

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087040.D
 Acq On : 15 May 2016 1:02
 Operator : UM/SJ
 Sample : PB90466BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

Manual Integrations
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 5/16/2016 6:58:51 PM

Quant Time: May 16 05:54:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 05:03:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	143385	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	582545	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	281483	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	527846	20.00	ng	0.00
75) Chrysene-d12	13.76	240	330698	20.00	ng	0.00
86) Perylene-d12	15.11	264	300369	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	947645	111.93	ng	0.01
7) Phenol-d6	6.28	99	1273959	112.59	ng	0.00
23) Nitrobenzene-d5	7.19	82	844289	72.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	368231	123.57	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1410438	84.21	ng	0.00
78) Terphenyl-d14	12.71	244	1203804	77.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	128412	30.89	ng	# 66
3) Pyridine	2.78	79	351925	34.63	ng	# 66
4) n-Nitrosodimethylamine	2.73	42	273145	37.07	ng	# 47
6) Aniline	6.28	93	175712	12.84	ng	# 2
8) 2-Chlorophenol	6.40	128	378728	37.07	ng	# 80
9) Benzaldehyde	6.17	77	22585	3.45	ng	98
10) Phenol	6.30	94	530849	39.47	ng	81
11) bis(2-Chloroethyl)ether	6.35	93	393576	37.53	ng	# 80
12) 1,3-Dichlorobenzene	6.55	146	388379	35.13	ng	# 94
13) 1,4-Dichlorobenzene	6.63	146	398525	35.35	ng	95
14) 1,2-Dichlorobenzene	6.78	146	353727m	36.00	ng	
15) Benzyl Alcohol	6.78	79	345615	44.23	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.90	45	747130	32.77	ng	54
17) 2-Methylphenol	6.90	107	320281	39.40	ng	# 80
18) Hexachloroethane	7.12	117	152463	35.94	ng	97
19) n-Nitroso-di-n-propylamine	7.05	70	308199	38.97	ng	# 82
20) 3+4-Methylphenols	7.06	107	420903	39.64	ng	# 61
22) Acetophenone	7.04	105	558719	40.61	ng	96
24) Nitrobenzene	7.21	77	460596	38.59	ng	92
25) Isophorone	7.45	82	831033	38.61	ng	98
26) 2-Nitrophenol	7.53	139	196040	37.37	ng	96
27) 2,4-Dimethylphenol	7.59	122	340472	38.10	ng	95
28) bis(2-Chloroethoxy)methane	7.67	93	496446	42.76	ng	99
29) 2,4-Dichlorophenol	7.78	162	314090	39.93	ng	94
30) 1,2,4-Trichlorobenzene	7.85	180	337652	38.39	ng	99
31) Naphthalene	7.92	128	1053691	36.11	ng	99
32) Benzoic acid	7.74	122	174517	33.25	ng	# 81
33) 4-Chloroaniline	7.99	127	91628	8.08	ng	# 91
34) Hexachlorobutadiene	8.04	225	192940	37.81	ng	96
35) Caprolactam	8.36	113	103238m	38.58	ng	
36) 4-Chloro-3-methylphenol	8.49	107	347360	36.42	ng	87
37) 2-Methylnaphthalene	8.62	142	744506	43.65	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	289441	35.37	ng	98
40) Hexachlorocyclopentadiene	8.76	237	252214	64.93	ng	96

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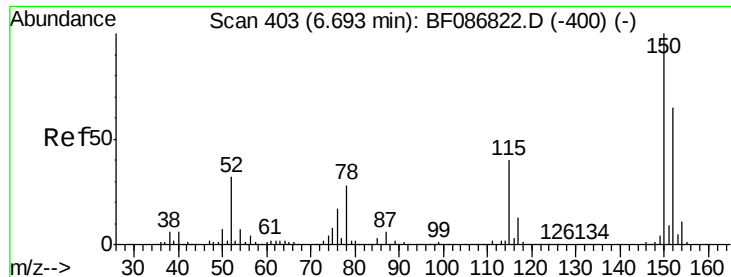
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	199711	36.49	ng	95
43) 2,4,5-Trichlorophenol	8.96	196	195129	34.48	ng	95
45) 1,1'-Biphenyl	9.08	154	870083	38.86	ng	98
46) 2-Chloronaphthalene	9.10	162	647705	36.92	ng	# 92
47) 2-Nitroaniline	9.21	65	255017	39.78	ng	# 76
48) Acenaphthylene	9.51	152	978175	37.91	ng	99
49) Dimethylphthalate	9.39	163	829821	38.64	ng	100
50) 2,6-Dinitrotoluene	9.45	165	158133	34.99	ng	# 66
51) Acenaphthene	9.68	154	601318	37.47	ng	99
52) 3-Nitroaniline	9.62	138	64281	13.51	ng	83
53) 2,4-Dinitrophenol	9.74	184	106682	49.44	ng	90
54) Dibenzofuran	9.85	168	867820	42.12	ng	91
55) 4-Nitrophenol	9.82	139	204705m	65.41	ng	
56) 2,4-Dinitrotoluene	9.86	165	235096	42.03	ng	# 78
57) Fluorene	10.19	166	635083	36.14	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	180076	42.26	ng	98
59) Diethylphthalate	10.09	149	843147	40.29	ng	97
60) 4-Chlorophenyl-phenylether	10.19	204	338367	44.03	ng	89
61) 4-Nitroaniline	10.24	138	155092	33.94	ng	# 71
62) Azobenzene	10.35	77	988186	43.77	ng	87
64) 4,6-Dinitro-2-methylphenol	10.26	198	96239	29.35	ng	# 21
65) n-Nitrosodiphenylamine	10.32	169	675370	41.65	ng	99
66) 4-Bromophenyl-phenylether	10.67	248	200515	37.47	ng	# 87
67) Hexachlorobenzene	10.74	284	254755	40.73	ng	# 91
68) Atrazine	10.86	200	213800	39.47	ng	96
69) Pentachlorophenol	10.95	266	203818	70.51	ng	97
70) Phenanthrene	11.15	178	1162552	41.27	ng	100
71) Anthracene	11.20	178	1050221	36.45	ng	99
72) Carbazole	11.37	167	1055384	42.62	ng	100
73) Di-n-butylphthalate	11.70	149	1212808	40.10	ng	# 98
74) Fluoranthene	12.33	202	1046423	36.12	ng	98
76) Benzidine	12.47	184	231535	27.46	ng	96
77) Pyrene	12.56	202	1154232	45.59	ng	100
79) Butylbenzylphthalate	13.19	149	478496	44.68	ng	# 71
80) Benzo(a)anthracene	13.75	228	807966	43.52	ng	98
81) 3,3'-Dichlorobenzidine	13.71	252	142986	12.12	ng	# 97
82) Chrysene	13.78	228	843347	44.66	ng	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	609727	47.33	ng	# 96
84) Di-n-octyl phthalate	14.35	149	1026693	48.12	ng	# 85
85) Indeno(1,2,3-cd)pyrene	16.37	276	727563	46.31	ng	95
87) Benzo(b)fluoranthene	14.74	252	670895m	34.37	ng	
88) Benzo(k)fluoranthene	14.77	252	679837m	42.53	ng	
89) Benzo(a)pyrene	15.06	252	679002	40.33	ng	98
90) Dibenzo(a,h)anthracene	16.37	278	610511	43.02	ng	98
91) Benzo(g,h,i)perylene	16.73	276	620162	43.01	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

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BNA_F

ClientSampleId :

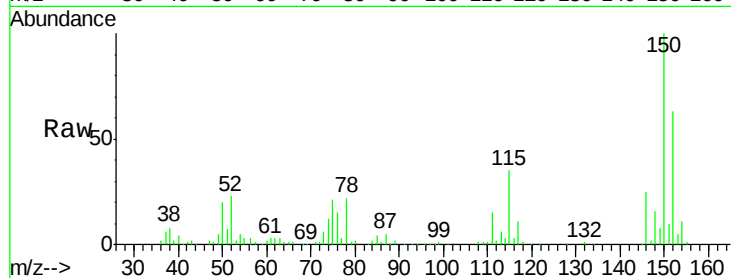
PB90466BS

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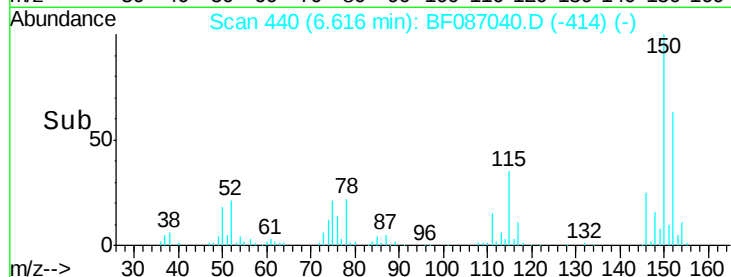
Tgt Ion:	152	Resp:	143385
Ion Ratio	Lower	Upper	
152	100		
150	158.1	125.8	188.6
115	55.1	51.5	77.3



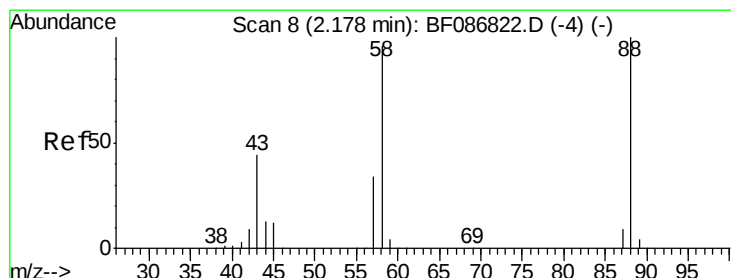
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 30.89 ng

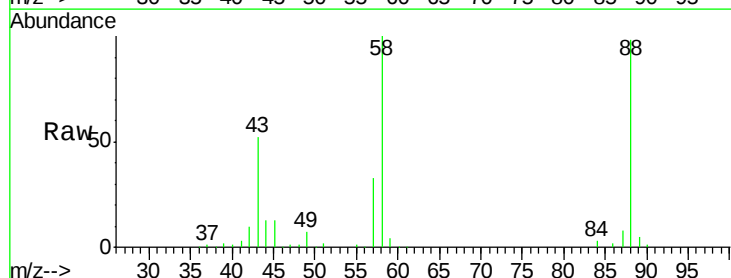
RT: 2.14 min Scan# 48

Delta R.T. 0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

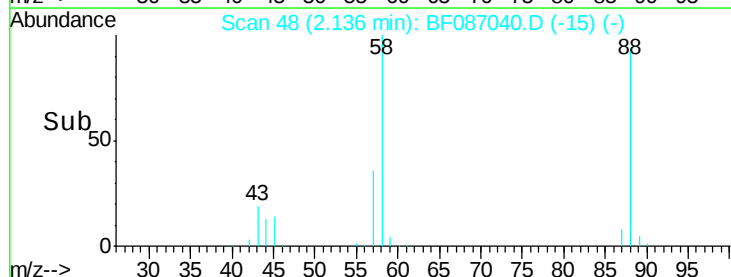
Tgt Ion:	88	Resp:	128412
Ion Ratio	Lower	Upper	
88	100		
58	98.5	59.6	89.4#
43	53.3	21.8	32.6#



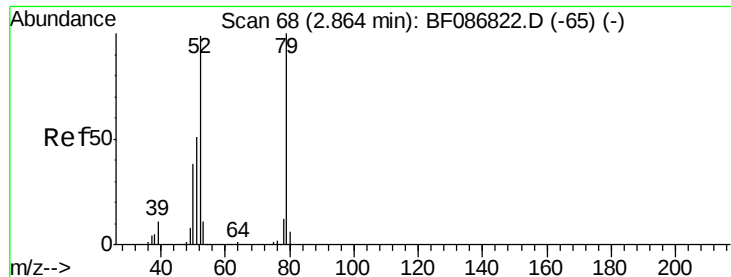
Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



Time-->



#3

Pyridine

Concen: 34.63 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.08 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

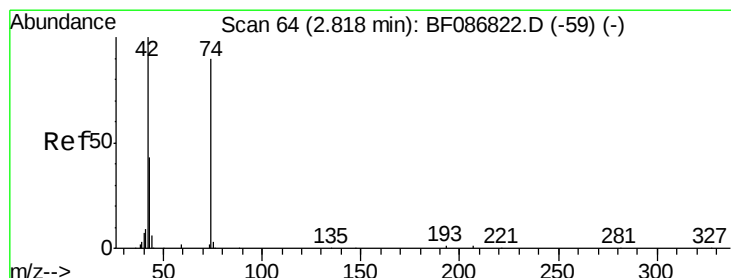
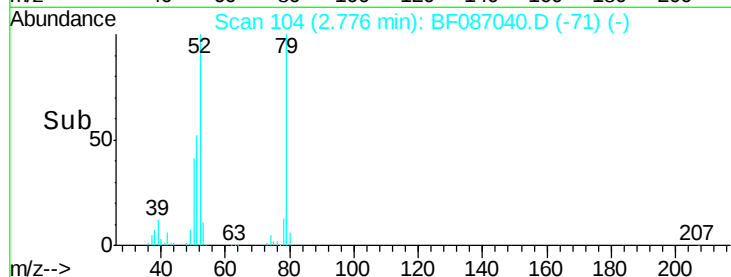
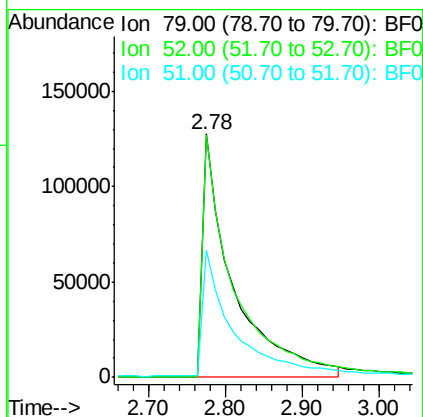
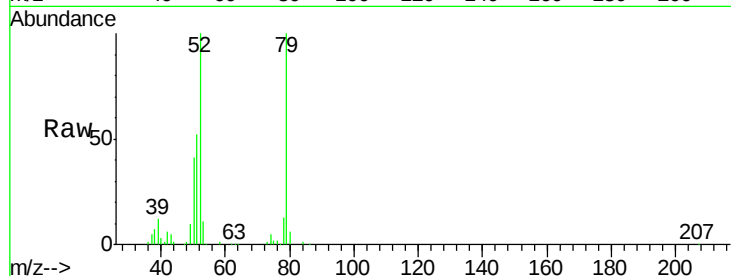
ClientSampleId :

PB90466BS

Tgt Ion:	79	Resp:	351925
Ion Ratio	Lower	Upper	
79	100		
52	99.8	55.9	83.9#
51	52.4	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 37.07 ng

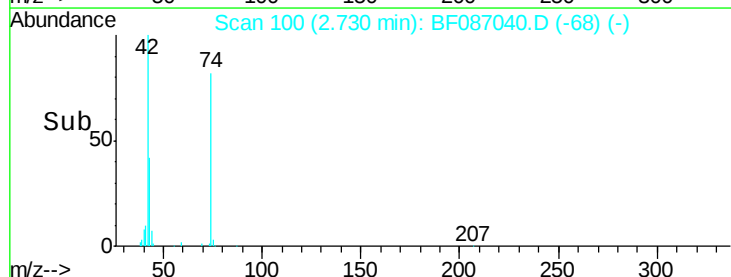
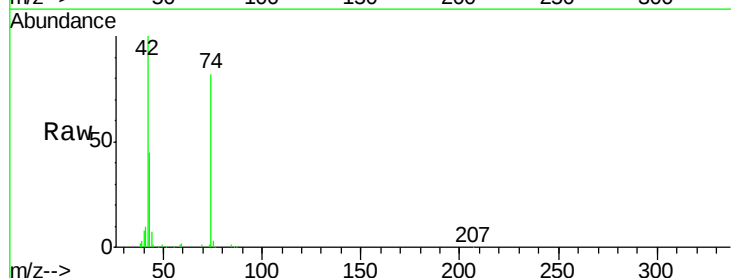
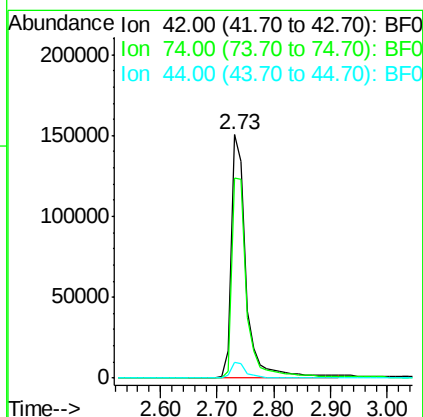
RT: 2.73 min Scan# 100

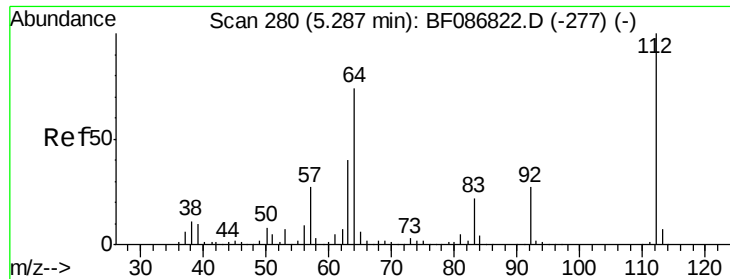
Delta R.T. 0.07 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Tgt Ion:	42	Resp:	273145
Ion Ratio	Lower	Upper	
42	100		
74	82.0	123.4	185.0#
44	6.7	5.8	8.6





#5

2-Fluorophenol

Concen: 111.93 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF087040.D

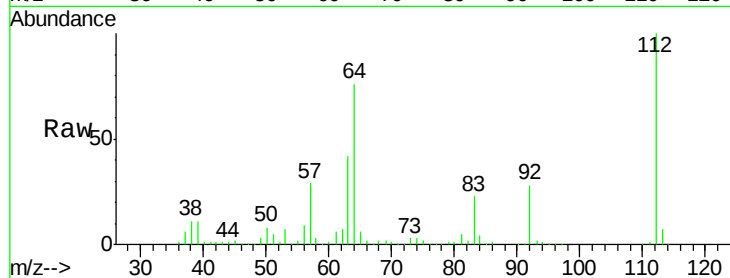
Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampled :

PB90466BS



Tgt Ion: 112 Resp: 947645

Ion Ratio Lower Upper

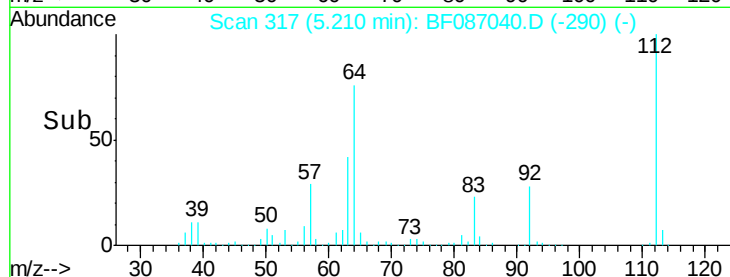
112 100

64 76.1 52.1 78.1

63 42.0 25.7 38.5#

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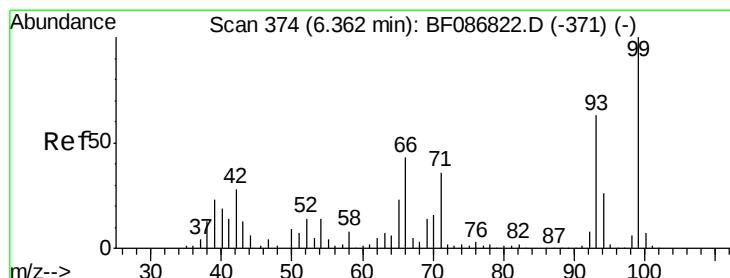
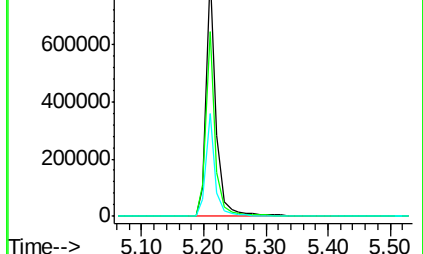


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



#6

Aniline

Concen: 12.84 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

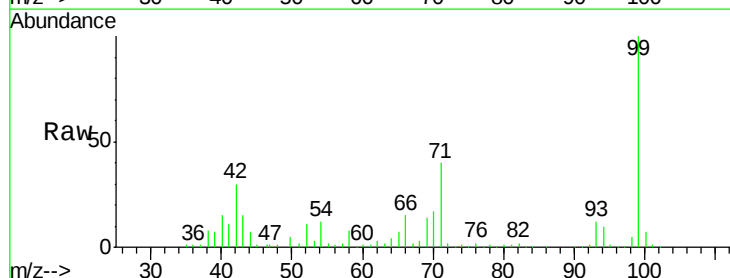
Tgt Ion: 93 Resp: 175712

Ion Ratio Lower Upper

93 100

66 126.9 39.0 58.6#

65 59.2 20.6 31.0#

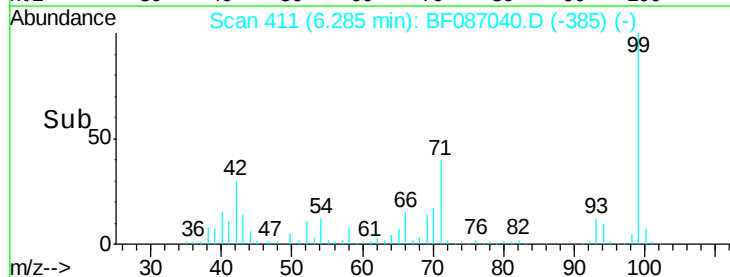
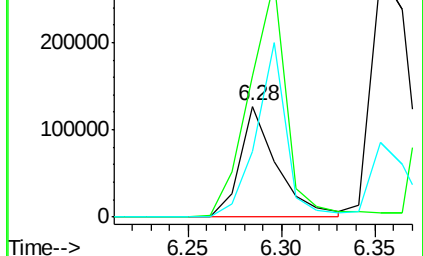


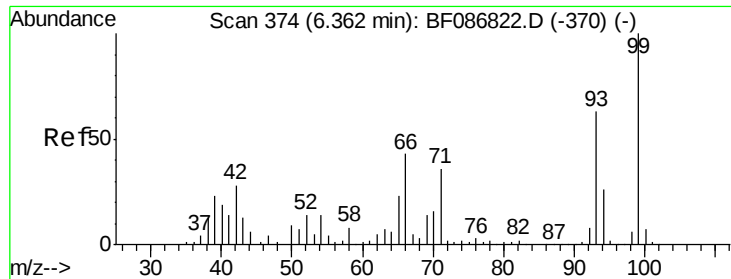
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->





#7

Phenol-d6

Concen: 112.59 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

Tgt Ion: 99 Resp: 1273959

Ion Ratio Lower Upper

99 100

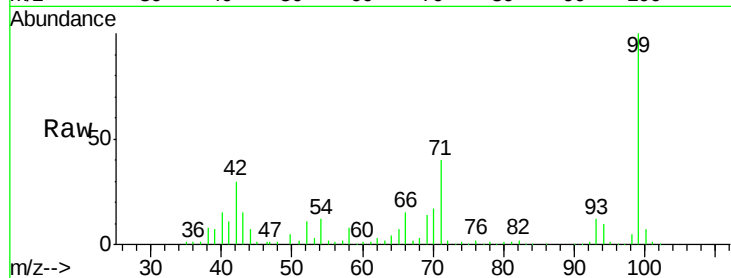
42 29.6 13.6 20.4#

71 39.7 24.6 36.8#

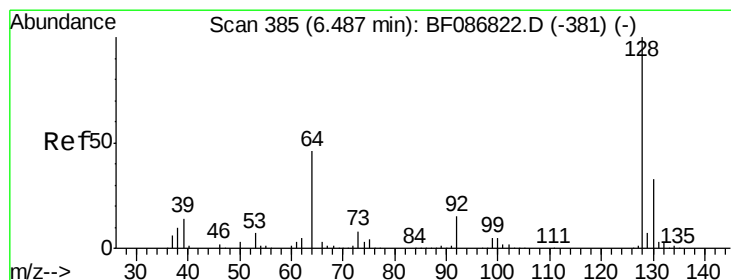
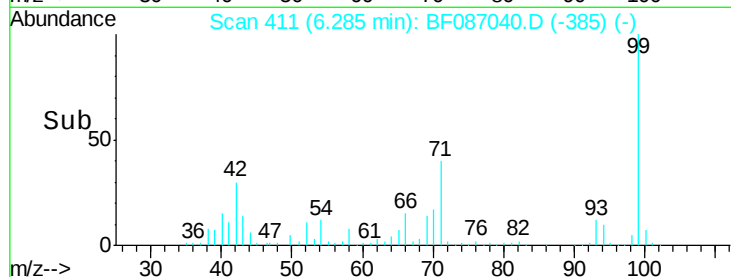
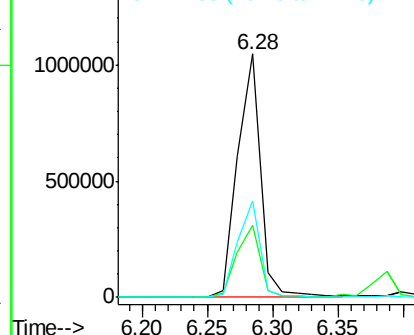
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.07 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

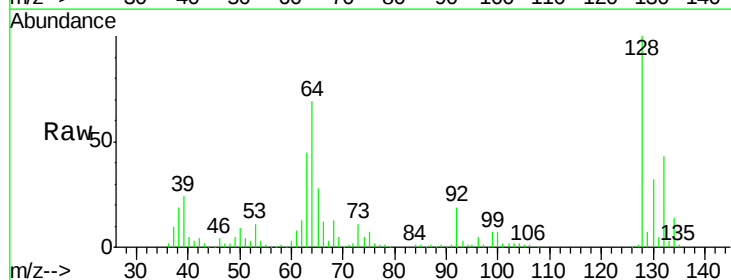
Tgt Ion: 128 Resp: 378728

Ion Ratio Lower Upper

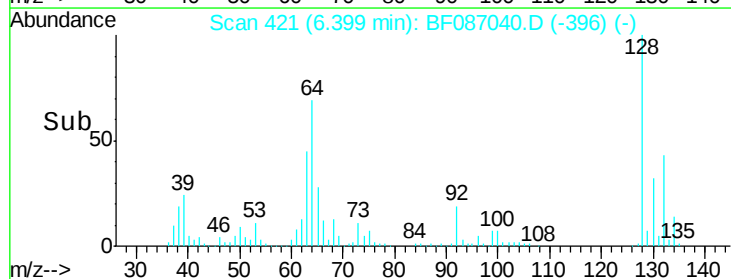
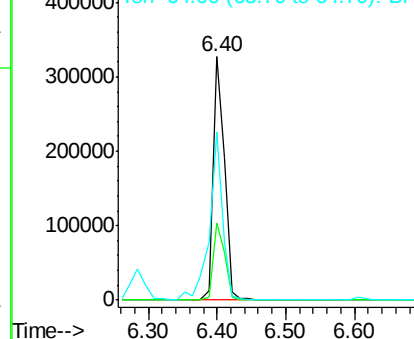
128 100

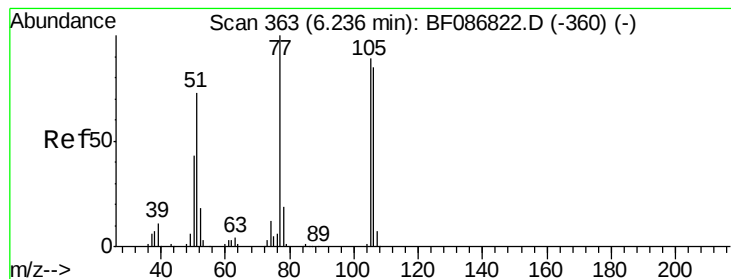
130 31.9 12.5 52.5

64 68.9 27.3 67.3#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.45 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF087040.D

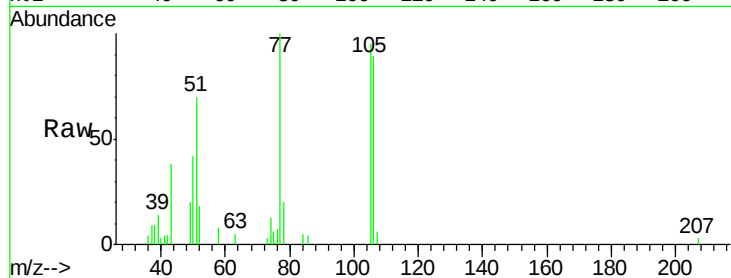
Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampled :

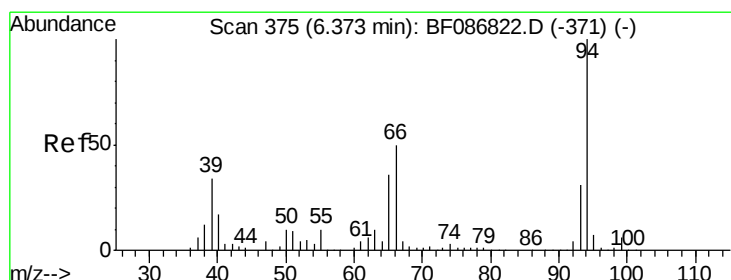
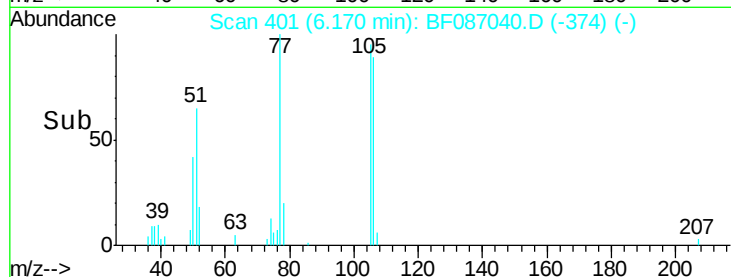
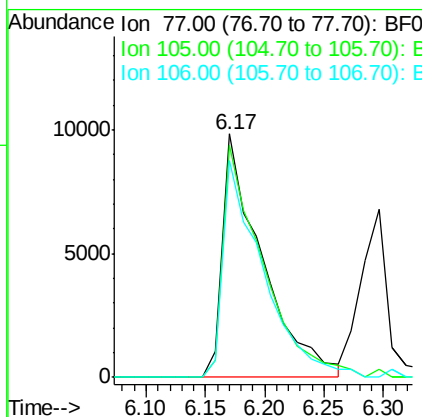
PB90466BS



Tgt Ion:	77	Resp:	22585
Ion Ratio	Lower	Upper	
77	100		
105	95.3	72.7	112.7
106	88.8	70.8	110.8

