

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086412.D
 Acq On : 24 Apr 2016 1:40
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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 4/25/2016 12:36:19 PM

Quant Time: Apr 25 07:26:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	171524	20.00	ng	0.01
21) Naphthalene-d8	8.13	136	662103	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	253872	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	453855	20.00	ng	0.00
75) Chrysene-d12	14.00	240	321369	20.00	ng	0.00
86) Perylene-d12	15.43	264	251046	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	779872	78.52	ng	0.01
7) Phenol-d6	6.49	99	1051562	77.88	ng	0.01
23) Nitrobenzene-d5	7.41	82	865651	77.45	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	172071	74.87	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1260946	84.76	ng	0.00
78) Terphenyl-d14	12.95	244	1167144	90.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	207761	37.83	ng	98
3) Pyridine	3.14	79	540072	41.27	ng	94
4) n-Nitrosodimethylamine	3.08	42	194937	39.26	ng	95
6) Aniline	6.51	93	680844	41.32	ng	# 88
8) 2-Chlorophenol	6.64	128	466543	38.47	ng	90
9) Benzaldehyde	6.40	77	301593	36.77	ng	86
10) Phenol	6.50	94	613013	38.45	ng	84
11) bis(2-Chloroethyl)ether	6.59	93	502686	36.21	ng	90
12) 1,3-Dichlorobenzene	6.78	146	506645m	39.18	ng	
13) 1,4-Dichlorobenzene	6.86	146	537736	37.85	ng	98
14) 1,2-Dichlorobenzene	7.02	146	458725m	35.54	ng	
15) Benzyl Alcohol	6.99	79	302290	37.72	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	640498	35.20	ng	99
17) 2-Methylphenol	7.10	107	359907	36.22	ng	96
18) Hexachloroethane	7.36	117	110701	23.14	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	288592	35.76	ng	89
20) 3+4-Methylphenols	7.26	107	420836	39.95	ng	93
22) Acetophenone	7.26	105	576821	41.53	ng	# 90
24) Nitrobenzene	7.44	77	500549	41.75	ng	# 86
25) Isophorone	7.68	82	842152	38.45	ng	# 91
26) 2-Nitrophenol	7.74	139	148911	25.14	ng	# 88
27) 2,4-Dimethylphenol	7.79	122	403402	39.77	ng	95
28) bis(2-Chloroethoxy)methane	7.88	93	487879	39.89	ng	99
29) 2,4-Dichlorophenol	8.00	162	325775	38.85	ng	93
30) 1,2,4-Trichlorobenzene	8.08	180	369245	40.54	ng	98
31) Naphthalene	8.16	128	1213954	35.99	ng	99
32) Benzoic acid	7.88	122	136649	21.07	ng	96
33) 4-Chloroaniline	8.20	127	497386	37.86	ng	95
34) Hexachlorobutadiene	8.27	225	183174	40.28	ng	97
35) Caprolactam	8.57	113	97323	32.35	ng	100
36) 4-Chloro-3-methylphenol	8.68	107	329723	33.09	ng	91
37) 2-Methylnaphthalene	8.84	142	683459	35.13	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	313693	47.76	ng	97
42) 2,4,6-Trichlorophenol	9.13	196	194650	45.20	ng	98

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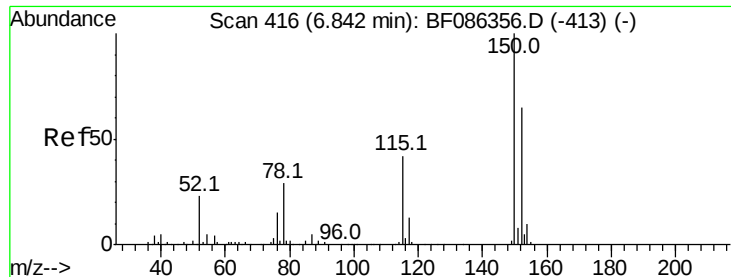
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.16	196	196209	37.00	nq	# 91
45) 1,1'-Biphenyl	9.31	154	884832	44.93	nq	99
46) 2-Chloronaphthalene	9.33	162	671832	43.09	nq	98
47) 2-Nitroaniline	9.42	65	208187	42.89	nq	88
48) Acenaphthylene	9.74	152	998506	39.50	nq	100
49) Dimethylphthalate	9.61	163	799793	43.61	nq	100
50) 2,6-Dinitrotoluene	9.66	165	122615	30.95	nq	# 86
51) Acenaphthene	9.92	154	580444	37.38	nq	99
52) 3-Nitroaniline	9.84	138	223218	45.01	nq	91
54) Dibenzofuran	10.09	168	789176	39.57	nq	98
55) 4-Nitrophenol	10.01	139	87097	25.10	nq	97
56) 2,4-Dinitrotoluene	10.08	165	148119	28.16	nq	# 71
57) Fluorene	10.43	166	626969	38.37	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	139368	35.96	nq	96
59) Diethylphthalate	10.30	149	717602	40.86	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	287001	40.16	nq	# 79
61) 4-Nitroaniline	10.45	138	234166	46.13	nq	98
62) Azobenzene	10.58	77	664720	36.50	nq	98
65) n-Nitrosodiphenylamine	10.54	169	585127	41.81	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	175592	39.51	nq	94
67) Hexachlorobenzene	10.98	284	180810	38.13	nq	# 79
68) Atrazine	11.07	200	136342	31.55	nq	99
69) Pentachlorophenol	11.17	266	84589	30.38	nq	98
70) Phenanthrene	11.39	178	877413	38.48	nq	100
71) Anthracene	11.45	178	998170	38.20	nq	99
72) Carbazole	11.60	167	923516	37.63	nq	99
73) Di-n-butylphthalate	11.93	149	1060867	41.09	nq	100
74) Fluoranthene	12.58	202	974469	39.62	nq	94
76) Benzidine	12.71	184	656232	49.79	nq	97
77) Pyrene	12.81	202	963030	42.97	nq	99
79) Butylbenzylphthalate	13.43	149	489118	46.84	nq	90
80) Benzo(a)anthracene	13.99	228	648881	38.90	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	529403	46.01	nq	# 95
82) Chrysene	14.03	228	779989	41.50	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	585545	50.08	nq	# 97
84) Di-n-octyl phthalate	14.59	149	999801	44.54	nq	98
85) Indeno(1,2,3-cd)pyrene	16.81	276	562464	33.66	nq	98
87) Benzo(b)fluoranthene	15.01	252	533707m	38.73	nq	
88) Benzo(k)fluoranthene	15.05	252	624625m	46.18	nq	
89) Benzo(a)pyrene	15.36	252	538150	39.59	nq	# 95
90) Dibenzo(a,h)anthracene	16.82	278	473801	42.25	nq	99
91) Benzo(g,h,i)perylene	17.22	276	445769	38.51	nq	98

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



#1

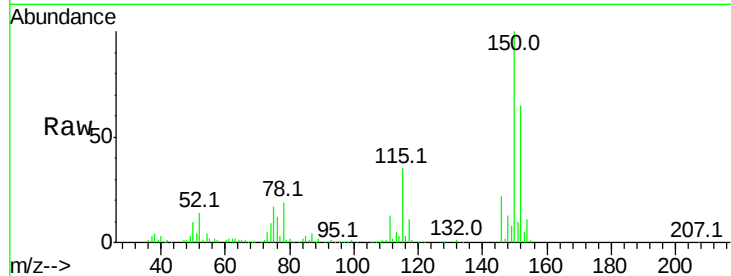
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Instrument :
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ClientSampleId :
SSTDCCC040EC

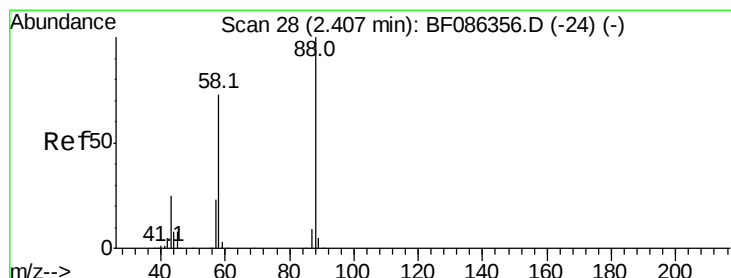
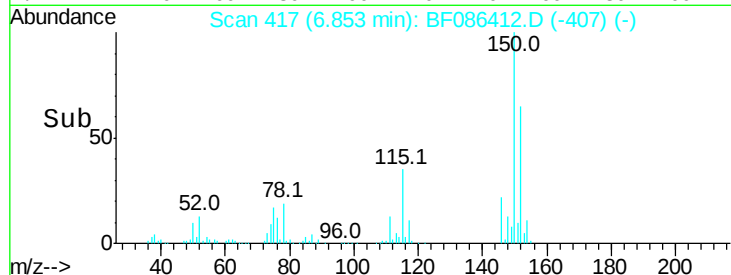
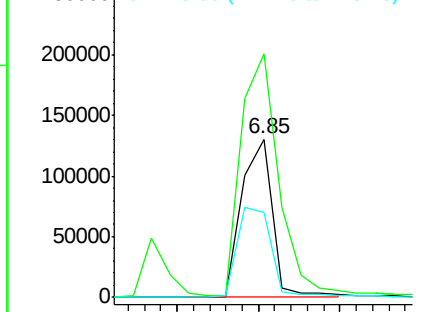
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	125.8	188.6
115	53.7	51.5	77.3

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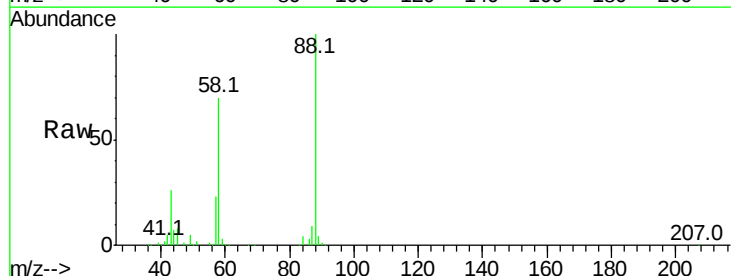
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



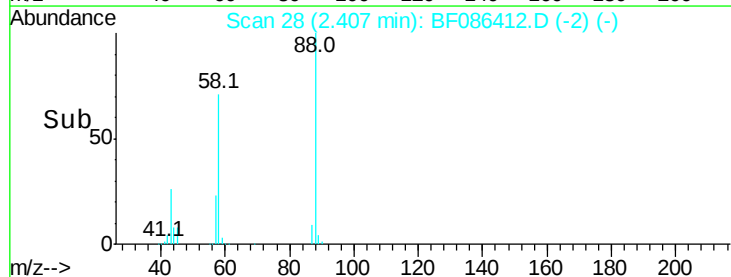
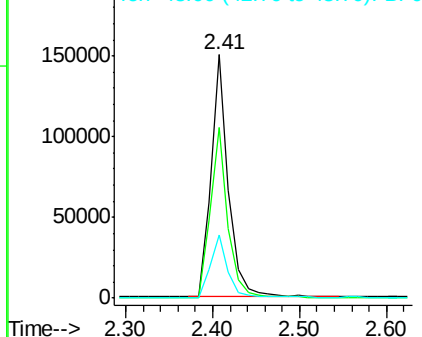
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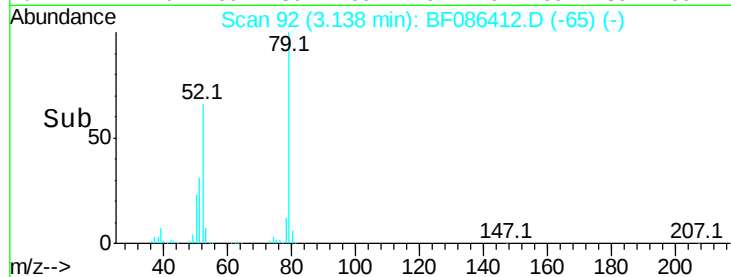
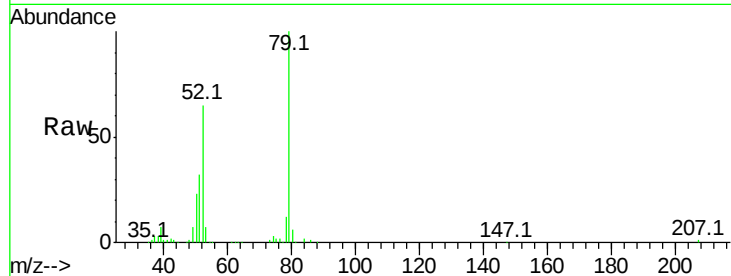
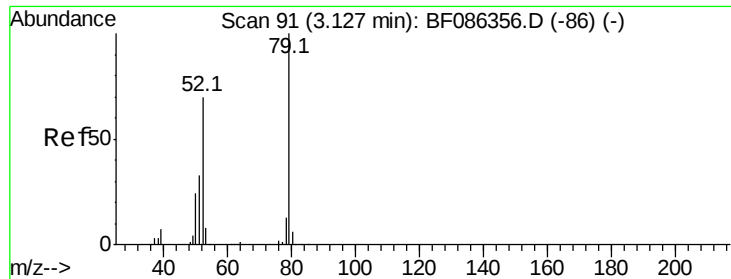
1,4-Dioxane
Concen: 37.83 ng
RT: 2.41 min Scan# 28
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	59.6	89.4
43	26.5	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





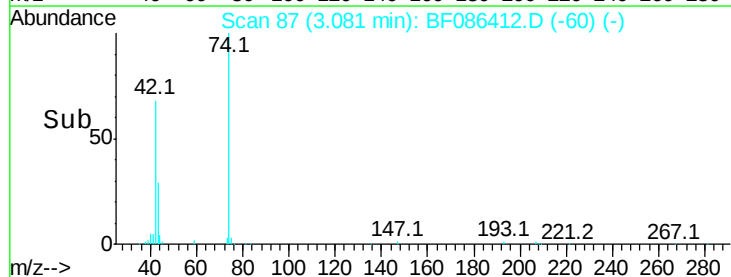
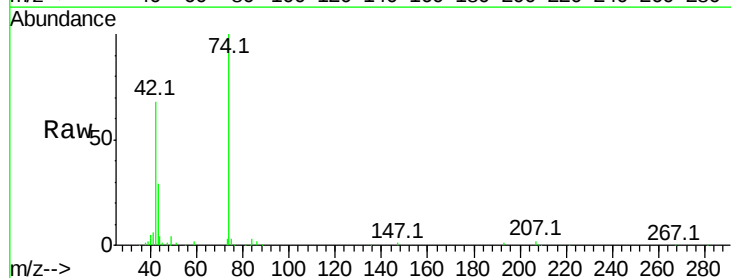
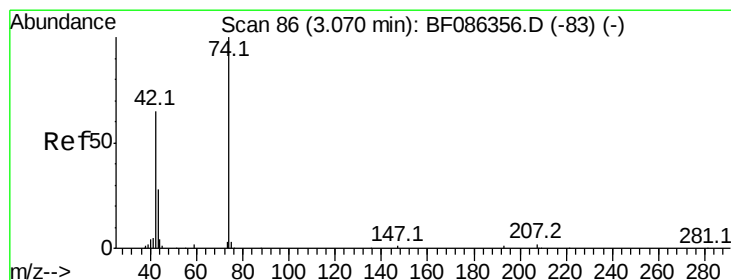
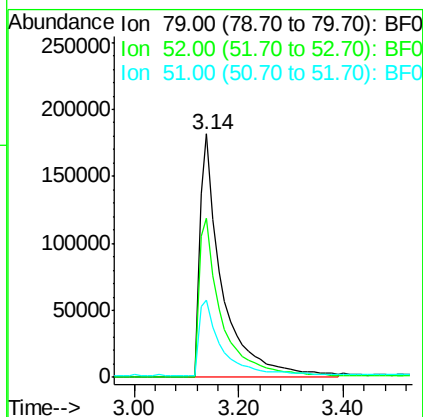
#3
Pvridine
Concen: 41.27 ng
RT: 3.14 min Scan# 92
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	540072		
52	52	65.4		55.9	83.9
51	51	31.9		28.1	42.1

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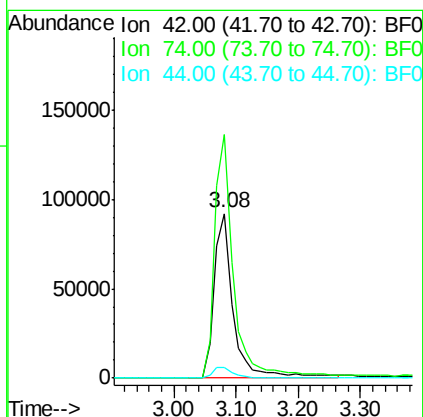
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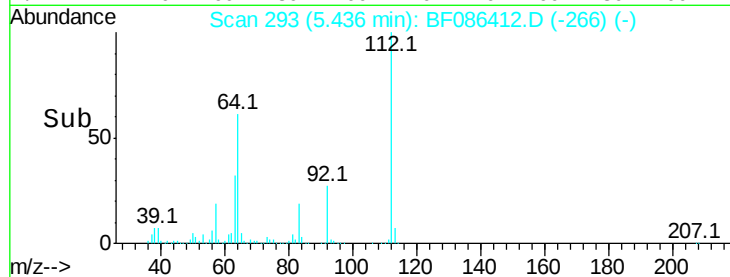
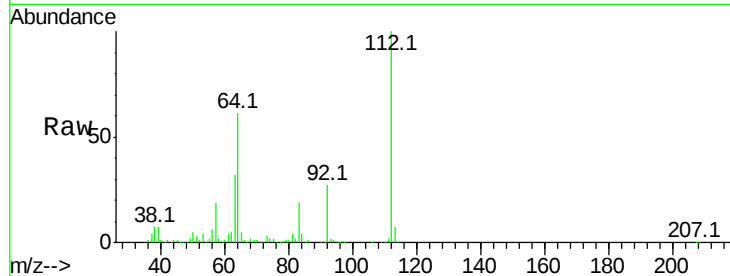
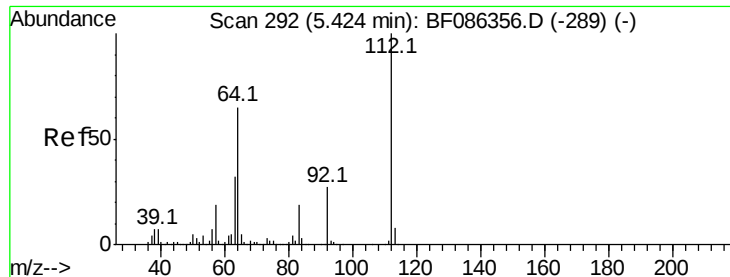
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#4
n-Nitrosodimethylamine
Concen: 39.26 ng
RT: 3.08 min Scan# 87
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	194937		
74	74	147.7		123.4	185.0
44	44	6.6		5.8	8.6





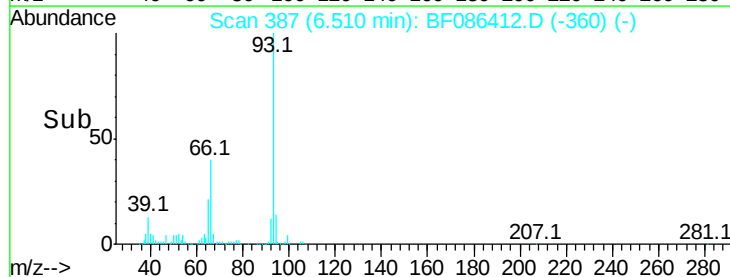
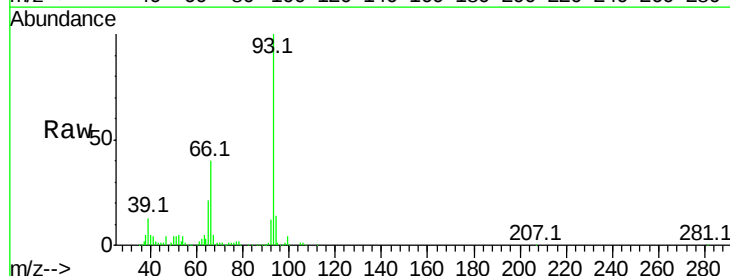
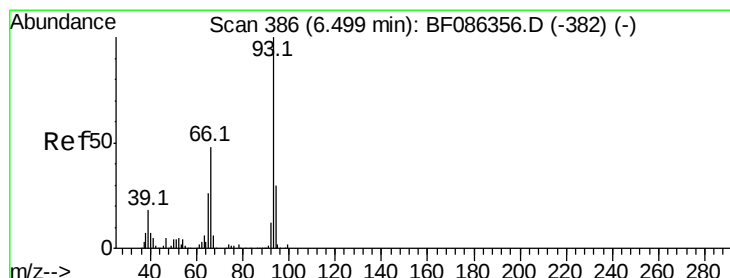
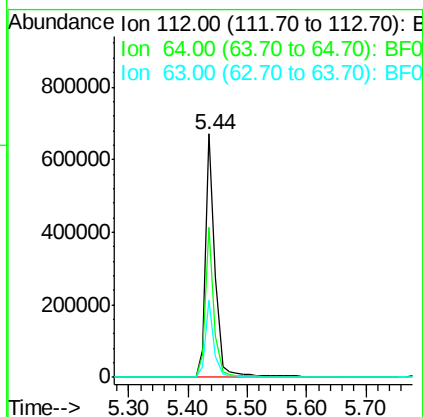
#5
2-Fluorophenol
Concen: 78.52 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tot Ion	Ratio	Resp	Lower	Upper
112	100	779872		
64	61.4	52.1	78.1	
63	31.9	25.7	38.5	

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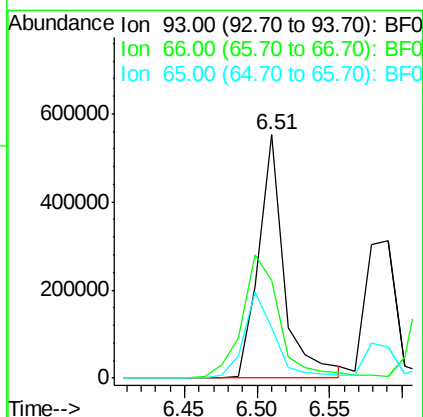
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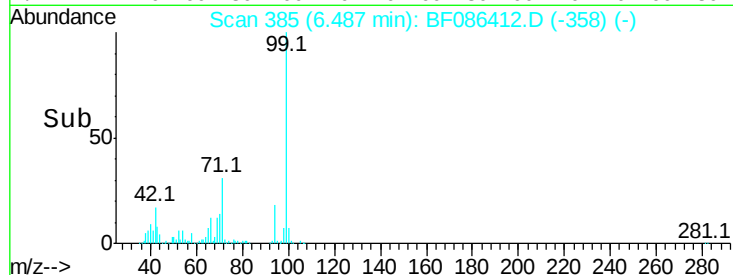
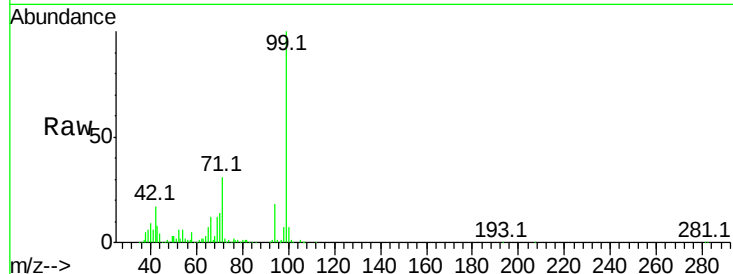
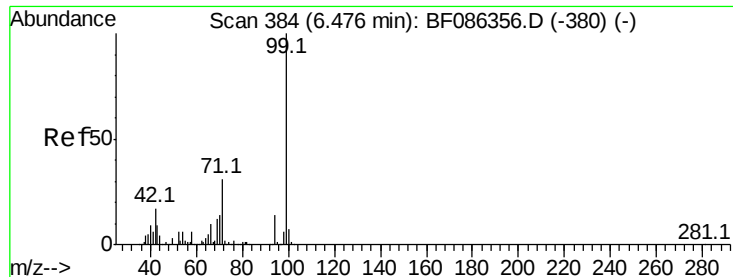
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#6
Aniline
Concen: 41.32 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	680844		
66	40.1	39.0	58.6	
65	20.5	20.6	31.0	





#7

Phenol-d6

Concen: 77.88 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF086412.D

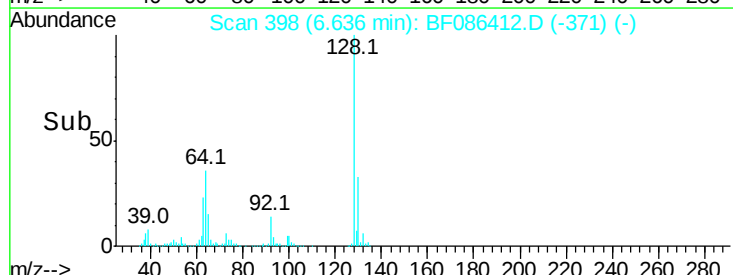
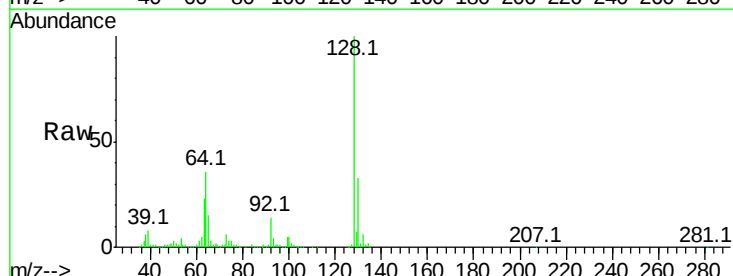
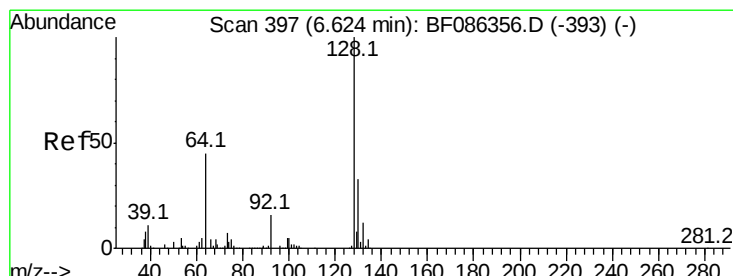
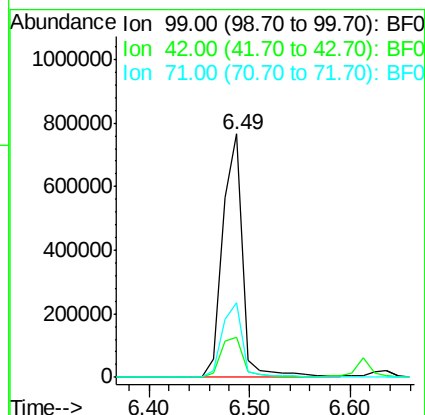
Acq: 24 Apr 2016 1:40

Tot Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.6	20.4
71	30.8	24.6	36.8

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#8

2-Chlorophenol

Concen: 38.47 ng

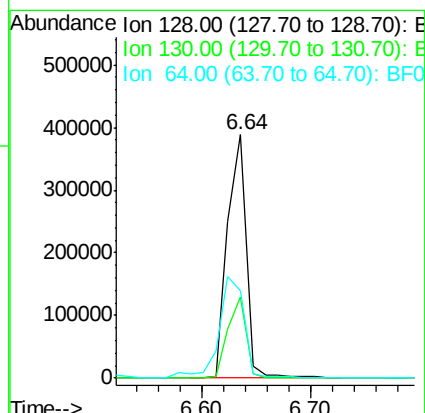
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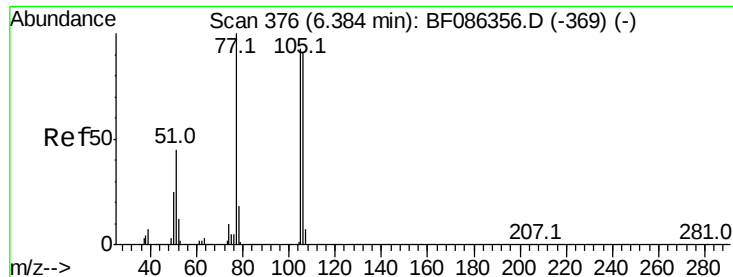
Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Tgt Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.5	52.5
64	36.1	27.3	67.3





#9

Benzaldehyde

Concen: 36.77 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

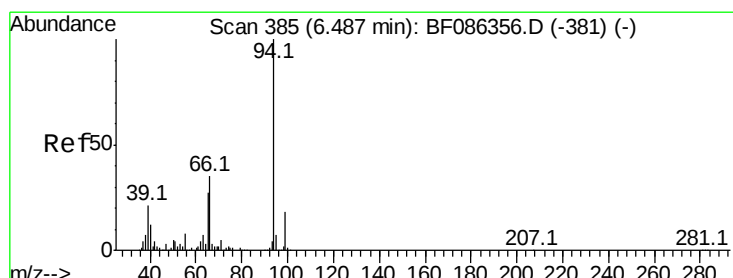
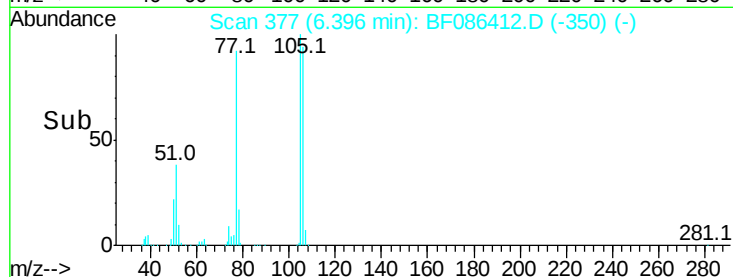
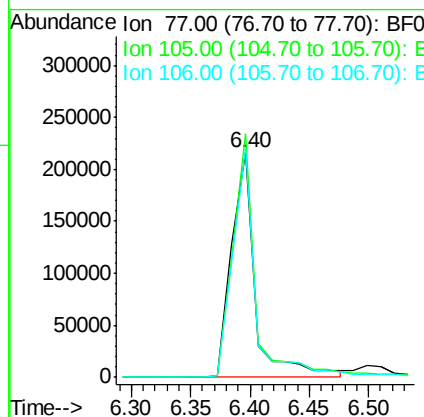
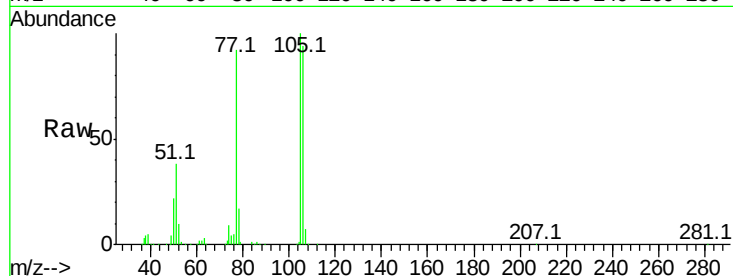
ClientSampleId :

