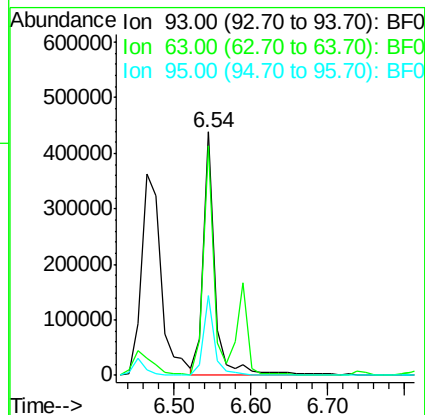
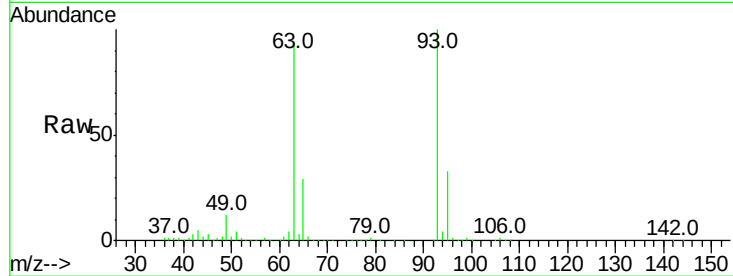
ClientSampleId :

SSTDIC050

Tot Ion	93	Resp	450945
Ion Ratio	100	Lower	Upper
93	100		
63	94.1	58.0	98.0
95	32.8	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 49.18 ng

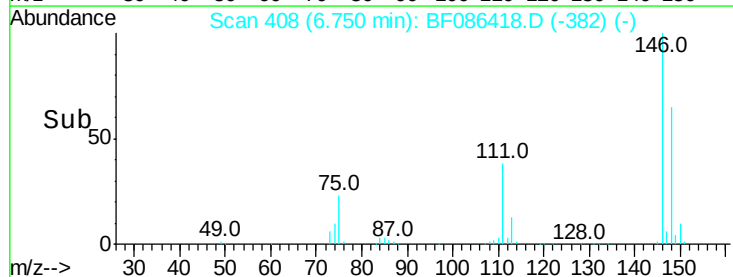
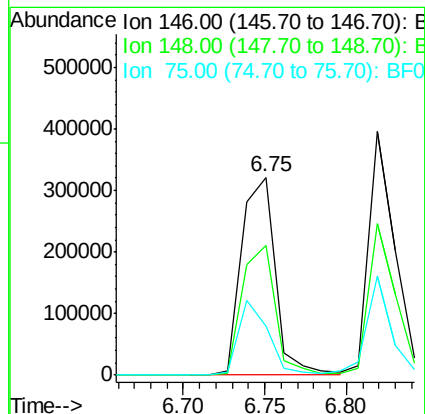
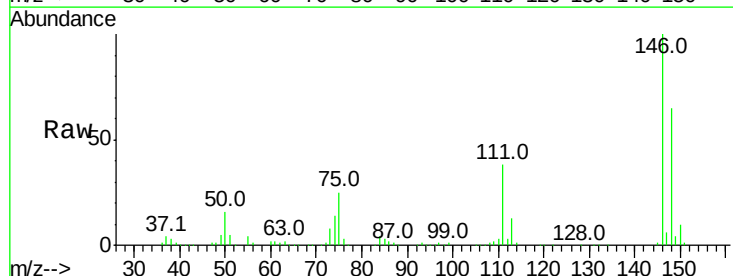
RT: 6.75 min Scan# 408

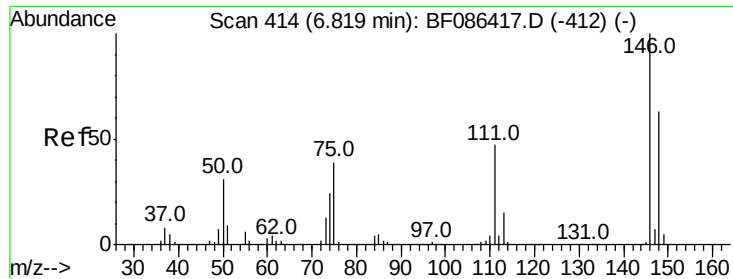
Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Tgt Ion	146	Resp	460689
Ion Ratio	100	Lower	Upper
146	100		
148	65.4	52.4	78.6
75	25.0	22.8	34.2





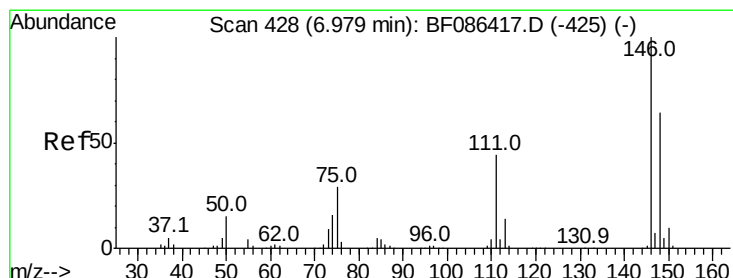
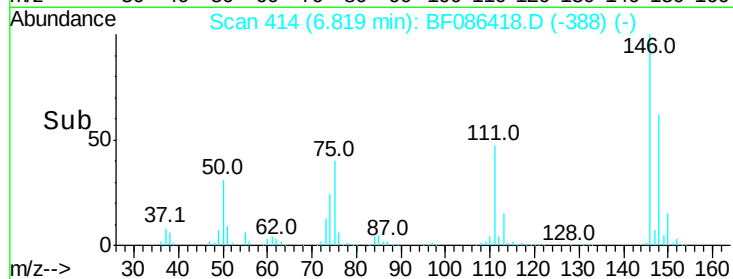
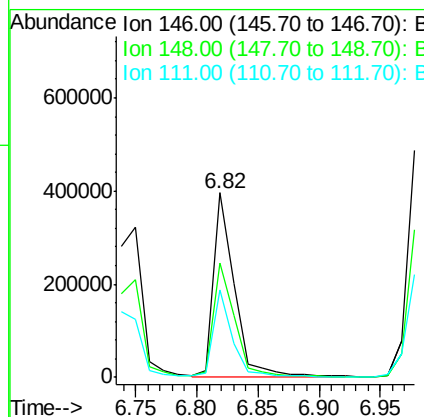
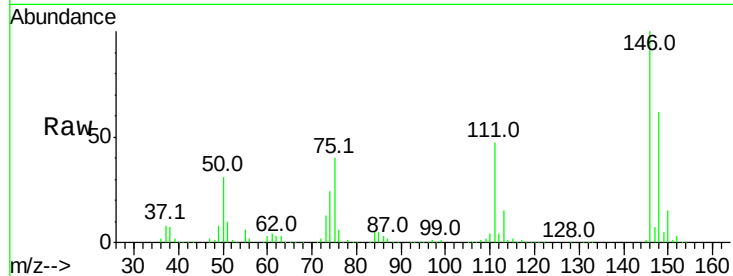
#13
 1,4-Dichlorobenzene
 Concen: 46.46 ng/mL
 RT: 6.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF086418.D
 Acq: 27 Apr 2016 12:22

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	52.2	78.4
111	47.2	30.7	46.1

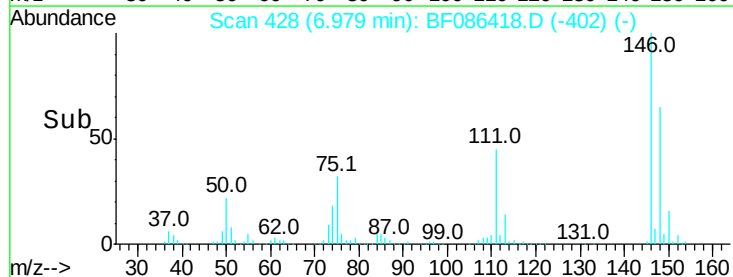
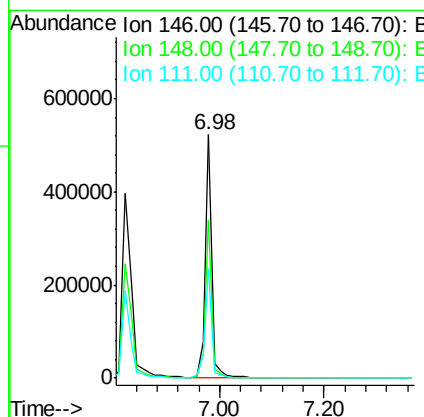
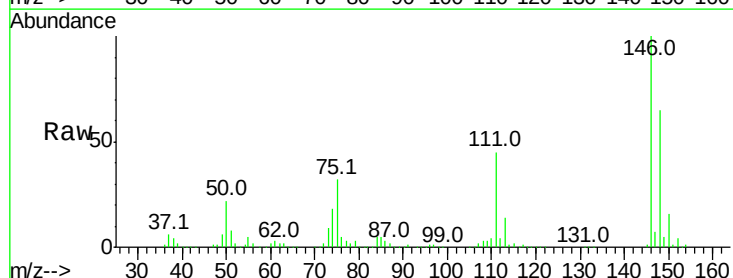
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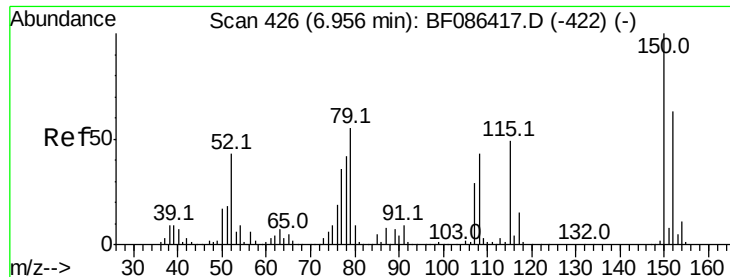
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#14
 1,2-Dichlorobenzene
 Concen: 49.52 ng/mL
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF086418.D
 Acq: 27 Apr 2016 12:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.0	76.6
111	45.0	36.2	54.4





#15

Benzyl Alcohol

Concen: 59.34 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 79 Resp: 344479

Ion Ratio Lower Upper

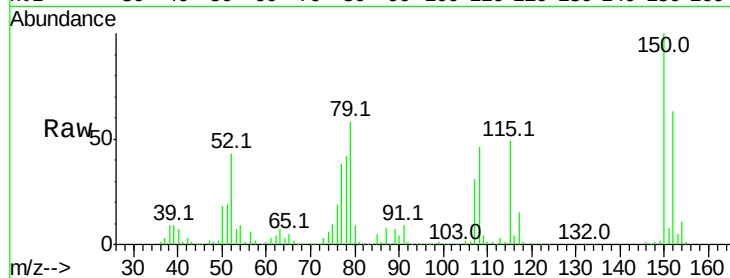
79 100

108 78.9 68.4 102.6

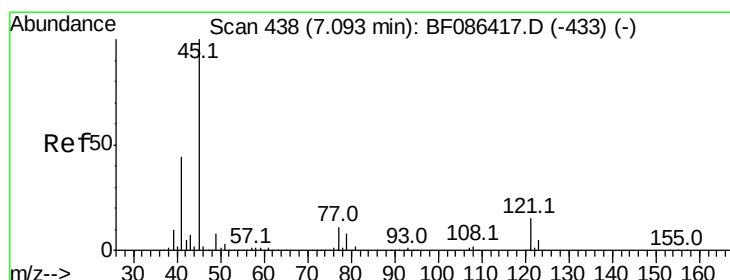
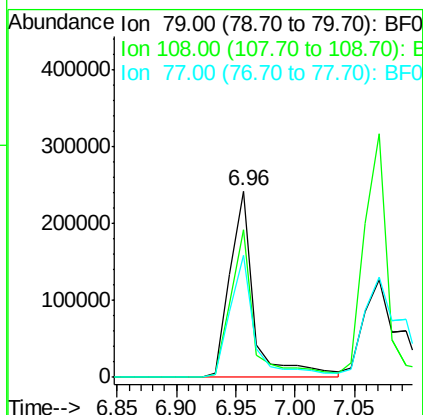
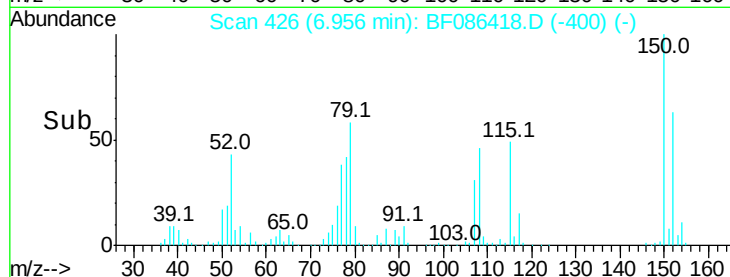
77 65.6 50.6 76.0

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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 71.18 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

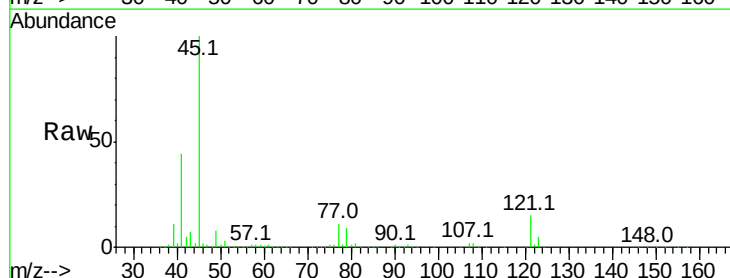
Tgt Ion: 45 Resp: 938223

Ion Ratio Lower Upper

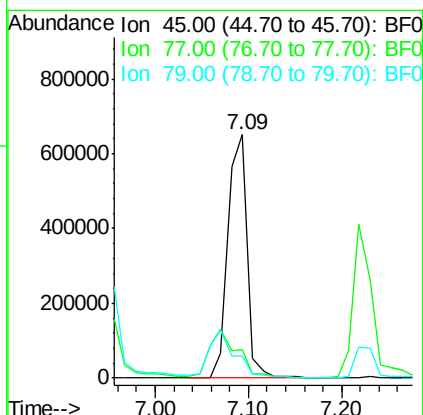
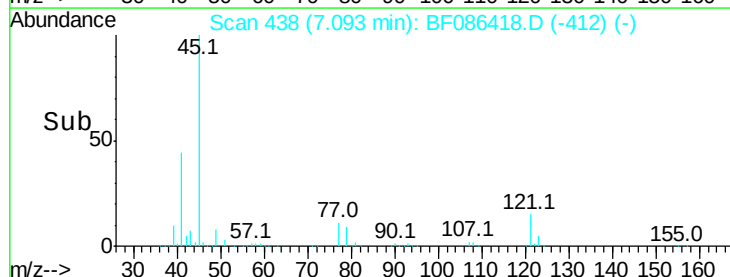
45 100

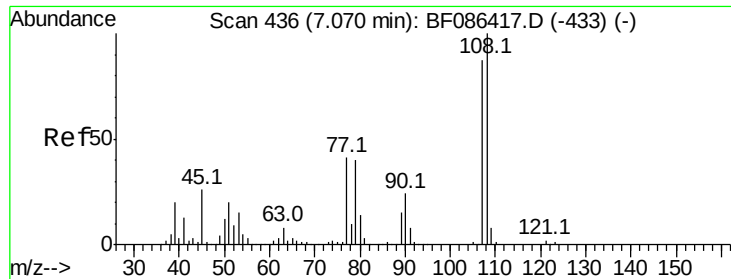
77 11.5 0.0 36.4

79 9.4 0.0 33.4



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 51.38 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

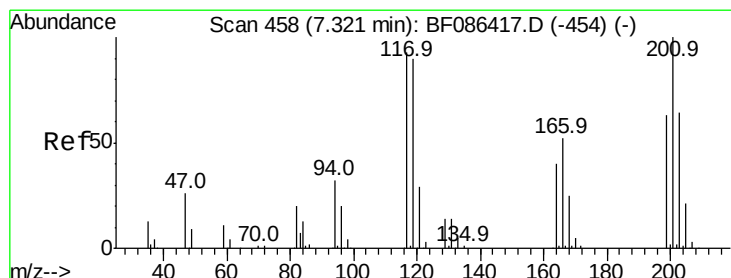
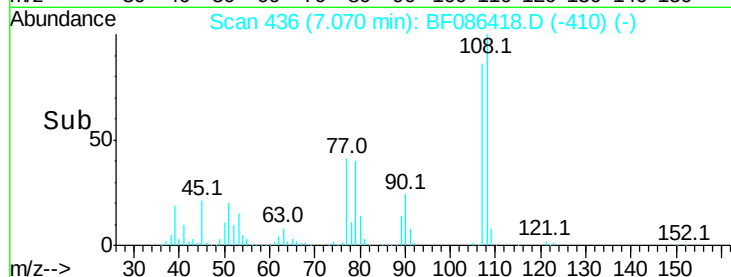
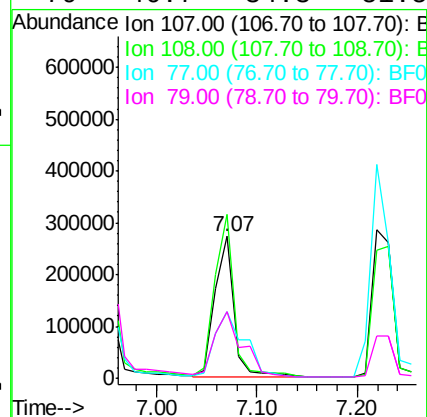
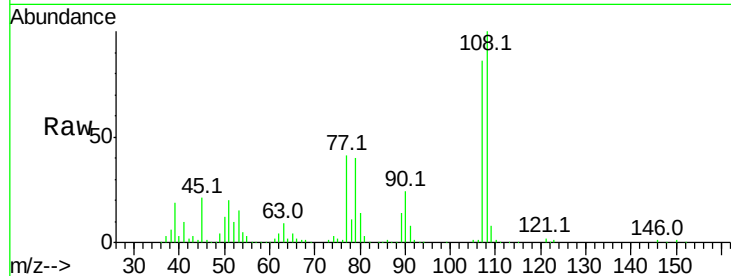
ClientSampleId :

SSTDIC050

Tot Ion:	107	Resp:	369826
Ion Ratio	Lower	Upper	
107	100		
108	115.7	93.7	140.5
77	47.4	33.4	50.0
79	46.7	34.3	51.5

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#18

Hexachloroethane

Concen: 52.71 ng

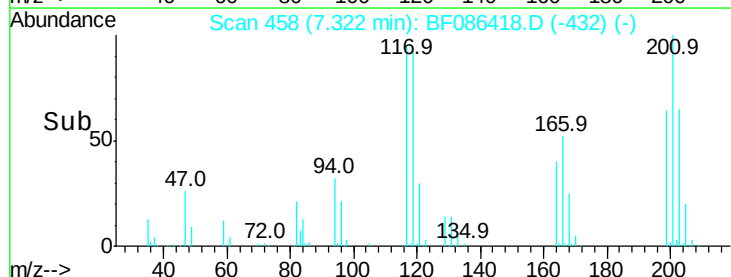
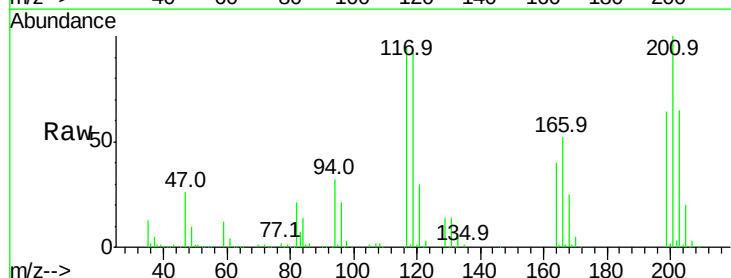
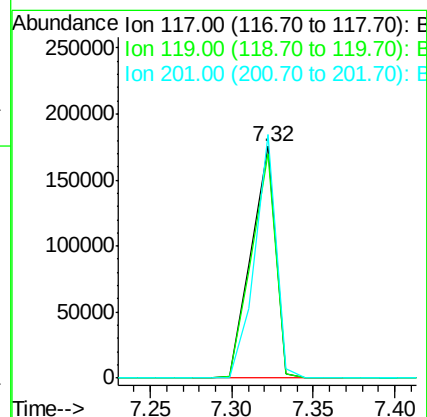
RT: 7.32 min Scan# 458

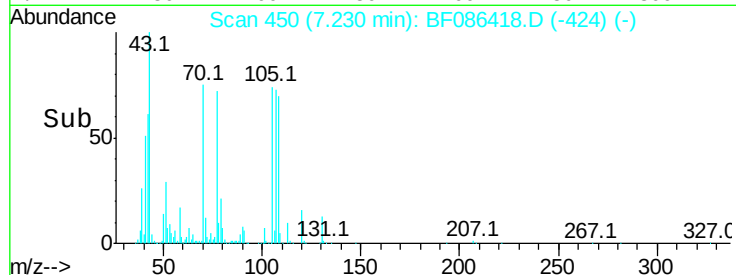
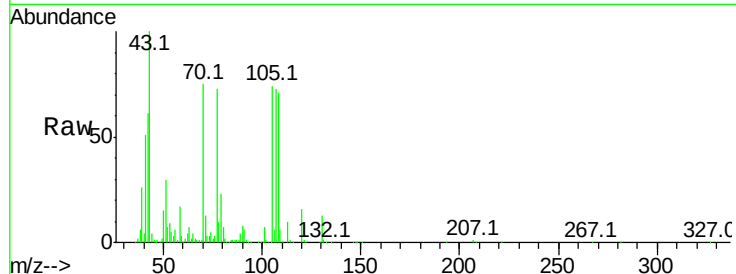
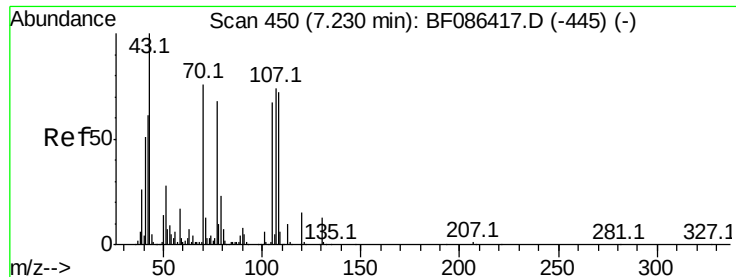
Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Tgt Ion:	117	Resp:	182705
Ion Ratio	Lower	Upper	
117	100		
119	97.1	76.5	114.7
201	105.1	63.0	94.6#





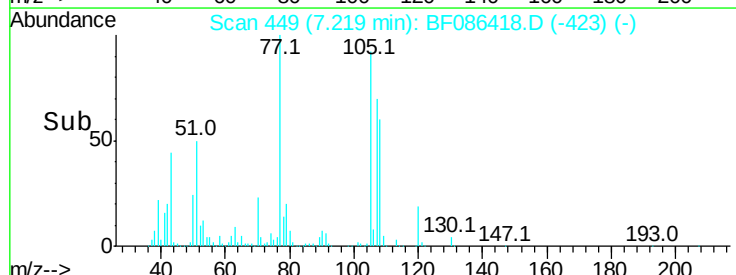
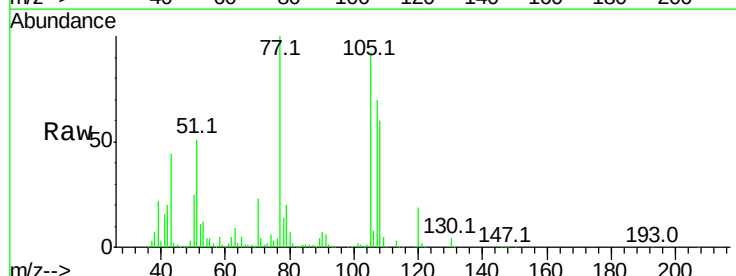
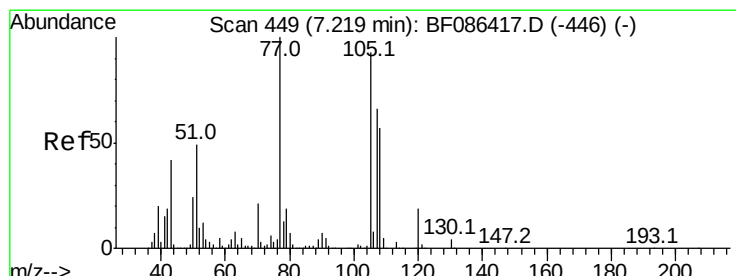
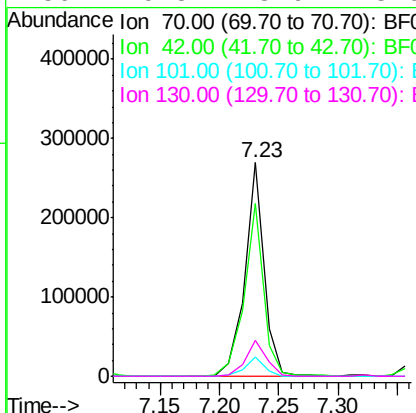
#19
n-Nitroso-di-n-propylamine
Concen: 52.52 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
70	100		
42	80.8	43.1	64.7#
101	8.7	8.1	12.1
130	16.8	18.6	28.0#

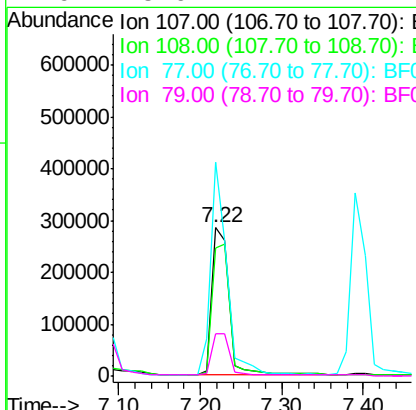
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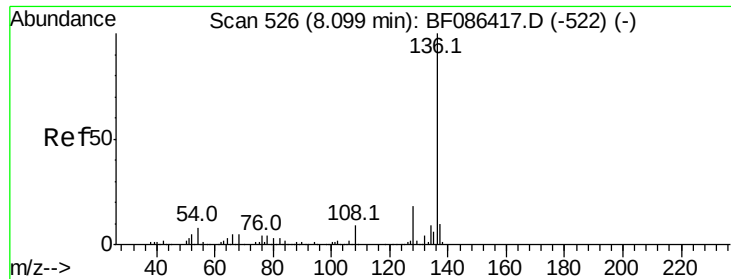
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#20
3+4-Methylphenols
Concen: 55.37 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	68.5	108.5
77	143.9	101.6	141.6#
79	28.9	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: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