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#10

Phenol

Concen: 39.47 ng

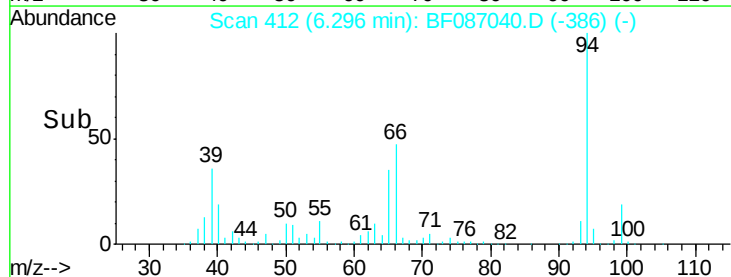
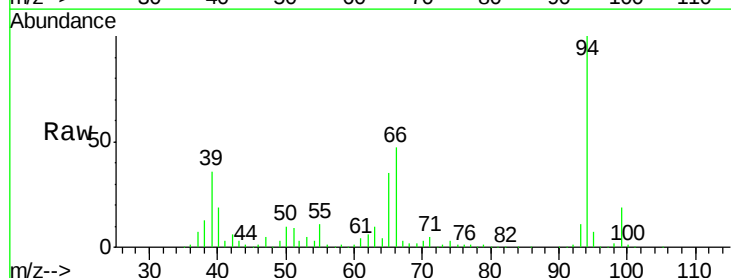
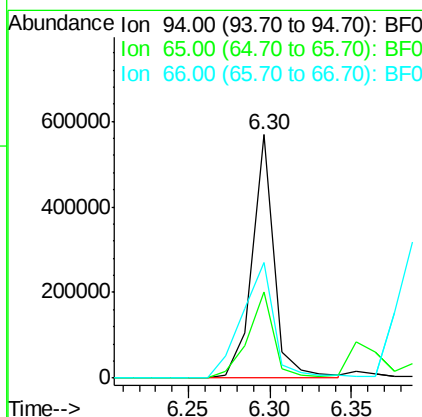
RT: 6.30 min Scan# 412

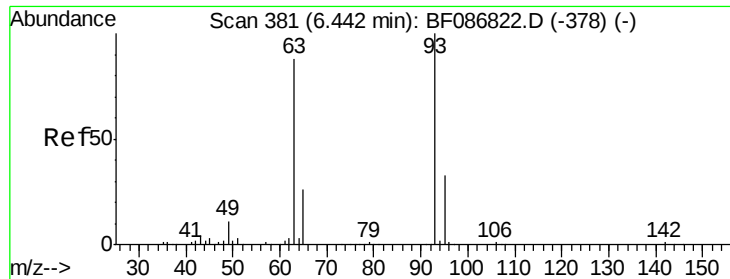
Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Tgt Ion:	94	Resp:	530849
Ion Ratio	Lower	Upper	
94	100		
65	35.2	7.2	47.2
66	47.5	14.9	54.9





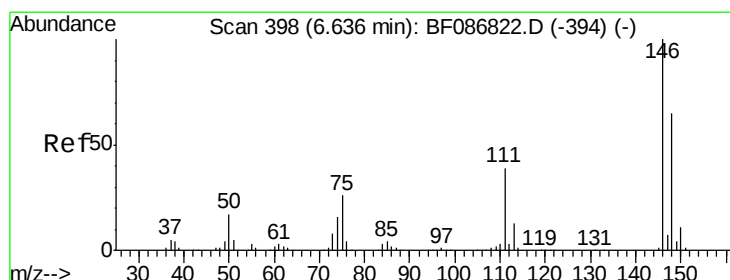
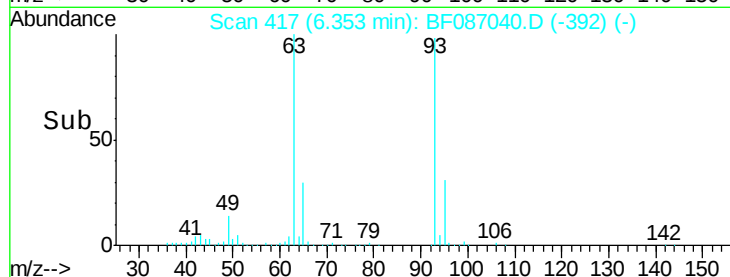
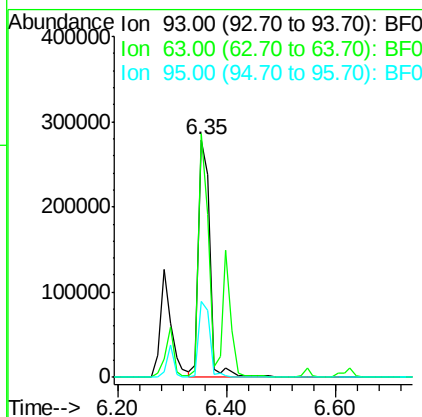
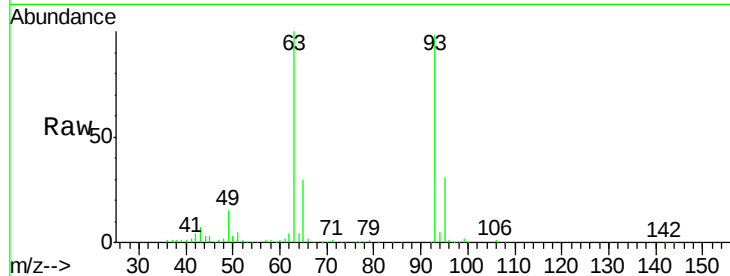
#11
bis(2-Chloroethyl)ether
Concen: 37.53 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	102.5	58.0	98.0#
95	31.8	11.9	51.9

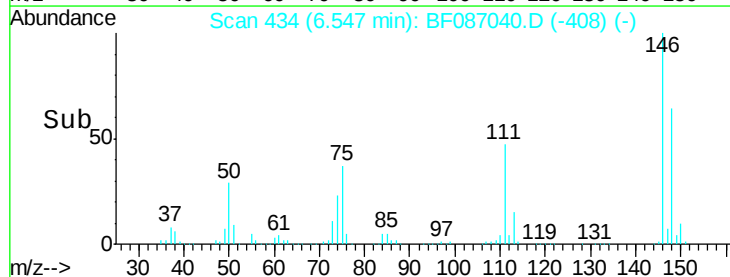
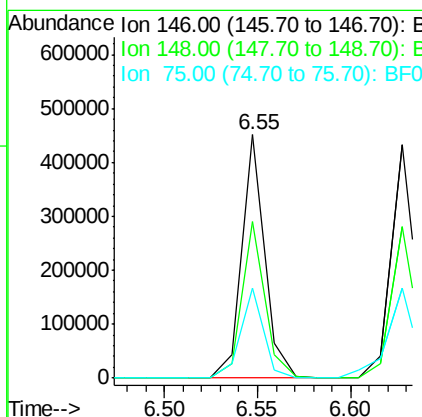
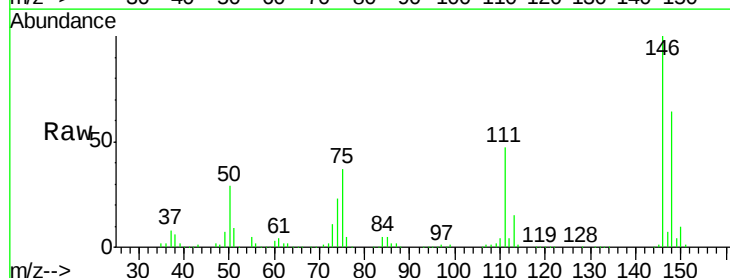
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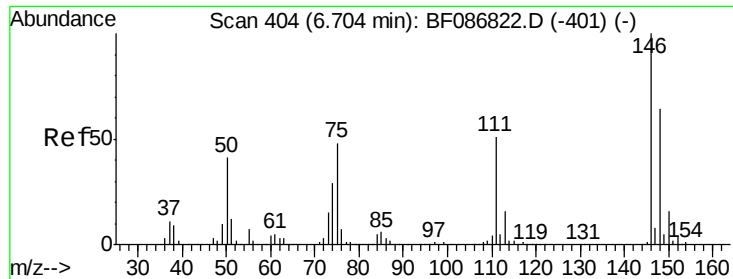
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#12
1,3-Dichlorobenzene
Concen: 35.13 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.2	52.4	78.6
75	37.2	22.8	34.2#





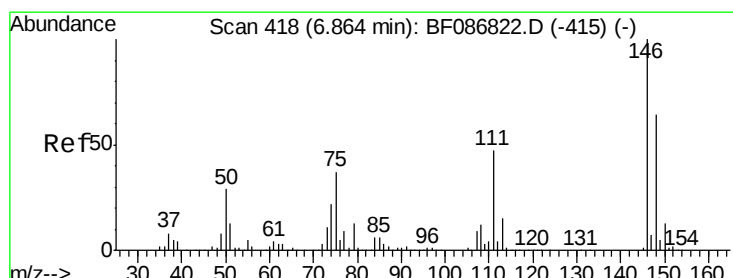
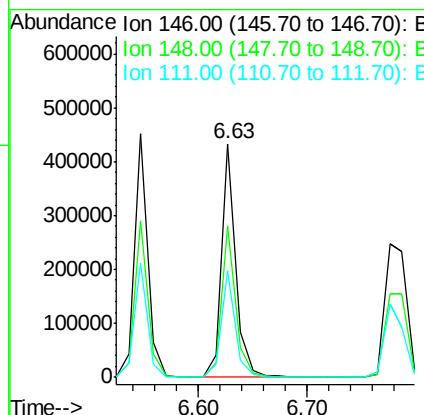
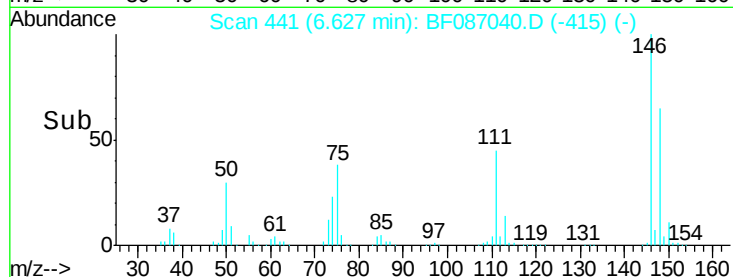
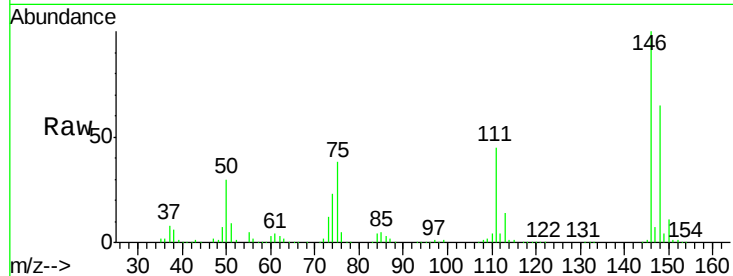
#13
 1,4-Dichlorobenzene
 Concen: 35.35 ng
 RT: 6.63 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Instrument :
 BNA_F
 ClientSampled :
 PB90466BS

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.5	52.2	78.4
111	45.4	30.7	46.1

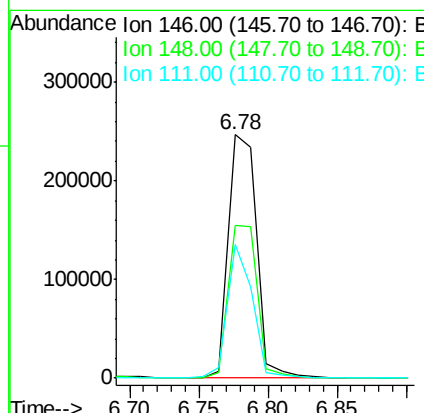
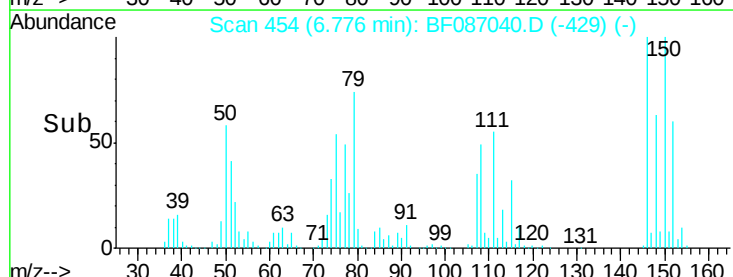
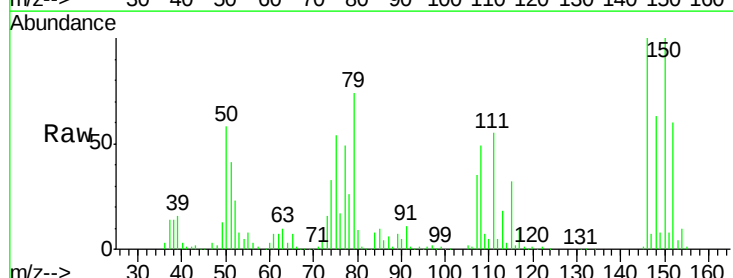
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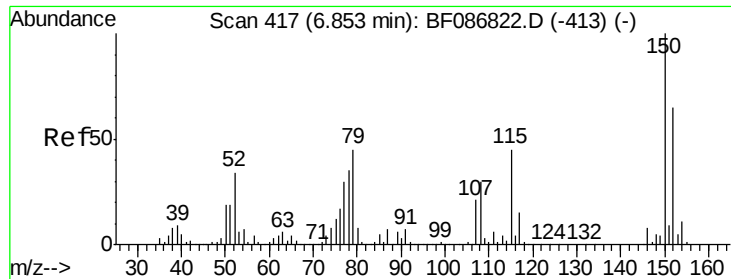
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#14
 1,2-Dichlorobenzene
 Concen: 36.00 ng m
 RT: 6.78 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	62.9	51.0	76.6
111	55.0	36.2	54.4





#15

Benzyl Alcohol

Concen: 44.23 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

Tgt Ion: 79 Resp: 345615
Ion Ratio Lower Upper

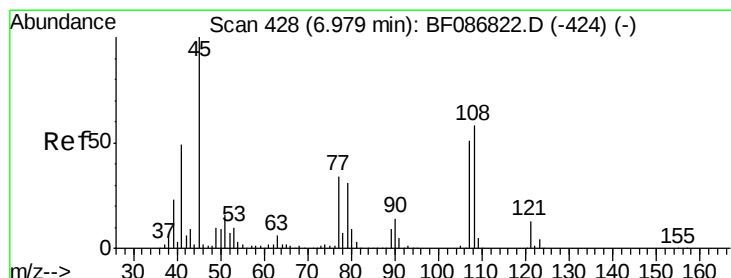
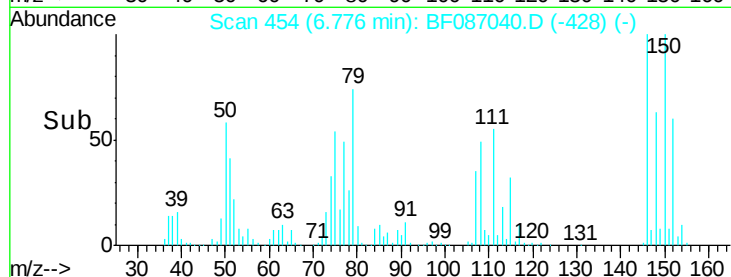
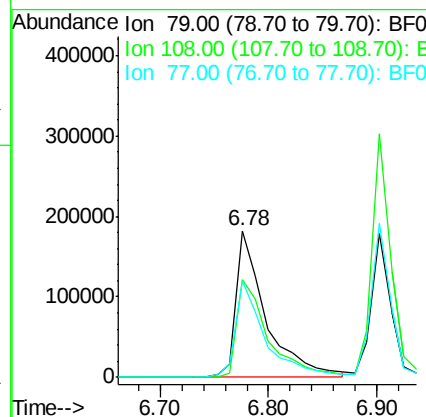
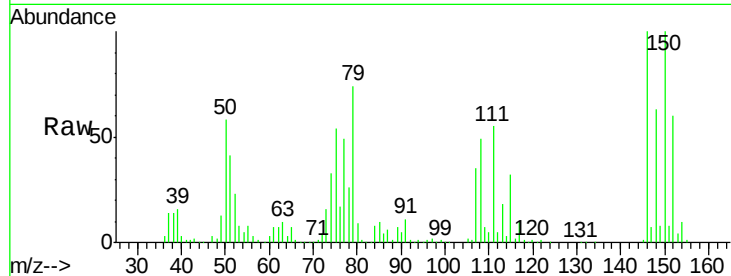
79 100

108 67.0 68.4 102.6#

77 65.9 50.6 76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.77 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF087040.D

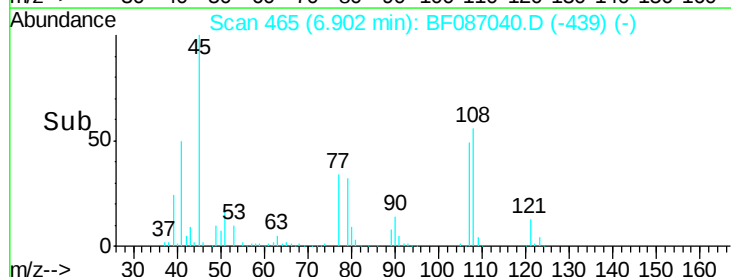
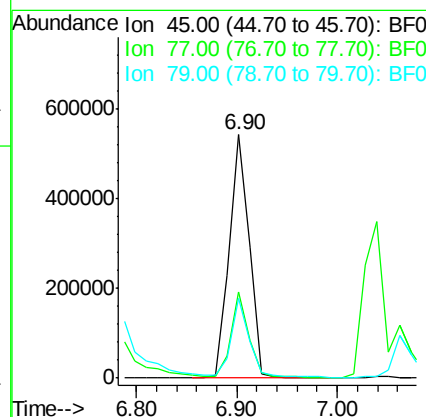
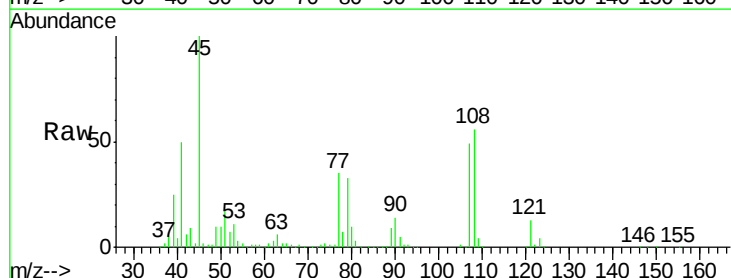
Acq: 15 May 2016 1:02

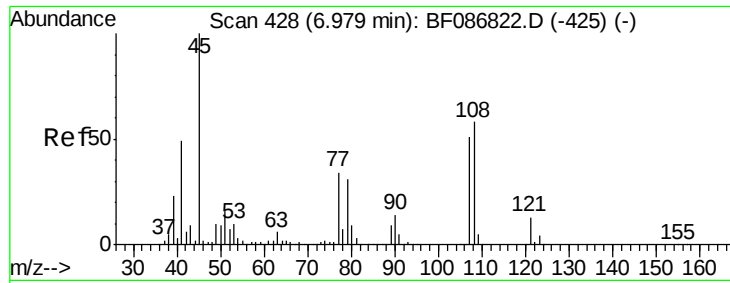
Tgt Ion: 45 Resp: 747130
Ion Ratio Lower Upper

45 100

77 35.4 0.0 36.4

79 32.8 0.0 33.4





#17

2-Methylphenol

Concen: 39.40 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

Tgt Ion:107 Resp: 320281
Ion Ratio Lower Upper

107 100

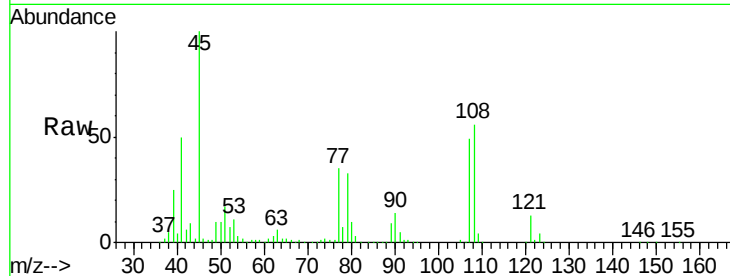
108 114.4 93.7 140.5

77 72.6 33.4 50.0#

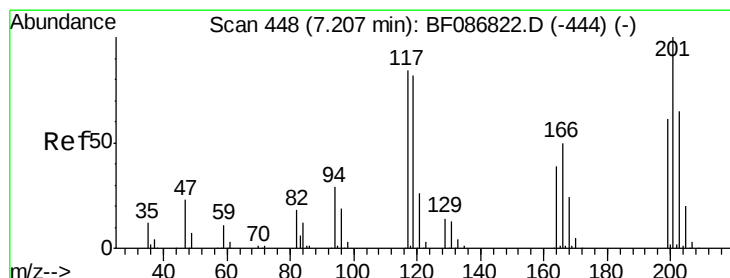
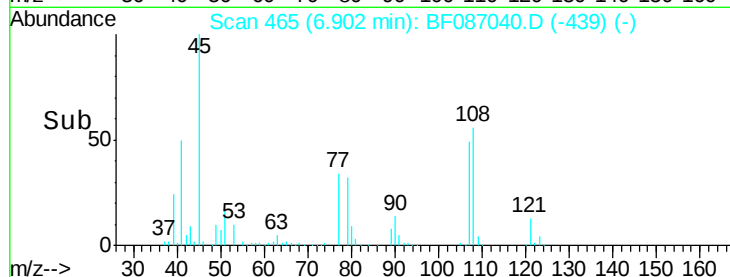
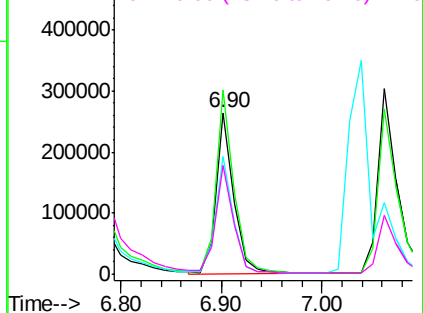
79 67.3 34.3 51.5#

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.94 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF087040.D

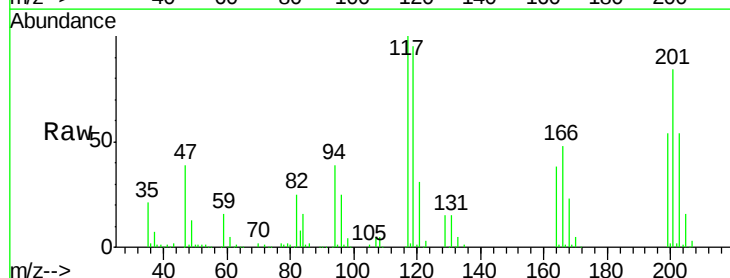
Acq: 15 May 2016 1:02

Tgt Ion:117 Resp: 152463
Ion Ratio Lower Upper

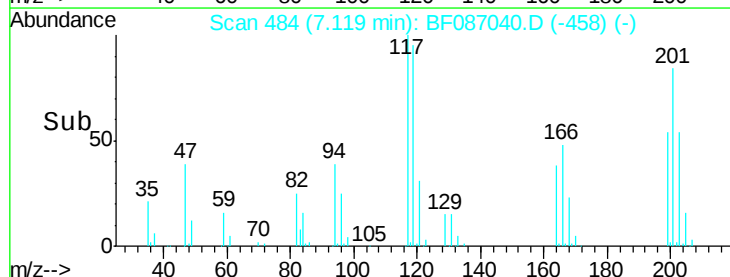
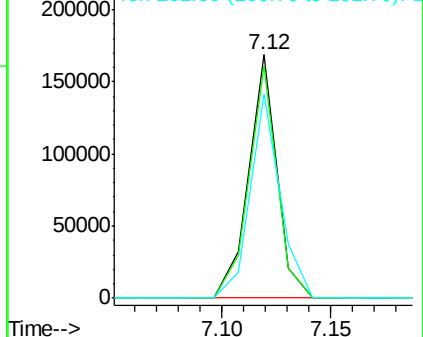
117 100

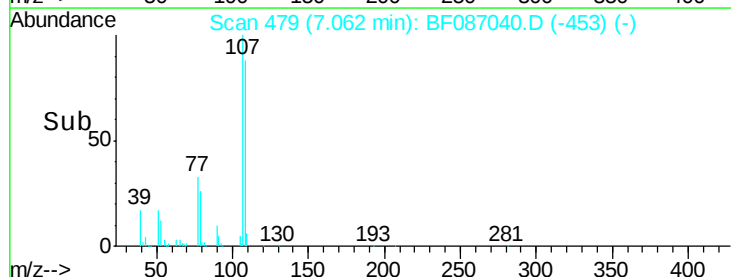
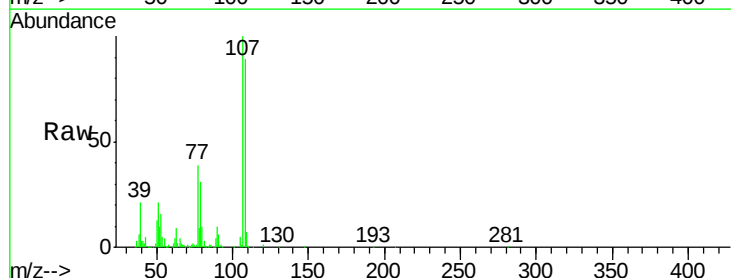
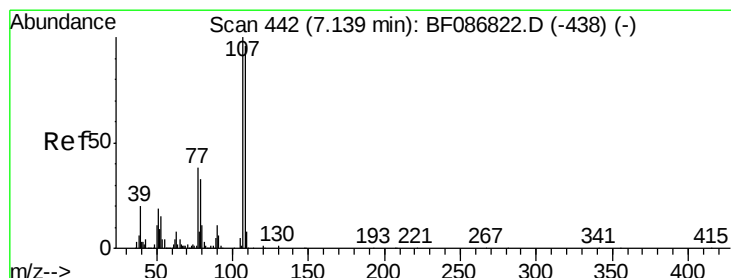
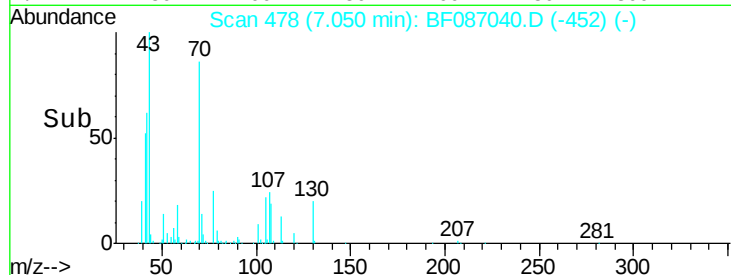
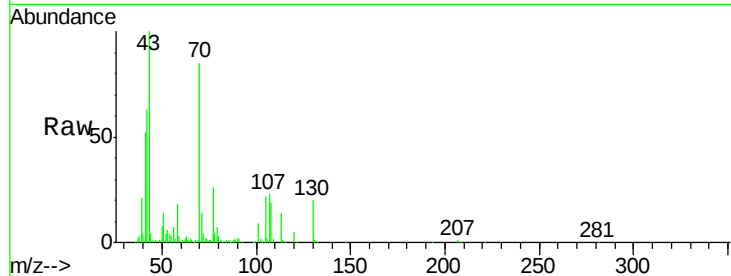
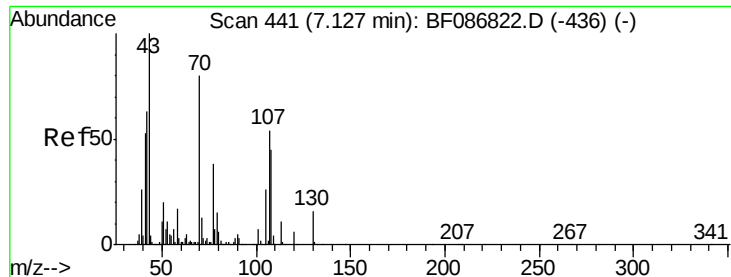
119 95.2 76.5 114.7

201 83.6 63.0 94.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

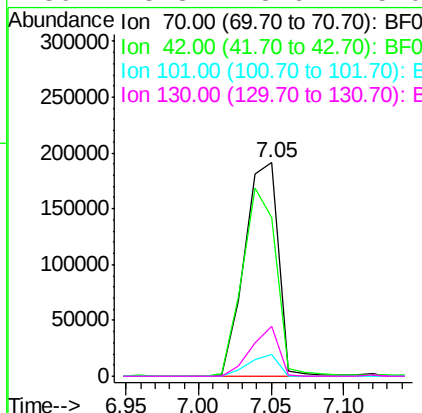




#19
n-Nitroso-di-n-propylamine
Concen: 38.97 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	74.2	43.1	64.7#
101	10.2	8.1	12.1
130	23.3	18.6	28.0

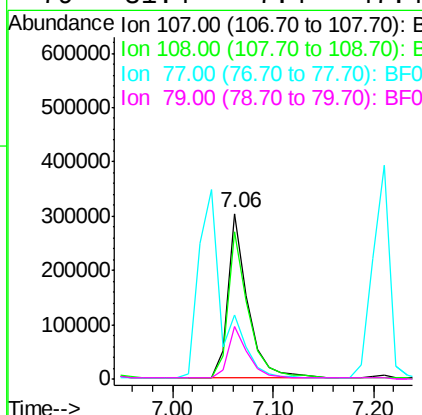


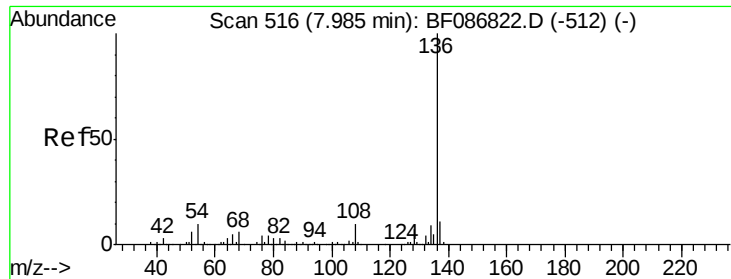
Manual Integrations
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#20
3+4-Methylphenols
Concen: 39.64 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	89.1	68.5	108.5
77	38.5	101.6	141.6#
79	31.4	7.4	47.4





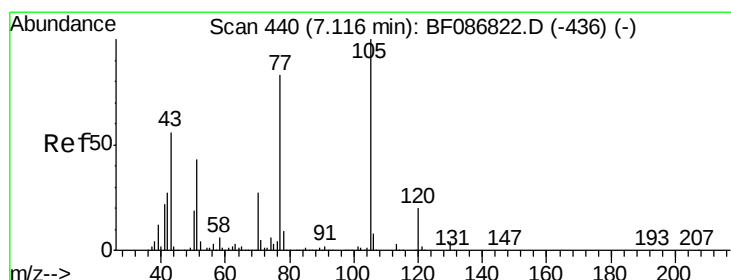
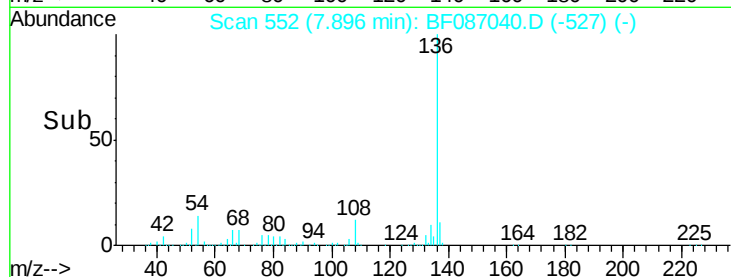
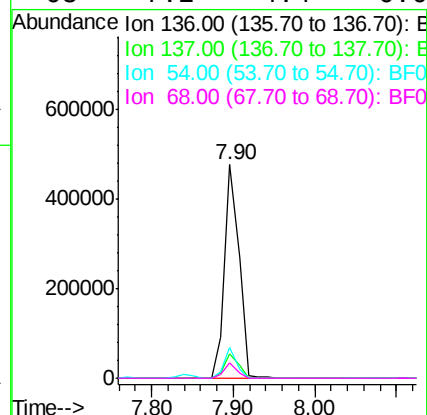
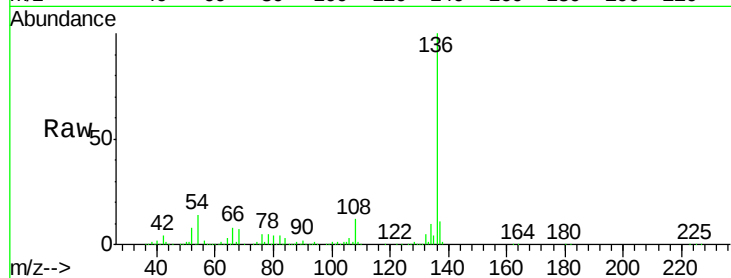
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.1	8.8	13.2
54	14.3	5.0	7.4#
68	7.2	4.4	6.6#