SSTDCCC040EC

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Tot Ion	Ratio	Lower	Upper
77	100		
105	108.4	72.7	112.7
106	101.9	70.8	110.8



#10

Phenol

Concen: 38.45 ng

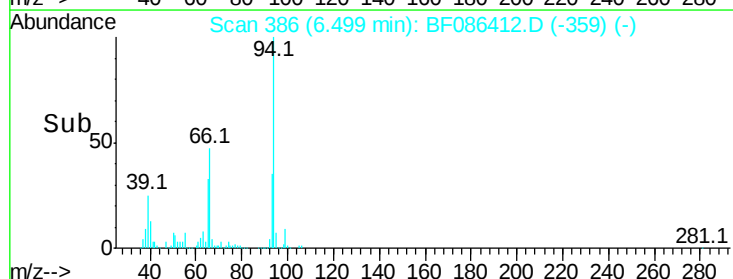
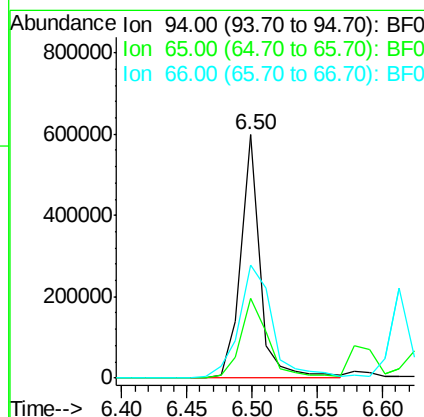
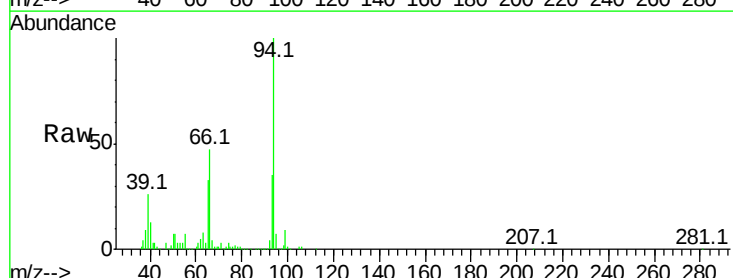
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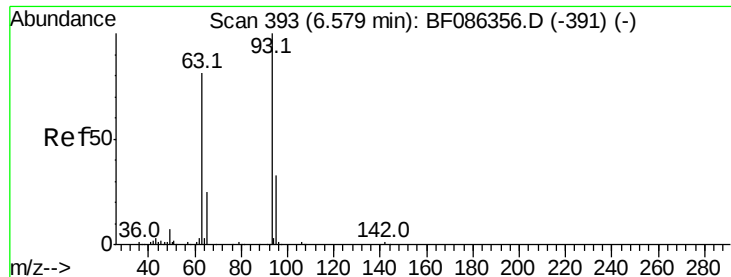
Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.6	7.2	47.2
66	46.6	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 36.21 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

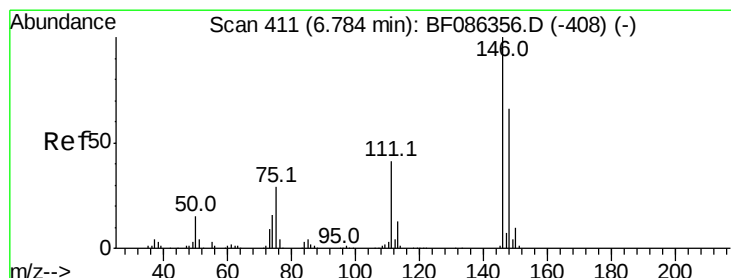
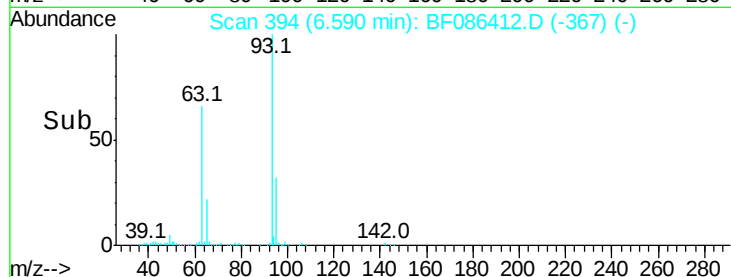
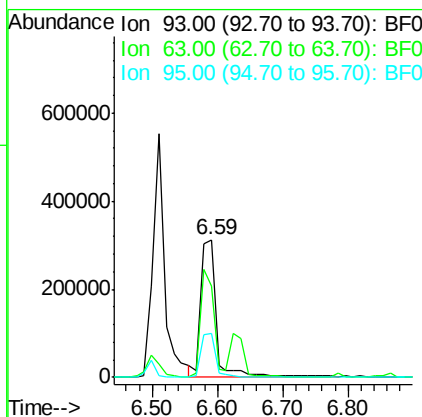
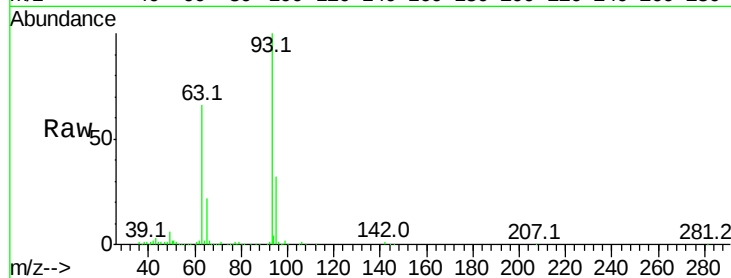
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Tot Ion	Ratio	Lower	Upper
93	100		
63	66.1	58.0	98.0
95	32.2	11.9	51.9



#12

1,3-Dichlorobenzene

Concen: 39.18 ng m

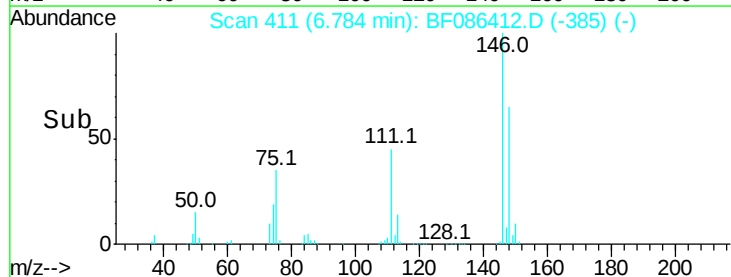
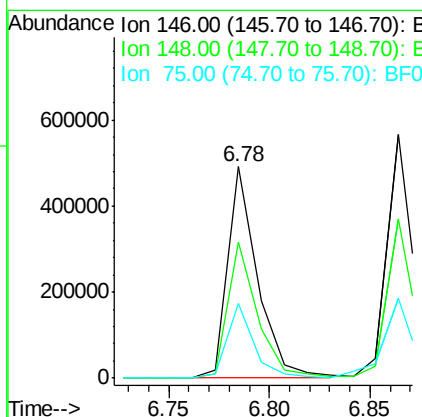
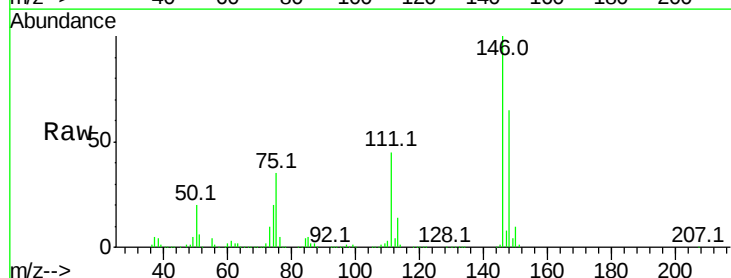
RT: 6.78 min Scan# 411

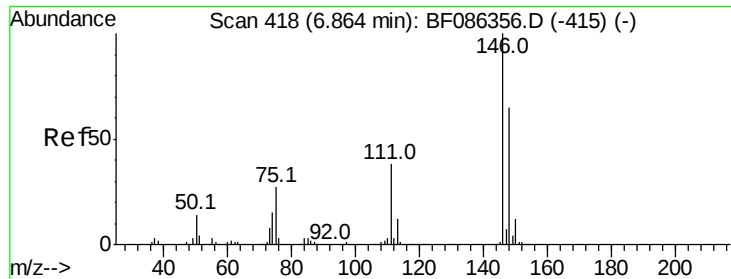
Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.4	78.6
75	35.2	22.8	34.2#





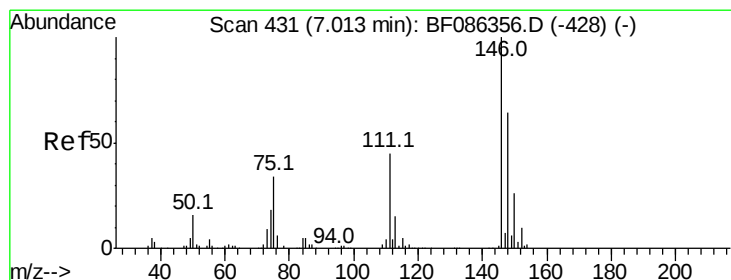
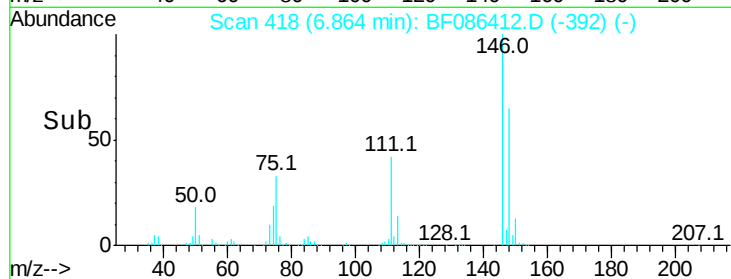
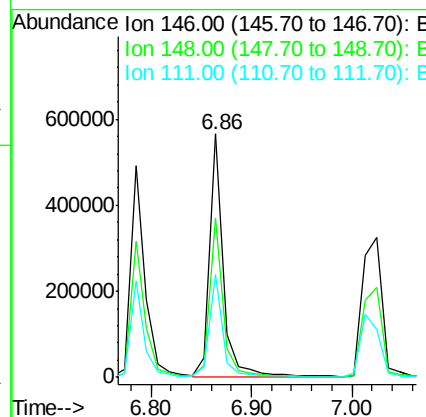
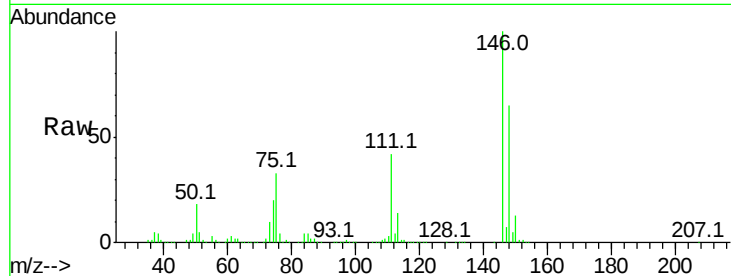
#13
 1,4-Dichlorobenzene
 Concen: 37.85 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: BF086412.D
 Acq: 24 Apr 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.2	78.4
111	42.4	30.7	46.1

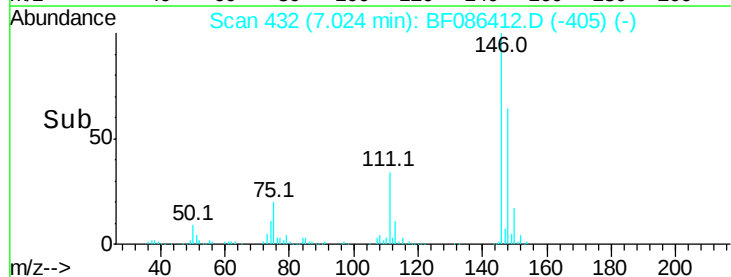
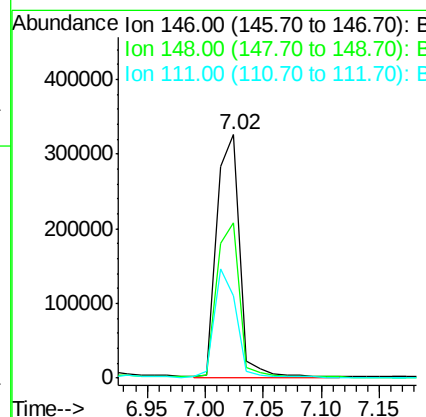
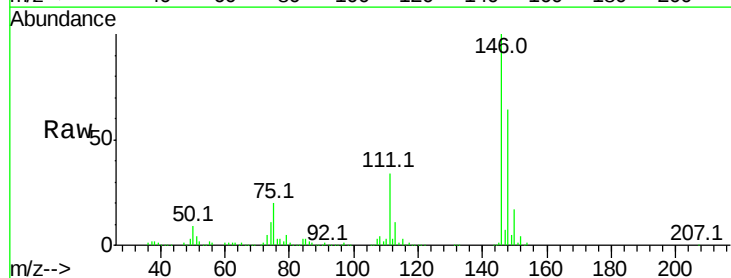
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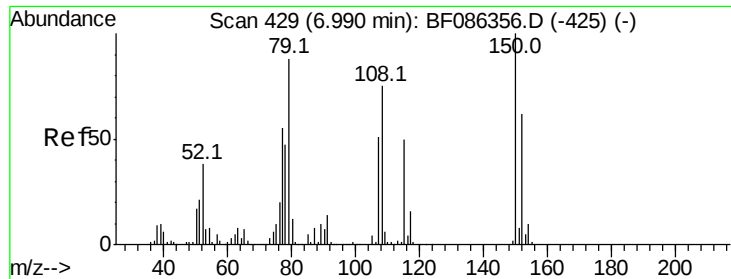
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#14
 1,2-Dichlorobenzene
 Concen: 35.54 ng m
 RT: 7.02 min Scan# 432
 Delta R.T. 0.01 min
 Lab File: BF086412.D
 Acq: 24 Apr 2016 1:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.6
111	34.0	36.2	54.4#





#15

Benzyl Alcohol

Concen: 37.72 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

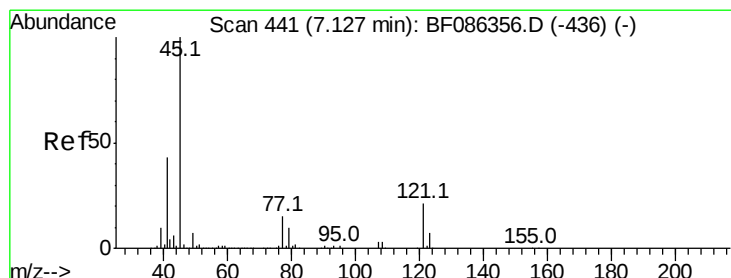
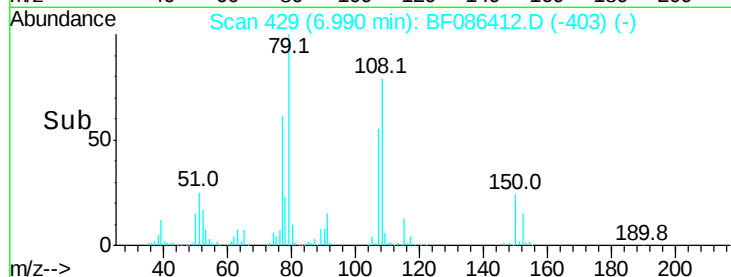
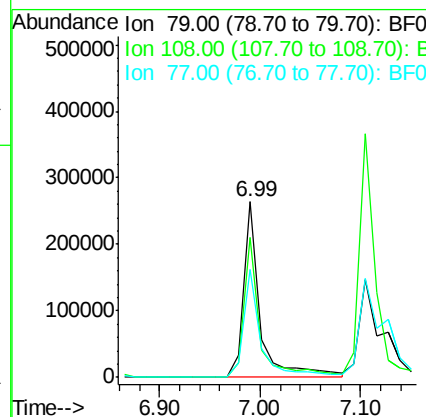
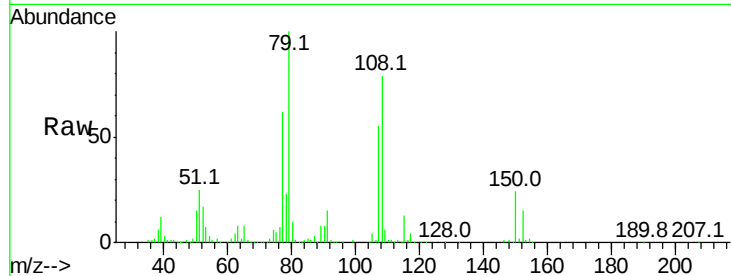
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	302290
Ion Ratio	Lower	Upper	
79	100		
108	79.5	68.4	102.6
77	61.8	50.6	76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.20 ng

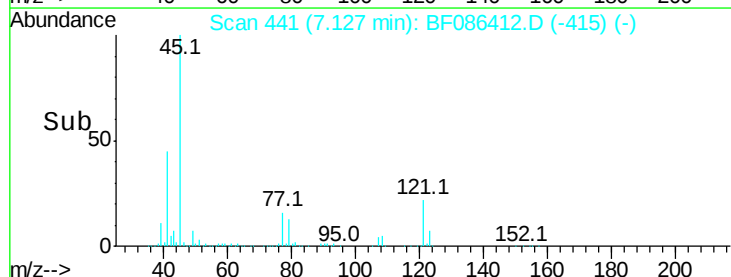
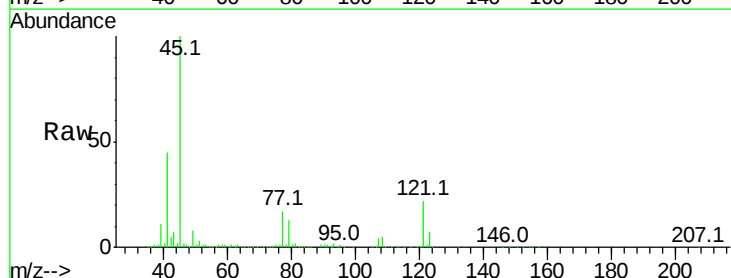
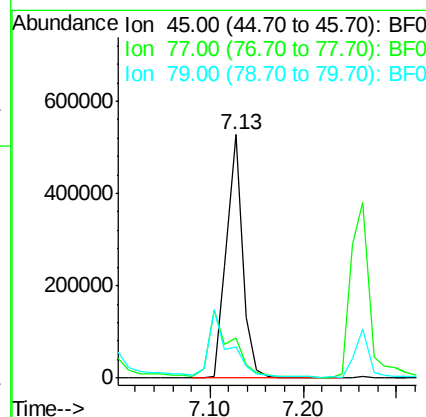
RT: 7.13 min Scan# 441

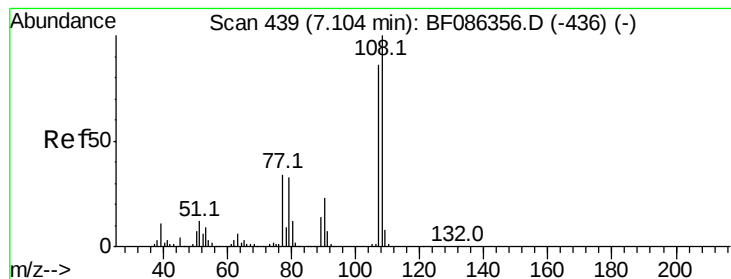
Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Tgt Ion:	45	Resp:	640498
Ion Ratio	Lower	Upper	
45	100		
77	16.6	0.0	36.4
79	13.0	0.0	33.4





#17

2-Methylphenol

Concen: 36.22 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

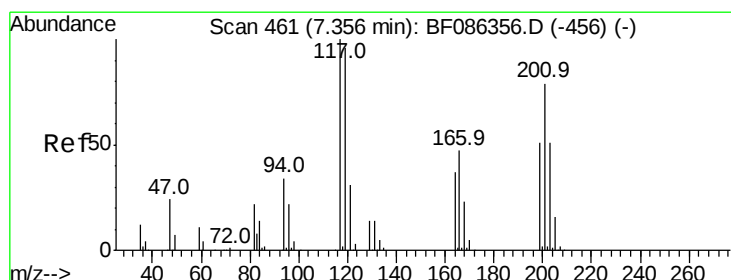
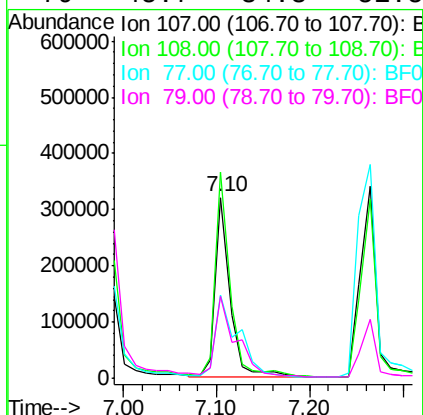
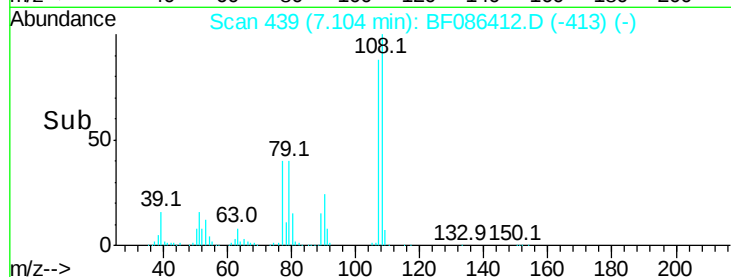
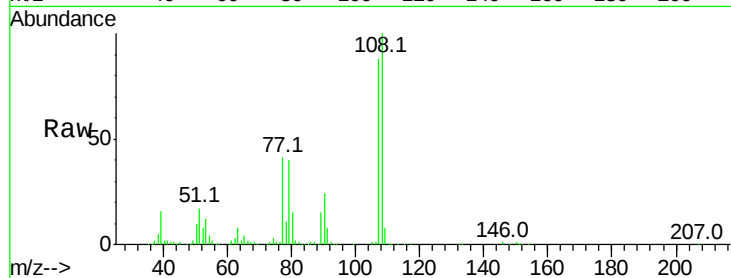
ClientSampleId :

SSTDCCC040EC

Tot Ion:	107	Resp:	359907
Ion Ratio	Lower	Upper	
107	100		
108	113.9	93.7	140.5
77	46.4	33.4	50.0
79	45.7	34.3	51.5

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#18

Hexachloroethane

Concen: 23.14 ng

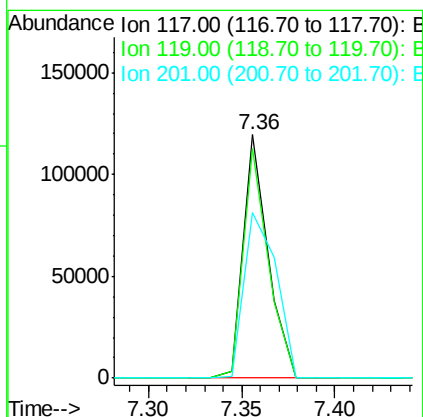
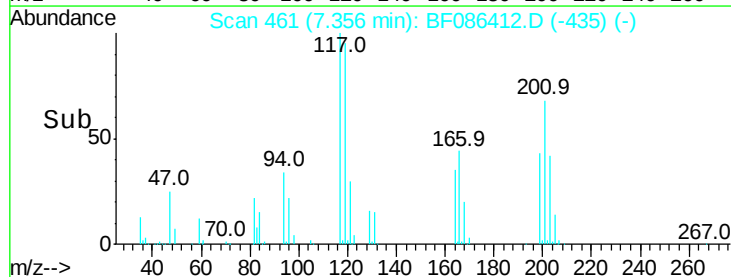
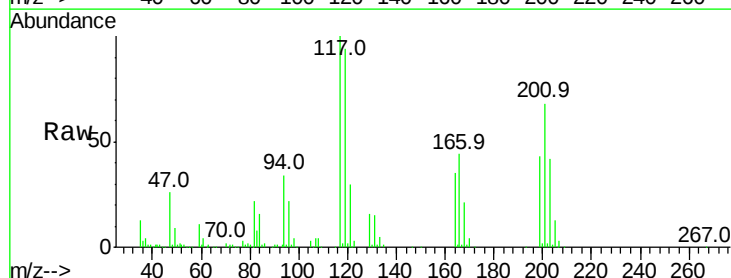
RT: 7.36 min Scan# 461

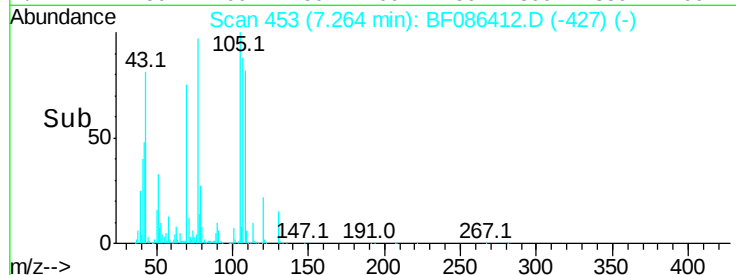
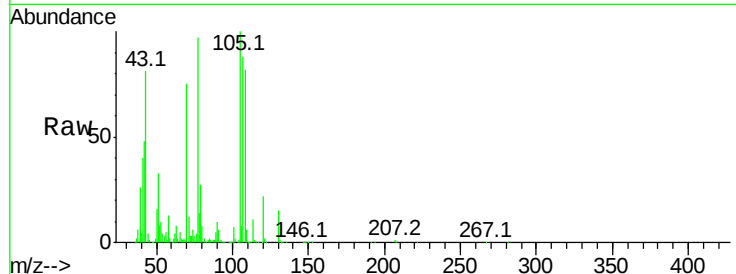
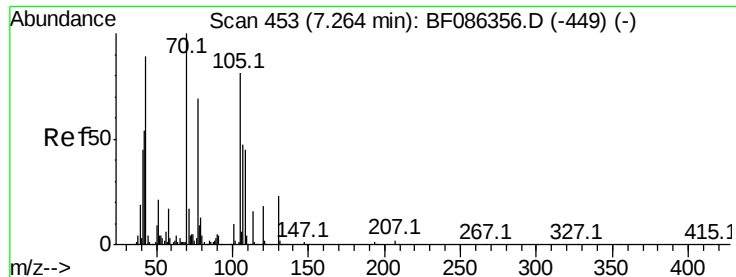
Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Tgt Ion:	117	Resp:	110701
Ion Ratio	Lower	Upper	
117	100		
119	94.4	76.5	114.7
201	68.0	63.0	94.6





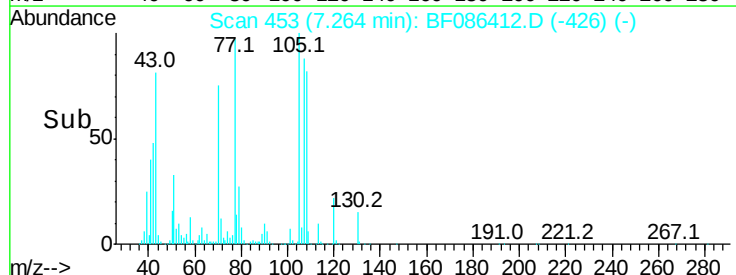
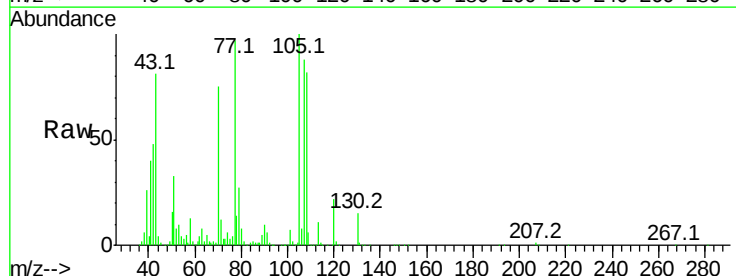
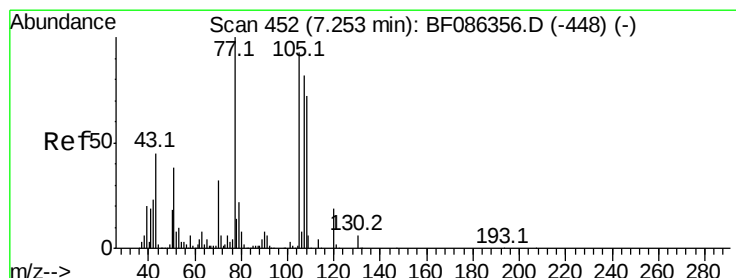
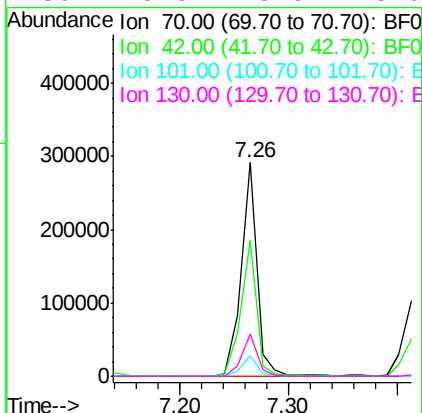
#19
n-Nitroso-di-n-propylamine
Concen: 35.76 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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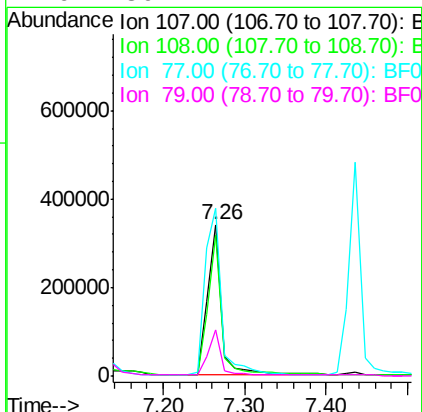
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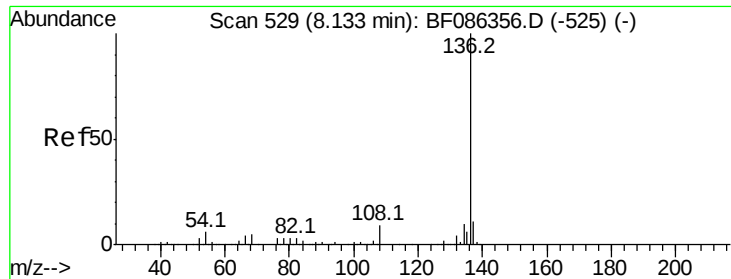
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	63.8	43.1	64.7		
101	9.4	8.1	12.1		
130	19.6	18.6	28.0		



