

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086676.D
 Acq On : 4 May 2016 14:55
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050416

Manual Integrations
 APPROVED

sohil
 5/5/2016 3:18:45 PM

Quant Time: May 05 05:09:12 2016
 Quant Title :
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	183885	40.00	ng	0.00
21) Naphthalene-d8	8.03	136	763755	40.00	ng	0.00
38) Acenaphthene-d10	9.78	164	366138	40.00	ng	0.00
63) Phenanthrene-d10	11.25	188	628571	40.00	ng	0.00
75) Chrysene-d12	13.89	240	430606	40.00	ng	0.01
86) Perylene-d12	15.28	264	352003	40.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	919700	82.80	ng	0.00
7) Phenol-d6	6.38	99	1206268	80.62	ng	0.01
23) Nitrobenzene-d5	7.31	82	1134829	76.35	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	301630	84.21	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1599871	71.63	ng	0.00
78) Terphenyl-d14	12.84	244	1576633	74.00	ng	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	2.26	88	224555	39.11	ng	# 76
3) Pyridine	2.93	79	562907	39.99	ng	# 73
4) n-Nitrosodimethylamine	2.89	42	344354	40.33	ng	# 56
6) Aniline	6.41	93	725163	39.27	ng	93
8) 2-Chlorophenol	6.52	128	508996	38.19	ng	91
9) Benzaldehyde	6.28	77	295996	39.65	ng	97
10) Phenol	6.40	94	688934	42.09	ng	# 58
11) bis(2-Chloroethyl)ether	6.48	93	504598	35.81	ng	84
12) 1,3-Dichlorobenzene	6.68	146	538064	38.02	ng	99
13) 1,4-Dichlorobenzene	6.75	146	530587m	36.26	ng	
14) 1,2-Dichlorobenzene	6.91	146	529235	41.53	ng	99
15) Benzyl Alcohol	6.89	79	383958	39.67	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1046462	36.33	ng	88
17) 2-Methylphenol	7.00	107	412994	38.48	ng	# 93
18) Hexachloroethane	7.25	117	213643	38.67	ng	# 87
19) n-Nitroso-di-n-propylamine	7.16	70	358406	35.06	ng	# 68
20) 3+4-Methylphenols	7.16	107	474472	37.76	ng	92
22) Acetophenone	7.16	105	682512	38.35	ng	# 87
24) Nitrobenzene	7.33	77	599526	39.02	ng	# 85
25) Isophorone	7.57	82	1039909	37.57	ng	97
26) 2-Nitrophenol	7.64	139	263193	38.39	ng	# 73
27) 2,4-Dimethylphenol	7.69	122	442756	36.78	ng	90
28) bis(2-Chloroethoxy)methane	7.79	93	564322	37.04	ng	99
29) 2,4-Dichlorophenol	7.89	162	400165	38.66	ng	94
30) 1,2,4-Trichlorobenzene	7.97	180	448933	38.88	ng	99
31) Naphthalene	8.05	128	1437844	36.85	ng	100
32) Benzoic acid	7.81	122	192829	42.27	ng	# 81
33) 4-Chloroaniline	8.10	127	569409	37.67	ng	# 91
34) Hexachlorobutadiene	8.17	225	241320	36.81	ng	98
35) Caprolactam	8.49	113	137469	42.91	ng	97
36) 4-Chloro-3-methylphenol	8.59	107	449380	38.05	ng	93
37) 2-Methylnaphthalene	8.74	142	890764	38.69	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	398677	37.62	ng	99
40) Hexachlorocyclopentadiene	8.89	237	170872	38.44	ng	96
42) 2,4,6-Trichlorophenol	9.02	196	261677	38.83	ng	91

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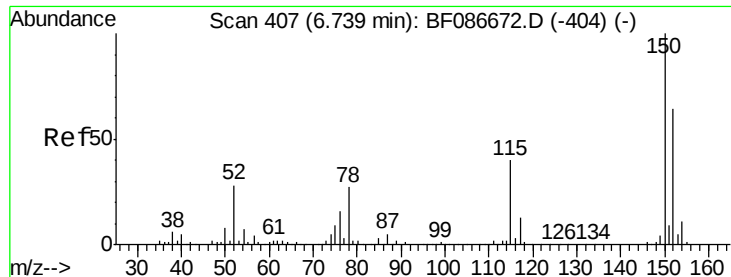
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Quant Time: May 05 05:09:12 2016
 Quant Title :
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	282606	40.14	nq	# 87
45) 1,1'-Biphenyl	9.21	154	1172364	39.16	nq	99
46) 2-Chloronaphthalene	9.23	162	906545	39.25	nq	98
47) 2-Nitroaniline	9.32	65	302280	36.81	nq	# 75
48) Acenaphthylene	9.64	152	1387111	40.45	nq	99
49) Dimethylphthalate	9.52	163	1058905	38.79	nq	99
50) 2,6-Dinitrotoluene	9.57	165	235093	40.14	nq	97
51) Acenaphthene	9.81	154	852007	37.67	nq	99
52) 3-Nitroaniline	9.74	138	253150	38.02	nq	90
53) 2,4-Dinitrophenol	9.85	184	71282	43.65	nq	93
54) Dibenzofuran	9.98	168	1090932	38.91	nq	99
55) 4-Nitrophenol	9.90	139	160461	41.33	nq	# 64
56) 2,4-Dinitrotoluene	9.97	165	296579	40.86	nq	# 93
57) Fluorene	10.33	166	936029	41.19	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	196445	37.99	nq	98
59) Diethylphthalate	10.21	149	976598	37.80	nq	95
60) 4-Chlorophenyl-phenylether	10.32	204	384948	35.63	nq	99
61) 4-Nitroaniline	10.35	138	244282	38.18	nq	# 72
62) Azobenzene	10.48	77	1039878	36.32	nq	86
64) 4,6-Dinitro-2-methylphenol	10.38	198	137398	44.48	nq	92
65) n-Nitrosodiphenylamine	10.44	169	797312	39.95	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	244936	39.21	nq	97
67) Hexachlorobenzene	10.88	284	297066	39.00	nq	96
68) Atrazine	10.97	200	221354	36.19	nq	95
69) Pentachlorophenol	11.07	266	139665	40.85	nq	98
70) Phenanthrene	11.29	178	1304141	38.63	nq	100
71) Anthracene	11.33	178	1365236	38.61	nq	99
72) Carbazole	11.49	167	1276268	41.57	nq	100
73) Di-n-butylphthalate	11.83	149	1318211	36.17	nq	# 98
74) Fluoranthene	12.47	202	1343874	39.72	nq	97
76) Benzidine	12.59	184	508893	43.86	nq	99
77) Pyrene	12.69	202	1381616	40.25	nq	100
79) Butylbenzylphthalate	13.32	149	601937	41.86	nq	92
80) Benzo(a)anthracene	13.88	228	919645	37.76	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	592234	38.70	nq	# 98
82) Chrysene	13.92	228	1071366	41.24	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	689375	41.43	nq	98
84) Di-n-octyl phthalate	14.49	149	1028129	41.99	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.59	276	892778	40.05	nq	96
87) Benzo(b)fluoranthene	14.89	252	824374m	38.97	nq	
88) Benzo(k)fluoranthene	14.91	252	743219m	37.29	nq	
89) Benzo(a)pyrene	15.22	252	746525	38.32	nq	99
90) Dibenzo(a,h)anthracene	16.61	278	737678	39.42	nq	# 94
91) Benzo(g,h,i)perylene	16.99	276	768713	39.12	nq	94

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



#1

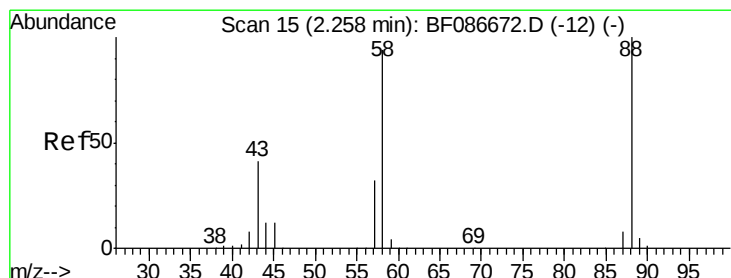
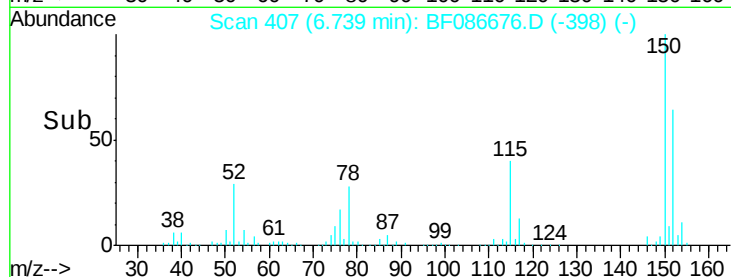
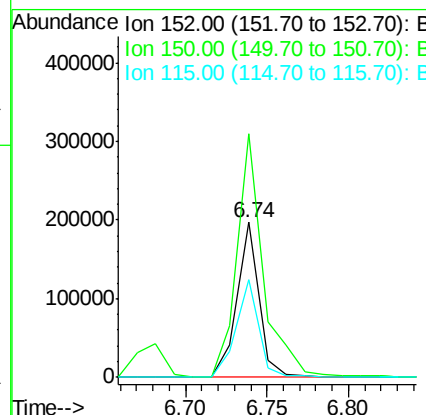
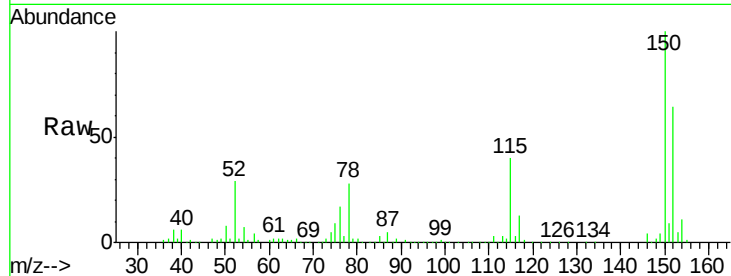
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Instrument :
BNA_F
ClientSampleId :
ICVBF050416

Tot Ion	Ratio	Resp	Lower	Upper
152	100	183885		
150	157.1	125.8	188.6	
115	63.1	51.5	77.3	

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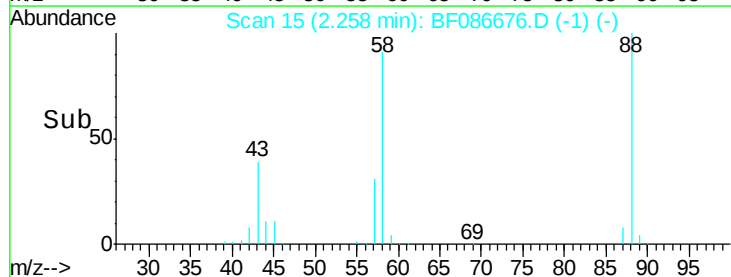
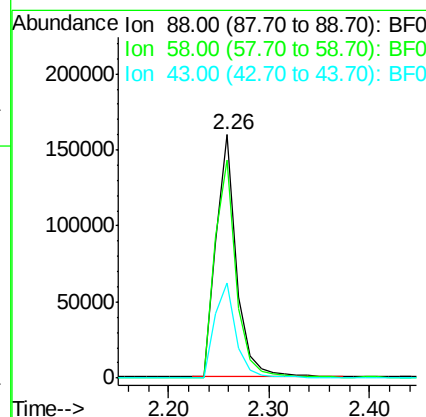
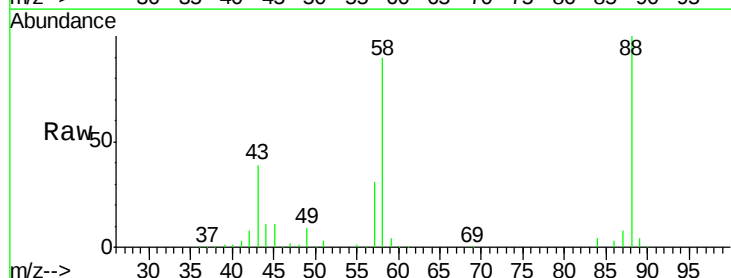
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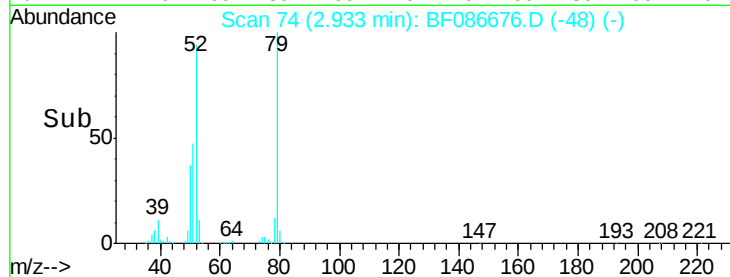
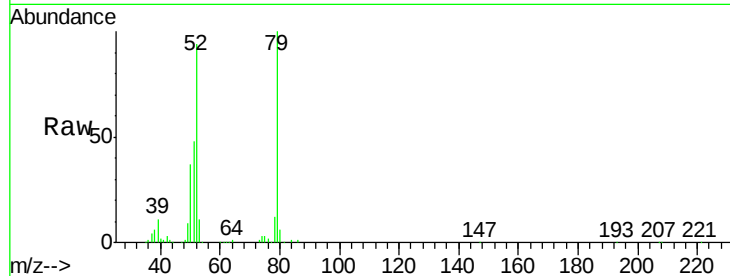
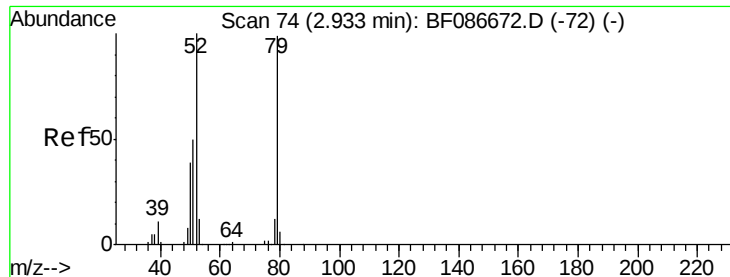


#2

1,4-Dioxane
Concen: 39.11 ng
RT: 2.26 min Scan# 15
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	224555		
58	94.2	59.6	89.4#	
43	41.1	21.8	32.6#	





#3

Pvridine

Concen: 39.99 ng

RT: 2.93 min Scan# 74

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Tot Ion:	79	Resp:	562907
Ion Ratio	Lower	Upper	
79	100		
52	94.3	55.9	83.9#
51	47.8	28.1	42.1#

Instrument :

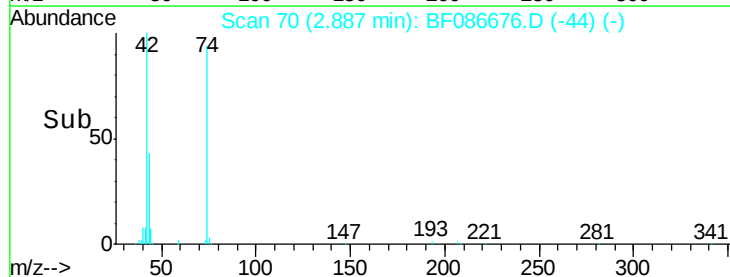
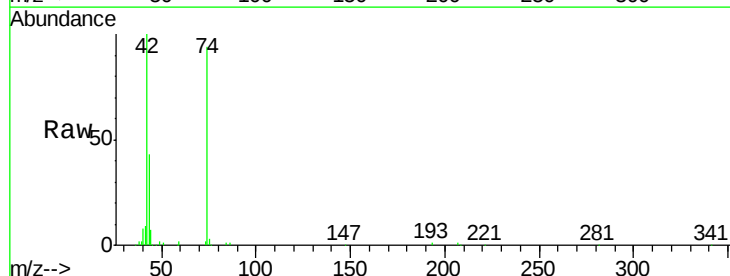
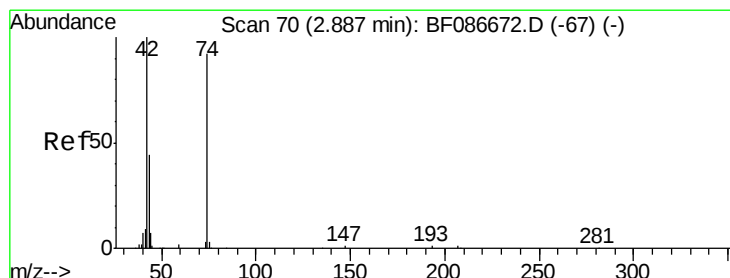
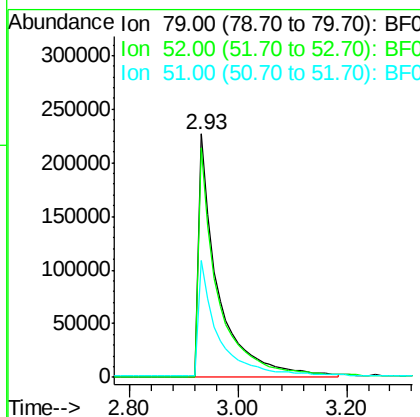
BNA_F

ClientSampleId :

ICVBF050416

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#4

n-Nitrosodimethylamine

Concen: 40.33 ng

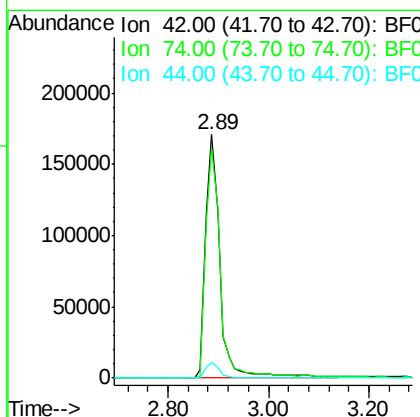
RT: 2.89 min Scan# 70

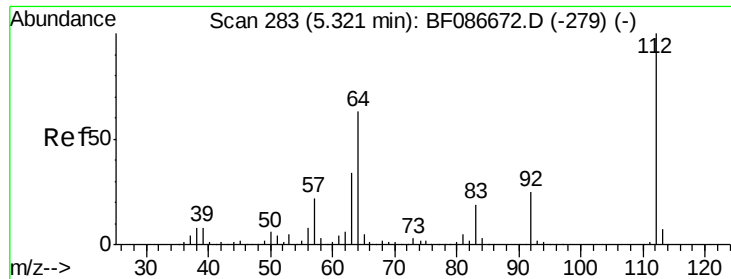
Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Tgt Ion:	42	Resp:	344354
Ion Ratio	Lower	Upper	
42	100		
74	94.3	123.4	185.0#
44	6.7	5.8	8.6





#5

2-Fluorophenol

Concen: 82.80 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

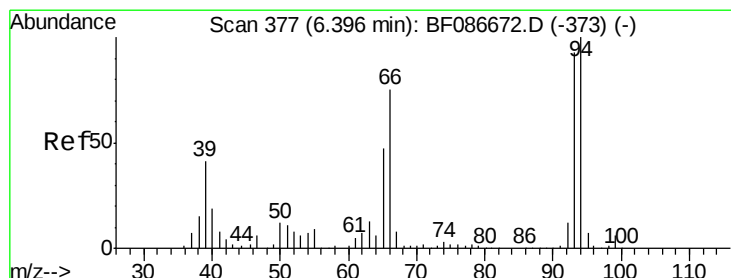
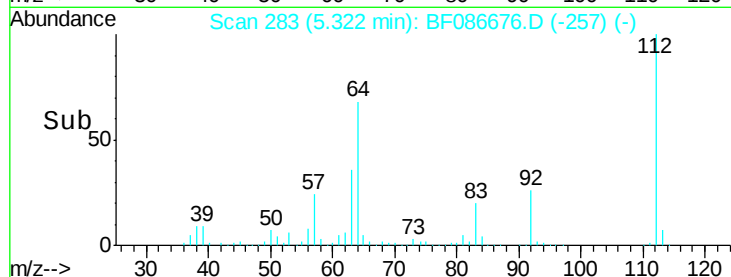
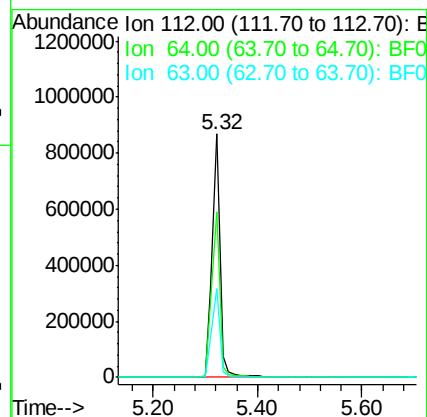
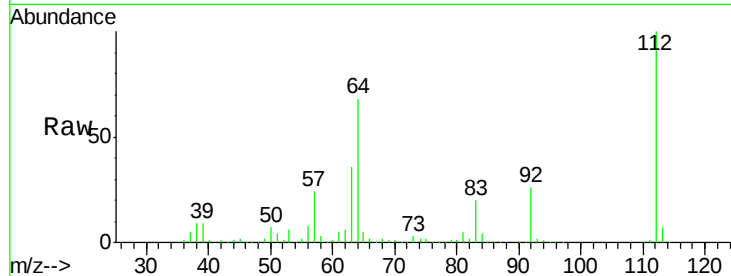
ClientSampleId :

ICVBF050416

Tot Ion:	112	Resp:	919700
Ion Ratio	Lower	Upper	
112	100		
64	67.8	52.1	78.1
63	36.4	25.7	38.5

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#6

Aniline

Concen: 39.27 ng

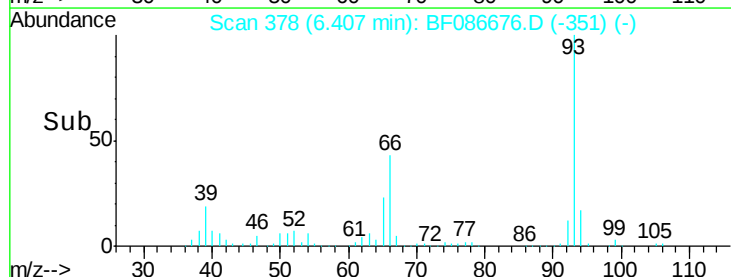
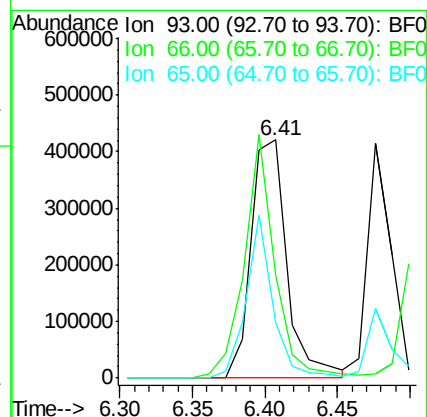
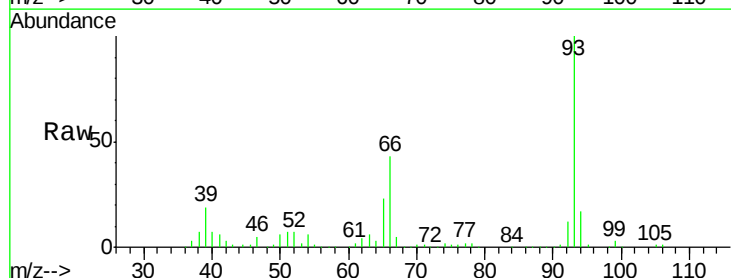
RT: 6.41 min Scan# 378