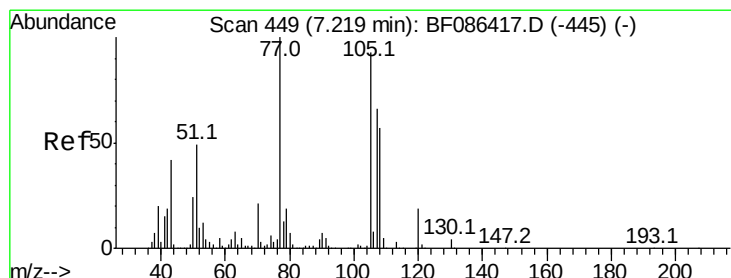
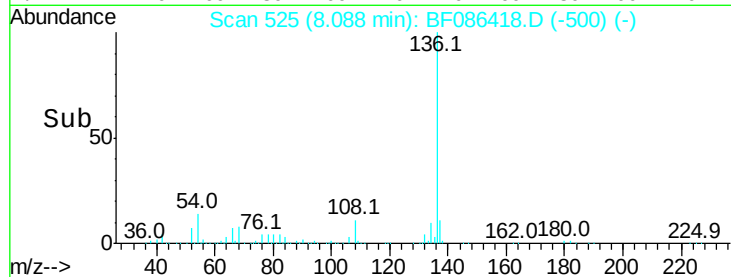
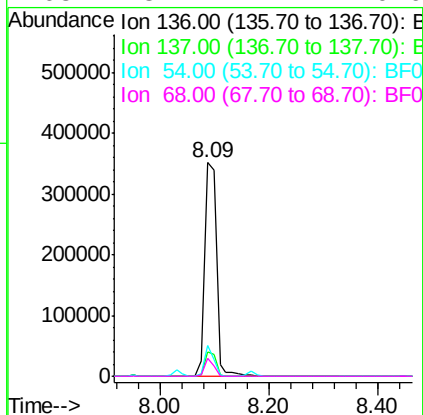
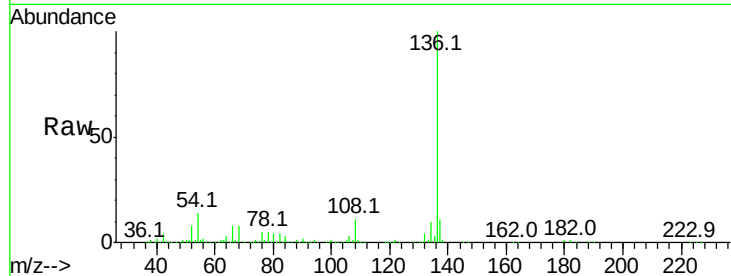
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
136	100	522978		
137	11.3		8.8	13.2
54	14.3		5.0	7.4#
68	8.4		4.4	6.6#

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#22

Acetophenone

Concen: 52.74 ng

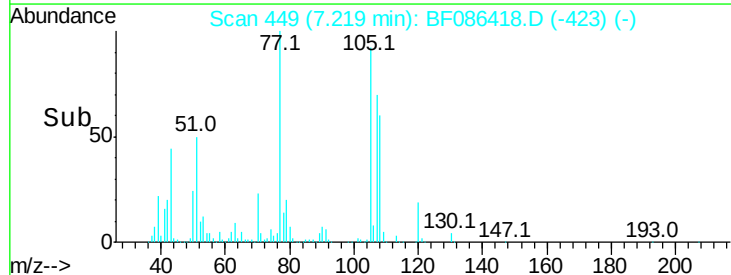
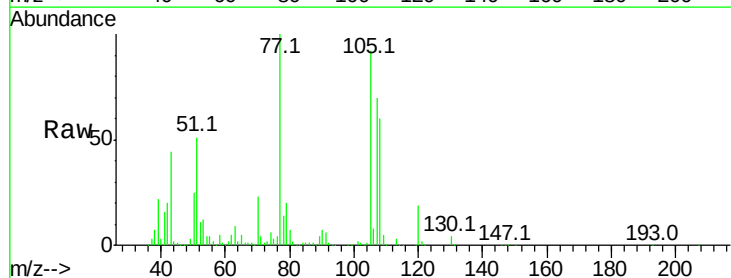
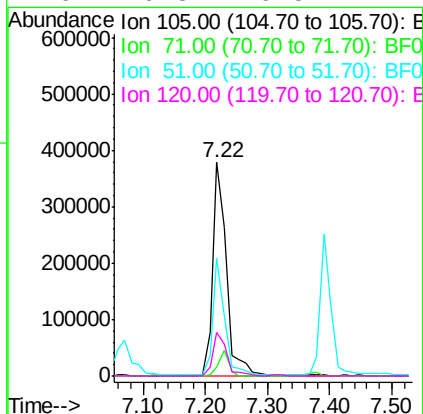
RT: 7.22 min Scan# 449

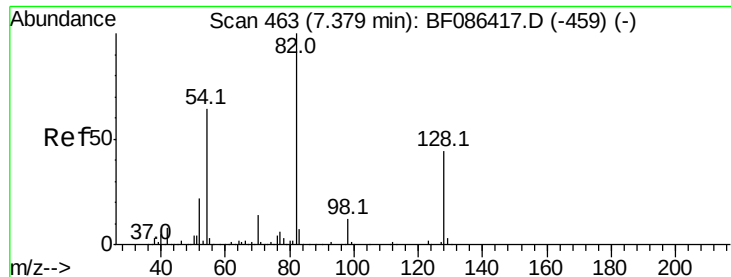
Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	578640		
71	4.2		4.8	7.2#
51	55.2		32.6	49.0#
120	20.3		16.5	24.7





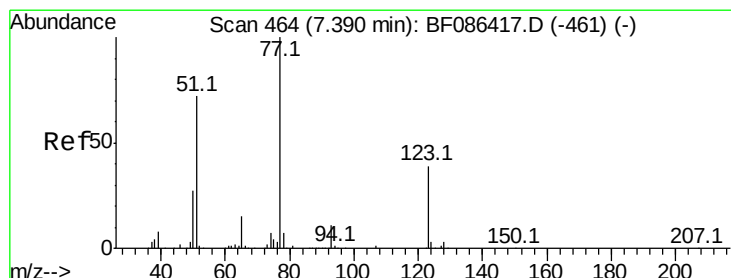
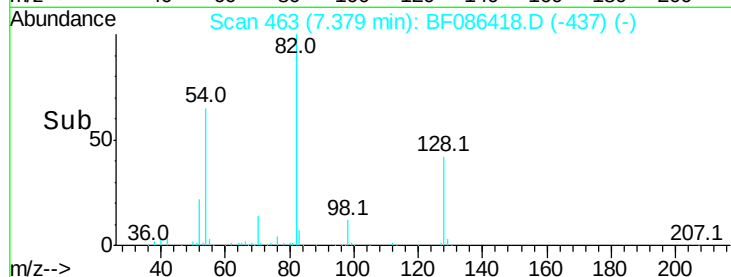
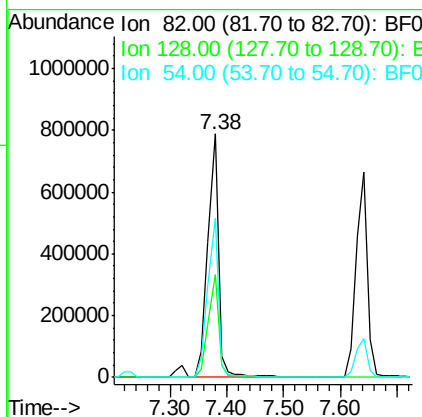
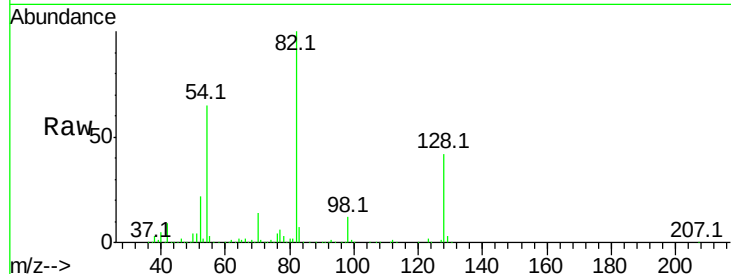
#23
Nitrobenzene-d5
Concen: 112.66 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	40.6	61.0
54	65.2	38.1	57.1

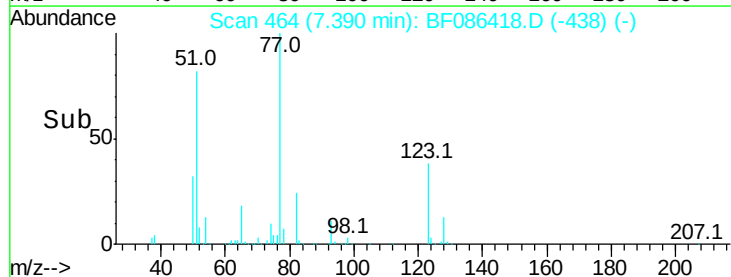
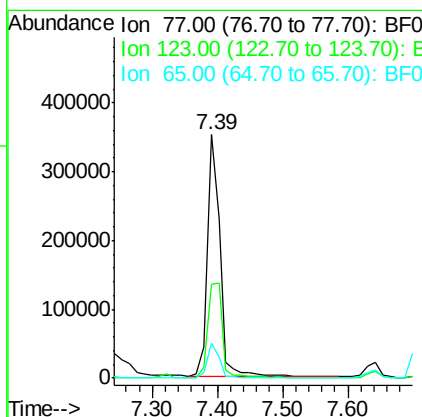
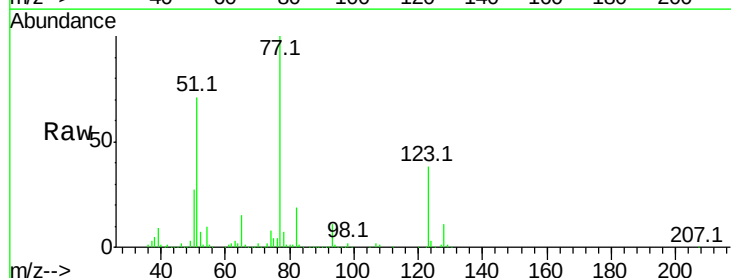
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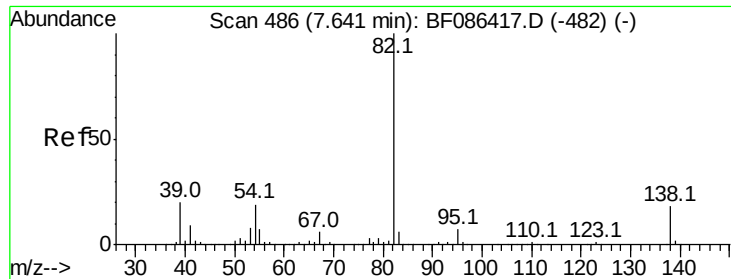
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#24
Nitrobenzene
Concen: 50.52 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.5	33.0	49.4
65	14.5	10.8	16.2





#25

Isophorone

Concen: 53.54 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

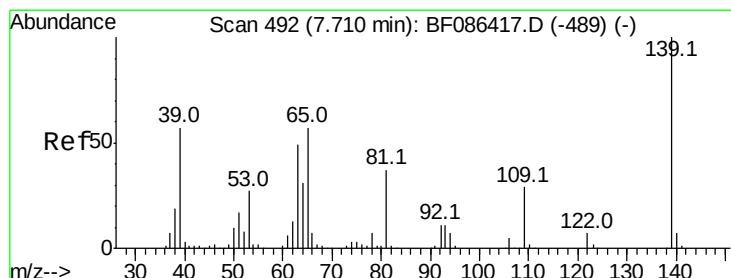
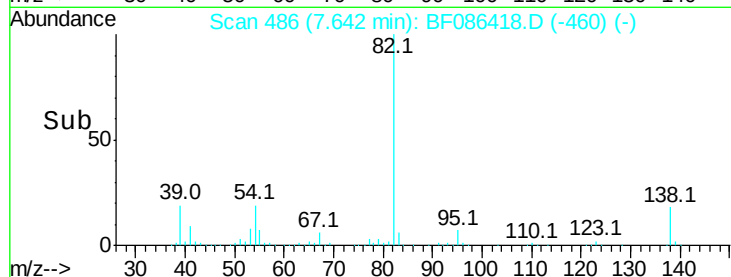
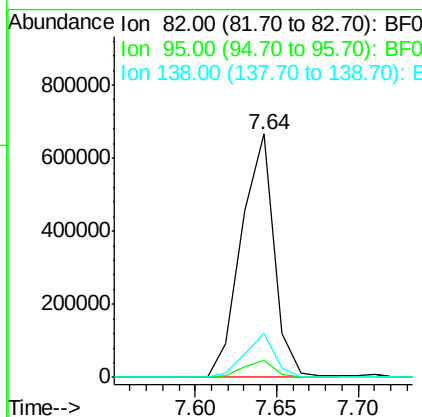
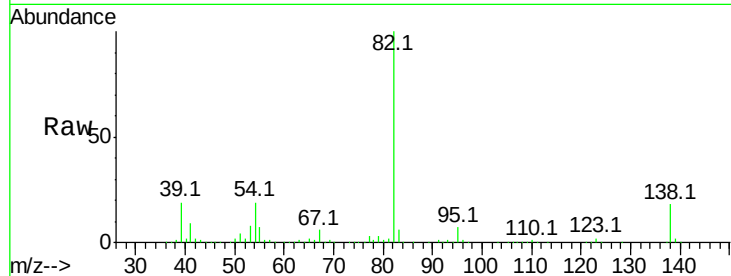
ClientSampleId :

SSTDIC050

Tot Ion:	82	Resp:	926279
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.1	7.7
138	18.0	12.4	18.6

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#26

2-Nitrophenol

Concen: 52.39 ng

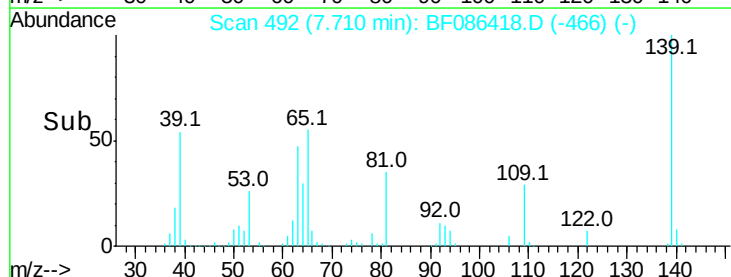
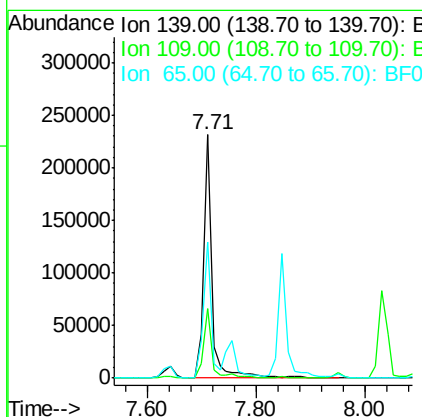
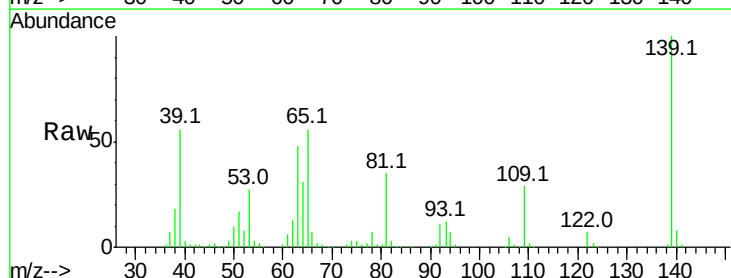
RT: 7.71 min Scan# 492

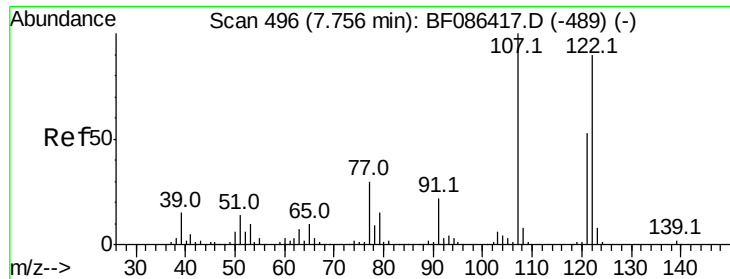
Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Tgt Ion:	139	Resp:	245136
Ion Ratio	Lower	Upper	
139	100		
109	28.7	19.5	29.3
65	56.0	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 52.77 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

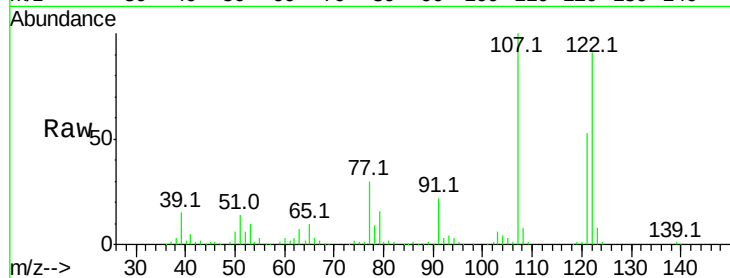
ClientSampleId :

SSTDICC050

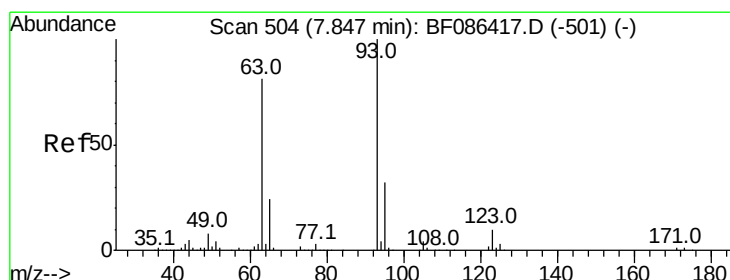
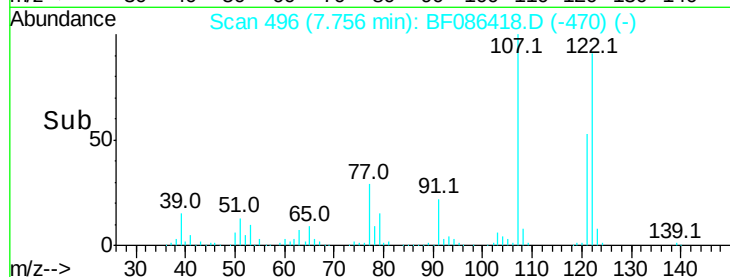
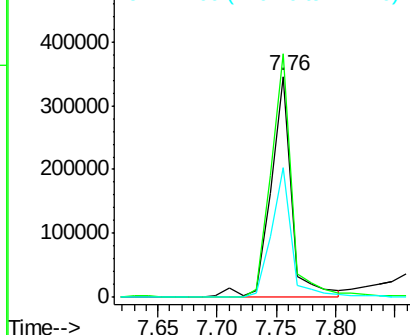
Tot Ion:	122	Resp:	422759
Ion Ratio	Lower	Upper	
122	100		
107	110.3	82.0	123.0
121	58.5	46.1	69.1

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 51.52 ng

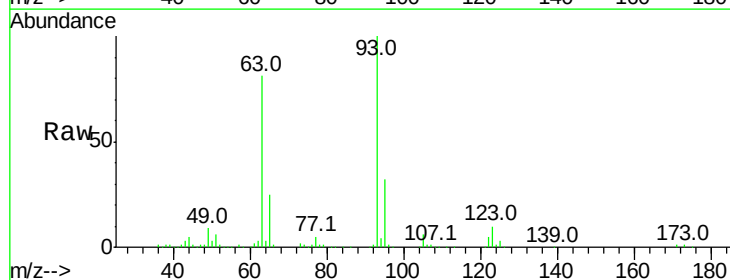
RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

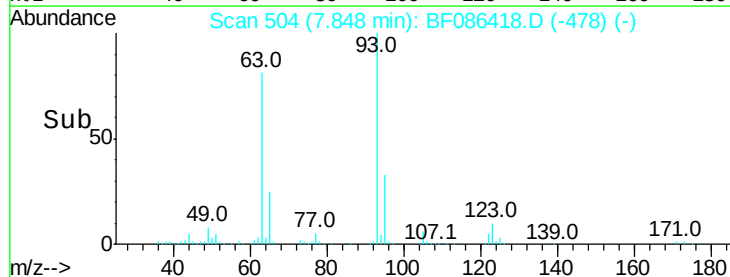
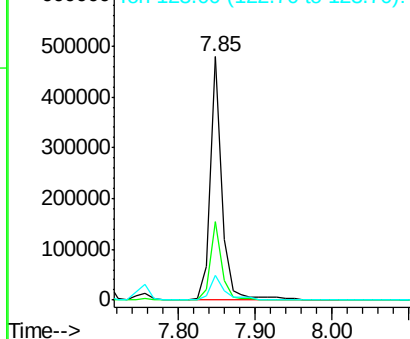
Lab File: BF086418.D

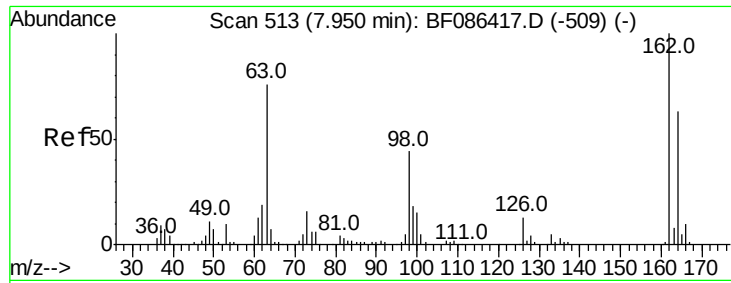
Acq: 27 Apr 2016 12:22

Tgt Ion:	93	Resp:	497744
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.0	39.0
123	10.0	9.5	14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





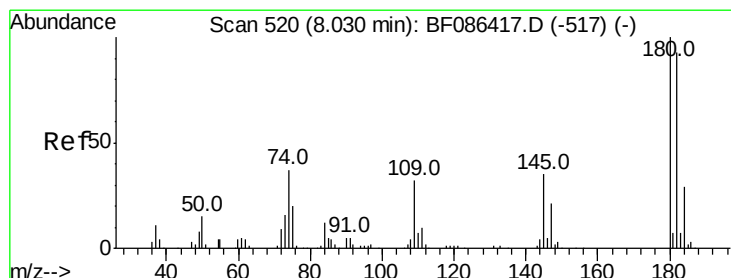
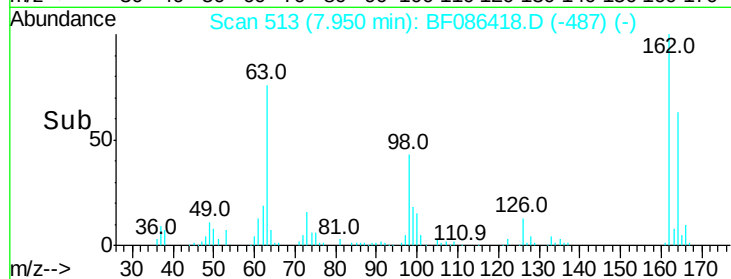
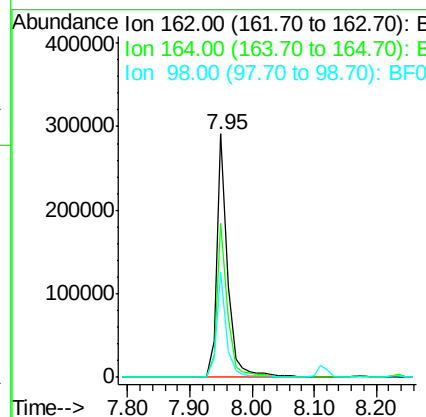
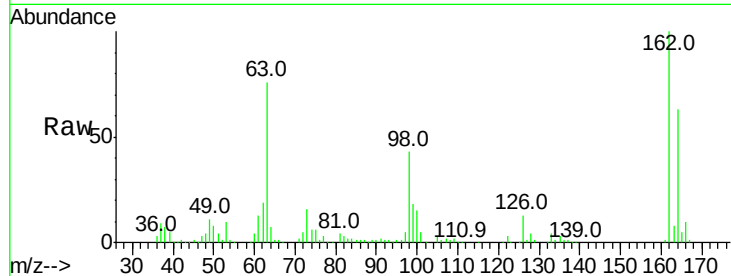
#29
 2,4-Dichlorophenol
 Concen: 52.64 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF086418.D
 Acq: 27 Apr 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	63.1	42.2	82.2		
98	43.0	19.0	59.0		

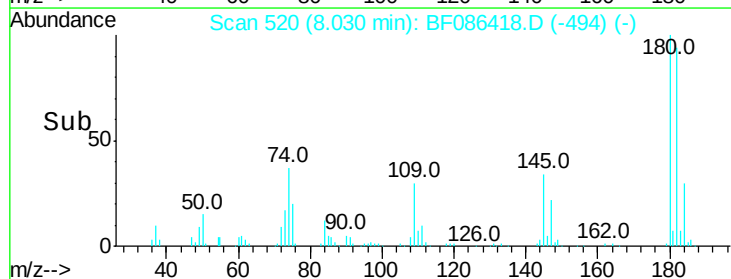
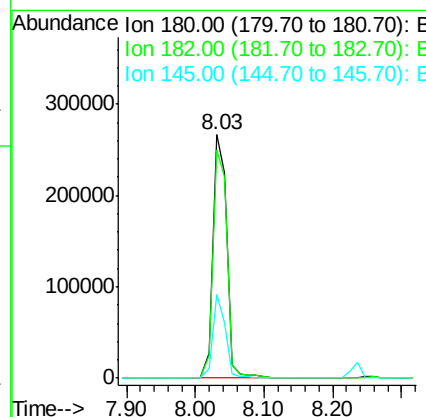
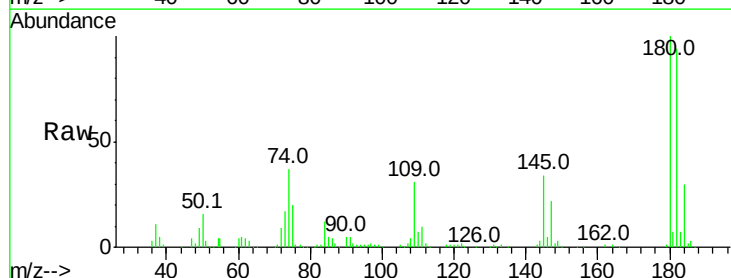
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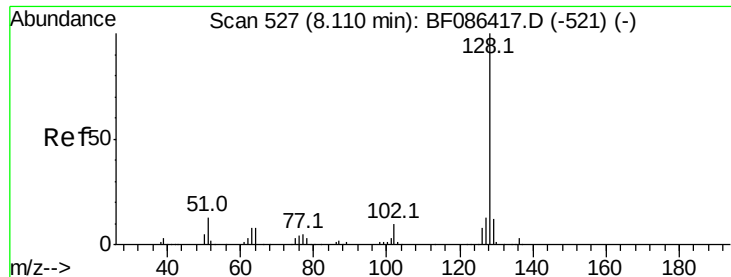
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#30
 1,2,4-Trichlorobenzene
 Concen: 52.77 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF086418.D
 Acq: 27 Apr 2016 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	93.6	78.0	117.0		
145	34.2	24.2	36.2		





#31

Naphthalene

Concen: 44.98 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:128 Resp: 1198409