#20
3+4-Methylphenols
Concen: 39.95 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.9	68.5	108.5		
77	110.9	101.6	141.6		
79	30.7	7.4	47.4		





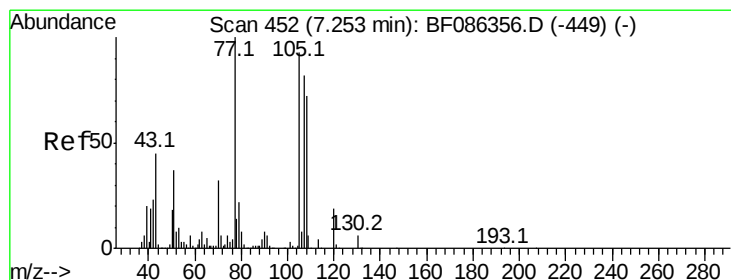
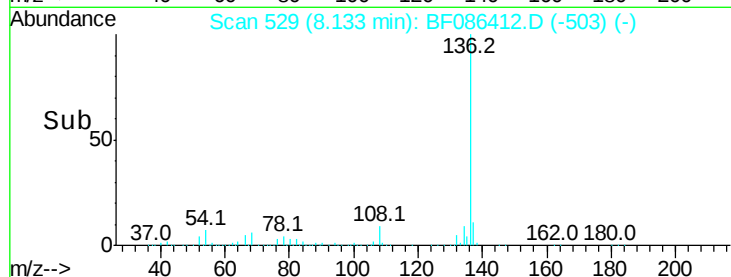
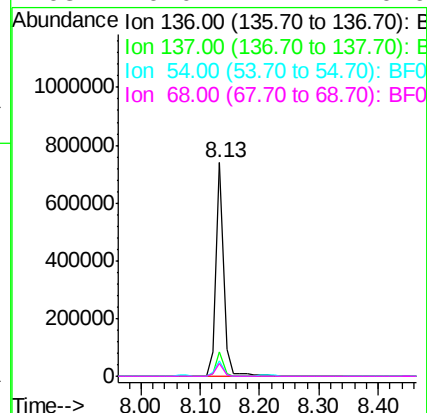
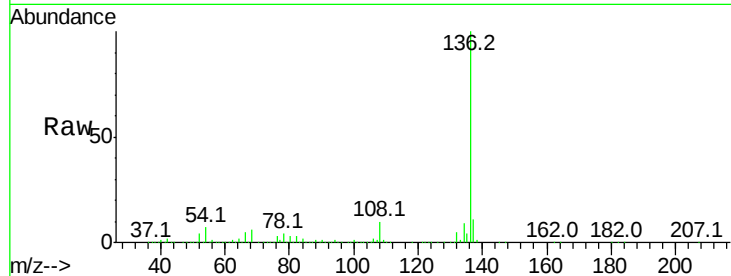
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	662103		
137	11.1		8.8	13.2
54	7.3		5.0	7.4
68	6.0		4.4	6.6

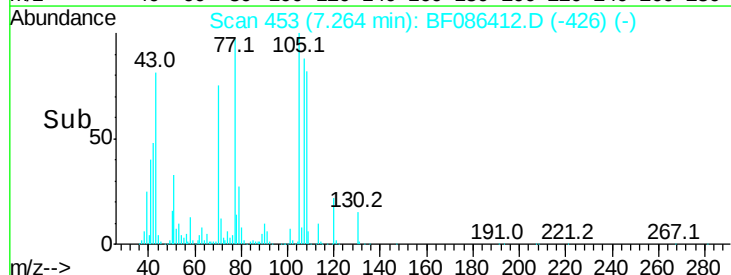
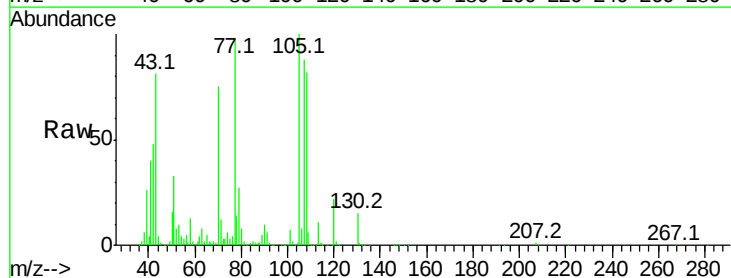
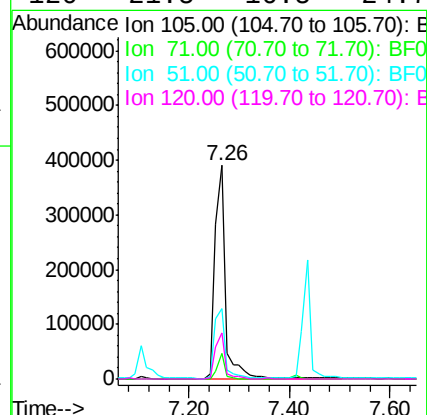
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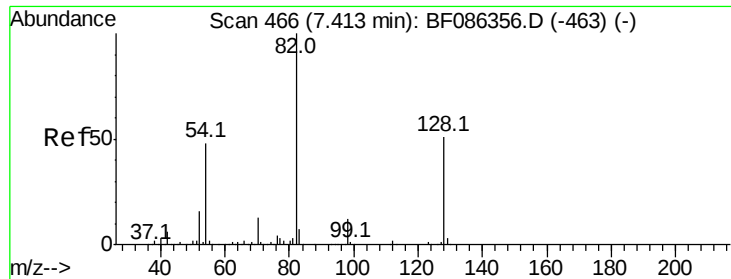
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#22
Acetophenone
Concen: 41.53 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	576821		
71	12.1		4.8	7.2#
51	33.1		32.6	49.0
120	21.5		16.5	24.7





#23

Nitrobenzene-d5

Concen: 77.45 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

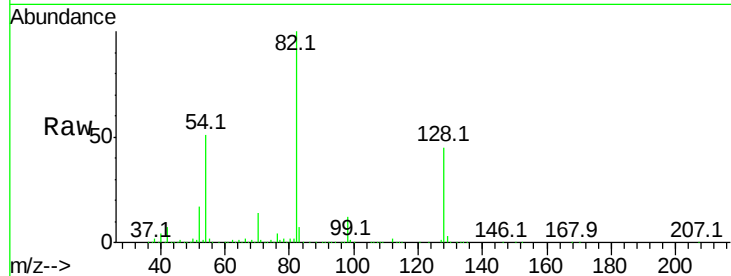
ClientSampleId :

SSTDCCC040EC

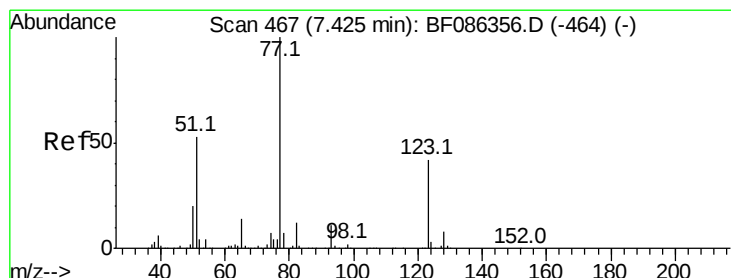
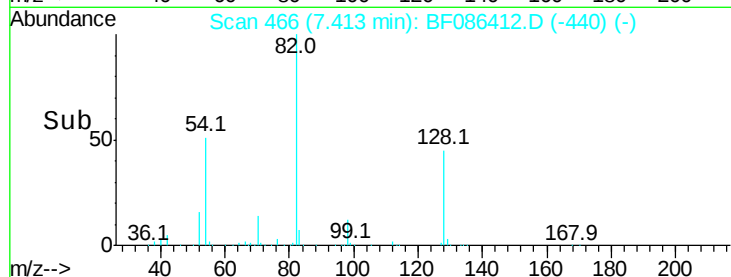
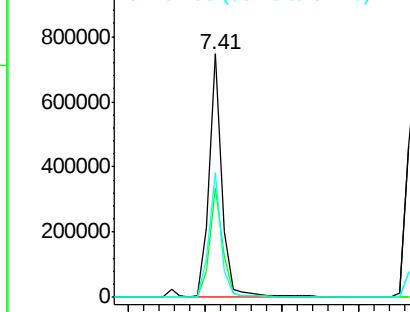
Tot Ion:	82	Resp:	865651
Ion Ratio	Lower	Upper	
82	100		
128	44.9	40.6	61.0
54	51.2	38.1	57.1

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.75 ng

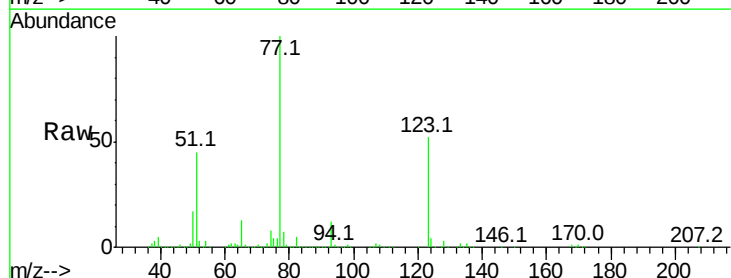
RT: 7.44 min Scan# 468

Delta R.T. 0.01 min

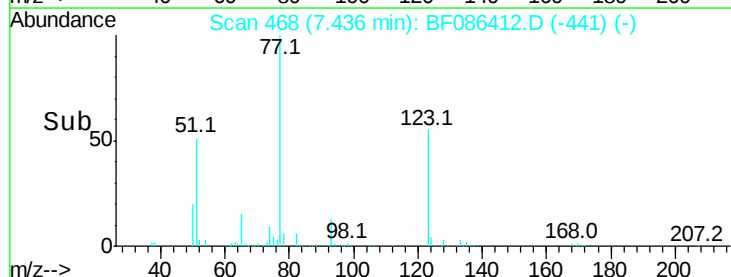
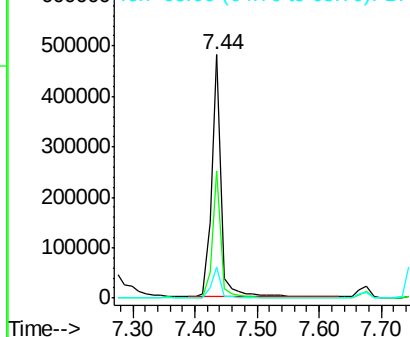
Lab File: BF086412.D

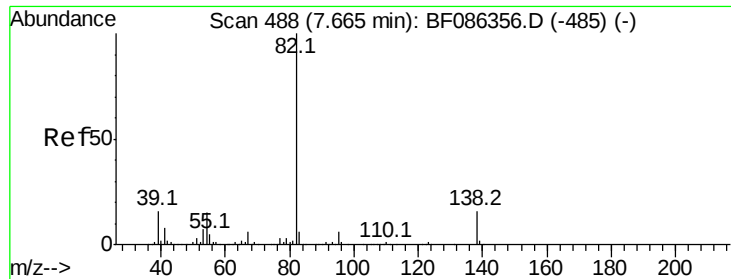
Acq: 24 Apr 2016 1:40

Tgt Ion:	77	Resp:	500549
Ion Ratio	Lower	Upper	
77	100		
123	52.4	33.0	49.4#
65	12.8	10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.45 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

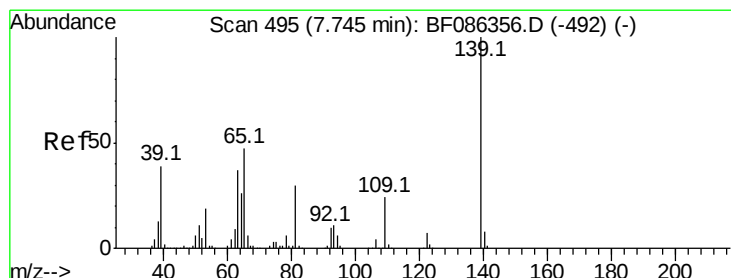
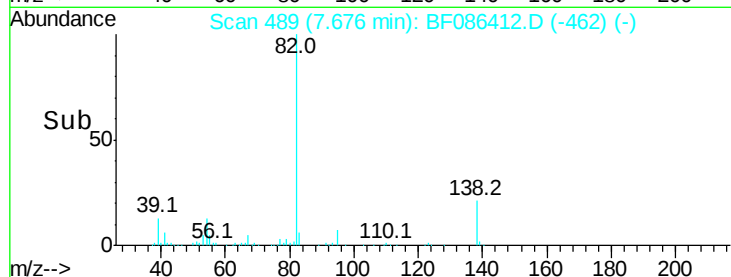
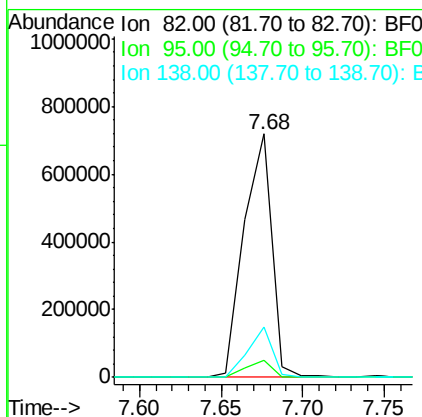
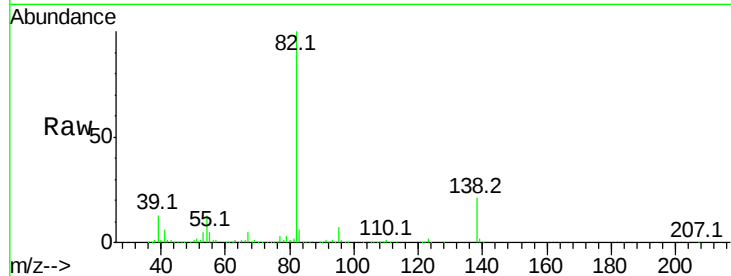
ClientSampleId :

SSTDCCC040EC

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Tot Ion:	82	Resp:	842152
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.1	7.7
138	20.9	12.4	18.6



#26

2-Nitrophenol

Concen: 25.14 ng

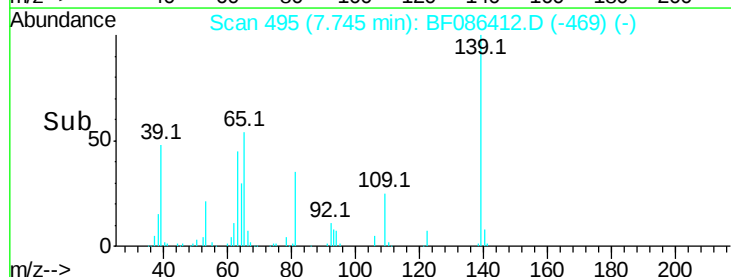
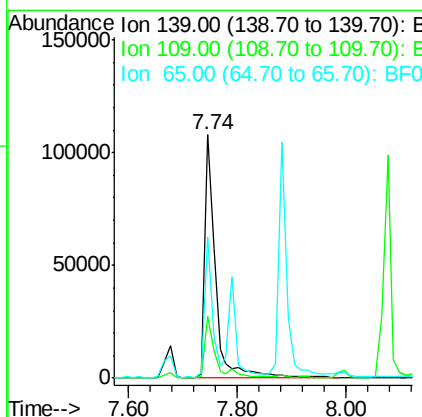
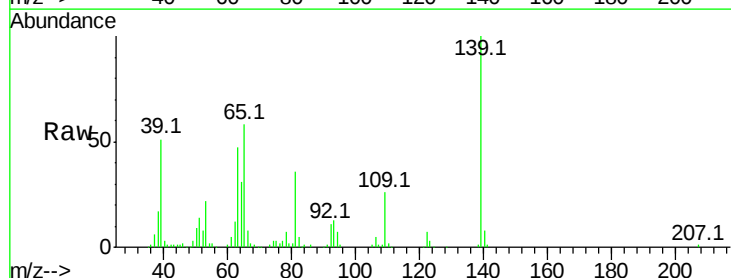
RT: 7.74 min Scan# 495

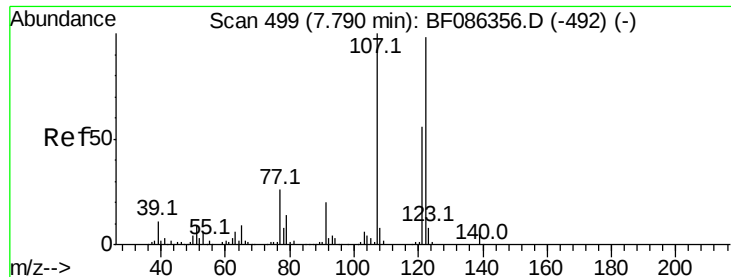
Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Tgt Ion:	139	Resp:	148911
Ion Ratio	Lower	Upper	
139	100		
109	25.6	19.5	29.3
65	57.8	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 39.77 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

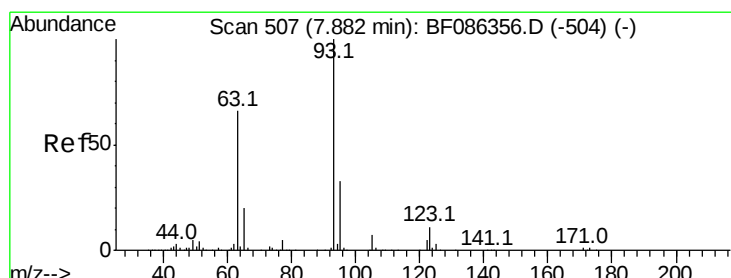
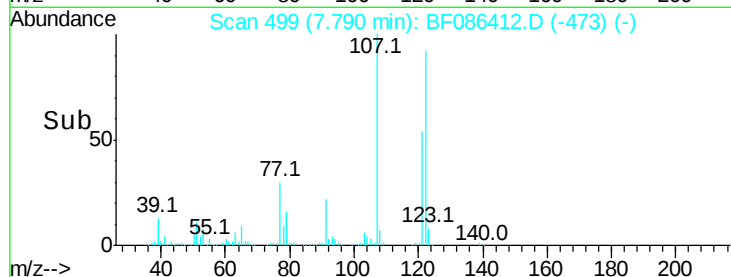
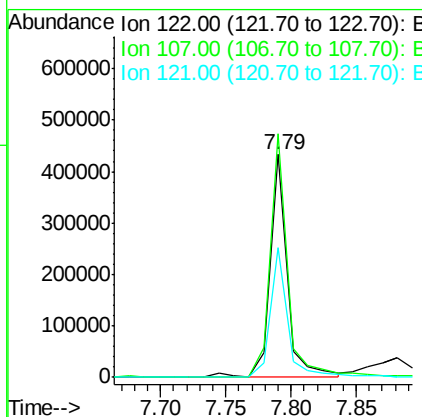
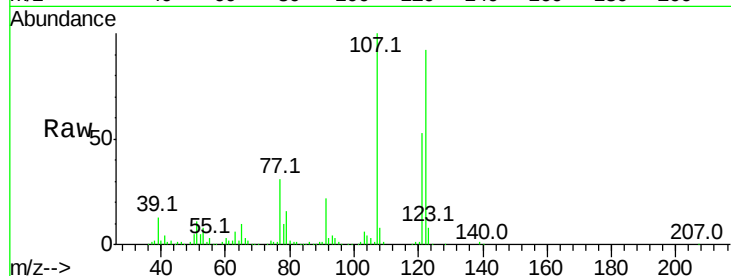
ClientSampleId :

SSTDCCC040EC

Tot Ion:	122	Resp:	403402
Ion Ratio	Lower	Upper	
122	100		
107	109.2	82.0	123.0
121	58.2	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 39.89 ng

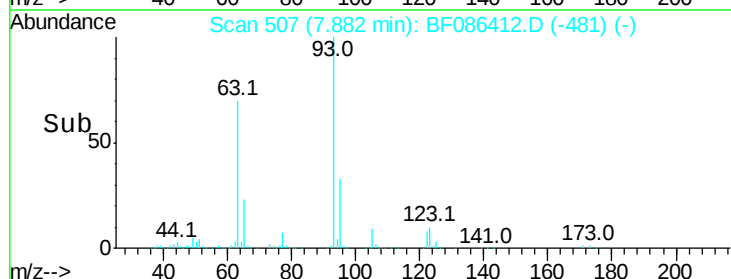
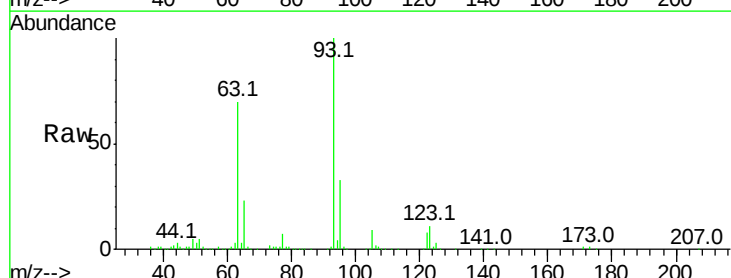
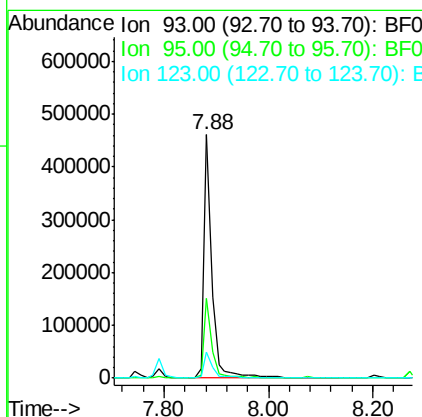
RT: 7.88 min Scan# 507

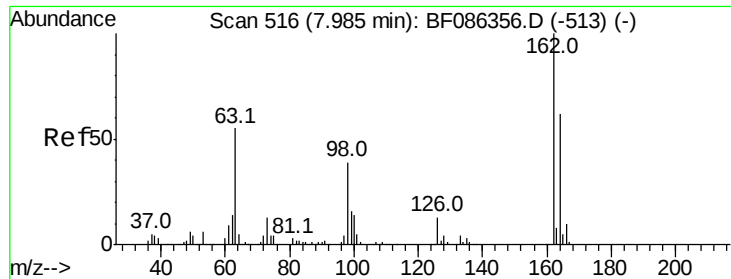
Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Tgt Ion:	93	Resp:	487879
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.0	39.0
123	10.6	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 38.85 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

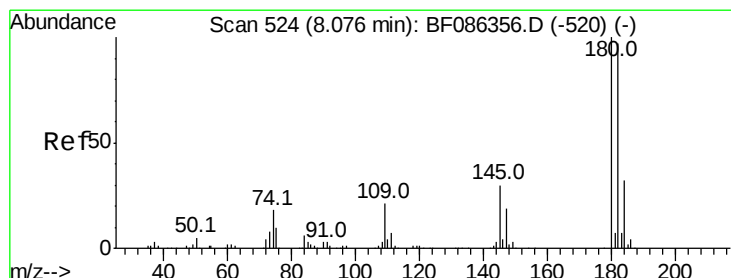
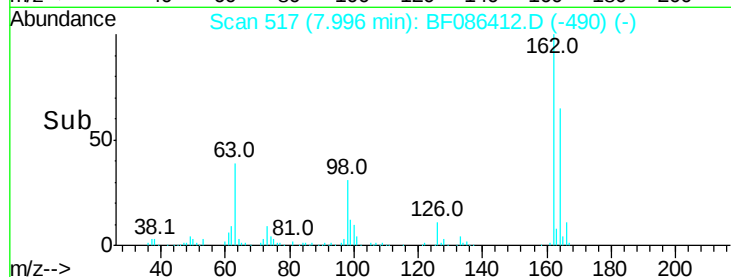
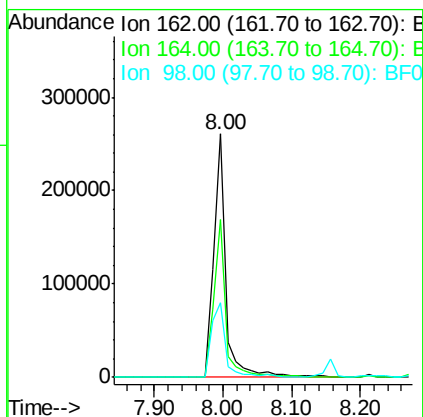
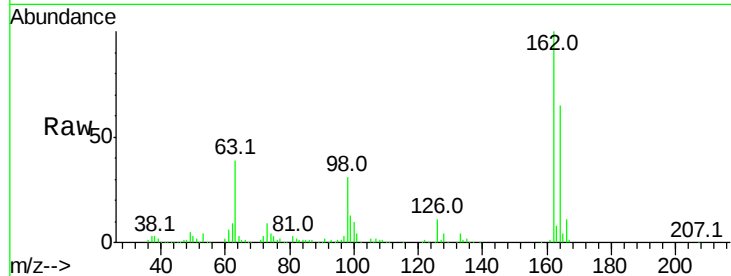
ClientSampleId :

SSTDCCC040EC

Tot Ion:	162	Resp:	325775
Ion Ratio	Lower	Upper	
162	100		
164	64.9	42.2	82.2
98	30.8	19.0	59.0

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 40.54 ng

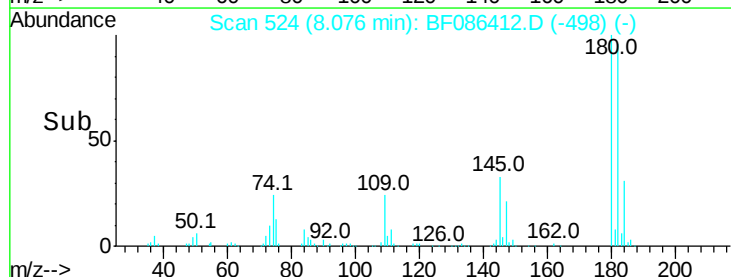
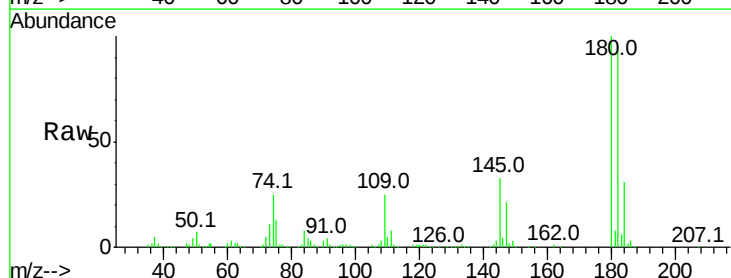
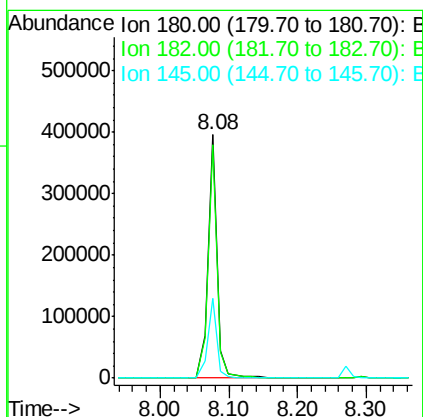
RT: 8.08 min Scan# 524

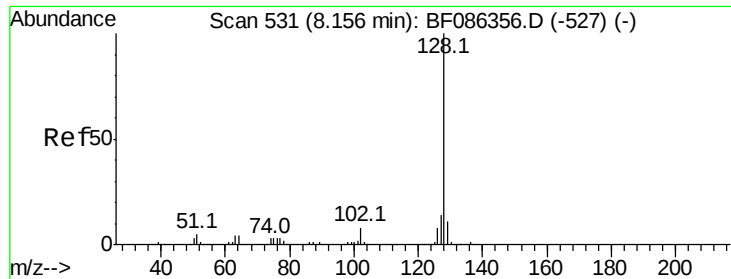
Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Tgt Ion:	180	Resp:	369245
Ion Ratio	Lower	Upper	
180	100		
182	95.9	78.0	117.0
145	32.6	24.2	36.2





#31

Naphthalene

Concen: 35.99 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 1213954

Ion Ratio Lower Upper

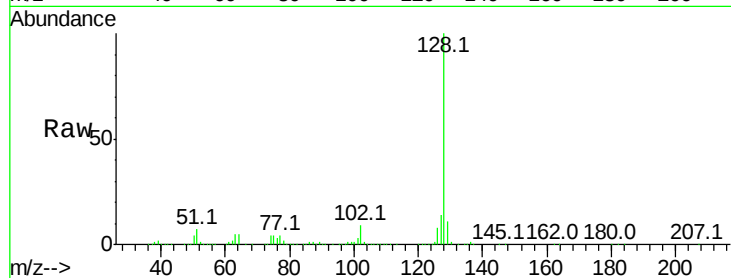
128 100

129 11.3 8.6 13.0

127 13.6 10.8 16.2

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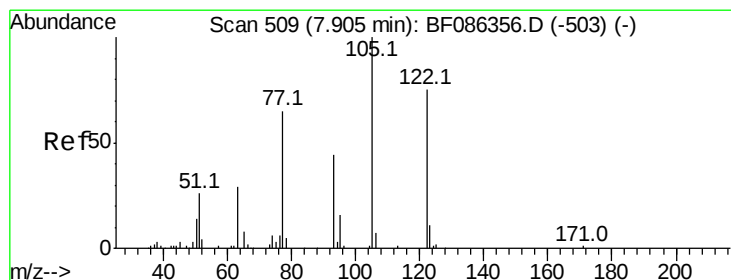
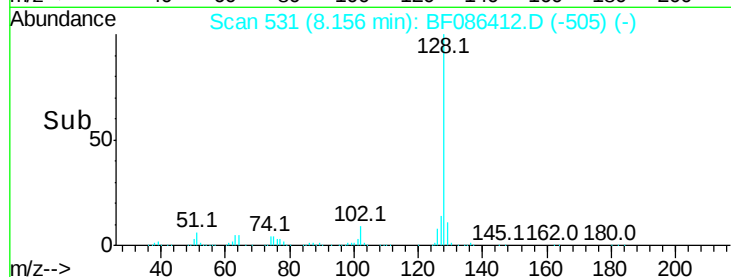
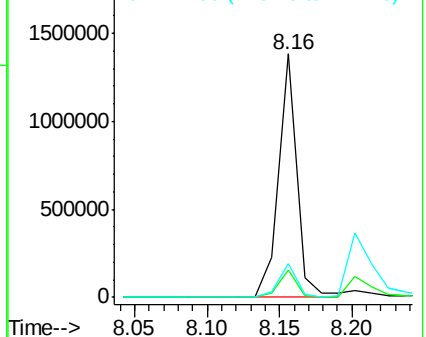
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.07 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.02 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