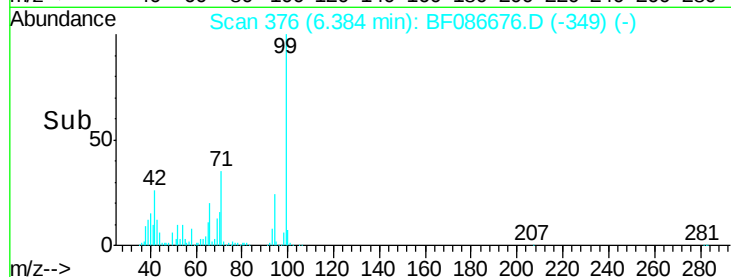
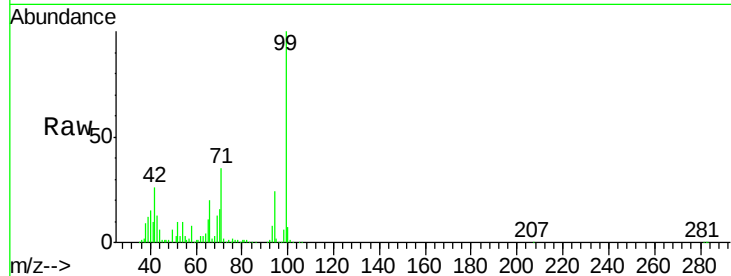
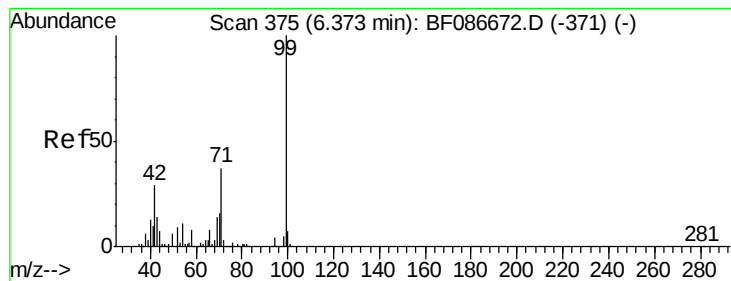
Delta R.T. 0.01 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Tgt Ion:	93	Resp:	725163
Ion Ratio	Lower	Upper	
93	100		
66	43.3	39.0	58.6
65	23.3	20.6	31.0





#7

Phenol-d6

Concen: 80.62 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Tot Ion: 99 Resp: 1206268

Ion Ratio Lower Upper

99 100

42 26.0 13.6 20.4#

71 35.3 24.6 36.8

Instrument :

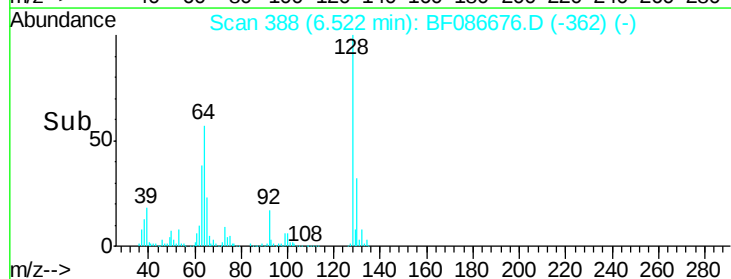
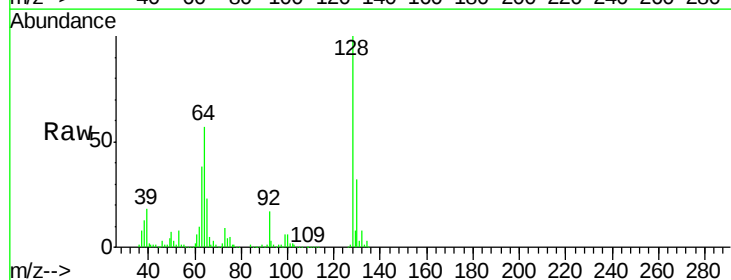
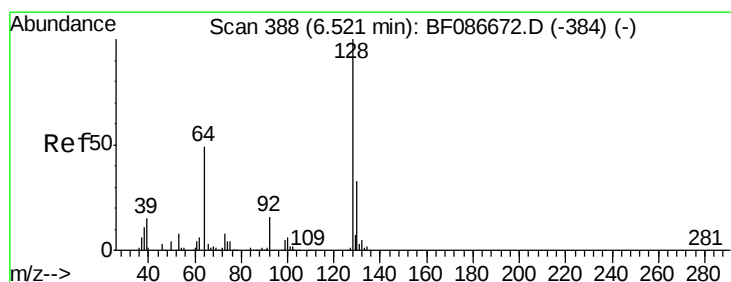
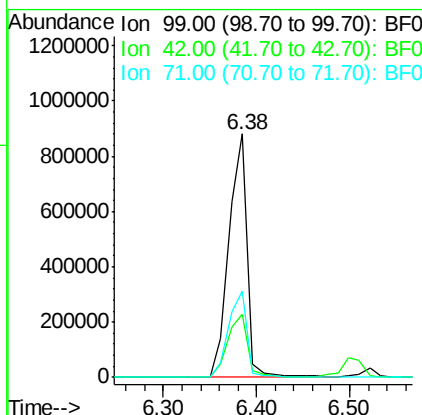
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#8

2-Chlorophenol

Concen: 38.19 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

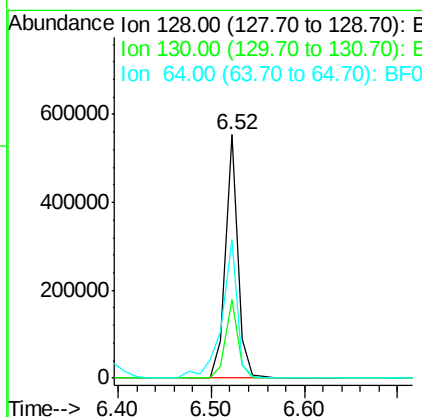
Tgt Ion: 128 Resp: 508996

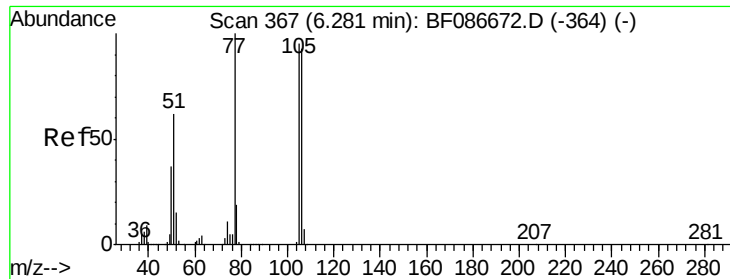
Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

64 56.9 27.3 67.3





#9

Benzaldehyde

Concen: 39.65 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

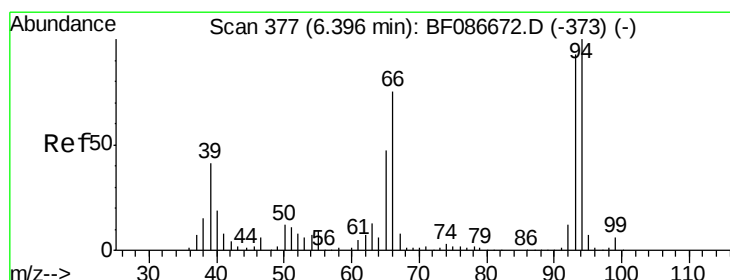
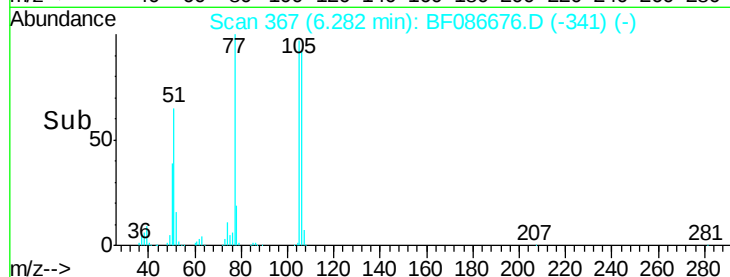
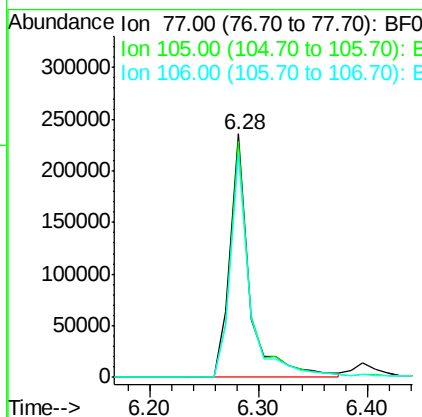
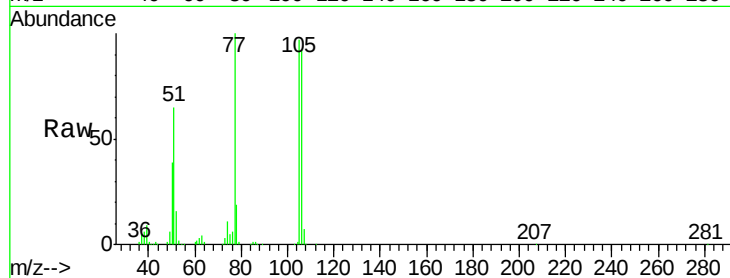
ClientSampleId :

ICVBF050416

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	96.9	72.7	112.7		
106	91.8	70.8	110.8		

Manual Integrations
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#10

Phenol

Concen: 42.09 ng

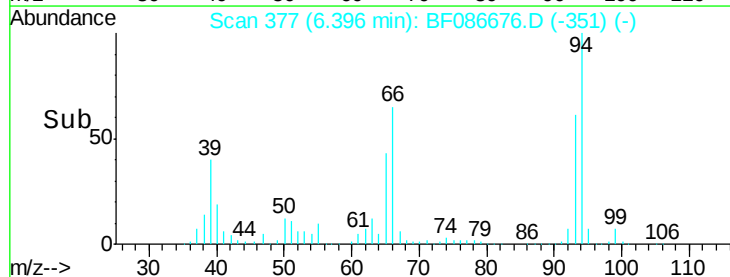
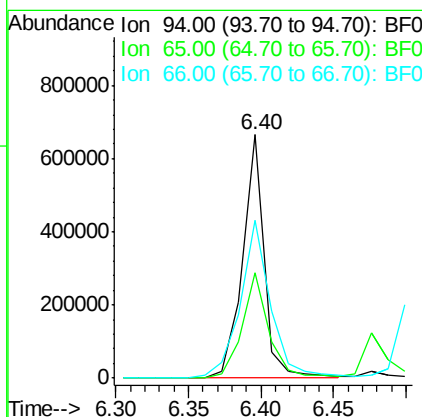
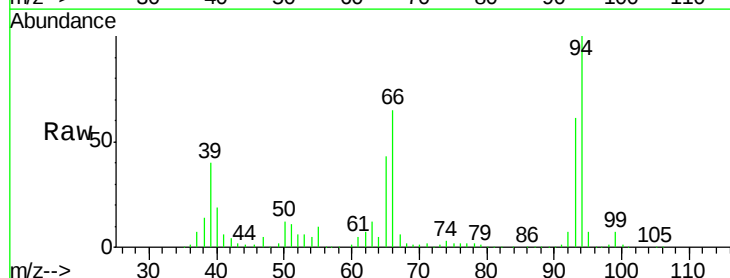
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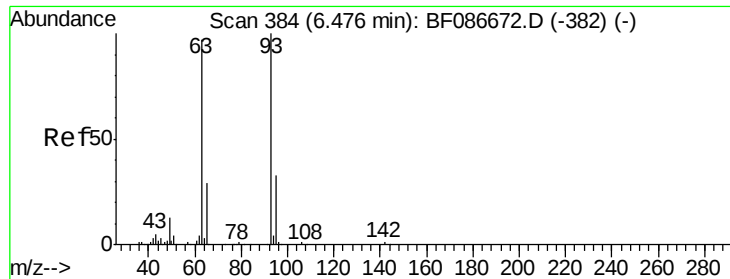
Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	43.3	7.2	47.2		
66	64.6	14.9	54.9		





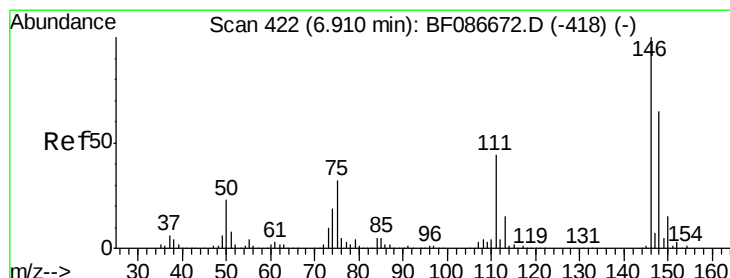
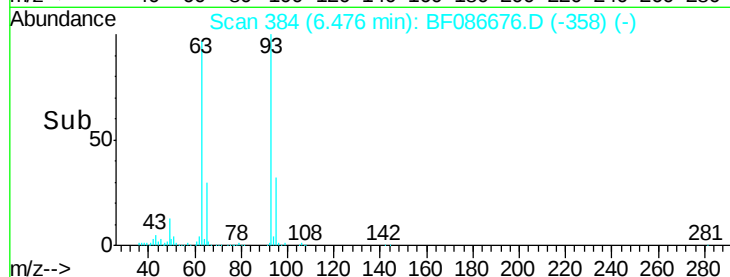
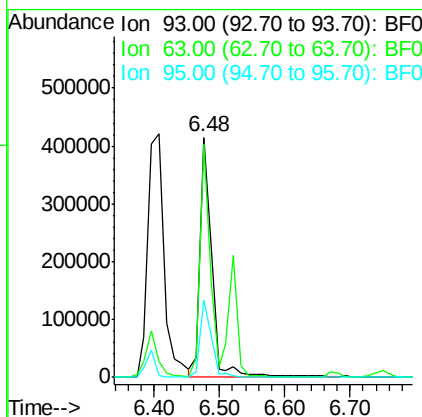
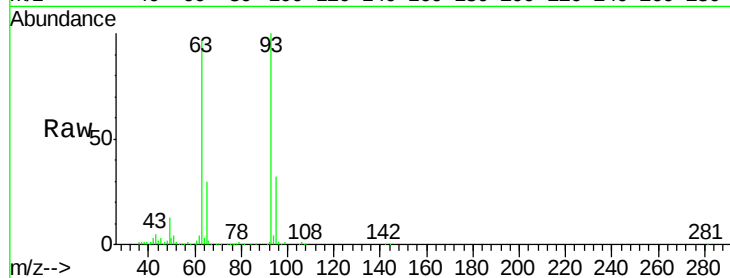
#11
bis(2-Chloroethyl)ether
Concen: 35.81 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Instrument :
BNA_F
ClientSampleId :
ICVBF050416

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	97.3	58.0	98.0	
95	32.0	11.9	51.9	

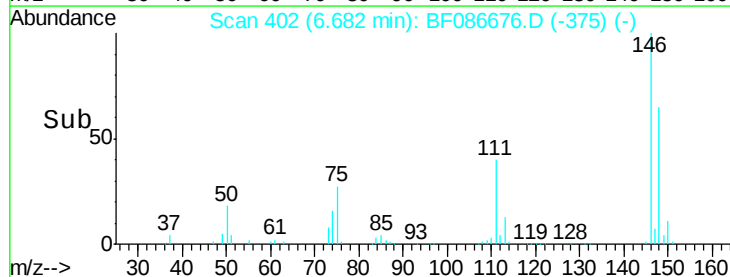
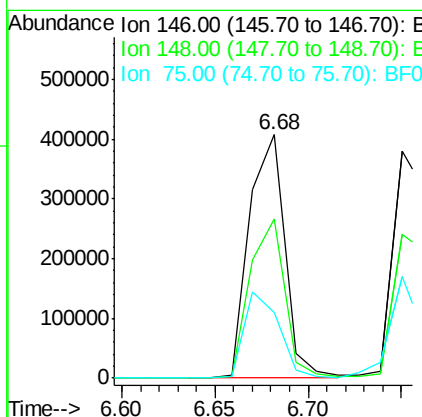
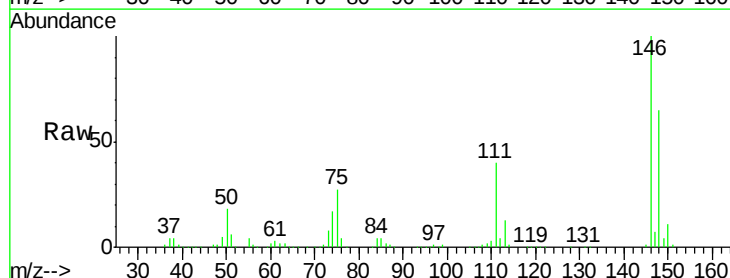
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#12
1,3-Dichlorobenzene
Concen: 38.02 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.01 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.1	52.4	78.6	
75	27.0	22.8	34.2	





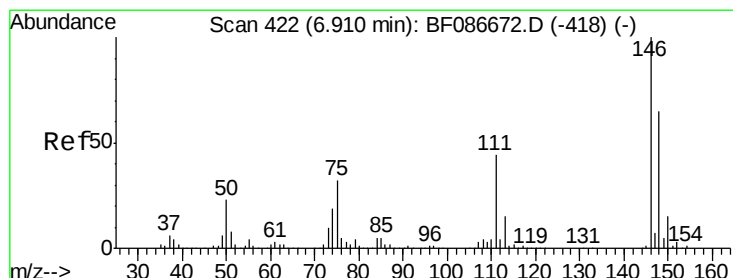
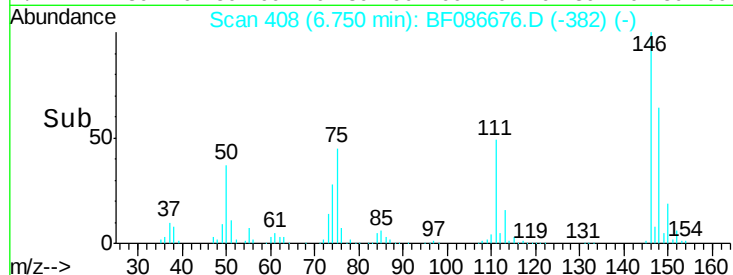
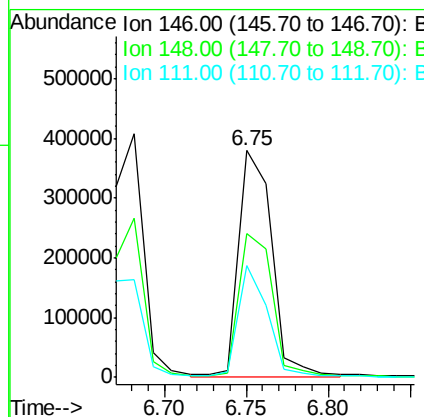
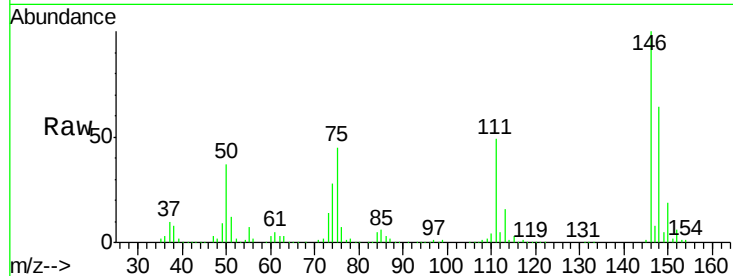
#13
1,4-Dichlorobenzene
Concen: 36.26 ng/ml
RT: 6.75 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Instrument :
BNA_F
ClientSampleId :
ICVBF050416

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.4
111	49.2	30.7	46.1

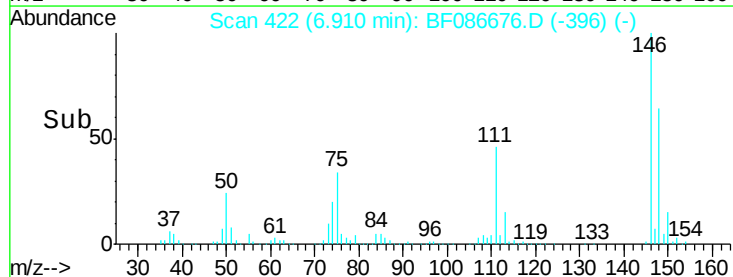
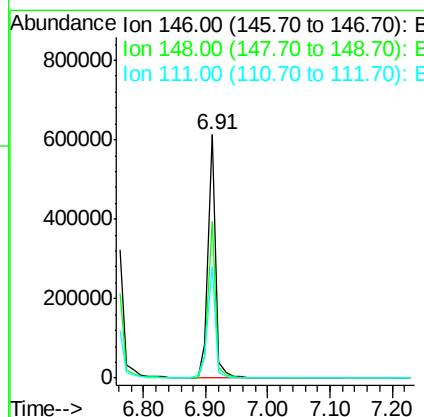
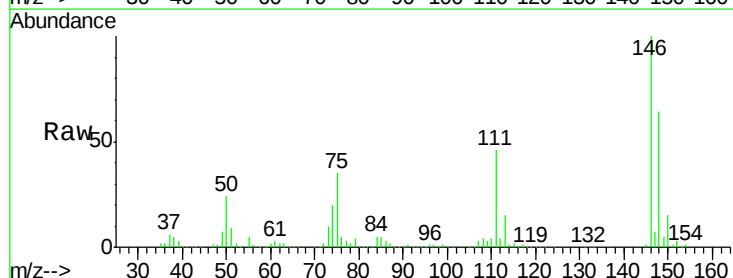
Manual Integrations
APPROVED

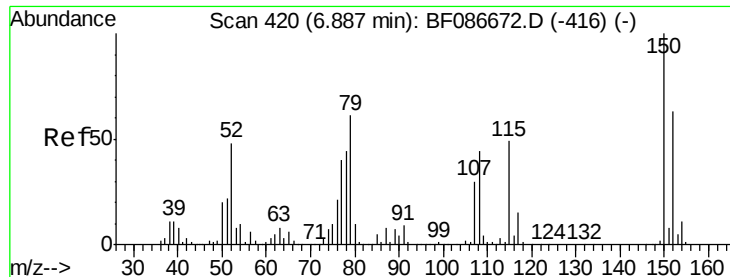
sohil
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#14
1,2-Dichlorobenzene
Concen: 41.53 ng/ml
RT: 6.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.6
111	45.9	36.2	54.4





#15

Benzyl Alcohol

Concen: 39.67 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampleId :

ICVBF050416

Tot Ion: 79 Resp: 383958

Ion Ratio Lower Upper

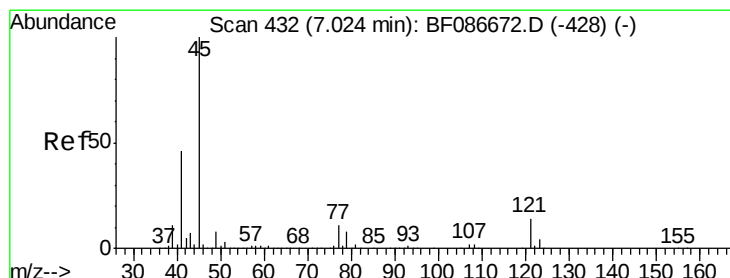
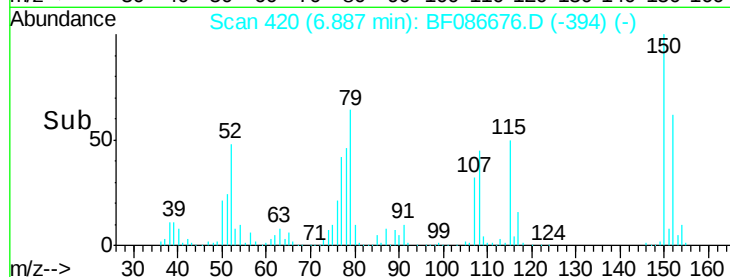
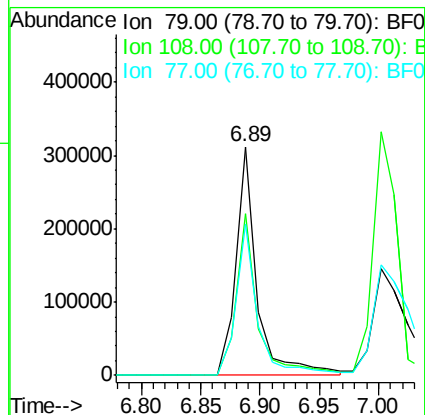
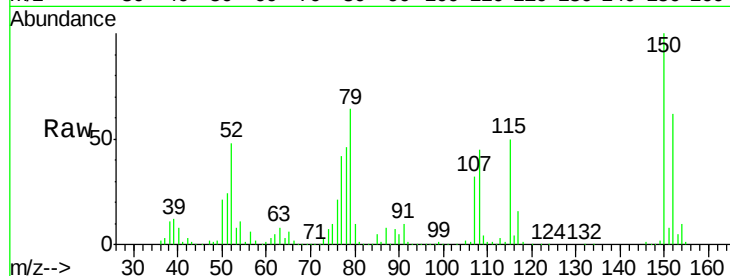
79 100