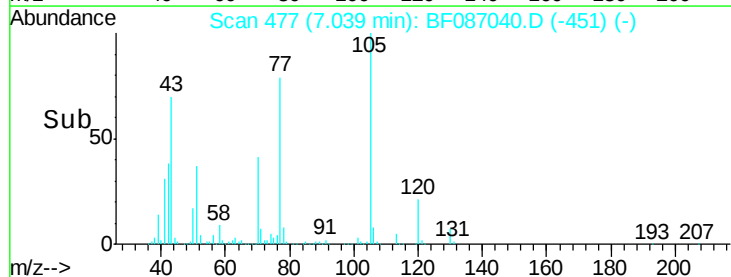
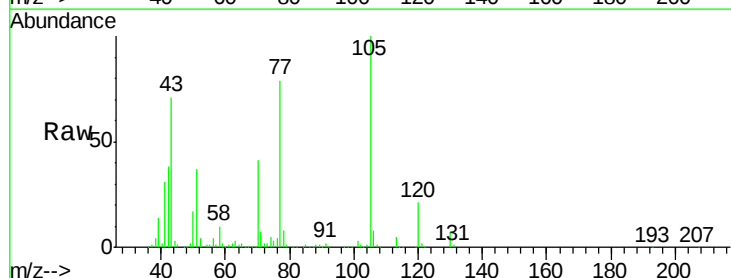
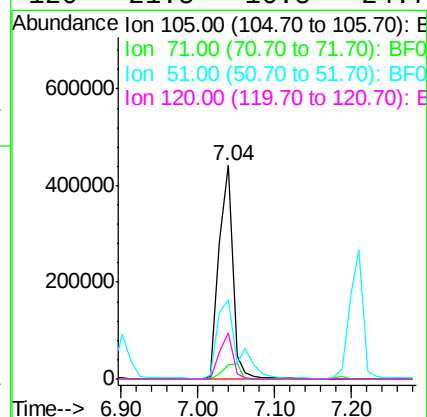
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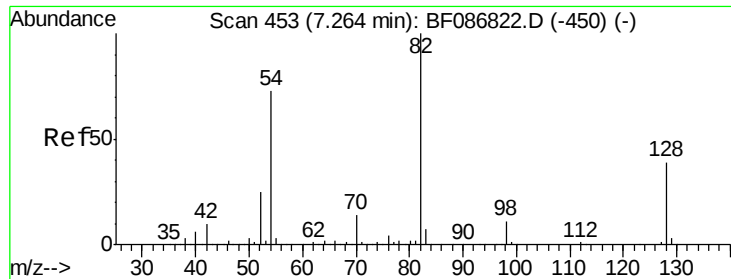
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#22
Acetophenone
Concen: 40.61 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	6.9	4.8	7.2
51	37.2	32.6	49.0
120	21.5	16.5	24.7





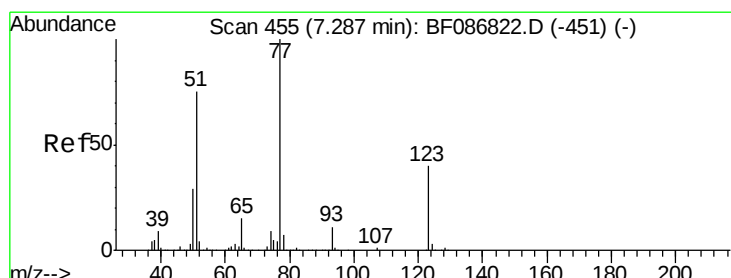
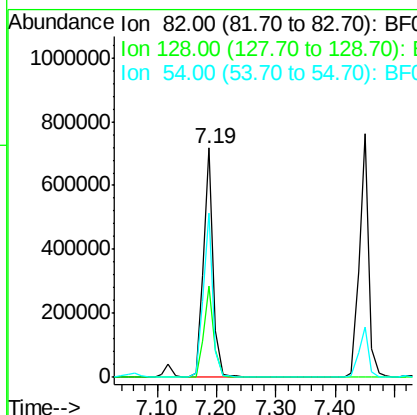
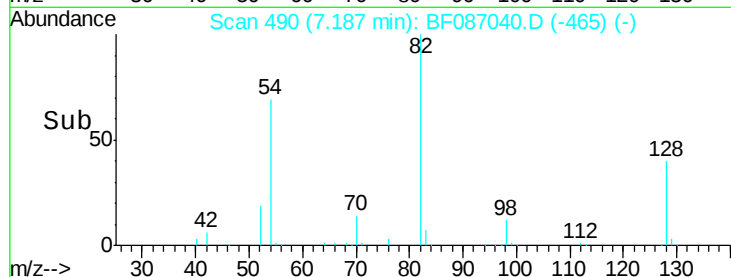
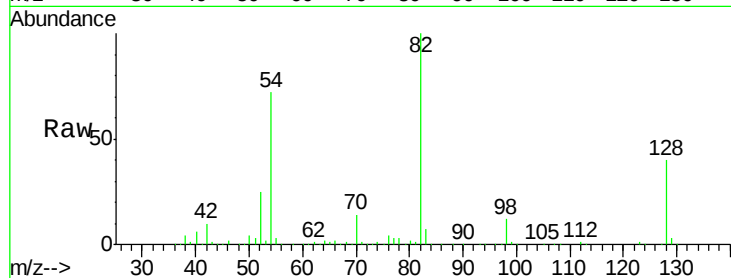
#23
 Nitrobenzene-d5
 Concen: 72.77 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

Tgt Ion:	82	Resp:	844289
Ion Ratio	Lower	Upper	
82	100		
128	39.8	40.6	61.0#
54	71.8	38.1	57.1#

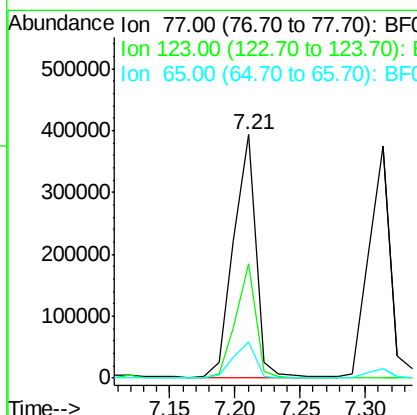
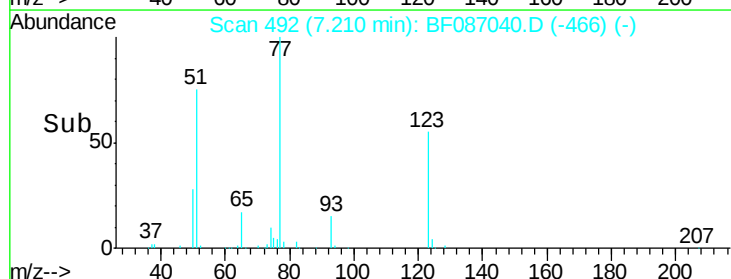
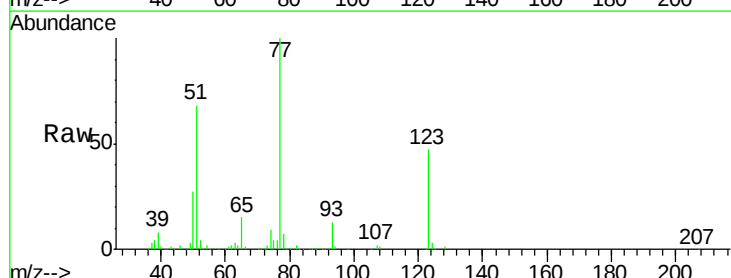
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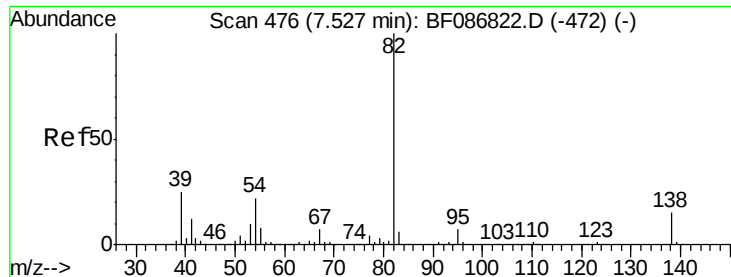
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#24
 Nitrobenzene
 Concen: 38.59 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion:	77	Resp:	460596
Ion Ratio	Lower	Upper	
77	100		
123	46.8	33.0	49.4
65	14.9	10.8	16.2





#25

Isophorone

Concen: 38.61 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

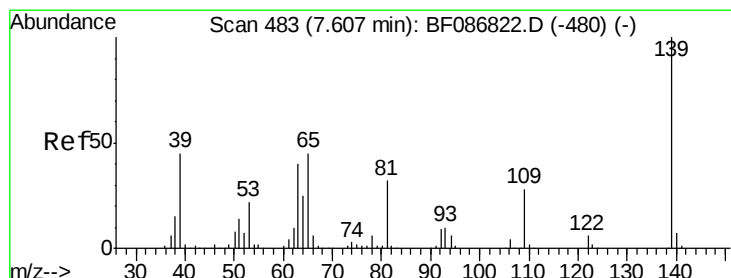
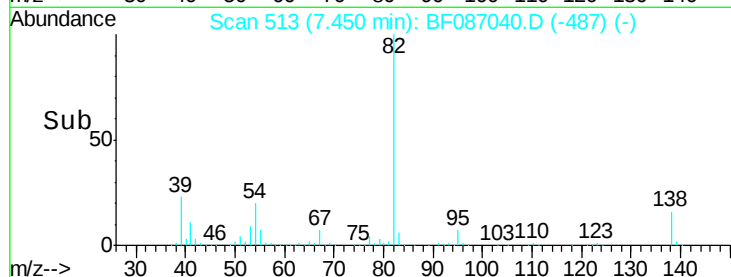
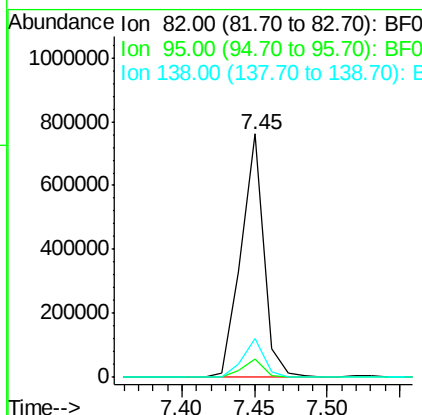
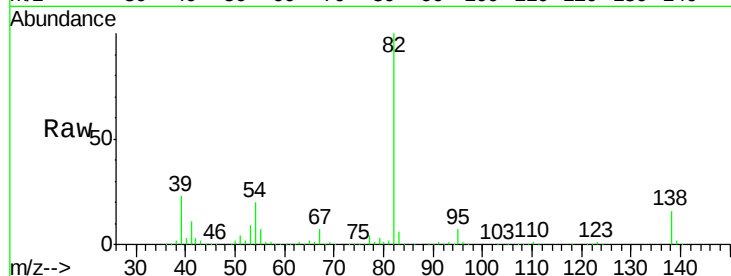
ClientSampleId :

PB90466BS

Tgt Ion:	82	Resp:	831033
Ion Ratio		Lower	Upper
82	100		
95	7.4	5.1	7.7
138	16.2	12.4	18.6

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#26

2-Nitrophenol

Concen: 37.37 ng

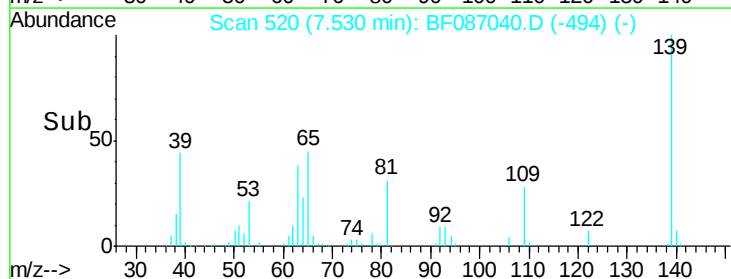
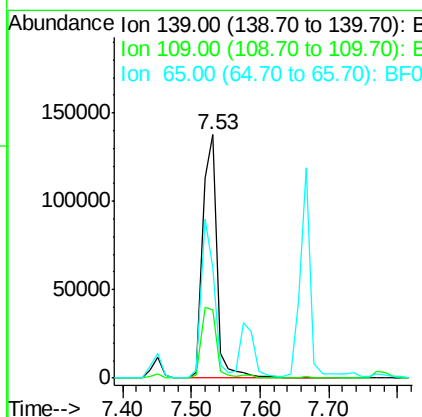
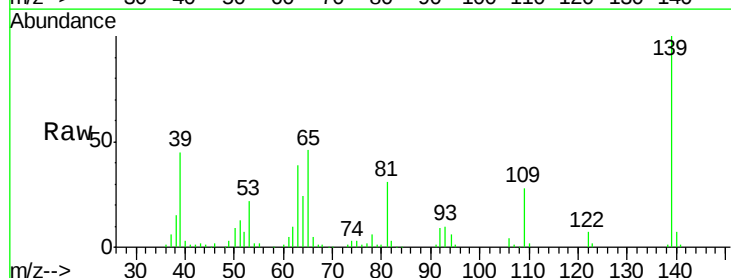
RT: 7.53 min Scan# 520

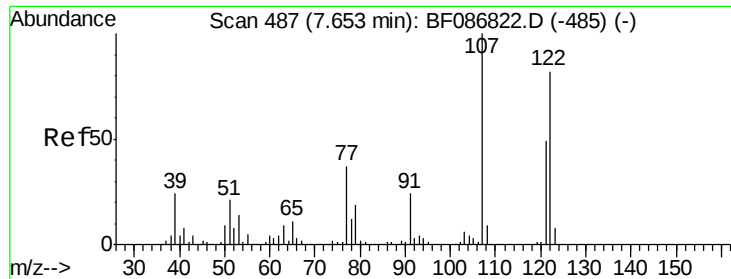
Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Tgt Ion:	139	Resp:	196040
Ion Ratio		Lower	Upper
139	100		
109	28.2	19.5	29.3
65	45.6	37.5	56.3





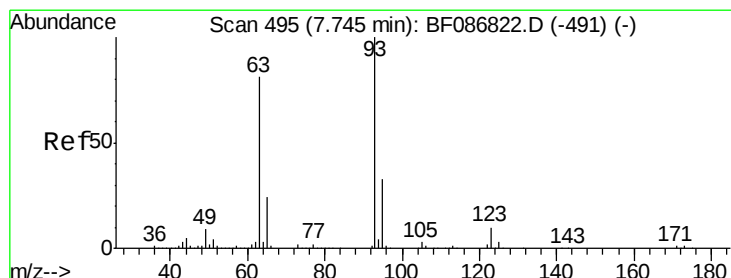
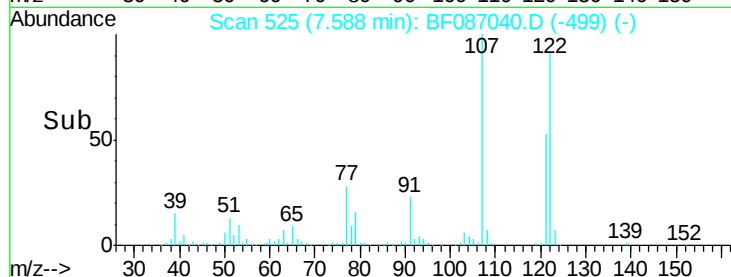
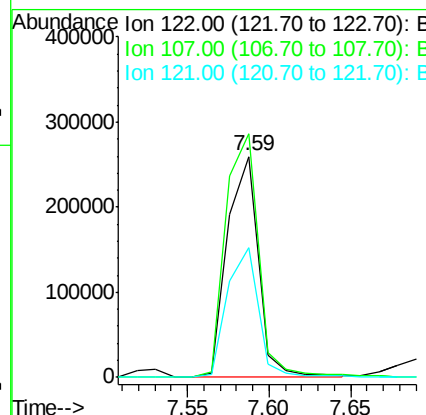
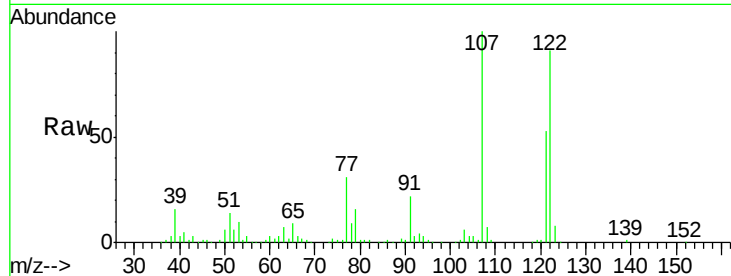
#27
 2,4-Dimethylphenol
 Concen: 38.10 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	340472		
107	110.3	82.0	123.0	
121	58.8	46.1	69.1	

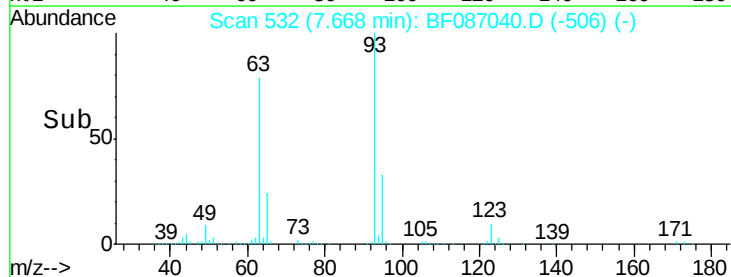
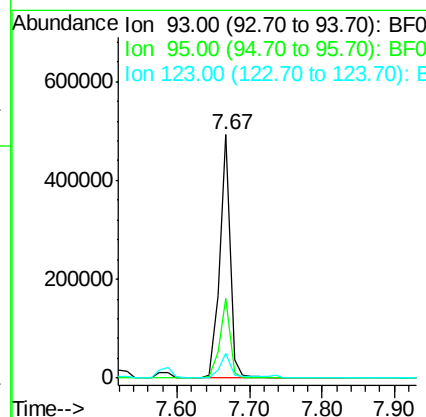
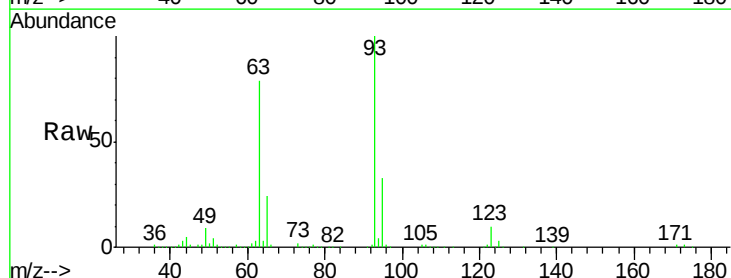
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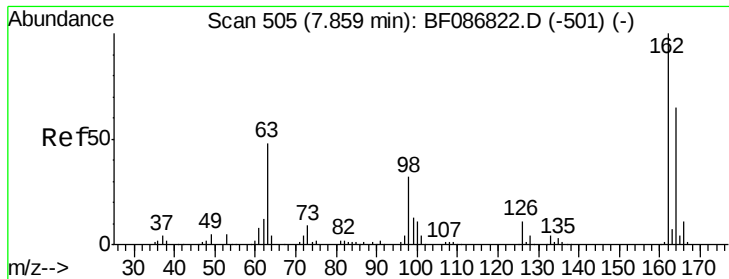
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.76 ng
 RT: 7.67 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	496446		
95	32.6	26.0	39.0	
123	10.1	9.5	14.3	





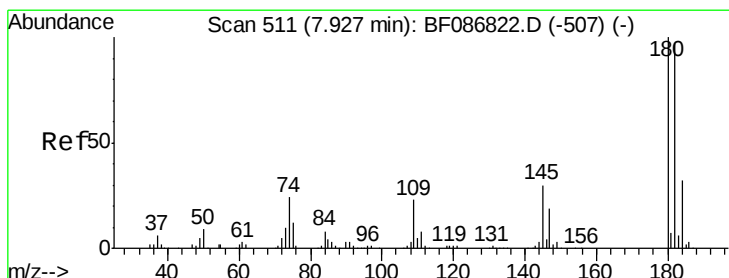
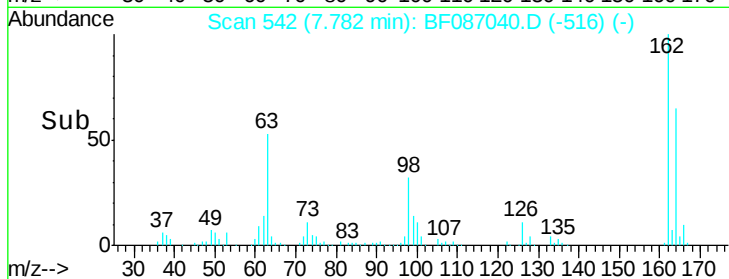
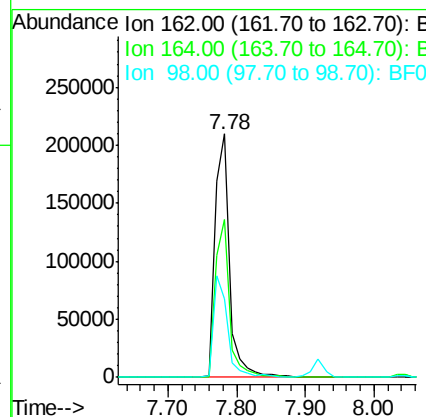
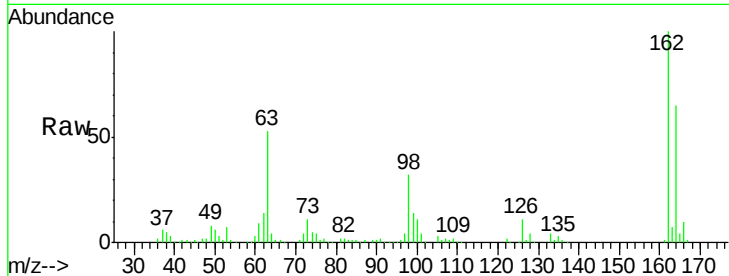
#29
 2,4-Dichlorophenol
 Concen: 39.93 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	314090		
164	64.8	42.2	82.2	
98	32.4	19.0	59.0	

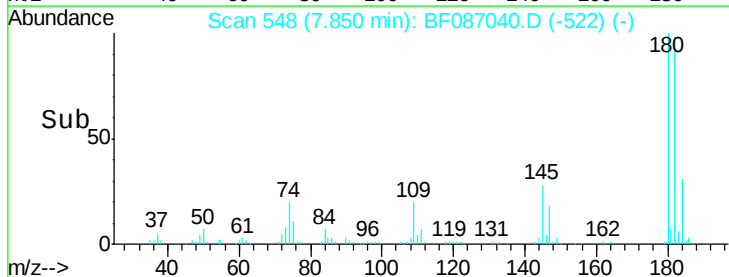
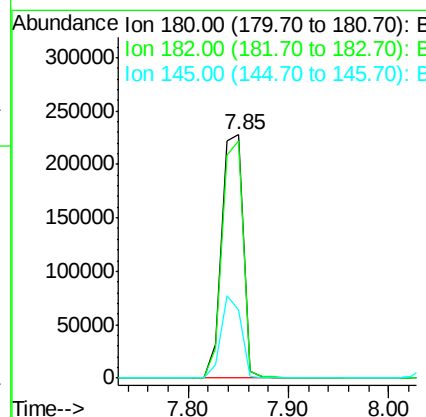
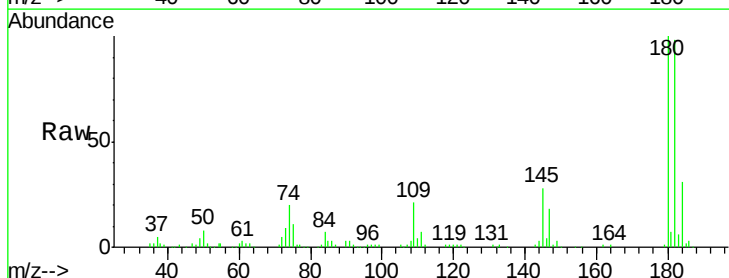
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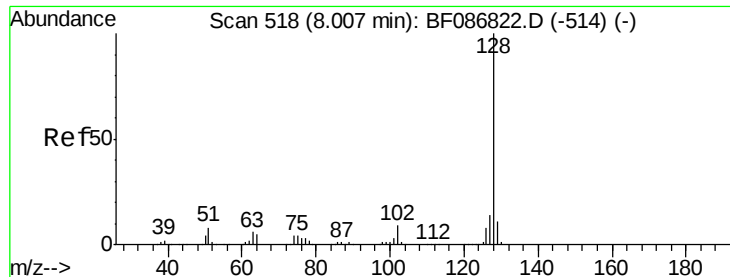
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.39 ng
 RT: 7.85 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	337652		
182	97.6	78.0	117.0	
145	28.0	24.2	36.2	





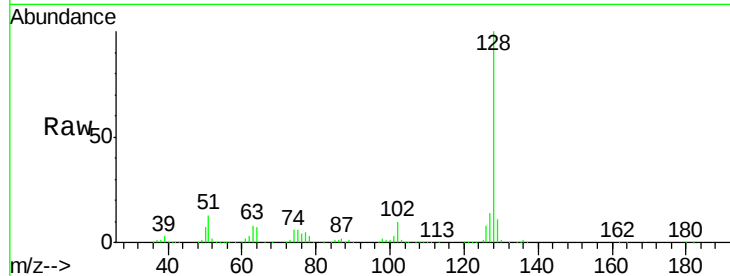
#31
Naphthalene
Concen: 36.11 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

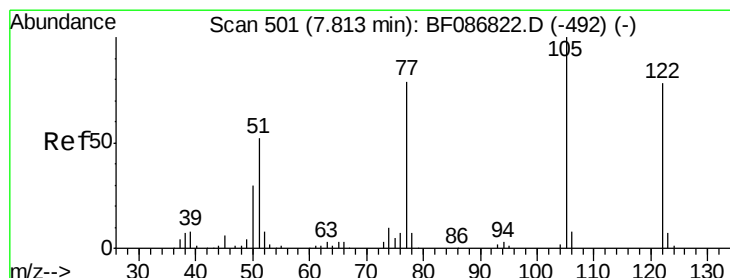
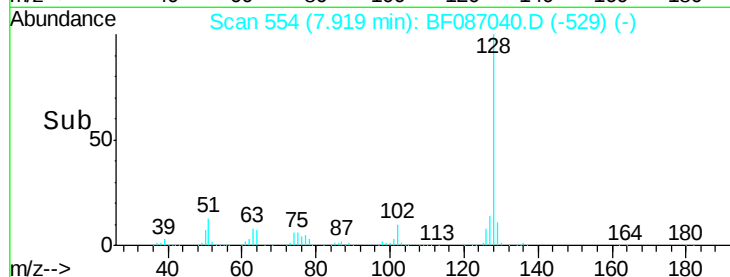
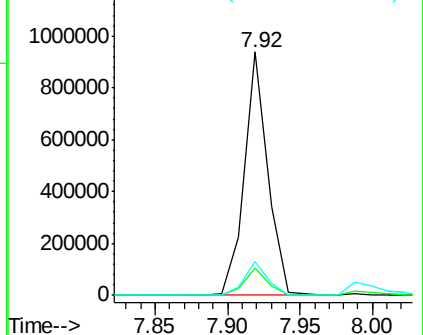
Tgt Ion:128 Resp: 1053691
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.6 10.8 16.2

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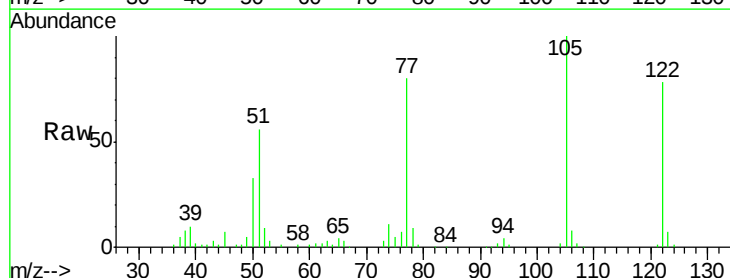


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

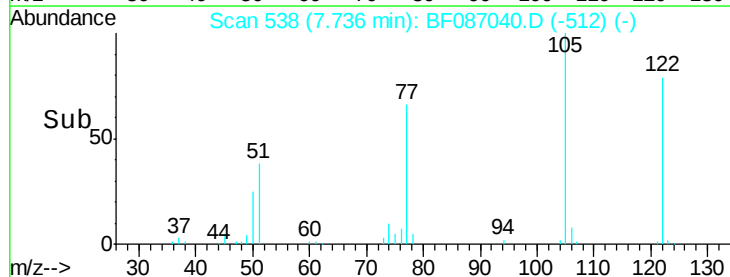
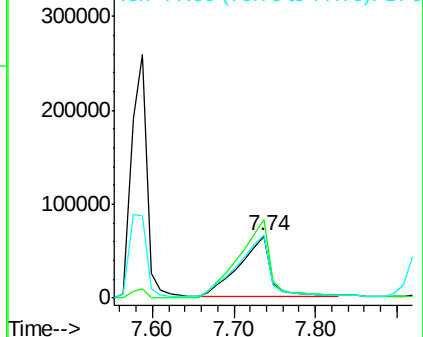


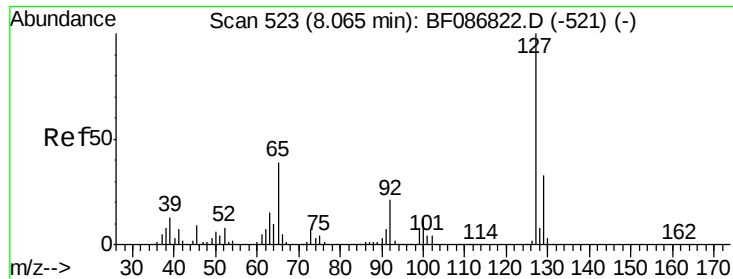
#32
Benzoic acid
Concen: 33.25 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion:122 Resp: 174517
Ion Ratio Lower Upper
122 100
105 127.7 92.6 132.6
77 102.7 60.0 100.0#