Ion Ratio Lower Upper

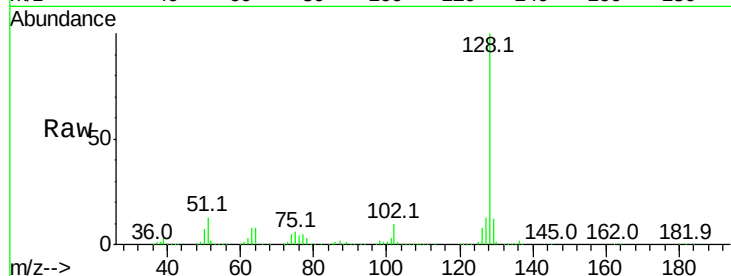
128 100

129 11.7 8.6 13.0

127 13.5 10.8 16.2

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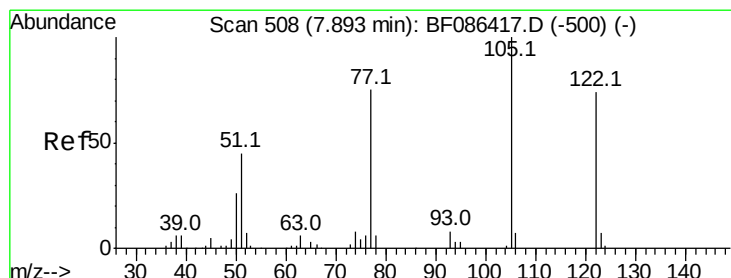
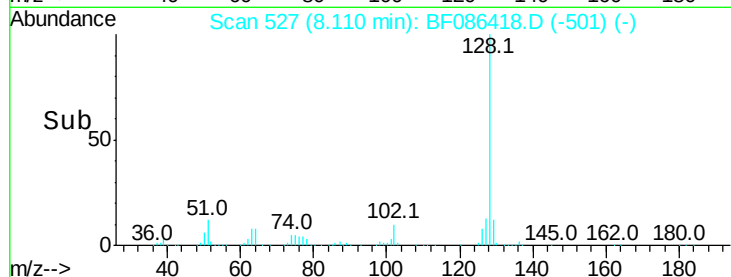
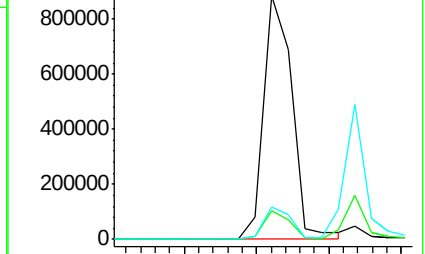
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.54 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

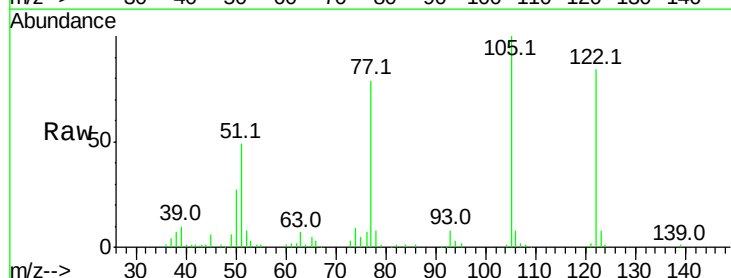
Tgt Ion:122 Resp: 243523

Ion Ratio Lower Upper

122 100

105 119.3 92.6 132.6

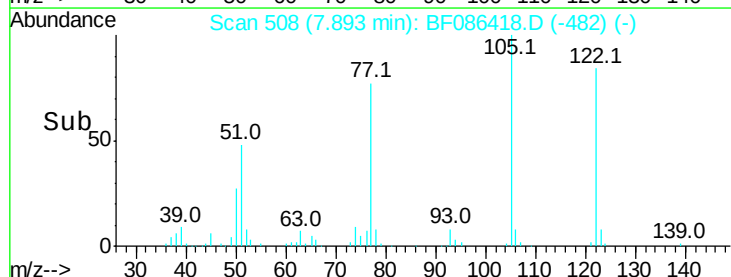
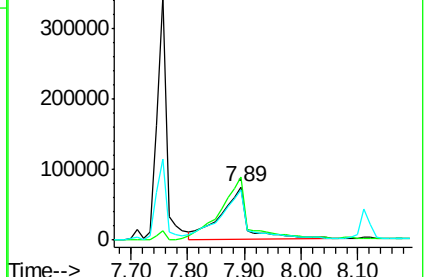
77 94.0 60.0 100.0

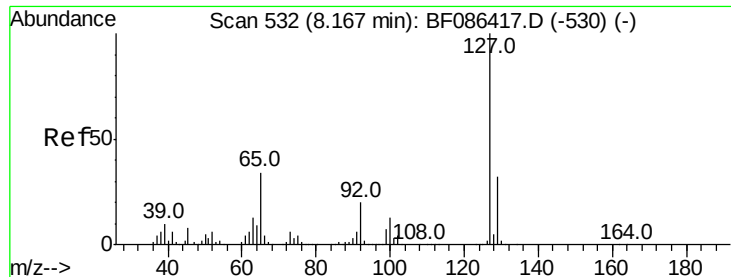


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





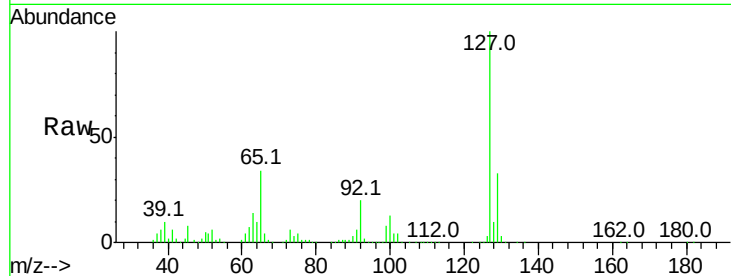
#33
4-Chloroaniline
Concen: 50.88 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

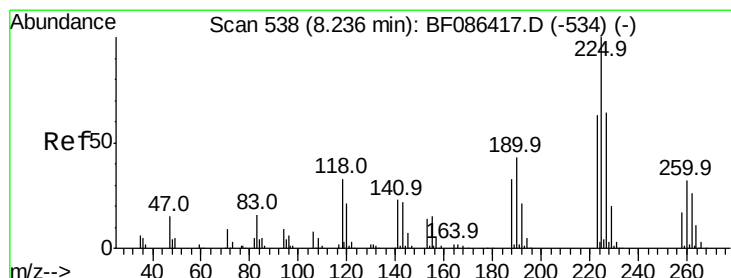
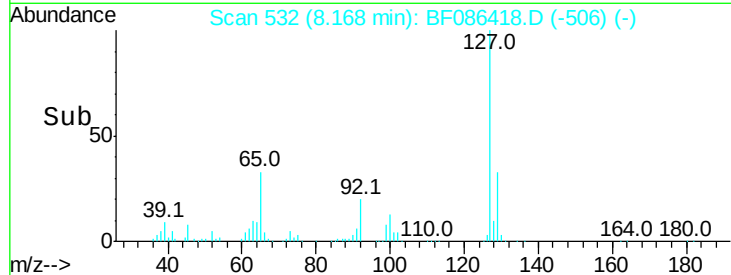
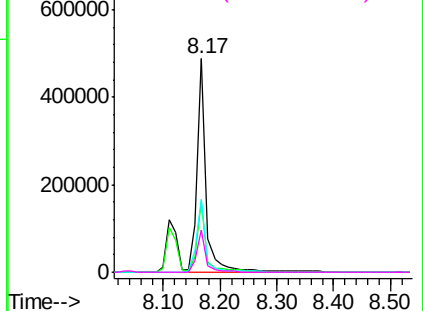
Tot Ion	Ratio	Resp	Lower	Upper
127	100	527975		
129	32.9		26.2	39.4
65	34.1		23.0	34.4
92	20.1		15.1	22.7

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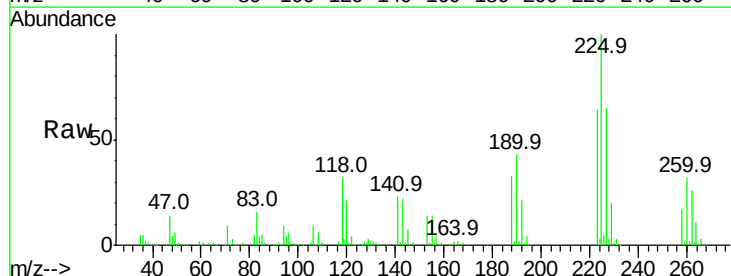


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

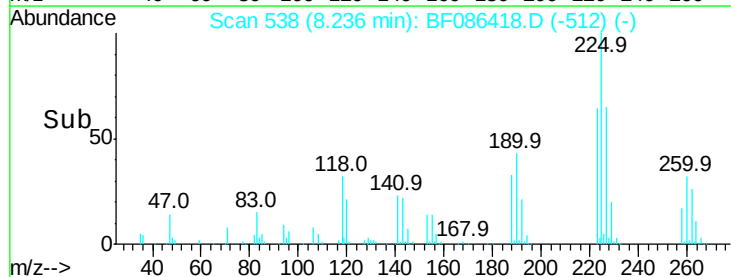
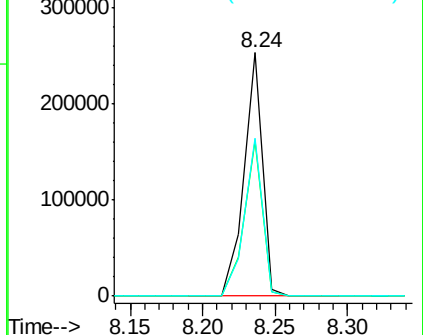


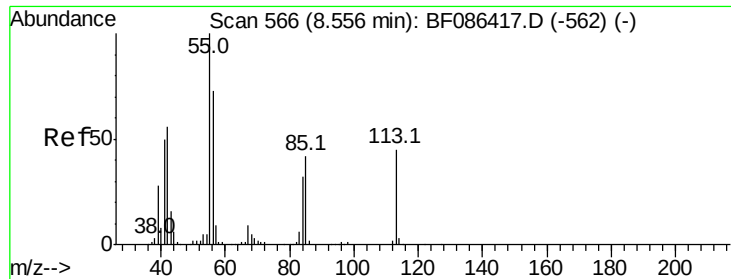
#34
Hexachlorobutadiene
Concen: 62.34 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	223933		
223	63.5		51.5	77.3
227	64.7		52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 50.46 ng

RT: 8.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

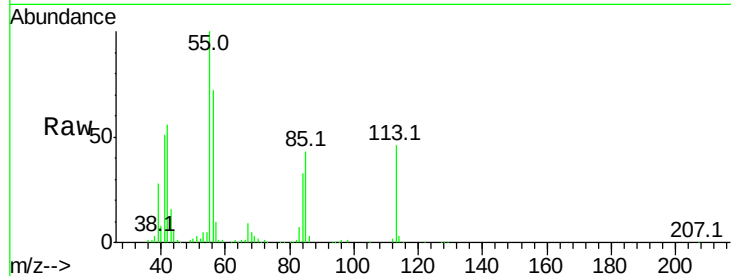
ClientSampleId :

SSTDICC050

Tot Ion:	113	Resp:	119898
Ion Ratio	Lower	Upper	
113	100		
55	216.5	162.0	202.0#
56	155.0	115.3	155.3

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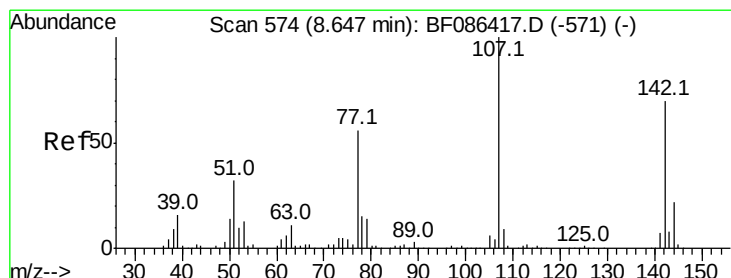
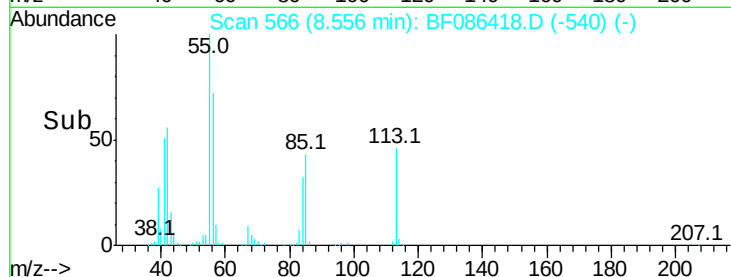
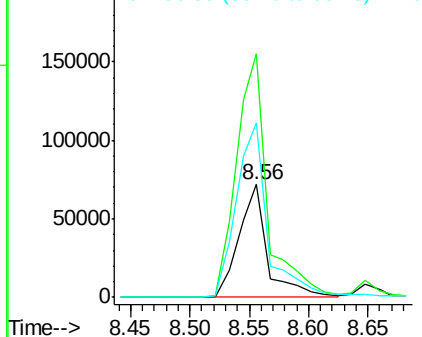
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.44 ng

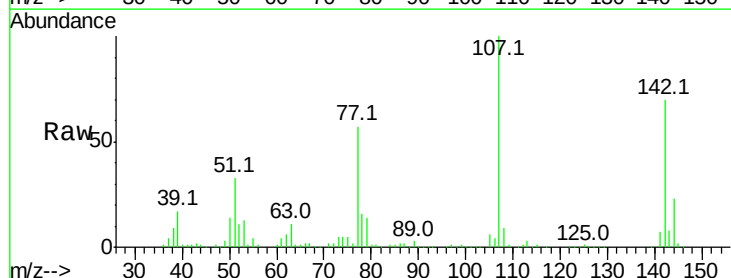
RT: 8.65 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

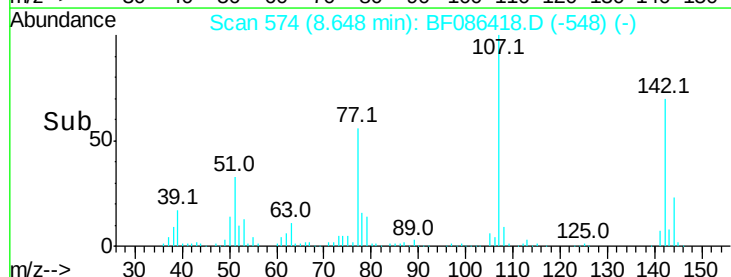
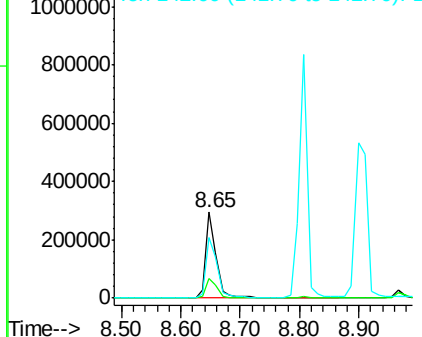
Tgt Ion:	107	Resp:	381270
Ion Ratio	Lower	Upper	
107	100		
144	22.5	20.7	31.1
142	70.0	63.2	94.8

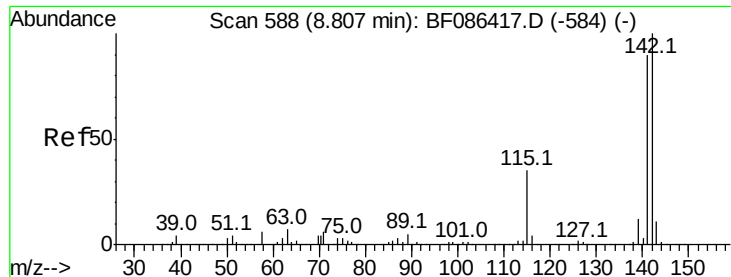


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





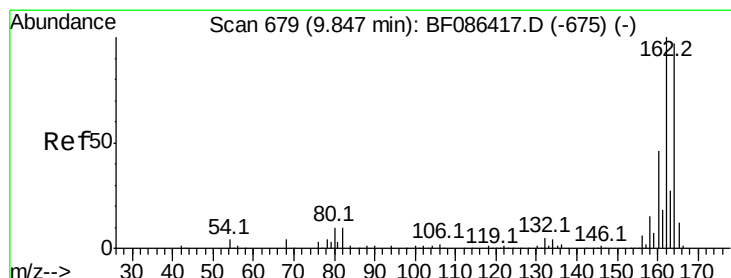
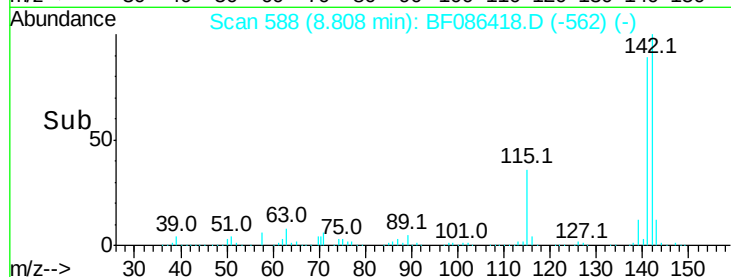
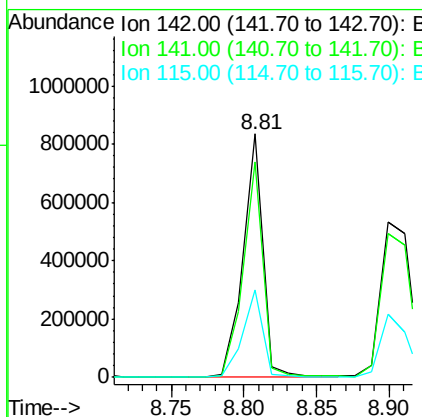
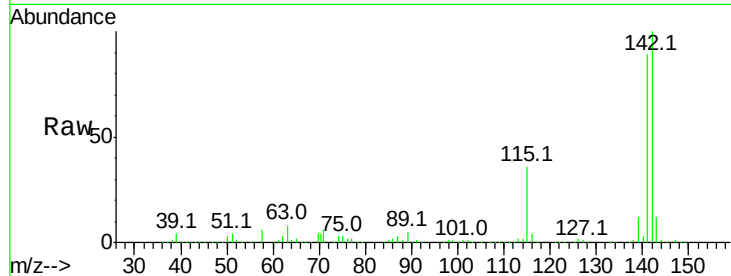
#37
 2-Methylnaphthalene
 Concen: 52.19 ng
 RT: 8.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF086418.D
 Acq: 27 Apr 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	142	Resp:	801919
Ion Ratio	Lower	Upper	
142	100		
141	88.7	71.0	106.6
115	35.9	26.6	39.8

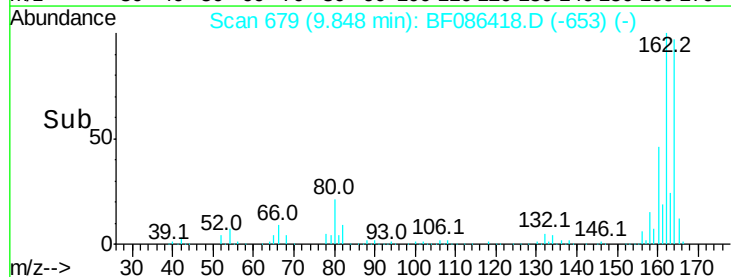
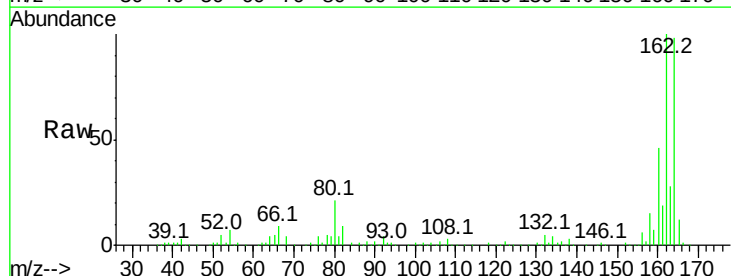
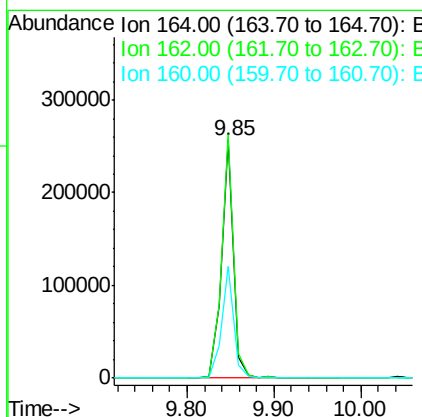
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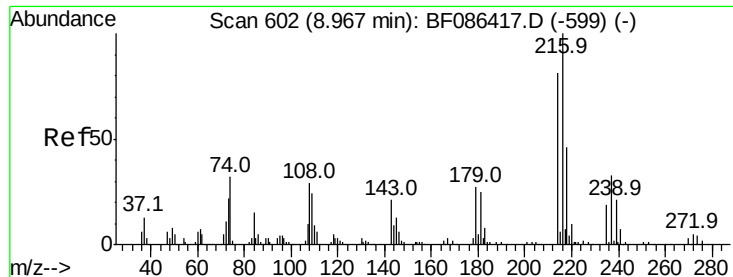
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF086418.D
 Acq: 27 Apr 2016 12:22

Tgt Ion:	164	Resp:	251949
Ion Ratio	Lower	Upper	
164	100		
162	102.3	82.8	124.2
160	47.0	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.80 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:216 Resp: 324613

Ion Ratio Lower Upper

216 100

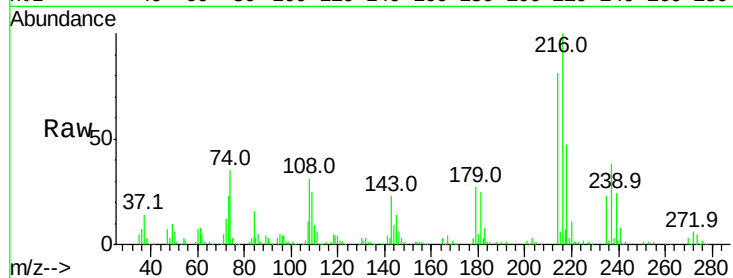
214 79.5 62.6 93.8

179 23.2 18.2 27.4

108 23.4 17.5 26.3

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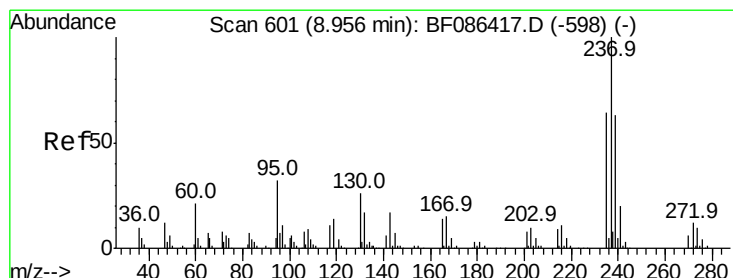
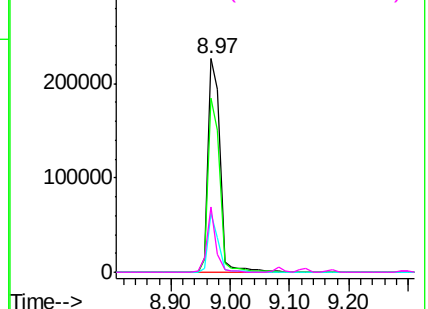
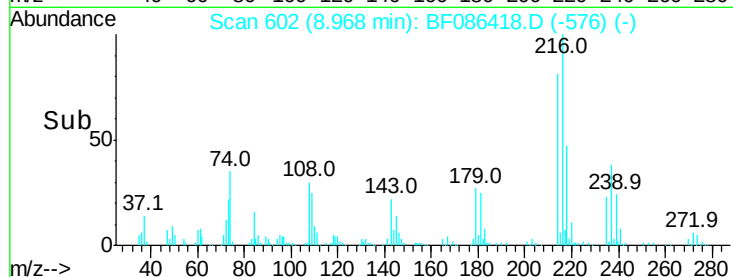


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 56.68 ng

RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

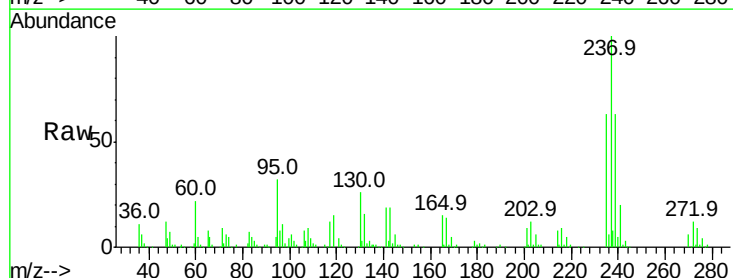
Tgt Ion:237 Resp: 180461

Ion Ratio Lower Upper

237 100

235 63.2 47.2 87.2

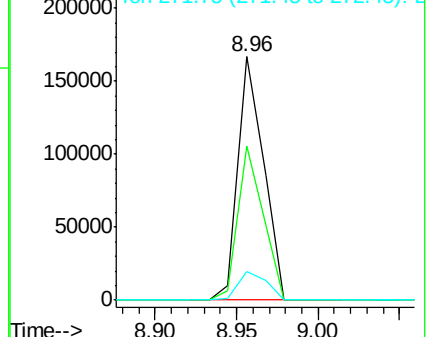
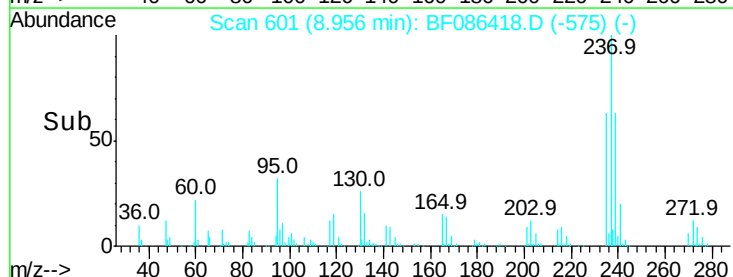
272 11.6 0.0 31.1

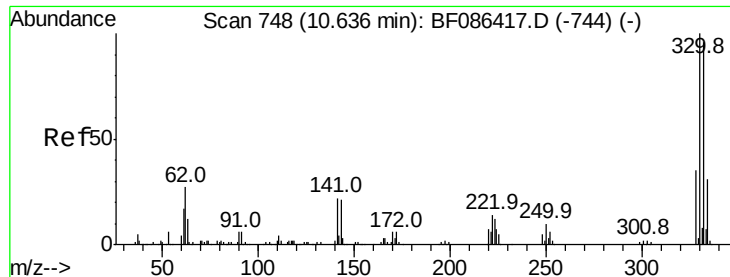


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





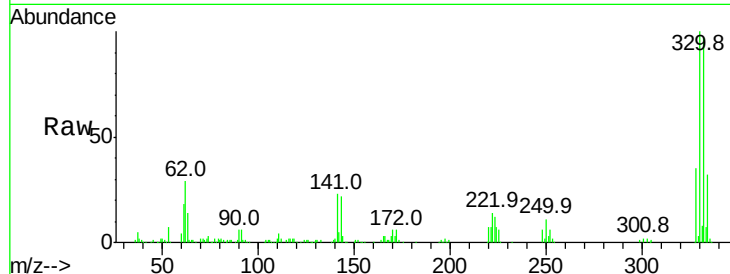
#41
 2,4,6-Tribromophenol
 Concen: 121.92 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086418.D
 Acq: 27 Apr 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