108 70.6 68.4 102.6

77 66.1 50.6 76.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.33 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

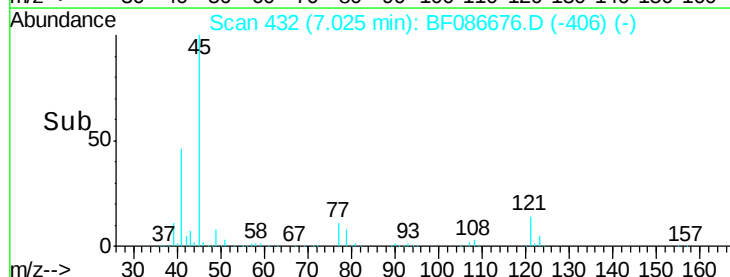
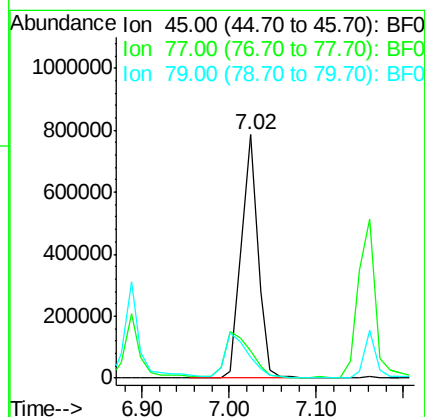
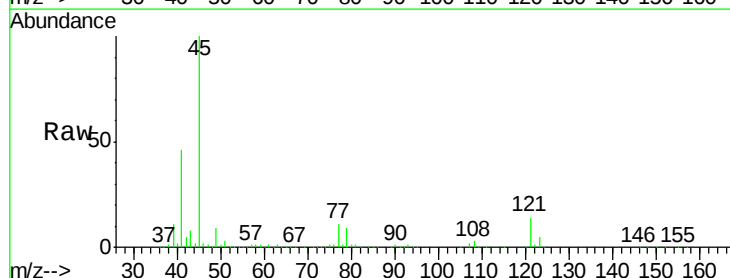
Tgt Ion: 45 Resp: 1046462

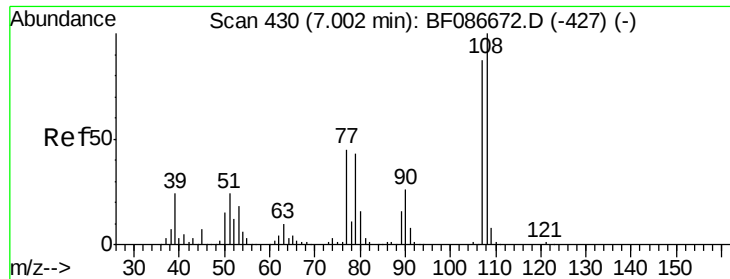
Ion Ratio Lower Upper

45 100

77 11.3 0.0 36.4

79 8.8 0.0 33.4





#17

2-Methylphenol

Concen: 38.48 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

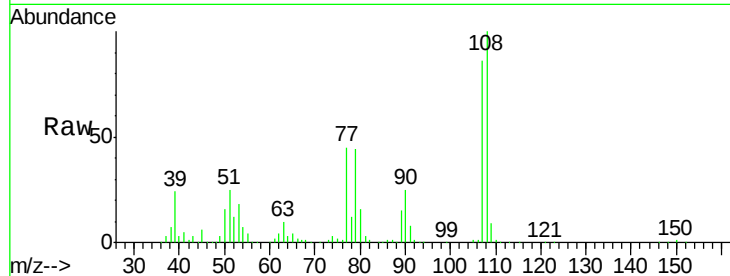
ClientSampleId :

ICVBF050416

Tot Ion:	107	Resp:	412994
Ion Ratio	Lower	Upper	
107	100		
108	115.8	93.7	140.5
77	52.4	33.4	50.0#
79	51.0	34.3	51.5

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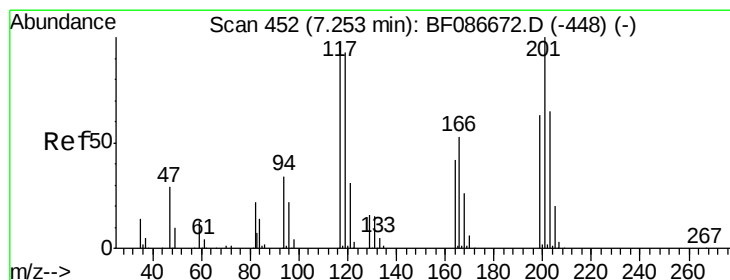
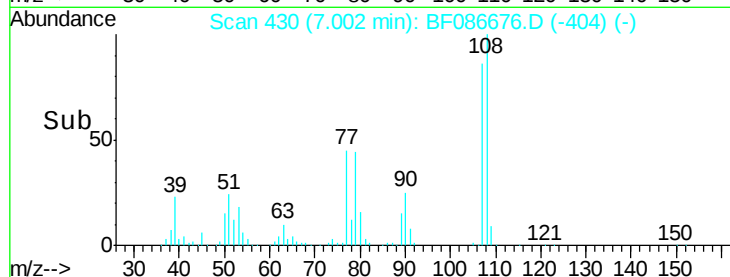
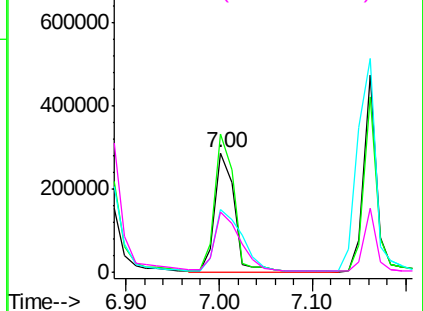


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.67 ng

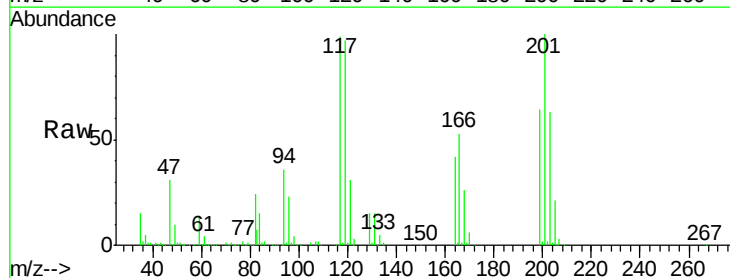
RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

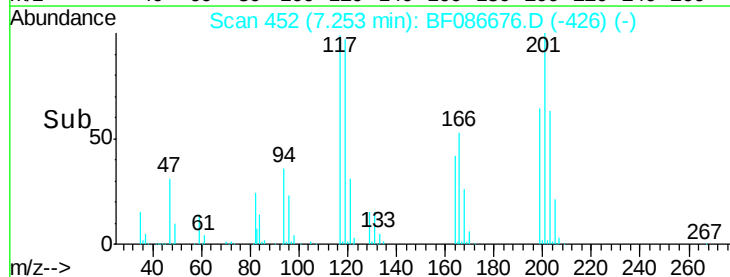
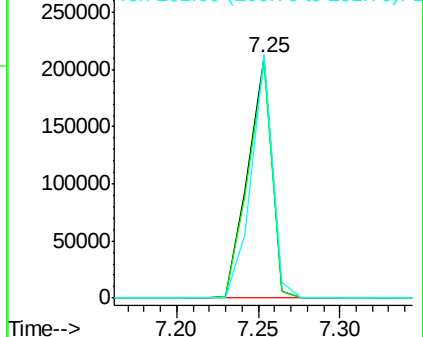
Tgt Ion:	117	Resp:	213643
Ion Ratio	Lower	Upper	
117	100		
119	97.6	76.5	114.7
201	101.1	63.0	94.6#

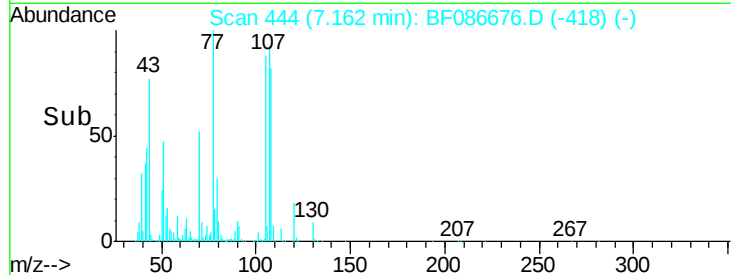
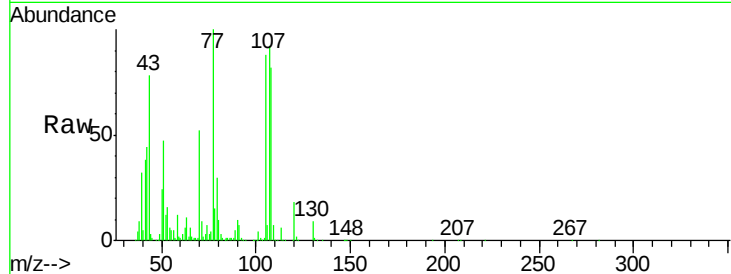
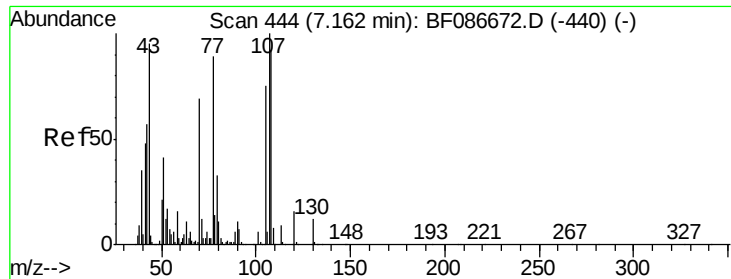


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





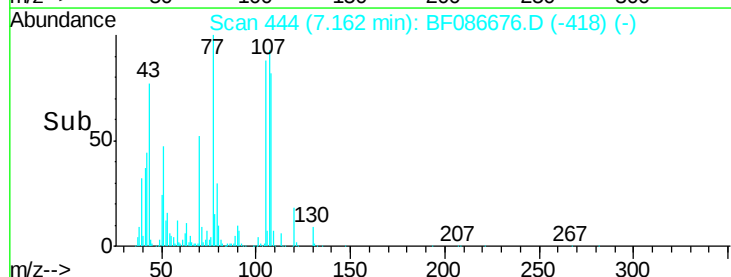
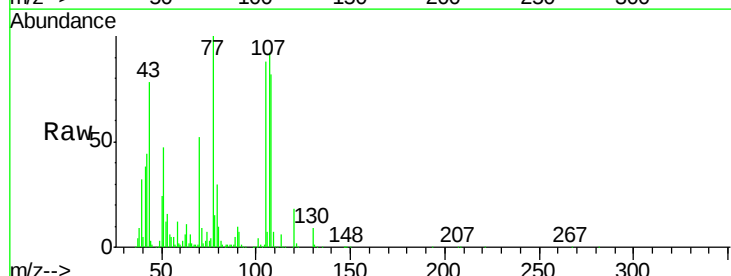
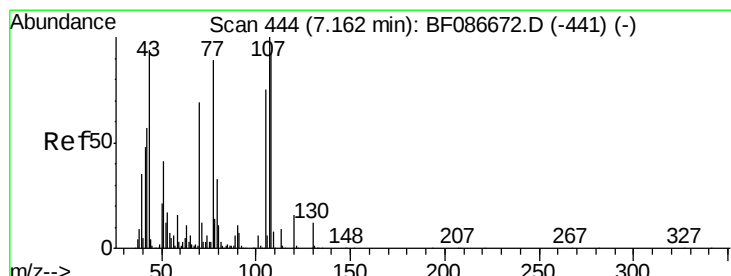
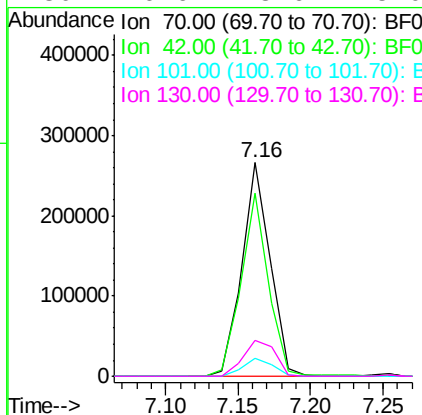
#19
n-Nitroso-di-n-propylamine
Concen: 35.06 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Instrument :
BNA_F
ClientSampleId :
ICVBF050416

Tot Ion	Ratio	Lower	Upper
70	100		
42	85.8	43.1	64.7#
101	8.5	8.1	12.1
130	16.6	18.6	28.0#

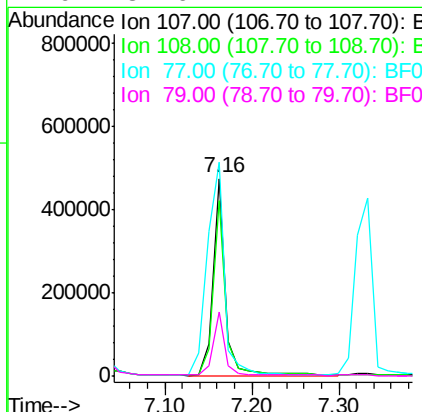
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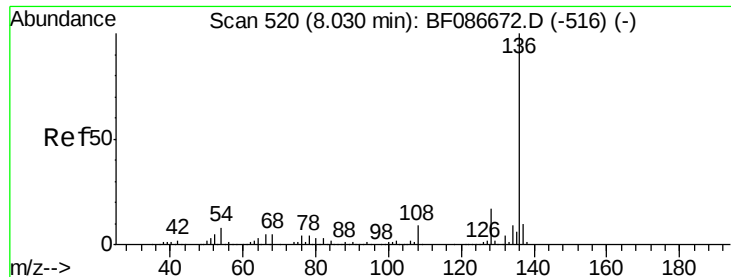
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#20
3+4-Methylphenols
Concen: 37.76 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.5	108.5
77	108.2	101.6	141.6
79	32.6	7.4	47.4





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

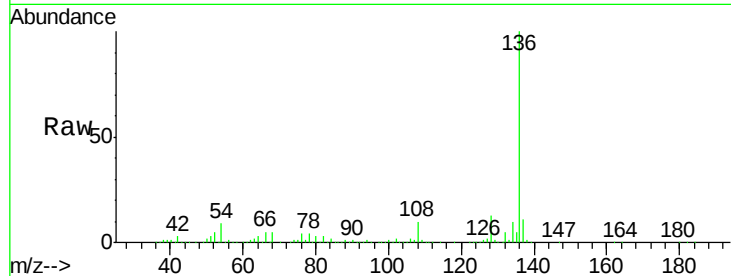
ClientSampleId :

ICVBF050416

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.1	5.0	7.4#
68	5.3	4.4	6.6

Manual Integrations
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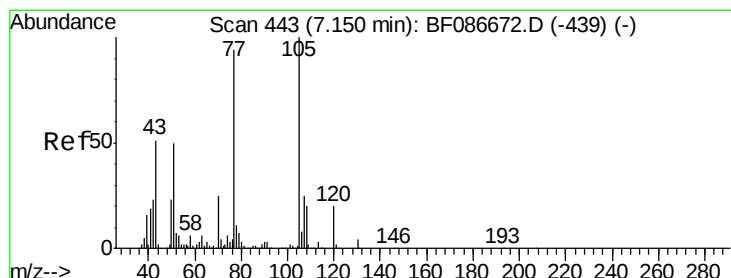
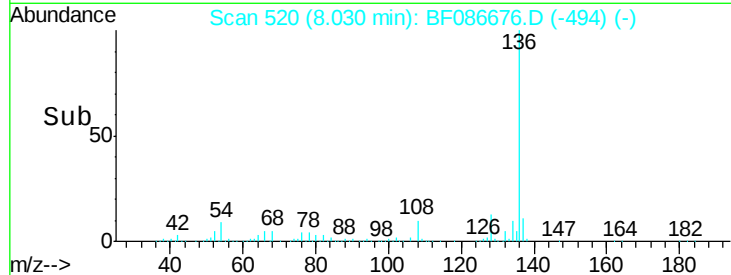
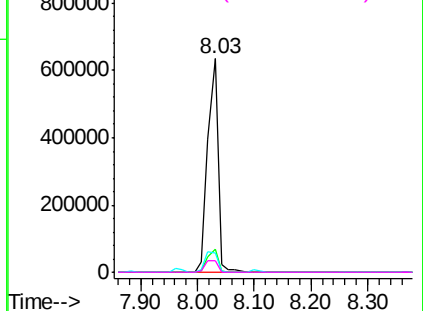


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.35 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.01 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

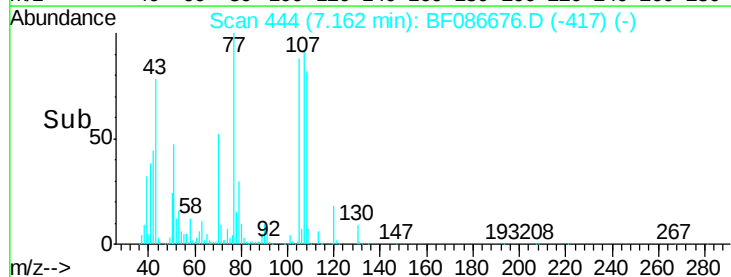
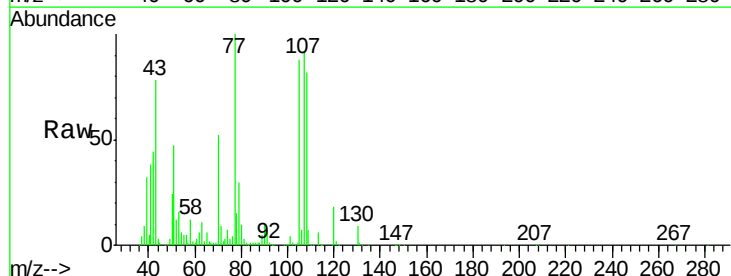
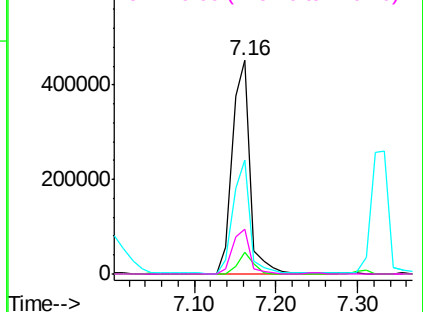
Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	9.9	4.8	7.2#
51	53.1	32.6	49.0#
120	20.9	16.5	24.7

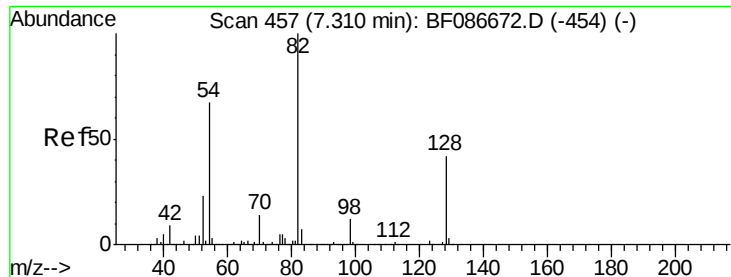
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





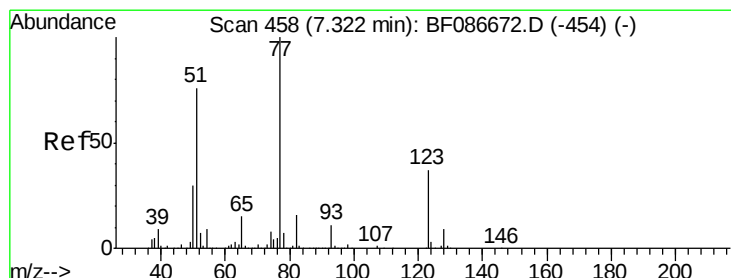
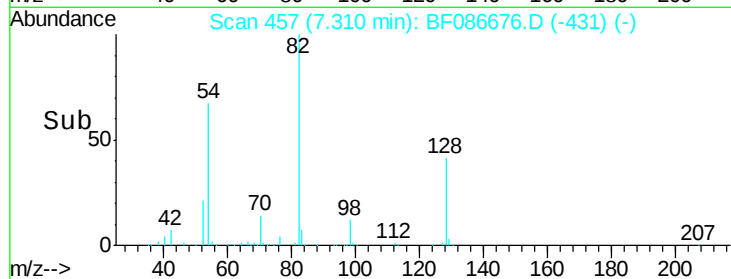
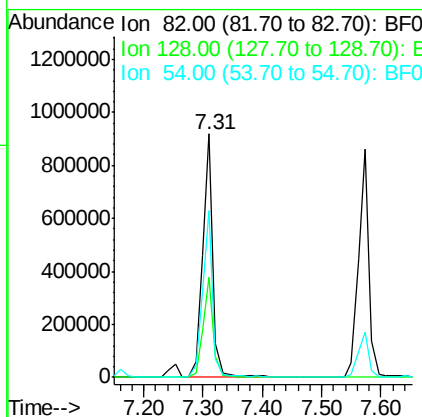
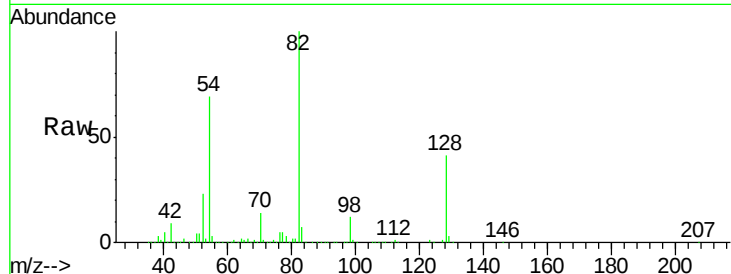
#23
 Nitrobenzene-d5
 Concen: 76.35 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050416

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	40.6	61.0
54	68.5	38.1	57.1