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





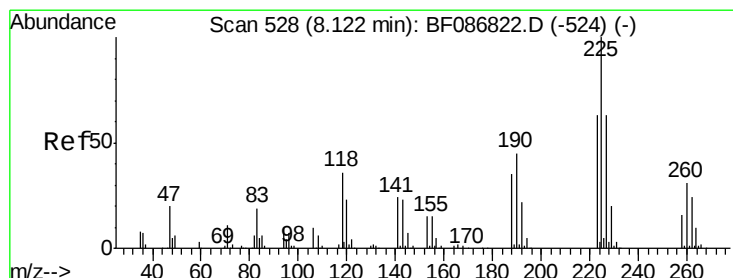
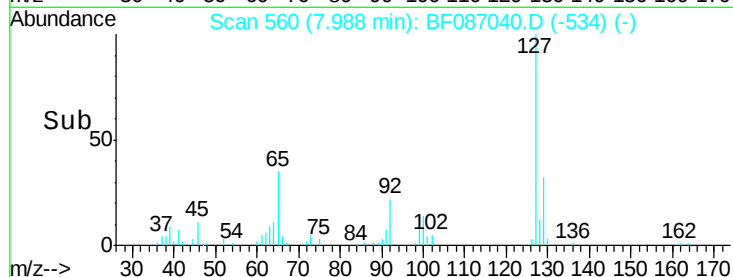
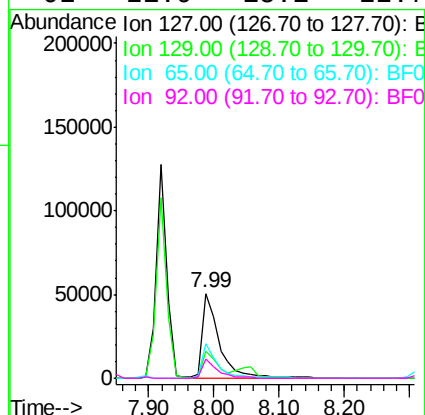
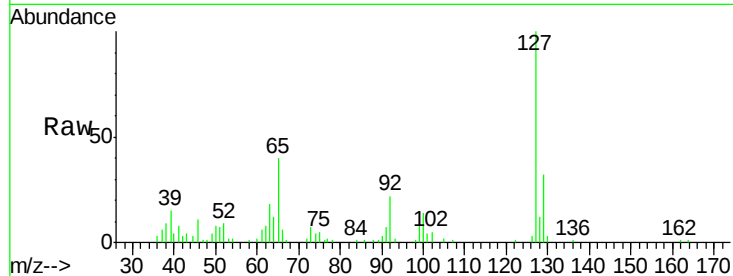
#33
4-Chloroaniline
Concen: 8.08 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.4	26.2	39.4
65	40.0	23.0	34.4
92	21.9	15.1	22.7

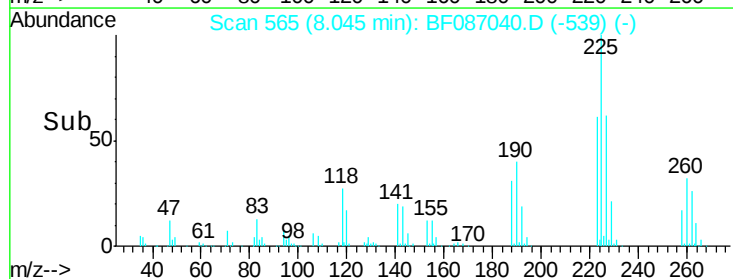
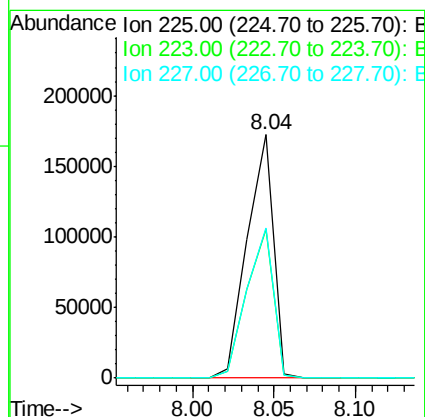
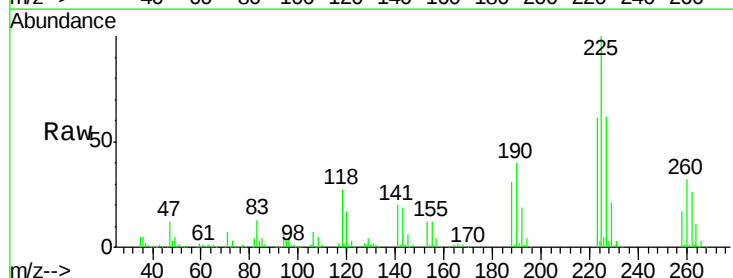
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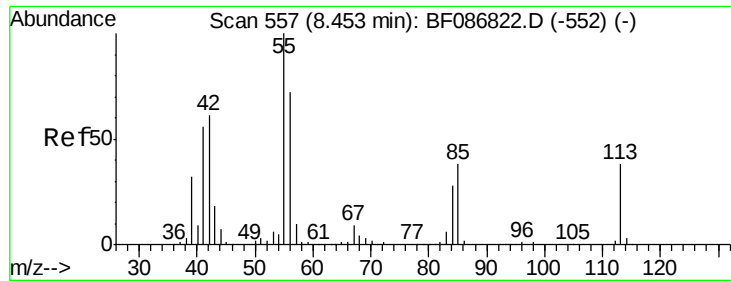
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#34
Hexachlorobutadiene
Concen: 37.81 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	61.3	51.5	77.3
227	61.8	52.2	78.2





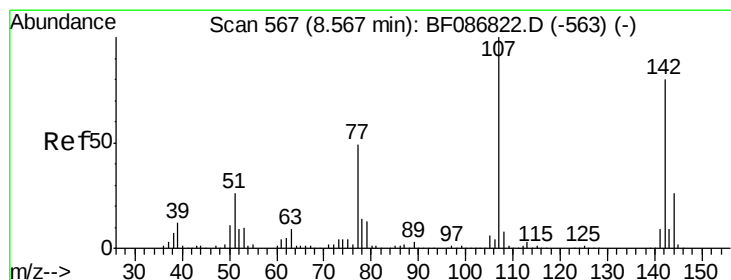
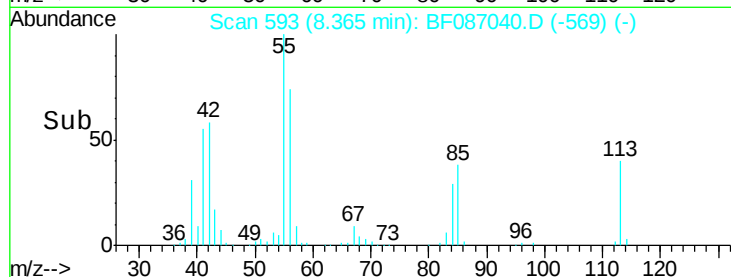
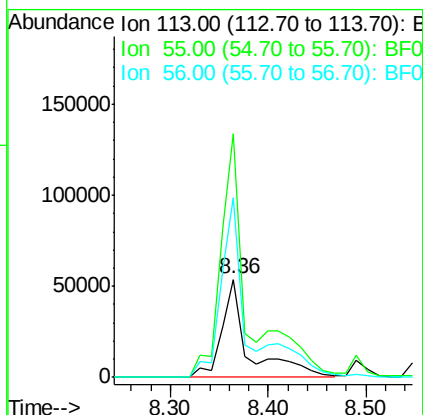
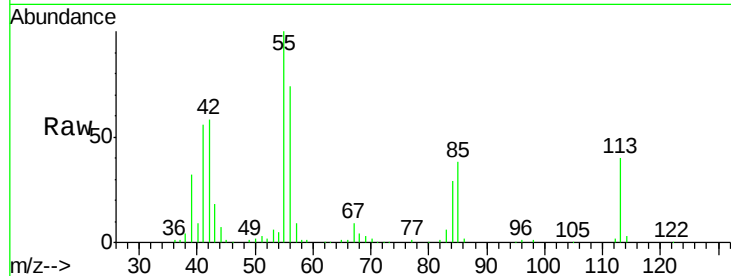
#35
 Caprolactam
 Concen: 38.58 ng m
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	103238		
55	247.6	162.0	202.0#	
56	182.7	115.3	155.3#	

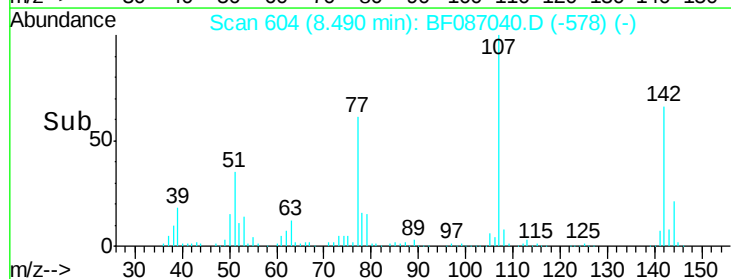
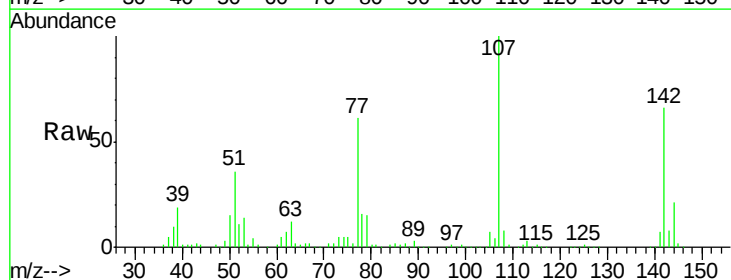
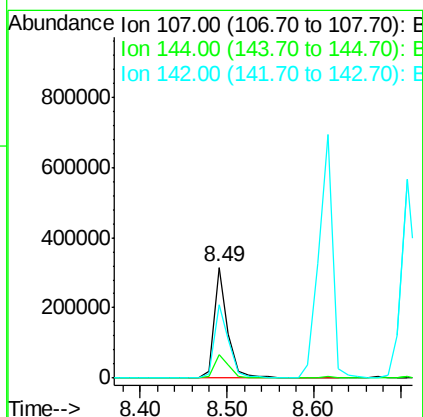
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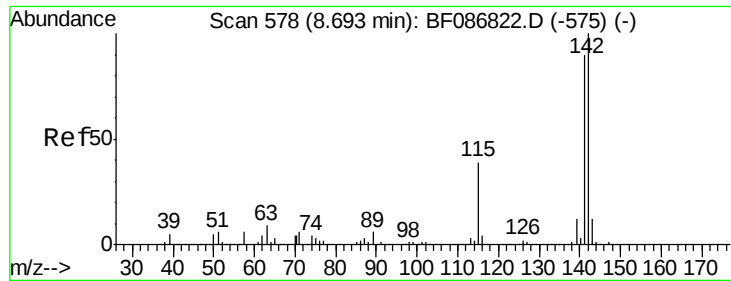
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#36
 4-Chloro-3-methylphenol
 Concen: 36.42 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	347360		
144	21.5	20.7	31.1	
142	66.4	63.2	94.8	





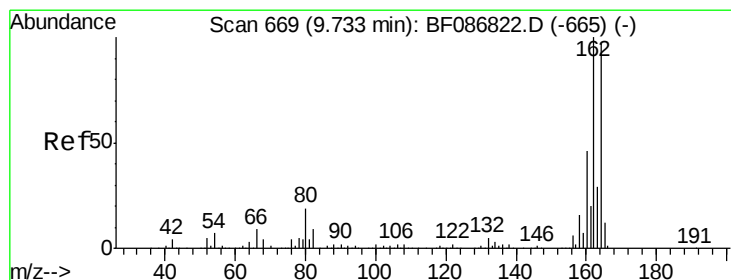
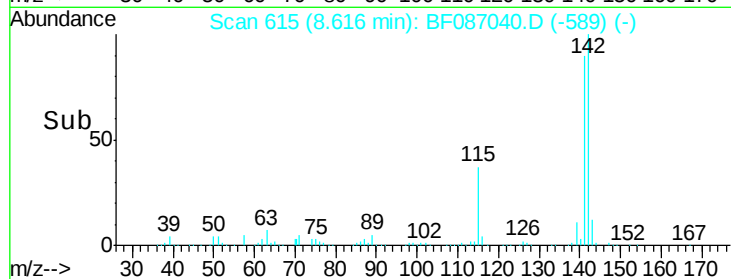
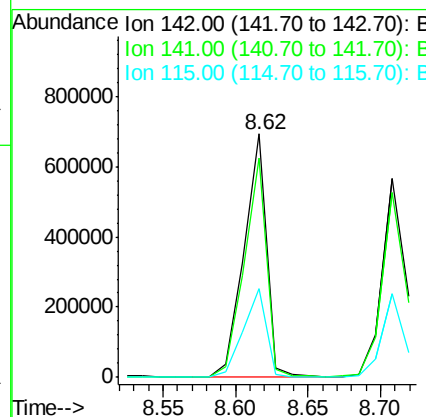
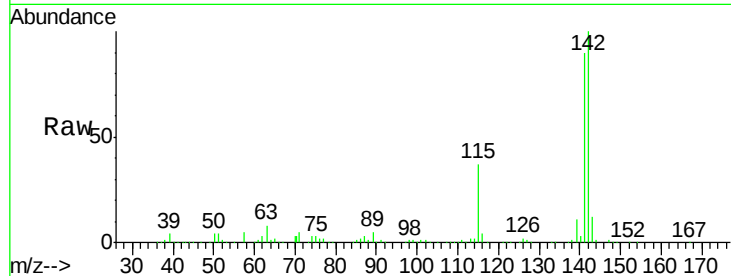
#37
 2-Methylnaphthalene
 Concen: 43.65 ng
 RT: 8.62 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

Tgt Ion:	142	Resp:	744506
Ion Ratio	Lower	Upper	
142	100		
141	89.9	71.0	106.6
115	36.6	26.6	39.8

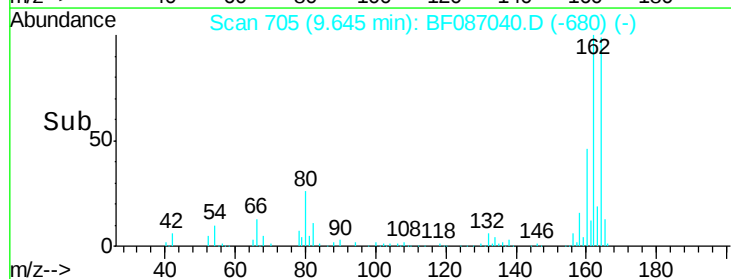
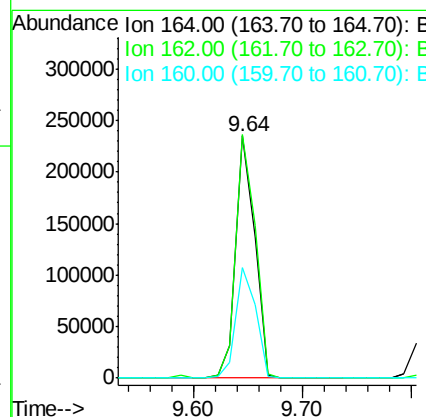
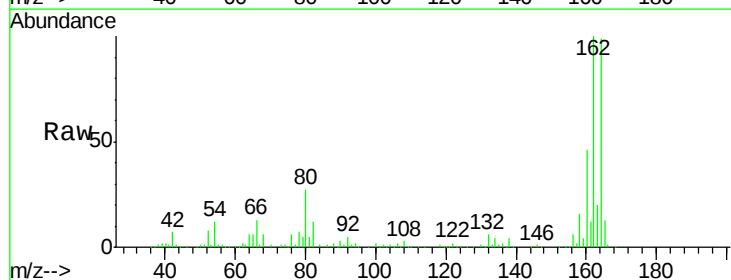
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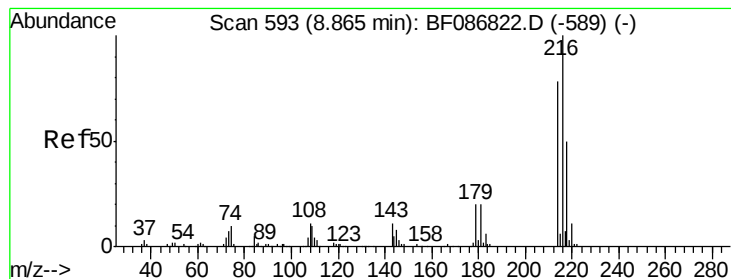
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion:	164	Resp:	281483
Ion Ratio	Lower	Upper	
164	100		
162	100.6	82.8	124.2
160	45.8	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.37 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

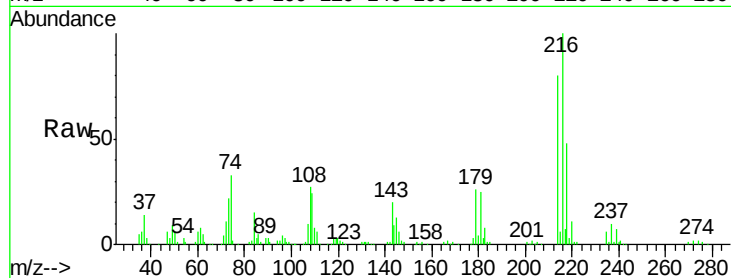
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	289441		
214	79.1	62.6	93.8	
179	23.5	18.2	27.4	
108	26.0	17.5	26.3	

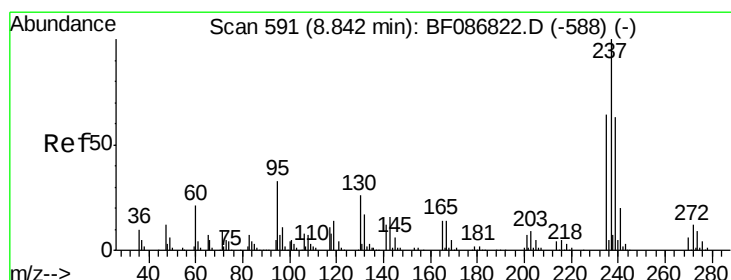
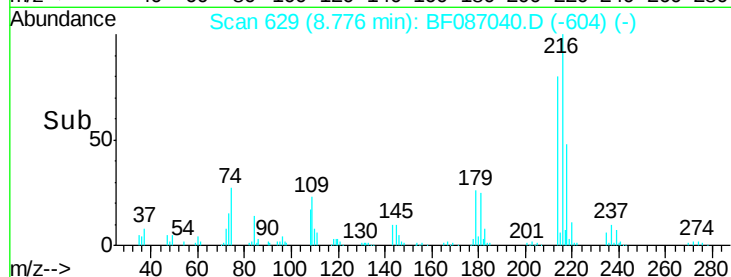
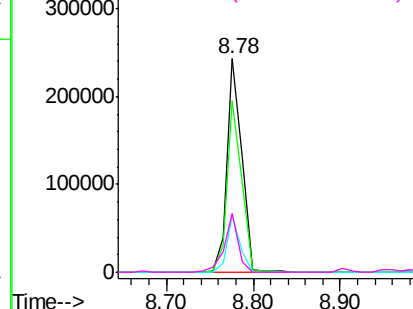


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 64.93 ng

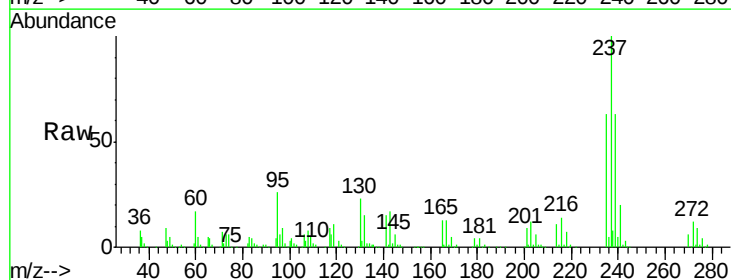
RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

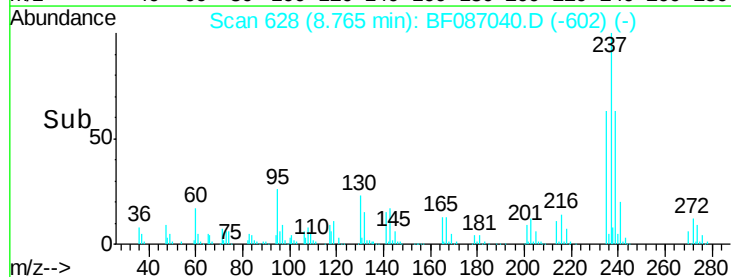
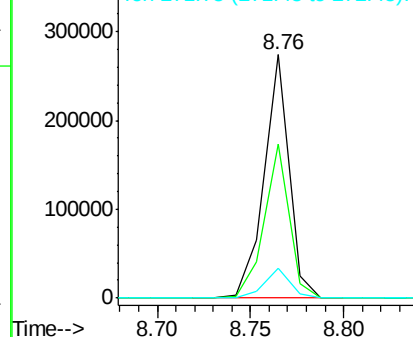
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	252214		
235	63.4	47.2	87.2	
272	12.1	0.0	31.1	

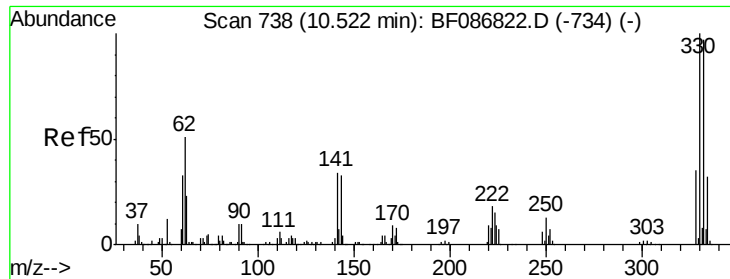


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





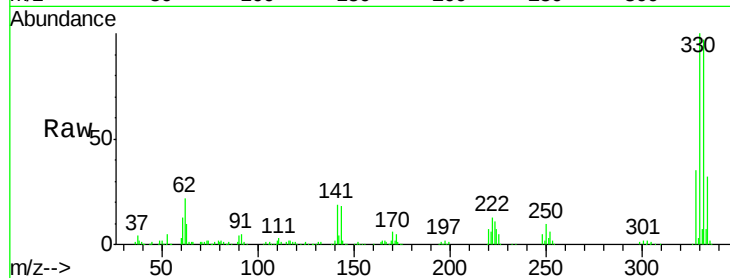
#41
 2,4,6-Tribromophenol
 Concen: 123.57 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

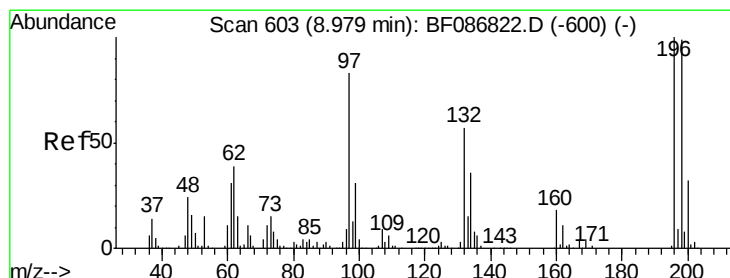
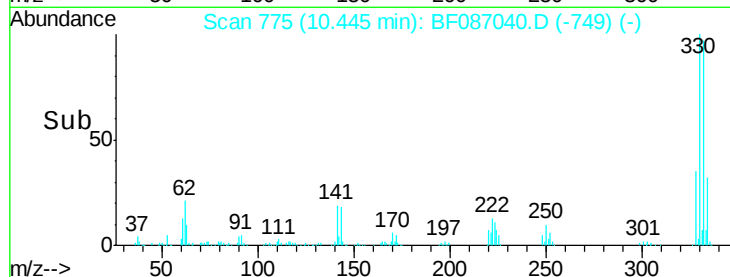
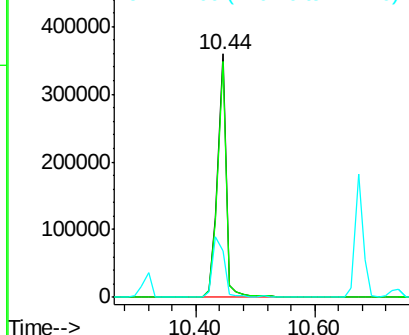
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	368231		
332	96.6	79.0	118.4	
141	32.8	31.2	46.8	

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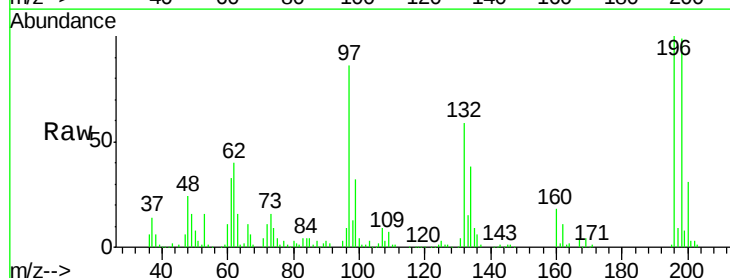


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

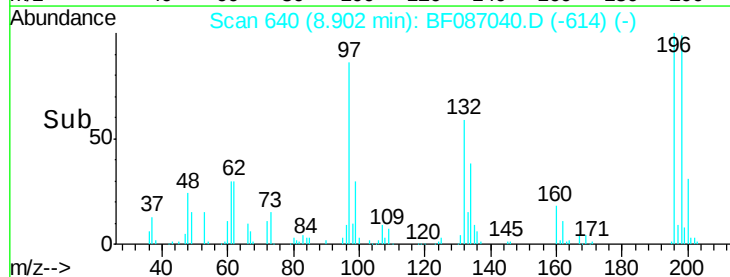
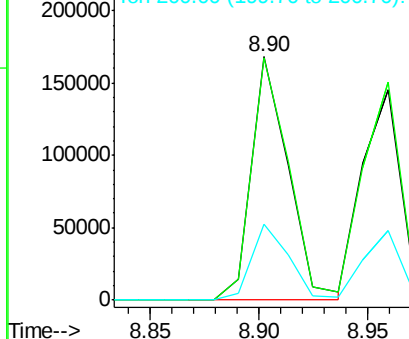


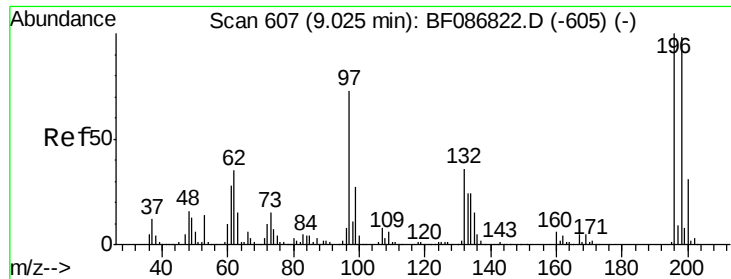
#42
 2,4,6-Trichlorophenol
 Concen: 36.49 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	199711		
198	99.4	74.7	112.1	
200	31.0	23.8	35.6	



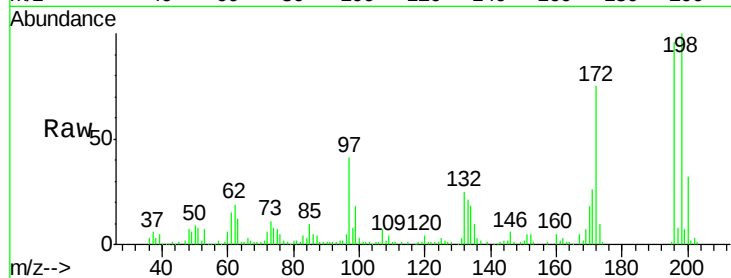
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 34.48 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

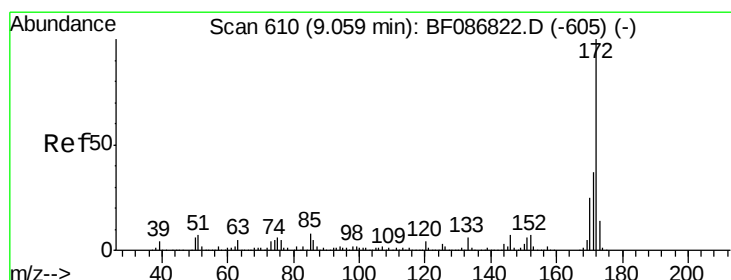
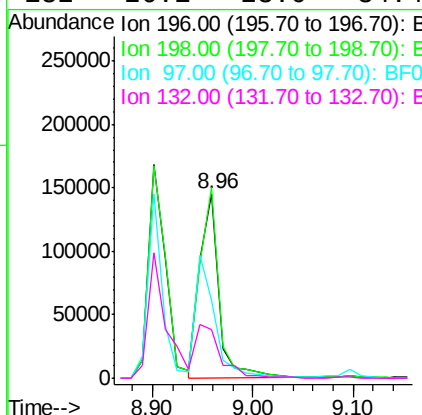
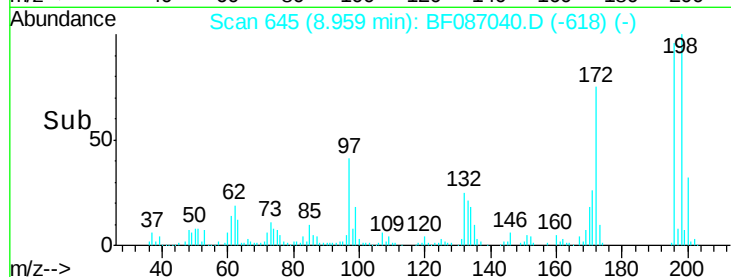
Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS



Tgt Ion	Resp	Lower	Upper
196	100		
198	103.7	77.5	116.3
97	42.5	34.8	52.2
132	26.1	23.0	34.4

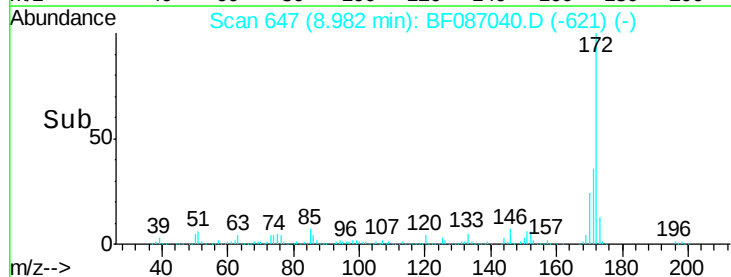
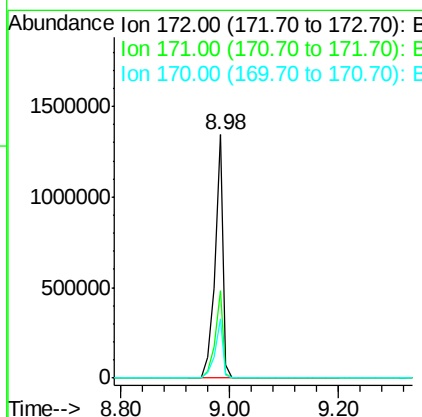
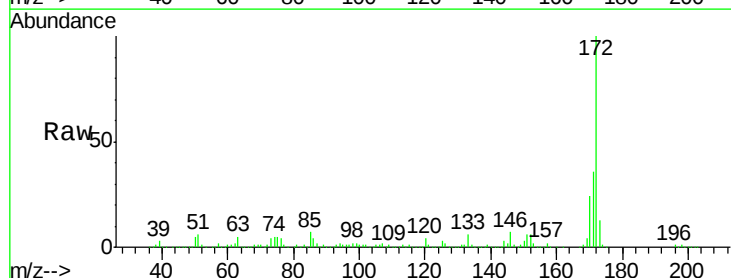
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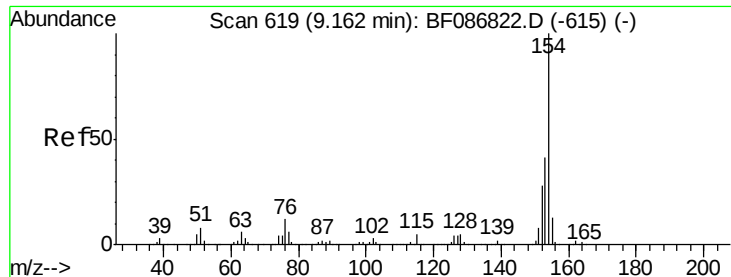
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#44
 2-Fluorobiphenyl
 Concen: 84.21 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.4	19.8	29.8