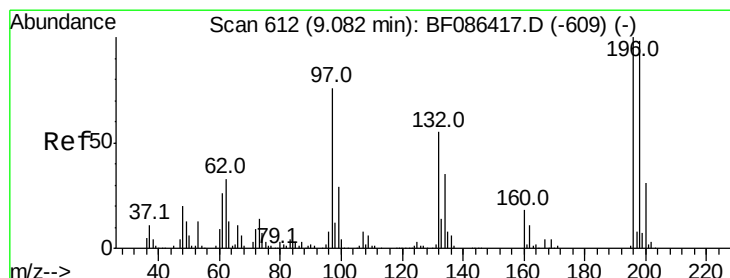
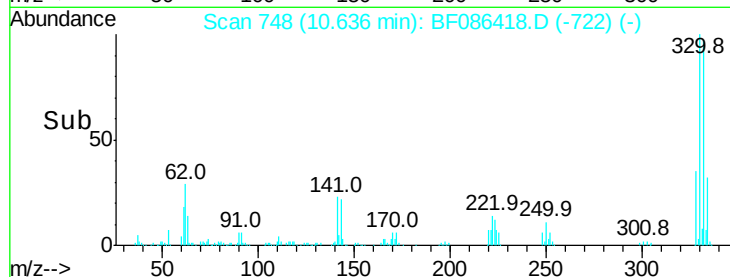
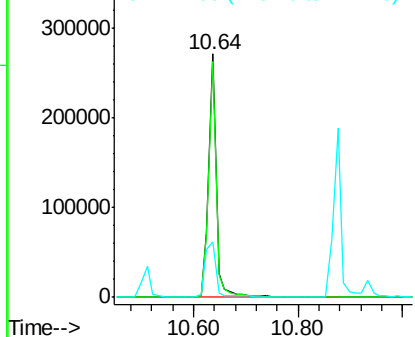
Tot Ion	Ratio	Resp	Lower	Upper
330	100	278061		
332	96.6	79.0	118.4	
141	33.8	31.2	46.8	

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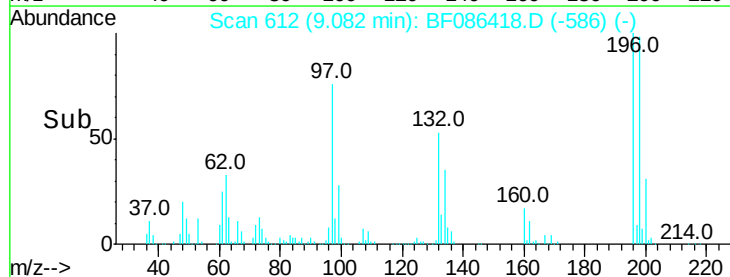
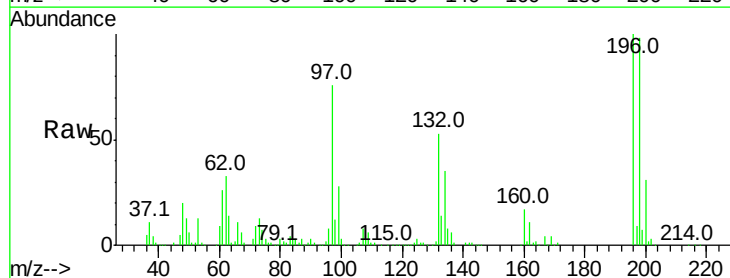
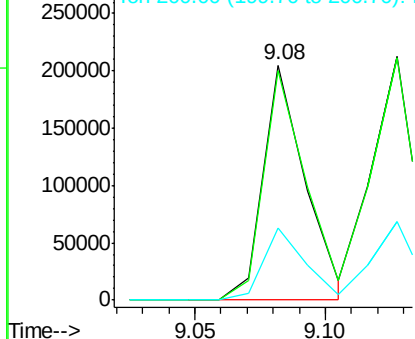
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

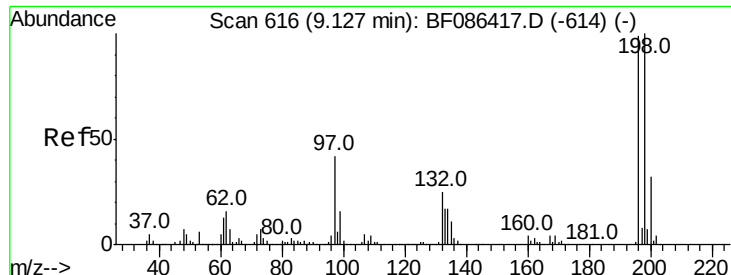


#42
 2,4,6-Trichlorophenol
 Concen: 53.82 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF086418.D
 Acq: 27 Apr 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	230039		
198	97.6	74.7	112.1	
200	30.7	23.8	35.6	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





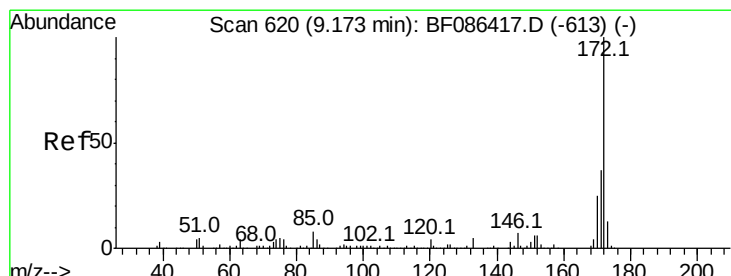
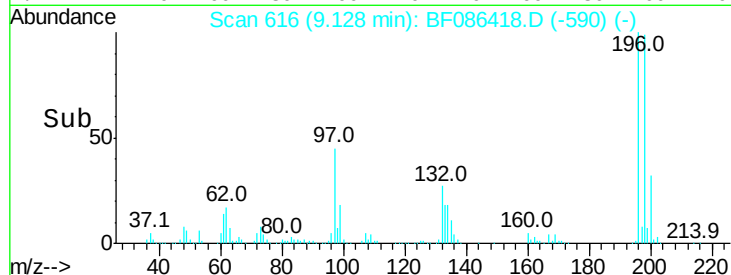
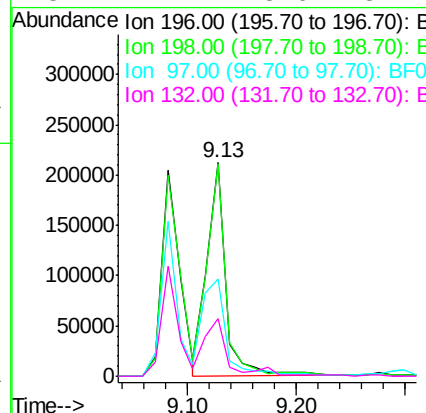
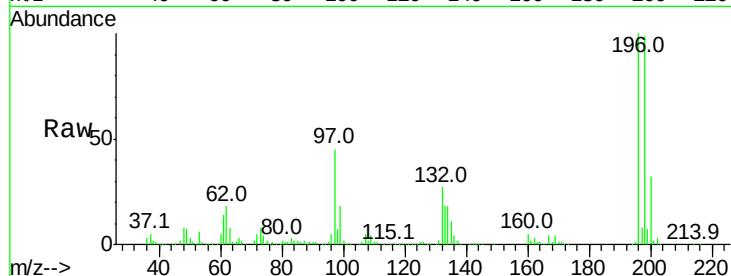
#43
 2,4,5-Trichlorophenol
 Concen: 48.48 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF086418.D
 Acq: 27 Apr 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	196	Resp	255125
Ion Ratio	Lower	Upper	
196	100		
198	99.5	77.5	116.3
97	45.4	34.8	52.2
132	27.2	23.0	34.4

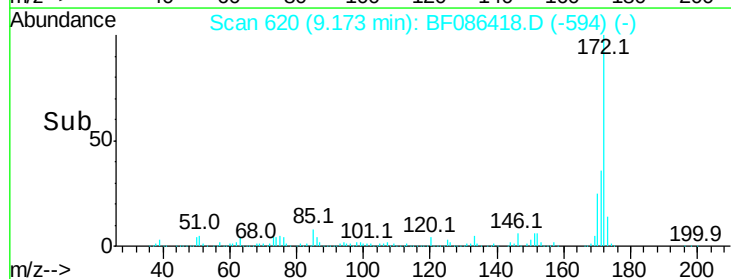
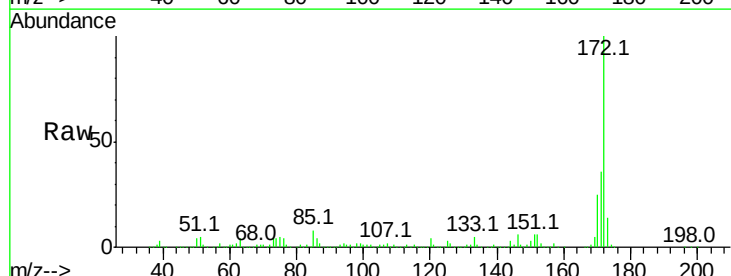
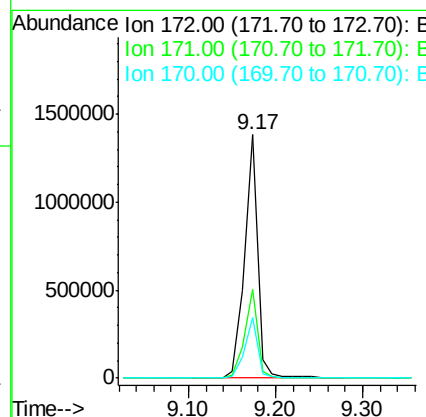
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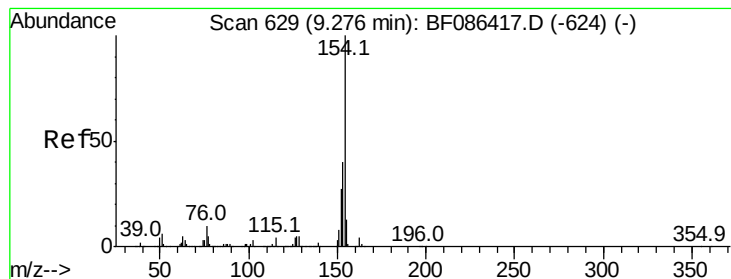
sohil
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#44
 2-Fluorobiphenyl
 Concen: 97.05 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086418.D
 Acq: 27 Apr 2016 12:22

Tgt Ion	172	Resp	1432805
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.0	43.6
170	24.9	19.8	29.8





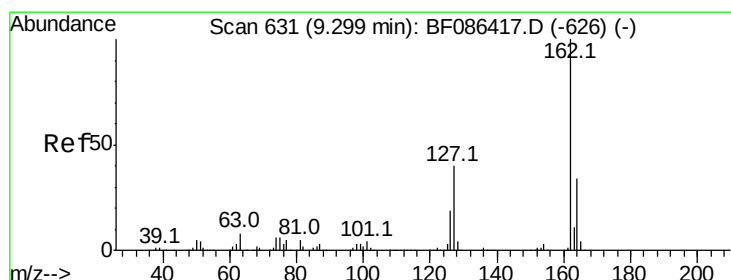
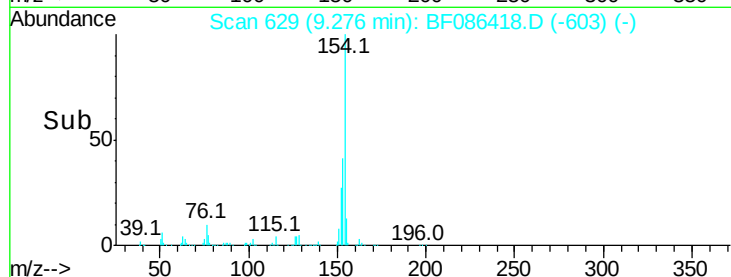
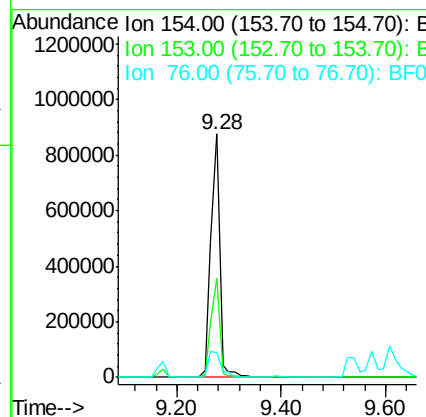
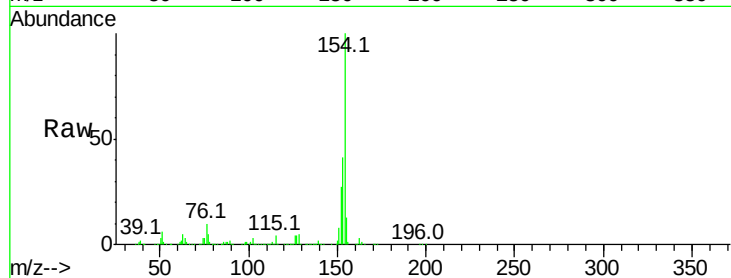
#45
 1,1'-Biphenyl
 Concen: 52.83 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF086418.D
 Acq: 27 Apr 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.3	60.3
76	10.3	0.0	30.2

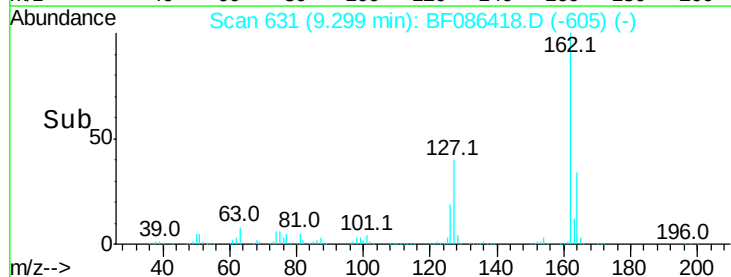
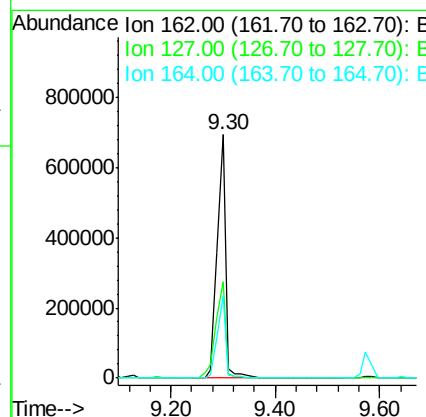
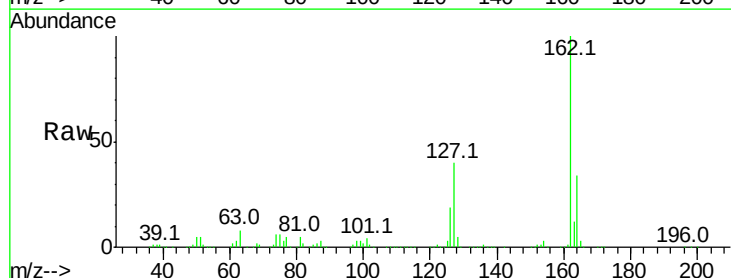
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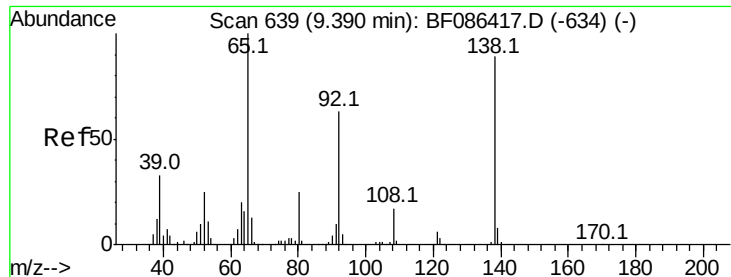
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#46
 2-Chloronaphthalene
 Concen: 51.51 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF086418.D
 Acq: 27 Apr 2016 12:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	31.8	47.6
164	33.7	27.0	40.6





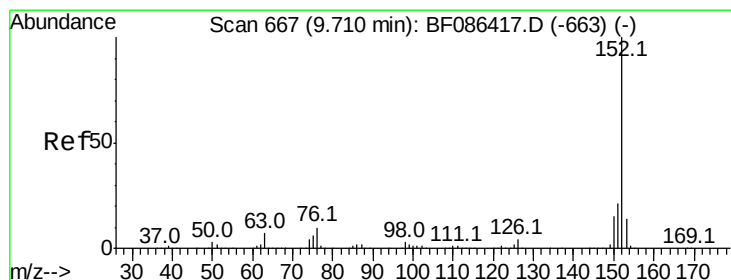
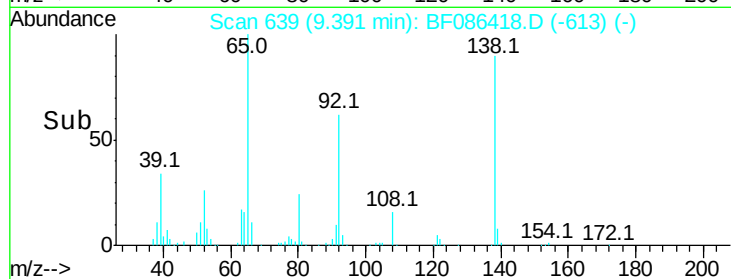
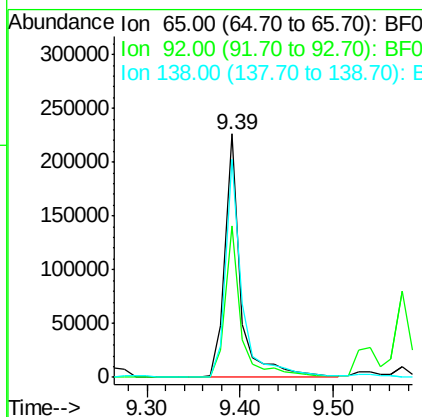
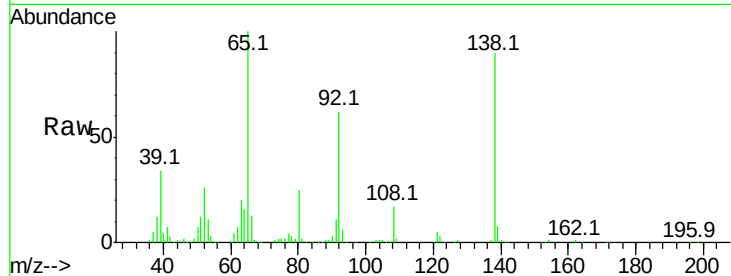
#47
2-Nitroaniline
Concen: 55.45 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.1	57.4	86.2
138	89.7	90.1	135.1#

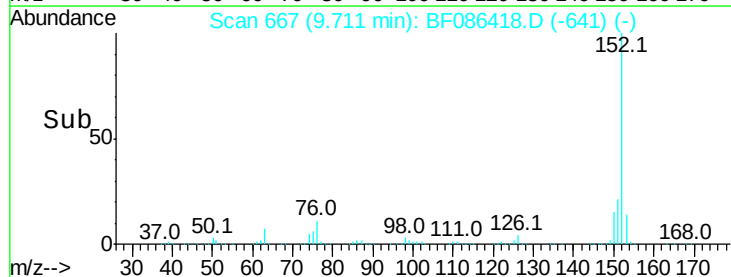
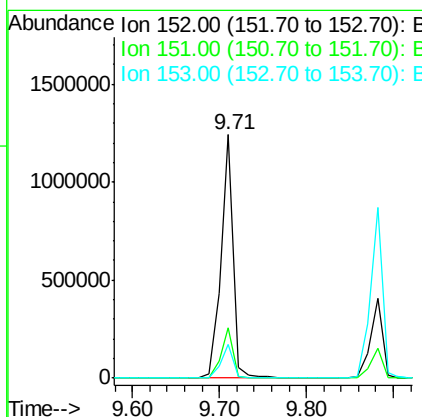
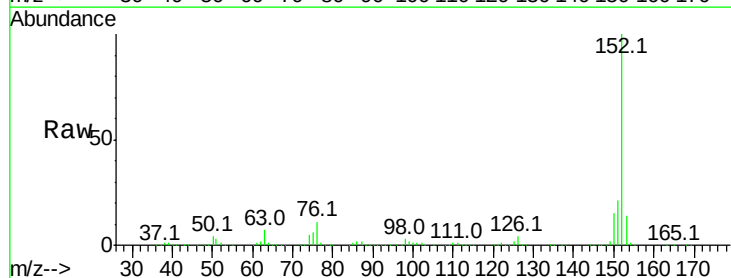
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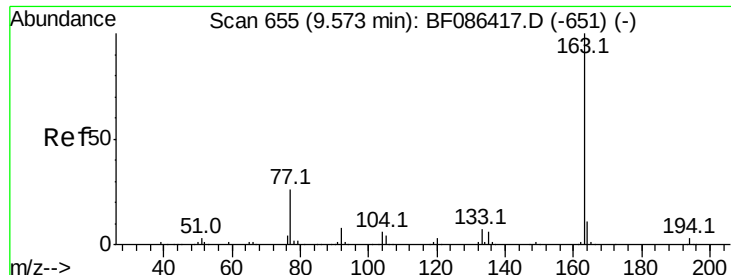
sohil
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#48
Acenaphthylene
Concen: 49.13 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.8	10.9	16.3





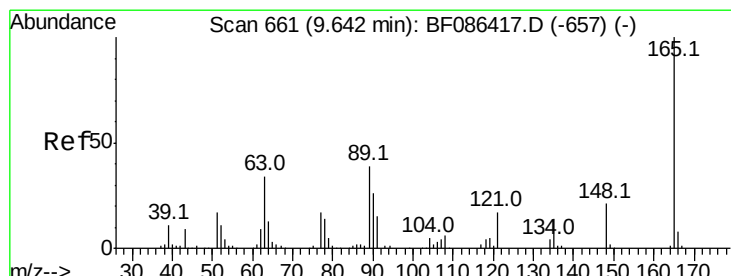
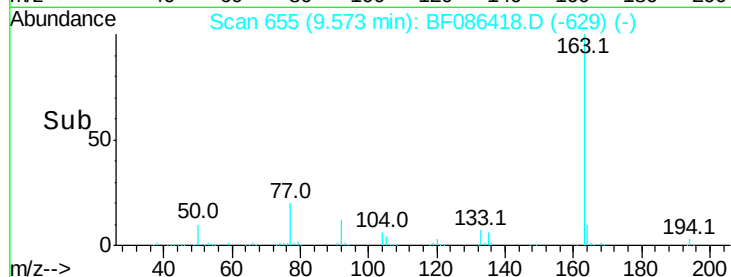
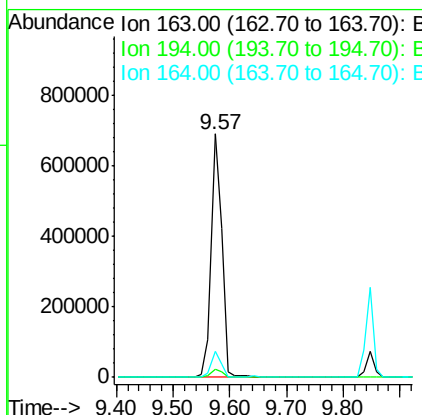
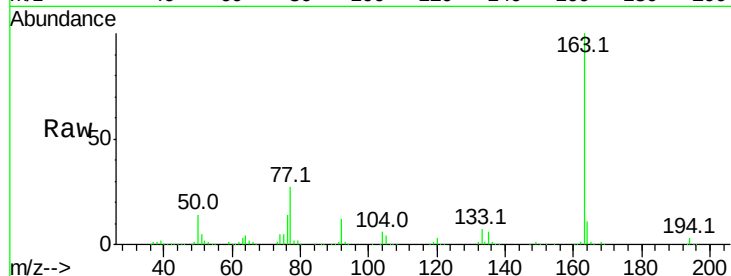
#49
Dimethylphthalate
Concen: 47.89 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
163	100	871775		
194	3.1	2.6	4.0	
164	10.6	8.2	12.4	

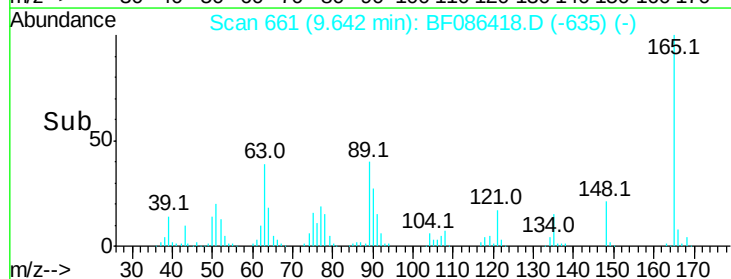
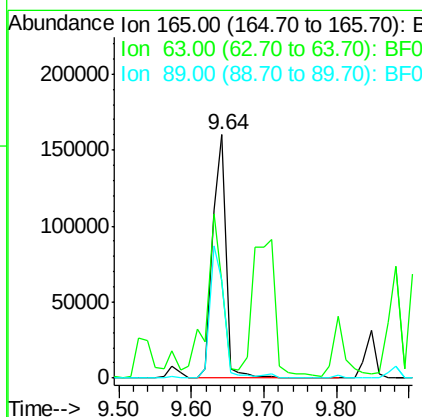
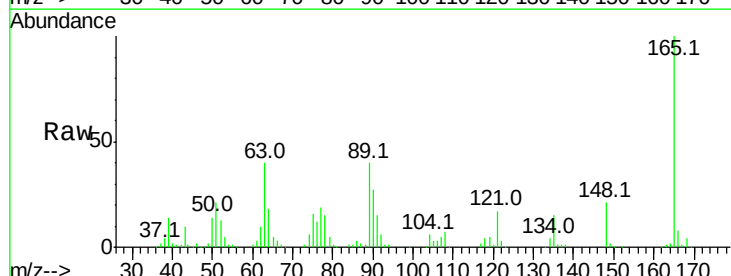
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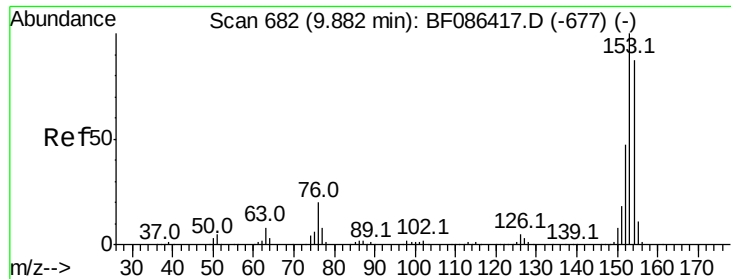
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#50
2,6-Dinitrotoluene
Concen: 51.64 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	203019		
63	39.6	51.8	77.8#	
89	40.4	50.7	76.1#	