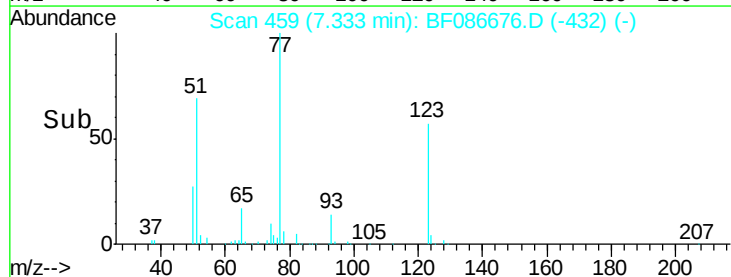
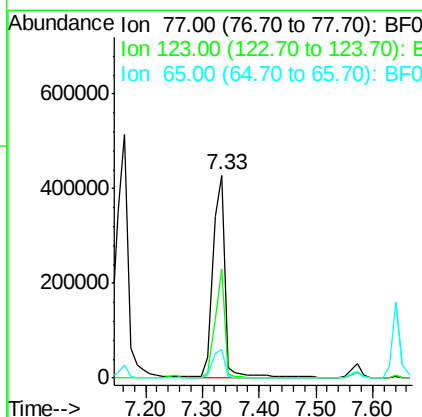
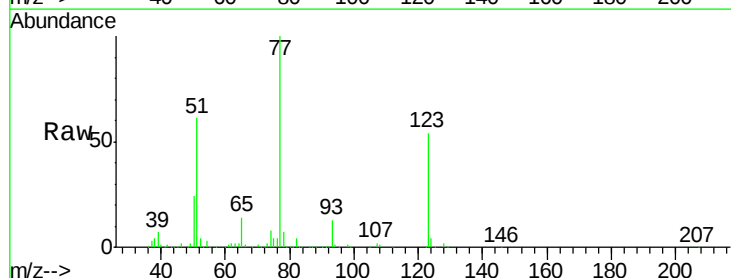
Manual Integrations
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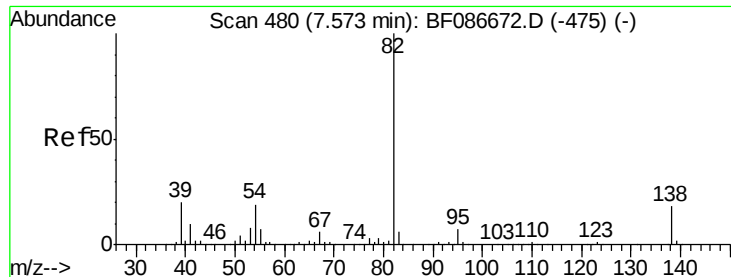
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#24
 Nitrobenzene
 Concen: 39.02 ng
 RT: 7.33 min Scan# 459
 Delta R.T. 0.01 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.7	33.0	49.4
65	13.9	10.8	16.2





#25

Isophorone

Concen: 37.57 ng

RT: 7.57 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampleId :

ICVBF050416

Tot Ion: 82 Resp: 1039909

Ion Ratio Lower Upper

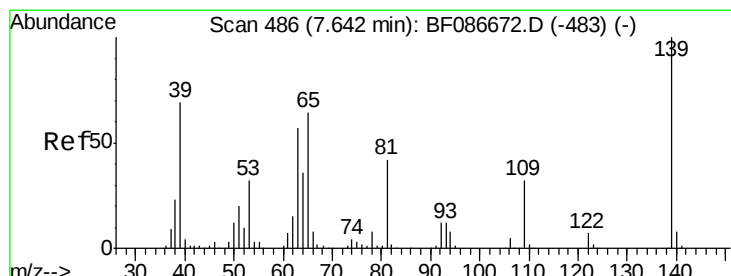
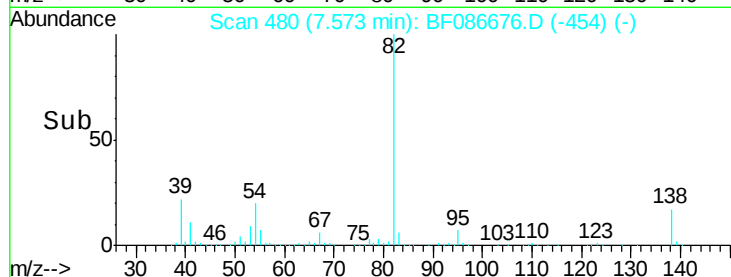
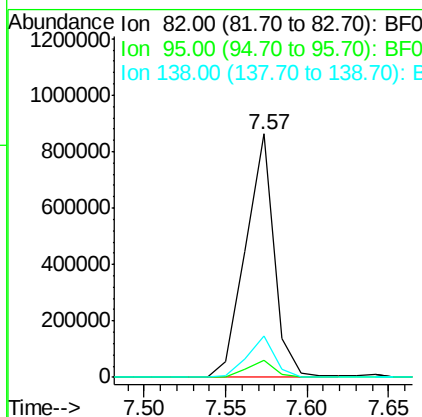
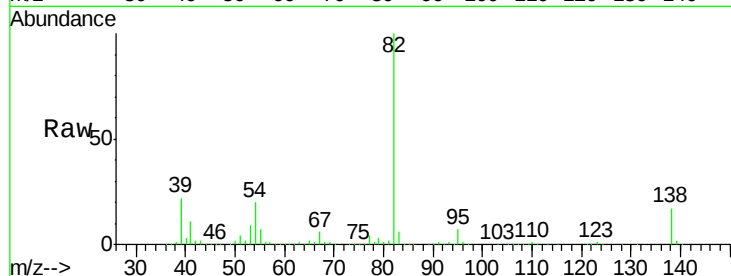
82 100

95 7.2 5.1 7.7

138 17.0 12.4 18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.39 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

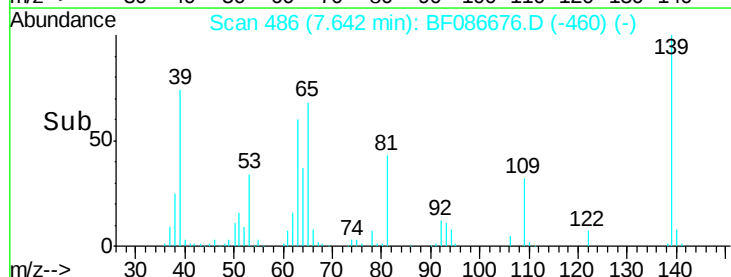
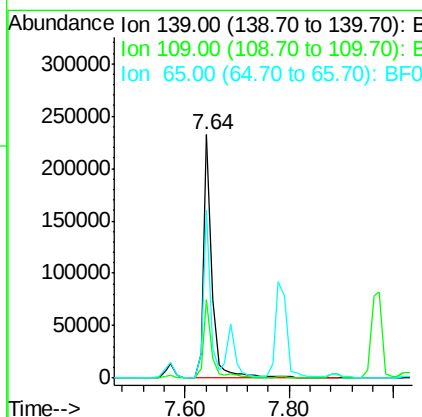
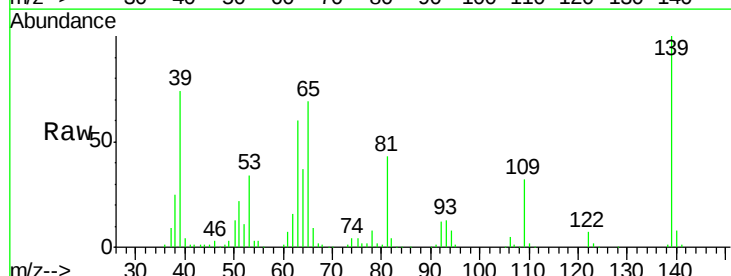
Tgt Ion: 139 Resp: 263193

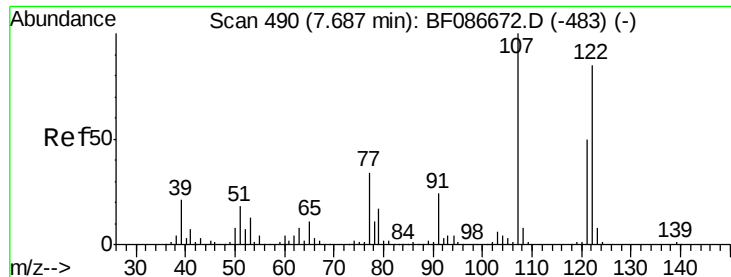
Ion Ratio Lower Upper

139 100

109 32.3 19.5 29.3#

65 68.9 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 36.78 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

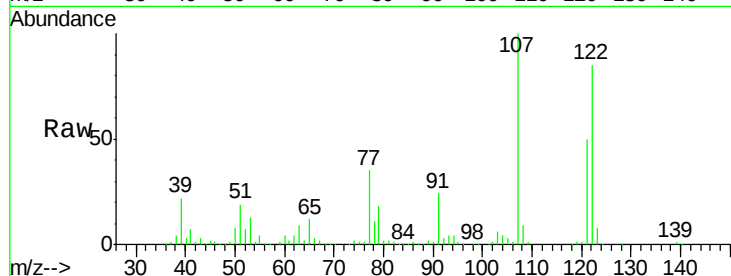
ClientSampleId :

ICVBF050416

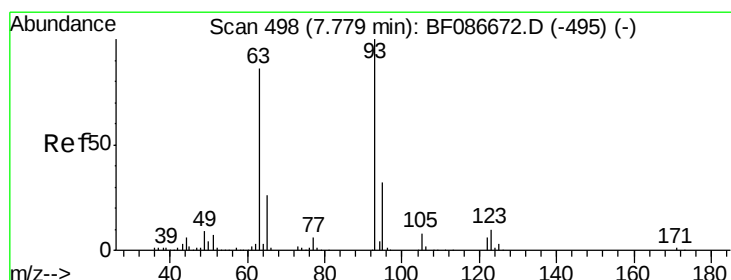
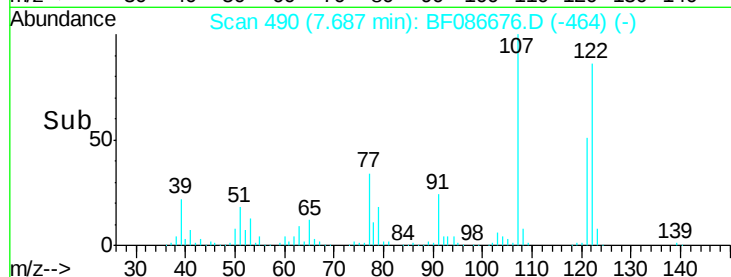
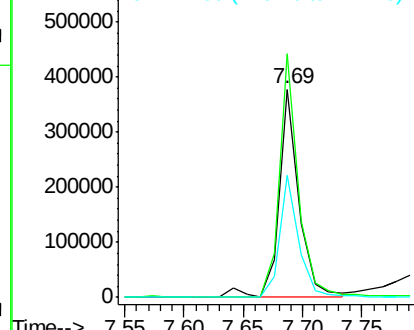
Tot Ion:	122	Resp:	442756
Ion Ratio	Lower	Upper	
122	100		
107	117.0	82.0	123.0
121	59.0	46.1	69.1

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



#28

bis(2-Chloroethoxy)methane

Concen: 37.04 ng

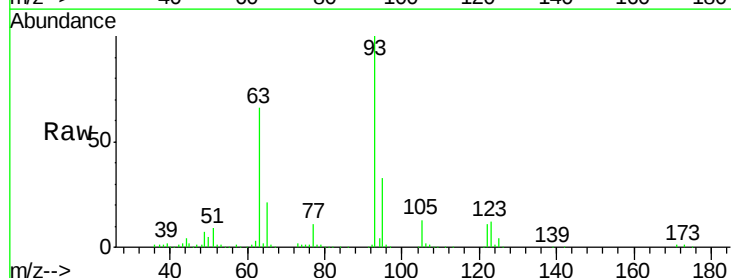
RT: 7.79 min Scan# 499

Delta R.T. 0.01 min

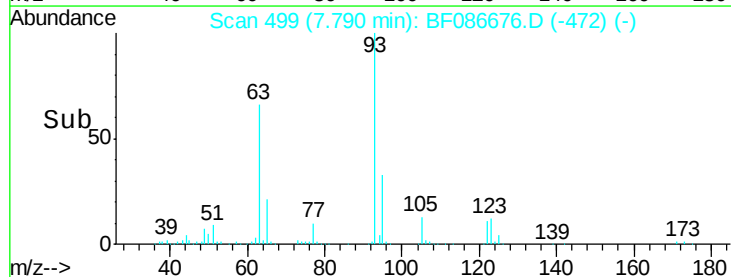
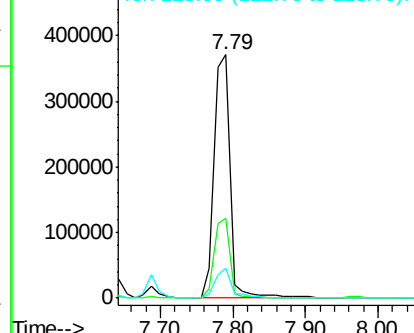
Lab File: BF086676.D

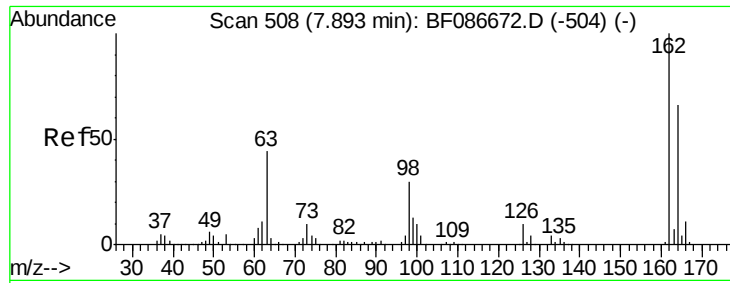
Acq: 4 May 2016 14:55

Tgt Ion:	93	Resp:	564322
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.0	39.0
123	12.5	9.5	14.3



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





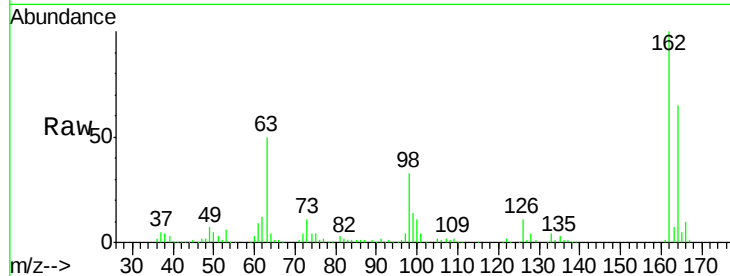
#29
 2,4-Dichlorophenol
 Concen: 38.66 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050416

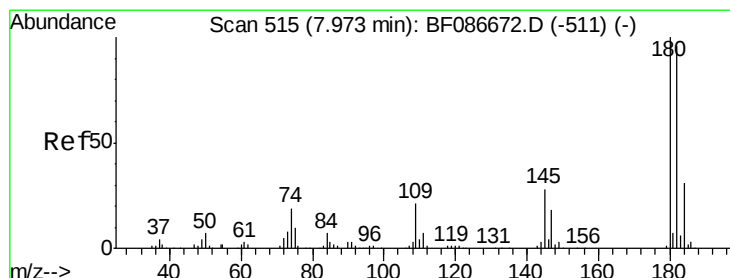
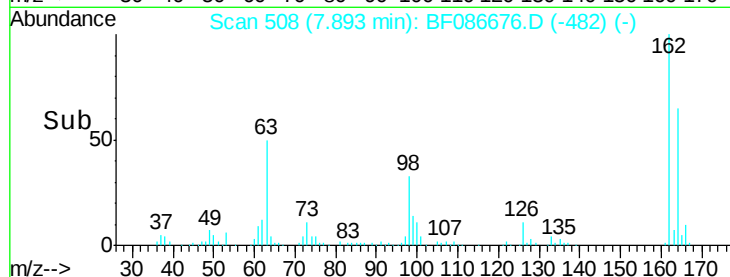
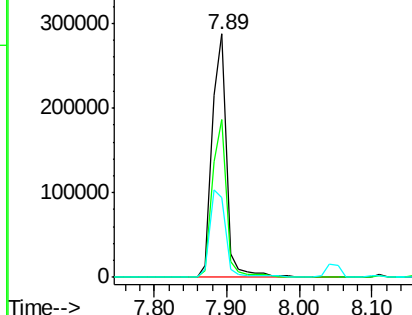
Tot Ion:	162	Resp:	400165
Ion Ratio	Lower	Upper	
162	100		
164	64.6	42.2	82.2
98	32.5	19.0	59.0

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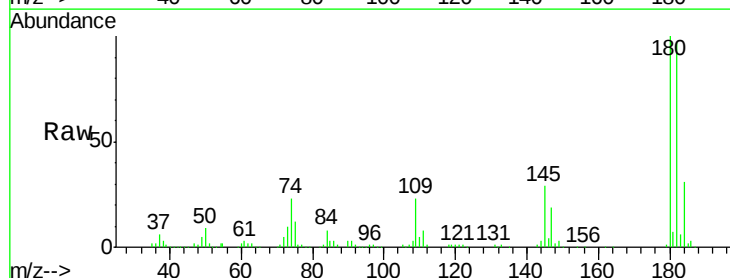


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

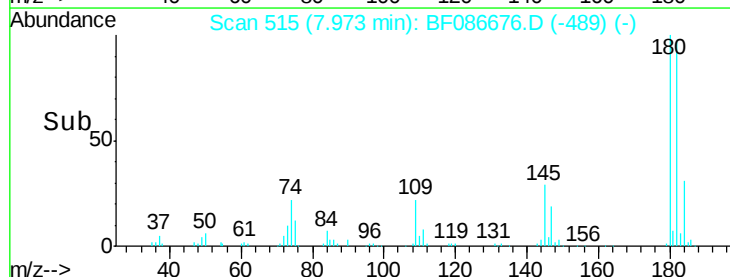
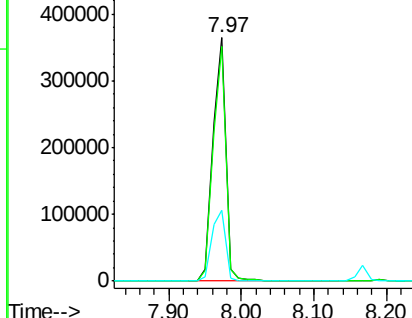


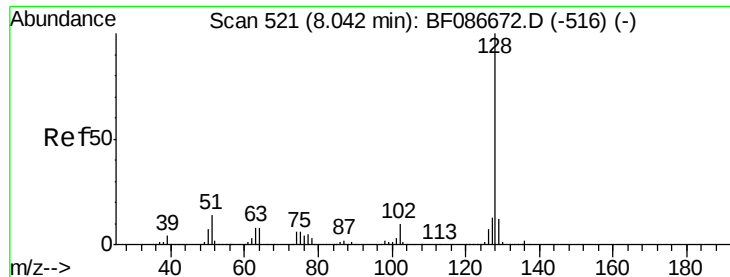
#30
 1,2,4-Trichlorobenzene
 Concen: 38.88 ng
 RT: 7.97 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Tgt Ion:	180	Resp:	448933
Ion Ratio	Lower	Upper	
180	100		
182	96.5	78.0	117.0
145	29.2	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.85 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampleId :

ICVBF050416

Tot Ion:128 Resp: 1437844

Ion Ratio Lower Upper

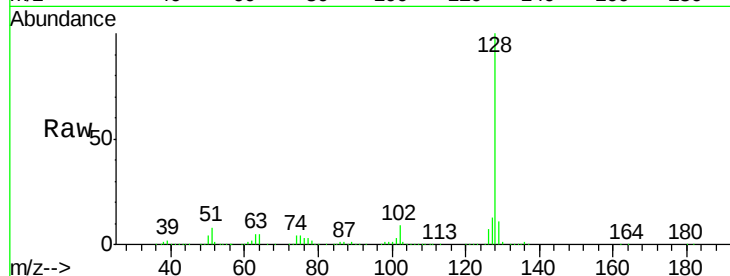
128 100

129 10.8 8.6 13.0

127 13.3 10.8 16.2

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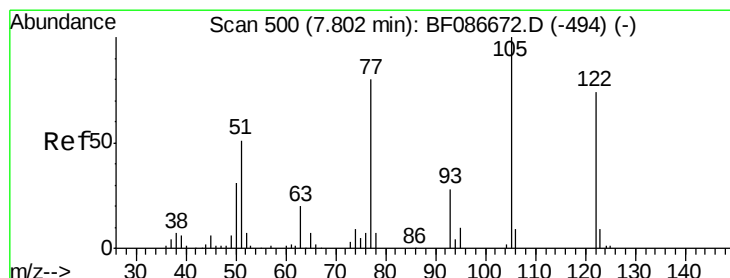
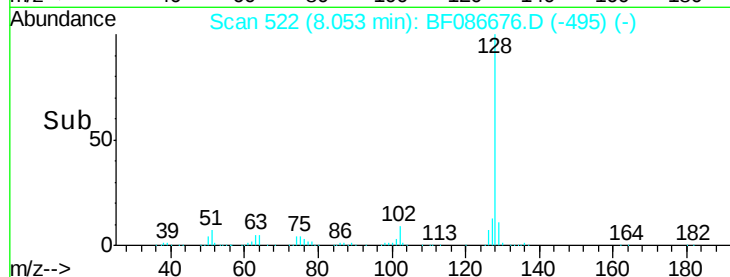
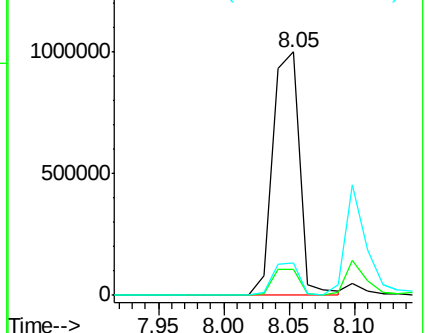
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.27 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

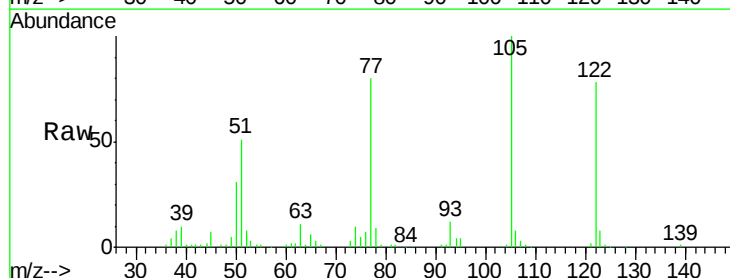
Tgt Ion:122 Resp: 192829

Ion Ratio Lower Upper

122 100

105 127.5 92.6 132.6

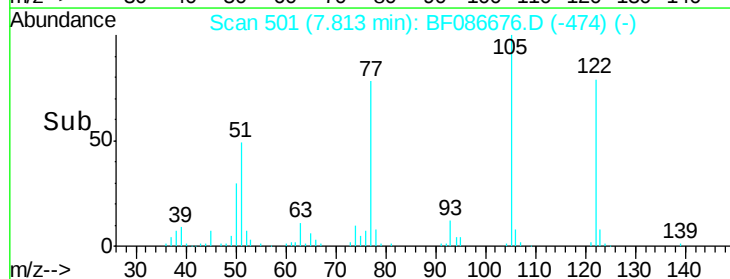
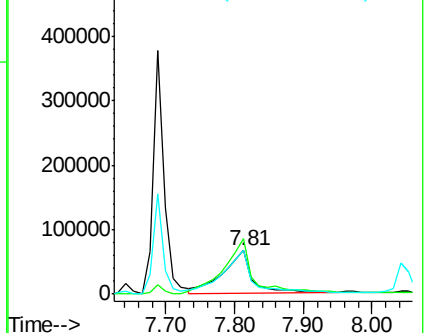
77 102.1 60.0 100.0#