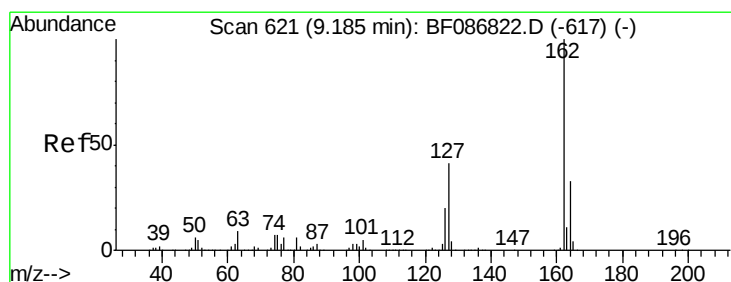
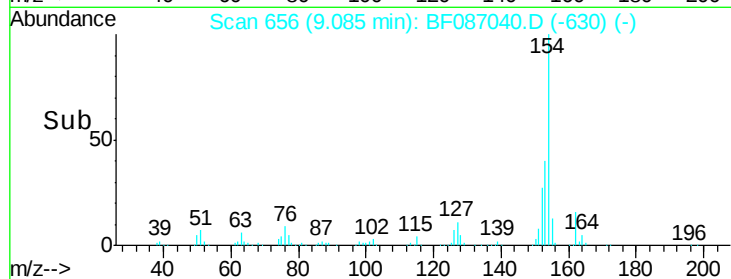
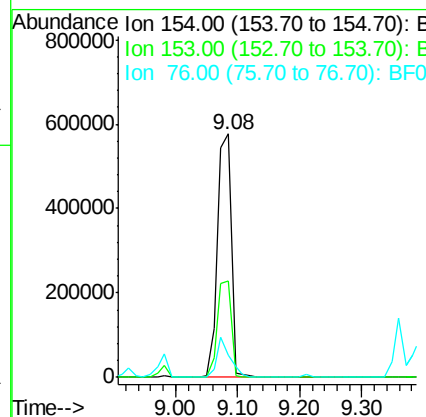
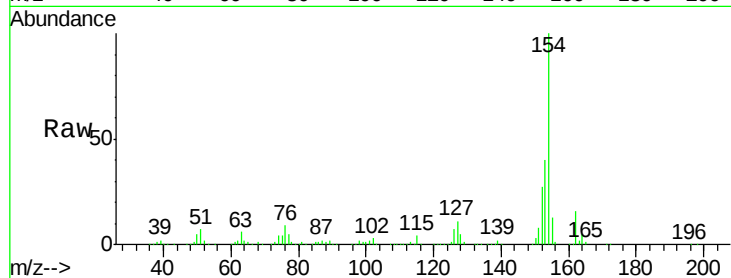
#45
 1,1'-Biphenyl
 Concen: 38.86 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	39.6	20.3	60.3
76	9.0	0.0	30.2

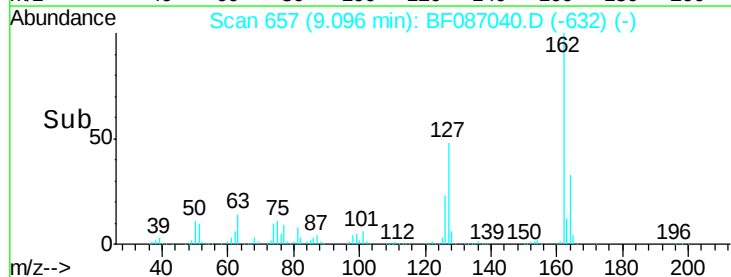
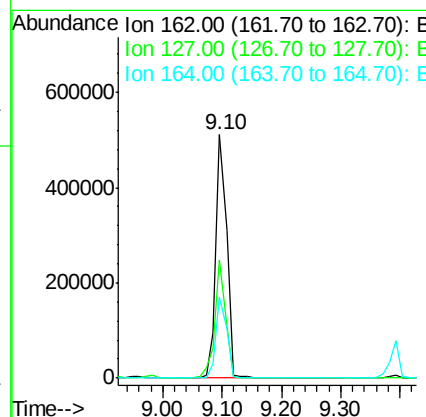
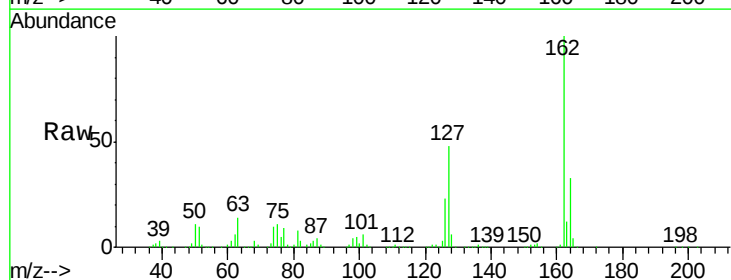
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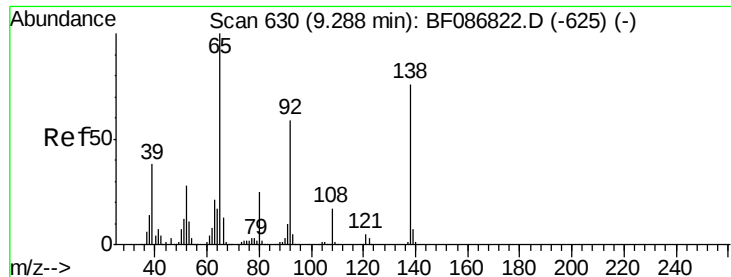
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#46
 2-Chloronaphthalene
 Concen: 36.92 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	48.3	31.8	47.6#
164	33.1	27.0	40.6





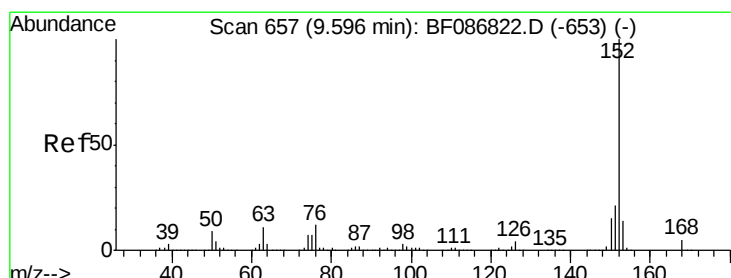
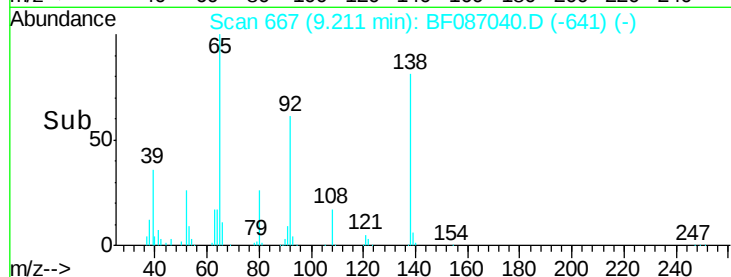
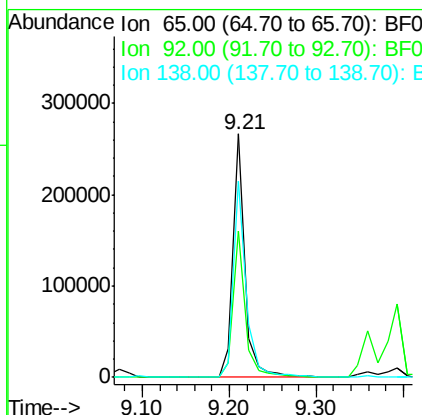
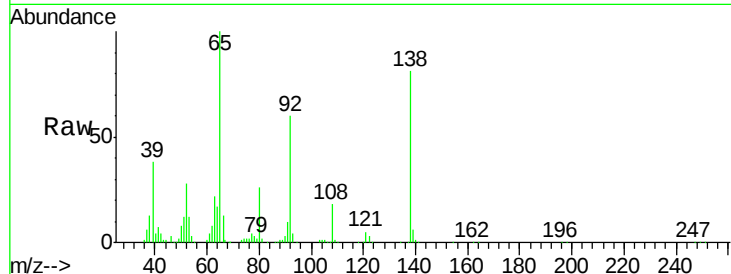
#47
 2-Nitroaniline
 Concen: 39.78 ng
 RT: 9.21 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	60.1	57.4	86.2
138	80.5	90.1	135.1#

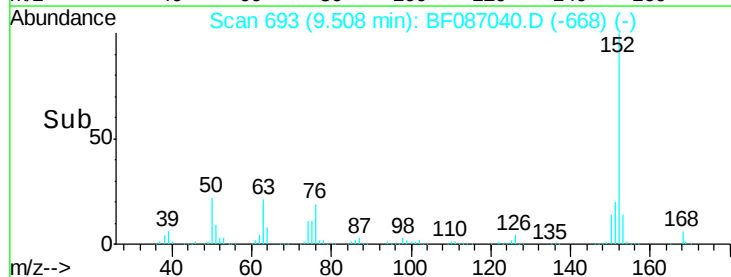
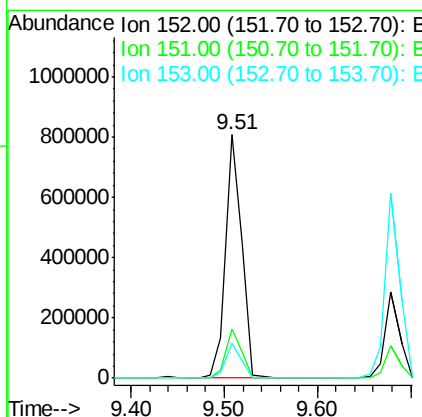
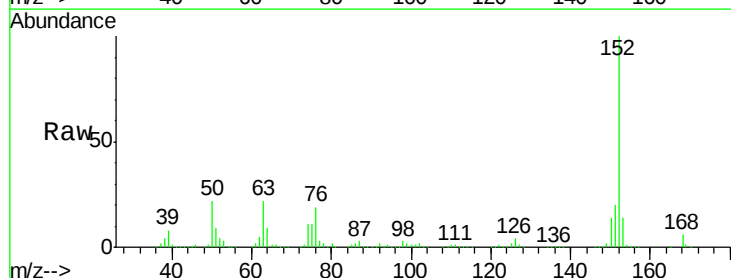
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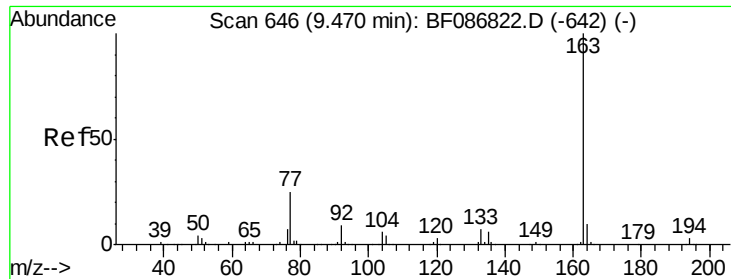
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#48
 Acenaphthylene
 Concen: 37.91 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	20.4	16.8	25.2
153	14.3	10.9	16.3





#49

Dimethylphthalate

Concen: 38.64 ng

RT: 9.39 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

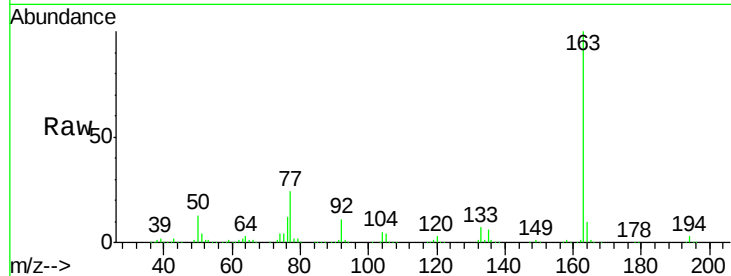
ClientSampleId :

PB90466BS

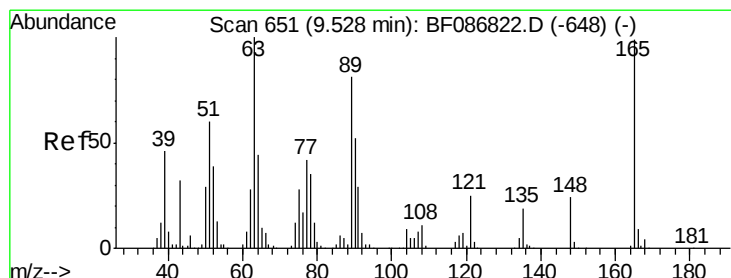
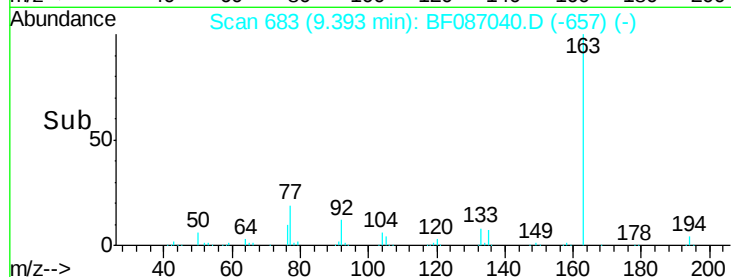
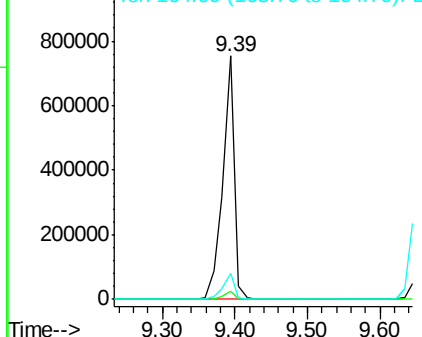
Tgt Ion:	163	Resp:	829821
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	10.4	8.2	12.4

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 34.99 ng

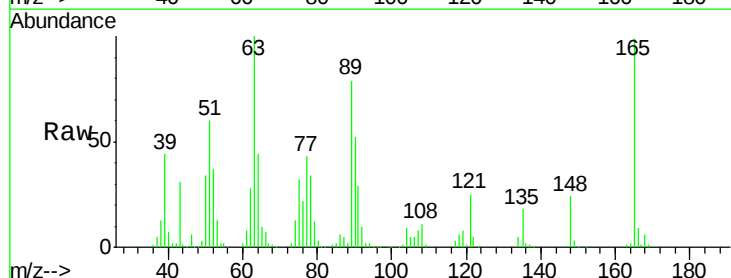
RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

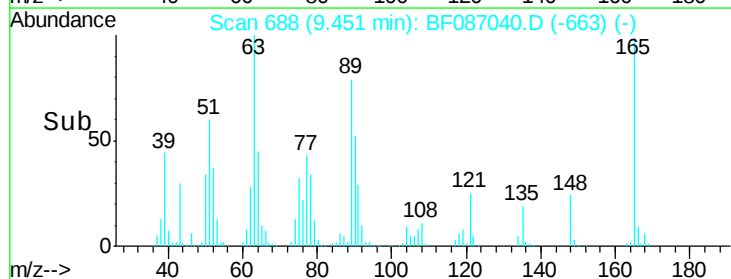
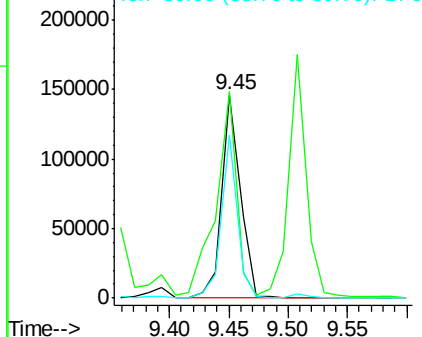
Lab File: BF087040.D

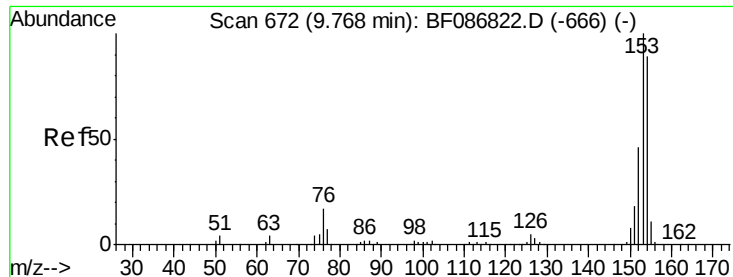
Acq: 15 May 2016 1:02

Tgt Ion:	165	Resp:	158133
Ion Ratio	Lower	Upper	
165	100		
63	101.3	51.8	77.8#
89	80.1	50.7	76.1#



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





#51

Acenaphthene

Concen: 37.47 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF087040.D

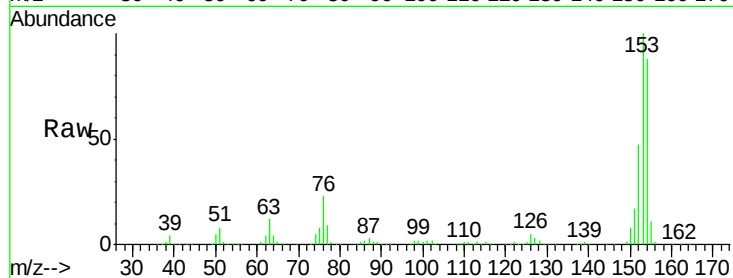
Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

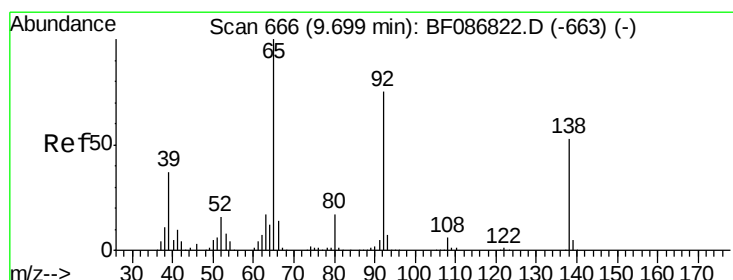
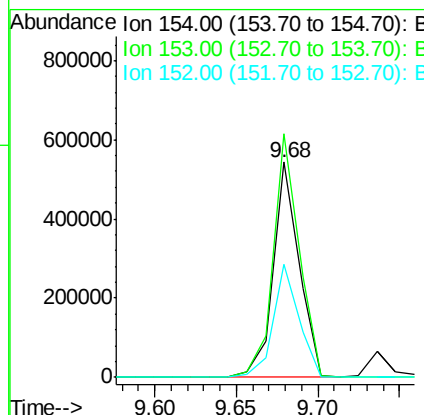
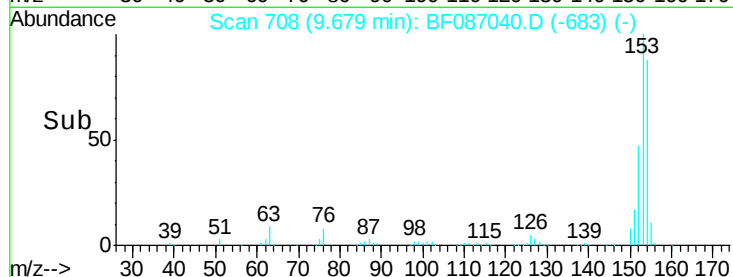
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Tgt Ion:	154	Resp:	601318
Ion Ratio	Lower	Upper	
154	100		
153	113.2	89.8	134.6
152	52.8	43.4	65.0

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#52

3-Nitroaniline

Concen: 13.51 ng

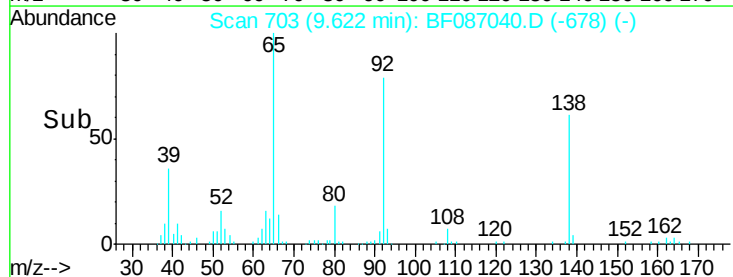
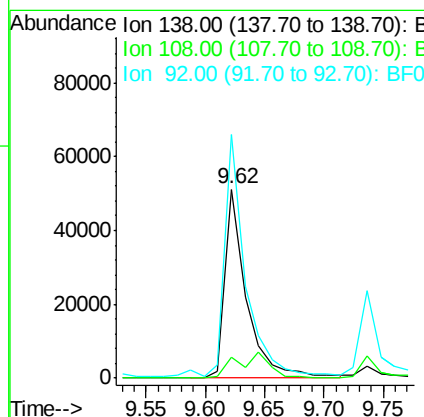
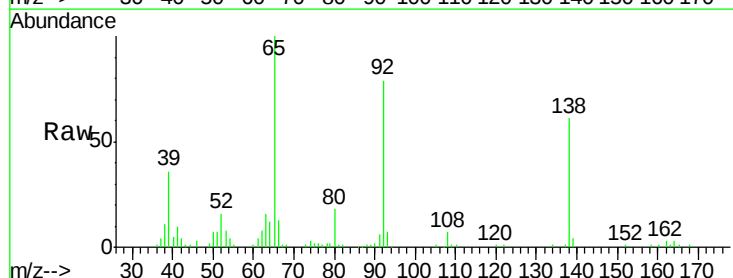
RT: 9.62 min Scan# 703

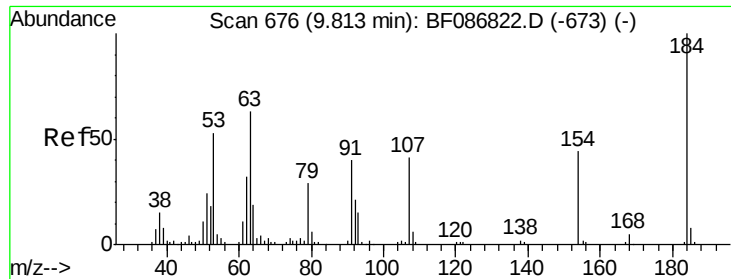
Delta R.T. -0.01 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Tgt Ion:	138	Resp:	64281
Ion Ratio	Lower	Upper	
138	100		
108	10.9	7.8	11.6
92	128.7	87.8	131.8





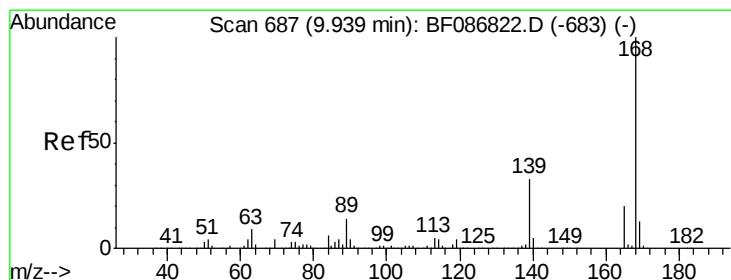
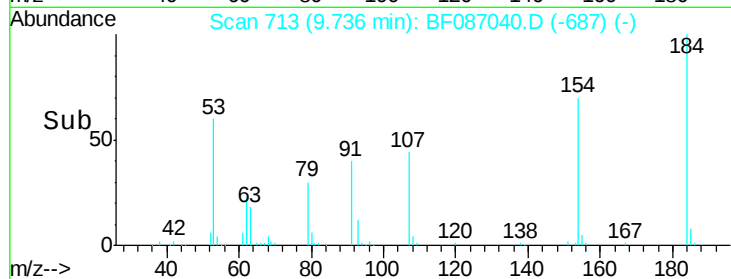
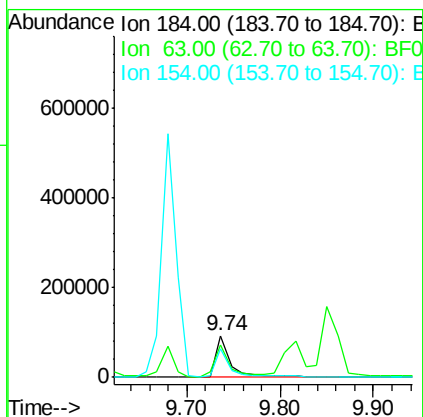
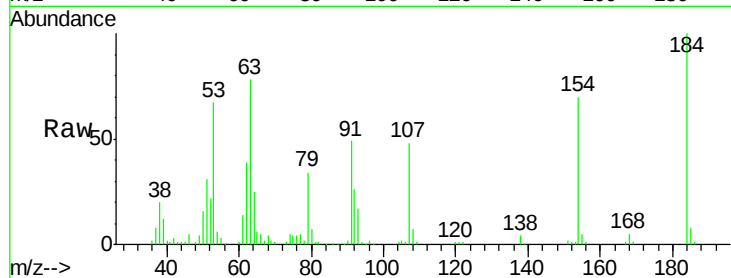
#53
2,4-Dinitrophenol
Concen: 49.44 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
63	78.1	55.8	83.8
154	69.5	62.4	93.6

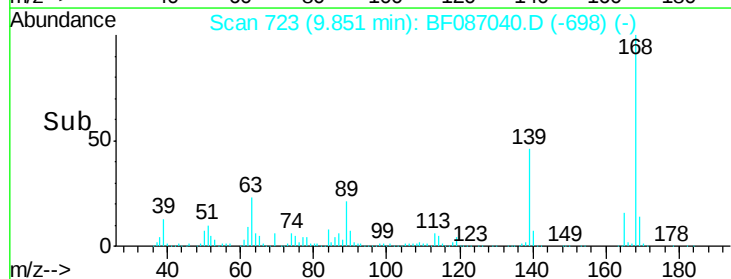
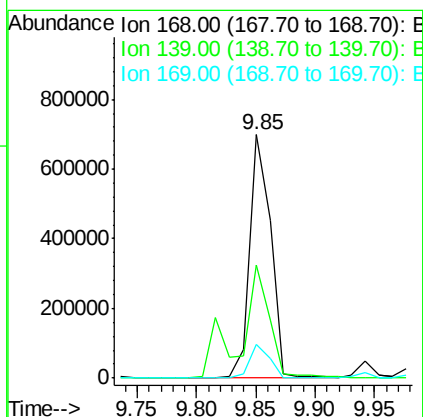
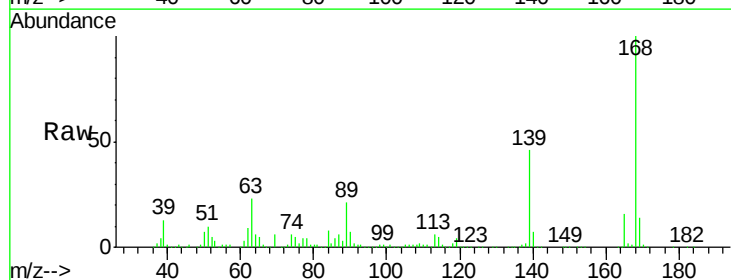
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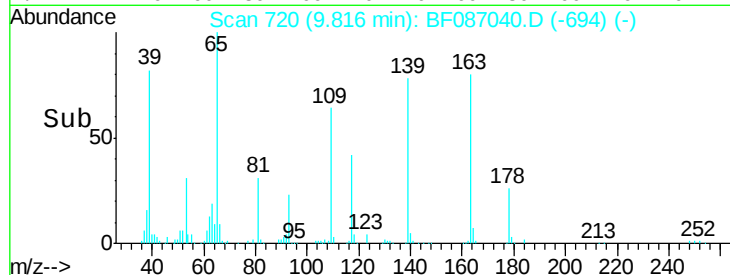
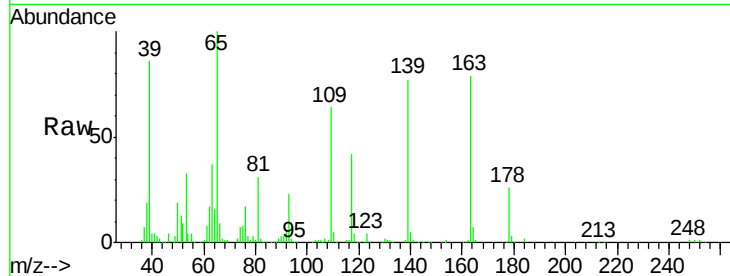
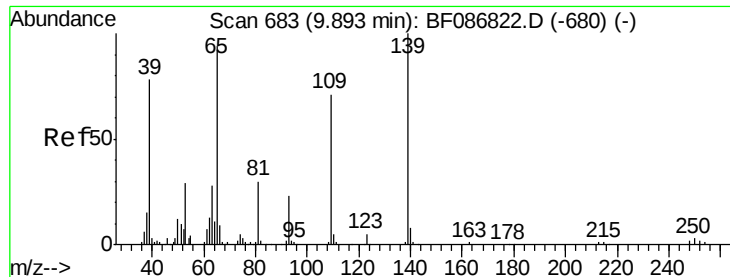
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#54
Dibenzofuran
Concen: 42.12 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
168	100		
139	46.4	31.4	47.0
169	13.9	10.7	16.1





#55

4-Nitrophenol

Concen: 65.41 ng m

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Tgt Ion:	139	Resp:	204705
Ion Ratio	Lower	Upper	
139	100		
109	83.3	36.9	76.9#
65	129.1	64.0	104.0#

Instrument :

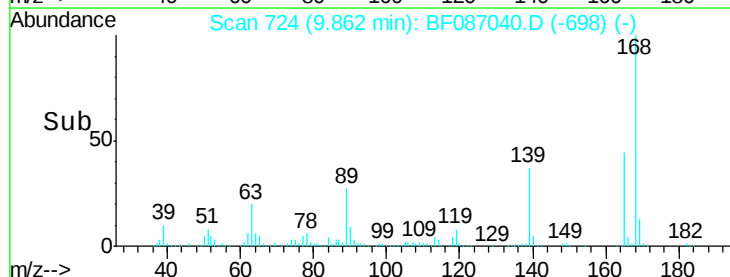
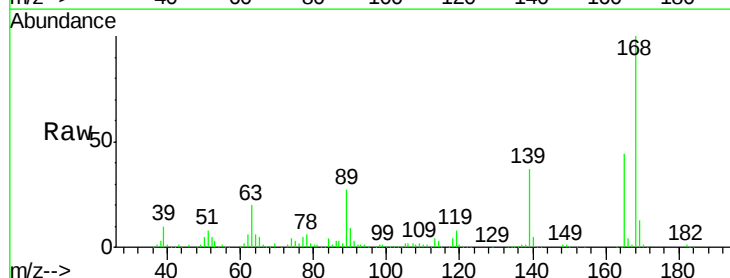
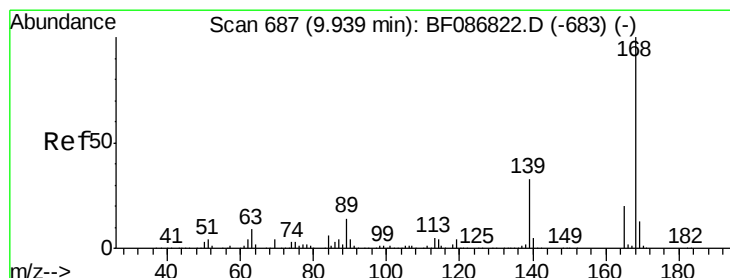
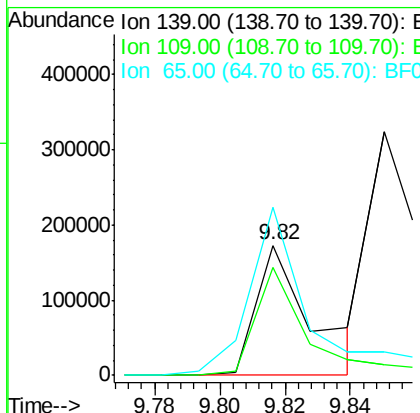
BNA_F

ClientSampleId :