#51

Acenaphthene

Concen: 51.54 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

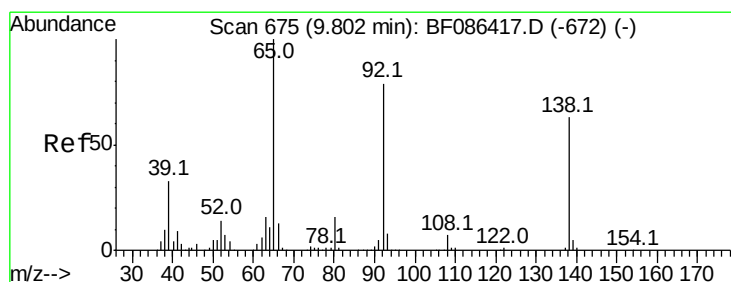
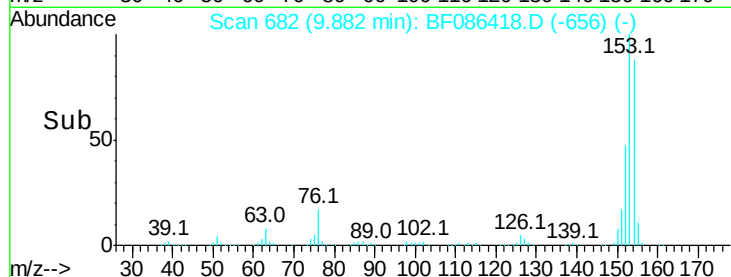
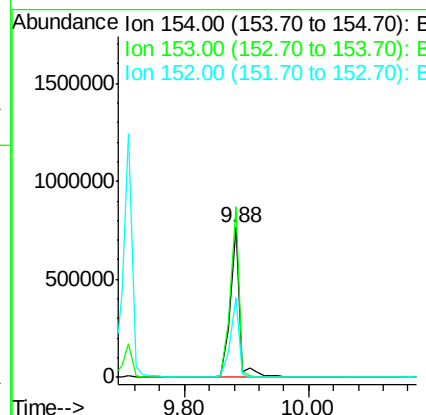
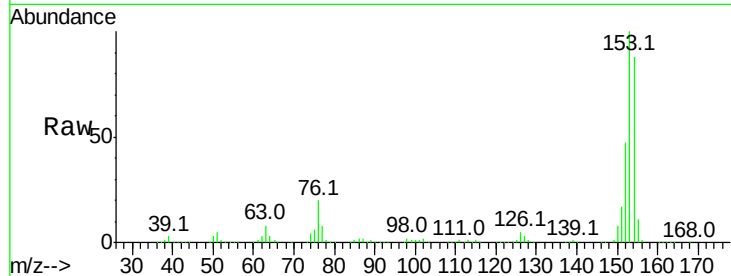
ClientSampleId :

SSTDIC050

Tot Ion:	154	Resp:	794311
Ion Ratio	Lower	Upper	
154	100		
153	113.9	89.8	134.6
152	53.3	43.4	65.0

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#52

3-Nitroaniline

Concen: 44.66 ng

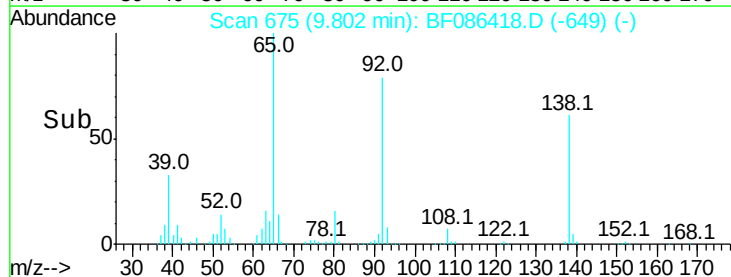
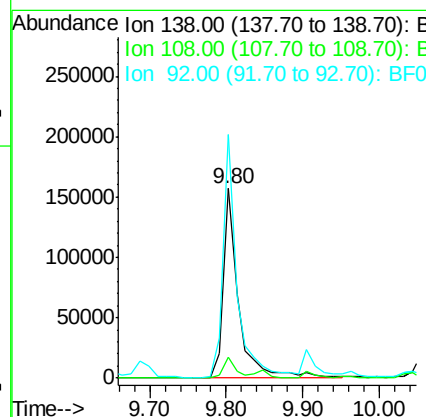
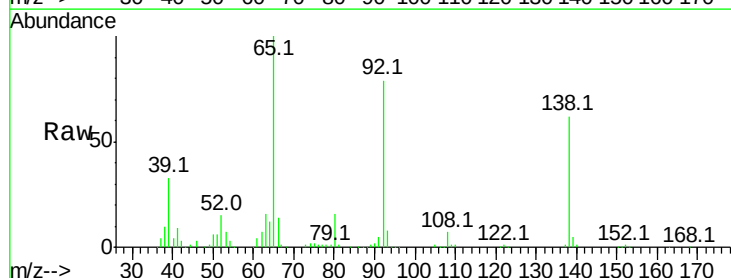
RT: 9.80 min Scan# 675

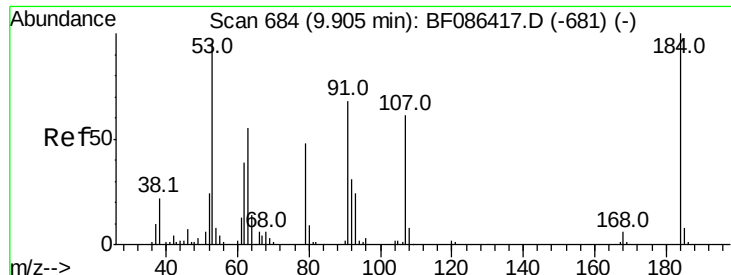
Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Tgt Ion:	138	Resp:	219797
Ion Ratio	Lower	Upper	
138	100		
108	10.8	7.8	11.6
92	128.6	87.8	131.8





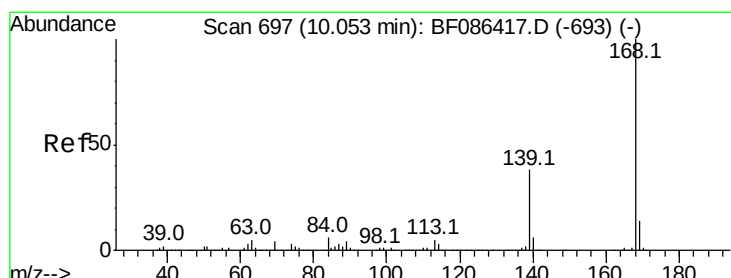
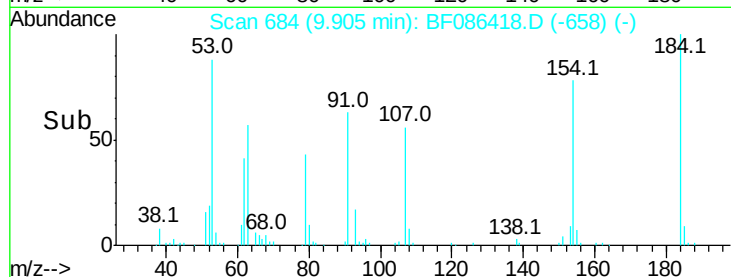
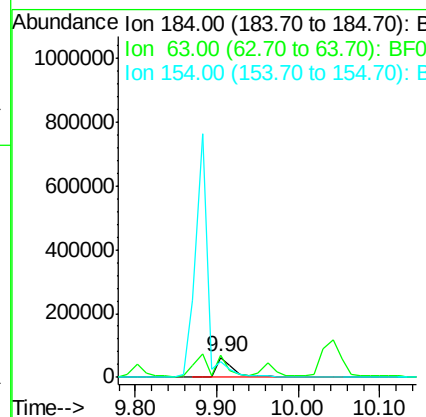
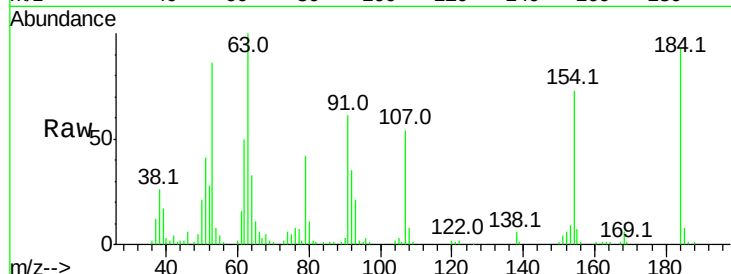
#53
2,4-Dinitrophenol
Concen: 46.10 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
184	100		
63	107.9	55.8	83.8#
154	78.6	62.4	93.6

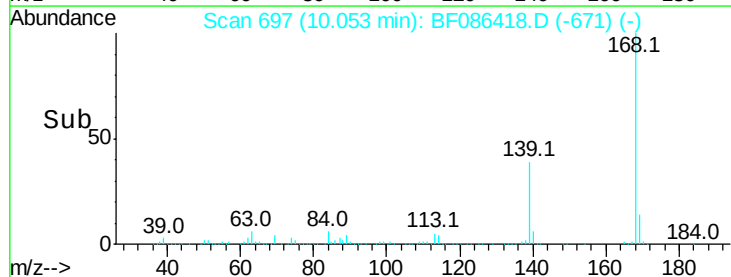
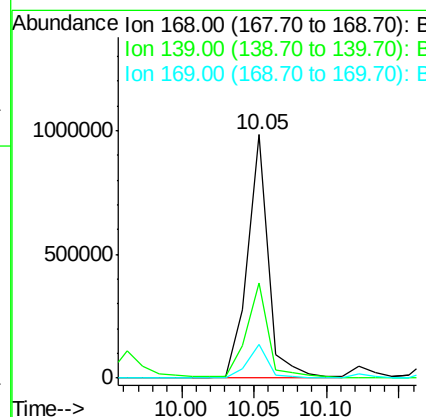
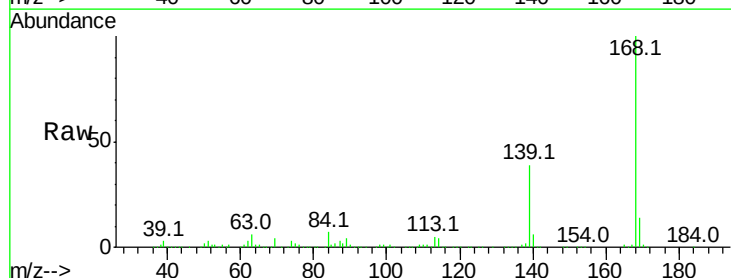
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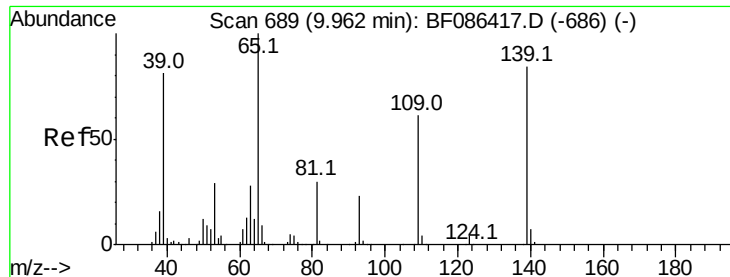
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#54
Dibenzofuran
Concen: 49.98 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	31.4	47.0
169	13.7	10.7	16.1





#55

4-Nitrophenol

Concen: 43.19 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

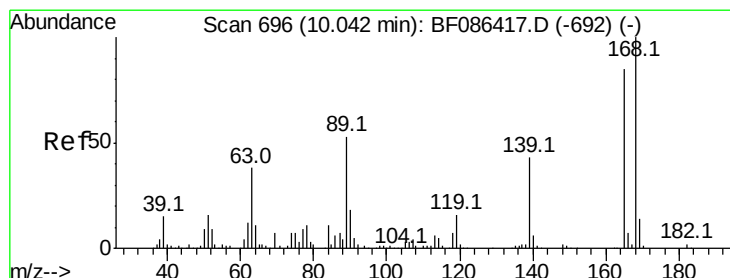
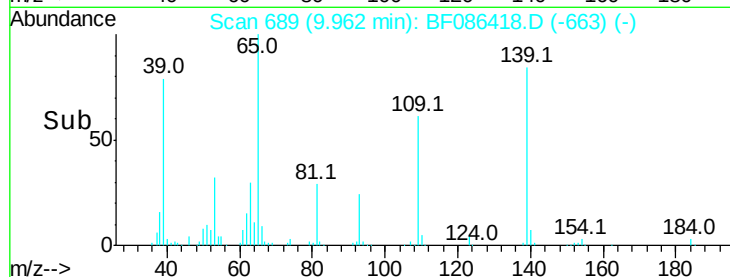
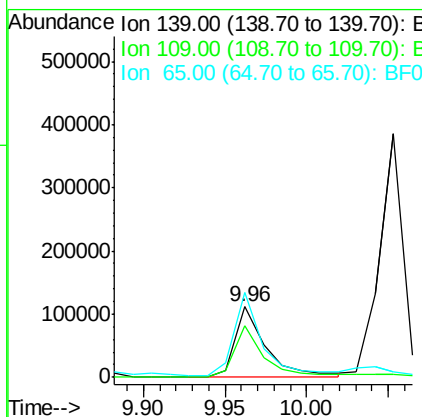
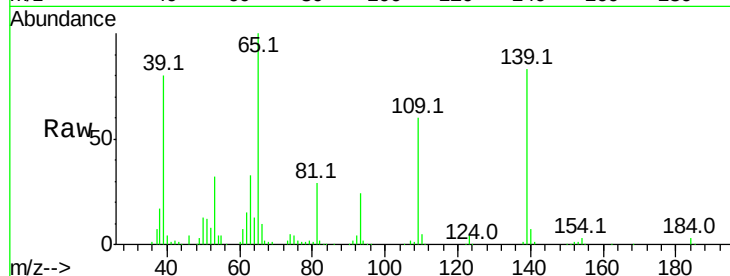
ClientSampleId :

SSTDIC050

Tot Ion:	139	Resp:	148773
Ion Ratio	Lower	Upper	
139	100		
109	72.6	36.9	76.9
65	120.6	64.0	104.0#

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#56

2,4-Dinitrotoluene

Concen: 51.56 ng

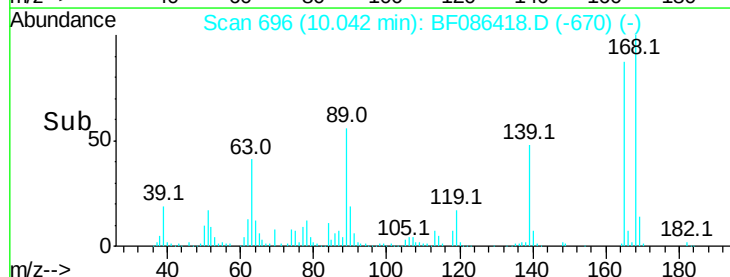
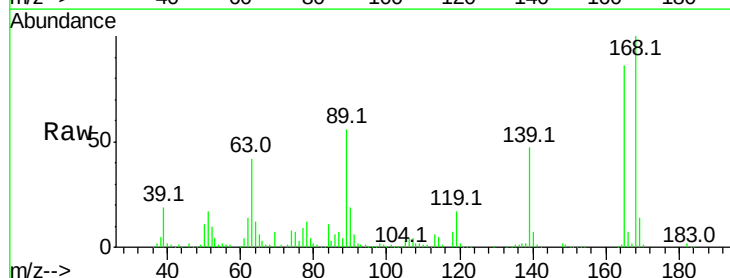
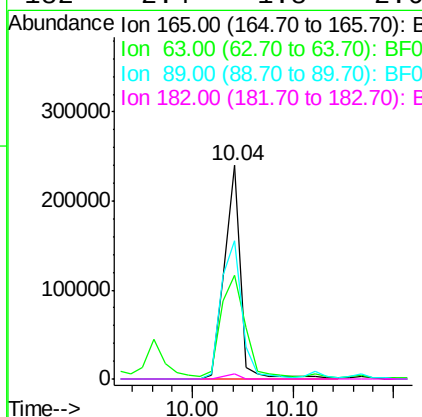
RT: 10.04 min Scan# 696

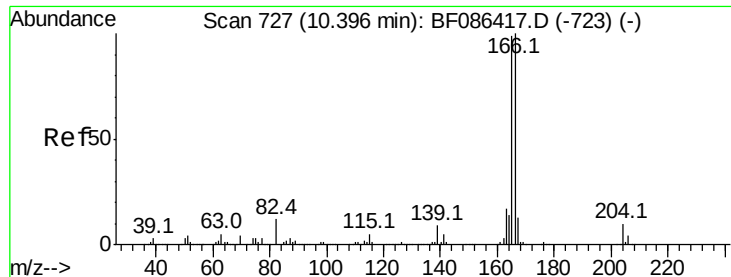
Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Tgt Ion:	165	Resp:	269193
Ion Ratio	Lower	Upper	
165	100		
63	48.5	44.3	66.5
89	64.8	70.0	105.0#
182	2.4	1.8	2.6





#57

Fluorene

Concen: 50.29 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:166 Resp: 815586

Ion Ratio Lower Upper

166 100

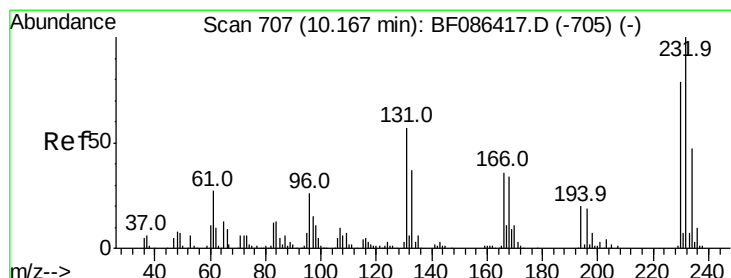
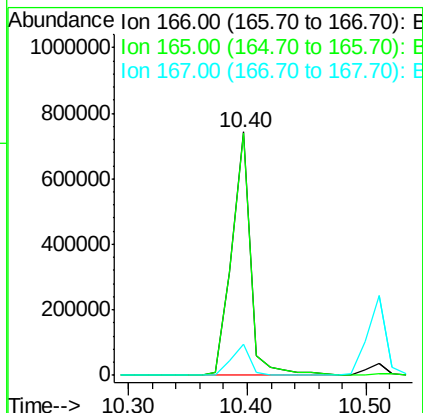
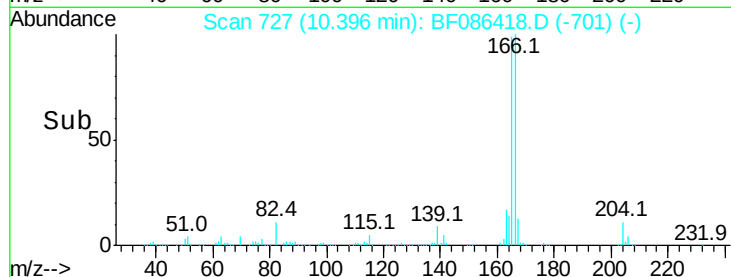
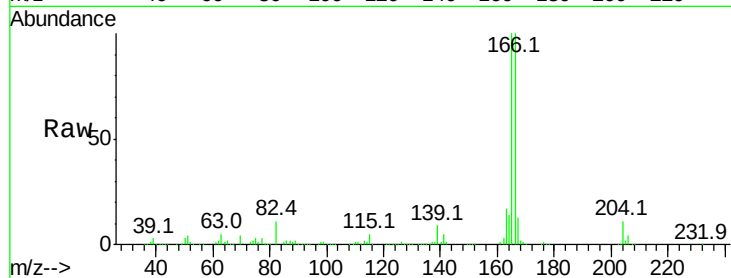
165 99.5 79.0 118.6

167 13.0 10.6 15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 51.49 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Tgt Ion:232 Resp: 198039

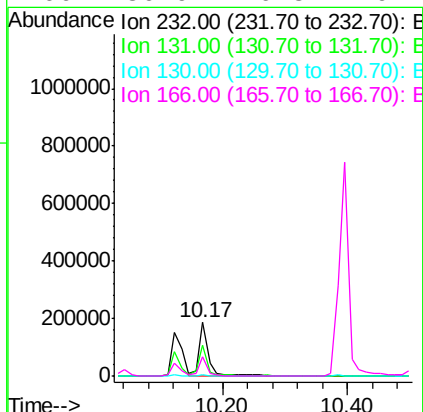
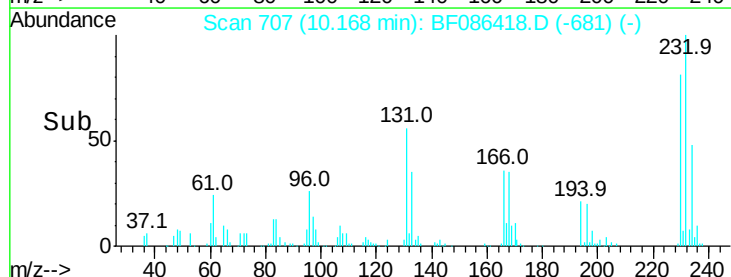
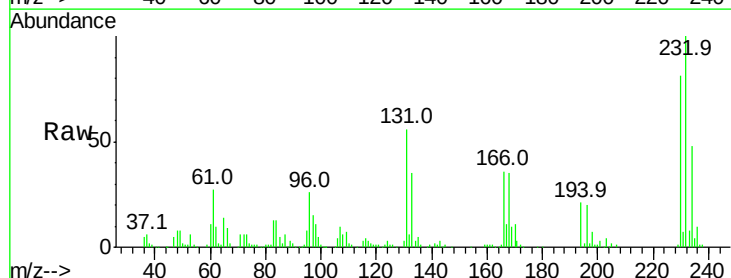
Ion Ratio Lower Upper

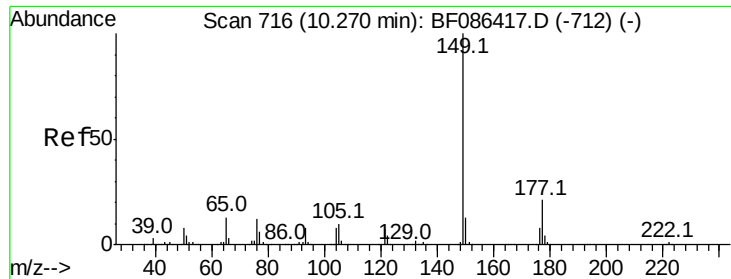
232 100

131 51.9 41.9 62.9

130 2.6 2.2 3.4

166 30.9 26.8 40.2





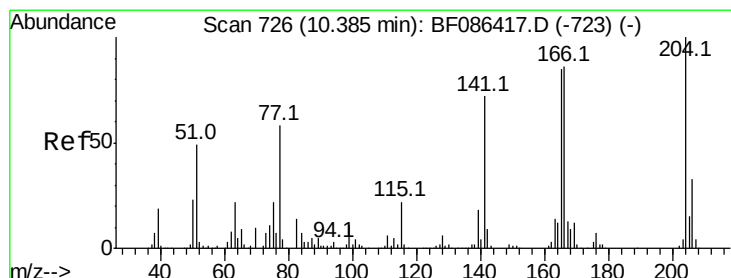
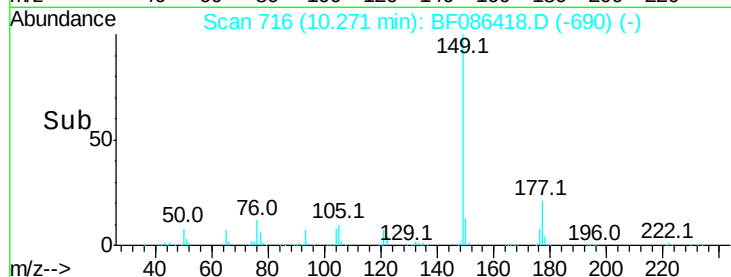
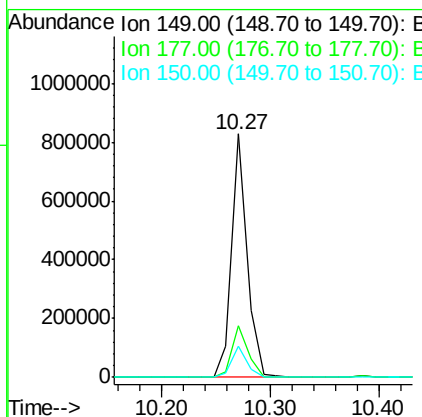
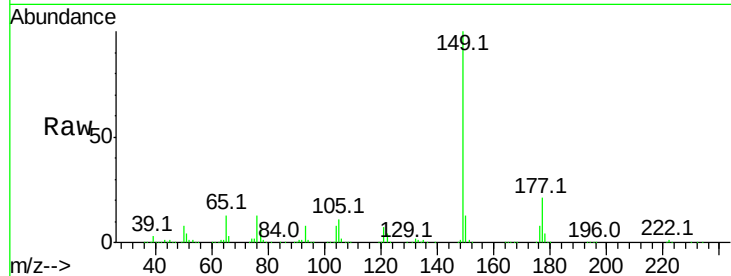
#59
Diethylphthalate
Concen: 46.73 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Instrument :
BNA_F
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
149	100	814411		
177	21.1	16.6	24.8	
150	12.8	10.0	15.0	

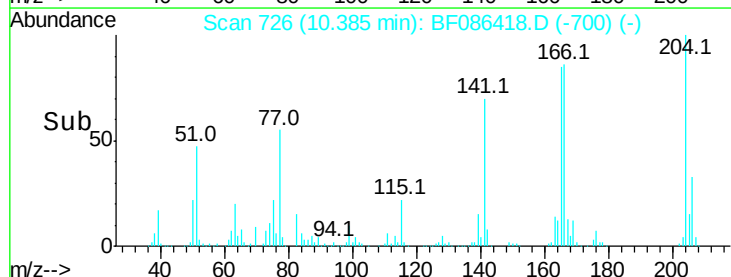
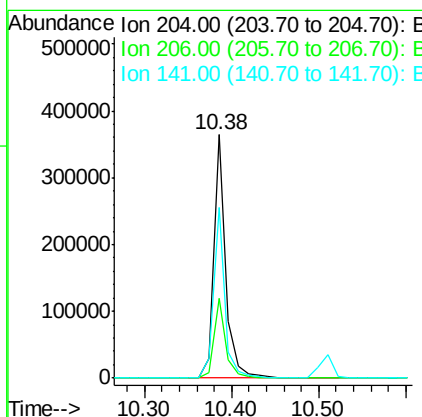
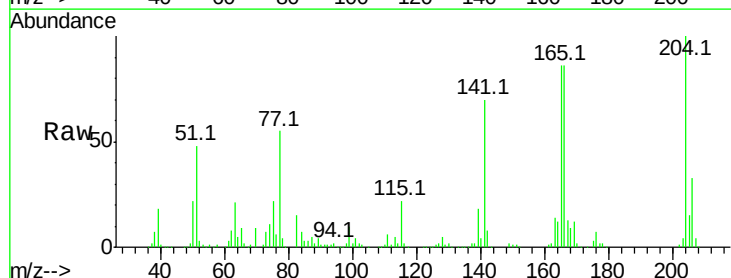
Manual Integrations
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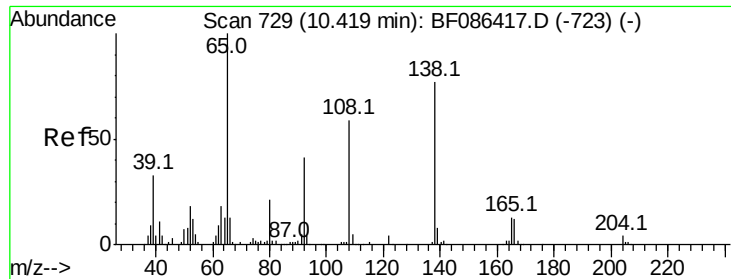
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#60
4-Chlorophenyl-phenylether
Concen: 49.71 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	352566		
206	32.8	25.4	38.0	
141	69.8	61.6	92.4	