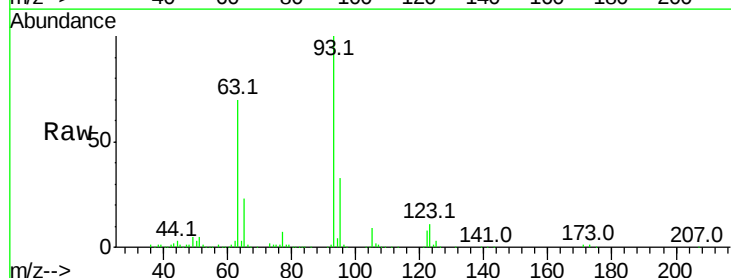
Tgt Ion:122 Resp: 136649

Ion Ratio Lower Upper

122 100

105 110.7 92.6 132.6

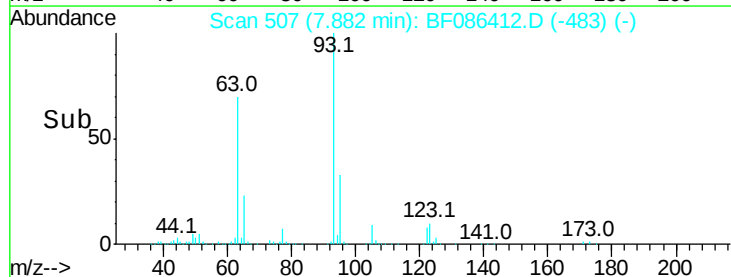
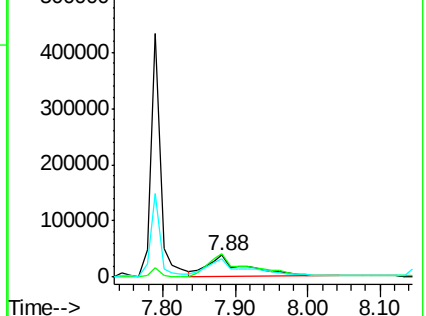
77 87.0 60.0 100.0

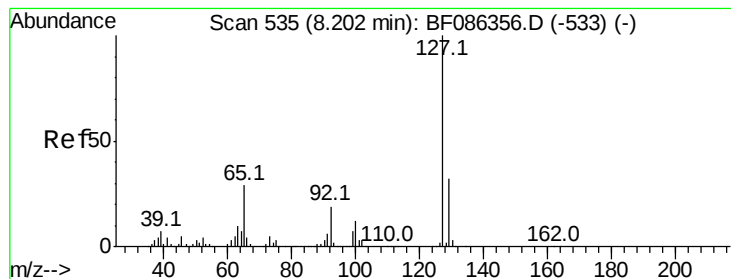


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 37.86 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

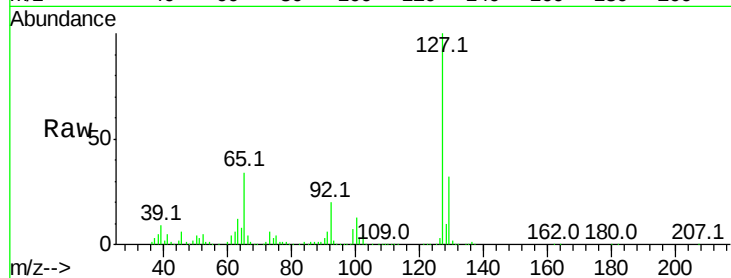
SSTDCCC040EC

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Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.2	39.4	
65	33.7	23.0	34.4	
92	20.4	15.1	22.7	

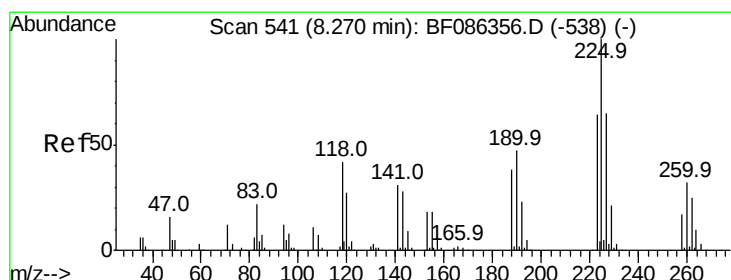
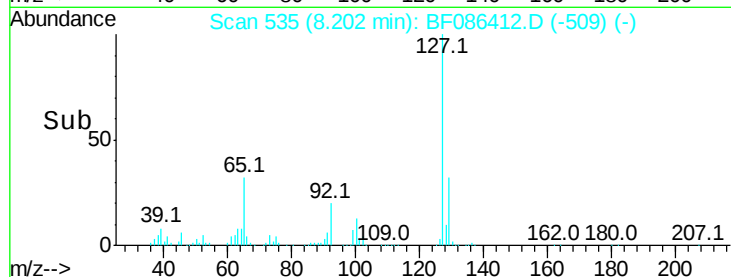
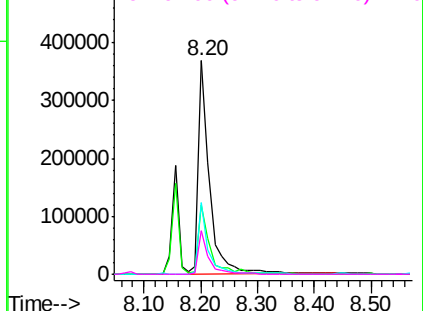


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.28 ng

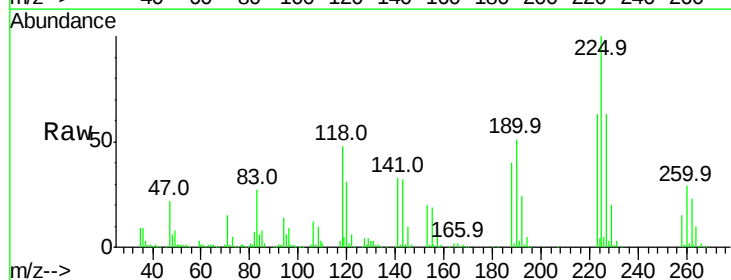
RT: 8.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

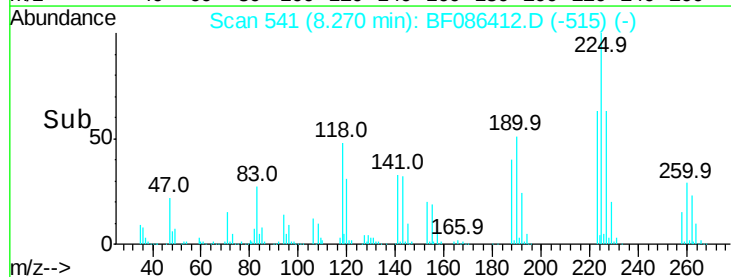
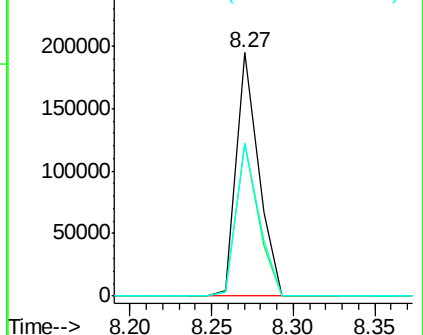
Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	51.5	77.3	
227	62.7	52.2	78.2	

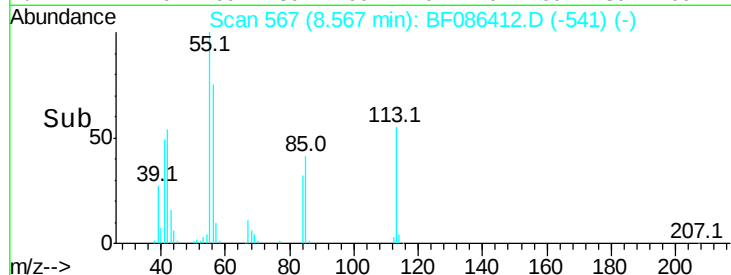
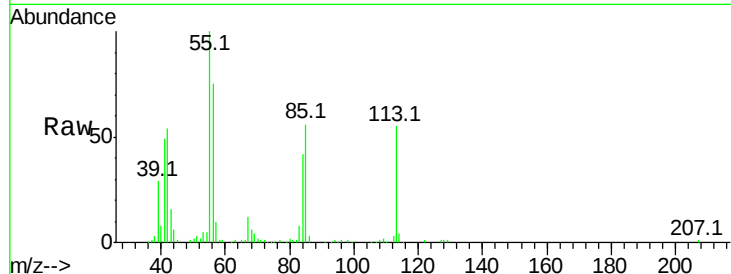
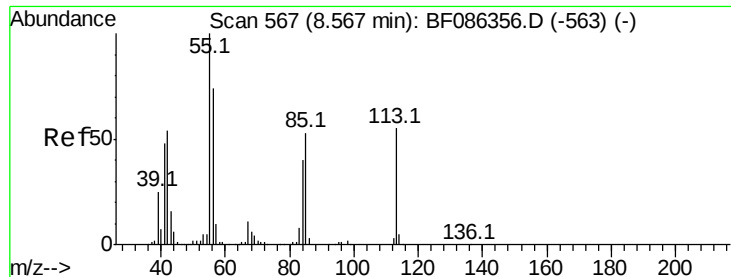


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





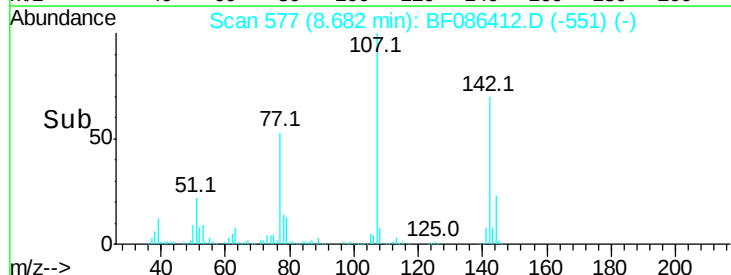
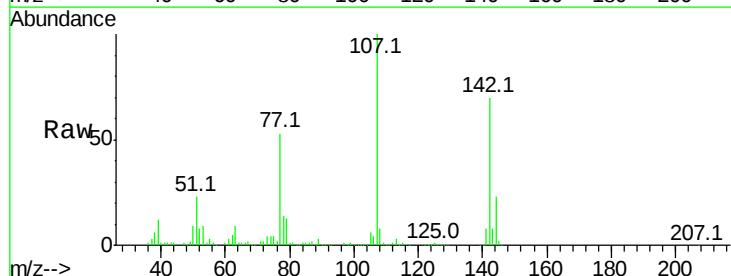
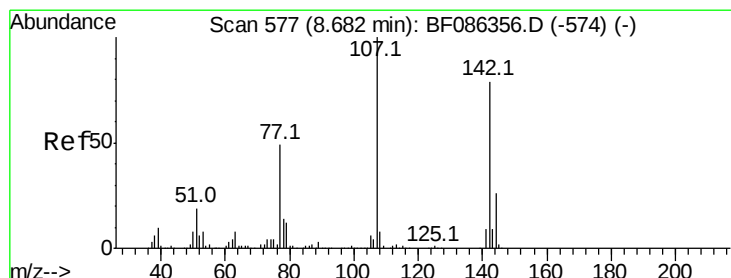
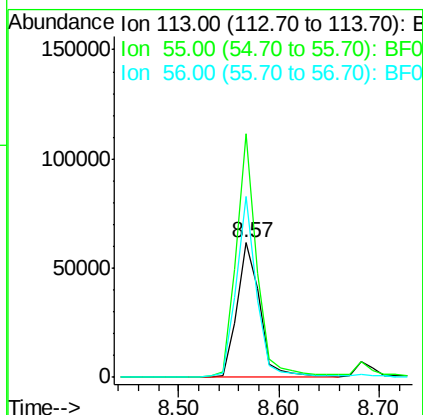
#35
Caprolactam
Concen: 32.35 ng
RT: 8.57 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tot Ion:113 Resp: 97323
Ion Ratio Lower Upper
113 100
55 181.4 162.0 202.0
56 135.2 115.3 155.3

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

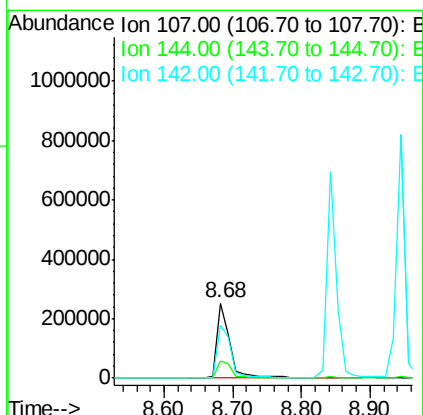
Manual Integrations
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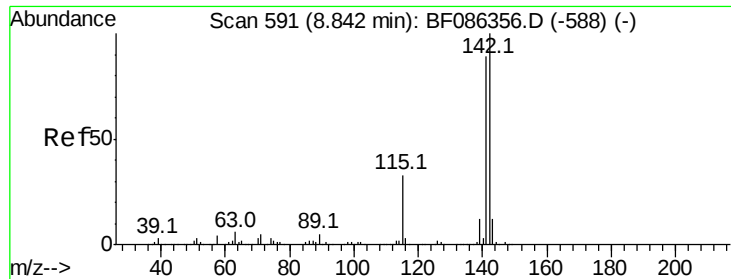
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#36
4-Chloro-3-methylphenol
Concen: 33.09 ng
RT: 8.68 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion:107 Resp: 329723
Ion Ratio Lower Upper
107 100
144 23.0 20.7 31.1
142 70.2 63.2 94.8





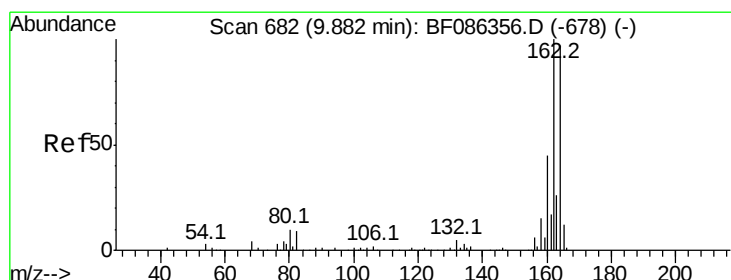
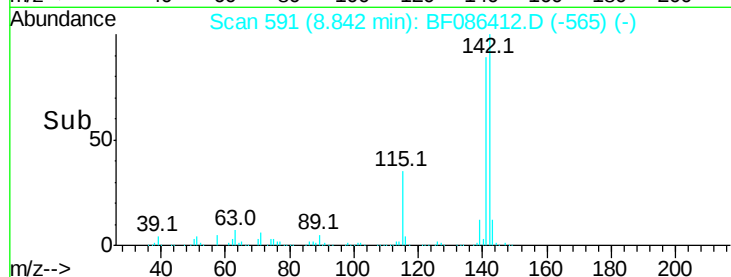
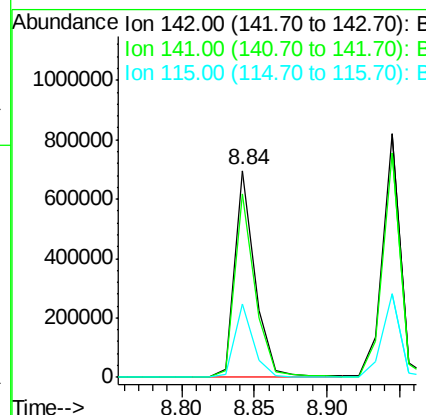
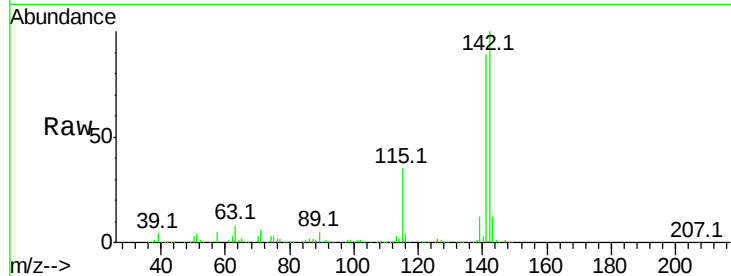
#37
2-Methylnaphthalene
Concen: 35.13 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.6
115	35.5	26.6	39.8

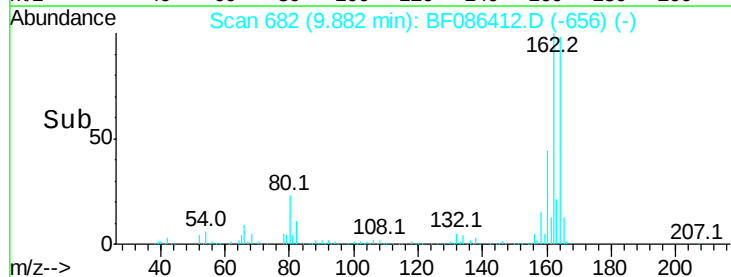
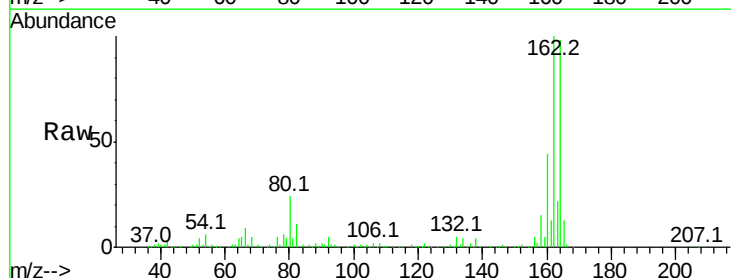
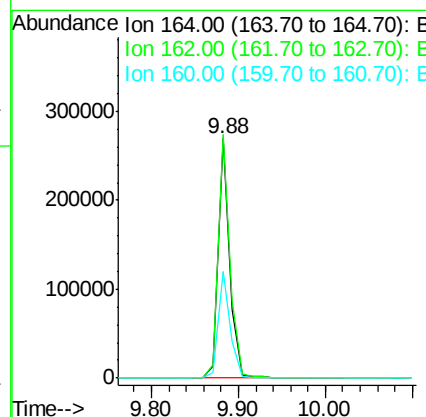
Manual Integrations
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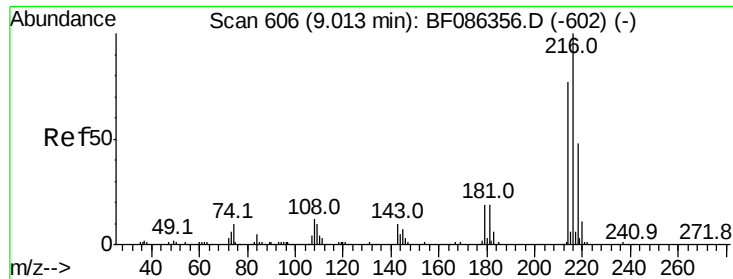
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.8	124.2
160	44.5	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.76 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

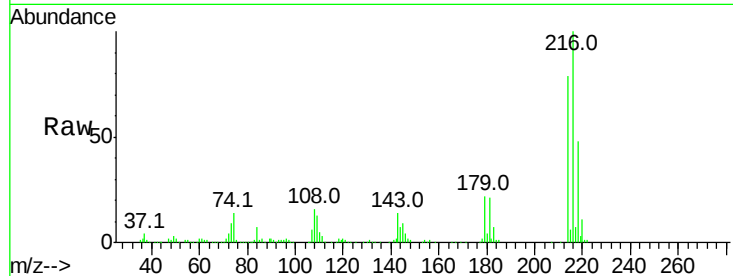
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.3	62.6	93.8	
179	22.8	18.2	27.4	
108	19.2	17.5	26.3	

Manual Integrations
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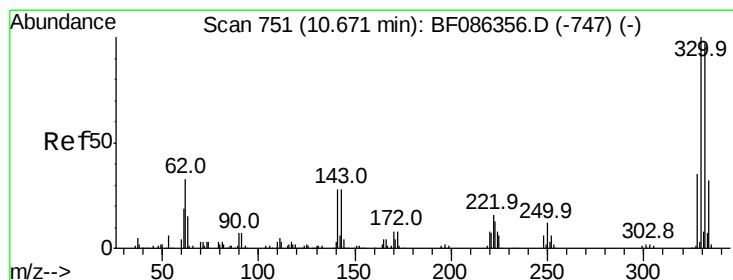
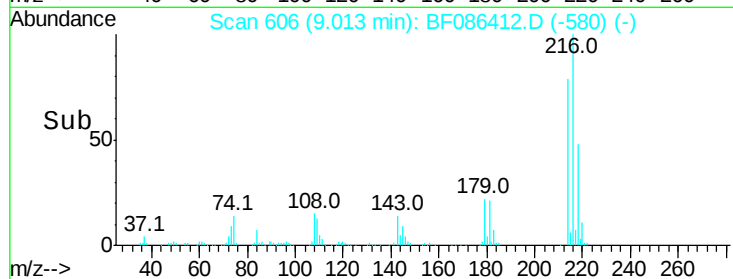
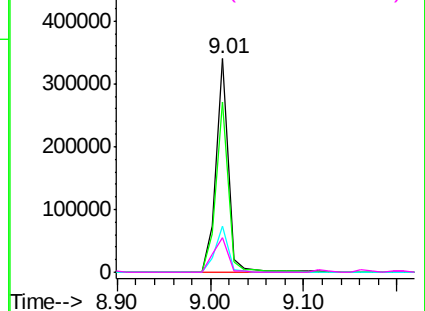


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 74.87 ng

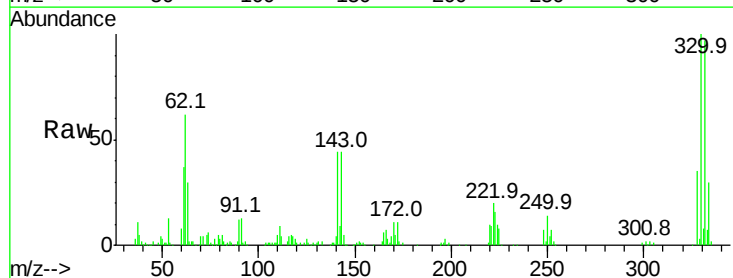
RT: 10.67 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

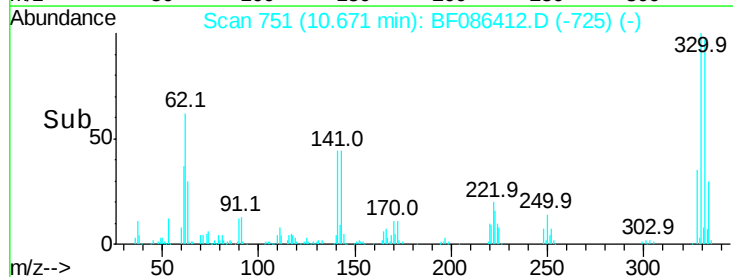
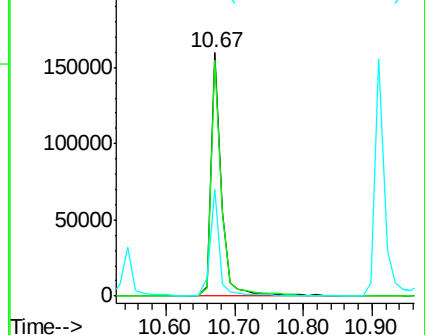
Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	79.0	118.4	
141	41.7	31.2	46.8	

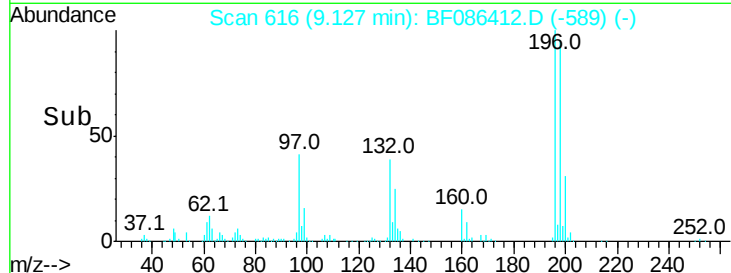
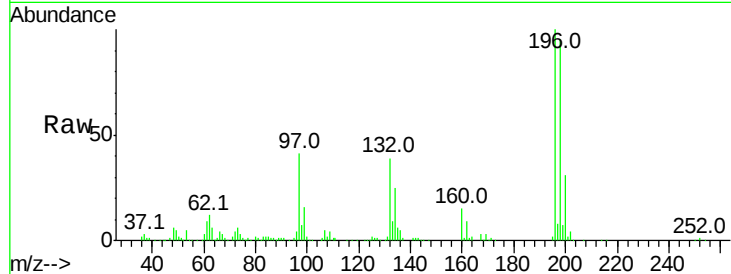
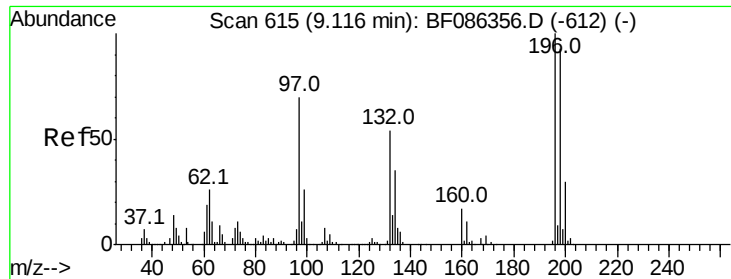


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





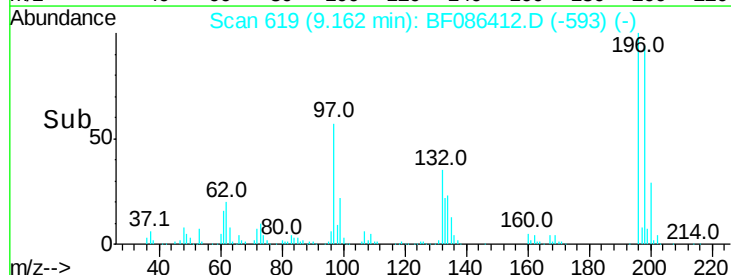
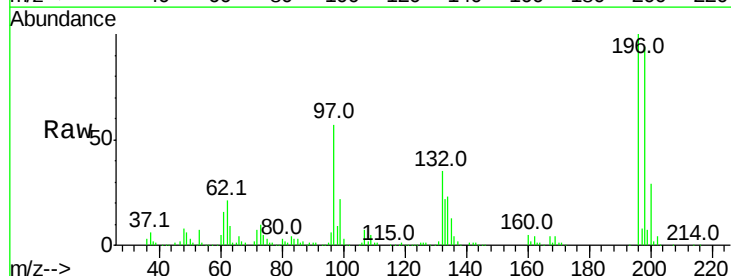
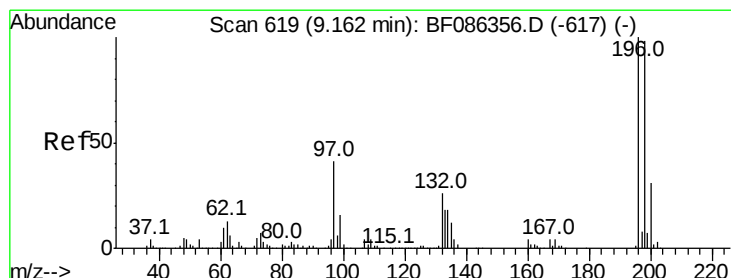
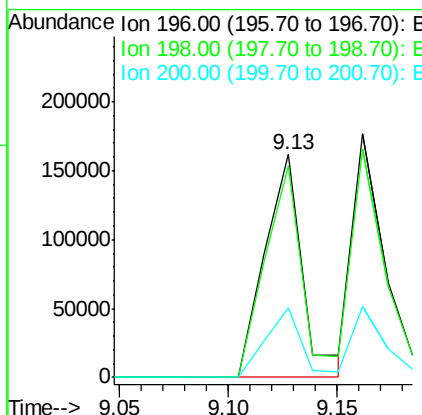
#42
2,4,6-Trichlorophenol
Concen: 45.20 ng
RT: 9.13 min Scan# 616
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		194650		
198	94.9	74.7	112.1		
200	31.4	23.8	35.6		

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

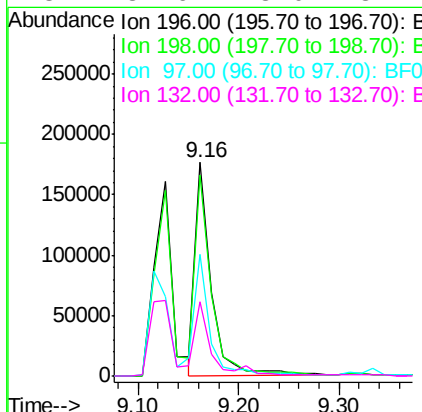
Manual Integrations
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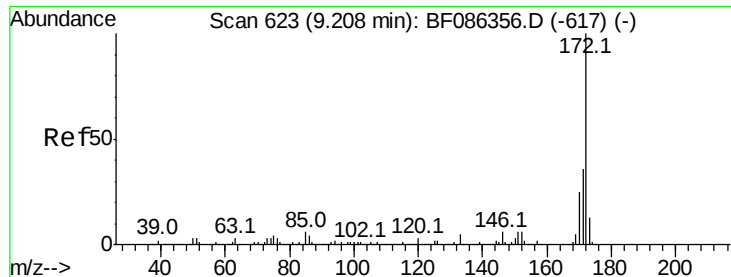
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#43
2,4,5-Trichlorophenol
Concen: 37.00 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		196209		
198	93.8	77.5	116.3		
97	56.9	34.8	52.2#		
132	34.6	23.0	34.4#		





#44

2-Fluorobiphenyl

Concen: 84.76 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:172 Resp: 1260946