PB90466BS

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#56

2,4-Dinitrotoluene

Concen: 42.03 ng

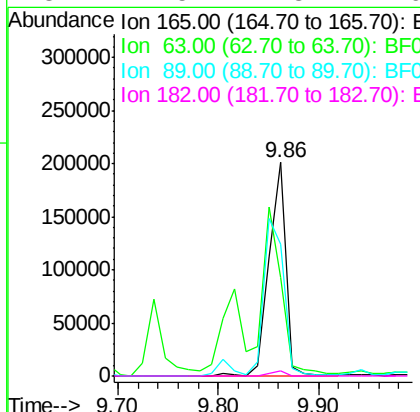
RT: 9.86 min Scan# 724

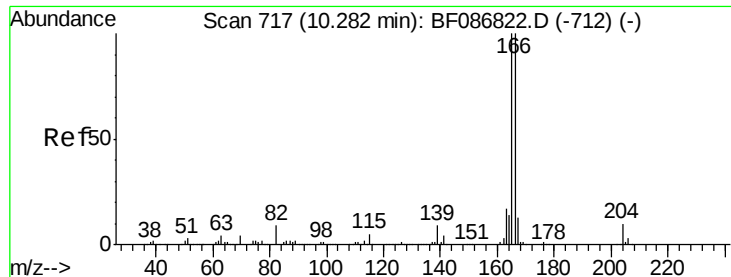
Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Tgt Ion:	165	Resp:	235096
Ion Ratio	Lower	Upper	
165	100		
63	46.2	44.3	66.5
89	61.8	70.0	105.0#
182	2.5	1.8	2.6





#57

Fluorene

Concen: 36.14 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

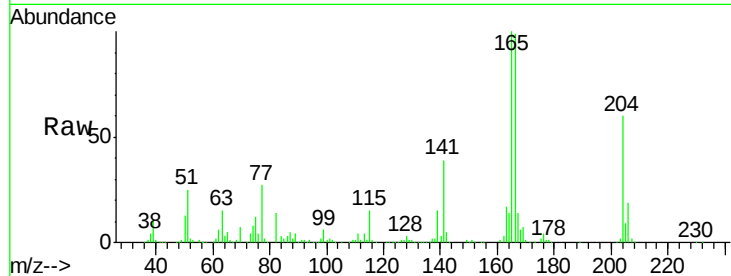
ClientSampleId :

PB90466BS

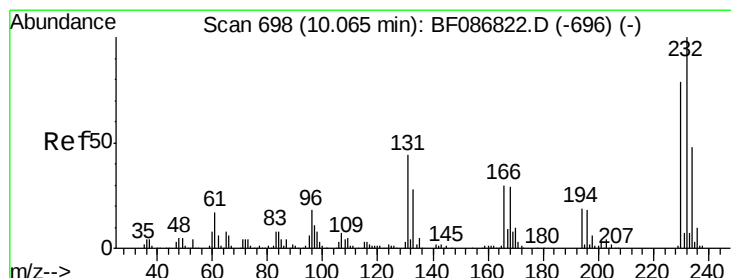
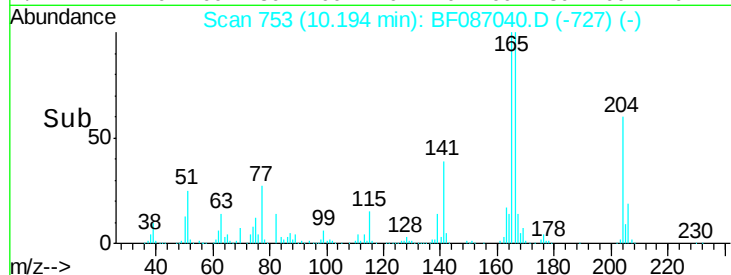
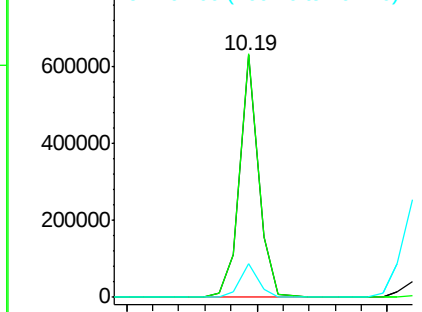
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.6	79.0	118.6	
167	13.9	10.6	15.8	



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: 42.26 ng

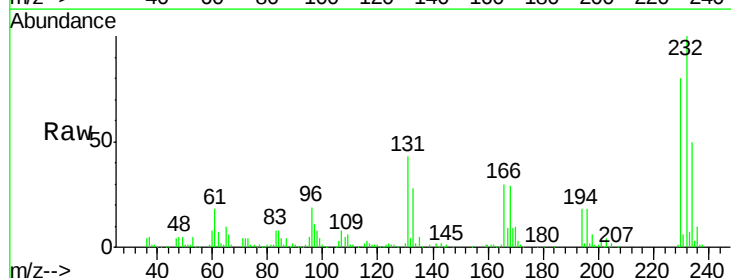
RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

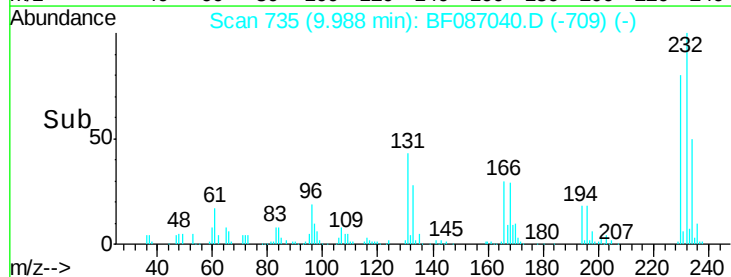
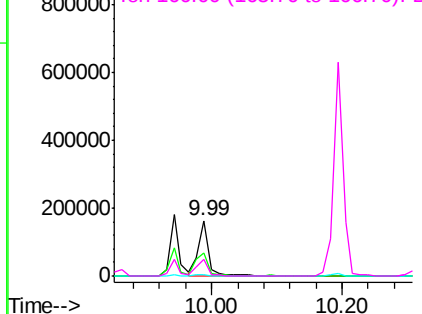
Lab File: BF087040.D

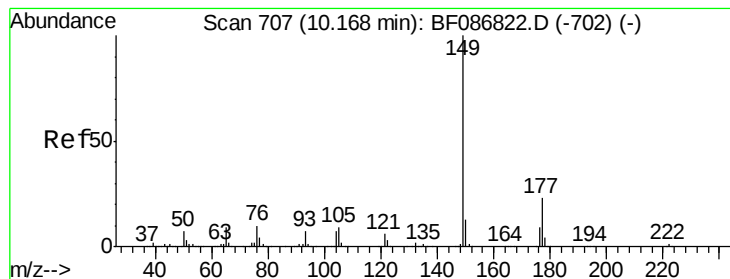
Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	51.1	41.9	62.9	
130	2.7	2.2	3.4	
166	31.6	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: 40.29 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

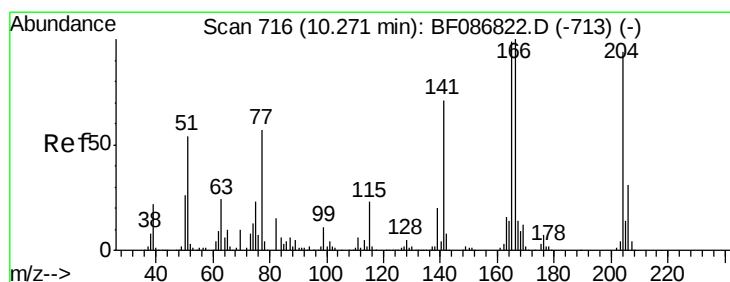
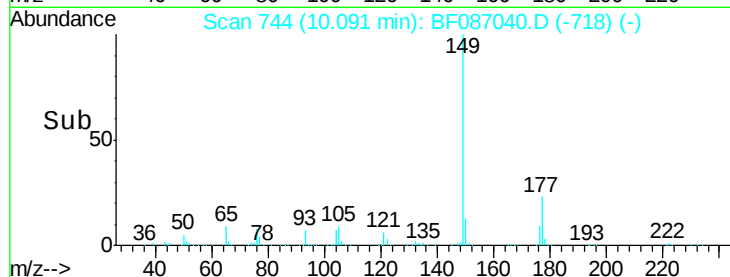
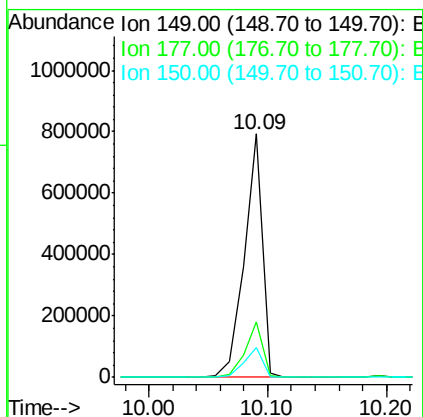
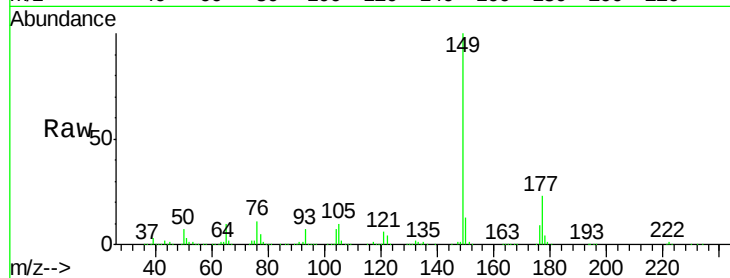
ClientSampleId :

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Tgt Ion:	149	Resp:	843147
Ion Ratio	Lower	Upper	
149	100		
177	22.8	16.6	24.8
150	12.5	10.0	15.0

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#60

4-Chlorophenyl-phenylether

Concen: 44.03 ng

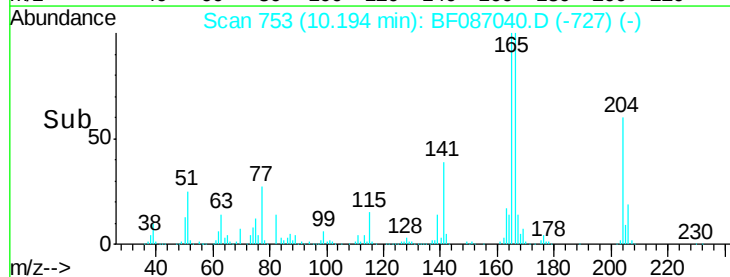
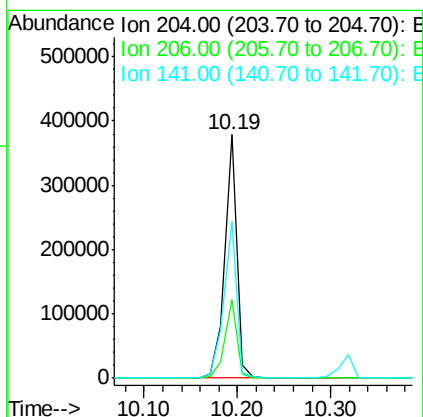
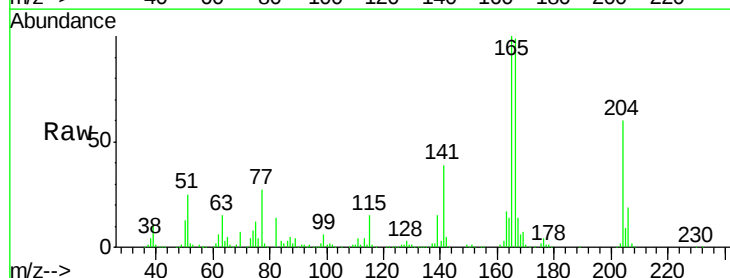
RT: 10.19 min Scan# 753

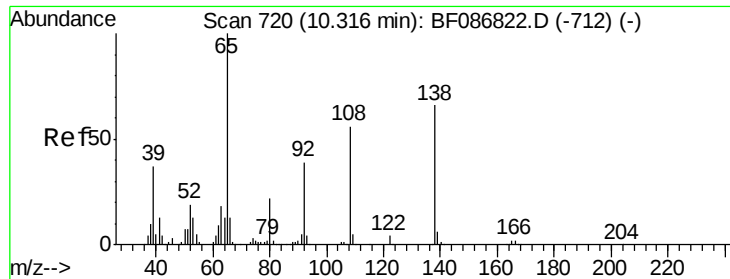
Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Tgt Ion:	204	Resp:	338367
Ion Ratio	Lower	Upper	
204	100		
206	32.2	25.4	38.0
141	64.5	61.6	92.4





#61

4-Nitroaniline

Concen: 33.94 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF087040.D

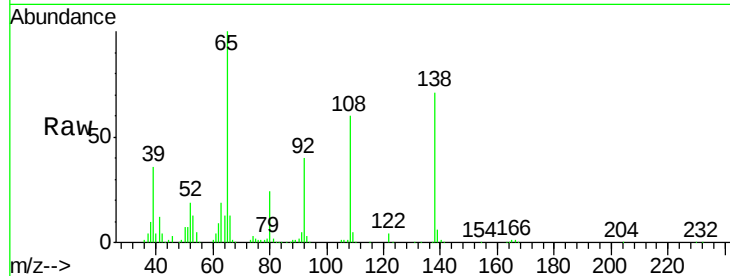
Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

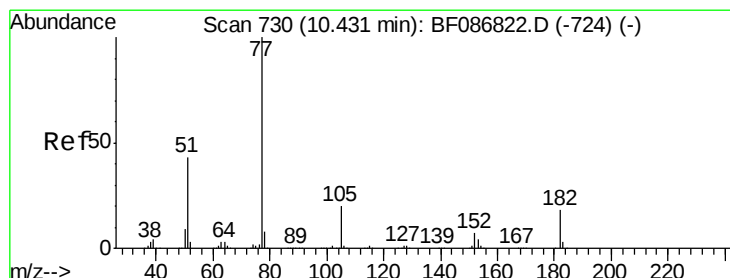
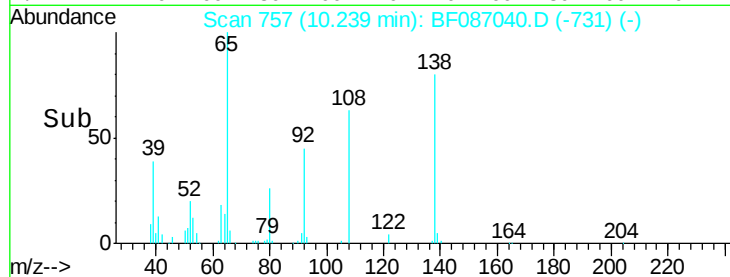
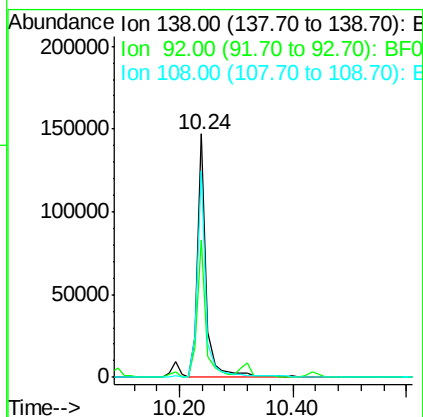
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Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.3	24.7	64.7
108	84.6	37.4	77.4#

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#62

Azobenzene

Concen: 43.77 ng

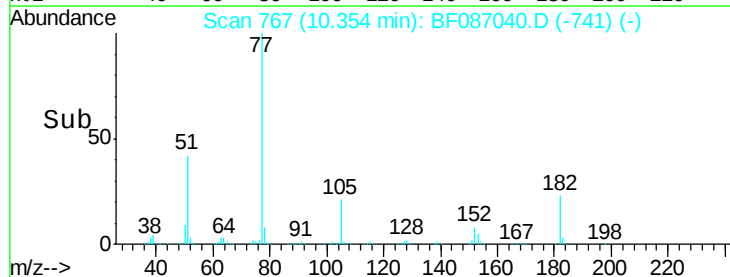
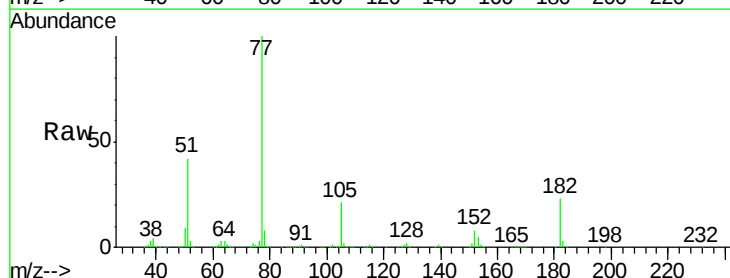
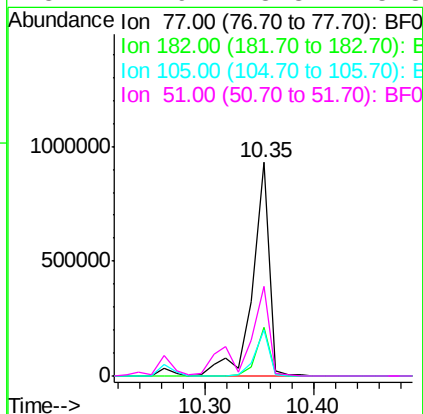
RT: 10.35 min Scan# 767

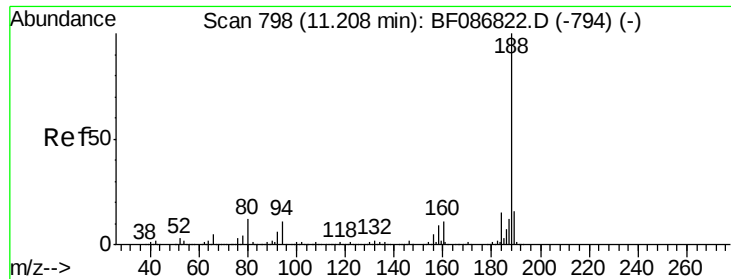
Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.5	0.0	38.8
105	21.4	3.2	43.2
51	41.9	8.8	48.8





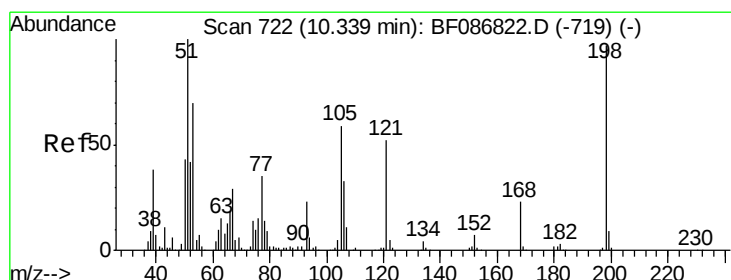
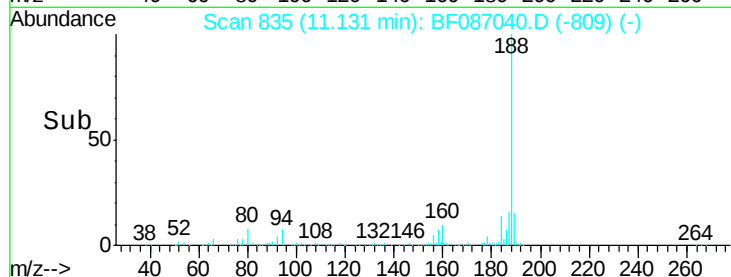
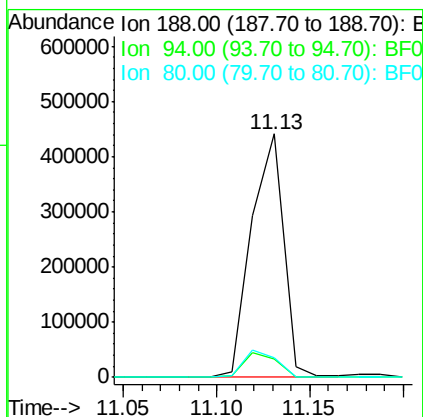
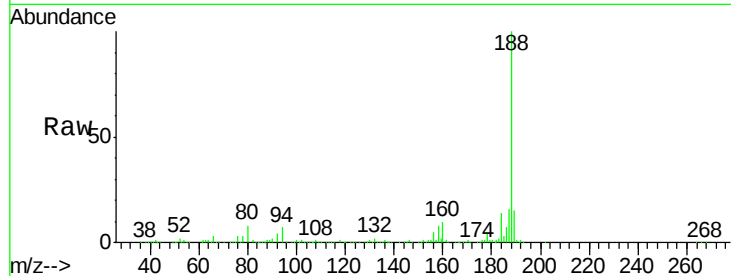
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.4	6.8	10.2
80	7.8	7.1	10.7

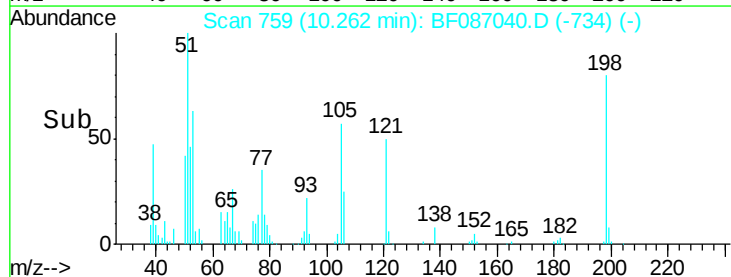
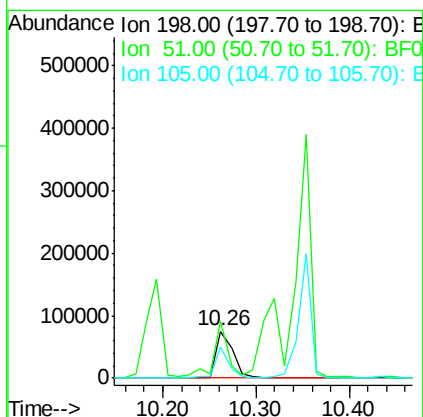
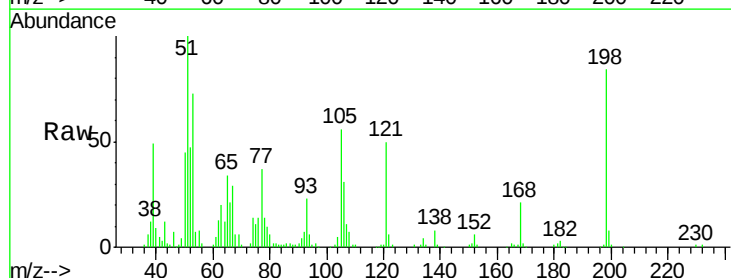
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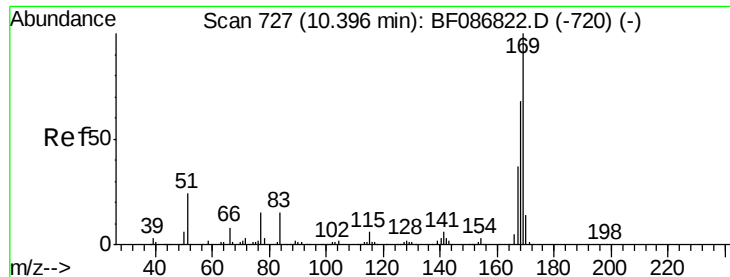
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#64
4,6-Dinitro-2-methylphenol
Concen: 29.35 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	119.5	20.5	60.5#
105	66.8	24.5	64.5#





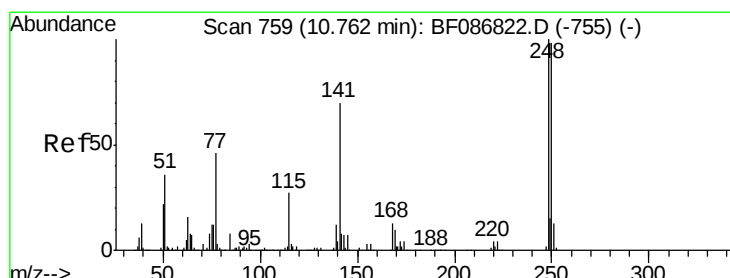
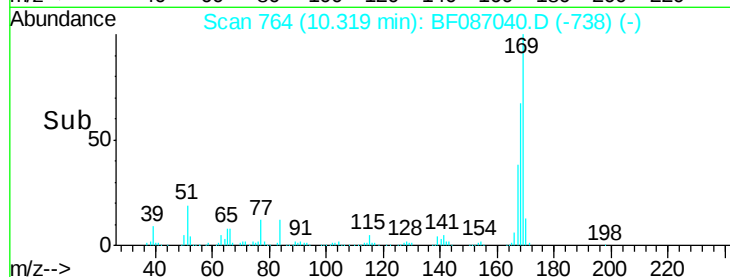
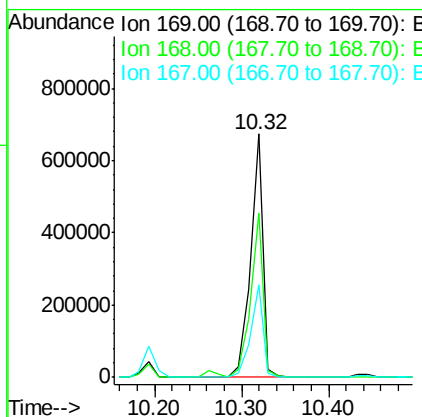
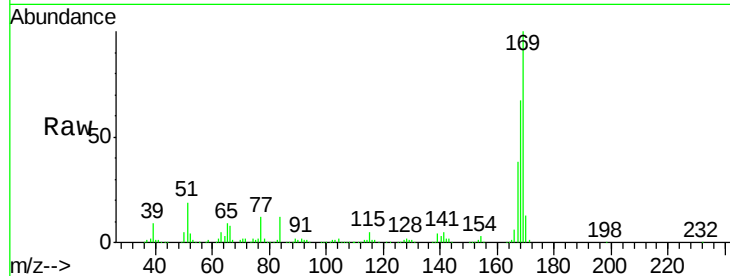
#65
n-Nitrosodiphenylamine
Concen: 41.65 ng
RT: 10.32 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	675370		
168	67.2	53.8	80.6	
167	37.8	29.5	44.3	

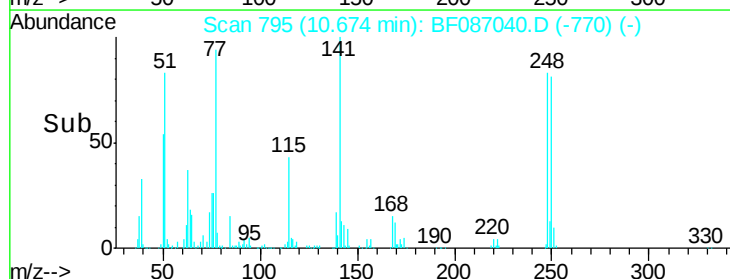
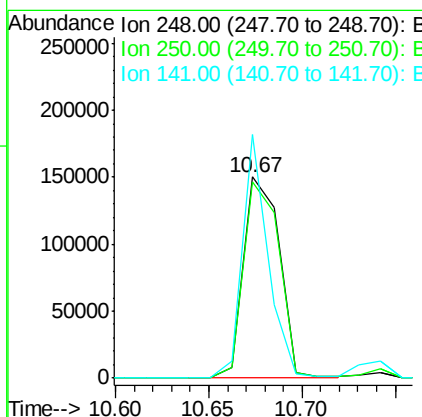
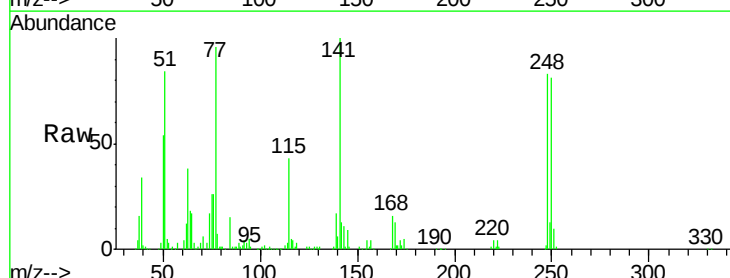
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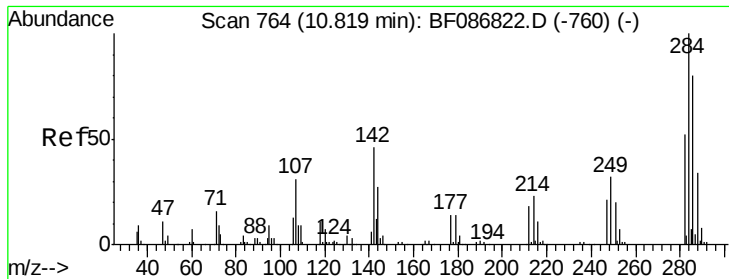
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#66
4-Bromophenyl-phenylether
Concen: 37.47 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	200515		
250	97.7	78.6	117.8	
141	121.1	76.0	114.0	





#67

Hexachlorobenzene

Concen: 40.73 ng

RT: 10.74 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF087040.D

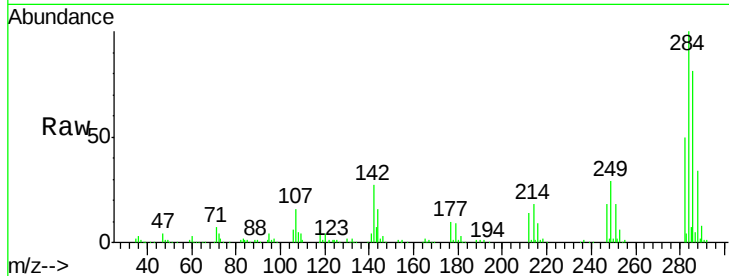
Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

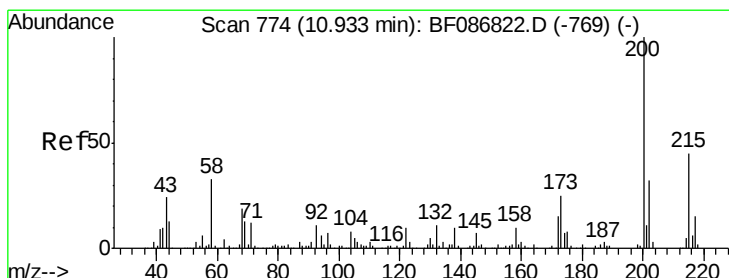
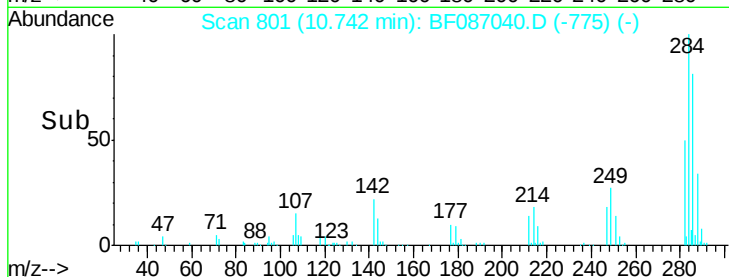
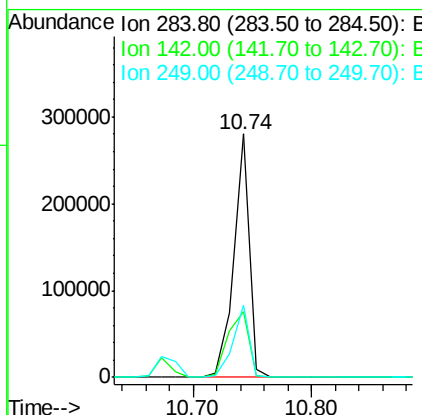
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Tgt Ion:	284	Resp:	254755
Ion Ratio	100	Lower	Upper
284	100		
142	27.0	16.7	25.1#
249	29.4	21.3	31.9