#61

4-Nitroaniline

Concen: 44.81 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:138 Resp: 225763

Ion Ratio Lower Upper

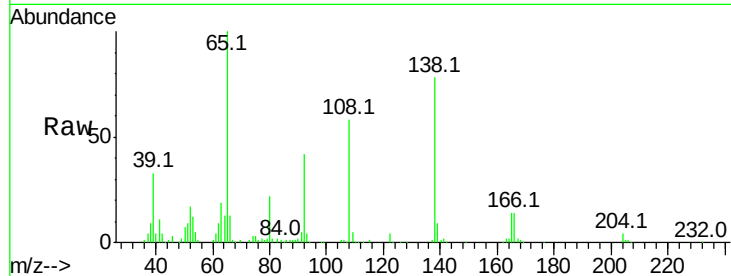
138 100

92 53.3 24.7 64.7

108 74.1 37.4 77.4

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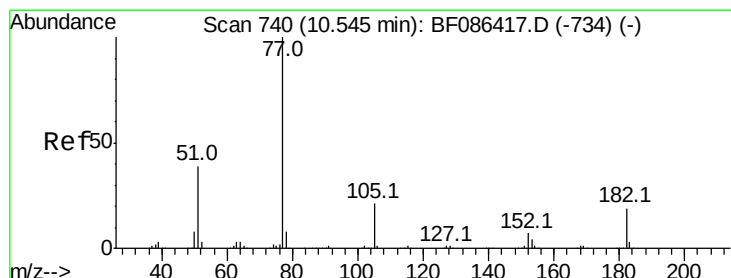
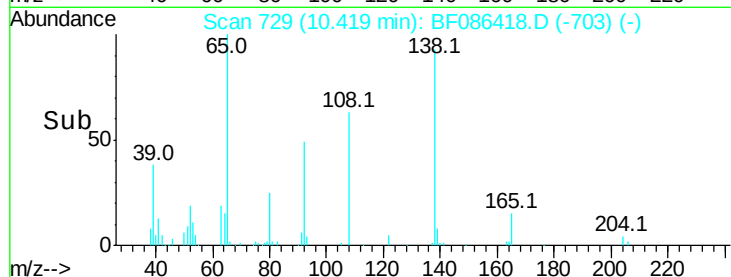
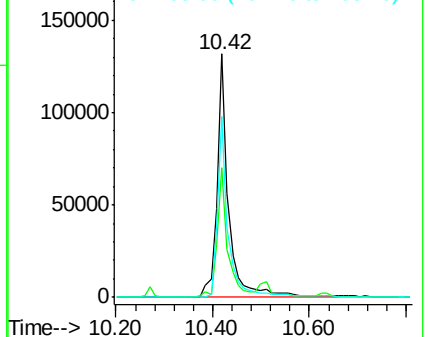
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 52.03 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Tgt Ion: 77 Resp: 940358

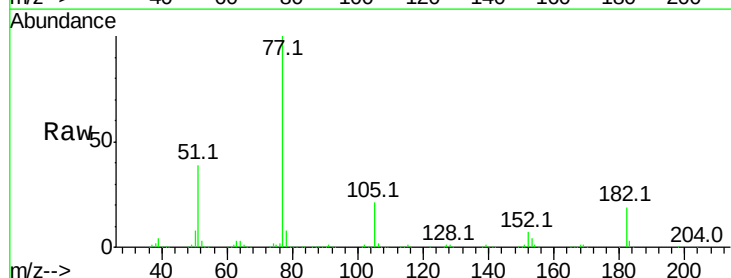
Ion Ratio Lower Upper

77 100

182 18.7 0.0 38.8

105 21.2 3.2 43.2

51 38.8 8.8 48.8

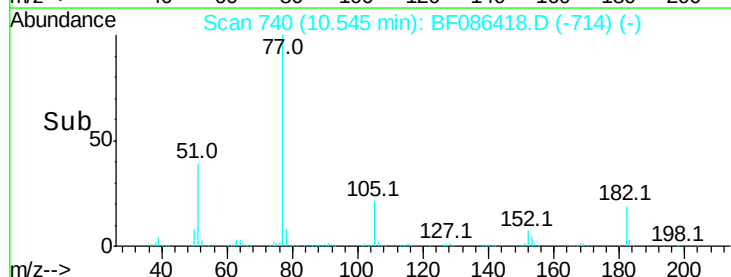
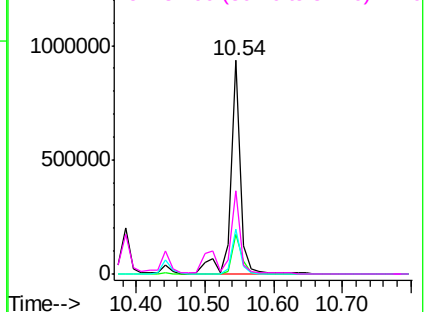


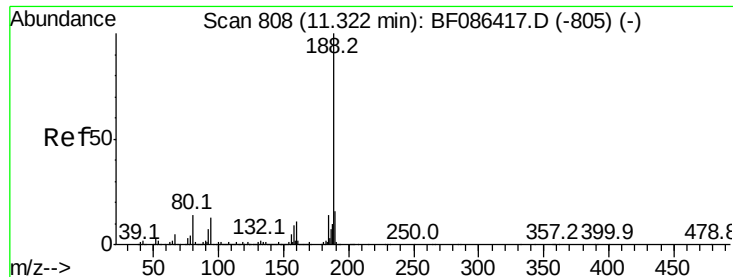
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

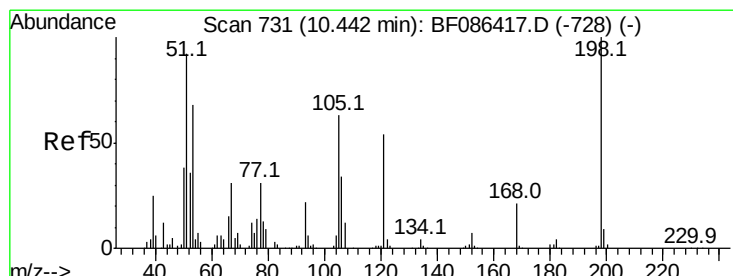
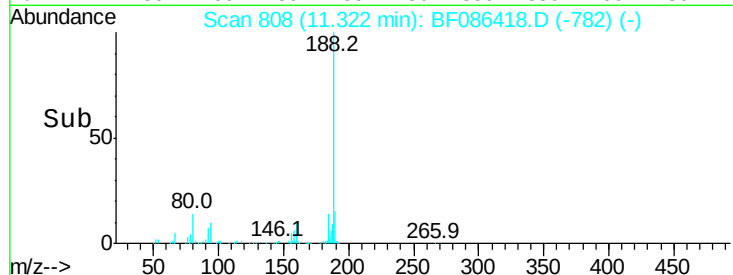
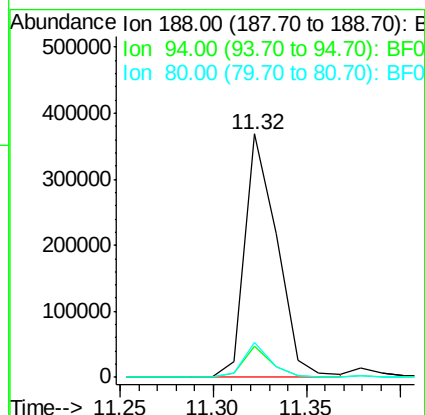
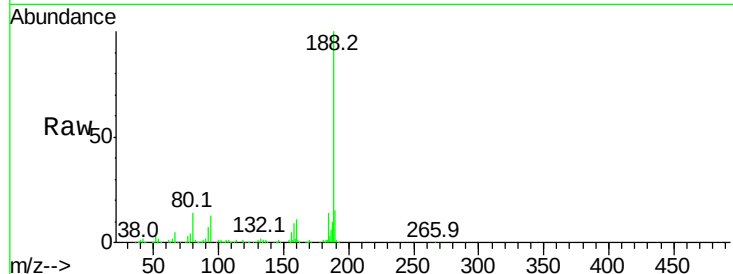
ClientSampleId :

SSTDIC050

Tot Ion:188	Resp:	445673
Ion Ratio	Lower	Upper
188 100		
94 13.0	6.8	10.2#
80 14.3	7.1	10.7#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 48.46 ng

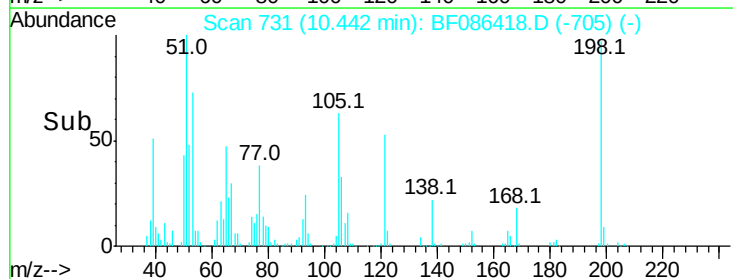
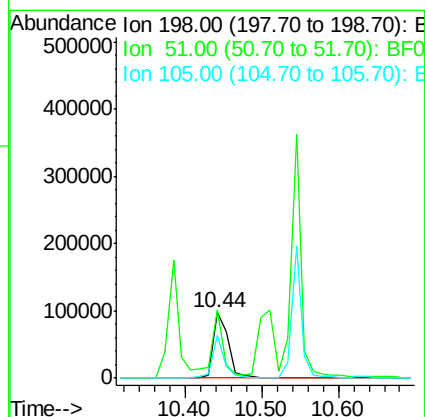
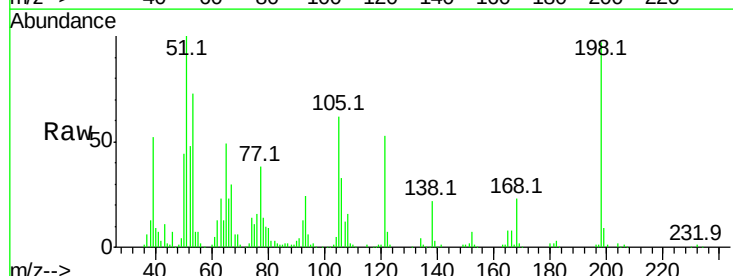
RT: 10.44 min Scan# 731

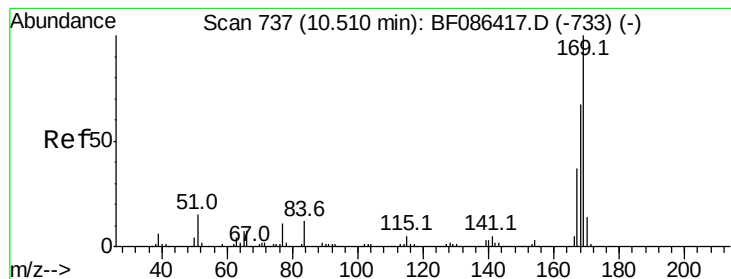
Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Tgt Ion:198	Resp:	131965
Ion Ratio	Lower	Upper
198 100		
51 103.6	20.5	60.5#
105 64.6	24.5	64.5#





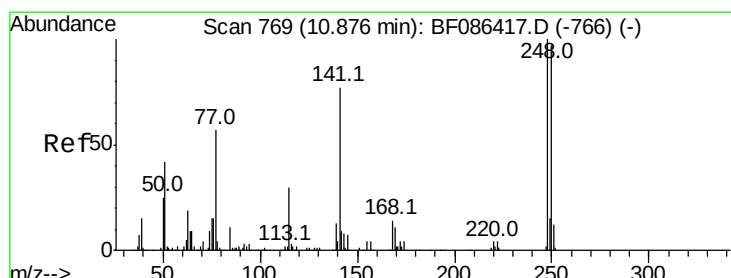
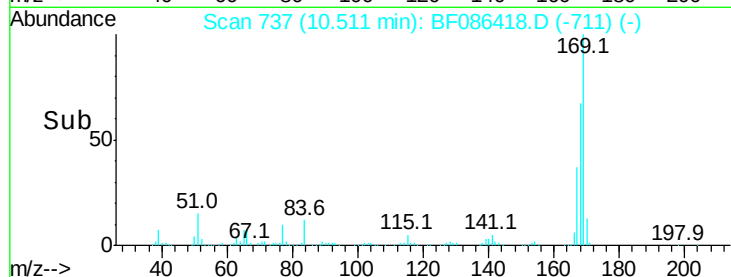
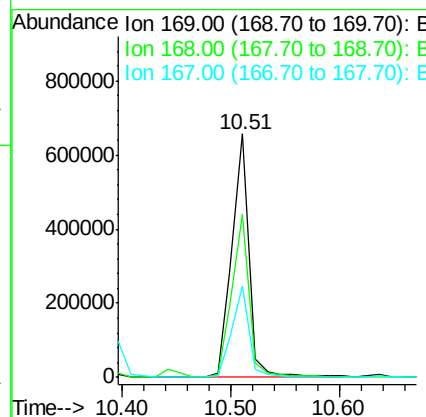
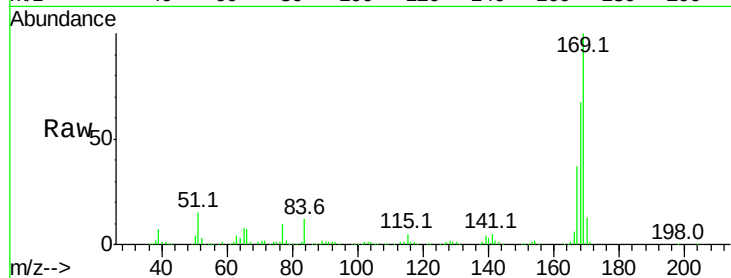
#65
n-Nitrosodiphenylamine
Concen: 52.09 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
169	100	715824		
168	67.1		53.8	80.6
167	37.4		29.5	44.3

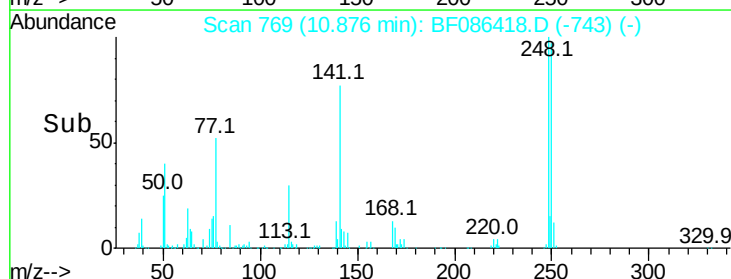
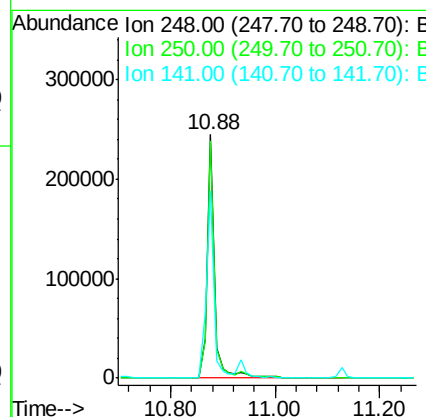
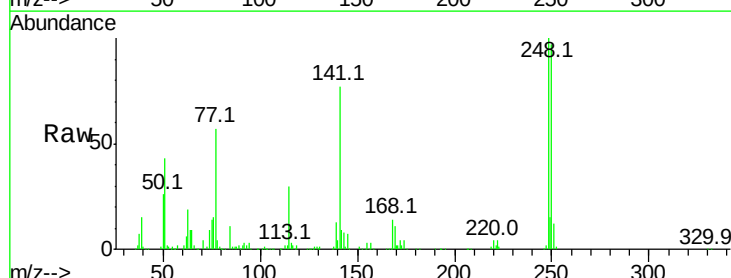
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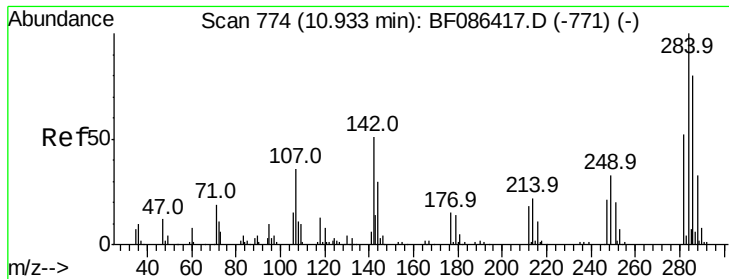
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#66
4-Bromophenyl-phenylether
Concen: 55.50 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	242219		
250	97.3		78.6	117.8
141	76.9		76.0	114.0





#67

Hexachlorobenzene

Concen: 55.05 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

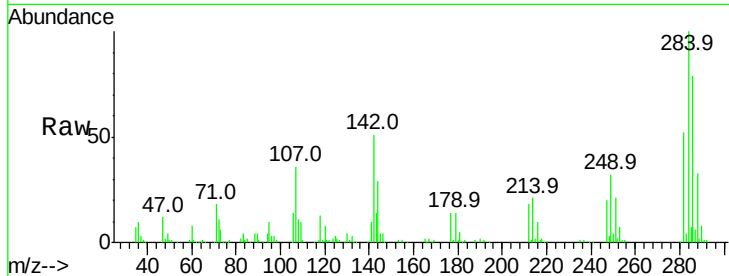
ClientSampleId :

SSTDIC050

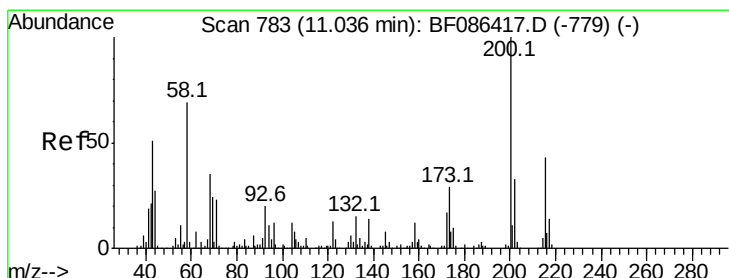
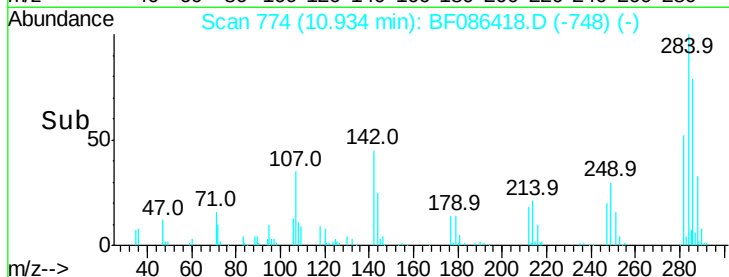
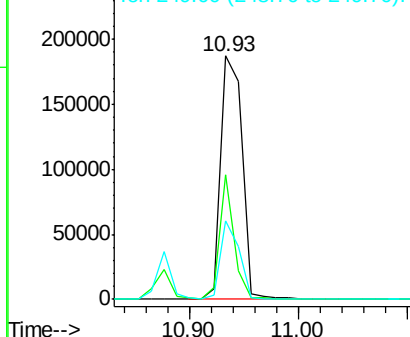
Tot Ion:	284	Resp:	256319
Ion Ratio	Lower	Upper	
284	100		
142	51.3	16.7	25.1#
249	32.5	21.3	31.9#

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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: 49.81 ng

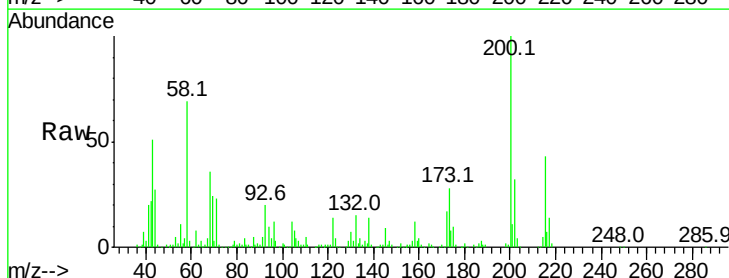
RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

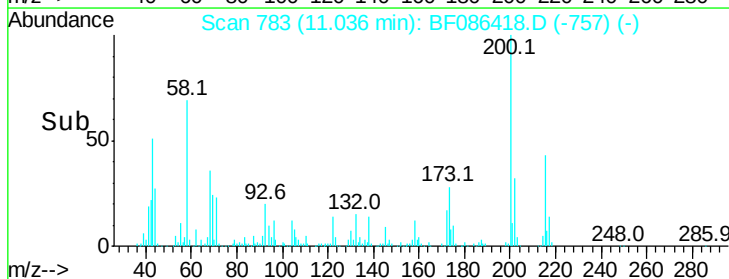
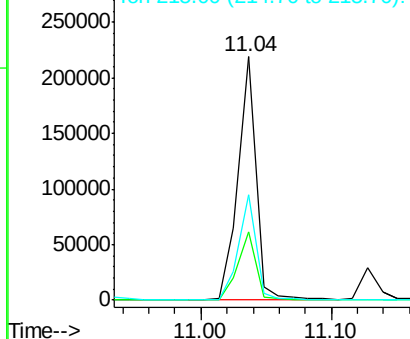
Lab File: BF086418.D

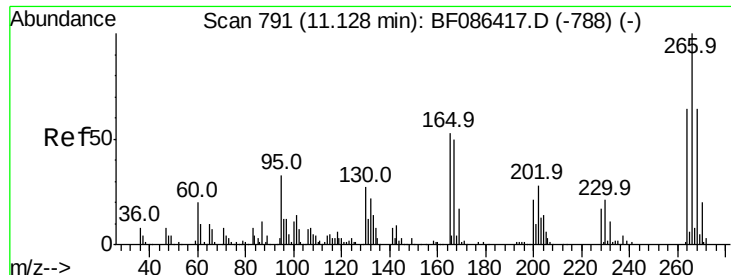
Acq: 27 Apr 2016 12:22

Tgt Ion:	200	Resp:	211354
Ion Ratio	Lower	Upper	
200	100		
173	28.1	8.5	48.5
215	43.1	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





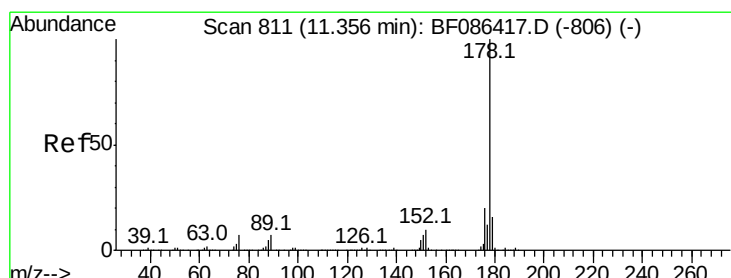
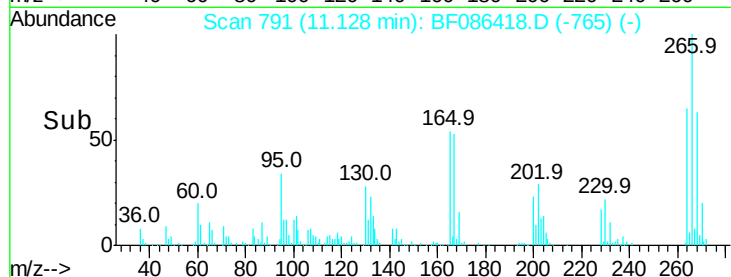
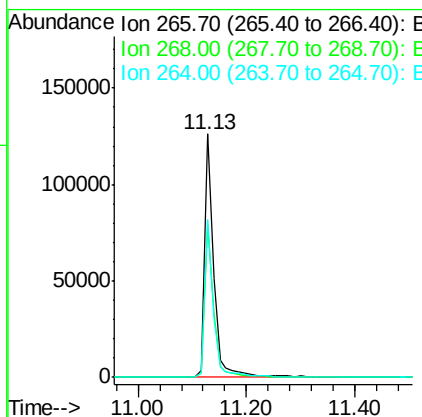
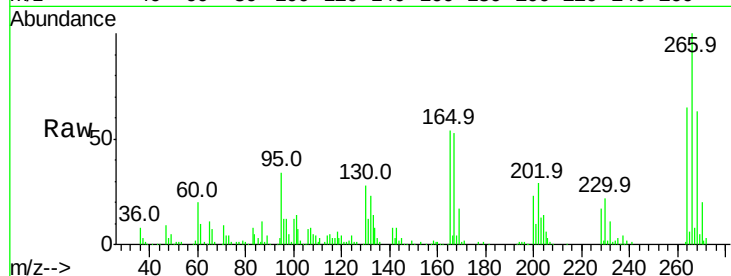
#69
 Pentachlorophenol
 Concen: 53.58 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF086418.D
 Acq: 27 Apr 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
266	100	146493		
268	62.6	51.5	77.3	
264	64.9	52.9	79.3	

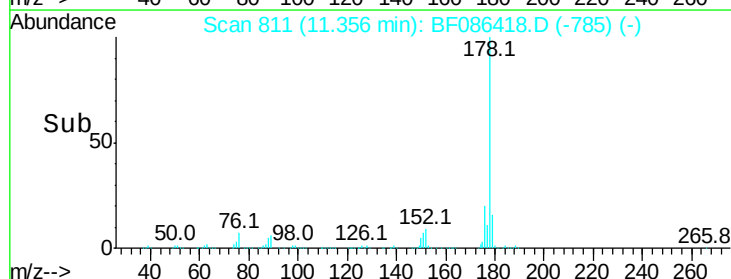
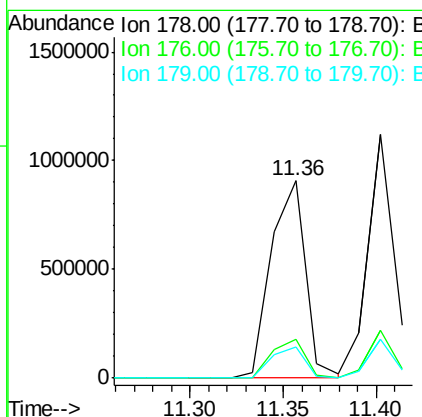
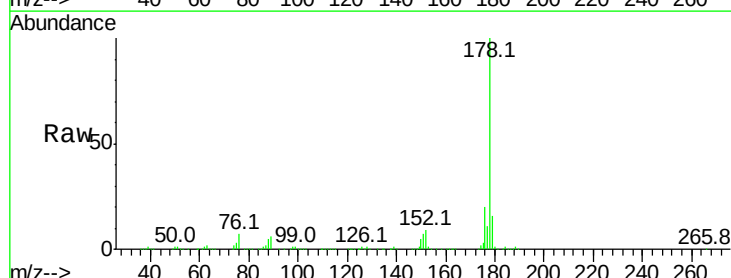
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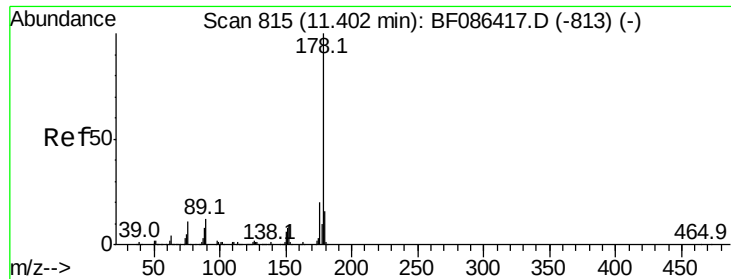
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#70
 Phenanthrene
 Concen: 51.70 ng
 RT: 11.36 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF086418.D
 Acq: 27 Apr 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1157733		
176	19.9	16.0	24.0	
179	15.5	12.6	18.8	