Ion Ratio Lower Upper

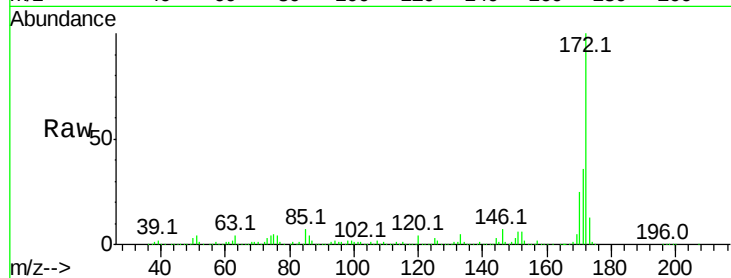
172 100

171 36.3 29.0 43.6

170 25.1 19.8 29.8

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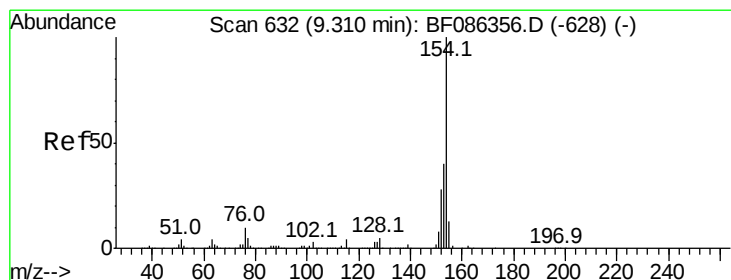
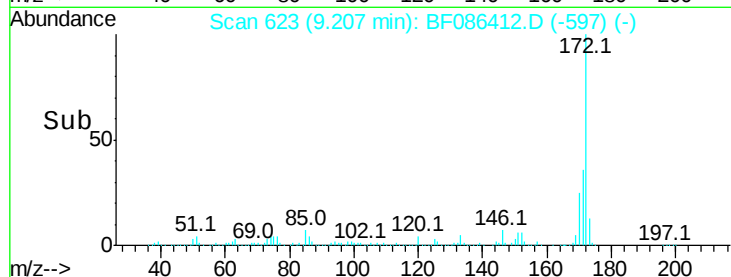
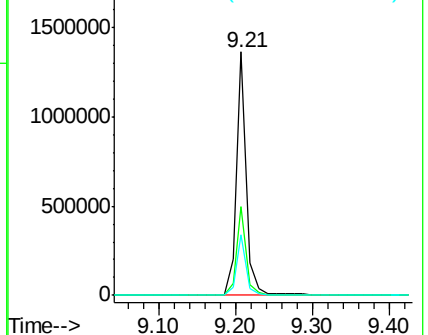
sohil
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 44.93 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

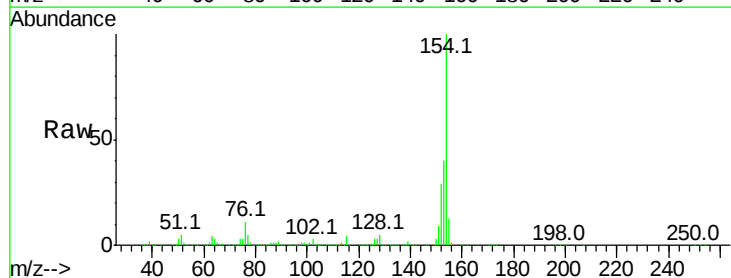
Tgt Ion:154 Resp: 884832

Ion Ratio Lower Upper

154 100

153 40.1 20.3 60.3

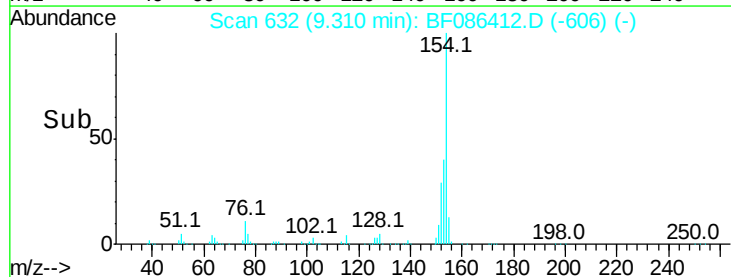
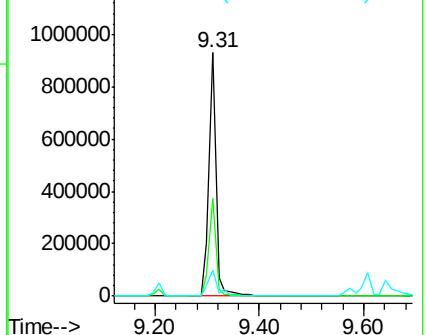
76 10.7 0.0 30.2

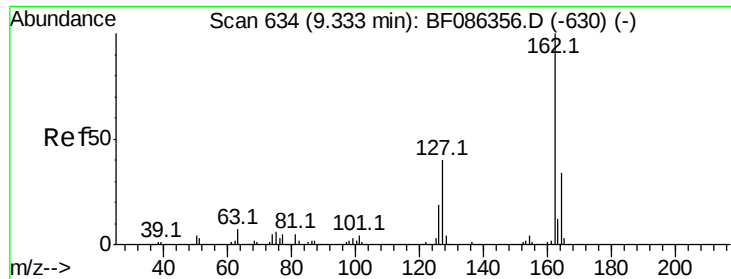


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





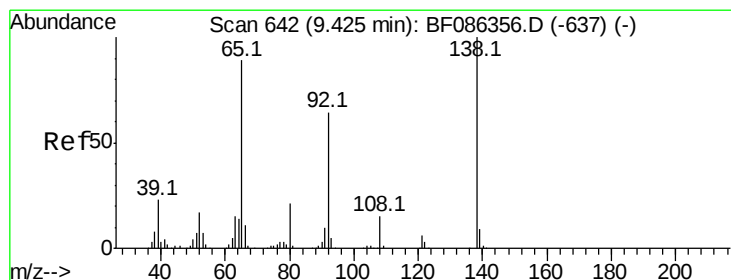
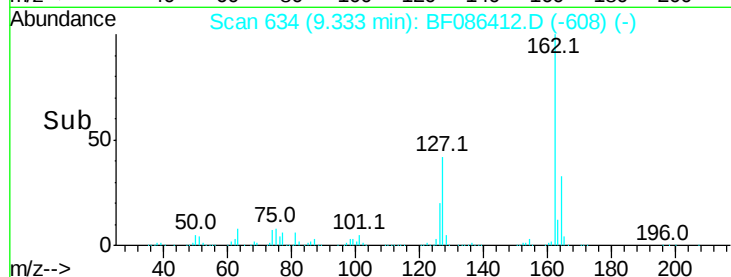
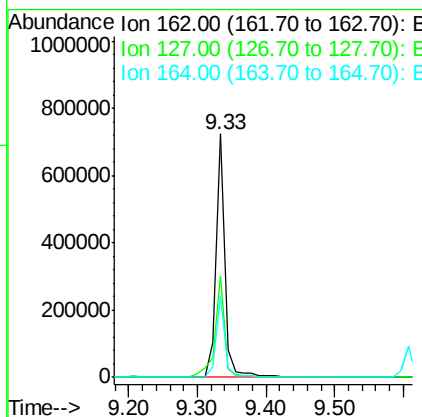
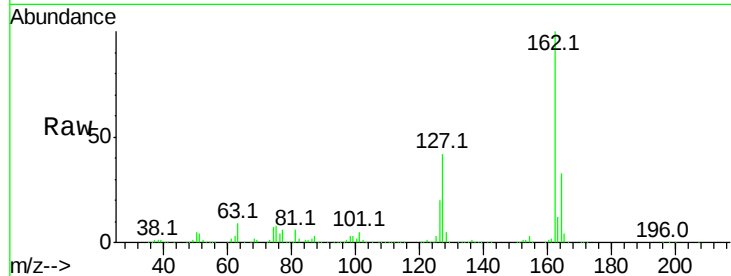
#46
2-Chloronaphthalene
Concen: 43.09 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	671832		
127	41.7		31.8	47.6
164	33.1		27.0	40.6

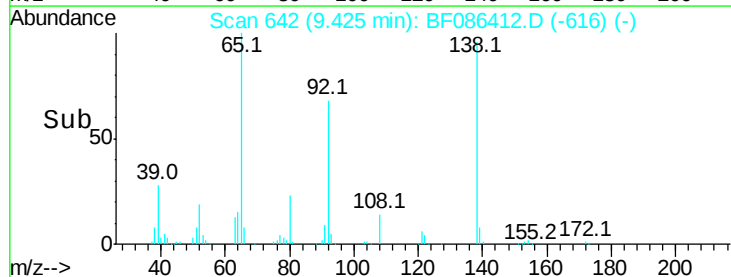
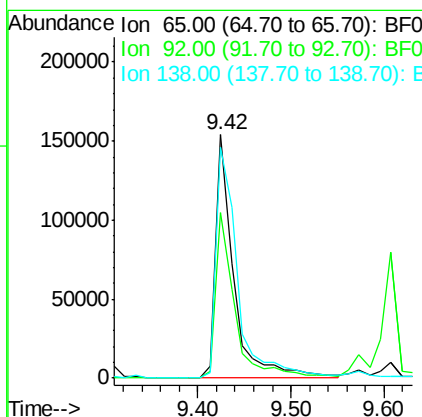
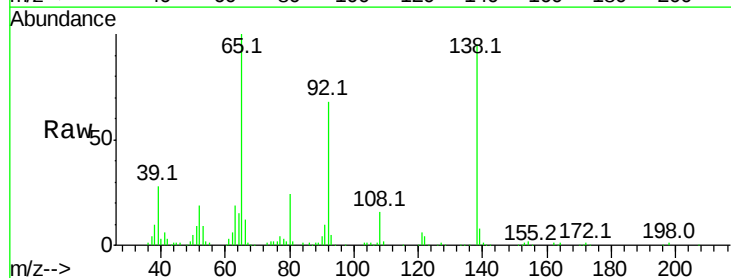
Manual Integrations
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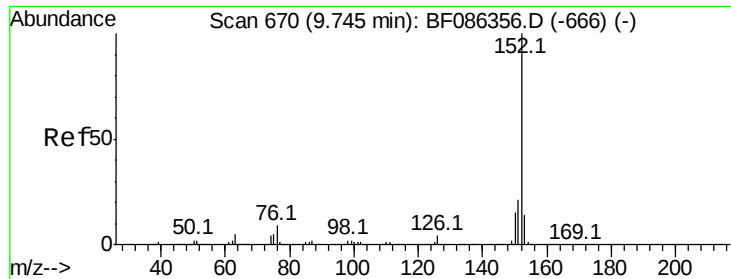
sohil
4/25/2016 12:36:19 PM



#47
2-Nitroaniline
Concen: 42.89 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	208187		
92	67.7		57.4	86.2
138	95.1		90.1	135.1





#48

Acenaphthylene

Concen: 39.50 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

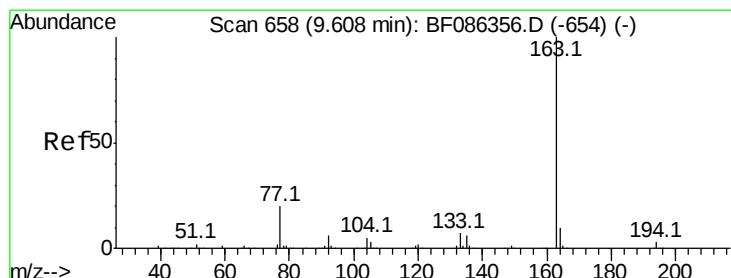
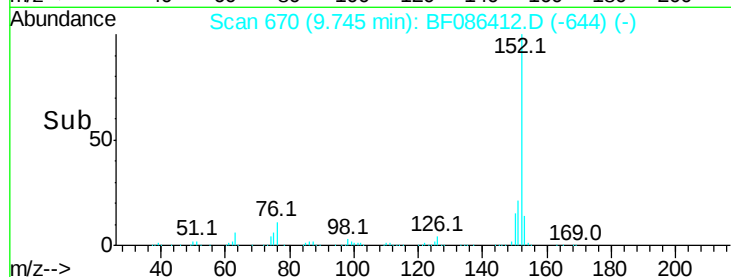
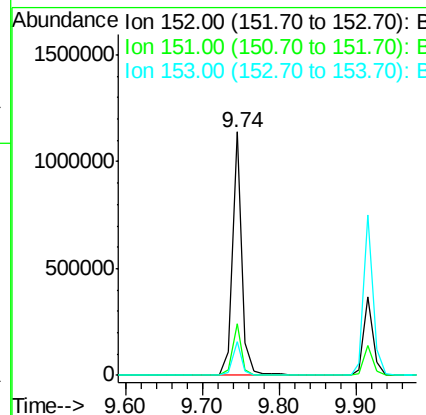
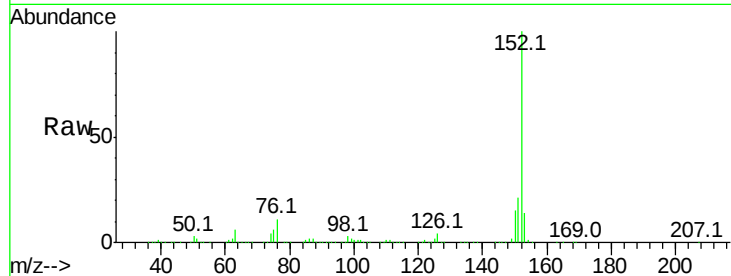
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	998506
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.8	25.2
153	13.7	10.9	16.3

Manual Integrations
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#49

Dimethylphthalate

Concen: 43.61 ng

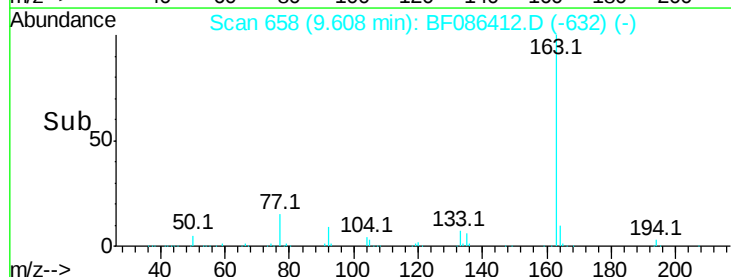
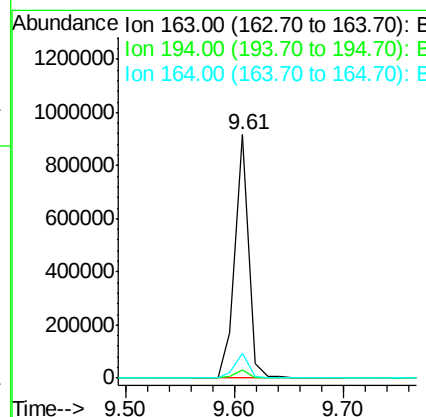
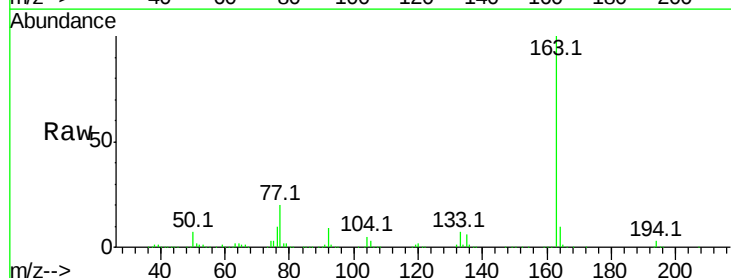
RT: 9.61 min Scan# 658

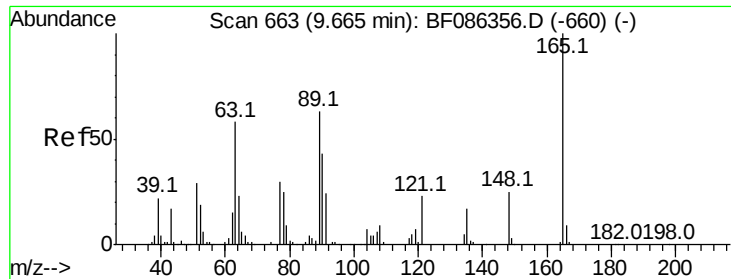
Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Tgt Ion:	163	Resp:	799793
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.6	4.0
164	10.2	8.2	12.4





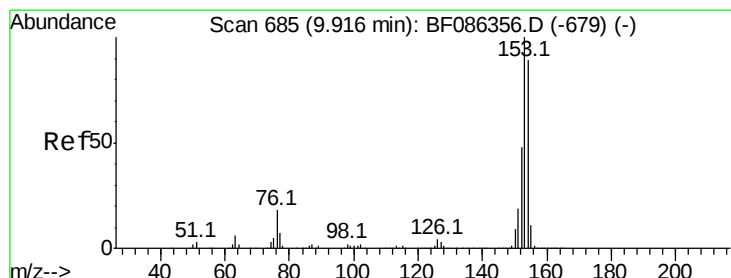
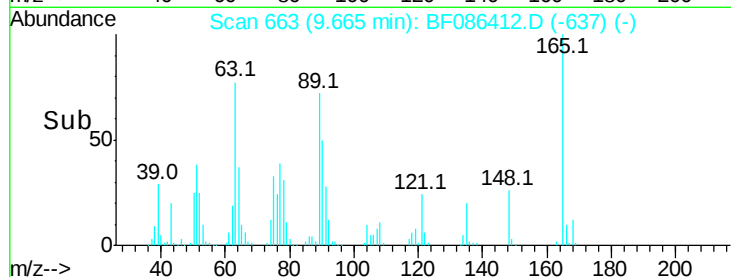
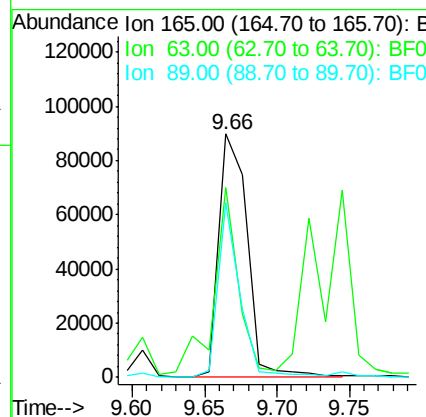
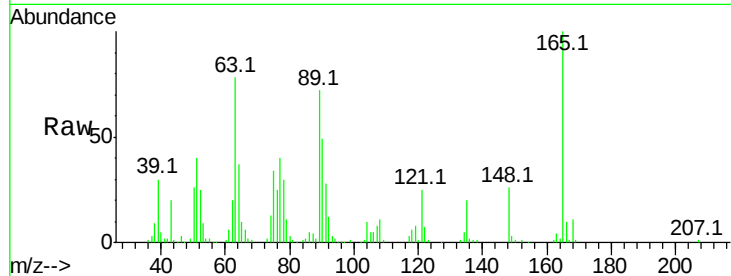
#50
2,6-Dinitrotoluene
Concen: 30.95 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	122615		
63	78.2	51.8	77.8#	
89	71.8	50.7	76.1	

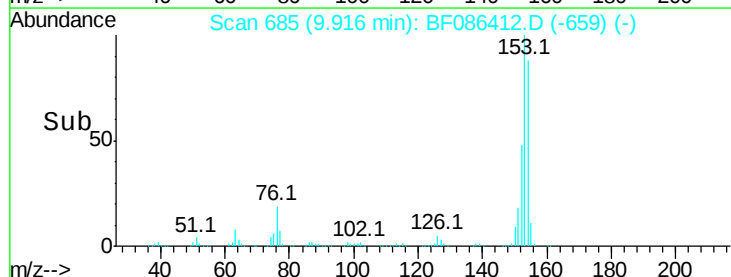
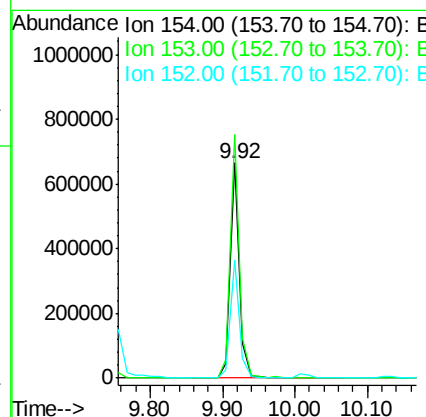
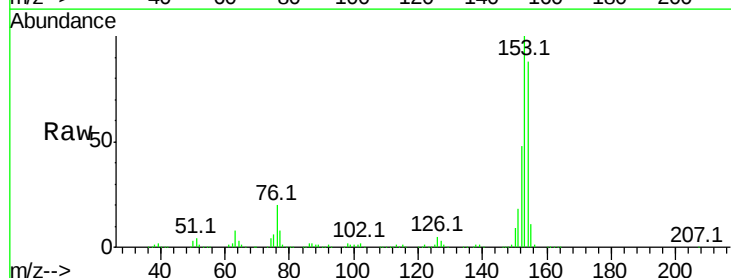
Manual Integrations
APPROVED

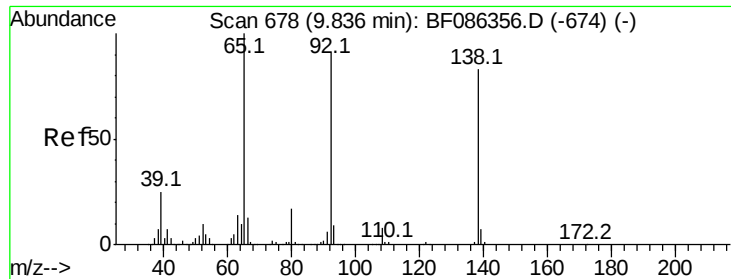
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#51
Acenaphthene
Concen: 37.38 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	580444		
153	113.2	89.8	134.6	
152	54.8	43.4	65.0	





#52

3-Nitroaniline

Concen: 45.01 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

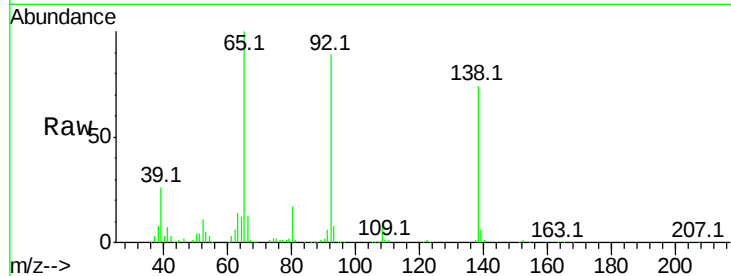
ClientSampleId :

SSTDCCC040EC

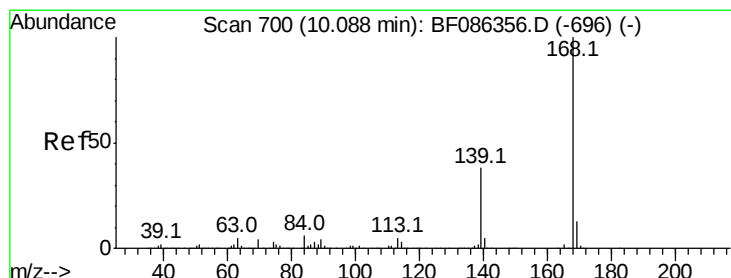
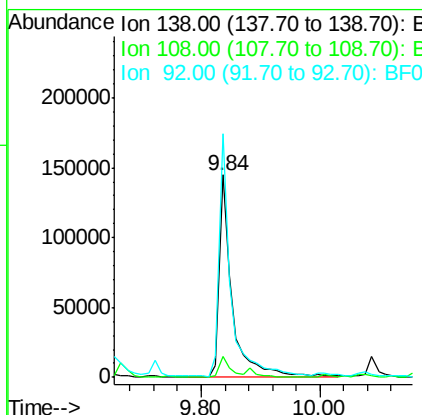
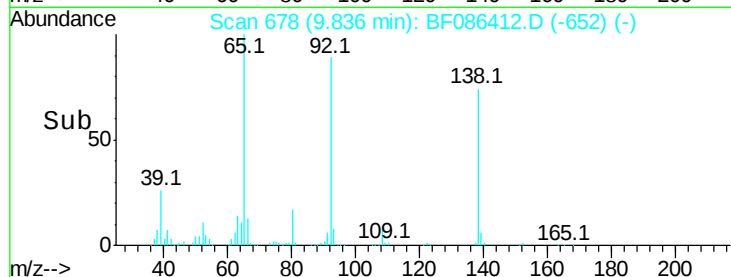
Tot Ion:	138	Resp:	223218
Ion Ratio	Lower	Upper	
138	100		
108	10.6	7.8	11.6
92	120.3	87.8	131.8

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



#54

Dibenzofuran

Concen: 39.57 ng

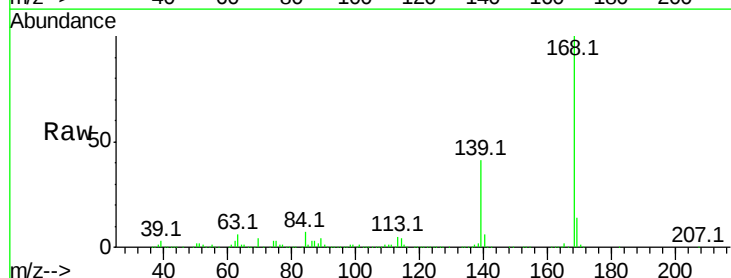
RT: 10.09 min Scan# 700

Delta R.T. -0.00 min

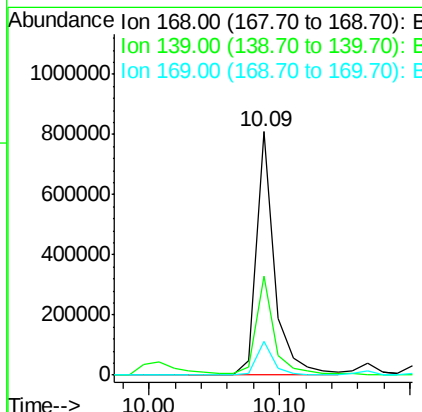
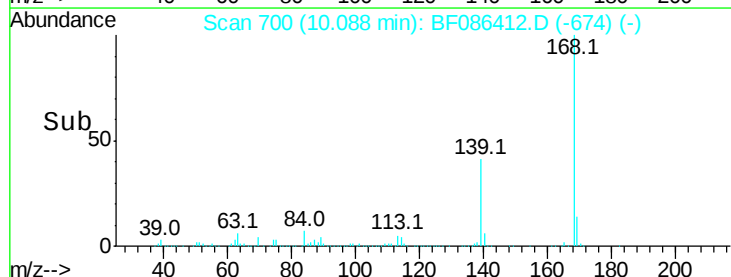
Lab File: BF086412.D

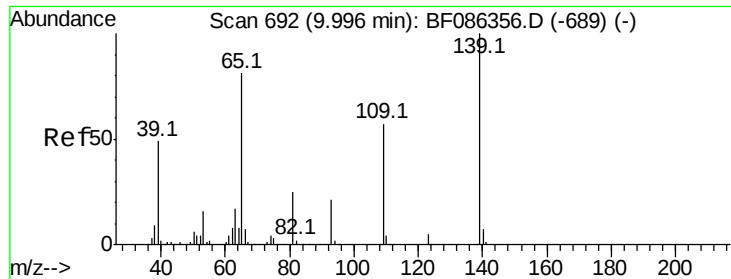
Acq: 24 Apr 2016 1:40

Tgt Ion:	168	Resp:	789176
Ion Ratio	Lower	Upper	
168	100		
139	40.5	31.4	47.0
169	13.7	10.7	16.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 25.10 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:139 Resp: 87097

Ion Ratio Lower Upper

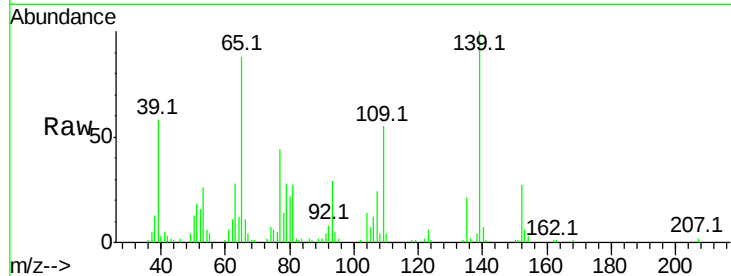
139 100

109 55.3 36.9 76.9

65 88.0 64.0 104.0

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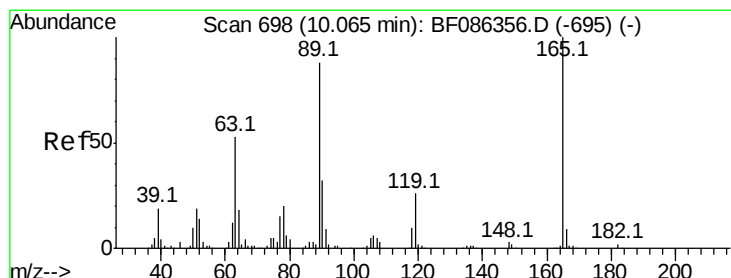
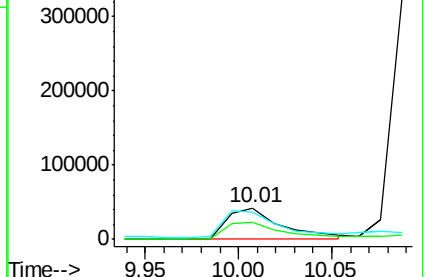
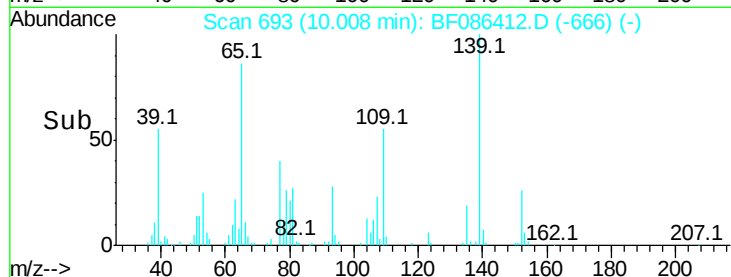
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 28.16 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Tgt Ion:165 Resp: 148119

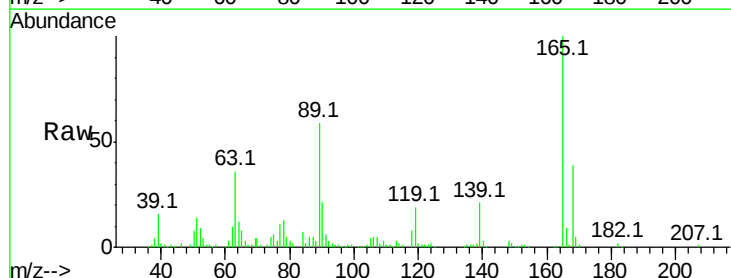
Ion Ratio Lower Upper

165 100

63 36.2 44.3 66.5#

89 59.0 70.0 105.0#

182 2.3 1.8 2.6

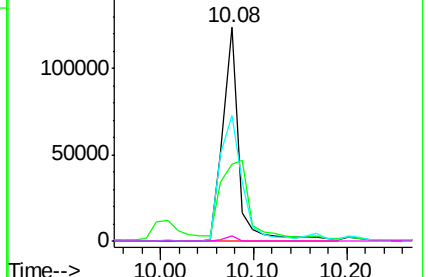
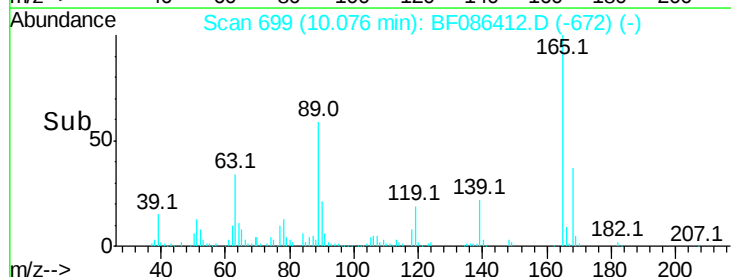