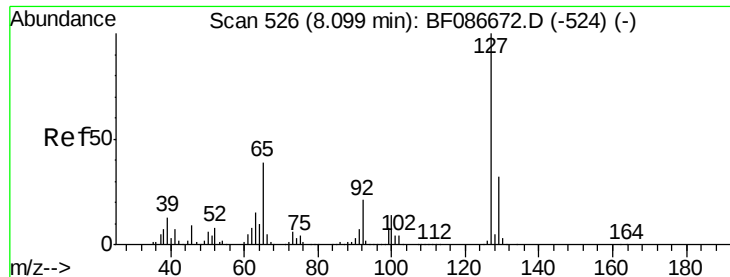


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





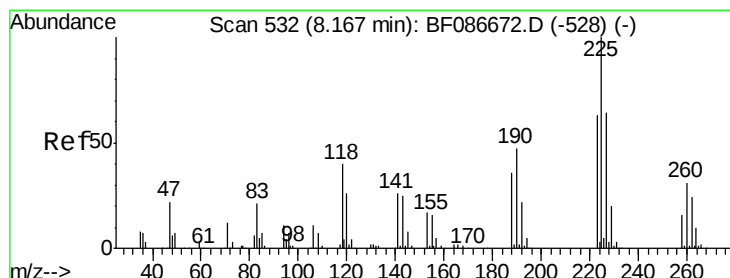
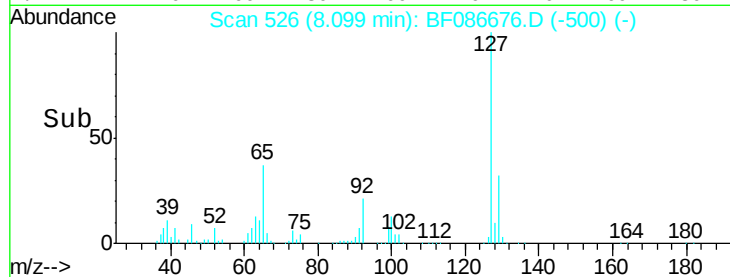
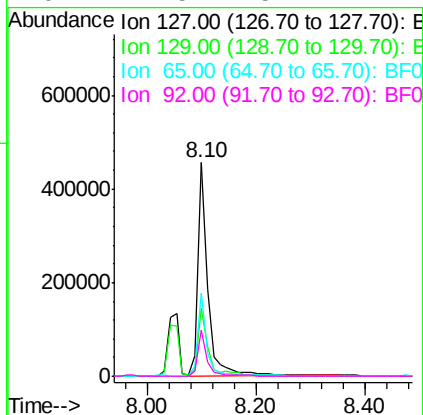
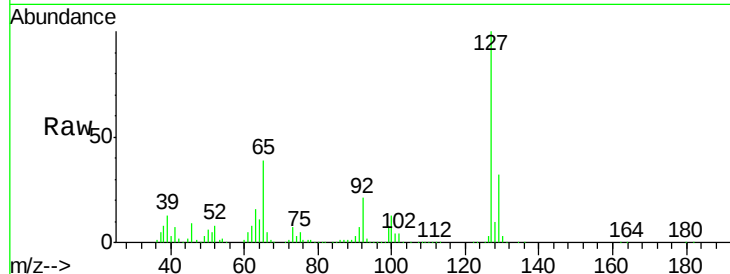
#33
4-Chloroaniline
Concen: 37.67 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Instrument :
BNA_F
ClientSampleId :
ICVBF050416

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	26.2	39.4		
65	39.0	23.0	34.4		
92	21.5	15.1	22.7		

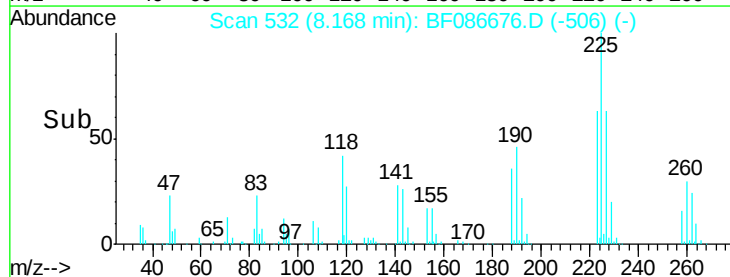
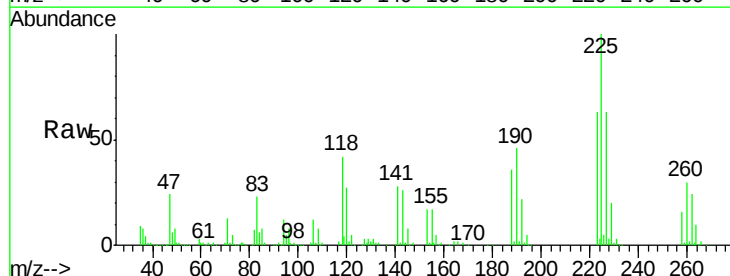
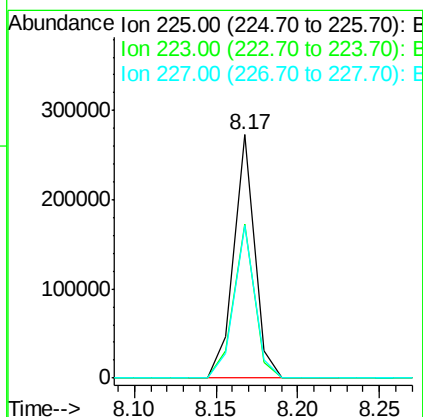
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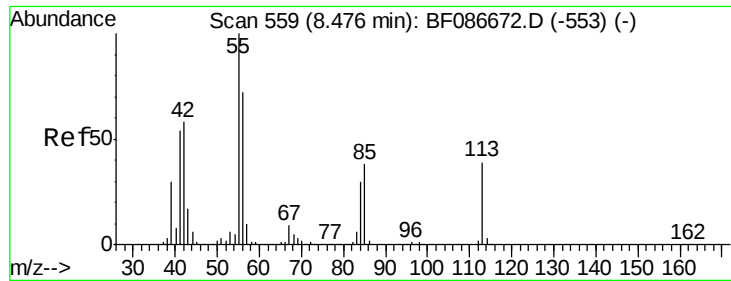
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#34
Hexachlorobutadiene
Concen: 36.81 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	51.5	77.3		
227	62.9	52.2	78.2		





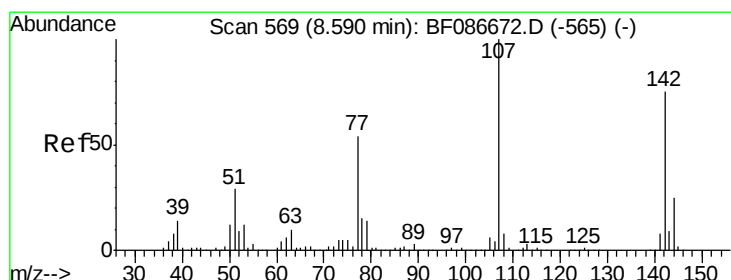
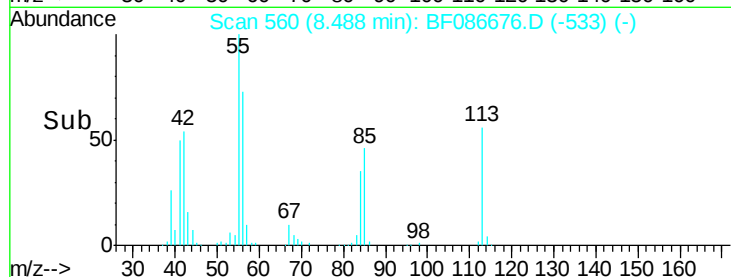
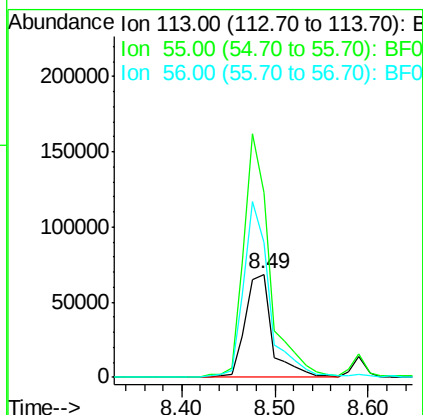
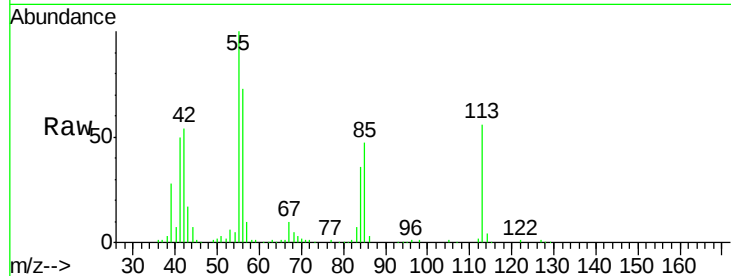
#35
 Caprolactam
 Concen: 42.91 ng
 RT: 8.49 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050416

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	179.4	162.0	202.0	
56	130.5	115.3	155.3	

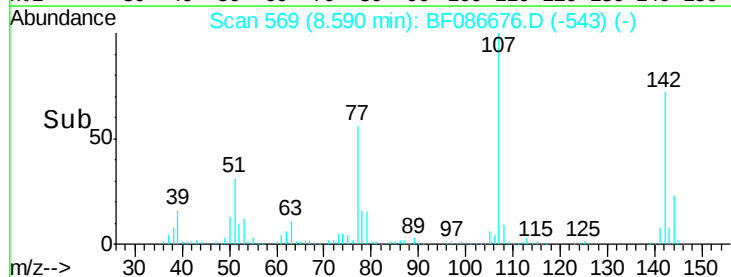
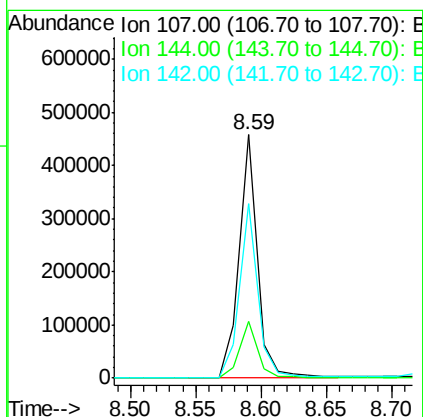
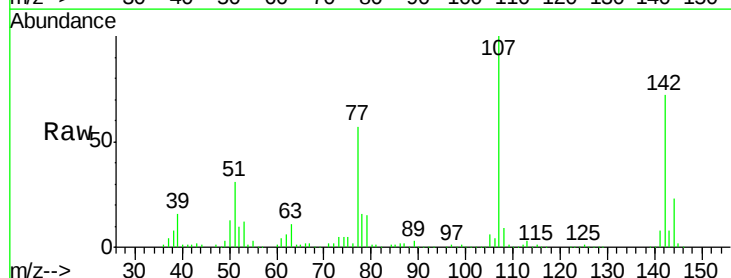
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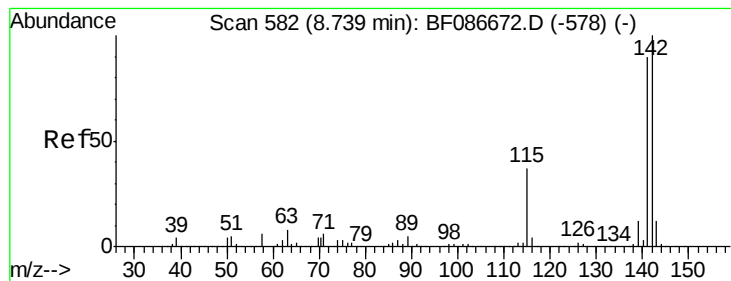
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#36
 4-Chloro-3-methylphenol
 Concen: 38.05 ng
 RT: 8.59 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.2	20.7	31.1	
142	71.8	63.2	94.8	





#37

2-Methylnaphthalene

Concen: 38.69 ng

RT: 8.74 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

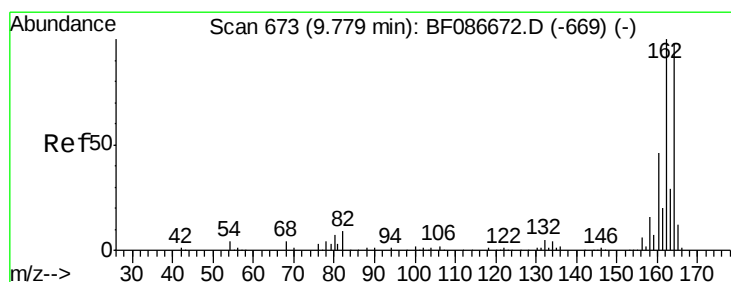
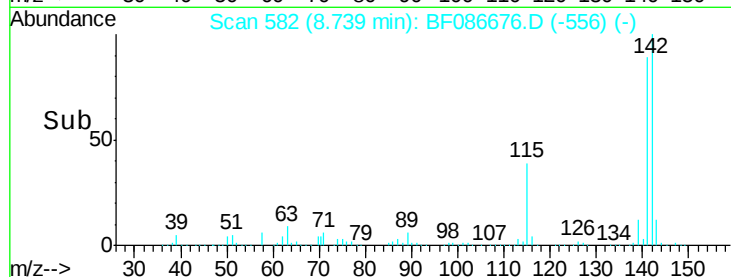
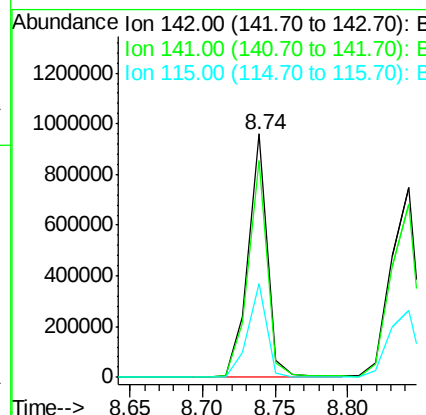
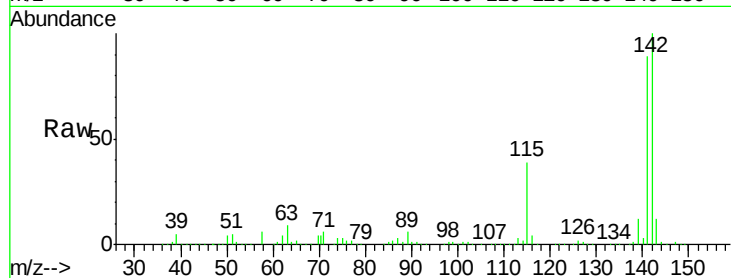
ClientSampleId :

ICVBF050416

Tot Ion:	142	Resp:	890764
Ion Ratio	Lower	Upper	
142	100		
141	89.1	71.0	106.6
115	38.6	26.6	39.8

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#38

Acenaphthene-d10

Concen: 40.00 ng

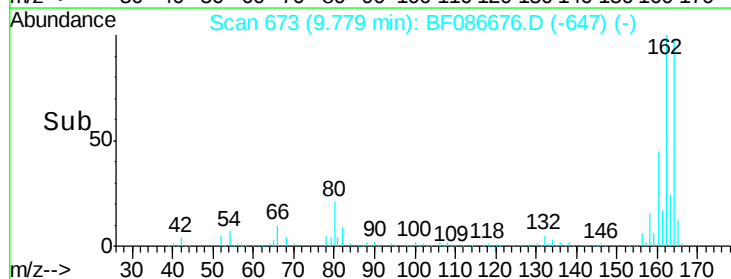
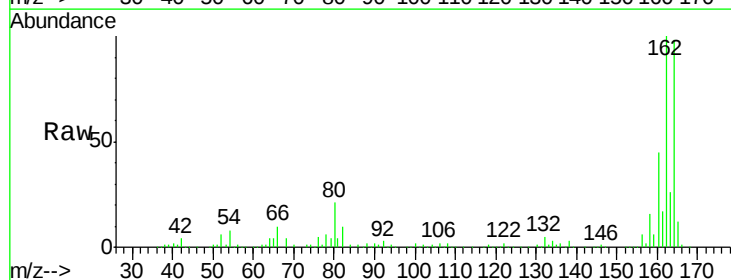
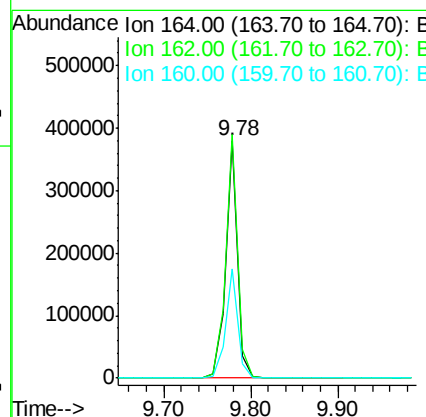
RT: 9.78 min Scan# 673

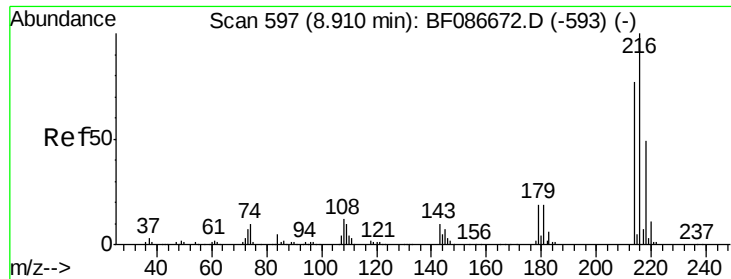
Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Tgt Ion:	164	Resp:	366138
Ion Ratio	Lower	Upper	
164	100		
162	102.4	82.8	124.2
160	46.0	36.9	55.3





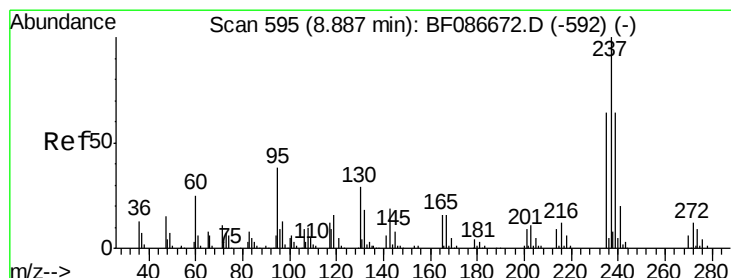
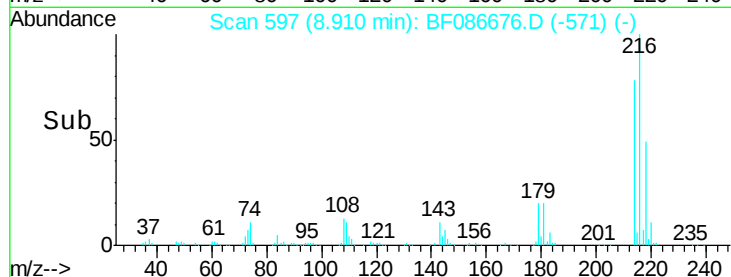
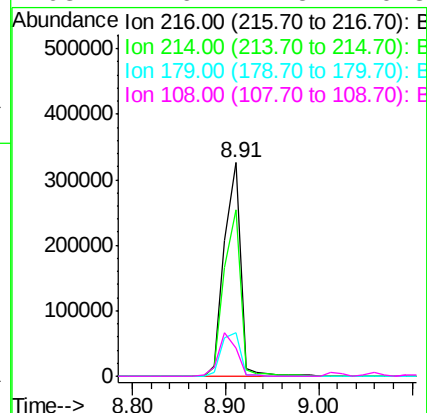
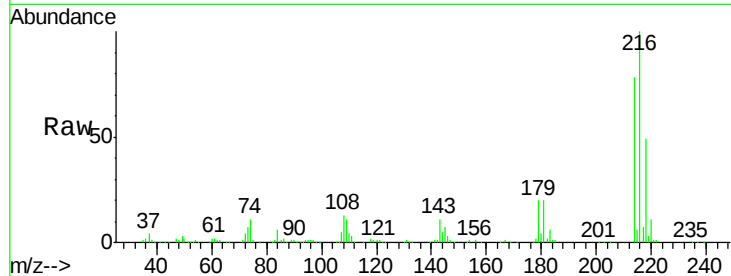
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.62 ng
 RT: 8.91 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050416

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		398677		
214	79.1	62.6	93.8		
179	23.4	18.2	27.4		
108	22.6	17.5	26.3		

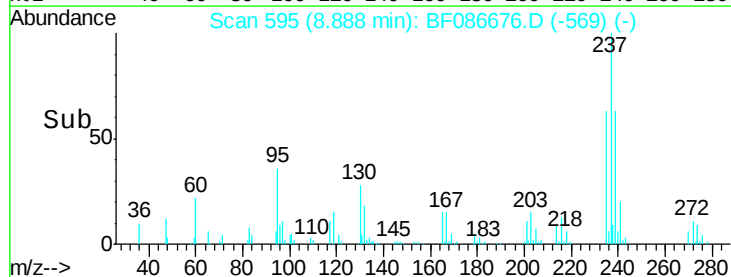
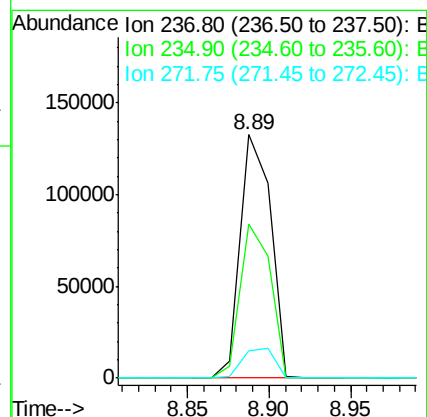
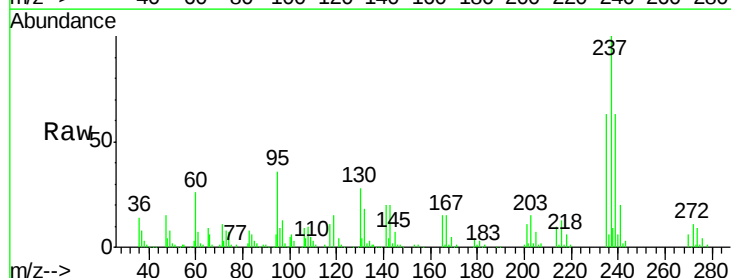
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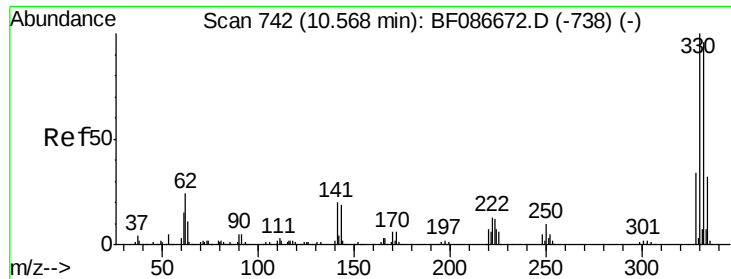
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#40
 Hexachlorocyclopentadiene
 Concen: 38.44 ng
 RT: 8.89 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		170872		
235	63.3	47.2	87.2		
272	11.2	0.0	31.1		





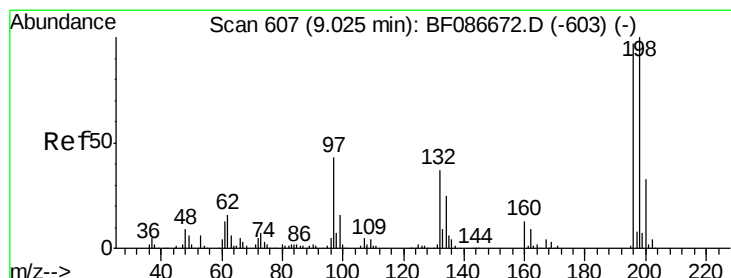
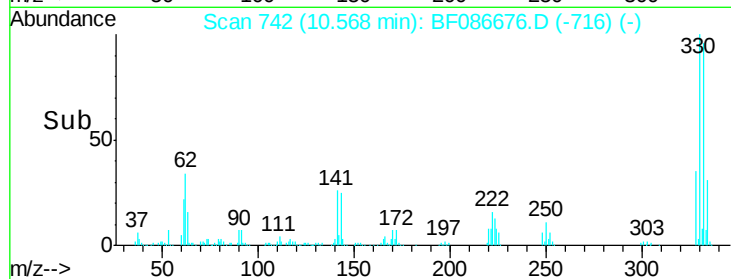
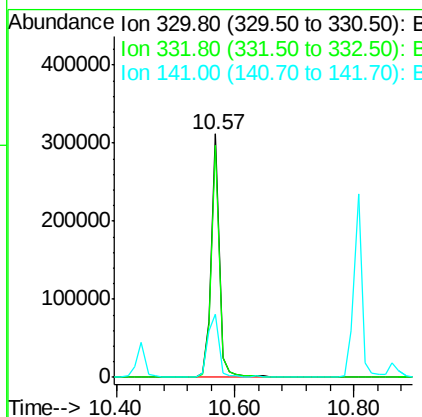
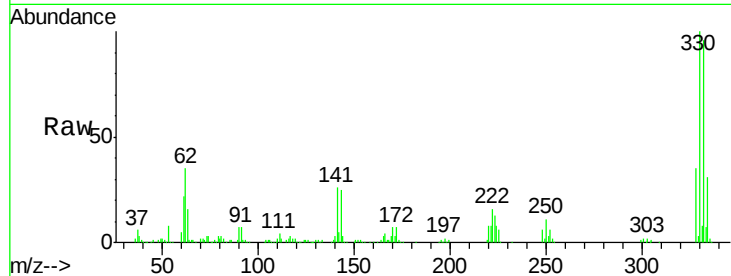
#41
 2,4,6-Tribromophenol
 Concen: 84.21 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050416