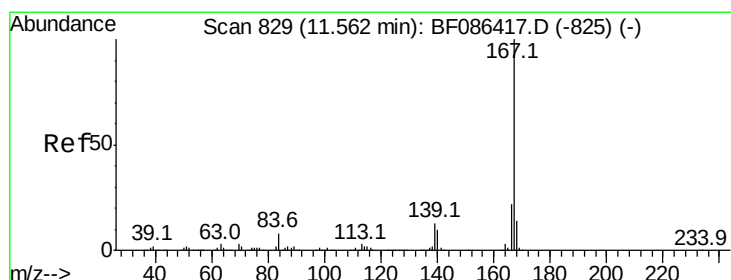
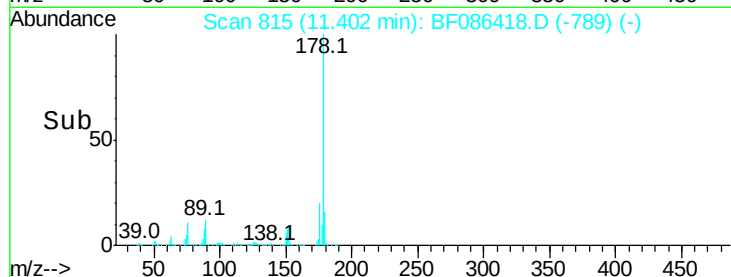
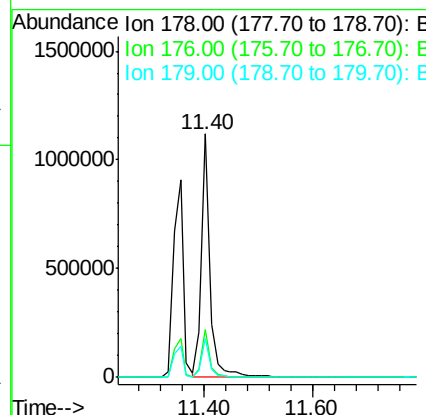
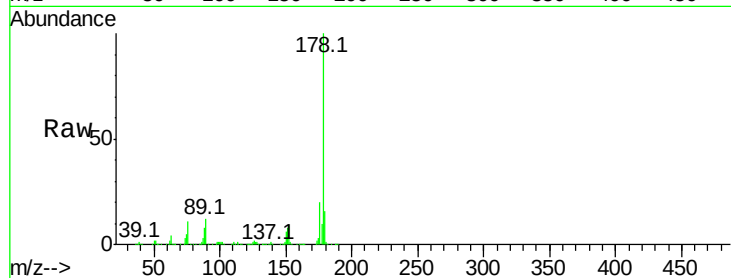
#71
 Anthracene
 Concen: 46.97 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF086418.D
 Acq: 27 Apr 2016 12:22

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC050

Tot Ion:178 Resp: 1205118
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.6 23.4
 179 16.1 12.7 19.1

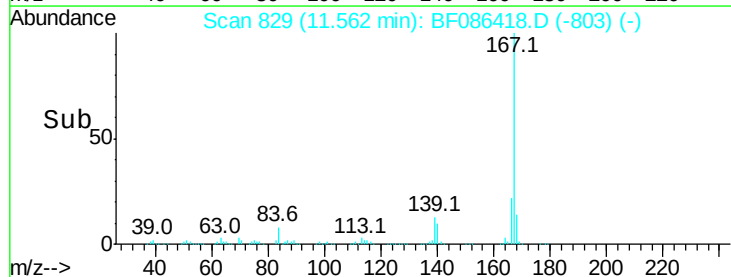
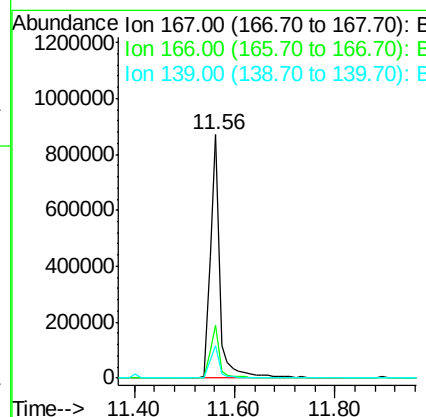
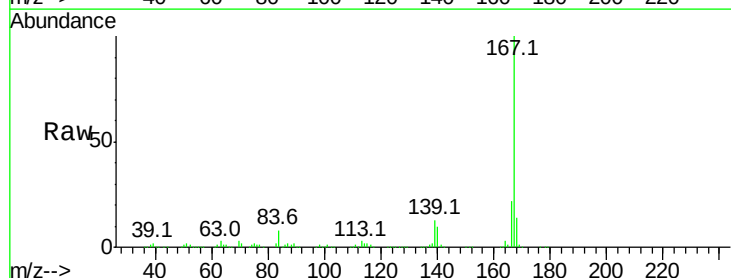
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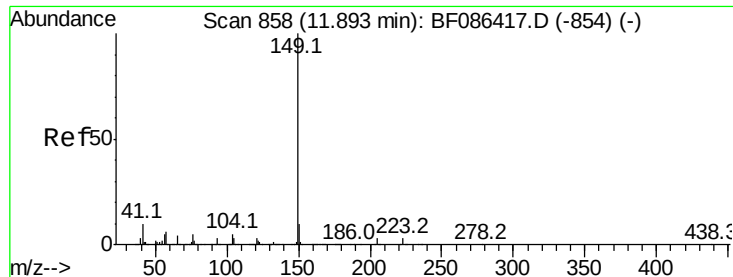
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#72
 Carbazole
 Concen: 47.32 ng
 RT: 11.56 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF086418.D
 Acq: 27 Apr 2016 12:22

Tgt Ion:167 Resp: 1140307
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 13.2 10.8 16.2





#73

Di-n-butylphthalate

Concen: 51.08 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1295023

Ion Ratio Lower Upper

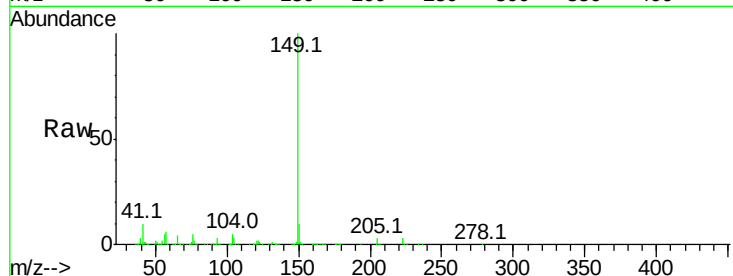
149 100

150 9.6 7.6 11.4

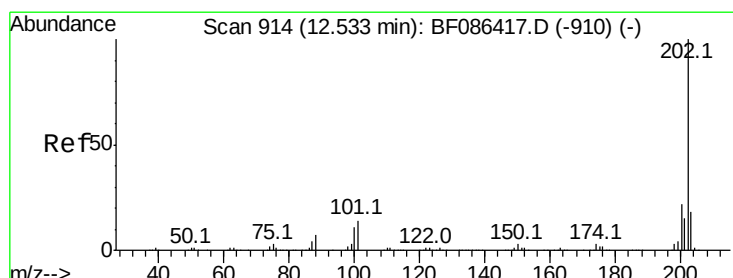
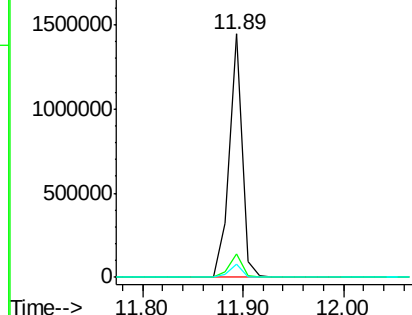
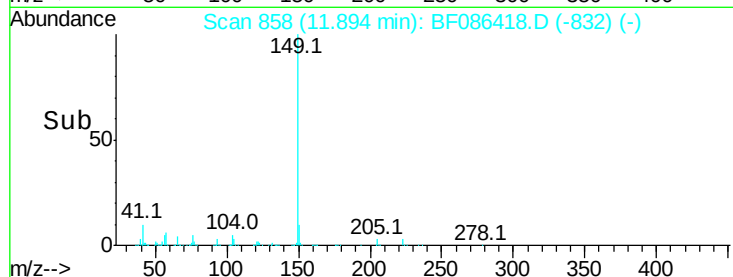
104 5.4 3.8 5.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.85 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

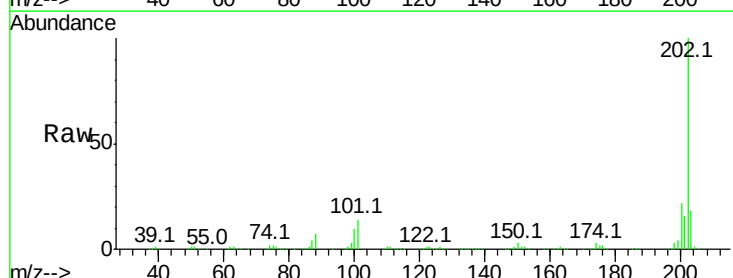
Tgt Ion:202 Resp: 1179795

Ion Ratio Lower Upper

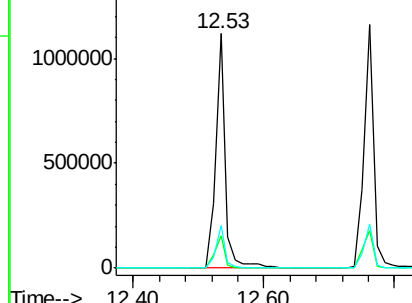
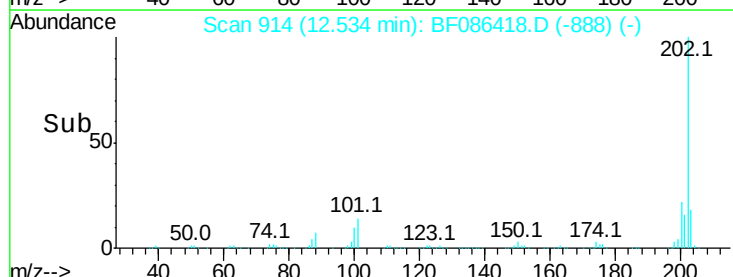
202 100

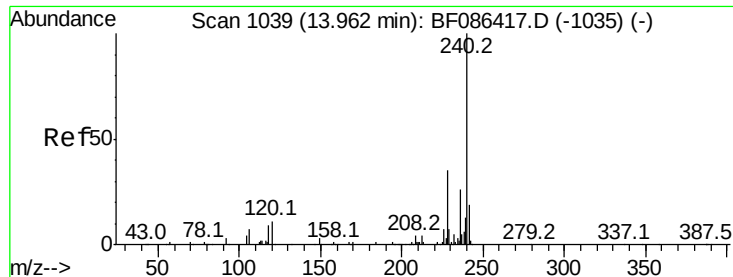
101 13.7 0.0 35.4

203 18.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

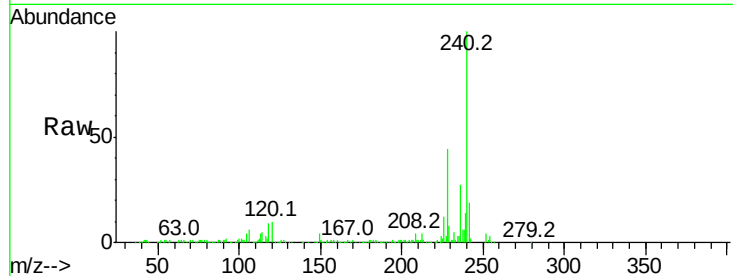
ClientSampleId :

SSTDIC050

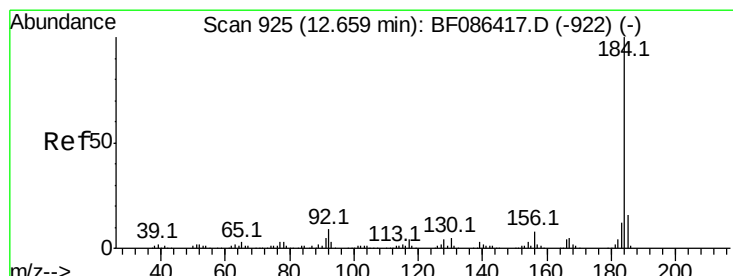
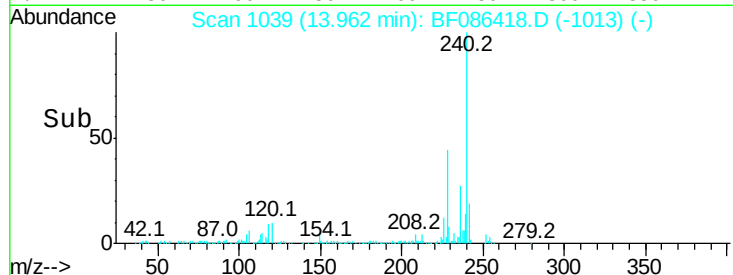
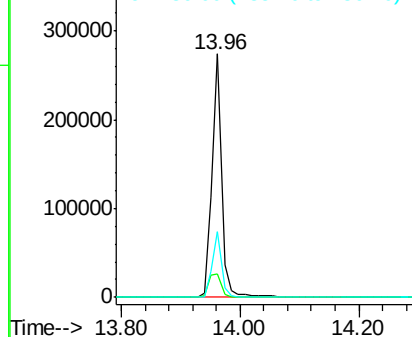
Tot Ion:	240	Resp:	312426
Ion Ratio	Lower	Upper	
240	100		
120	9.6	11.2	16.8#
236	26.7	21.2	31.8

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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: 43.92 ng

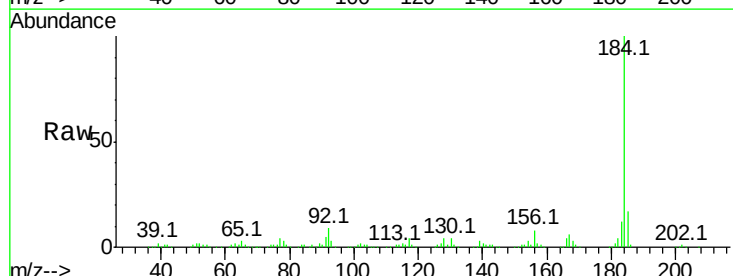
RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

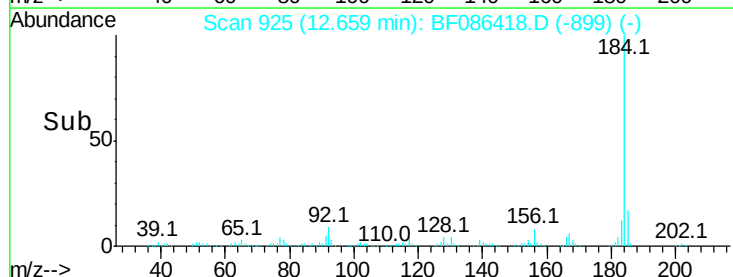
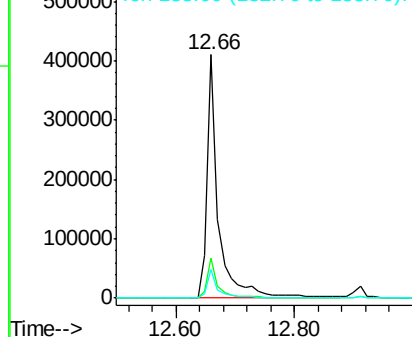
Lab File: BF086418.D

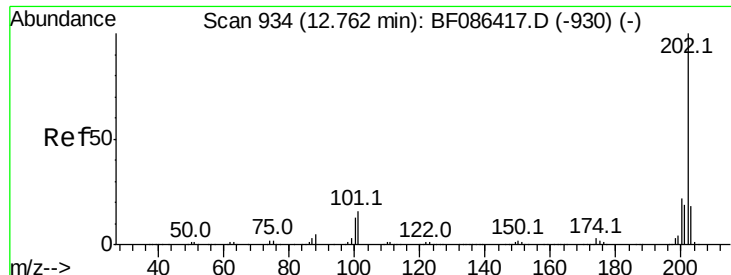
Acq: 27 Apr 2016 12:22

Tgt Ion:	184	Resp:	562715
Ion Ratio	Lower	Upper	
184	100		
185	16.7	13.6	20.4
183	11.5	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: 53.92 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:202 Resp: 1174941

Ion Ratio Lower Upper

202 100

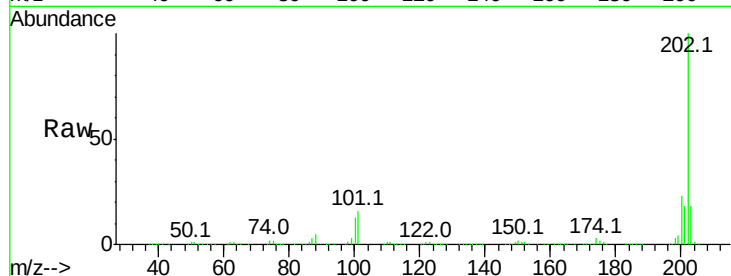
200 22.7 17.7 26.5

203 18.1 14.2 21.4

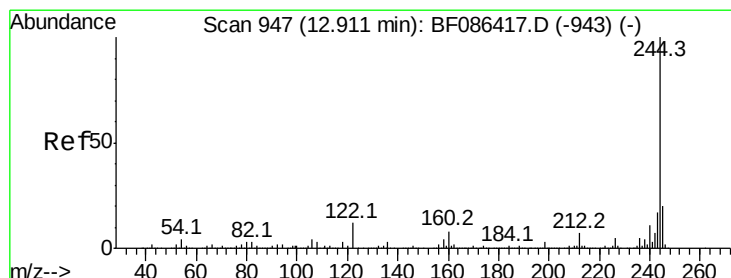
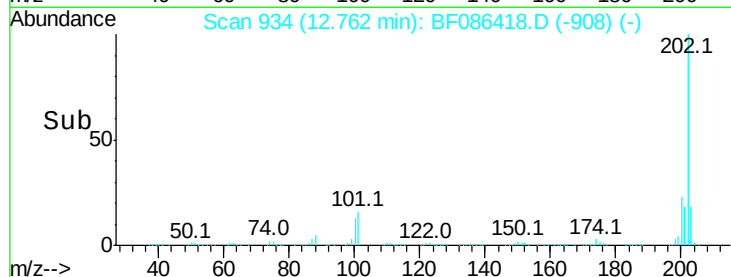
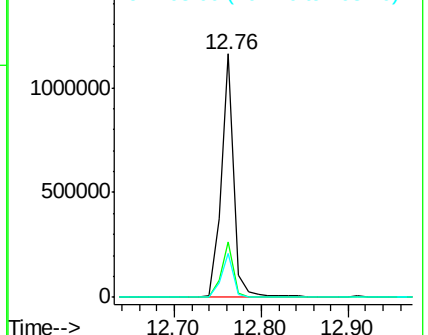
Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 111.89 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

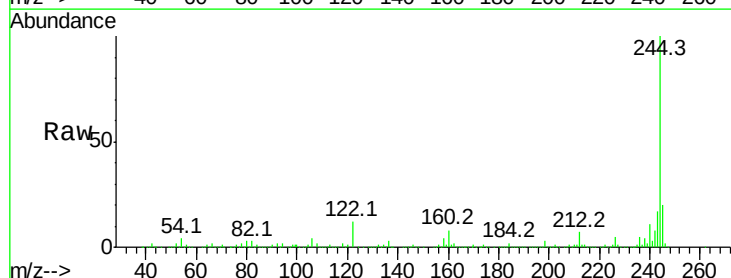
Tgt Ion:244 Resp: 1407015

Ion Ratio Lower Upper

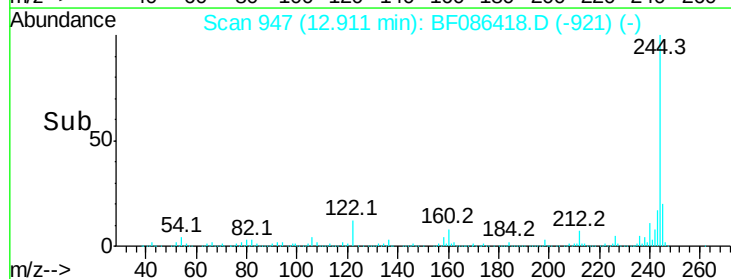
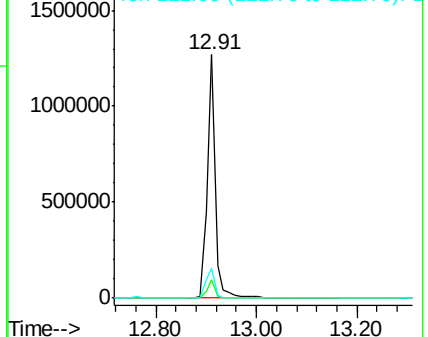
244 100

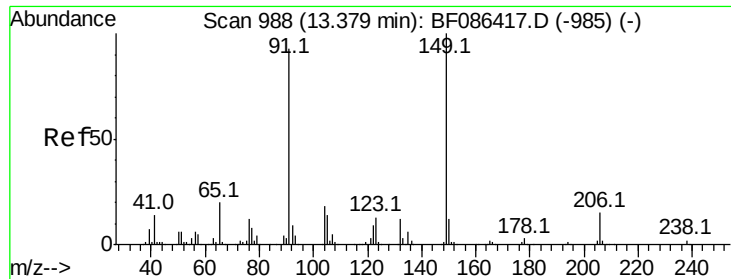
212 7.5 6.2 9.2

122 12.1 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





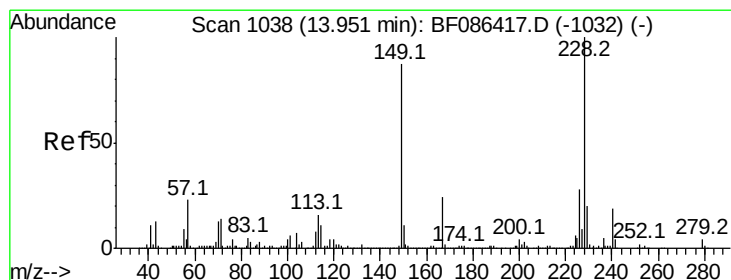
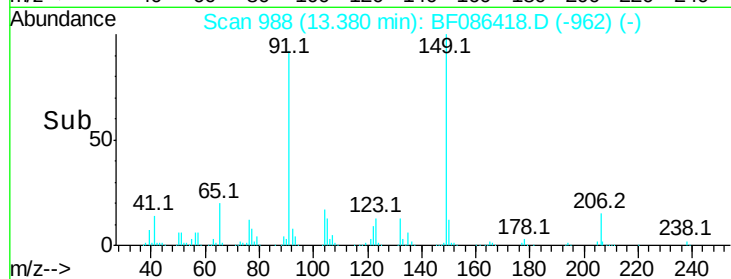
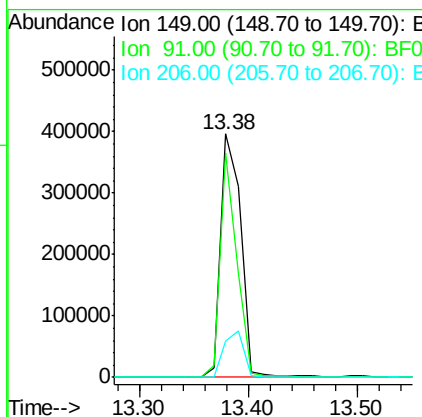
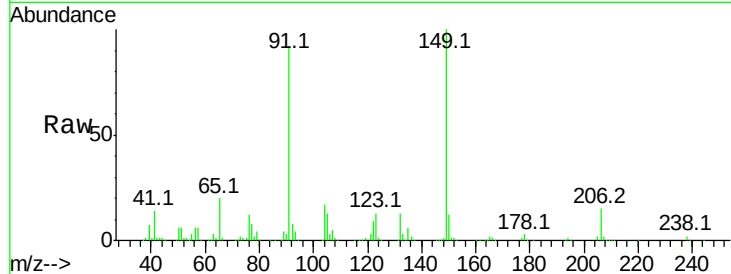
#79
Butylbenzylphthalate
Concen: 50.66 ng
RT: 13.38 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
149	100	514219		
91	92.4	48.0	72.0#	
206	15.1	15.8	23.6#	

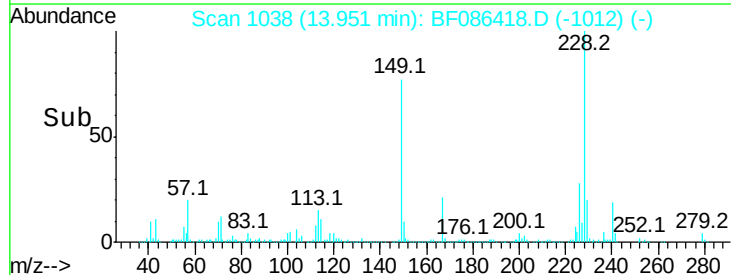
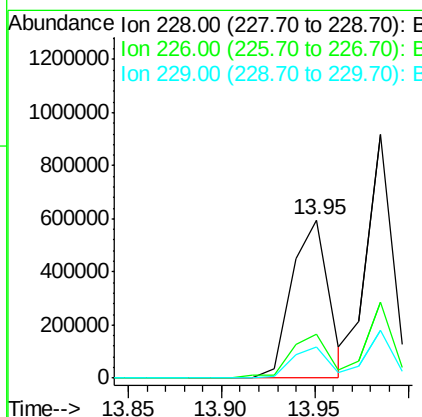
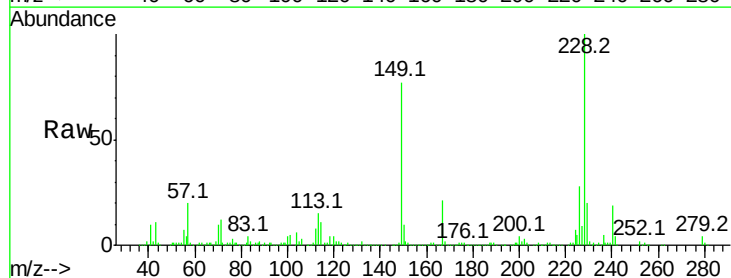
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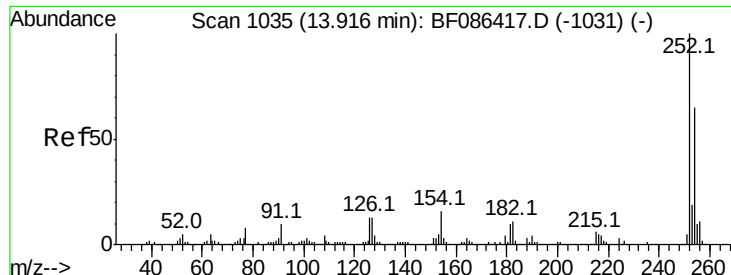
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#80
Benzo(a)anthracene
Concen: 50.90 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	825552		
226	27.8	22.5	33.7	
229	19.7	16.6	25.0	