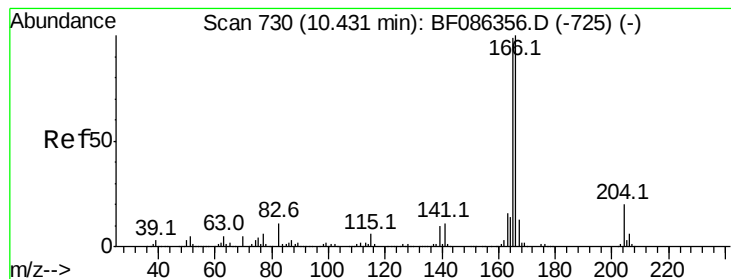
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.37 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 626969

Ion Ratio Lower Upper

166 100

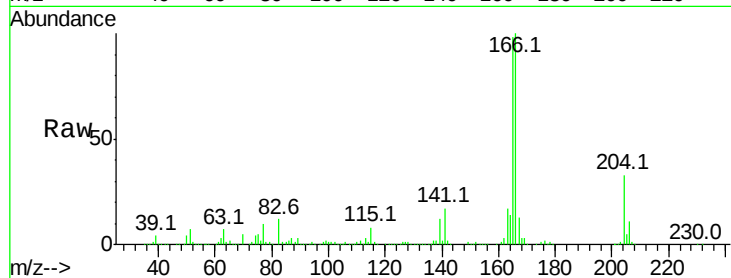
165 97.9 79.0 118.6

167 13.5 10.6 15.8

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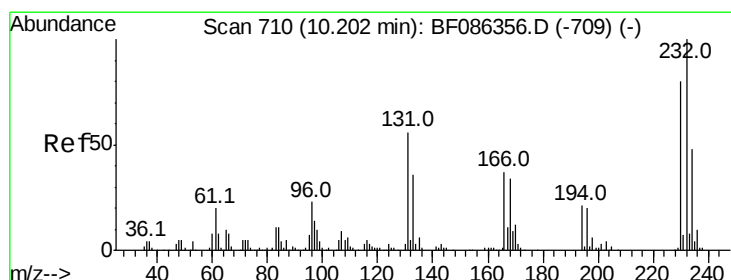
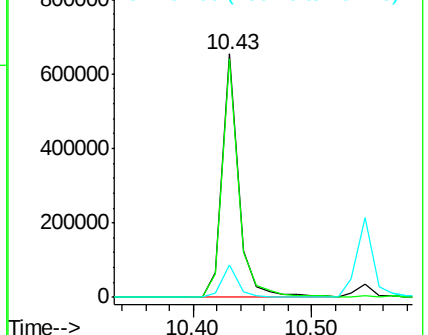
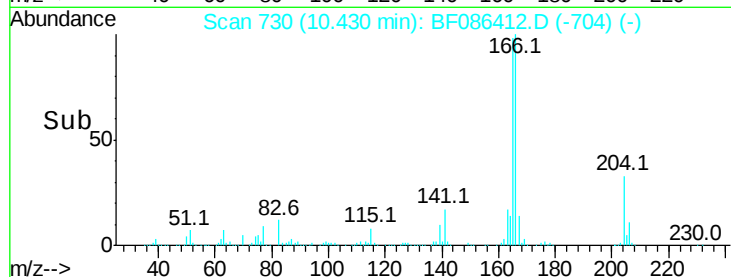
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.96 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Tgt Ion:232 Resp: 139368

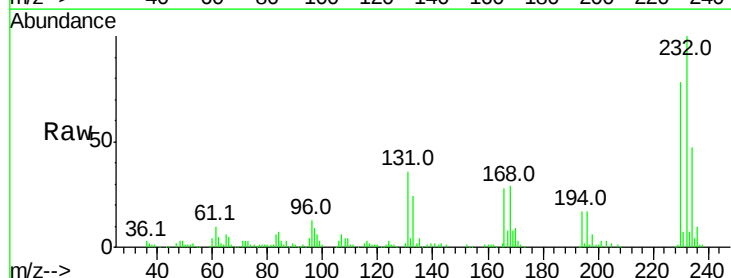
Ion Ratio Lower Upper

232 100

131 49.8 41.9 62.9

130 2.3 2.2 3.4

166 30.9 26.8 40.2

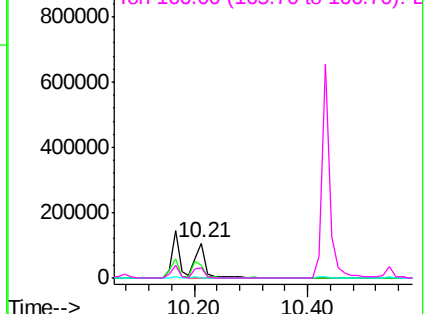
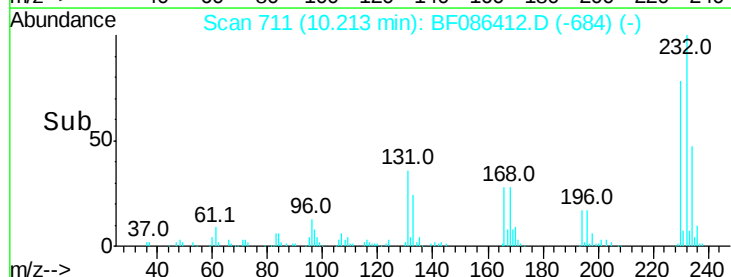


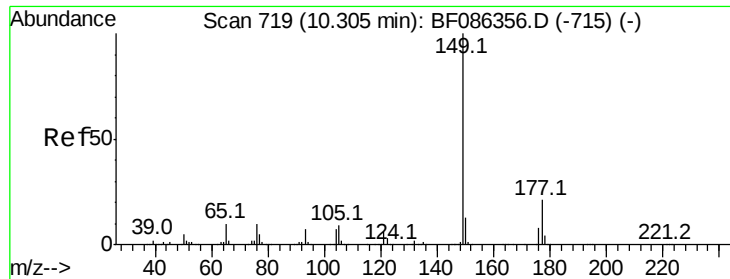
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





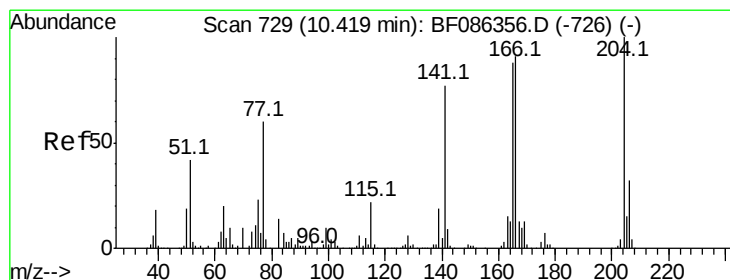
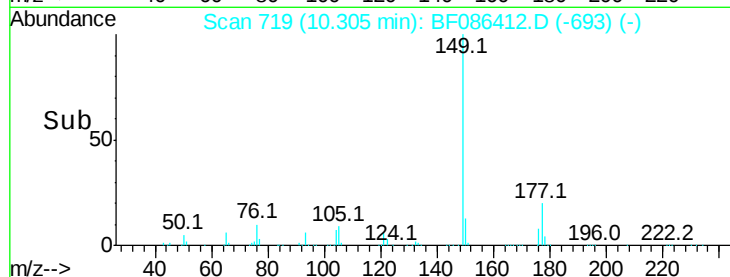
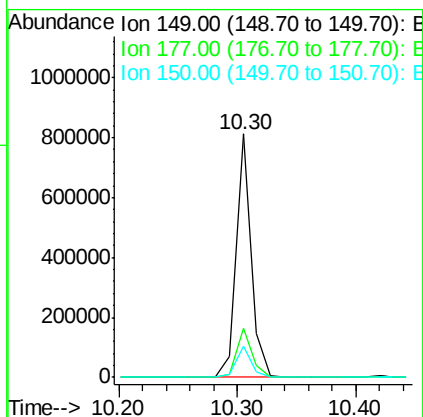
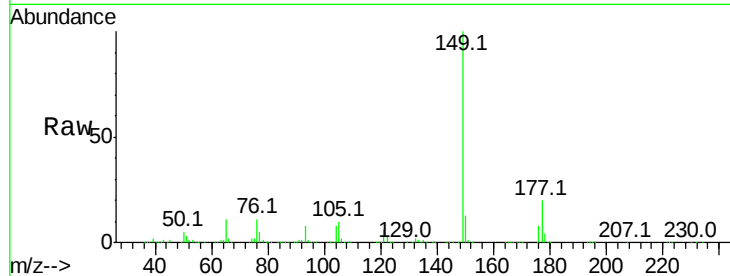
#59
Diethylphthalate
Concen: 40.86 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	717602		
177	19.9	16.6	24.8	
150	12.8	10.0	15.0	

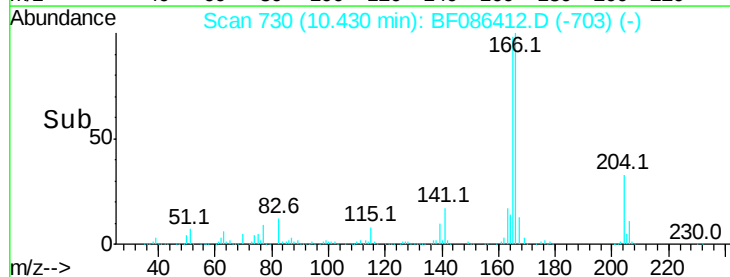
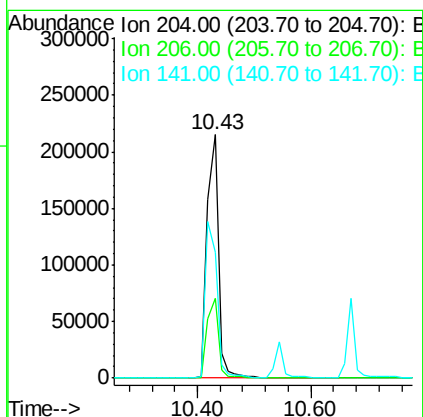
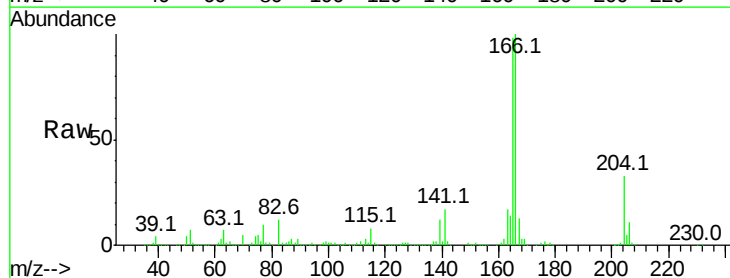
Manual Integrations
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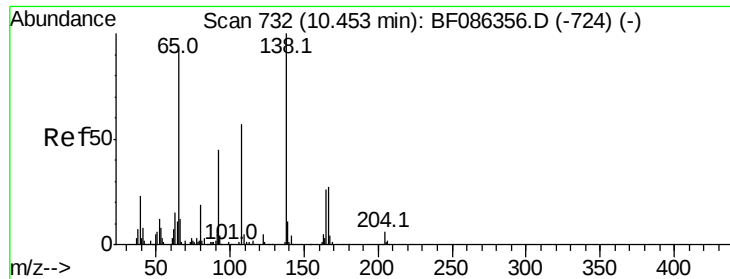
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#60
4-Chlorophenyl-phenylether
Concen: 40.16 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	287001		
206	33.0	25.4	38.0	
141	51.7	61.6	92.4#	





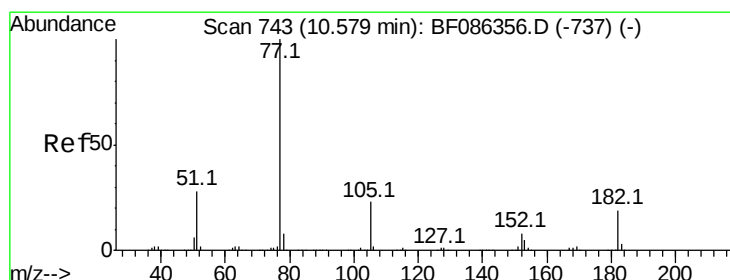
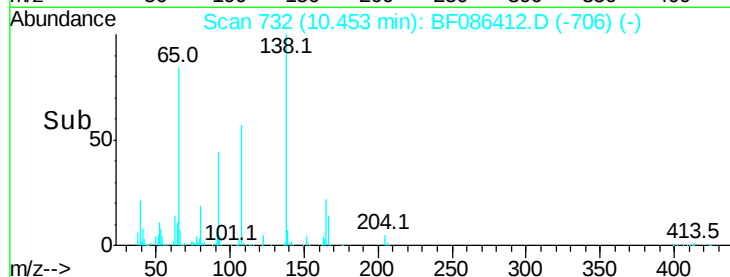
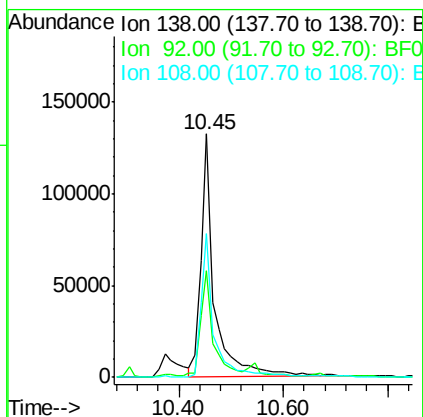
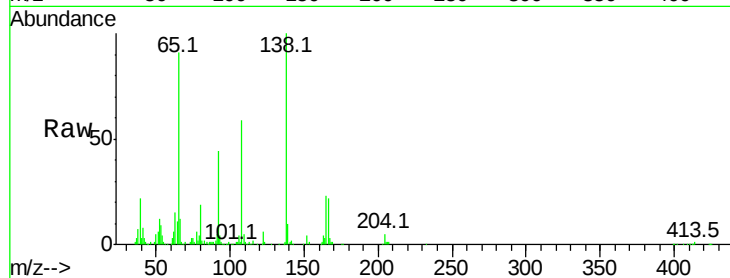
#61
4-Nitroaniline
Concen: 46.13 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	44.0	24.7	64.7	
108	59.2	37.4	77.4	

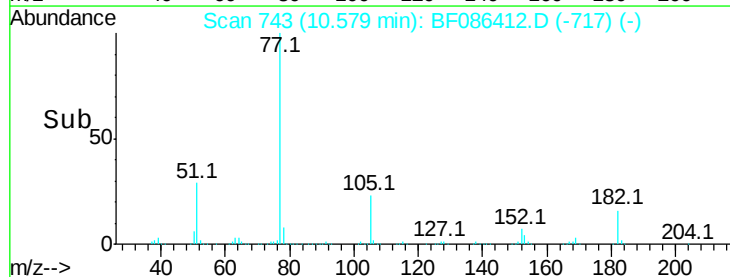
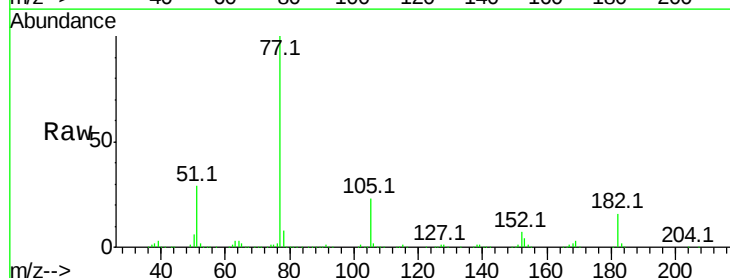
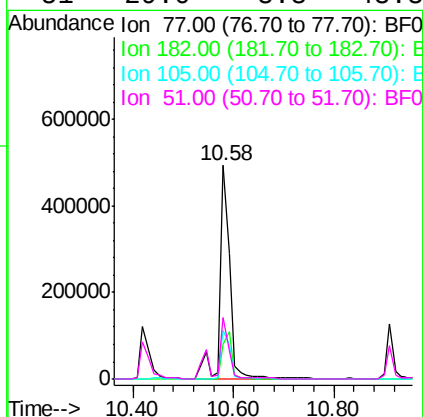
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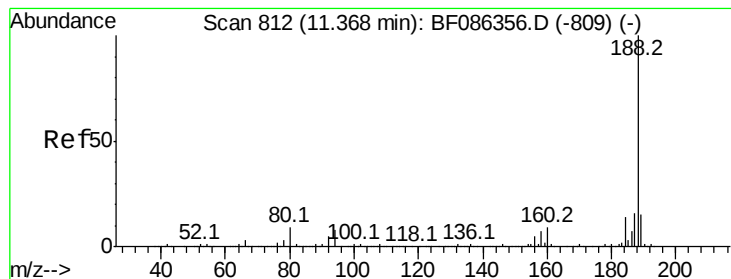
sohil
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#62
Azobenzene
Concen: 36.50 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	16.0	0.0	38.8	
105	22.7	3.2	43.2	
51	29.0	8.8	48.8	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

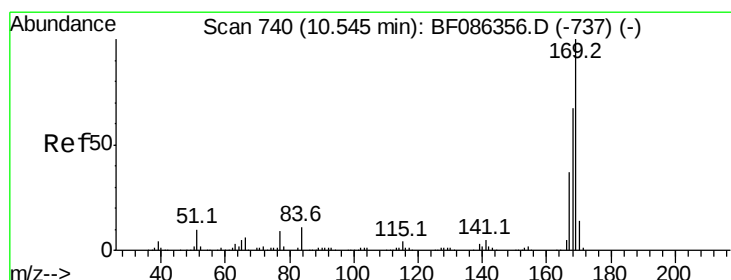
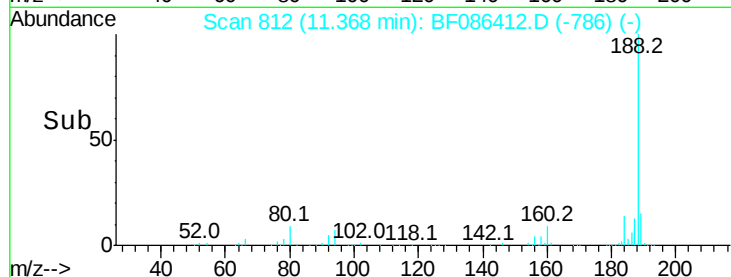
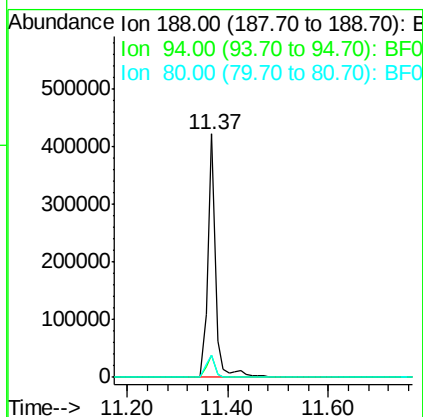
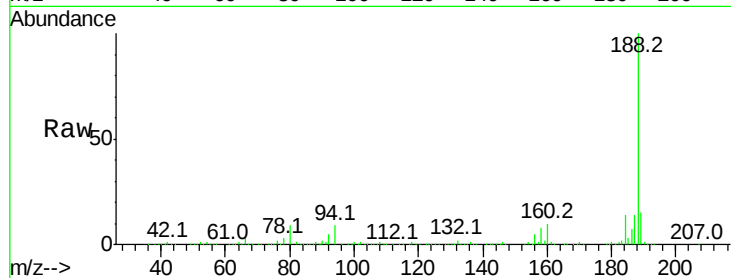
ClientSampleId :

SSTDCCC040EC

Tot Ion:	188	Resp:	453855
Ion Ratio	Lower	Upper	
188	100		
94	9.3	6.8	10.2
80	9.3	7.1	10.7

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#65

n-Nitrosodiphenylamine

Concen: 41.81 ng

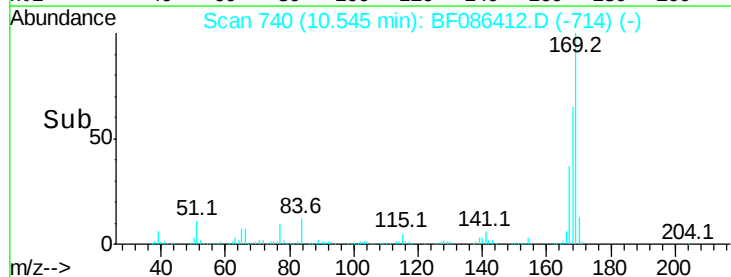
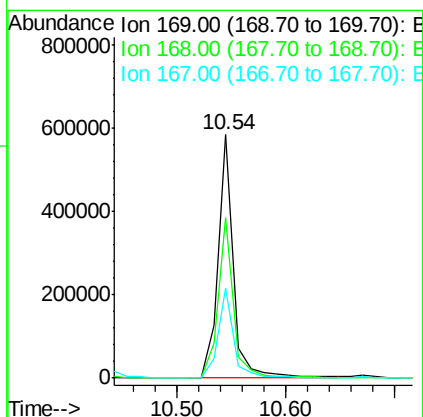
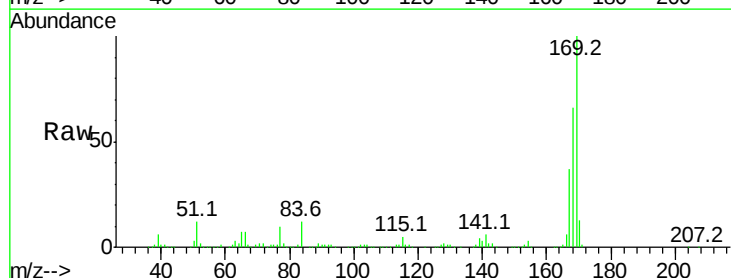
RT: 10.54 min Scan# 740

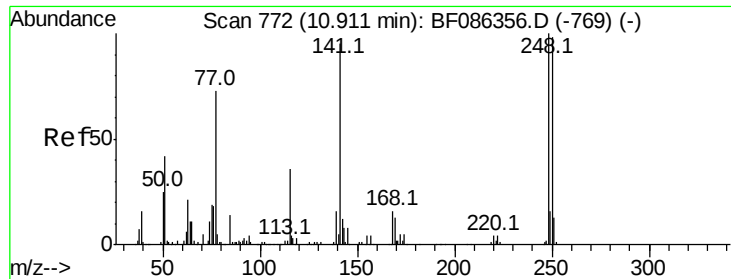
Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Tgt Ion:	169	Resp:	585127
Ion Ratio	Lower	Upper	
169	100		
168	65.8	53.8	80.6
167	36.9	29.5	44.3





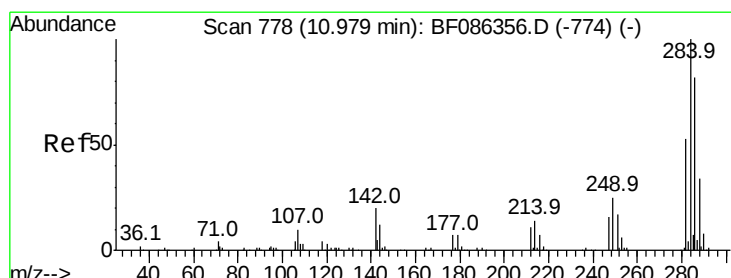
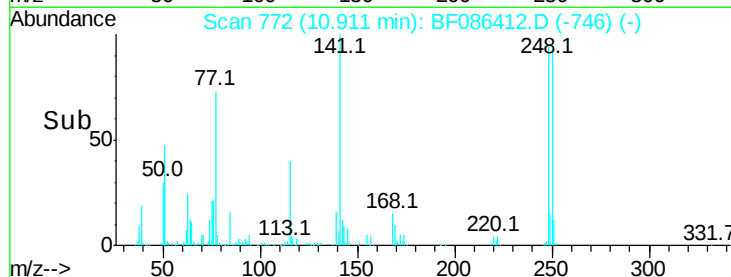
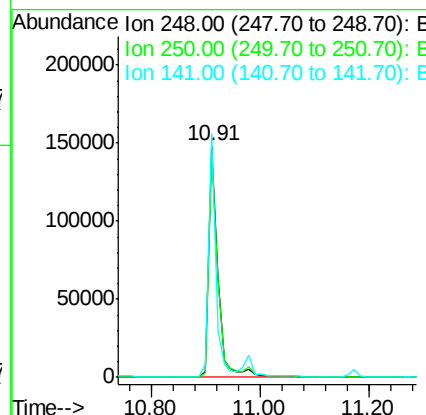
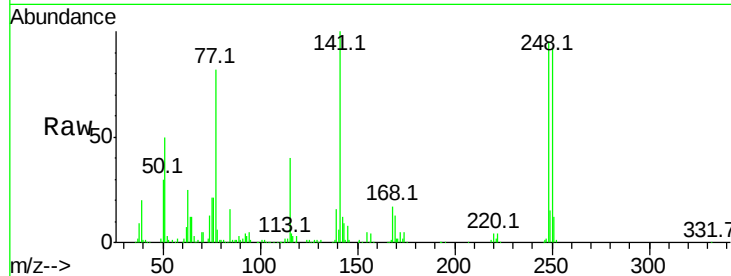
#66
4-Bromophenyl-phenylether
Concen: 39.51 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	78.6	117.8
141	105.3	76.0	114.0

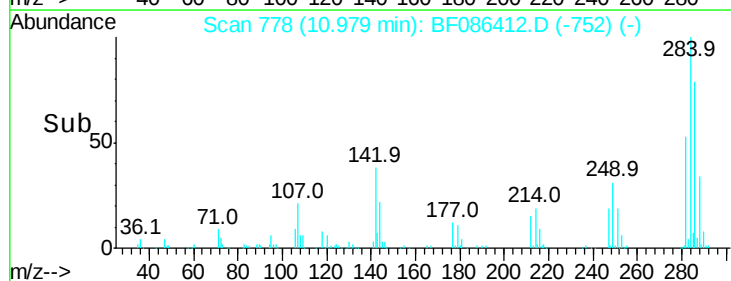
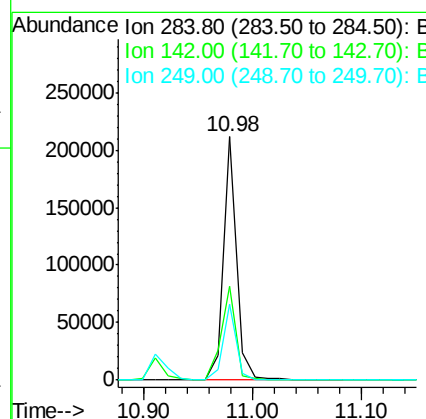
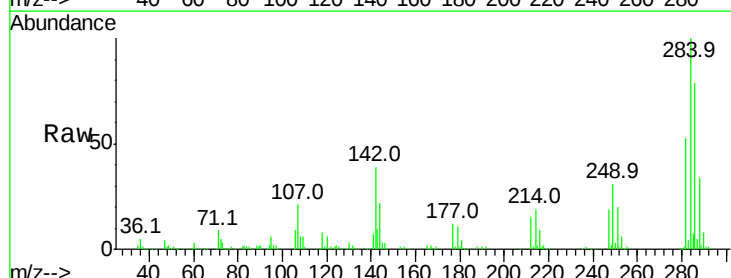
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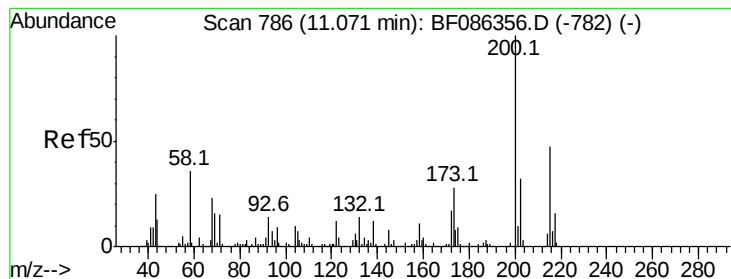
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#67
Hexachlorobenzene
Concen: 38.13 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.5	16.7	25.1#
249	31.0	21.3	31.9





#68

Atrazine

Concen: 31.55 ng

RT: 11.07 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

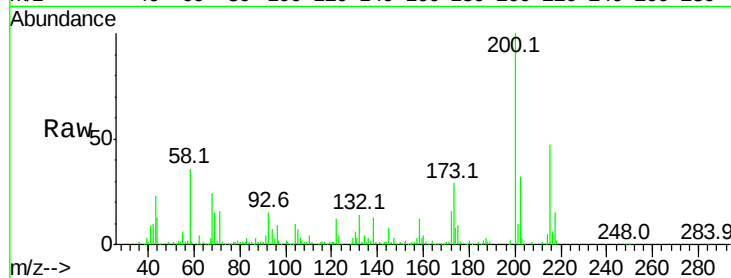
ClientSampleId :

SSTDCCC040EC

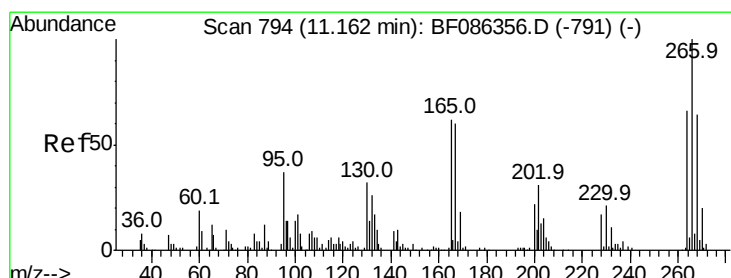
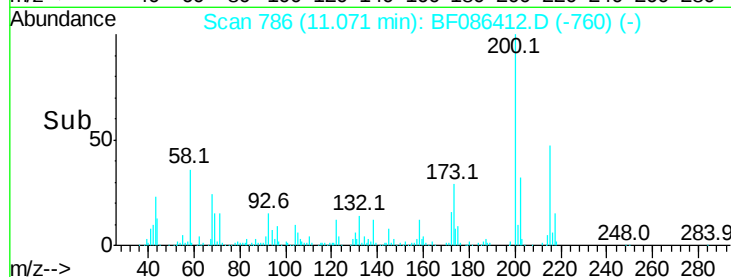
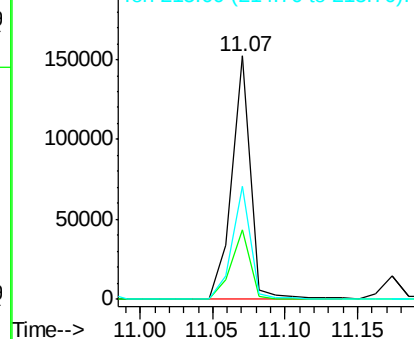
Tot Ion:	200	Resp:	136342
Ion Ratio	Lower	Upper	
200	100		
173	28.6	8.5	48.5
215	46.7	27.2	67.2