Tot Ion	Ratio	Resp	Lower	Upper
330	100	301630		
332	96.0	79.0	118.4	
141	35.7	31.2	46.8	

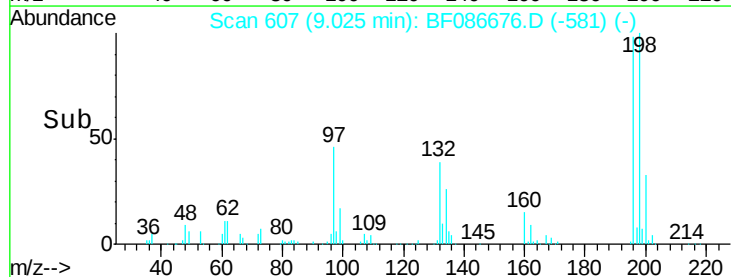
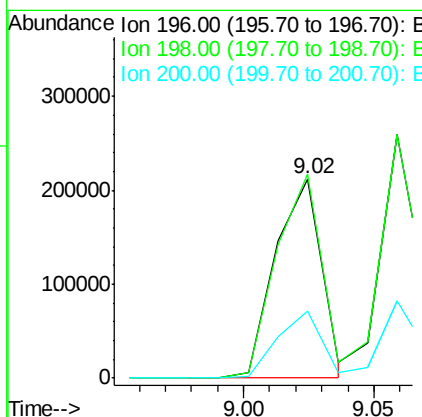
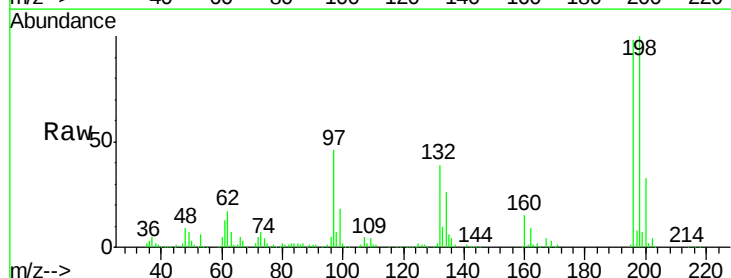
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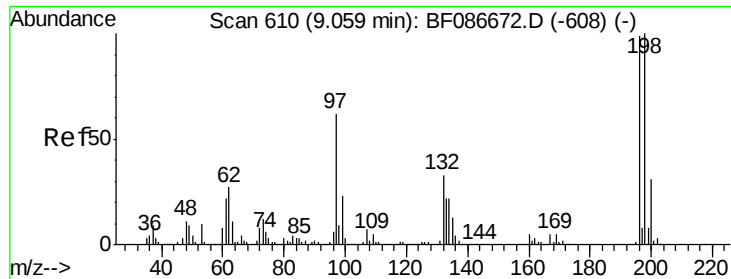
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#42
 2,4,6-Trichlorophenol
 Concen: 38.83 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	261677		
198	102.3	74.7	112.1	
200	33.5	23.8	35.6	





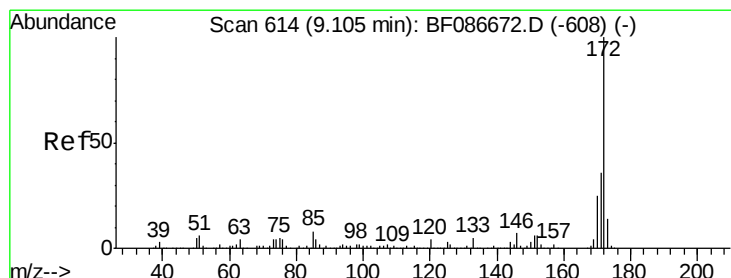
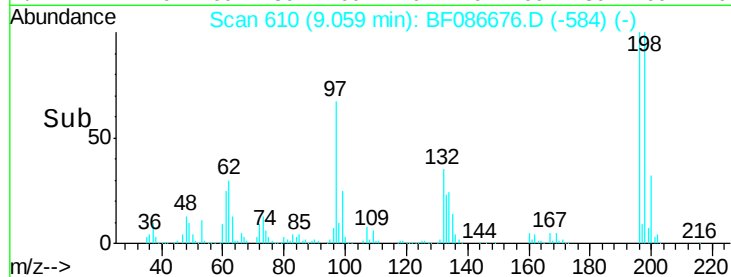
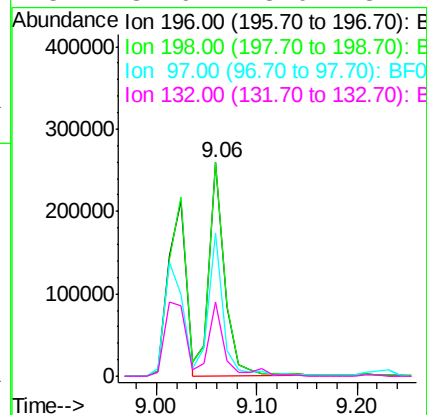
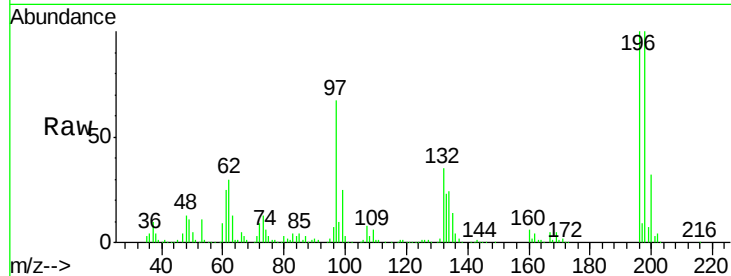
#43
2,4,5-Trichlorophenol
Concen: 40.14 ng
RT: 9.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Instrument :
BNA_F
ClientSampleId :
ICVBF050416

Tot Ion	Ratio	Resp	Lower	Upper
196	100	282606		
198	100.0	77.5	116.3	
97	67.2	34.8	52.2#	
132	34.9	23.0	34.4#	

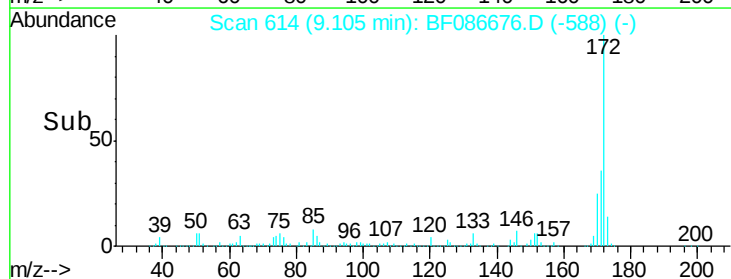
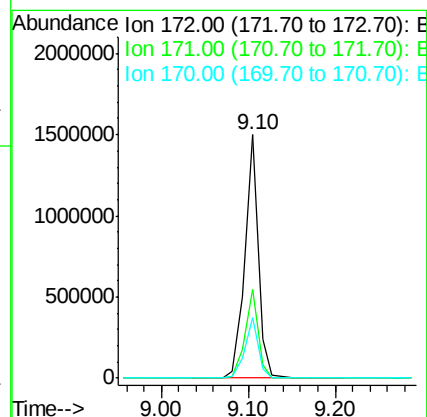
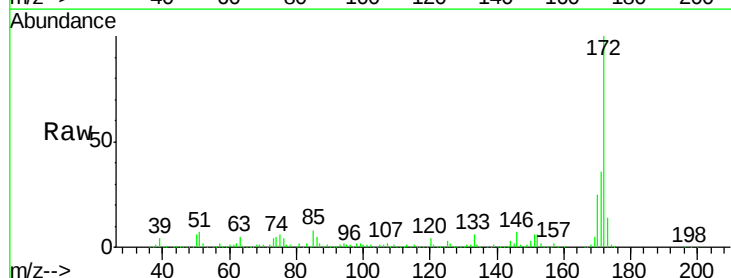
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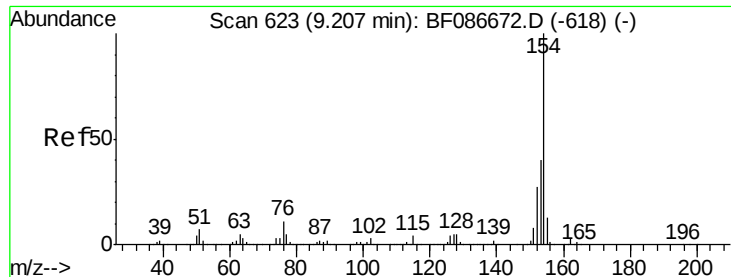
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#44
2-Fluorobiphenyl
Concen: 71.63 ng
RT: 9.10 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1599871		
171	36.3	29.0	43.6	
170	24.9	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 39.16 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampleId :

ICVBF050416

Tot Ion:154 Resp: 1172364

Ion Ratio Lower Upper

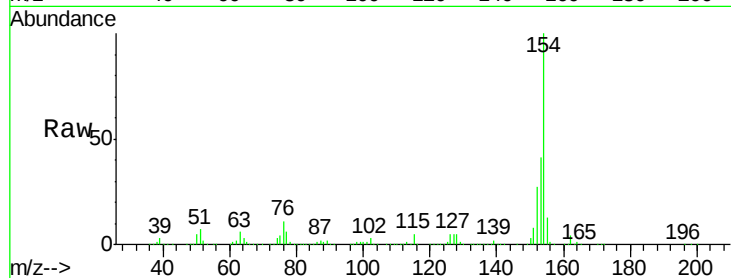
154 100

153 40.7 20.3 60.3

76 11.2 0.0 30.2

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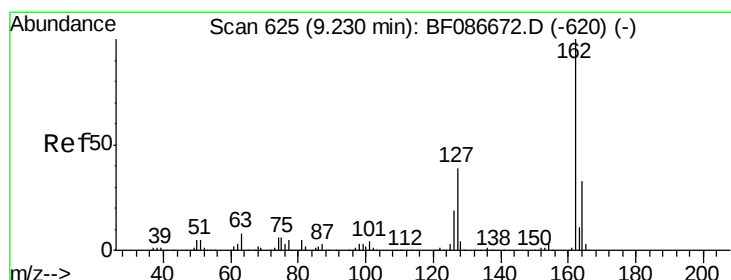
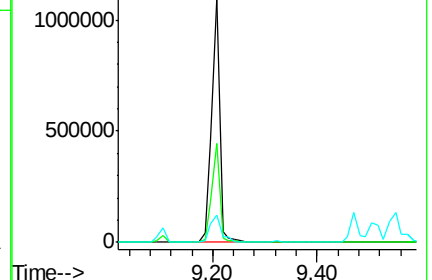
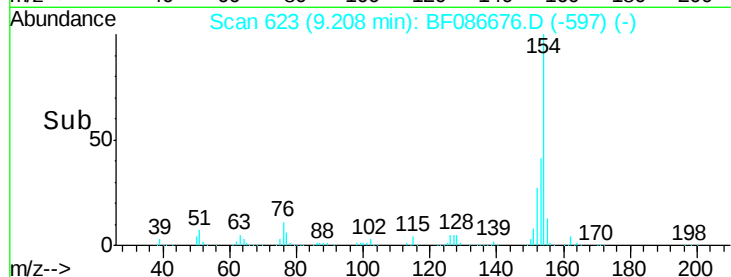
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.25 ng

RT: 9.23 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

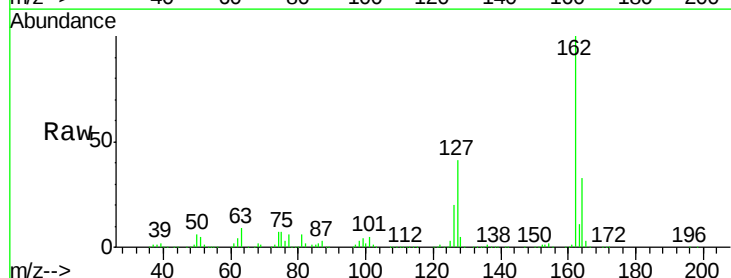
Tgt Ion:162 Resp: 906545

Ion Ratio Lower Upper

162 100

127 41.1 31.8 47.6

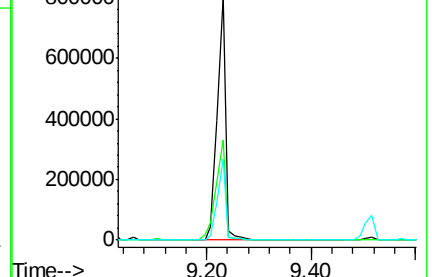
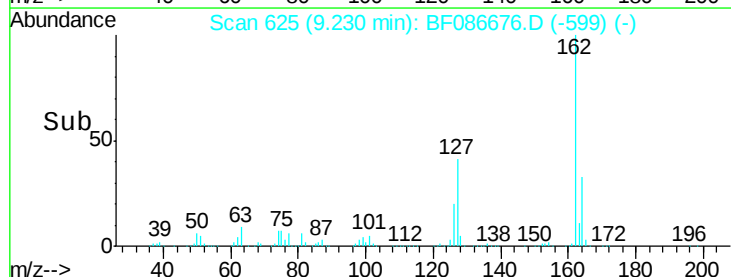
164 33.4 27.0 40.6

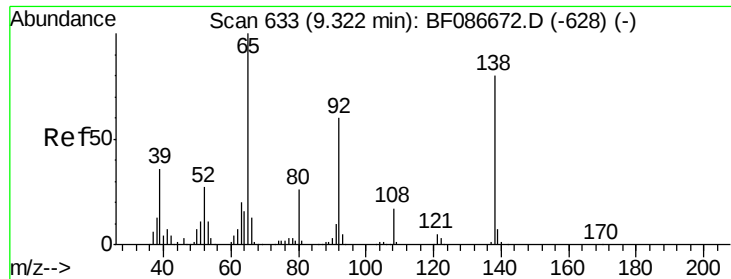


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





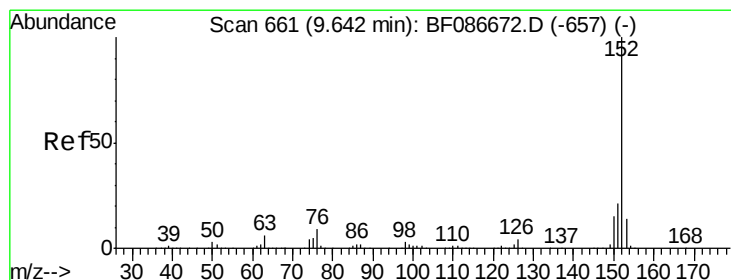
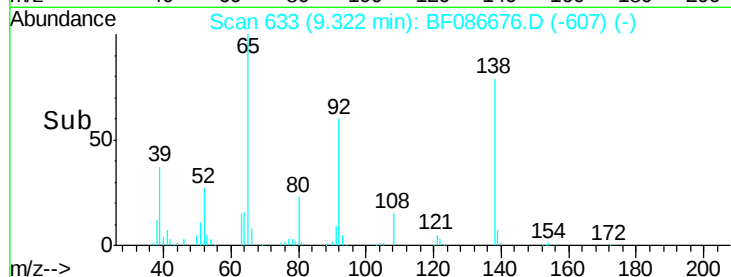
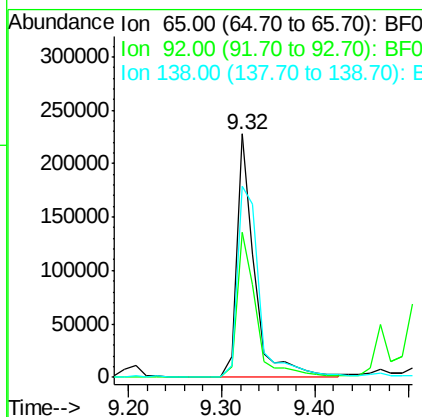
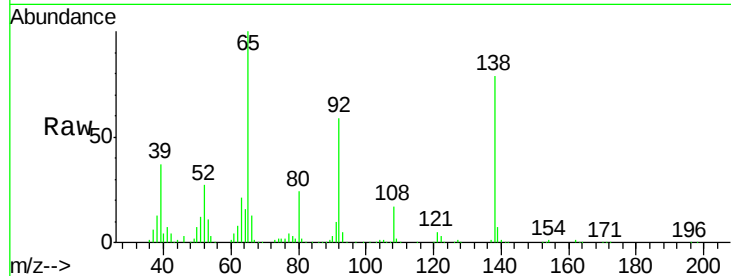
#47
2-Nitroaniline
Concen: 36.81 ng
RT: 9.32 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Instrument :
BNA_F
ClientSampleId :
ICVBF050416

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.5	57.4	86.2
138	78.6	90.1	135.1#

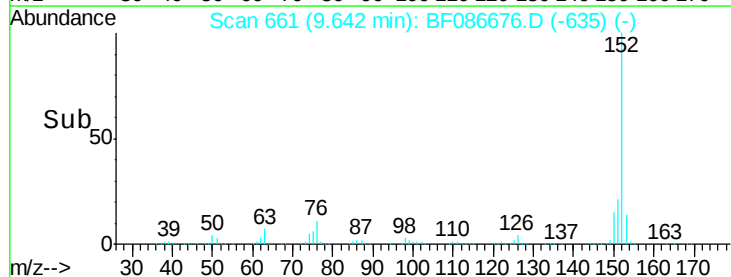
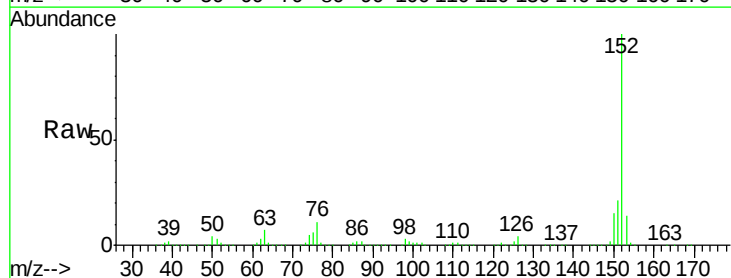
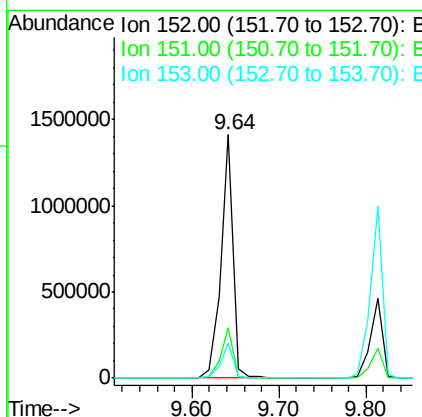
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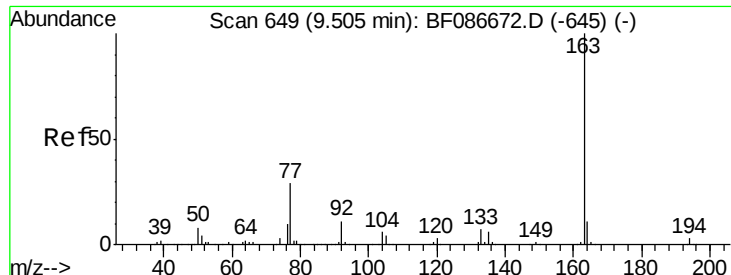
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#48
Acenaphthylene
Concen: 40.45 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	14.3	10.9	16.3





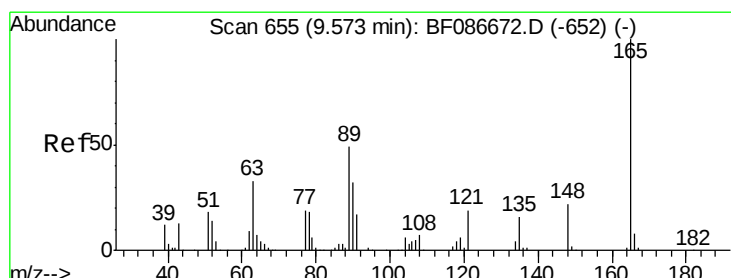
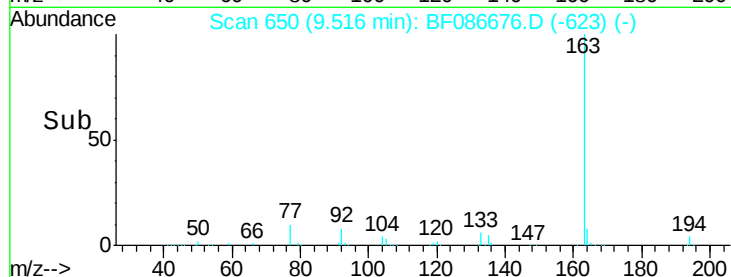
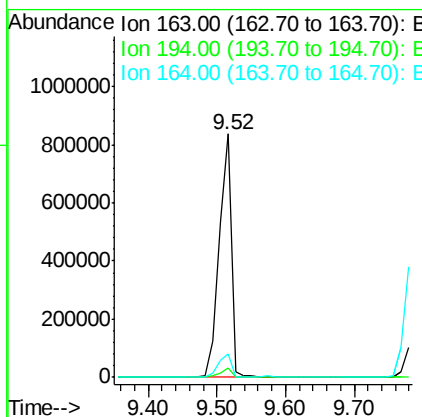
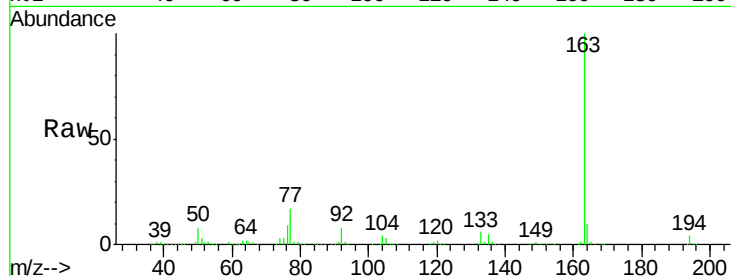
#49
Dimethylphthalate
Concen: 38.79 ng
RT: 9.52 min Scan# 650
Delta R.T. 0.01 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Instrument :
BNA_F
ClientSampleId :
ICVBF050416

Tot Ion:163 Resp: 1058905
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.9 8.2 12.4