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#68

Atrazine

Concen: 39.47 ng

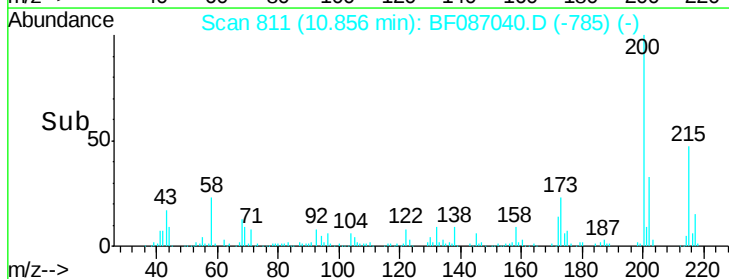
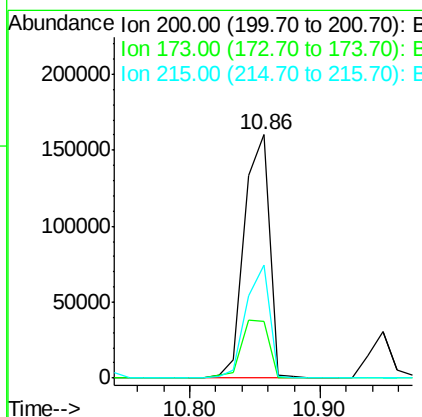
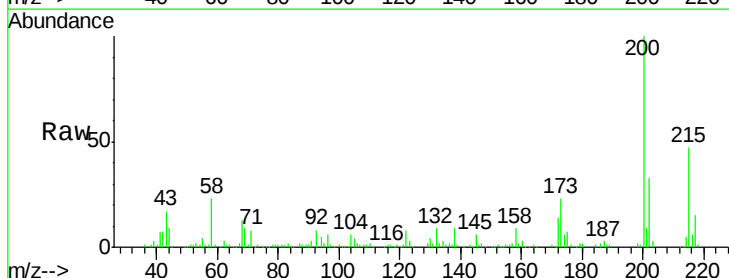
RT: 10.86 min Scan# 811

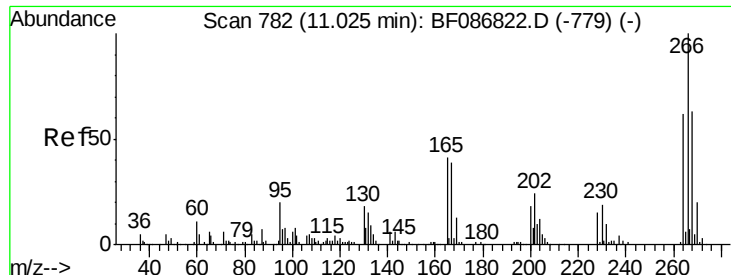
Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Tgt Ion:	200	Resp:	213800
Ion Ratio	100	Lower	Upper
200	100		
173	23.1	8.5	48.5
215	46.6	27.2	67.2





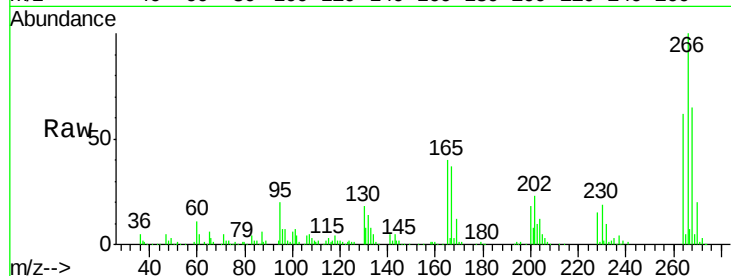
#69
 Pentachlorophenol
 Concen: 70.51 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

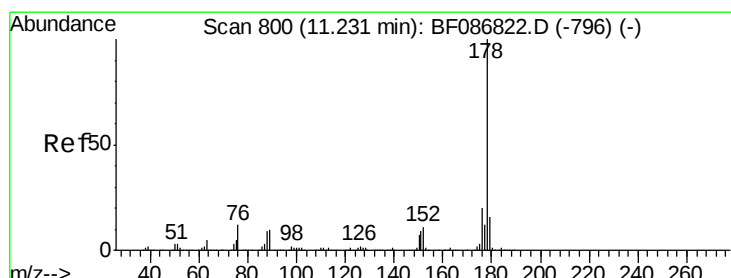
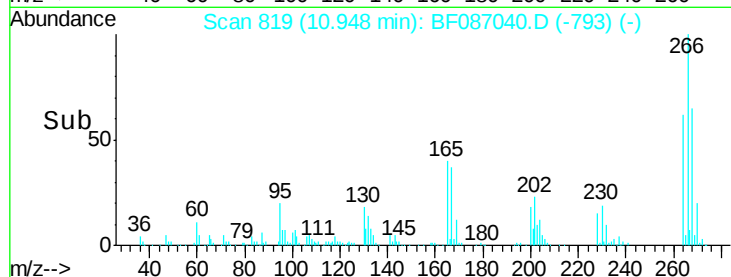
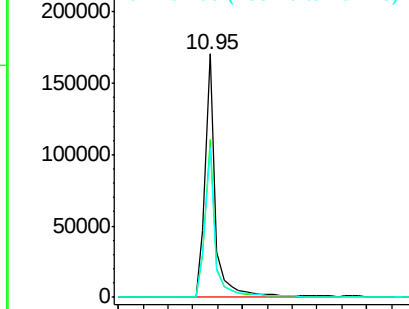
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	203818		
268	65.0	51.5	77.3	
264	61.9	52.9	79.3	

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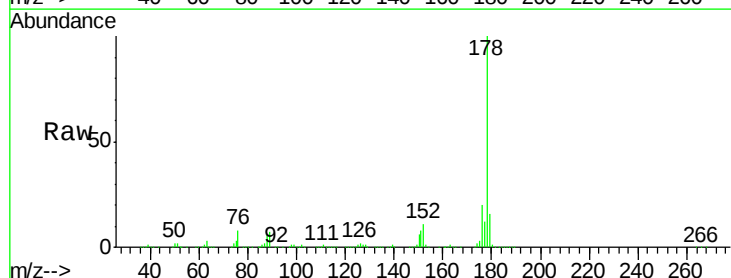


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

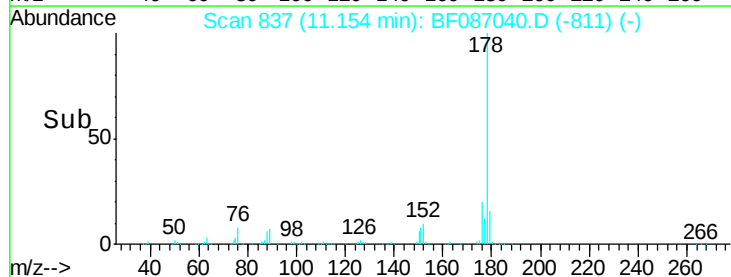
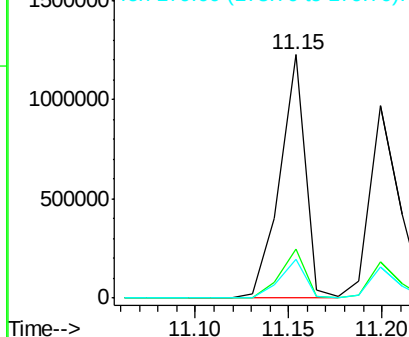


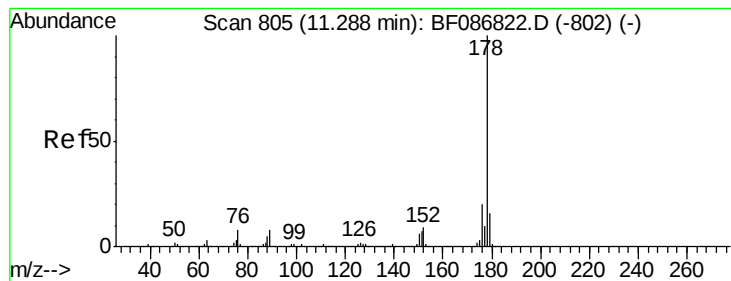
#70
 Phenanthrene
 Concen: 41.27 ng
 RT: 11.15 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1162552		
176	20.0	16.0	24.0	
179	15.7	12.6	18.8	



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





#71

Anthracene

Concen: 36.45 ng

RT: 11.20 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

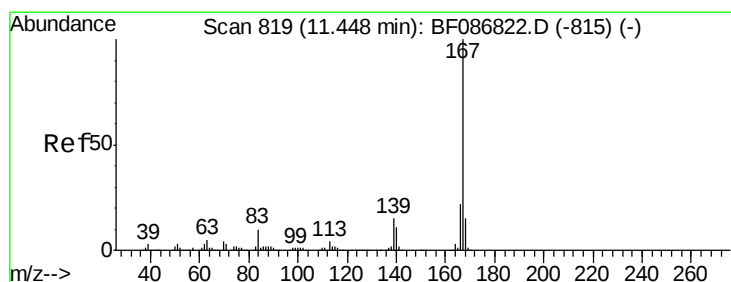
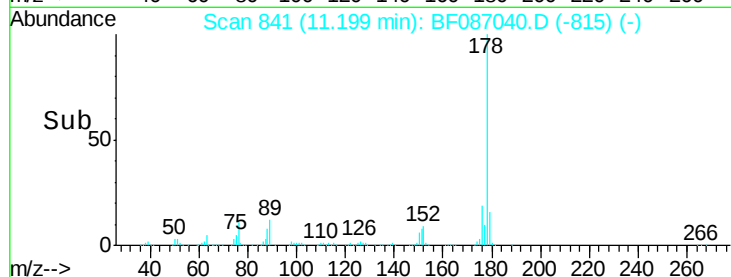
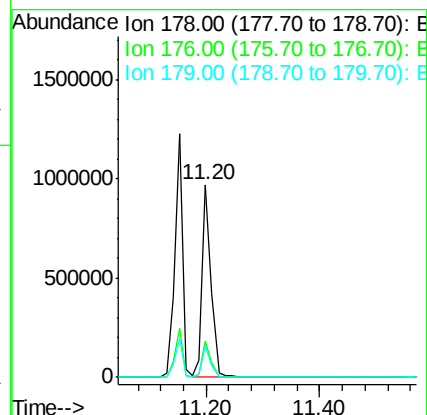
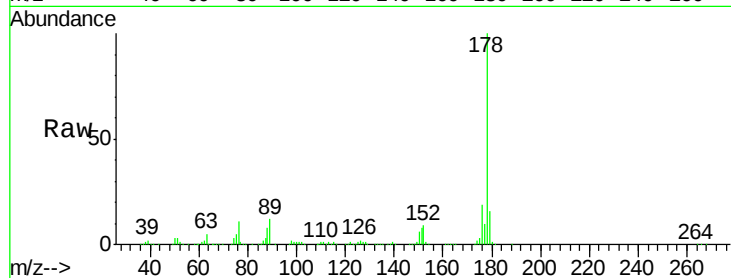
ClientSampleId :

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Tgt Ion:178 Resp: 1050221
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 16.0 12.7 19.1



#72

Carbazole

Concen: 42.62 ng

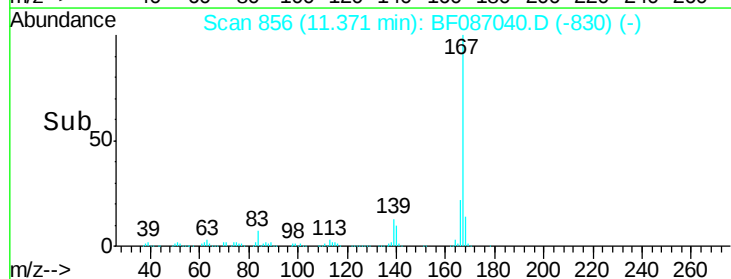
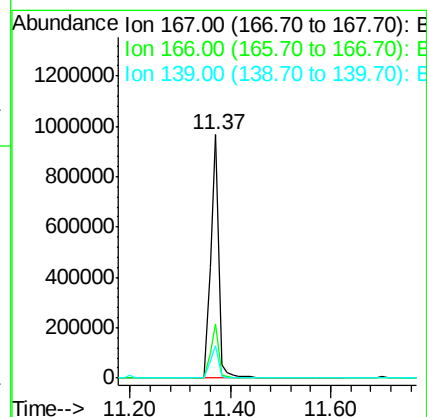
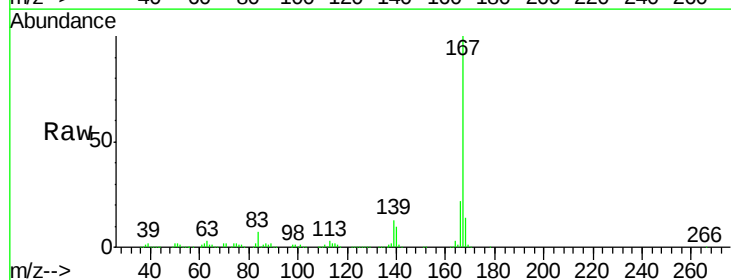
RT: 11.37 min Scan# 856

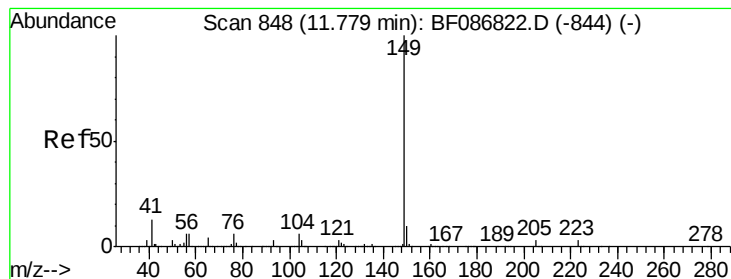
Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Tgt Ion:167 Resp: 1055384
Ion Ratio Lower Upper
167 100
166 22.3 17.7 26.5
139 13.3 10.8 16.2





#73

Di-n-butylphthalate

Concen: 40.10 ng

RT: 11.70 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

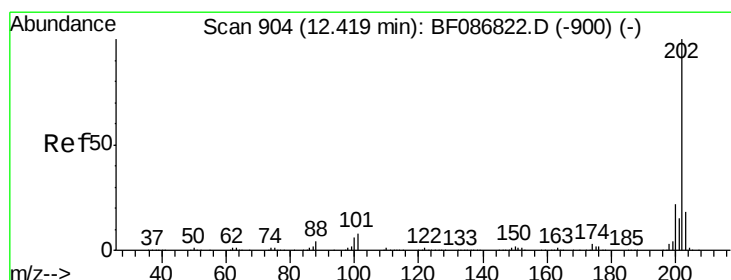
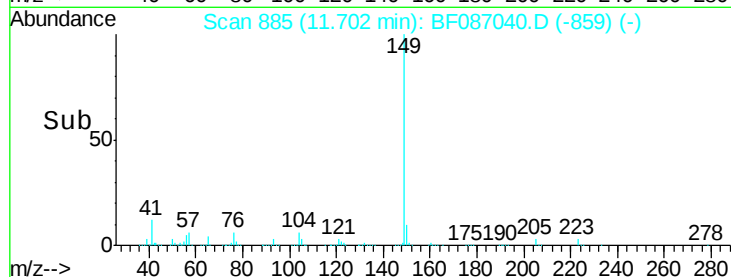
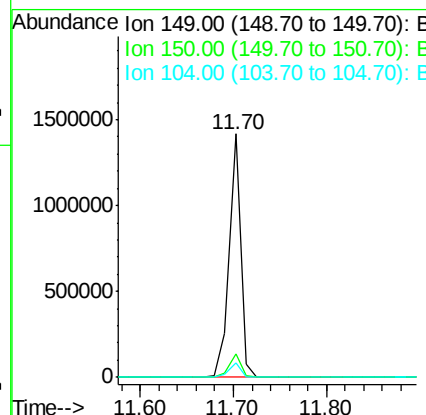
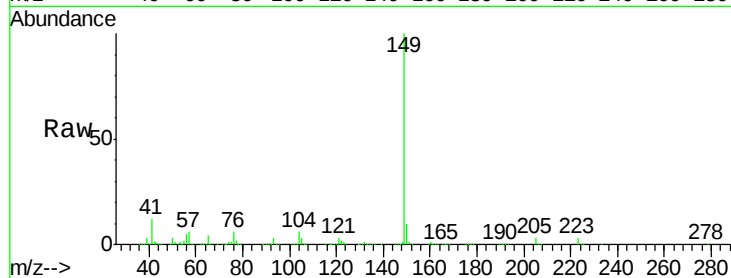
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Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	6.0	3.8	5.6



#74

Fluoranthene

Concen: 36.12 ng

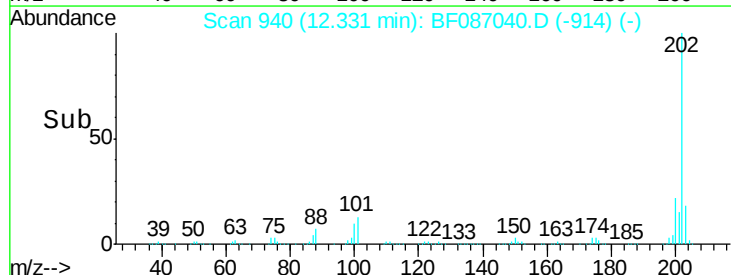
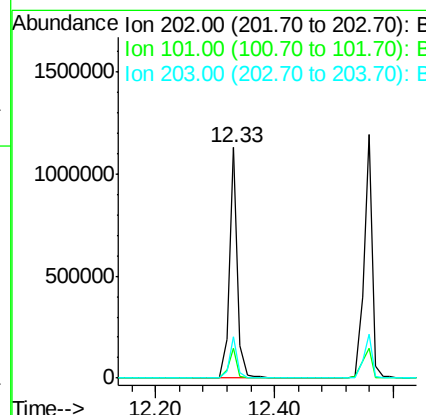
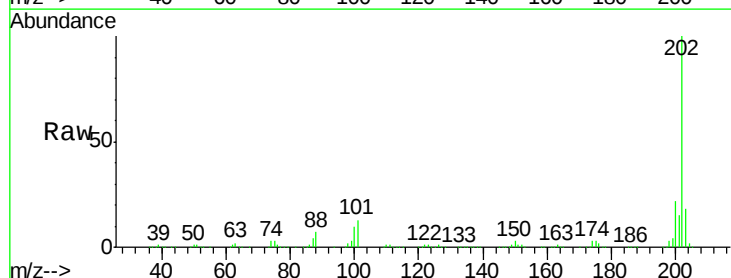
RT: 12.33 min Scan# 940

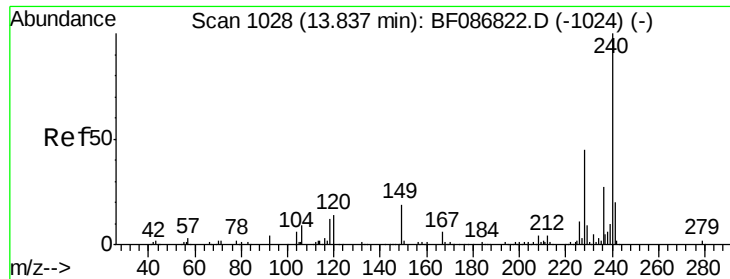
Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	35.4
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

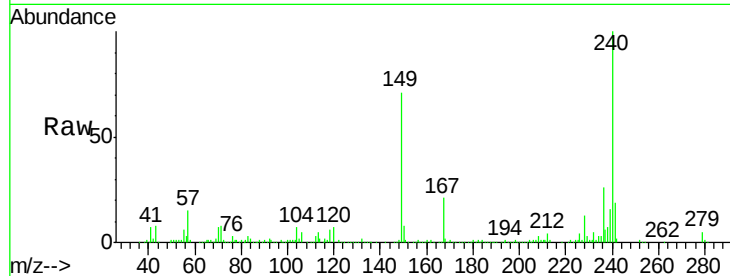
ClientSampleId :

PB90466BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	330698		
120	6.9	11.2	16.8#	
236	26.1	21.2	31.8	

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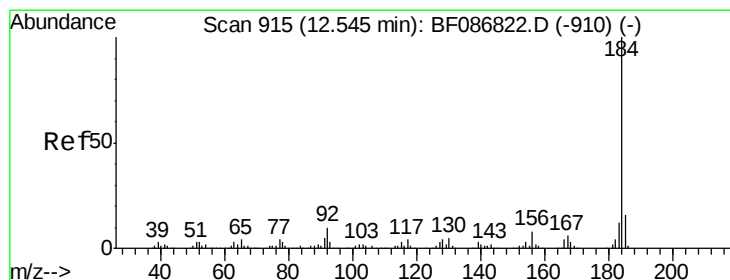
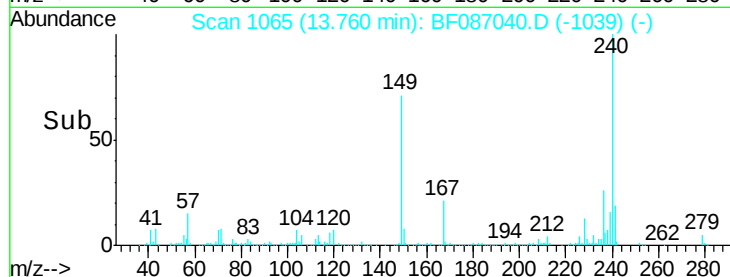
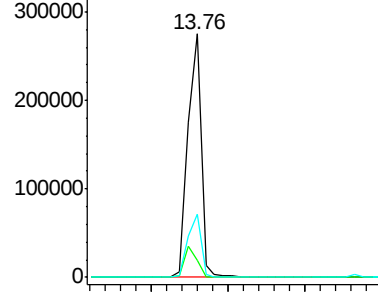
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.46 ng

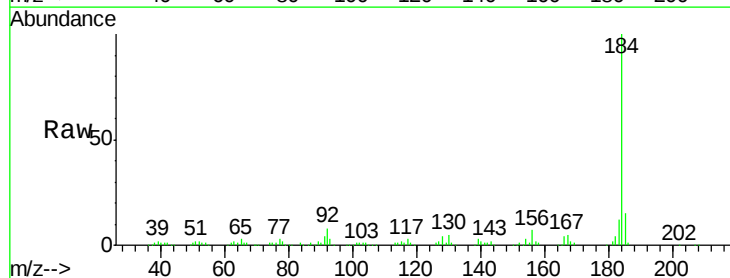
RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

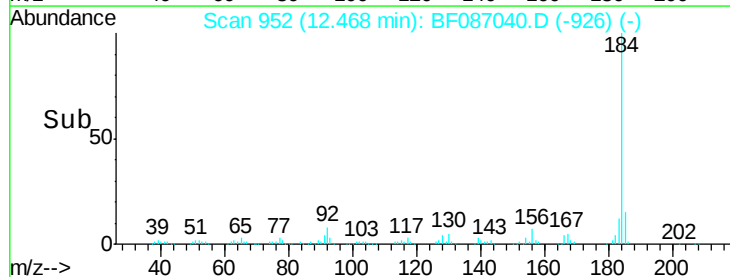
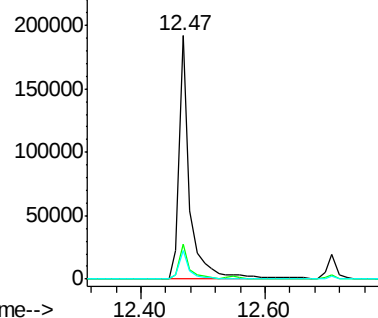
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	231535		
185	14.5	13.6	20.4	
183	11.7	9.8	14.6	

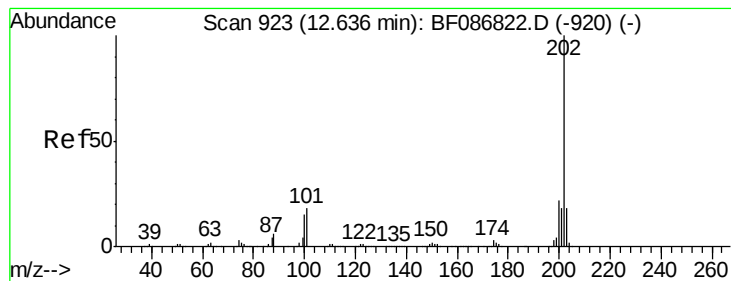


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.59 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

Tgt Ion: 202 Resp: 1154232

Ion Ratio Lower Upper

202 100

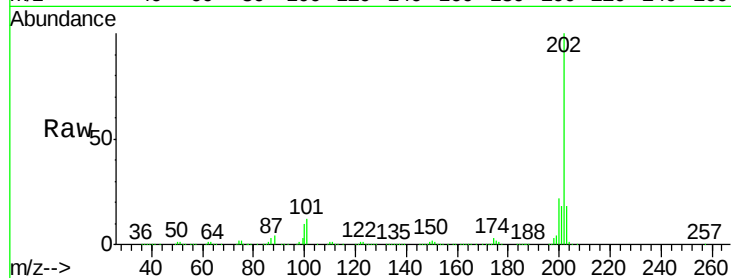
200 22.3 17.7 26.5

203 18.1 14.2 21.4

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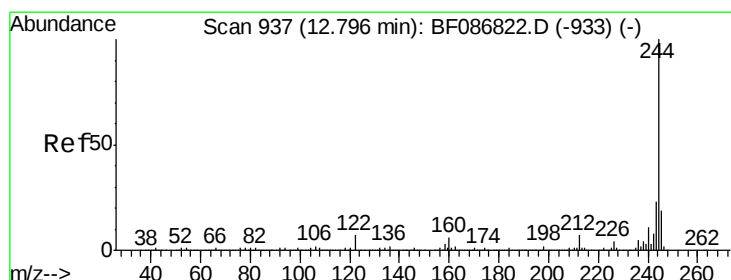
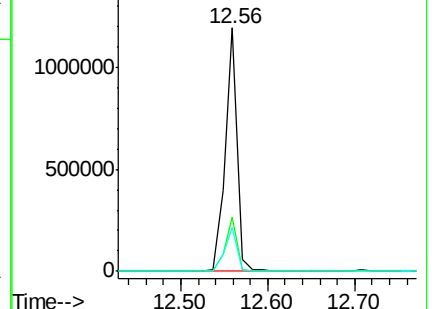
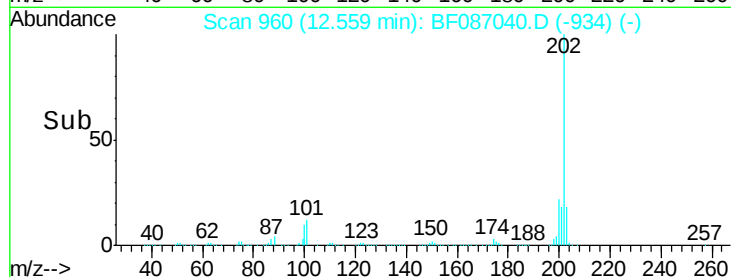
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.23 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

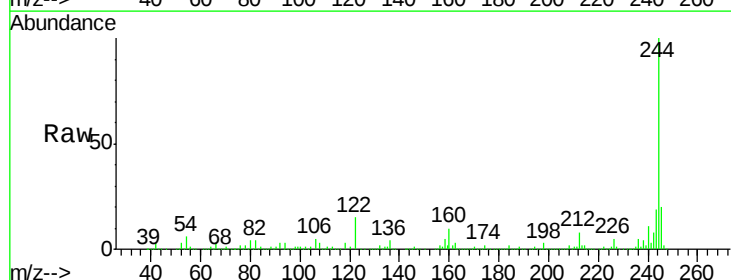
Tgt Ion: 244 Resp: 1203804

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

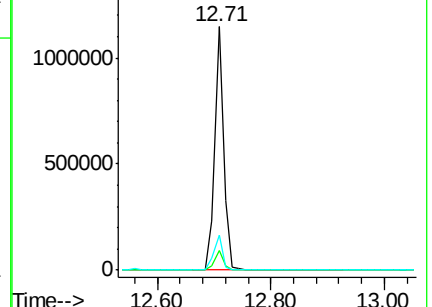
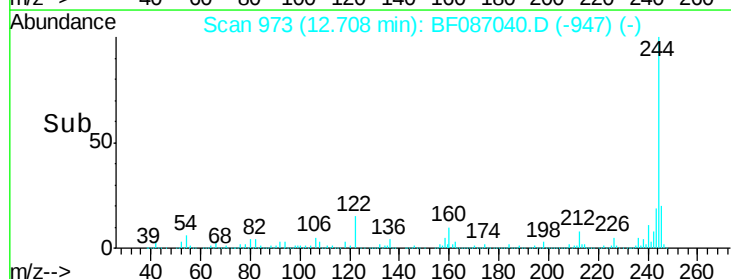
122 14.5 12.0 18.0

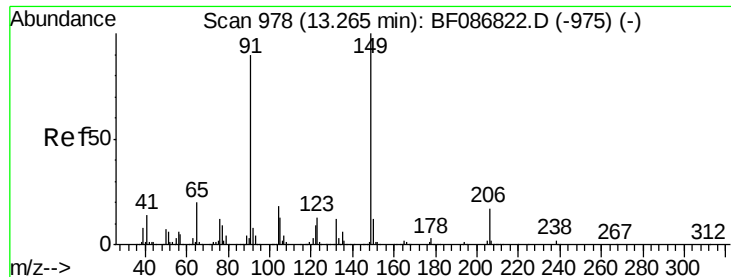


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





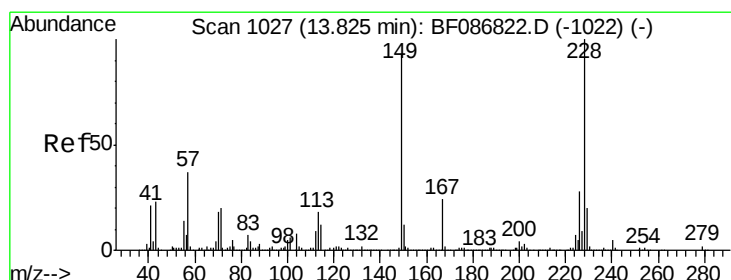
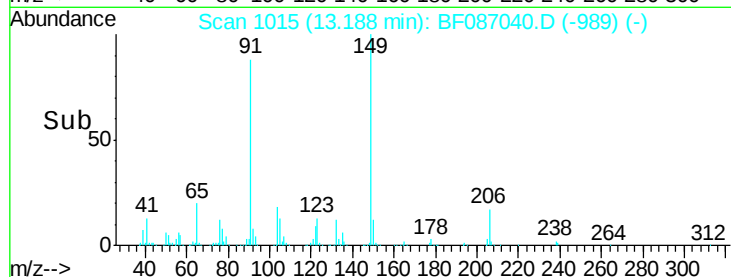
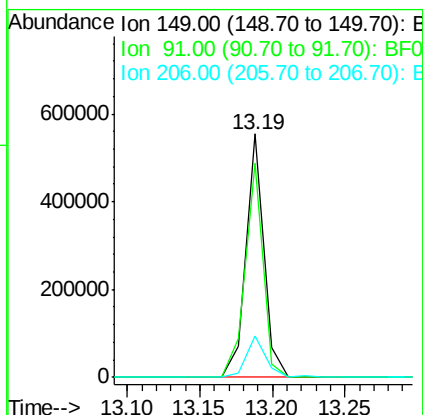
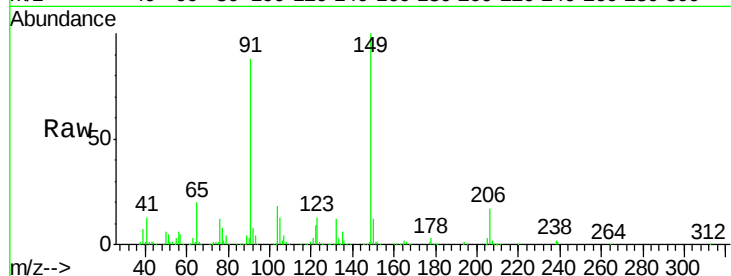
#79
Butylbenzylphthalate
Concen: 44.68 ng
RT: 13.19 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	478496		
91	87.9	48.0	72.0#	
206	16.8	15.8	23.6	