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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: 30.38 ng

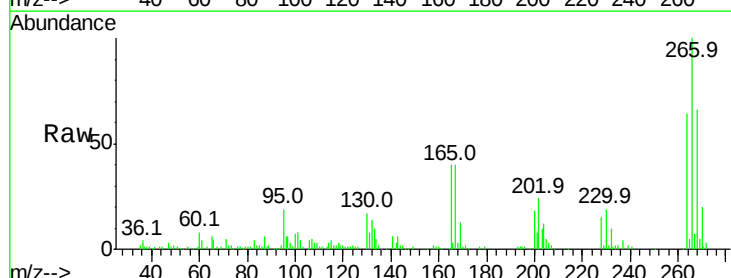
RT: 11.17 min Scan# 795

Delta R.T. 0.01 min

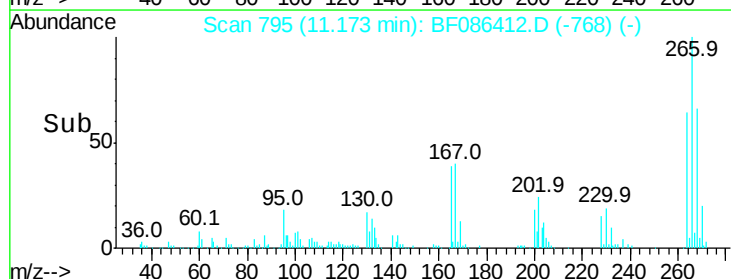
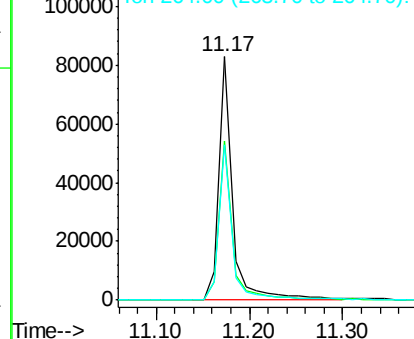
Lab File: BF086412.D

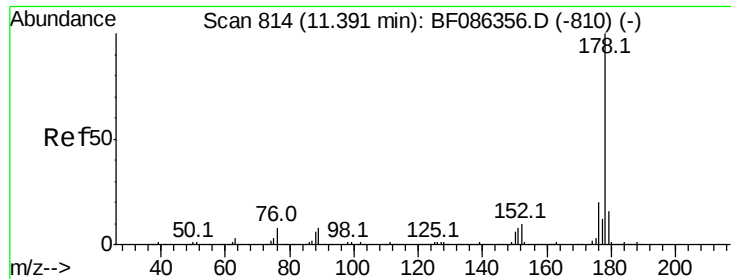
Acq: 24 Apr 2016 1:40

Tgt Ion:	266	Resp:	84589
Ion Ratio	Lower	Upper	
266	100		
268	65.6	51.5	77.3
264	63.6	52.9	79.3



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





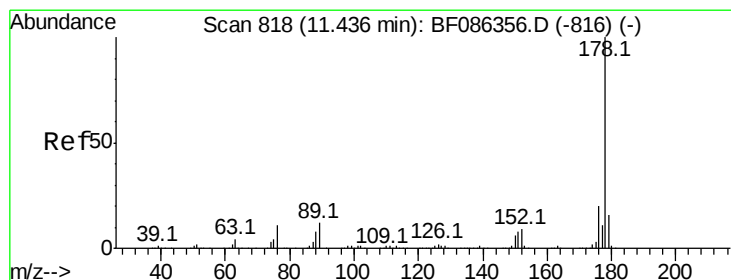
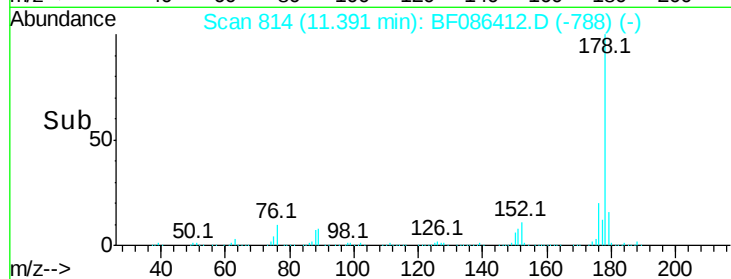
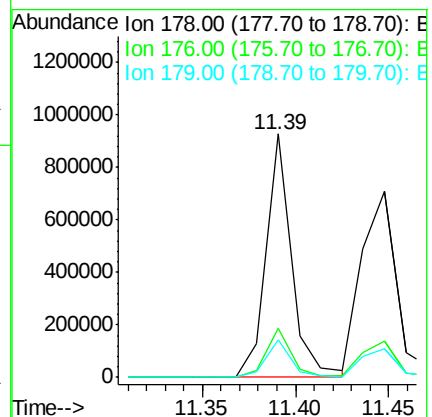
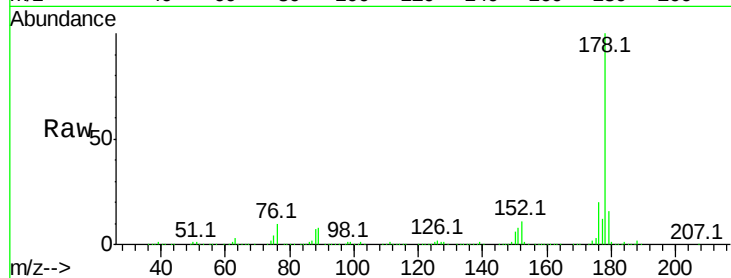
#70
Phenanthrene
Concen: 38.48 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	15.6	12.6	18.8

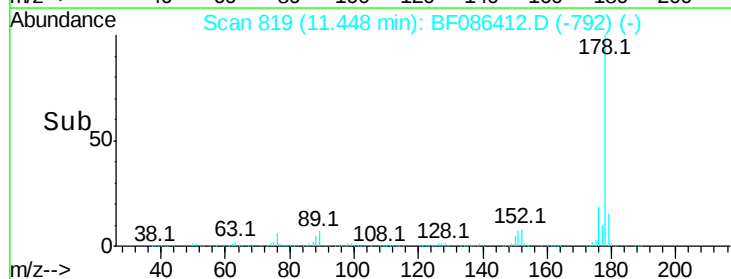
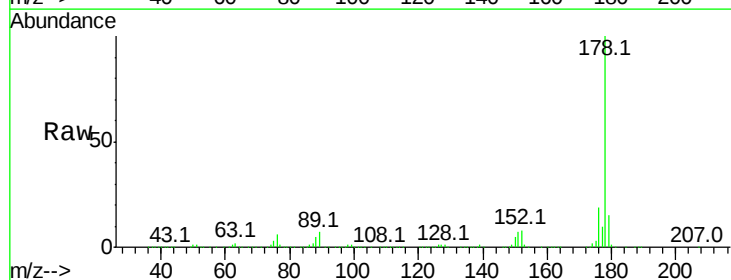
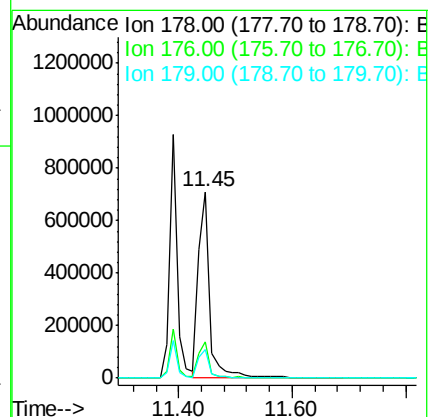
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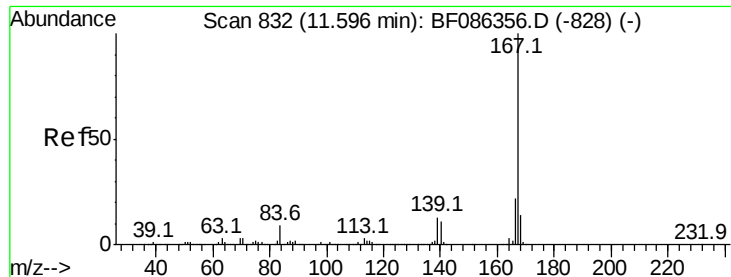
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#71
Anthracene
Concen: 38.20 ng
RT: 11.45 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.4	12.7	19.1





#72

Carbazole

Concen: 37.63 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

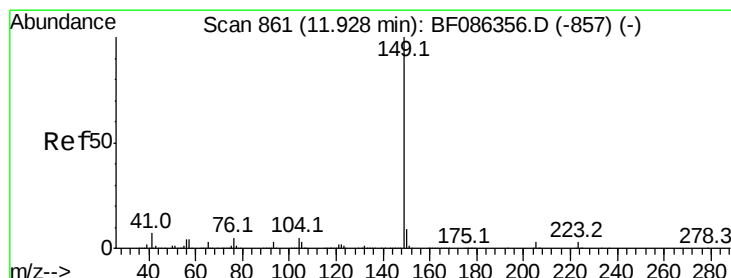
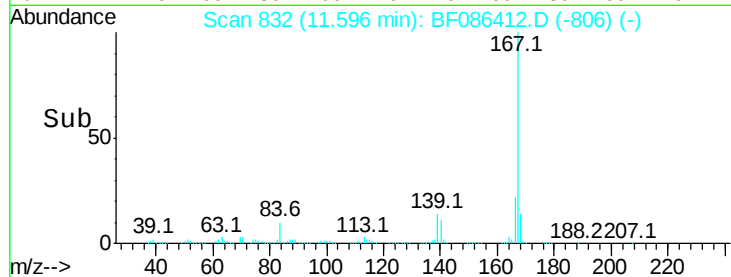
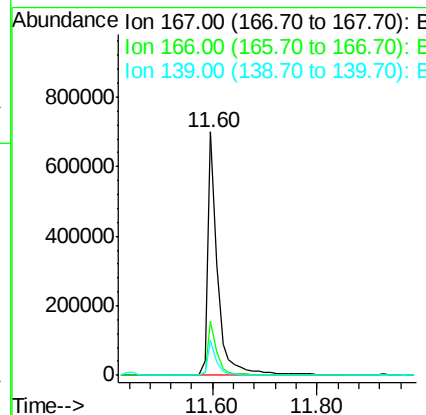
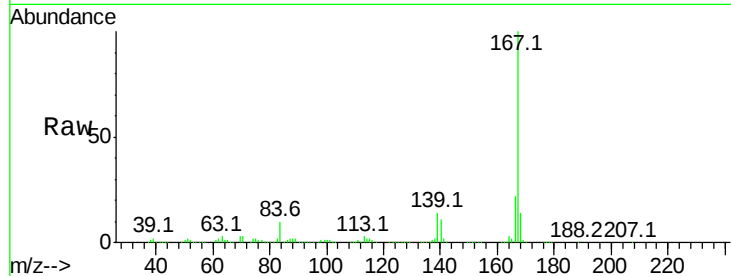
ClientSampleId :

SSTDCCC040EC

Tot Ion:	167	Resp:	923516
Ion Ratio	Lower	Upper	
167	100		
166	22.4	17.7	26.5
139	14.3	10.8	16.2

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#73

Di-n-butylphthalate

Concen: 41.09 ng

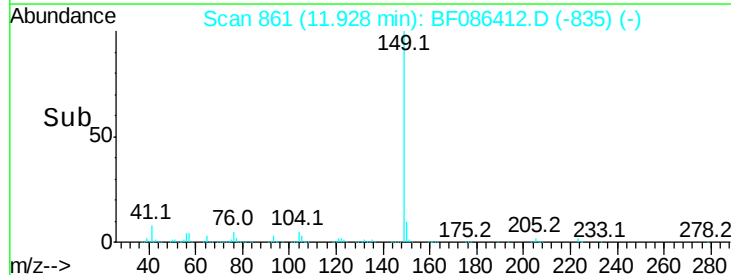
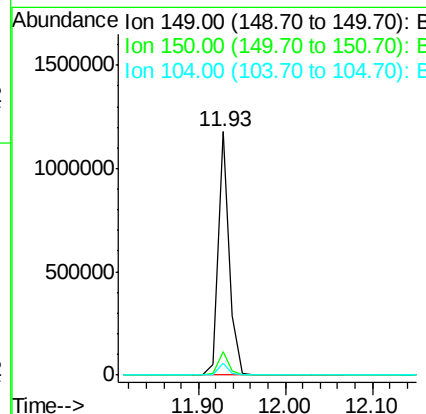
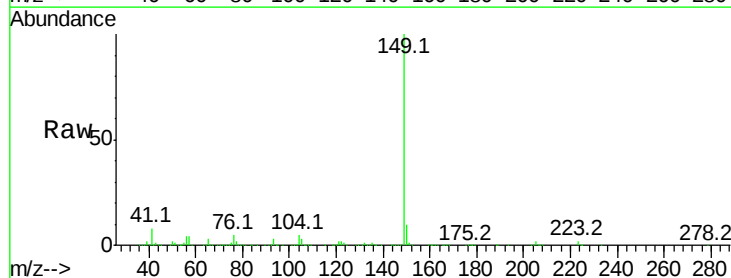
RT: 11.93 min Scan# 861

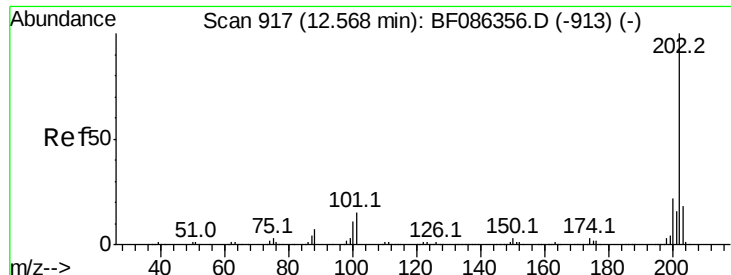
Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Tgt Ion:	149	Resp:	1060867
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.6	11.4
104	4.9	3.8	5.6





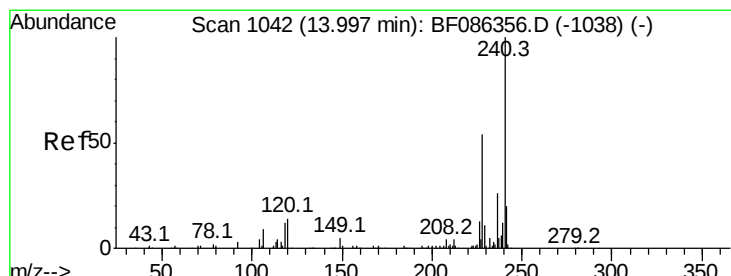
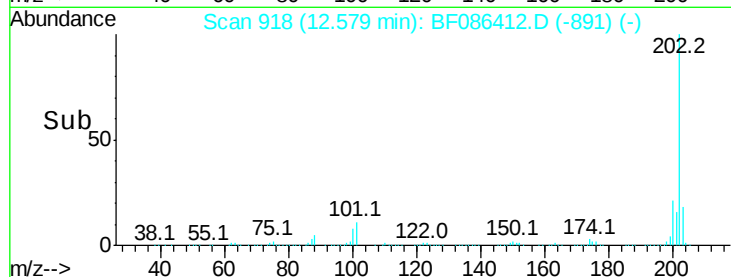
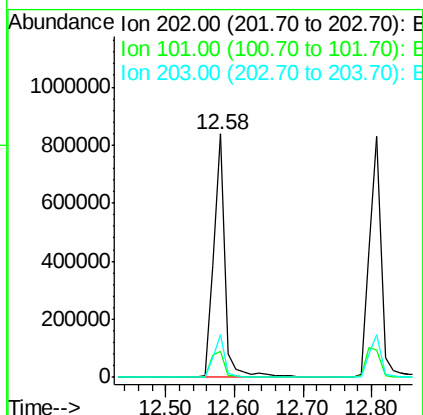
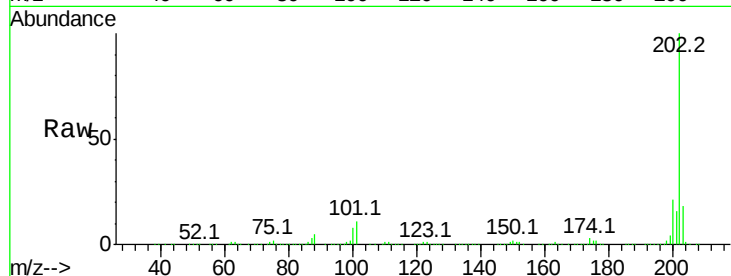
#74
Fluoranthene
 Concen: 39.62 ng
 RT: 12.58 min Scan# 918
 Delta R.T. 0.01 min
 Lab File: BF086412.D
 Acq: 24 Apr 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	0.0	35.4
203	17.6	0.0	38.1

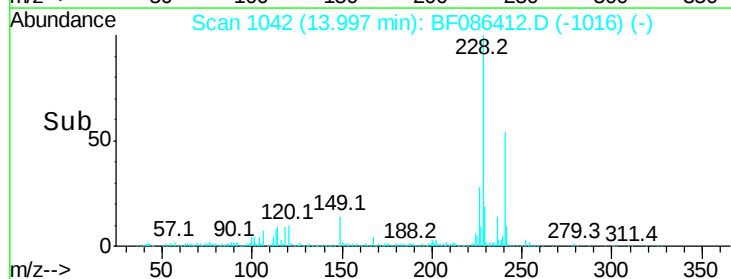
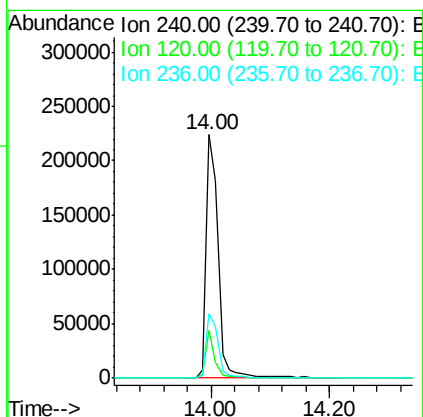
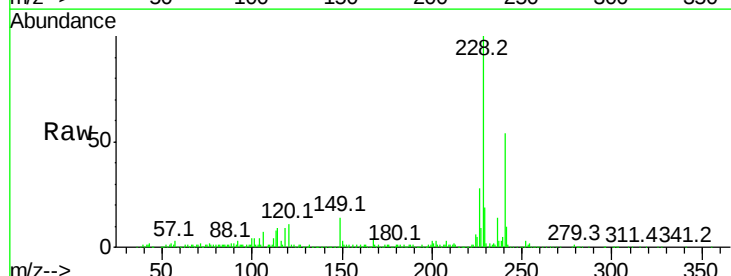
Manual Integrations
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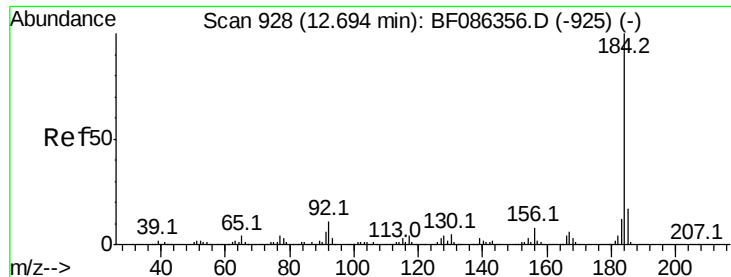
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF086412.D
 Acq: 24 Apr 2016 1:40

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	19.7	11.2	16.8#
236	26.4	21.2	31.8





#76

Benzidine

Concen: 49.79 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

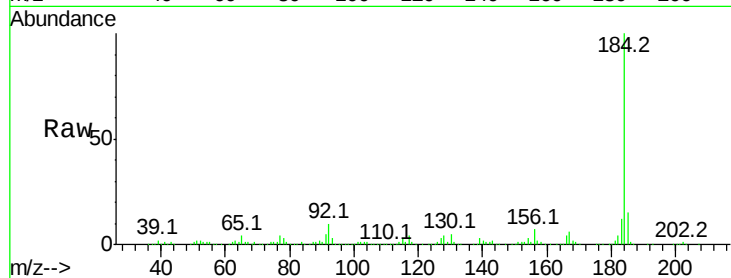
ClientSampleId :

SSTDCCC040EC

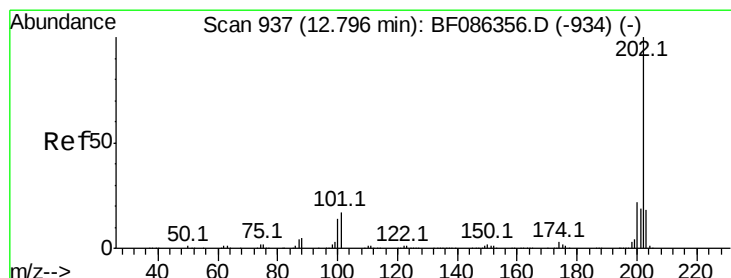
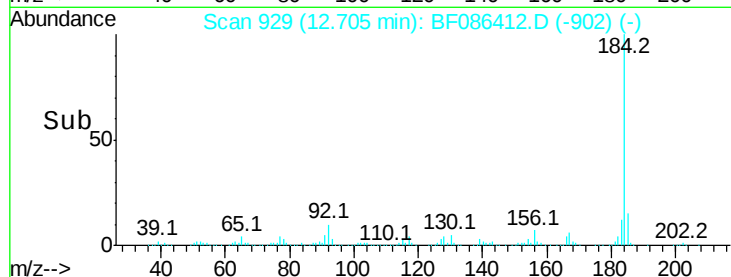
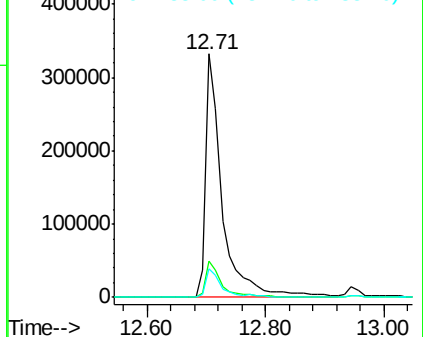
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.0	13.6	20.4	
183	11.7	9.8	14.6	

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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

Pyrene

Concen: 42.97 ng

RT: 12.81 min Scan# 938

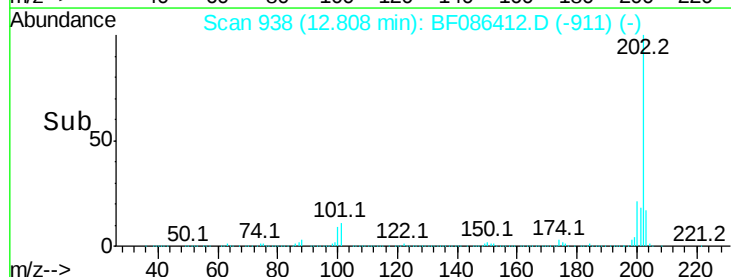
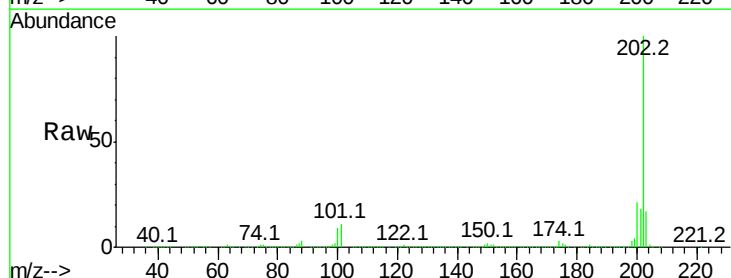
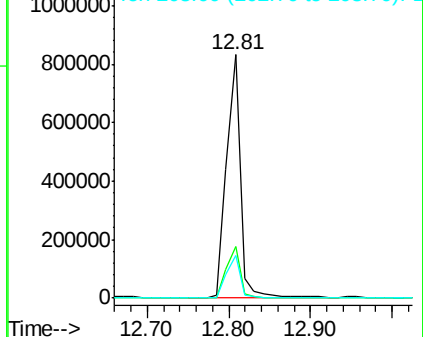
Delta R.T. 0.01 min

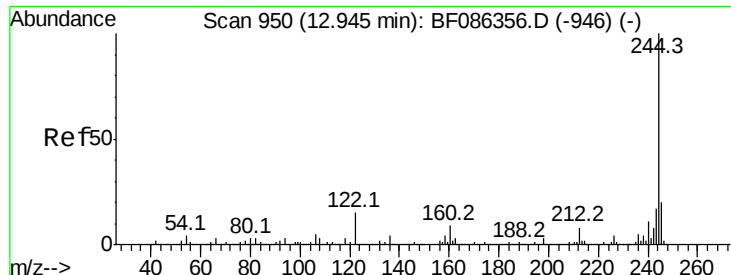
Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.4	17.7	26.5	
203	17.5	14.2	21.4	

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: 90.24 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 1167144

Ion Ratio Lower Upper

244 100

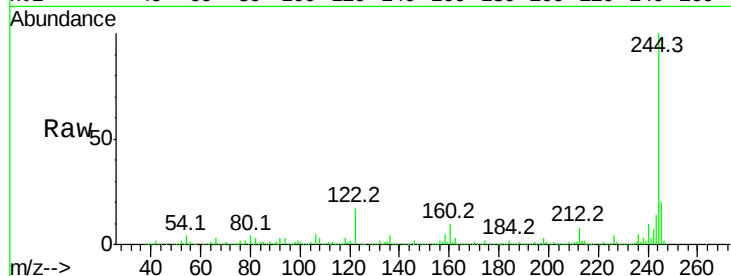
212 7.6 6.2 9.2

122 17.1 12.0 18.0

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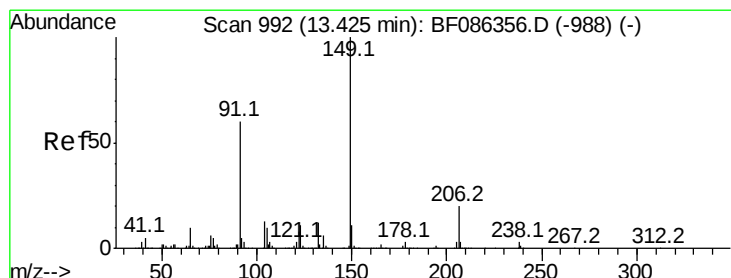
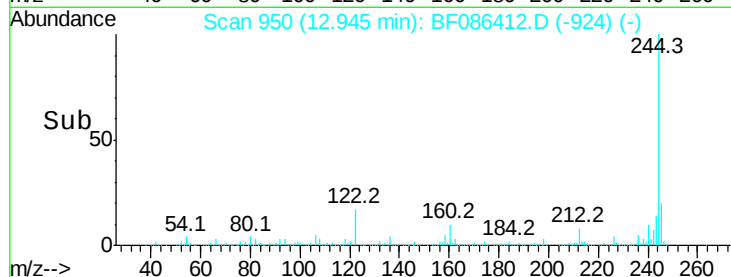
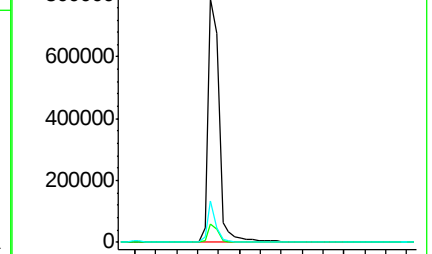
4/25/2016 12:36:19 PM



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: 46.84 ng

RT: 13.43 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

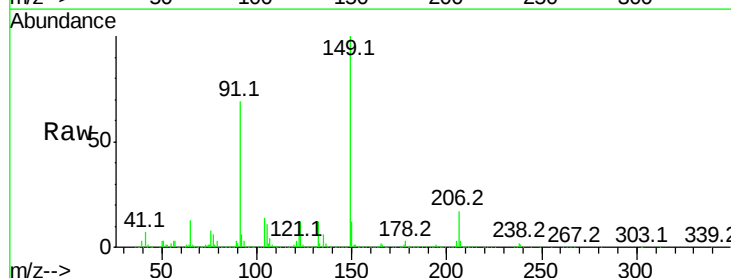
Tgt Ion:149 Resp: 489118

Ion Ratio Lower Upper

149 100

91 68.6 48.0 72.0

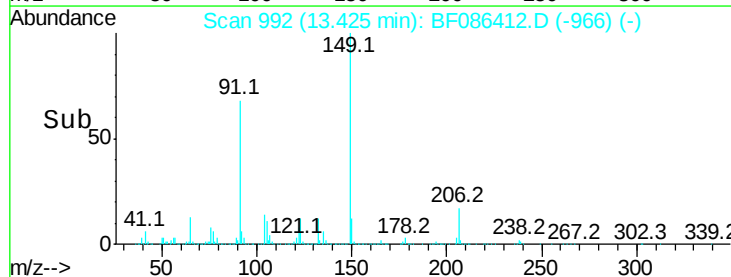
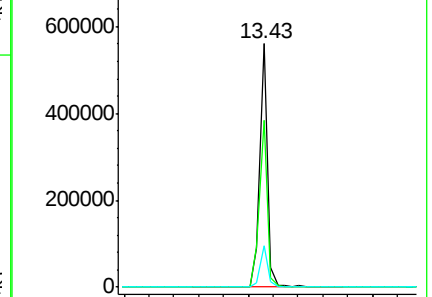
206 17.2 15.8 23.6