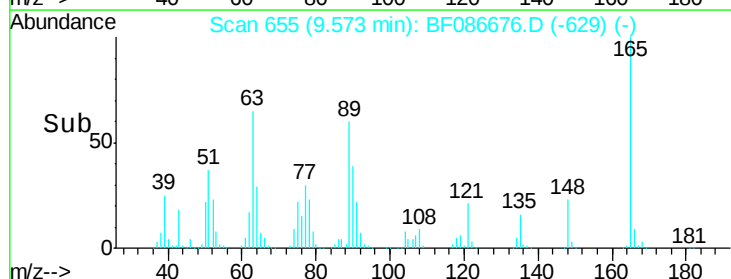
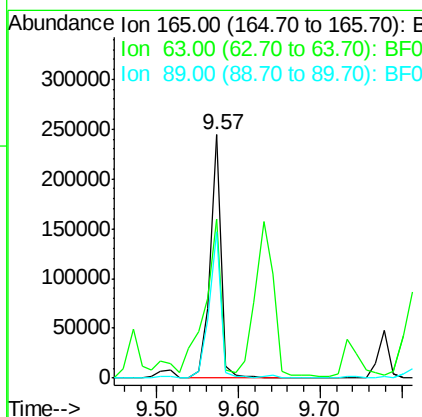
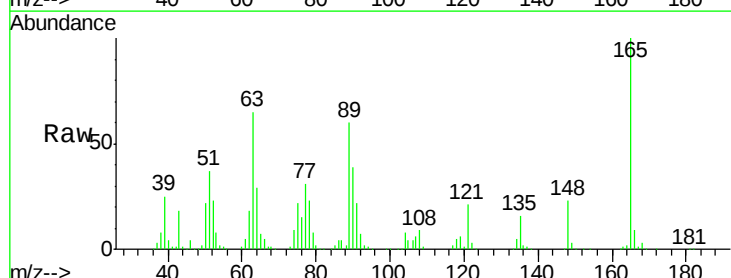
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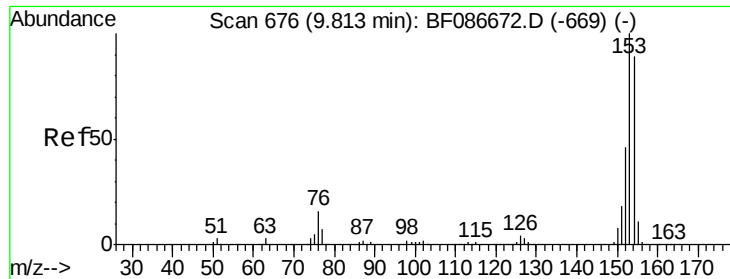
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#50
2,6-Dinitrotoluene
Concen: 40.14 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion:165 Resp: 235093
Ion Ratio Lower Upper
165 100
63 65.4 51.8 77.8
89 59.9 50.7 76.1





#51

Acenaphthene

Concen: 37.67 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

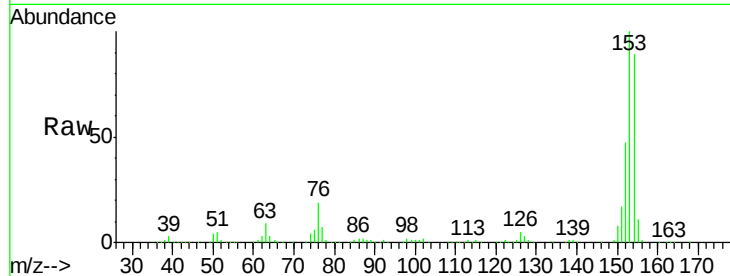
ClientSampleId :

ICVBF050416

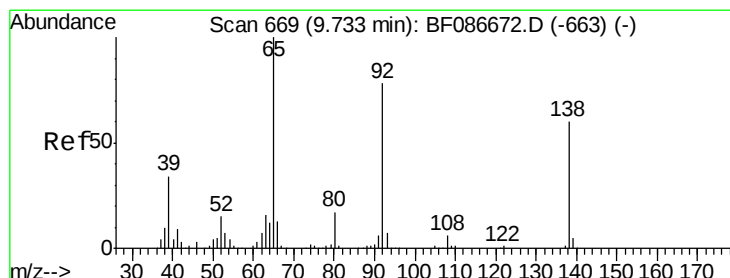
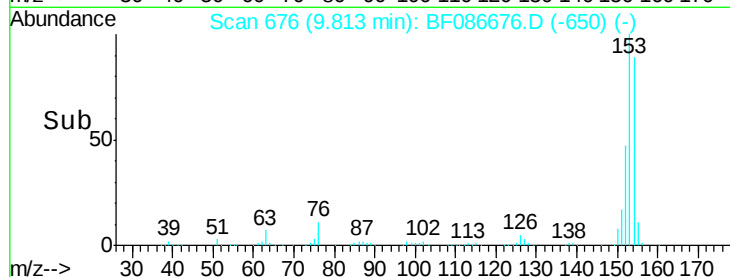
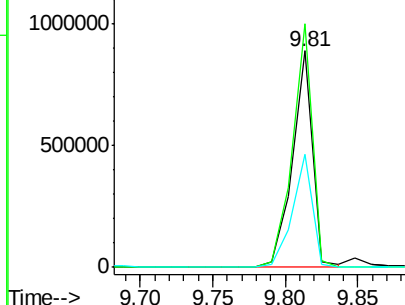
Tot Ion:	154	Resp:	852007
Ion Ratio	Lower	Upper	
154	100		
153	112.4	89.8	134.6
152	52.3	43.4	65.0

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



#52

3-Nitroaniline

Concen: 38.02 ng

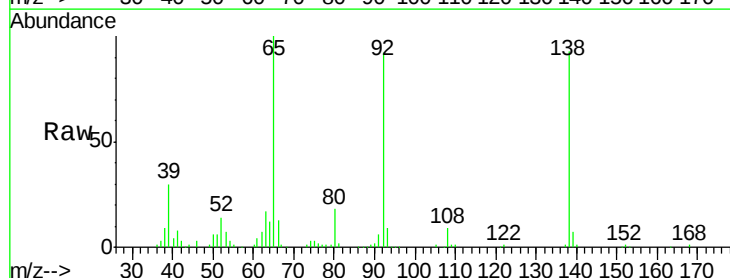
RT: 9.74 min Scan# 670

Delta R.T. 0.01 min

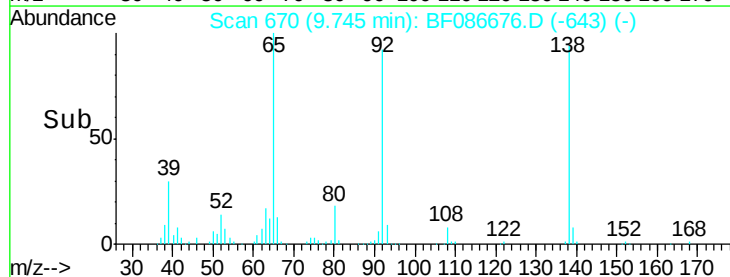
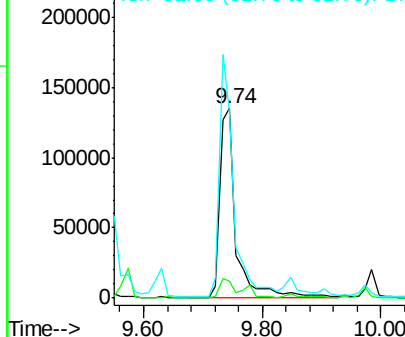
Lab File: BF086676.D

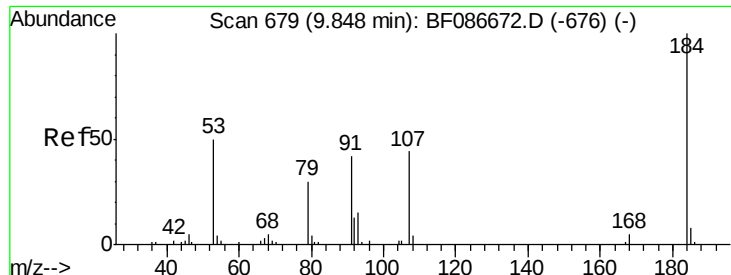
Acq: 4 May 2016 14:55

Tgt Ion:	138	Resp:	253150
Ion Ratio	Lower	Upper	
138	100		
108	9.2	7.8	11.6
92	98.1	87.8	131.8



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





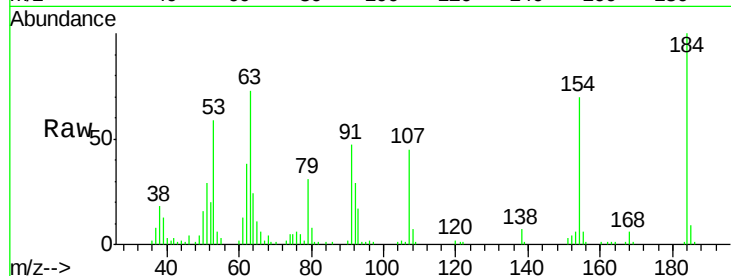
#53
2,4-Dinitrophenol
Concen: 43.65 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Instrument :
BNA_F
ClientSampleId :
ICVBF050416

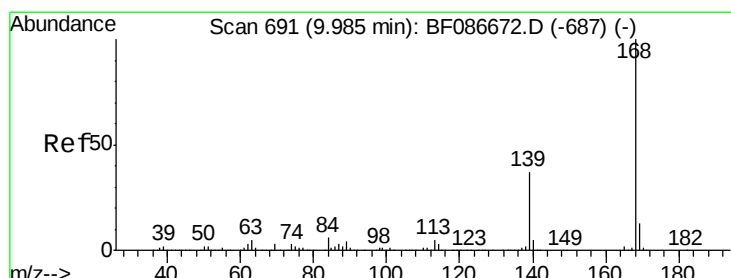
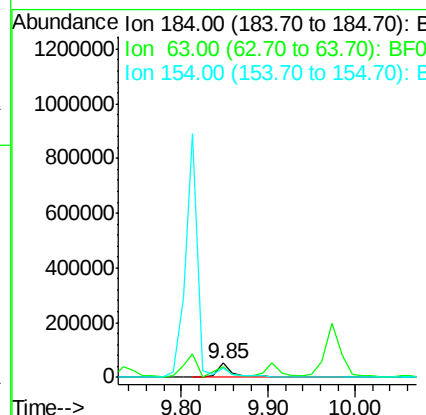
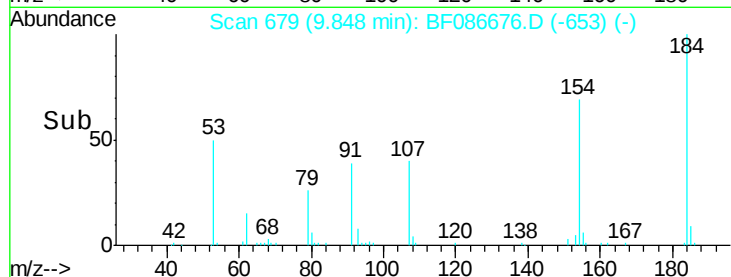
Tot Ion	Ratio	Lower	Upper
184	100		
63	72.9	55.8	83.8
154	70.2	62.4	93.6

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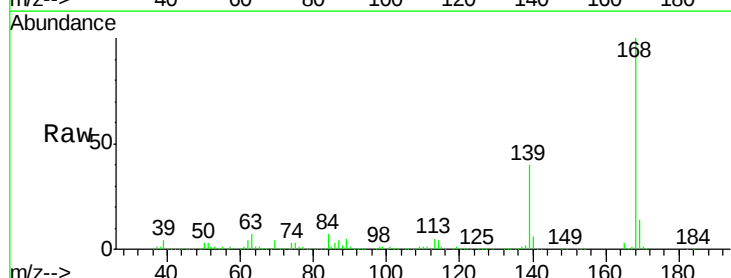


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

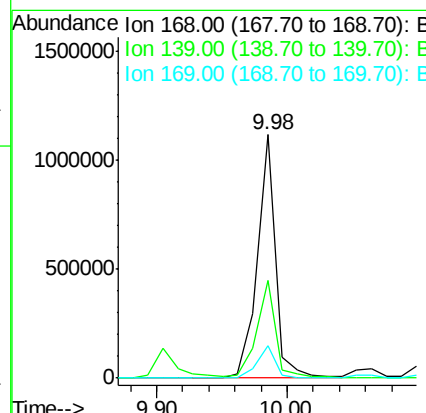
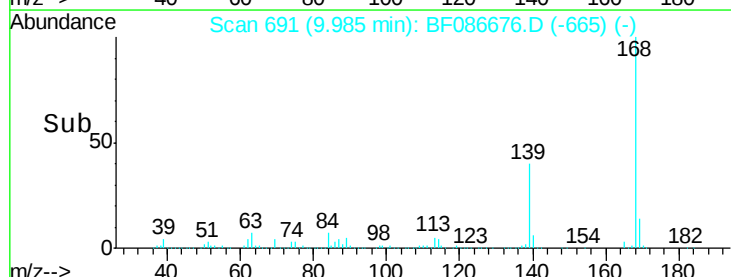


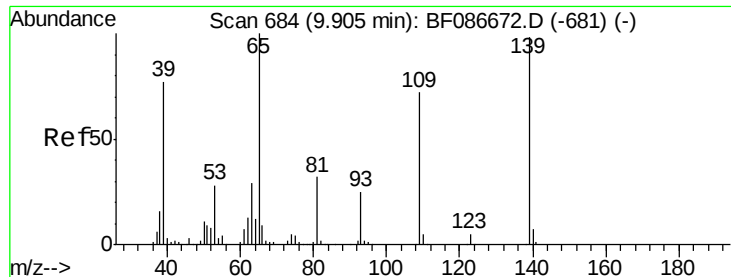
#54
Dibenzofuran
Concen: 38.91 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	31.4	47.0
169	13.5	10.7	16.1



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





#55

4-Nitrophenol

Concen: 41.33 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

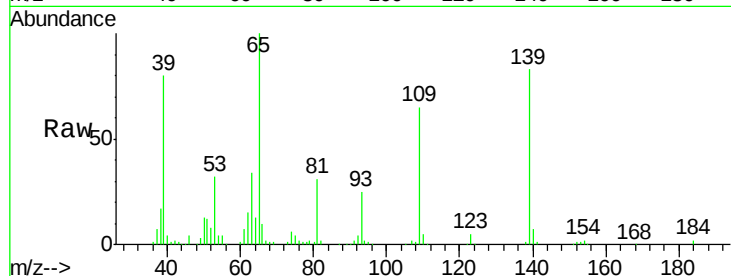
ClientSampleId :

ICVBF050416

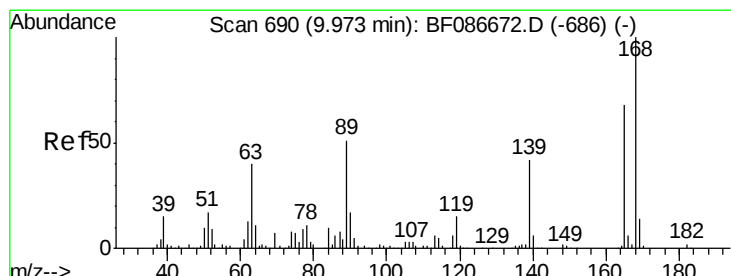
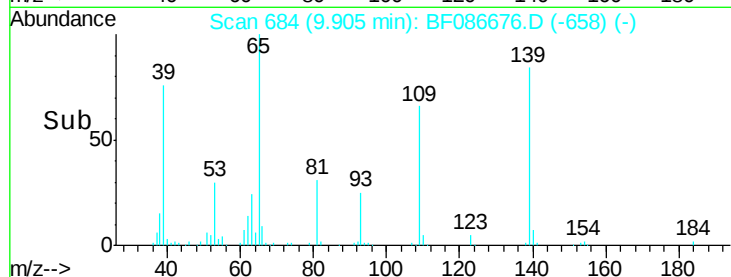
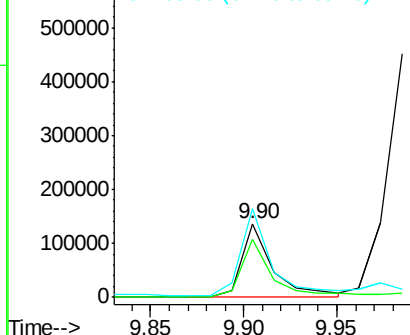
Tot Ion:	139	Resp:	160461
Ion Ratio	Lower	Upper	
139	100		
109	78.2	36.9	76.9#
65	120.6	64.0	104.0#

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.86 ng

RT: 9.97 min Scan# 690

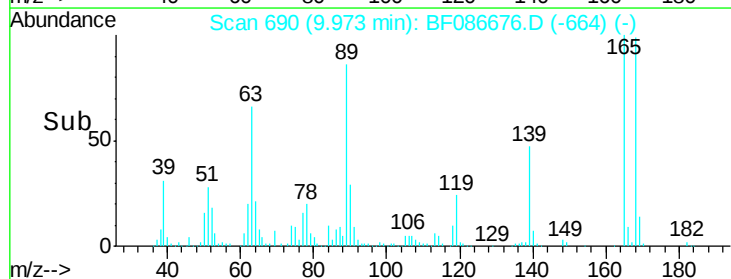
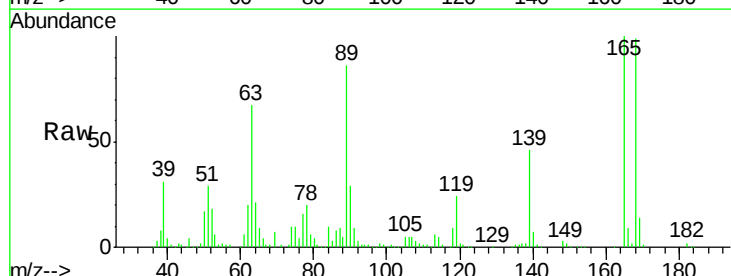
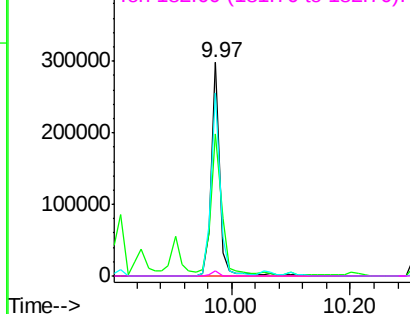
Delta R.T. 0.00 min

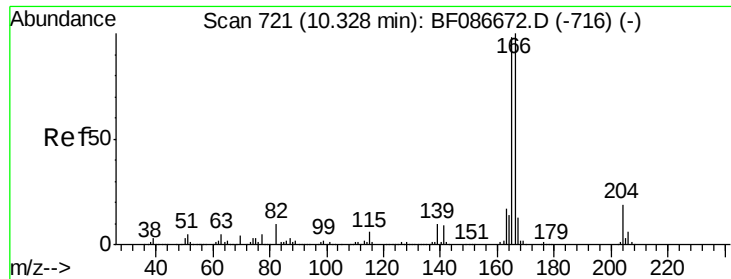
Lab File: BF086676.D

Acq: 4 May 2016 14:55

Tgt Ion:	165	Resp:	296579
Ion Ratio	Lower	Upper	
165	100		
63	66.8	44.3	66.5#
89	85.7	70.0	105.0
182	2.3	1.8	2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.19 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

ClientSampleId :

ICVBF050416

Tot Ion:166 Resp: 936029

Ion Ratio Lower Upper

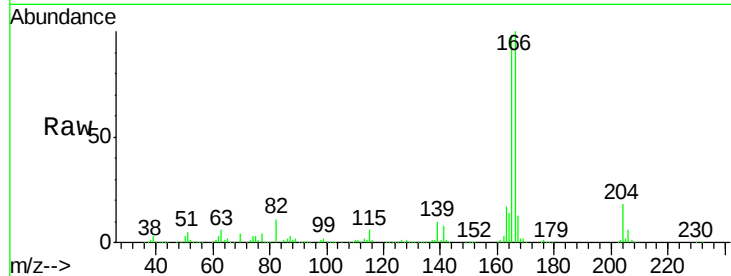
166 100

165 98.4 79.0 118.6

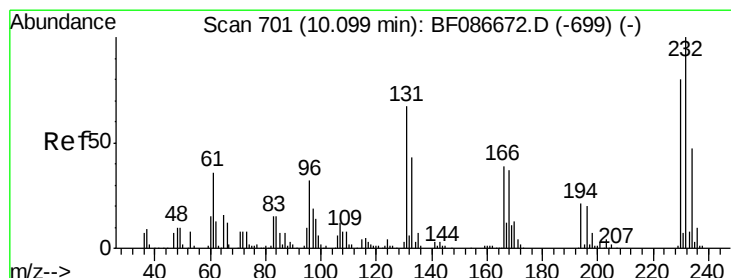
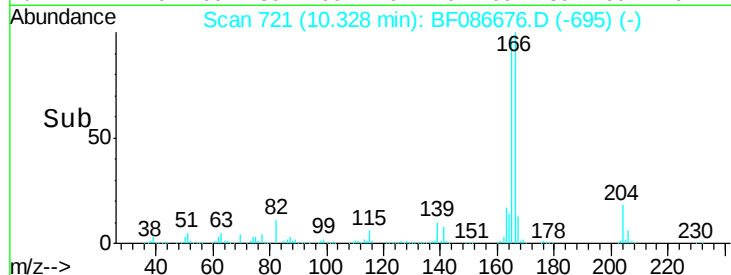
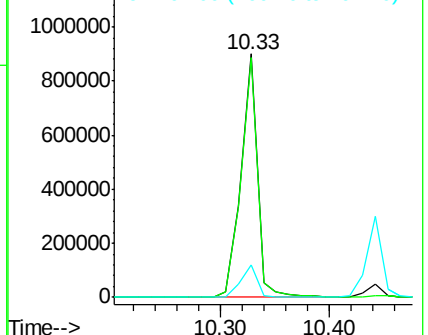
167 13.4 10.6 15.8

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.99 ng

RT: 10.10 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Tgt Ion:232 Resp: 196445

Ion Ratio Lower Upper

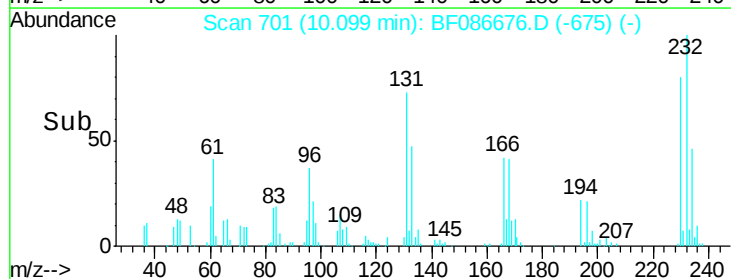
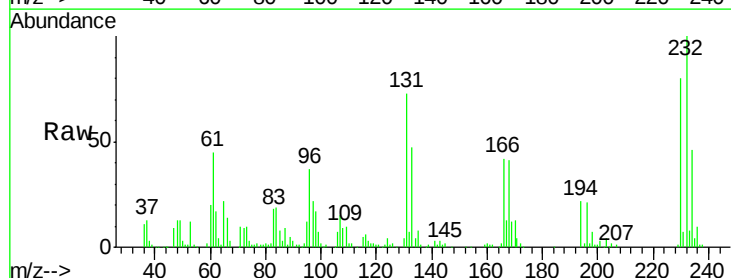
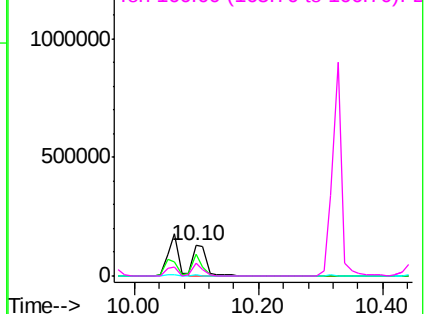
232 100

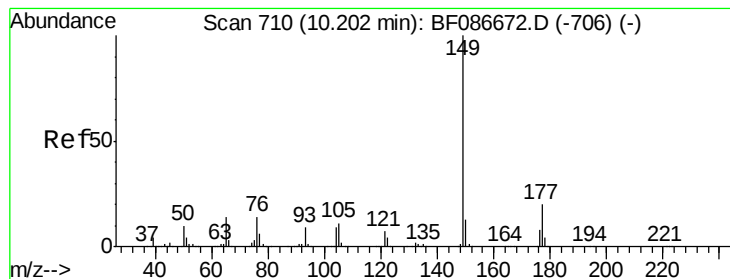
131 54.4 41.9 62.9

130 2.6 2.2 3.4

166 32.3 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: 37.80 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.01 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