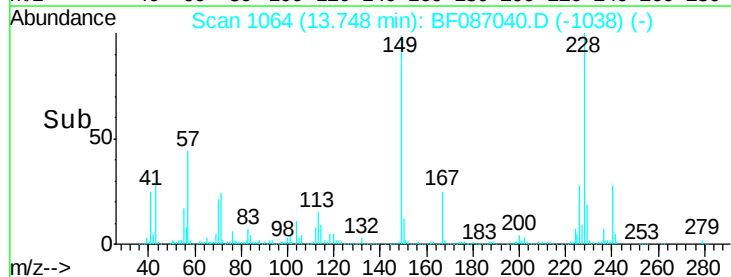
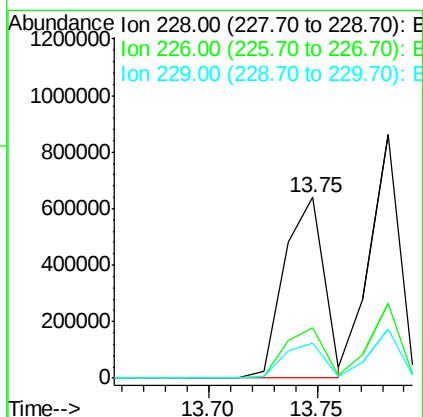
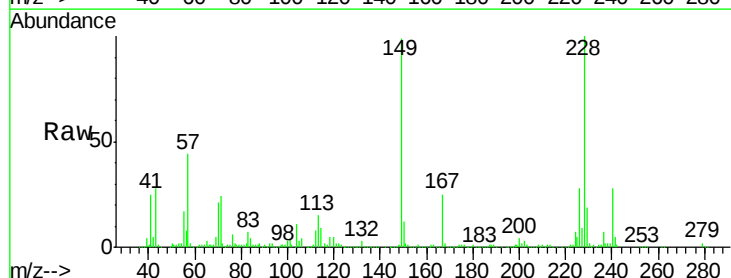
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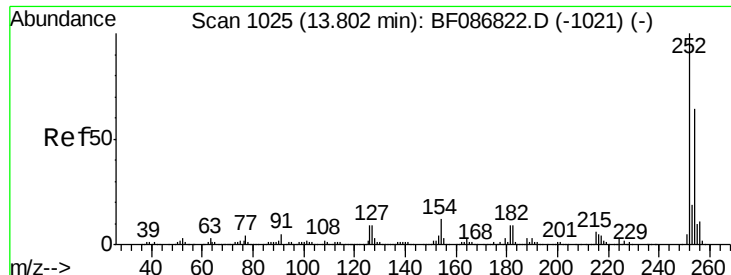
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#80
Benzo(a)anthracene
Concen: 43.52 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	807966		
226	27.5	22.5	33.7	
229	19.4	16.6	25.0	





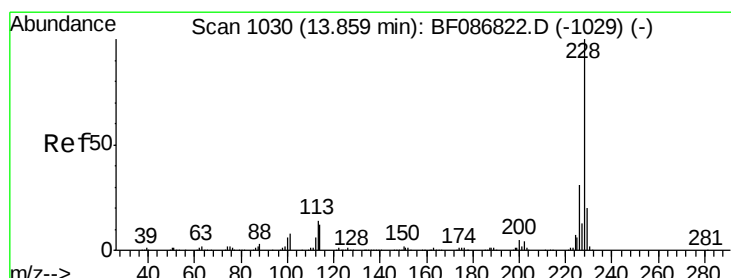
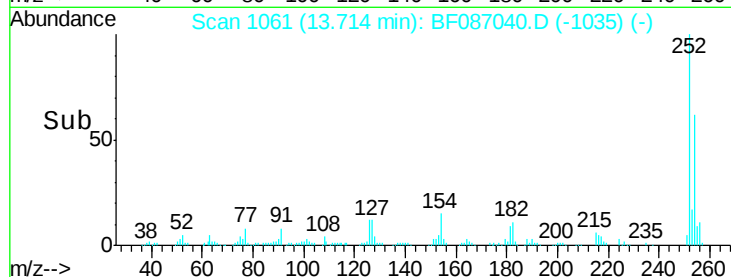
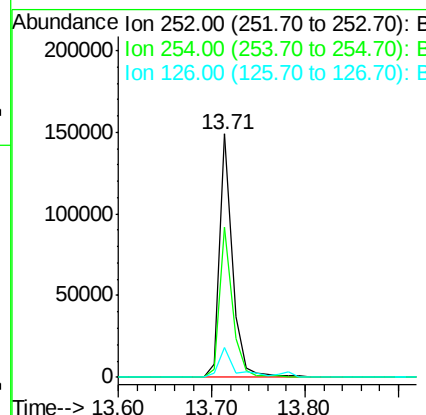
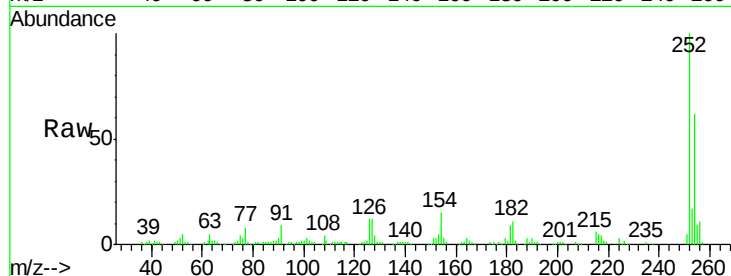
#81
 3,3'-Dichlorobenzidine
 Concen: 12.12 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	61.8	50.7	76.1
126	12.1	12.7	19.1

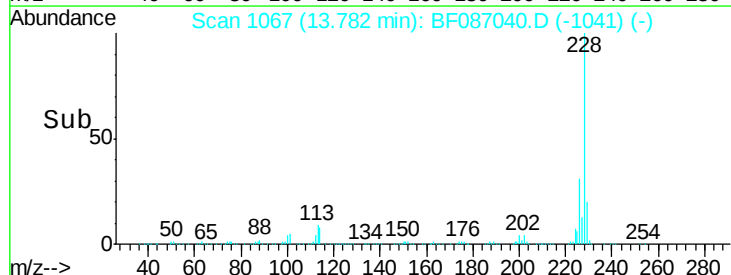
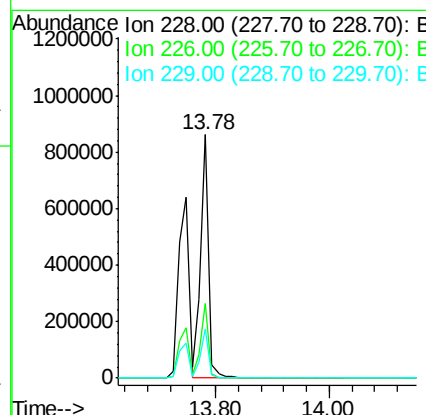
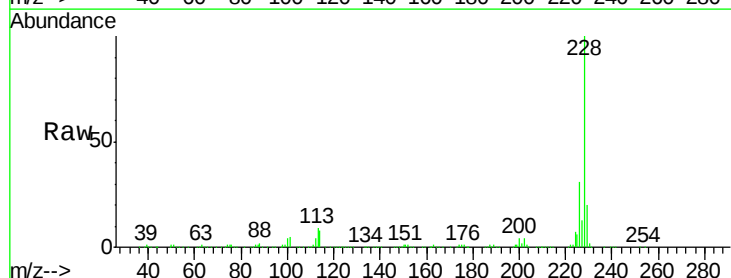
Manual Integrations
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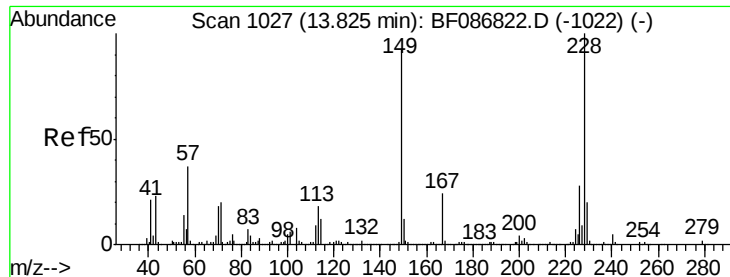
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#82
 Chrysene
 Concen: 44.66 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.9	24.4	36.6
229	19.9	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.33 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

Tgt Ion:149 Resp: 609727
Ion Ratio Lower Upper

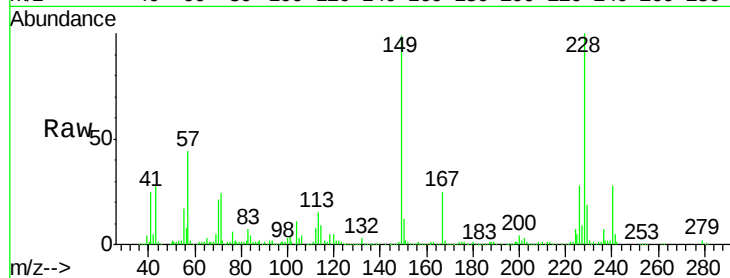
149 100

167 25.1 21.8 32.6

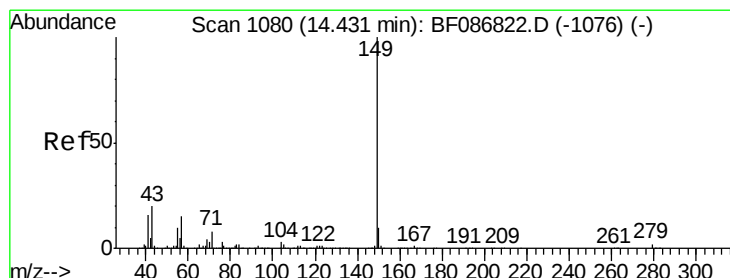
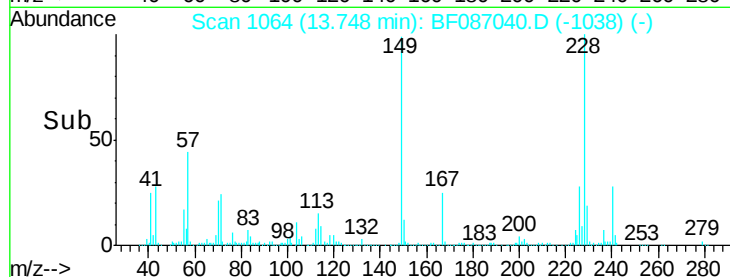
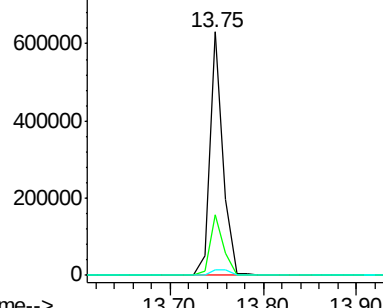
279 2.3 2.6 4.0#

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



#84

Di-n-octyl phthalate

Concen: 48.12 ng

RT: 14.35 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF087040.D

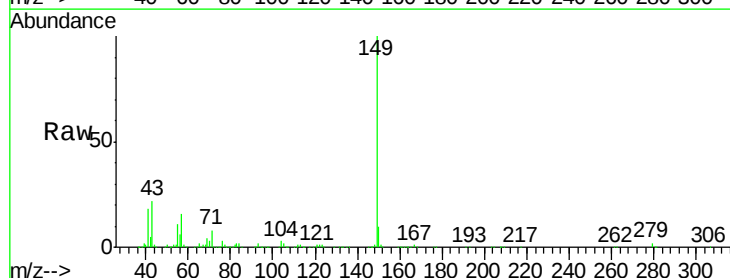
Acq: 15 May 2016 1:02

Tgt Ion:149 Resp: 1026693
Ion Ratio Lower Upper

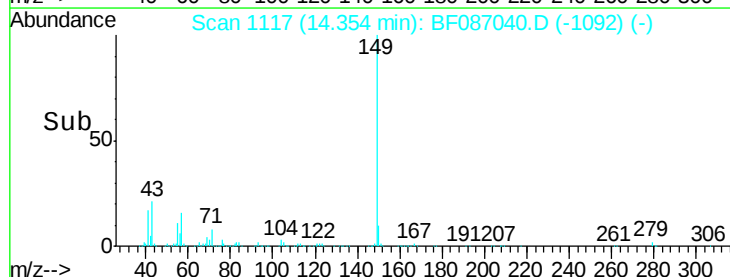
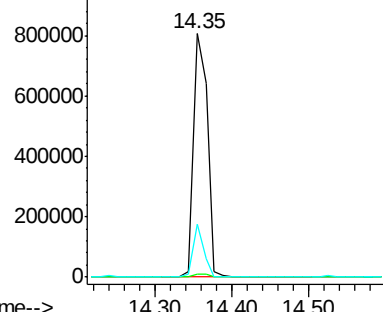
149 100

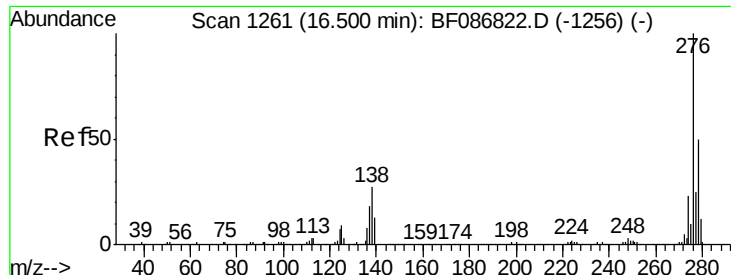
167 1.6 1.2 1.8

43 16.7 8.2 12.4#



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





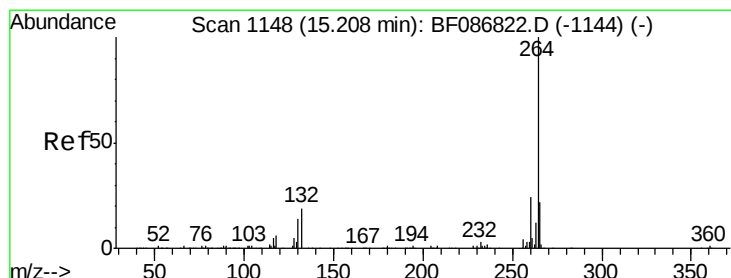
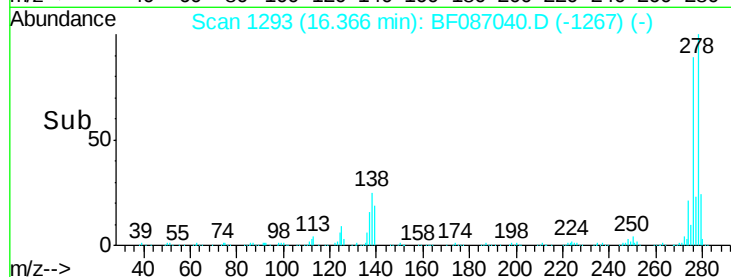
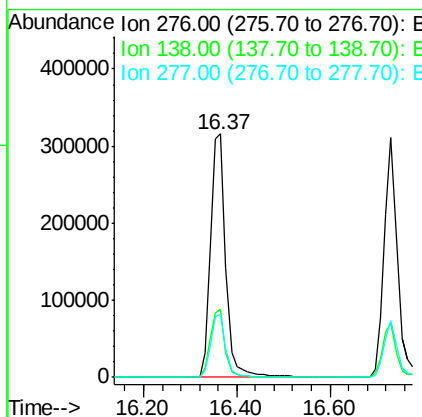
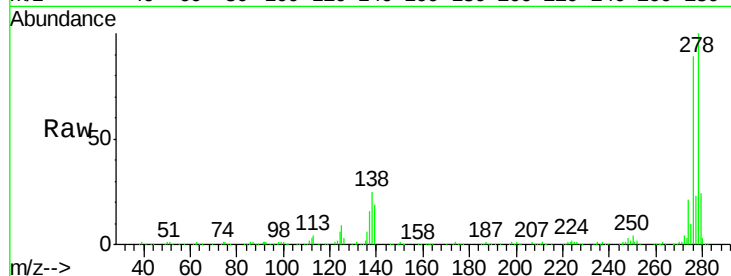
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.31 ng
 RT: 16.37 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	727563		
138	27.3	25.6	38.4	
277	25.3	20.5	30.7	

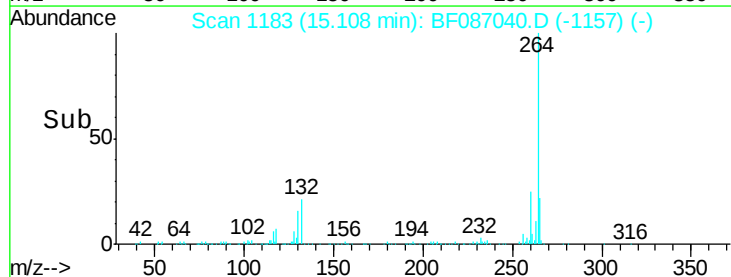
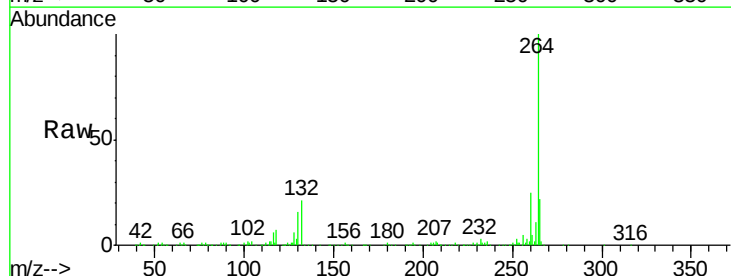
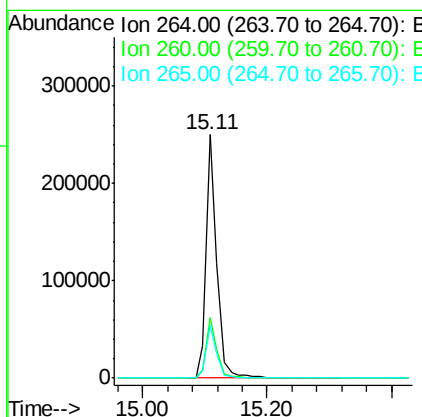
Manual Integrations
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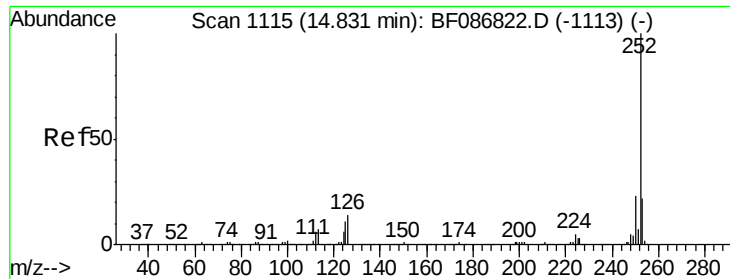
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF087040.D
 Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	300369		
260	25.0	19.5	29.3	
265	21.7	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 34.37 ng m

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF087040.D

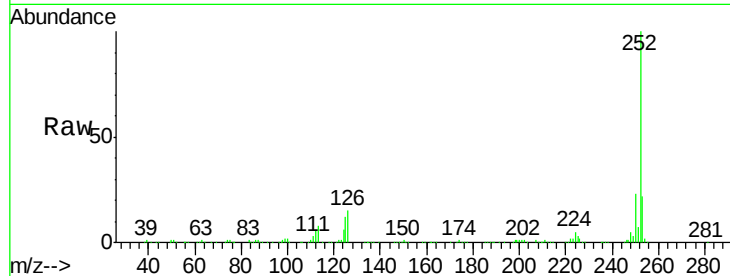
Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

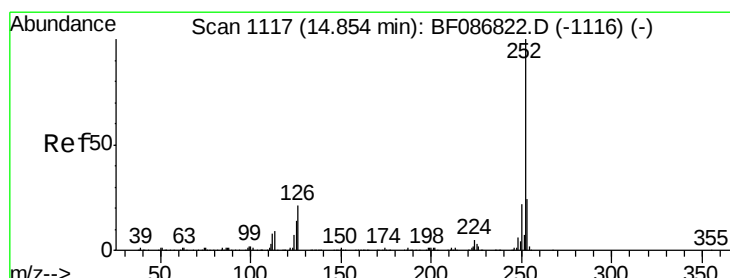
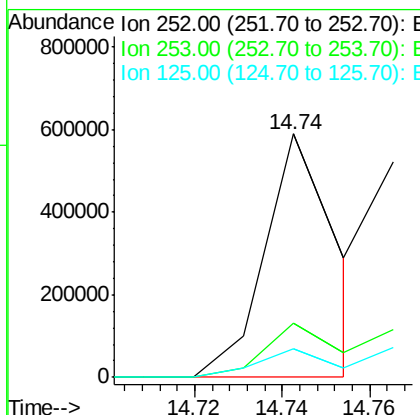
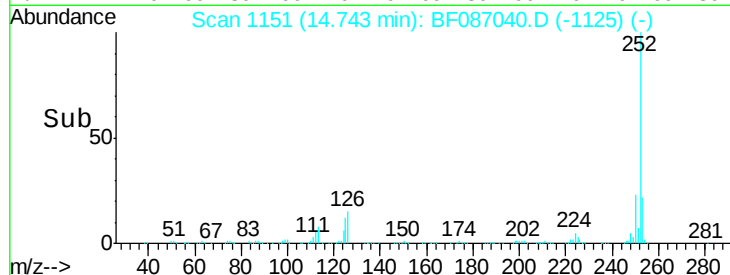
PB90466BS



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	670895		
253	22.2	17.8	26.6	
125	11.6	11.4	17.0	

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 42.53 ng m

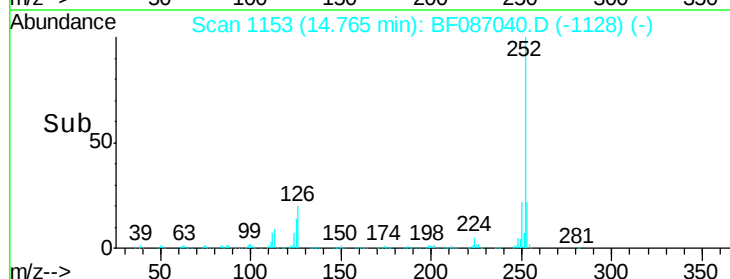
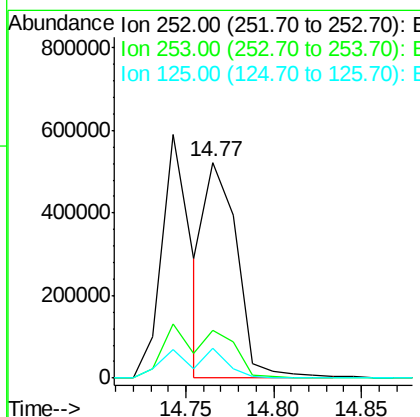
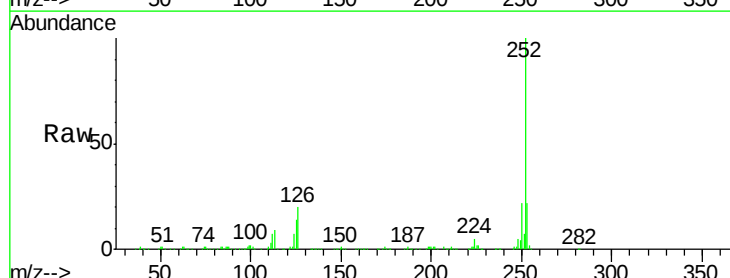
RT: 14.77 min Scan# 1153

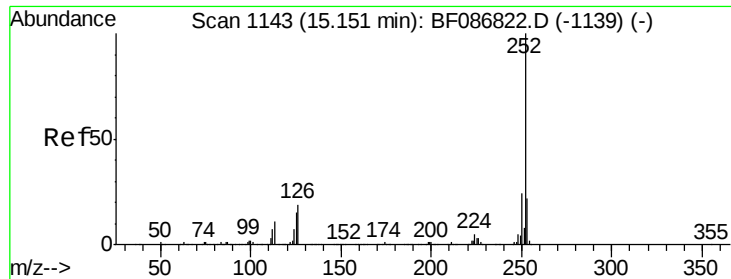
Delta R.T. -0.01 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	679837		
253	22.2	17.8	26.6	
125	13.6	9.1	13.7	





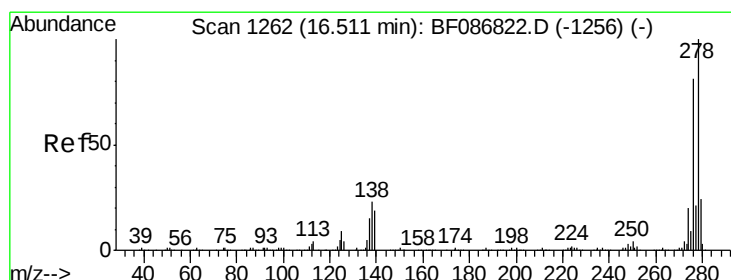
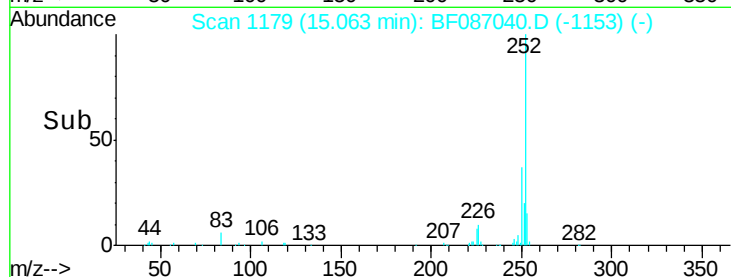
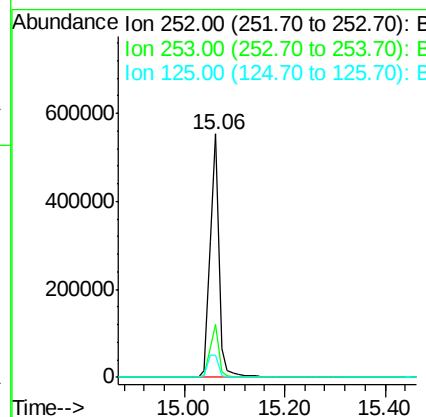
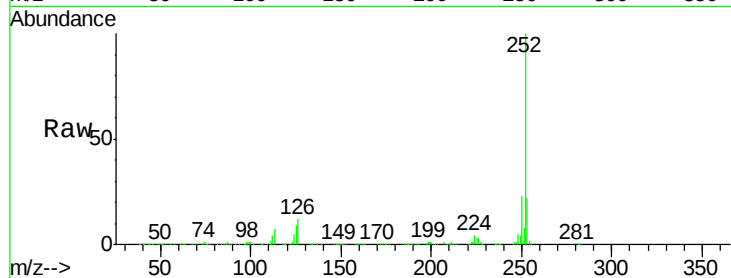
#89
Benzo(a)pyrene
Concen: 40.33 ng
RT: 15.06 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Instrument :
BNA_F
ClientSampleId :
PB90466BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	9.1	9.0	13.6

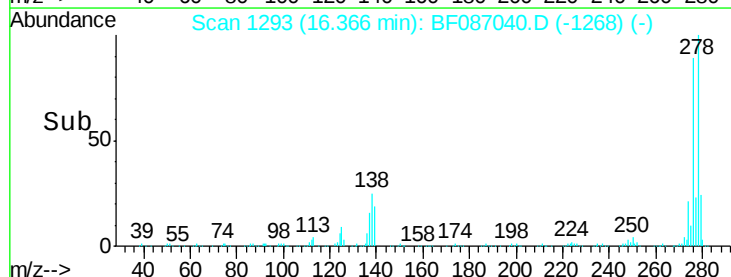
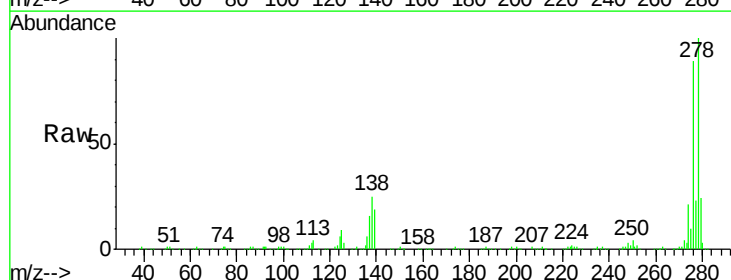
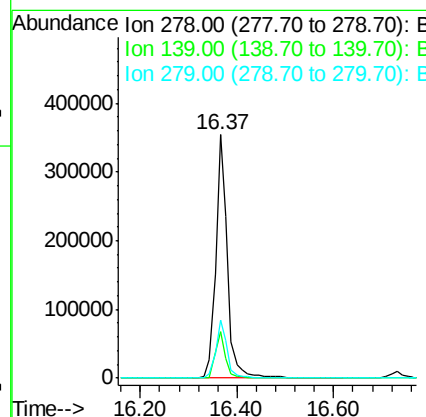
Manual Integrations
APPROVED

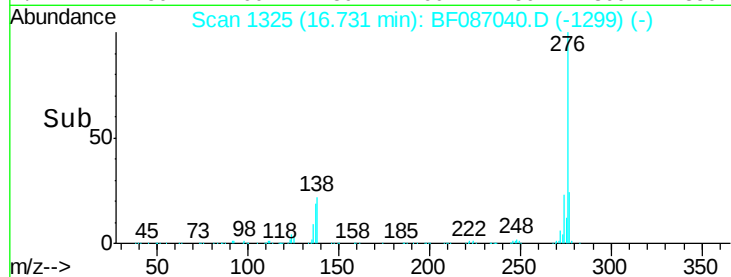
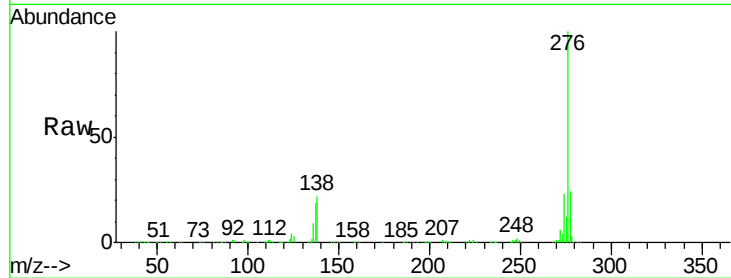
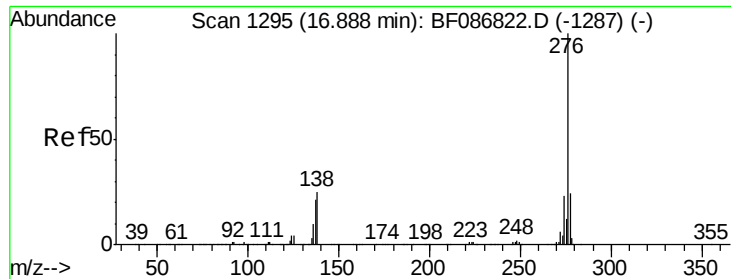
sohil
5/16/2016 6:58:51 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.02 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF087040.D
Acq: 15 May 2016 1:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	16.6	24.8
279	23.8	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 43.01 ng

RT: 16.73 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF087040.D

Acq: 15 May 2016 1:02

Instrument :

BNA_F

ClientSampleId :

PB90466BS

Tgt Ion: 276 Resp: 620162

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 22.4 23.6 35.4#

Manual Integrations
APPROVED

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5/16/2016 6:58:51 PM