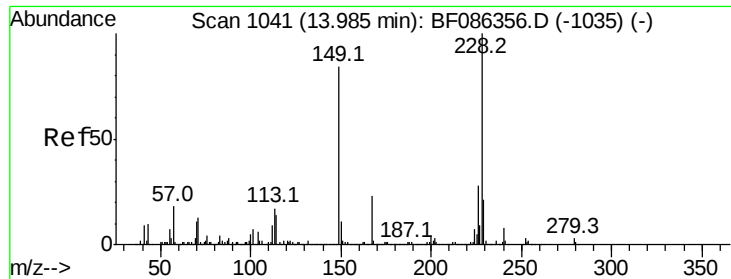


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





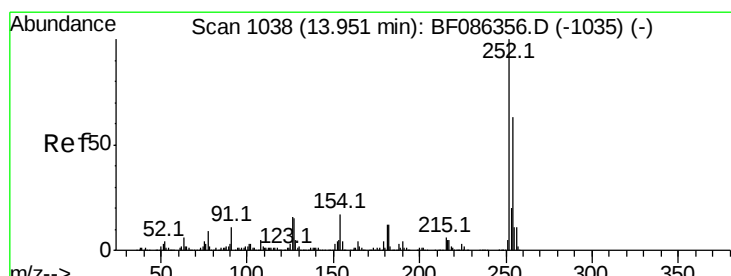
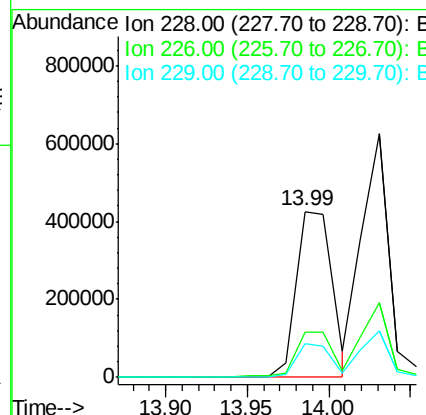
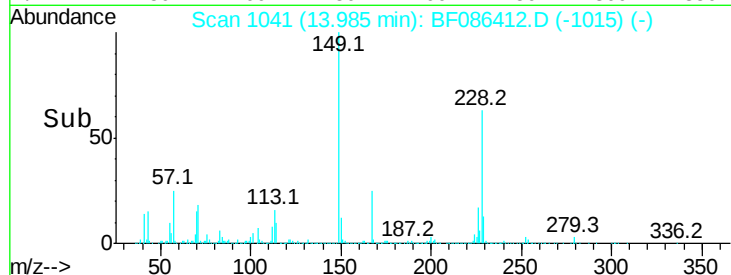
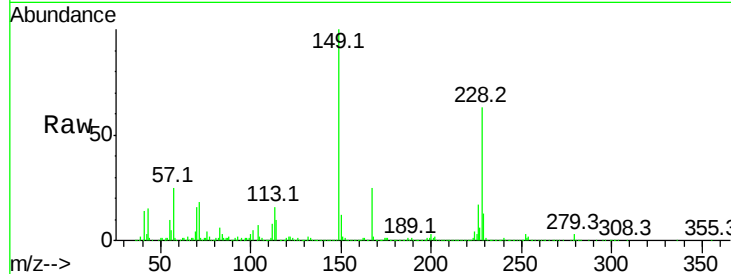
#80
 Benzo(a)anthracene
 Concen: 38.90 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF086412.D
 Acq: 24 Apr 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	228	Resp:	648881
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.5	33.7
229	20.3	16.6	25.0

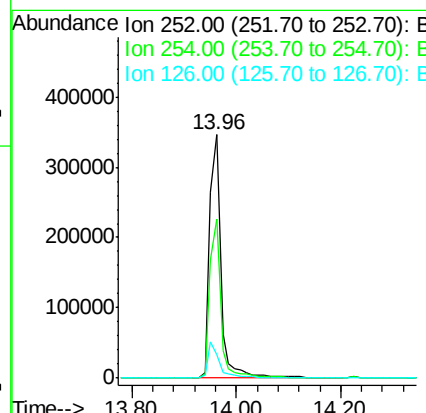
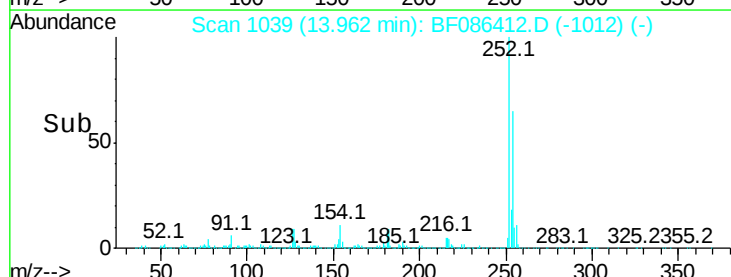
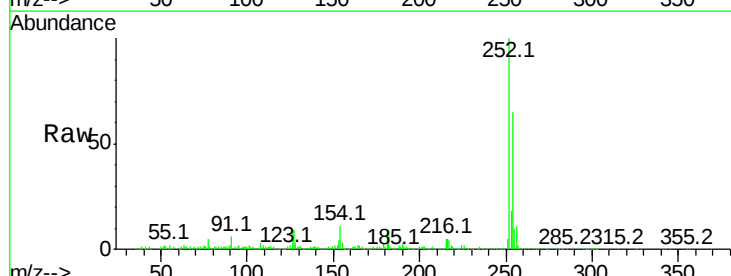
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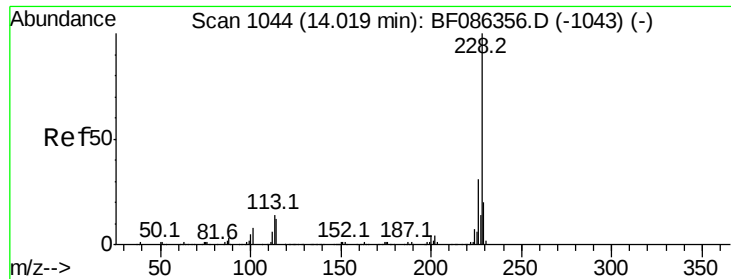
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#81
 3,3'-Dichlorobenzidine
 Concen: 46.01 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: BF086412.D
 Acq: 24 Apr 2016 1:40

Tgt Ion:	252	Resp:	529403
Ion Ratio	Lower	Upper	
252	100		
254	65.4	50.7	76.1
126	9.5	12.7	19.1#





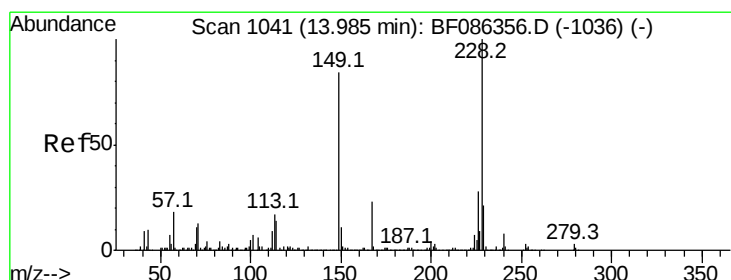
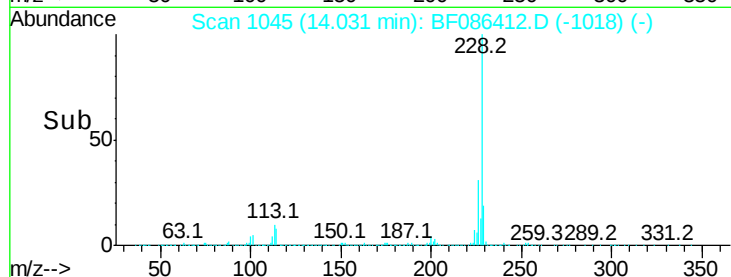
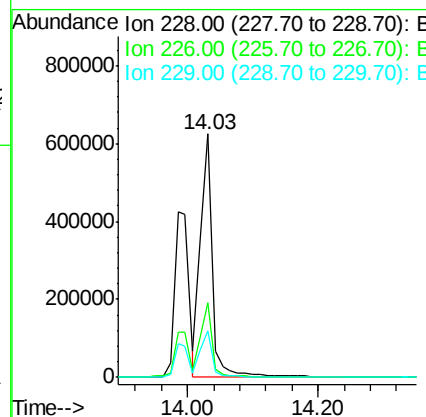
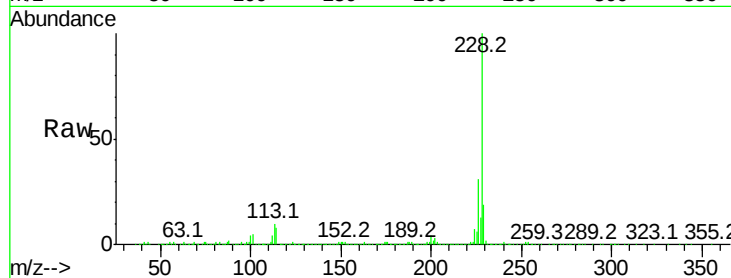
#82
Chrysene
Concen: 41.50 ng
RT: 14.03 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	19.3	15.8	23.8

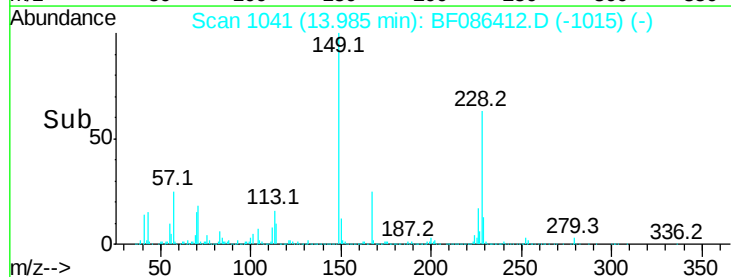
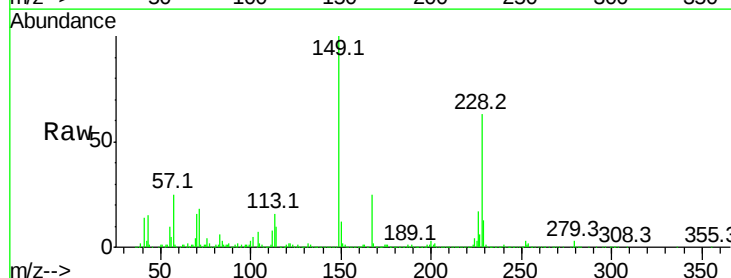
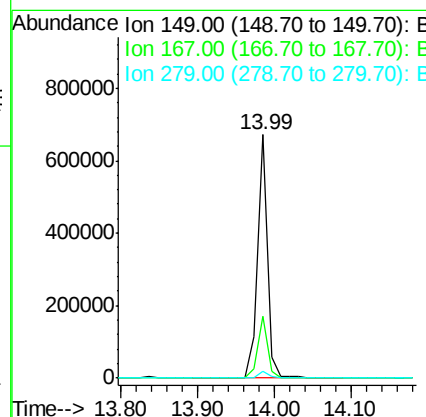
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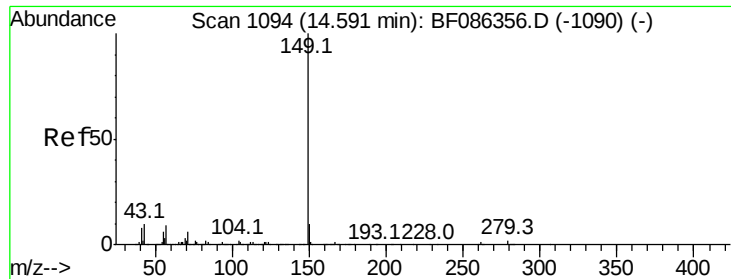
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#83
Bis(2-ethylhexyl)phthalate
Concen: 50.08 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.8	32.6
279	2.6	2.6	4.0#





#84

Di-n-octyl phthalate

Concen: 44.54 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

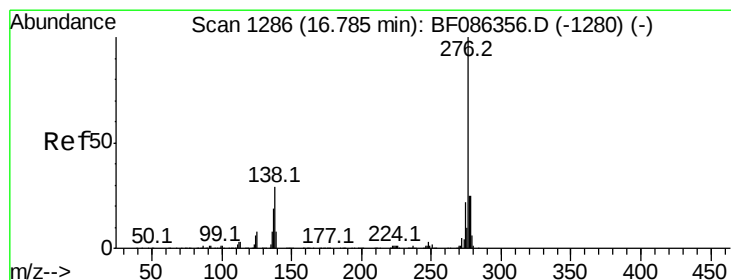
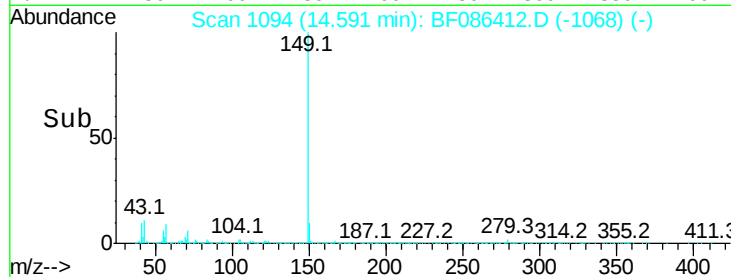
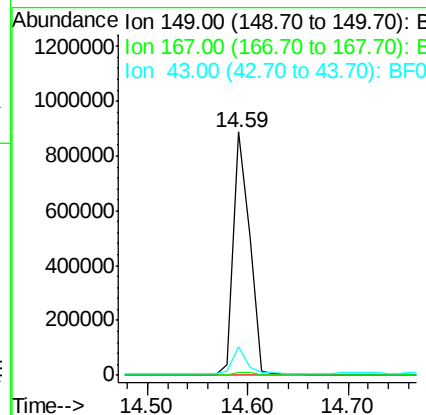
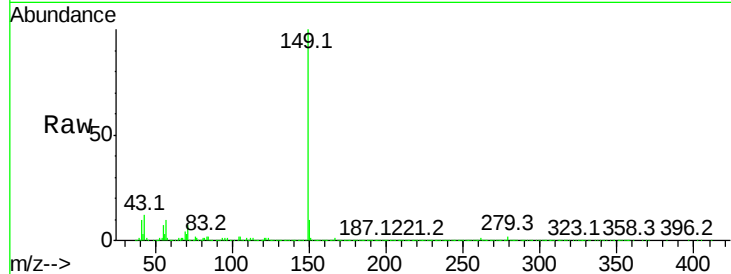
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	999801
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	9.5	8.2	12.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 33.66 ng

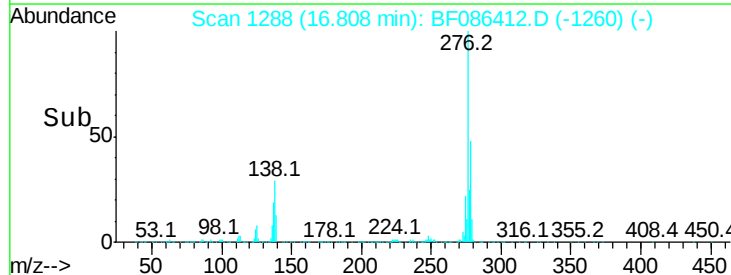
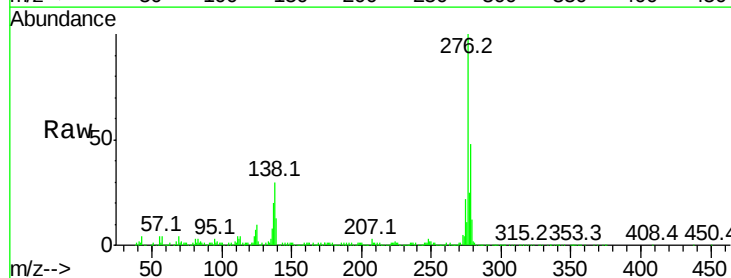
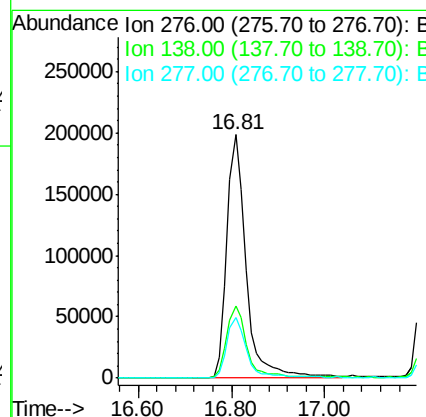
RT: 16.81 min Scan# 1288

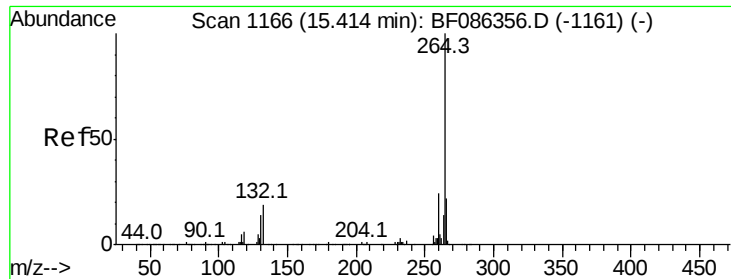
Delta R.T. 0.02 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Tgt Ion:	276	Resp:	562464
Ion Ratio	Lower	Upper	
276	100		
138	30.6	25.6	38.4
277	25.3	20.5	30.7





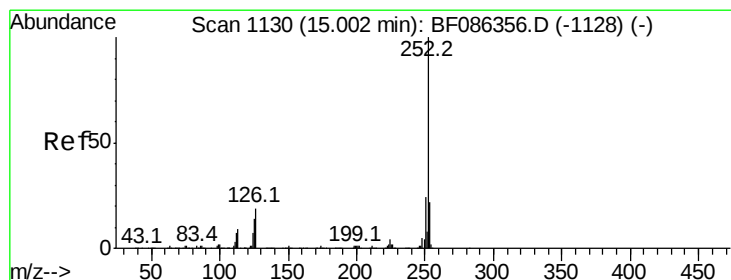
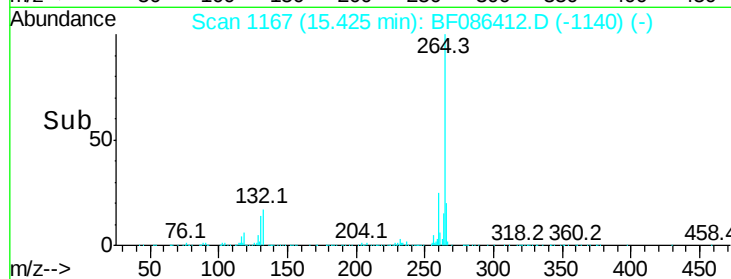
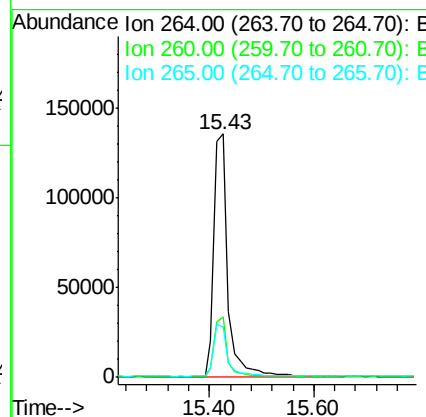
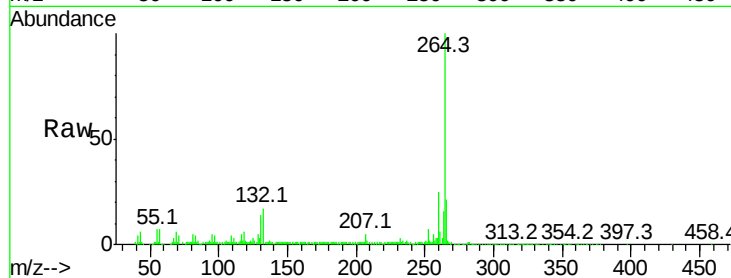
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	20.9	17.3	25.9

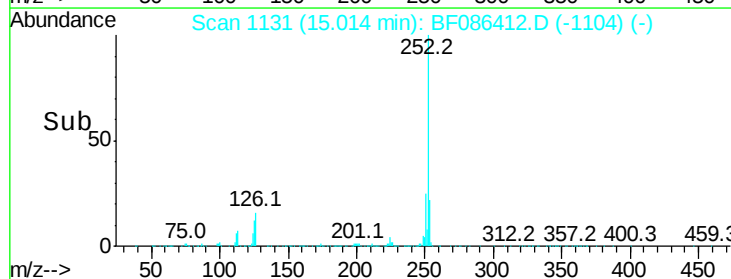
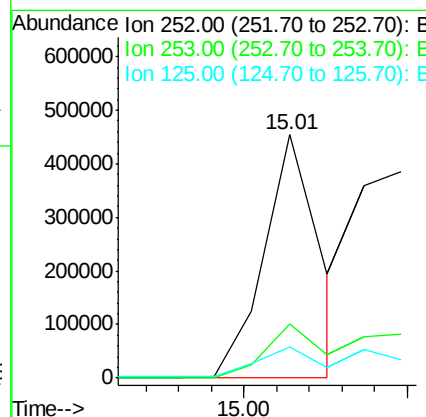
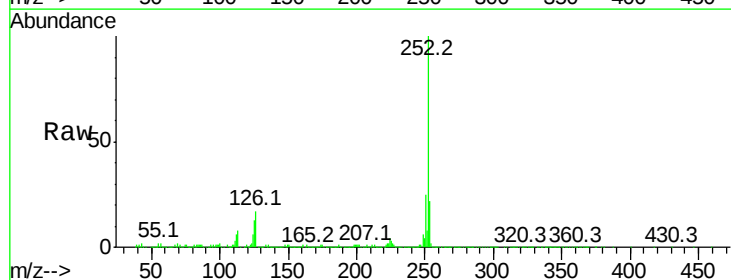
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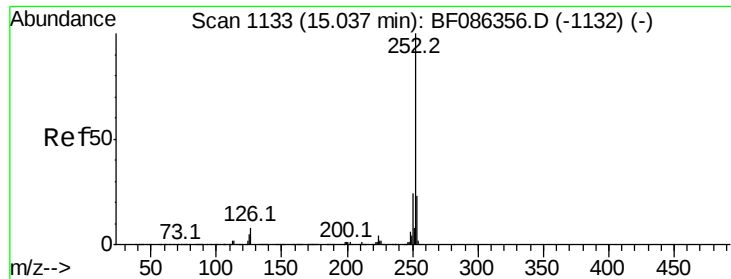
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#87
Benzo(b)fluoranthene
Concen: 38.73 ng m
RT: 15.01 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	12.7	11.4	17.0





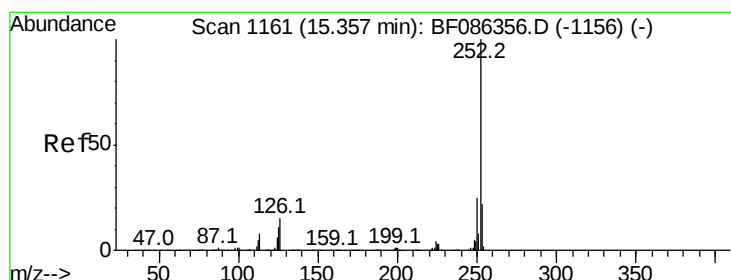
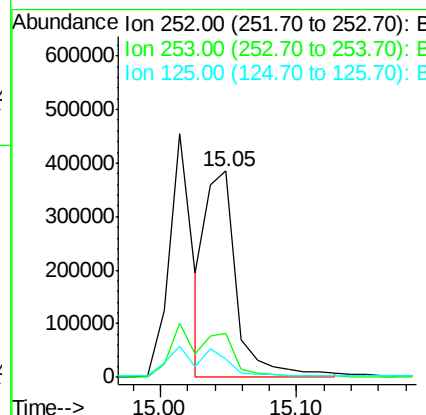
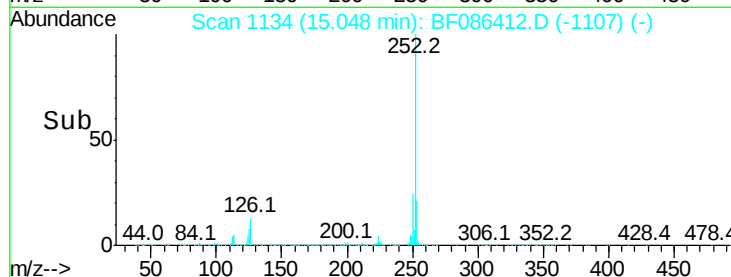
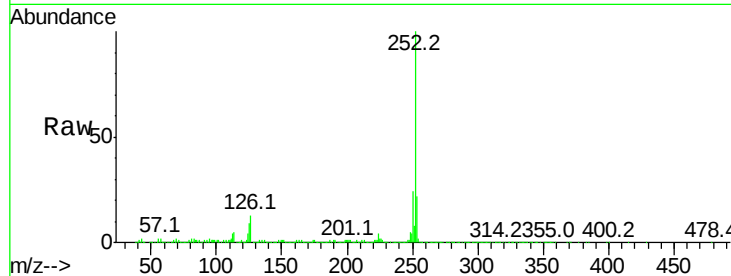
#88
Benzo(k)fluoranthene
Concen: 46.18 ng/mL
RT: 15.05 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	9.0	9.1	13.7

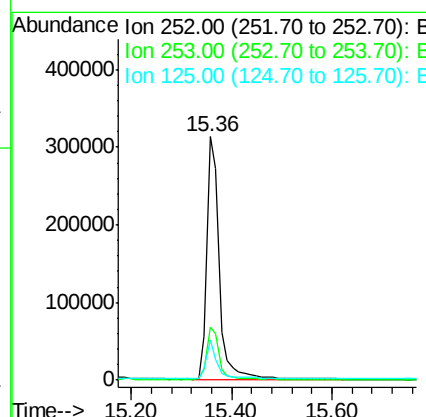
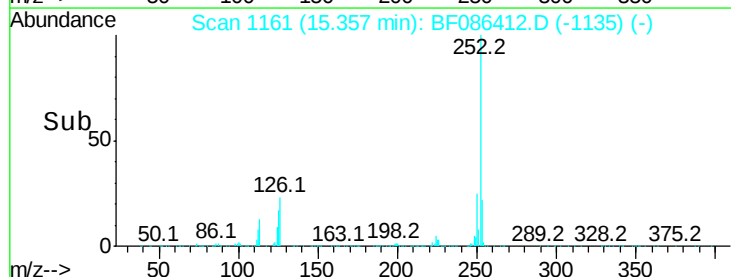
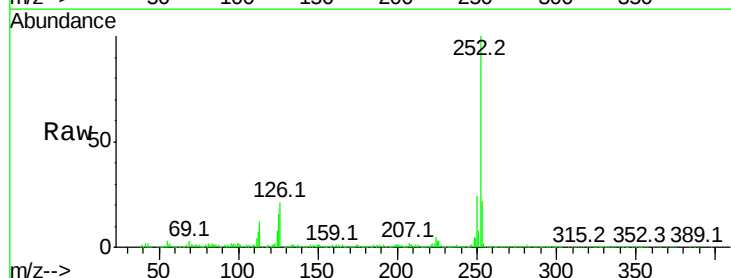
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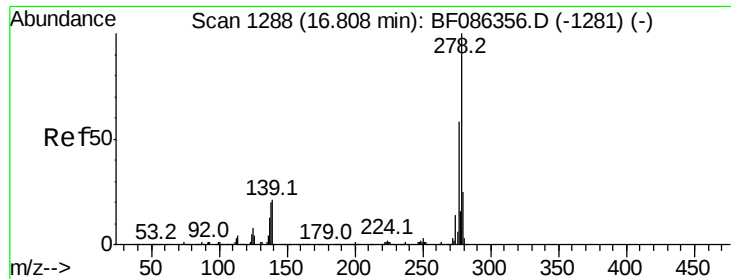
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#89
Benzo(a)pyrene
Concen: 39.59 ng/mL
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF086412.D
Acq: 24 Apr 2016 1:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	16.2	9.0	13.6





#90

Dibenzo(a,h)anthracene

Concen: 42.25 ng

RT: 16.82 min Scan# 1289

Delta R.T. 0.01 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Instrument :

BNA_F

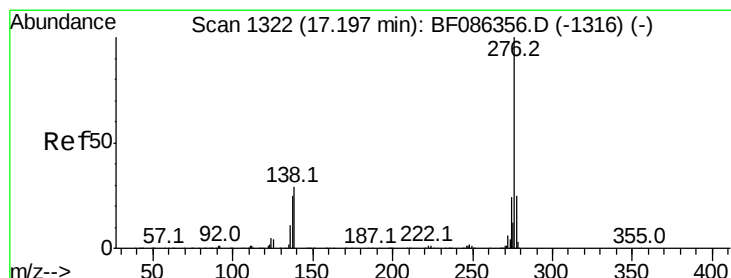
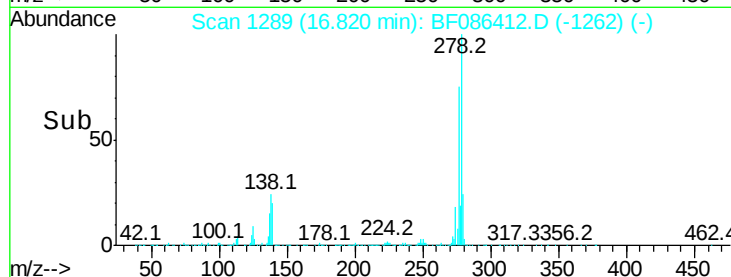
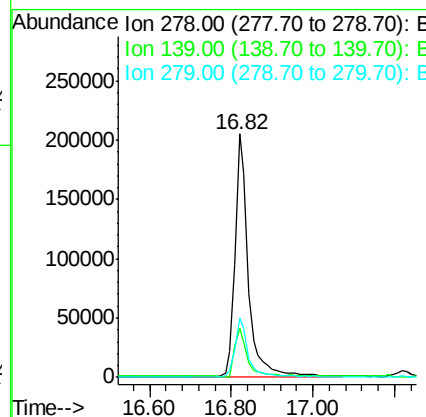
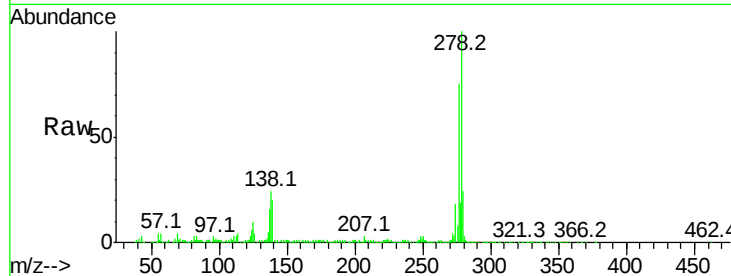
ClientSampleId :

SSTDCCC040EC

Tot Ion:	278	Resp:	473801
Ion Ratio	Lower	Upper	
278	100		
139	20.2	16.6	24.8
279	24.1	19.6	29.4

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#91

Benzo(g,h,i)perylene

Concen: 38.51 ng

RT: 17.22 min Scan# 1324

Delta R.T. 0.02 min

Lab File: BF086412.D

Acq: 24 Apr 2016 1:40

Tgt Ion:	276	Resp:	445769
Ion Ratio	Lower	Upper	
276	100		
277	24.9	19.6	29.4
138	28.3	23.6	35.4