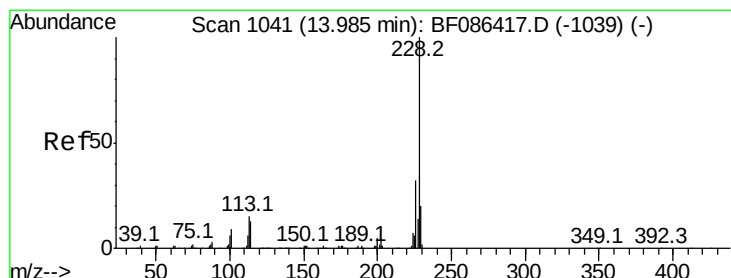
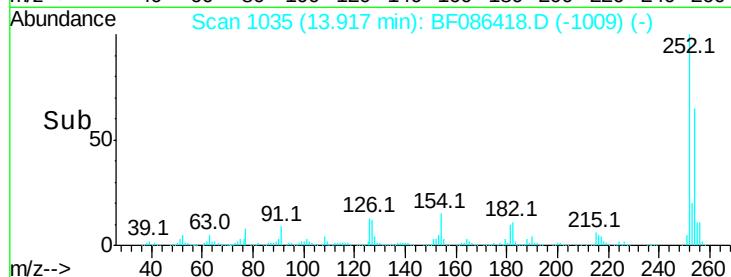
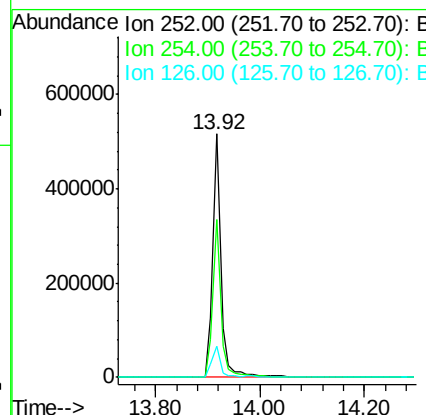
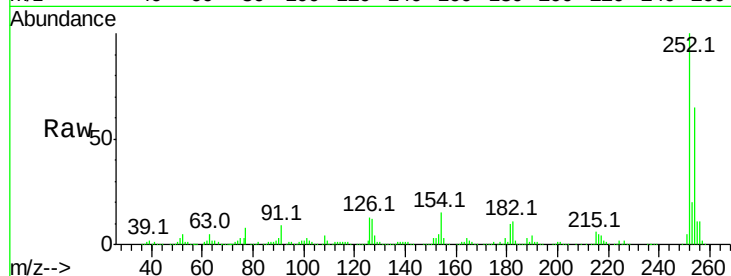
#81
 3,3'-Dichlorobenzidine
 Concen: 51.47 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF086418.D
 Acq: 27 Apr 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
252	100	575765		
254	64.7		50.7	76.1
126	13.0		12.7	19.1

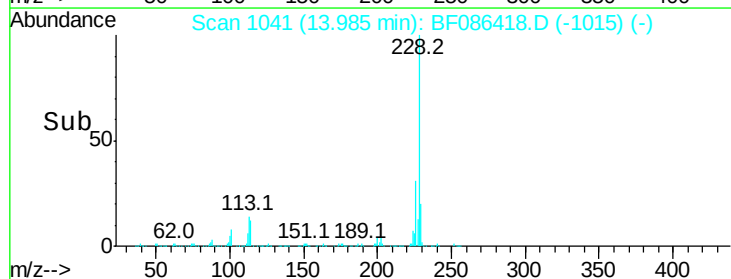
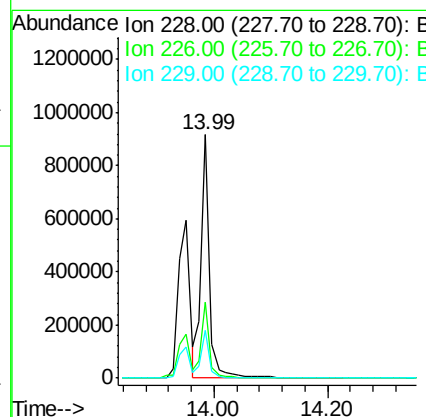
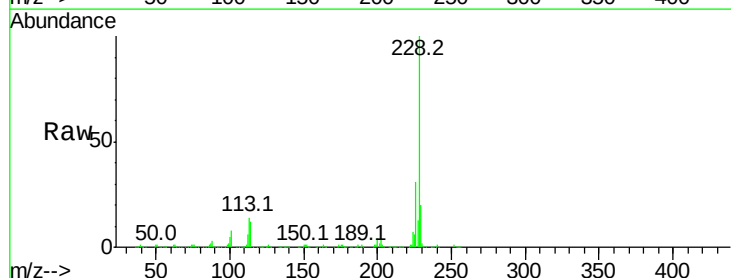
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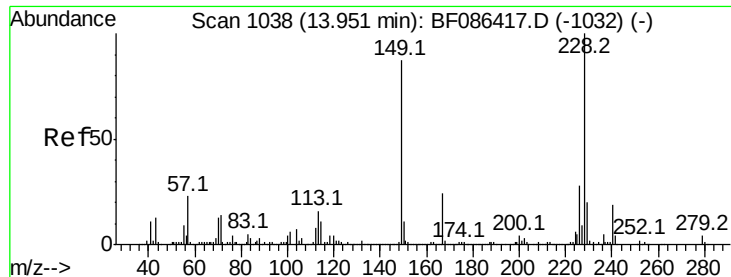
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#82
 Chrysene
 Concen: 51.43 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF086418.D
 Acq: 27 Apr 2016 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	939732		
226	31.0		24.4	36.6
229	19.9		15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.02 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 636767

Ion Ratio Lower Upper

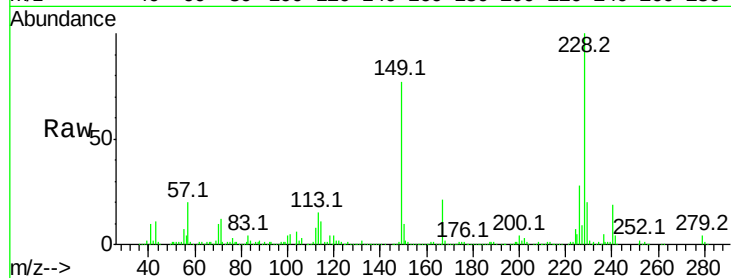
149 100

167 27.4 21.8 32.6

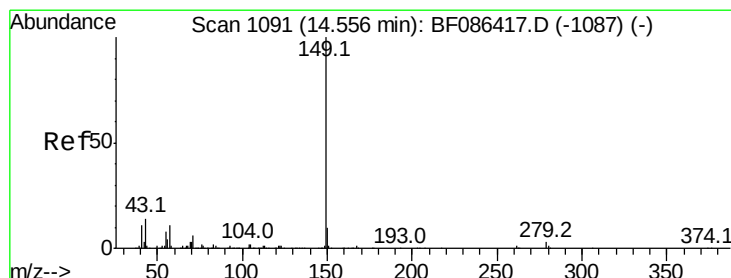
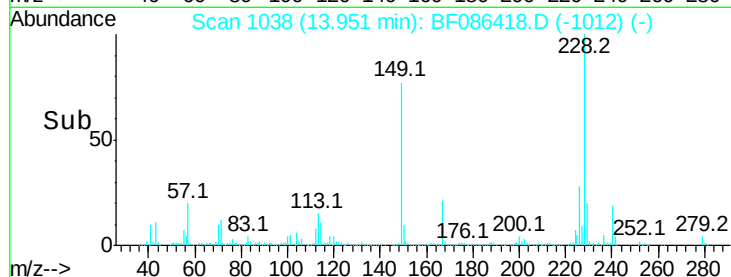
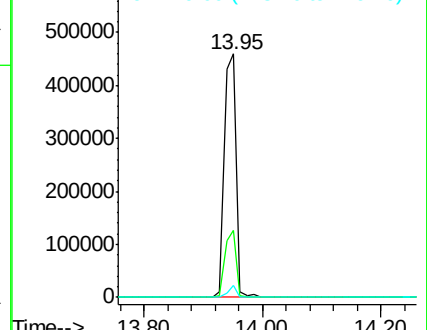
279 4.7 2.6 4.0#

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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: 48.55 ng

RT: 14.56 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

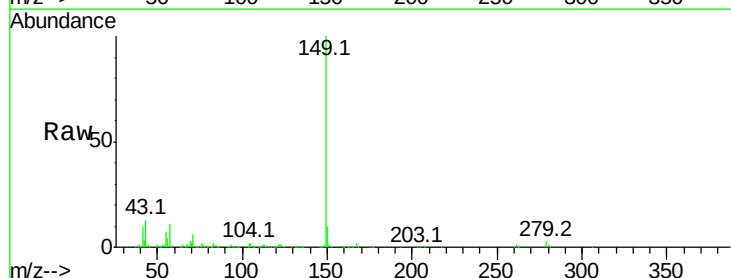
Tgt Ion:149 Resp: 1059371

Ion Ratio Lower Upper

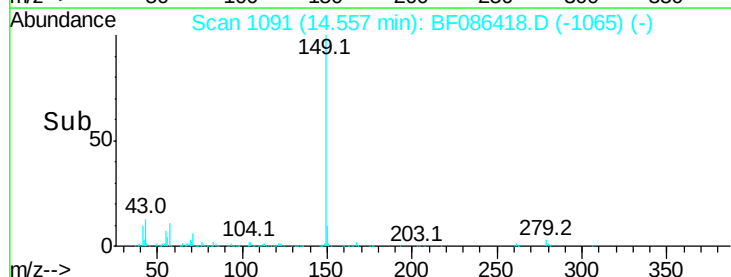
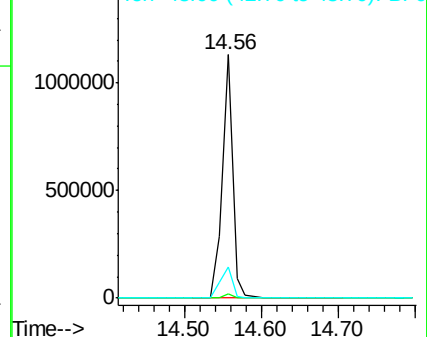
149 100

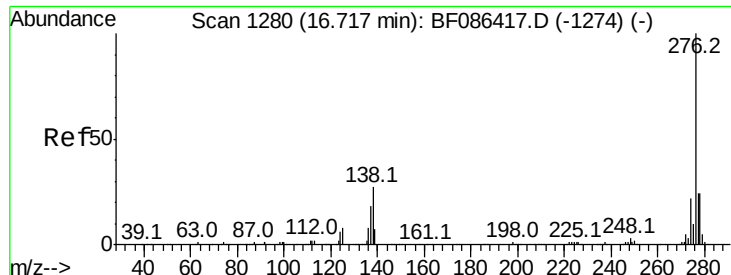
167 1.5 1.2 1.8

43 15.1 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





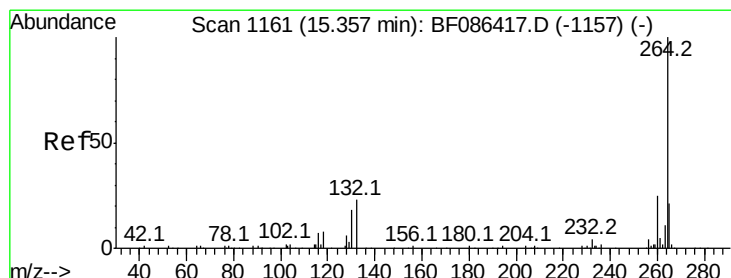
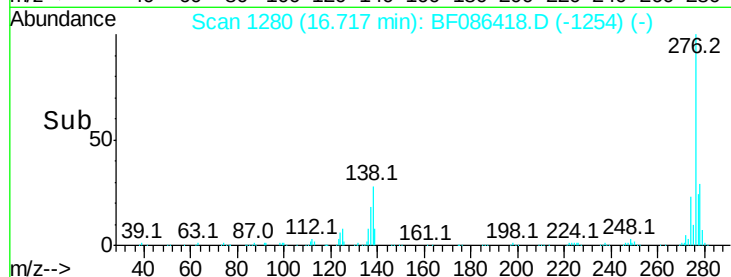
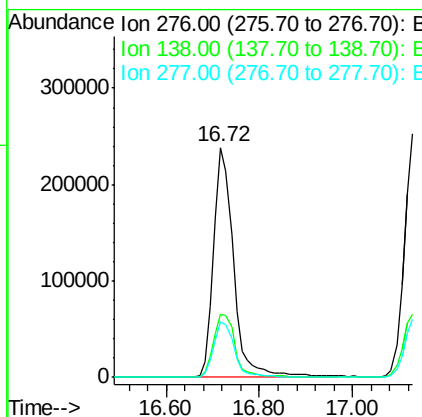
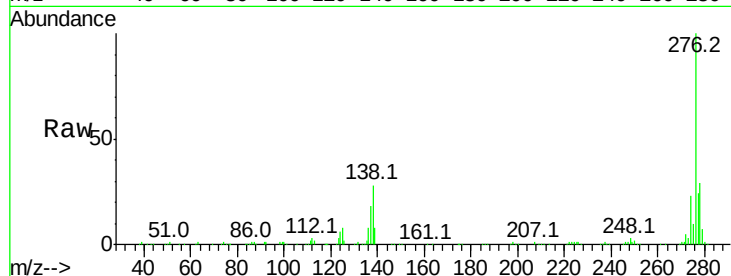
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.16 ng
RT: 16.72 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.6	38.4
277	25.2	20.5	30.7

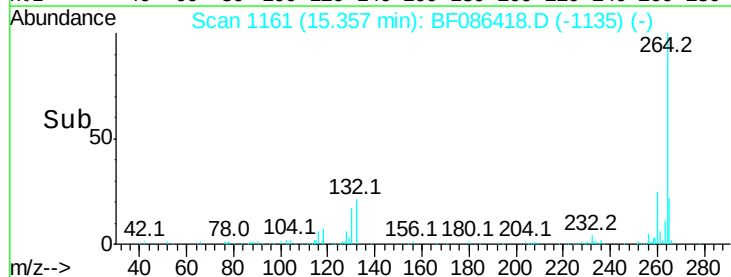
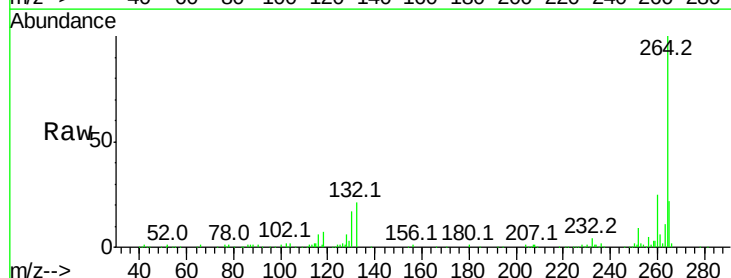
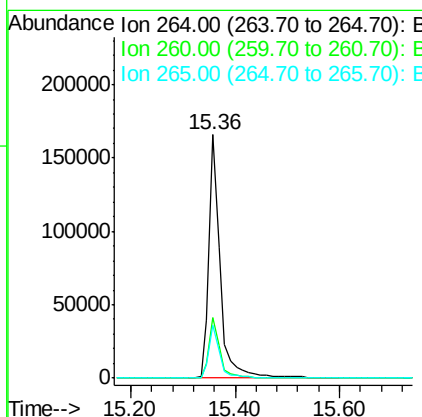
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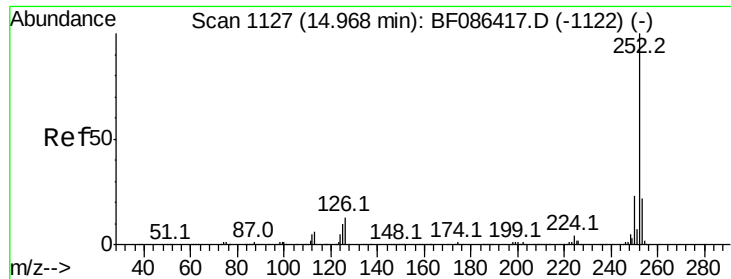
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	21.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 58.42 ng m

RT: 14.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Instrument :

BNA_F

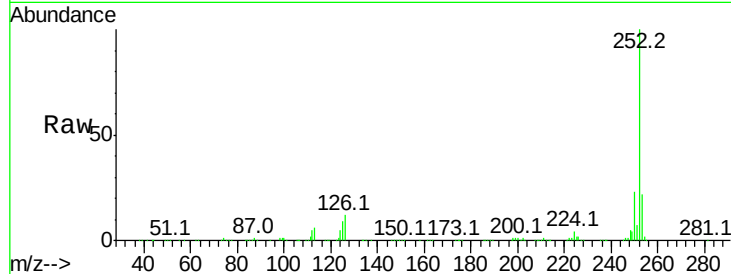
ClientSampleId :

SSTDIC050

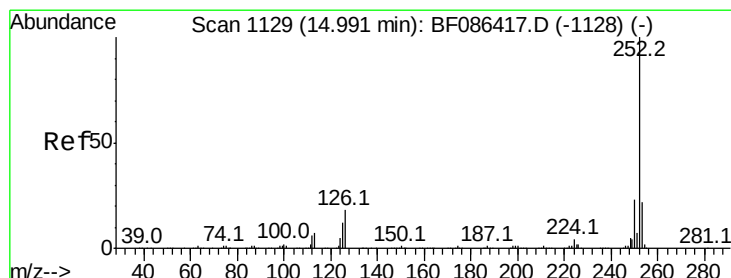
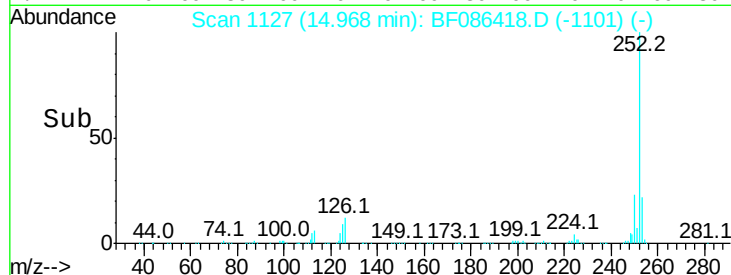
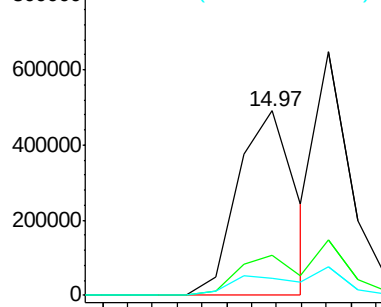
Tot Ion:	252	Resp:	796112
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	9.4	11.4	17.0

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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



#88

Benzo(k)fluoranthene

Concen: 51.73 ng m

RT: 14.99 min Scan# 1129

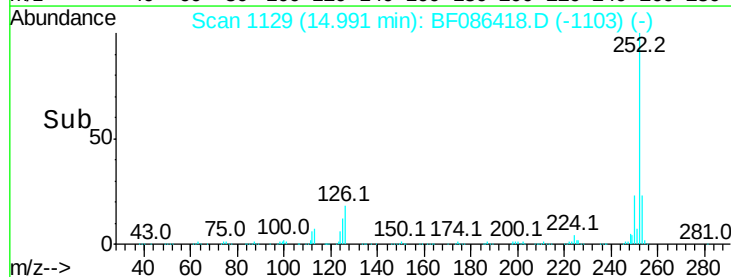
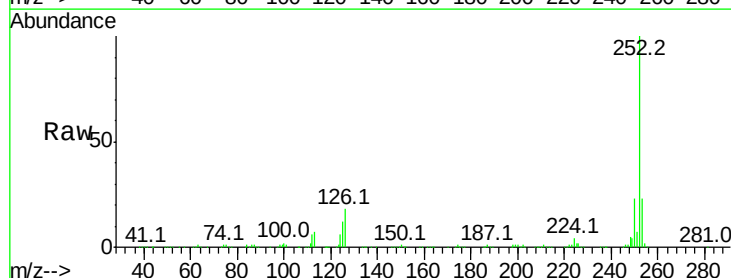
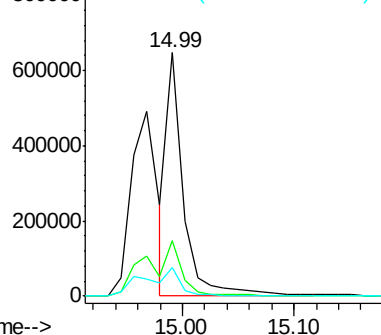
Delta R.T. 0.00 min

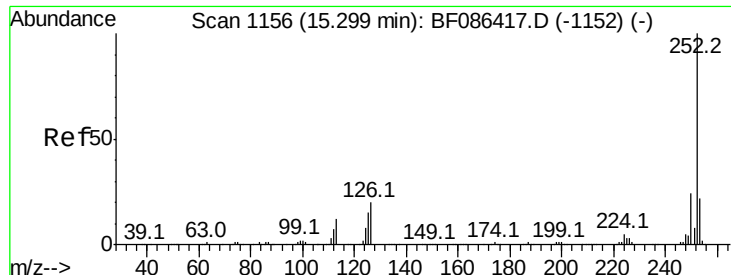
Lab File: BF086418.D

Acq: 27 Apr 2016 12:22

Tgt Ion:	252	Resp:	691885
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.6
125	12.0	9.1	13.7

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





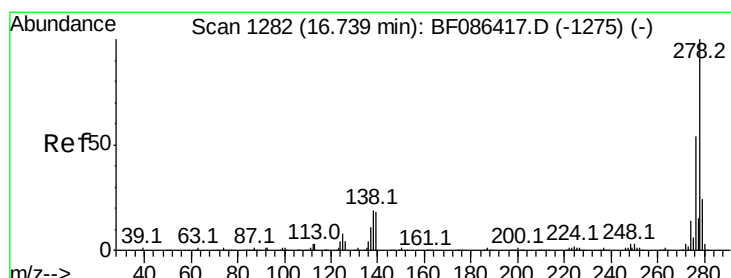
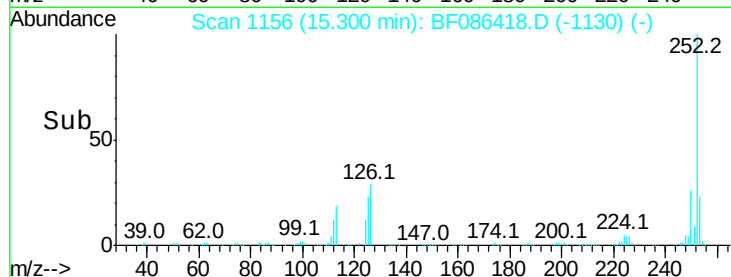
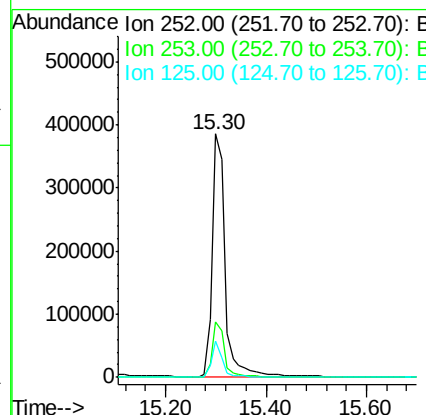
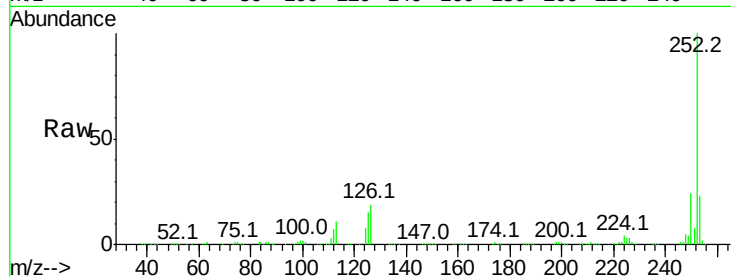
#89
Benzo(a)pyrene
Concen: 50.85 ng
RT: 15.30 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	15.1	9.0	13.6

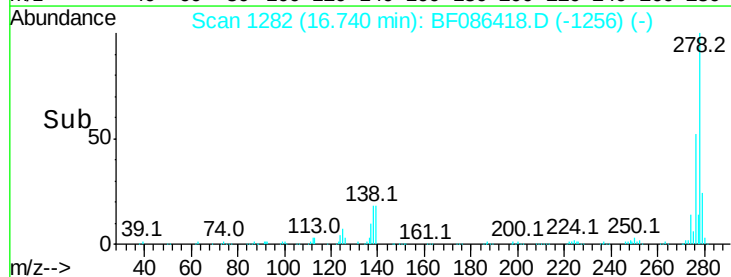
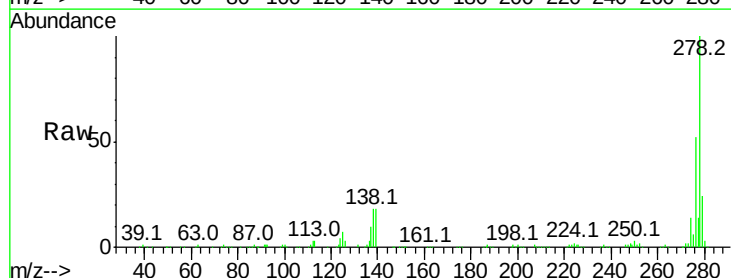
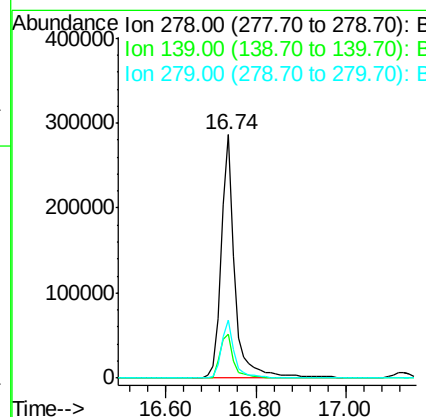
Manual Integrations
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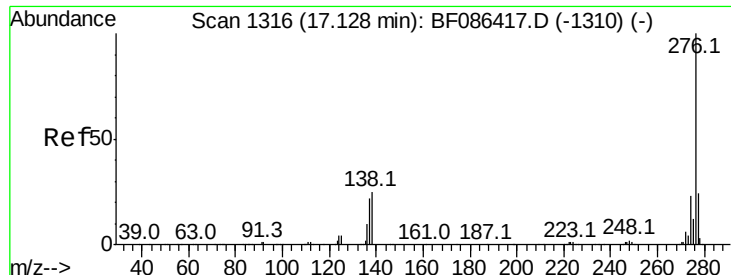
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#90
Dibenzo(a,h)anthracene
Concen: 54.24 ng
RT: 16.74 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF086418.D
Acq: 27 Apr 2016 12:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	16.6	24.8
279	23.6	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 52.12 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF086418.D
 Acq: 27 Apr 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.6	29.4
138	25.7	23.6	35.4

Manual Integrations
 APPROVED

sohil
 4/28/2016 1:39:55 PM