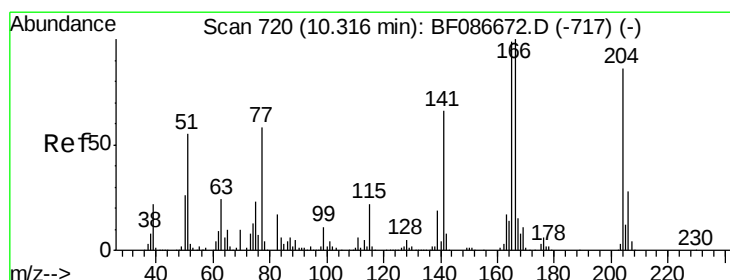
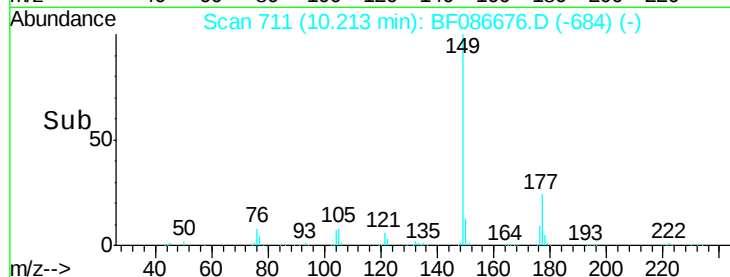
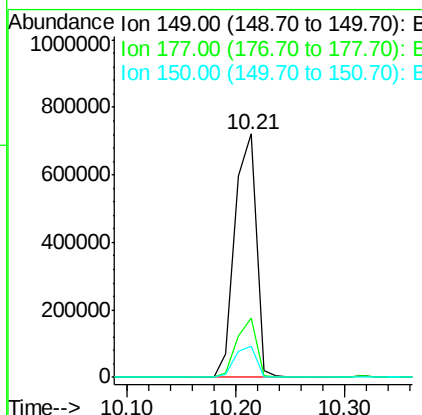
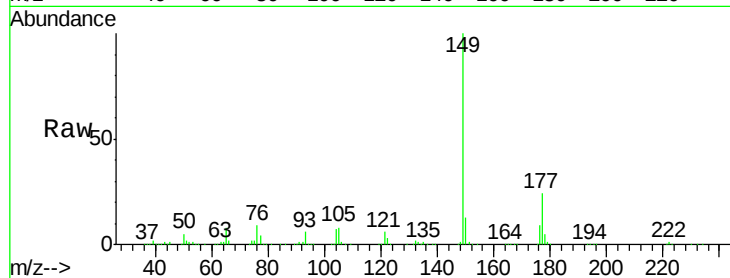
ClientSampleId :

ICVBF050416

Tot Ion:	149	Resp:	976598
Ion Ratio		Lower	Upper
149	100		
177	24.4	16.6	24.8
150	12.6	10.0	15.0

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#60

4-Chlorophenyl-phenylether

Concen: 35.63 ng

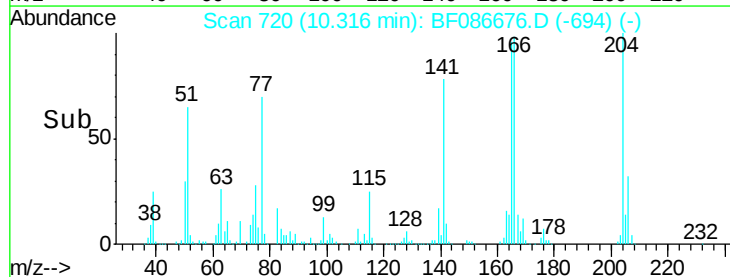
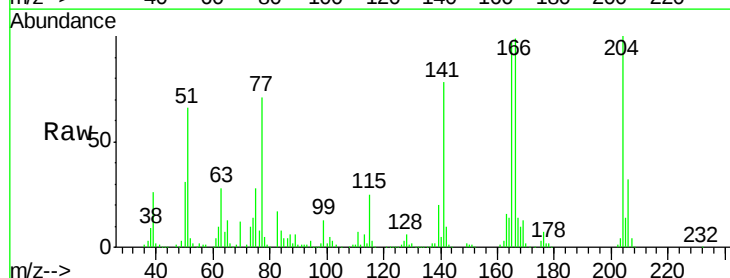
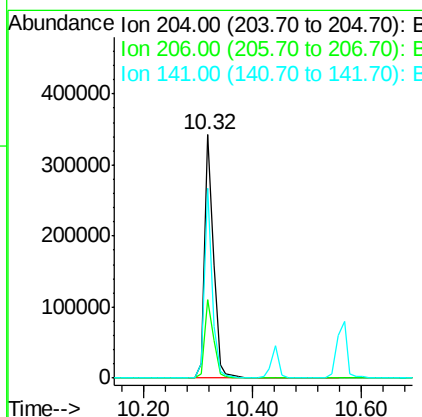
RT: 10.32 min Scan# 720

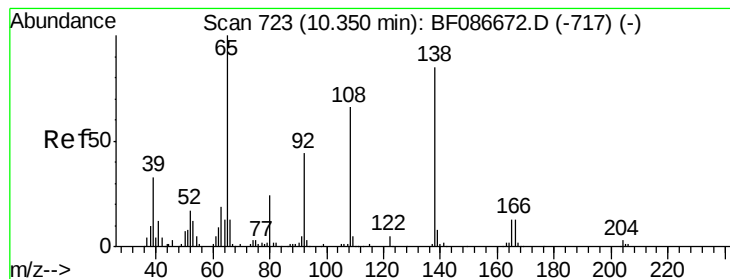
Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Tgt Ion:	204	Resp:	384948
Ion Ratio		Lower	Upper
204	100		
206	32.2	25.4	38.0
141	78.2	61.6	92.4





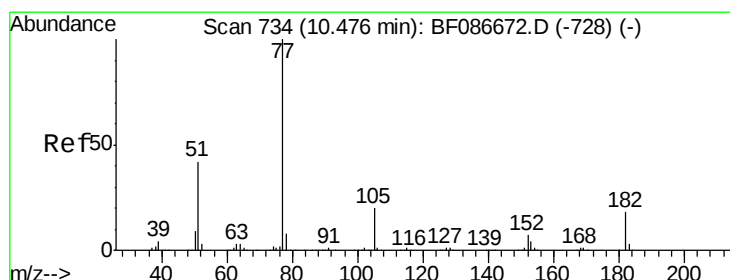
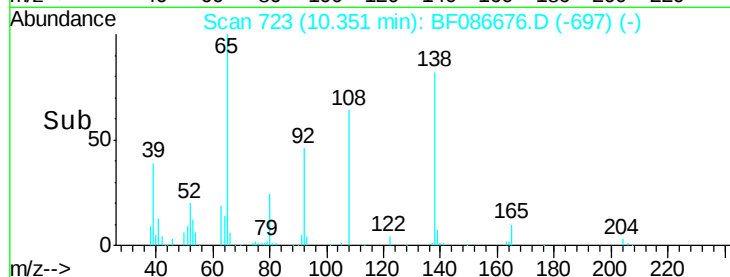
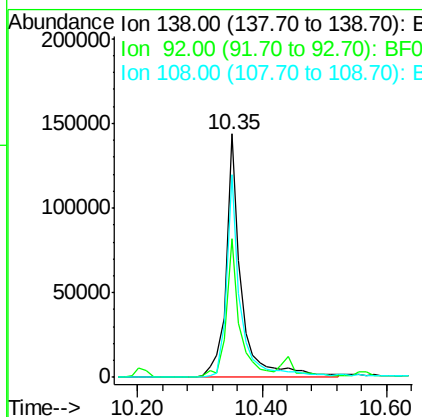
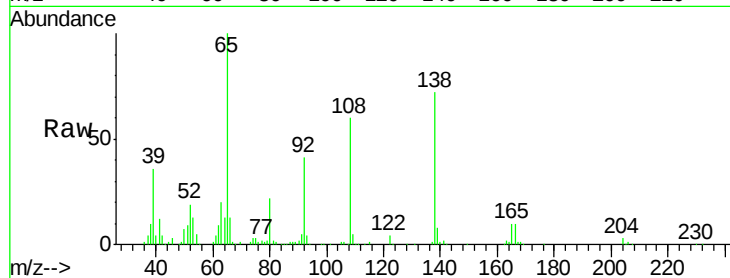
#61
4-Nitroaniline
Concen: 38.18 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Instrument :
BNA_F
ClientSampleId :
ICVBF050416

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.7	24.7	64.7
108	83.0	37.4	77.4

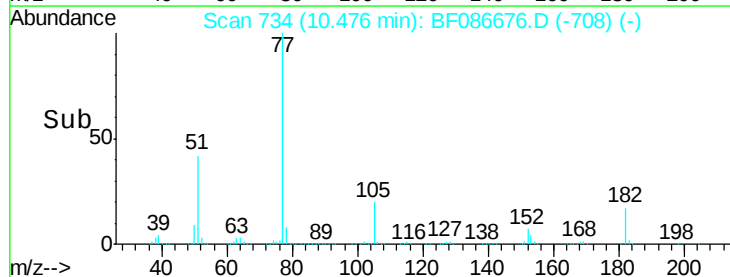
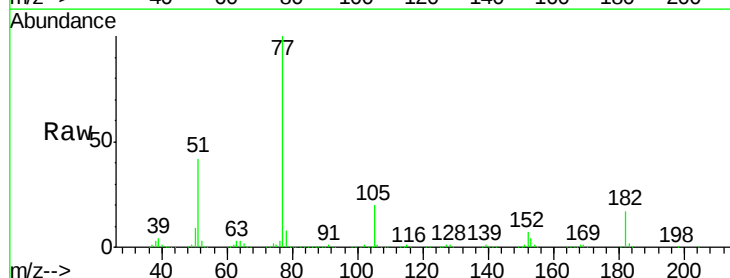
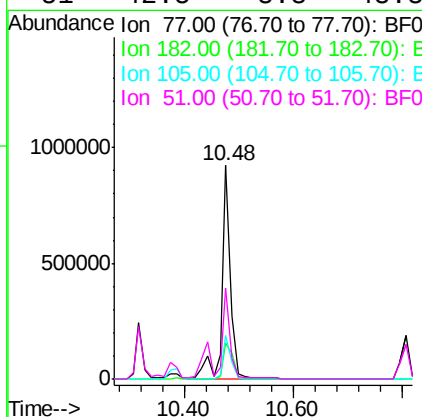
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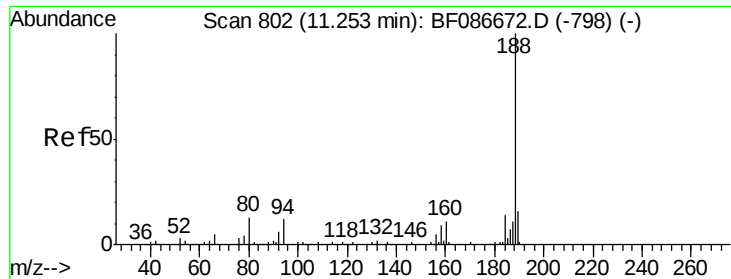
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#62
Azobenzene
Concen: 36.32 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.9	0.0	38.8
105	20.2	3.2	43.2
51	42.5	8.8	48.8





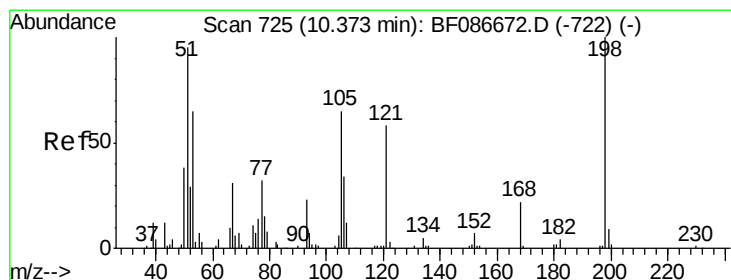
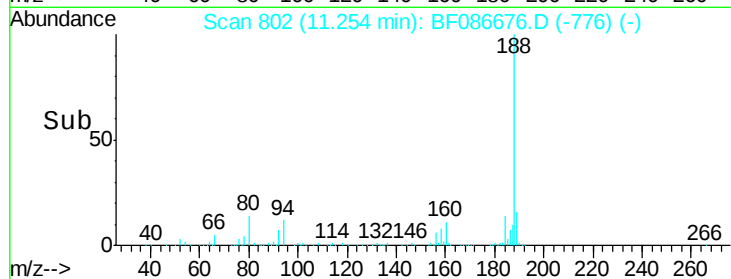
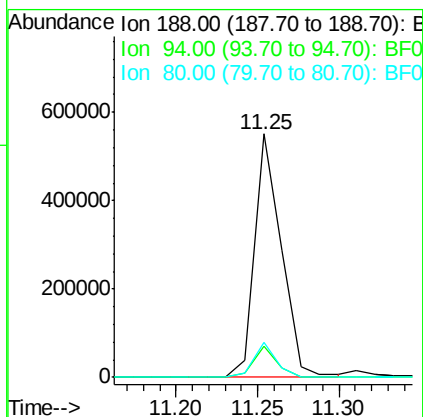
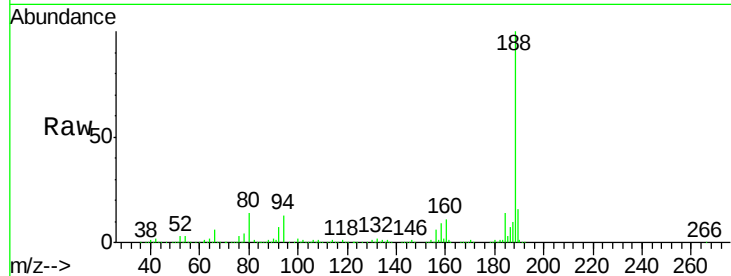
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Instrument :
BNA_F
ClientSampleId :
ICVBF050416

Tot Ion	Ratio	Resp	Lower	Upper
188	100	628571		
94	12.8		6.8	10.2#
80	14.2		7.1	10.7#

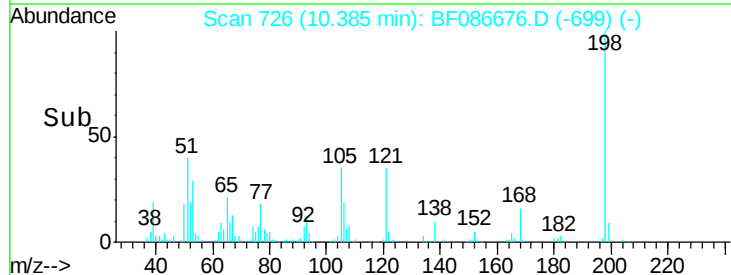
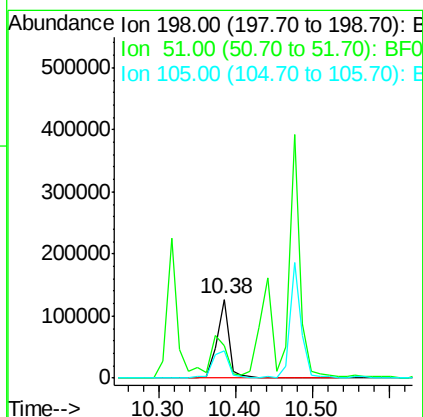
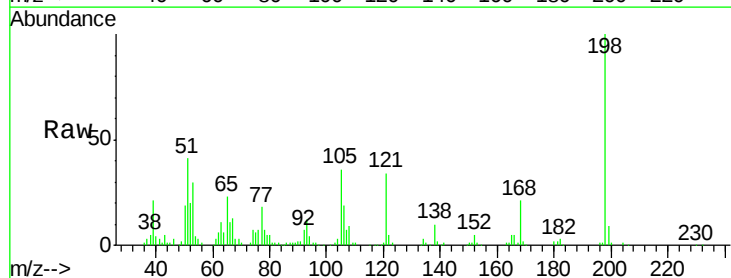
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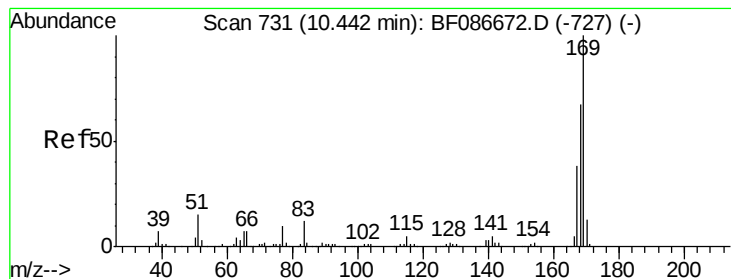
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.48 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	137398		
51	41.1		20.5	60.5
105	35.6		24.5	64.5





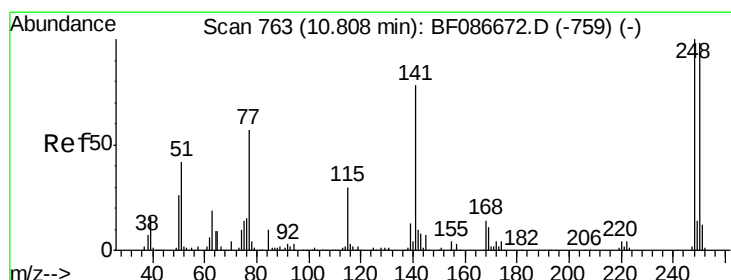
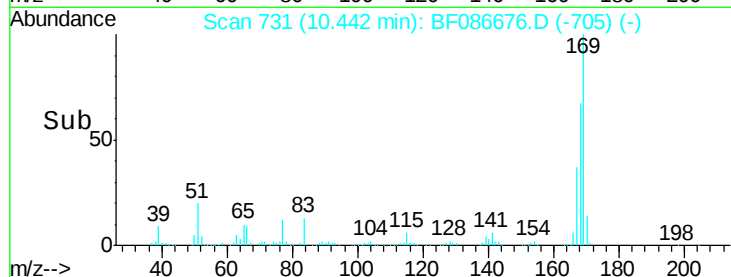
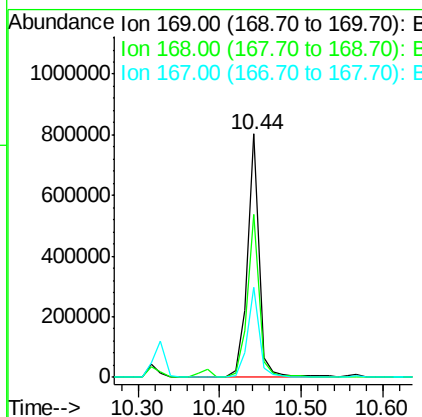
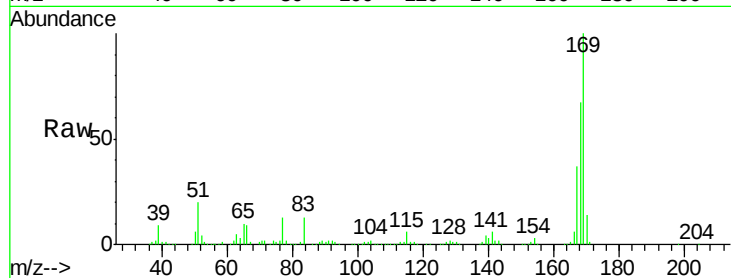
#65
n-Nitrosodiphenylamine
Concen: 39.95 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Instrument :
BNA_F
ClientSampleId :
ICVBF050416

Tot Ion	Ratio	Resp	Lower	Upper
169	100	797312		
168	66.8	53.8	80.6	
167	37.0	29.5	44.3	

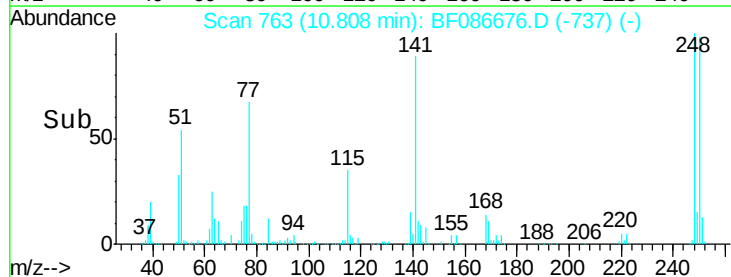
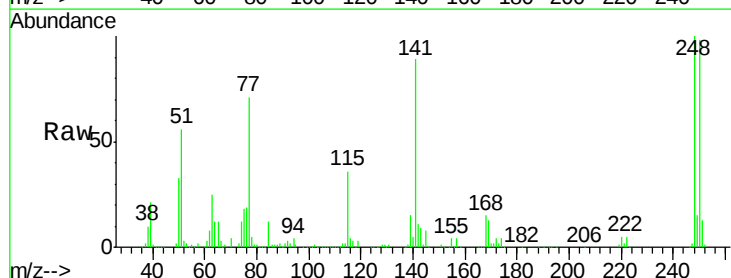
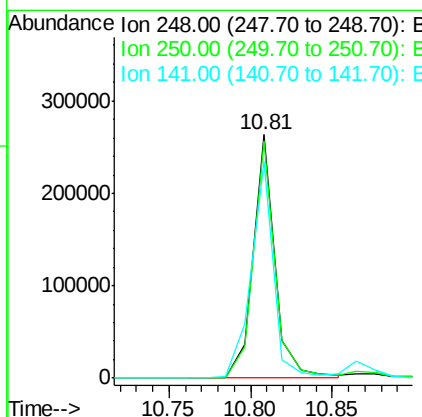
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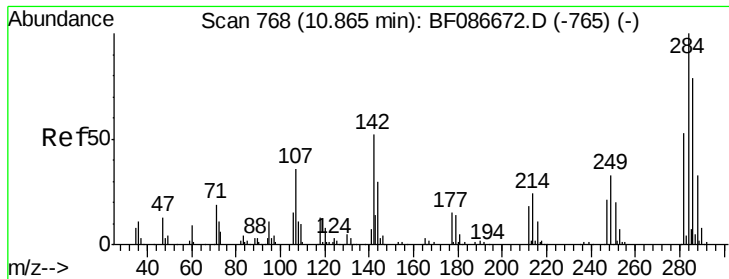
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#66
4-Bromophenyl-phenylether
Concen: 39.21 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	244936		
250	97.6	78.6	117.8	
141	88.9	76.0	114.0	





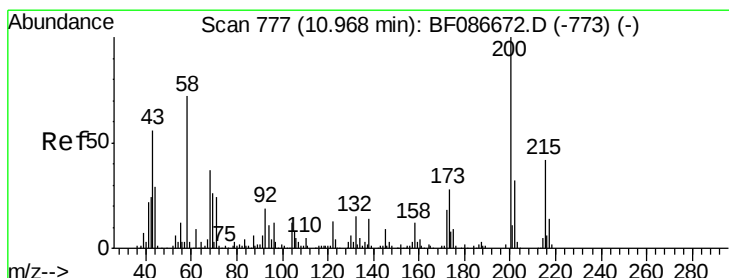
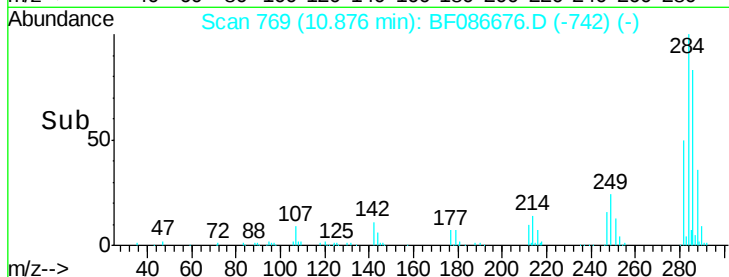
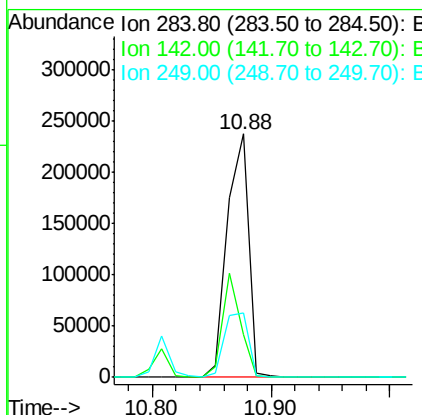
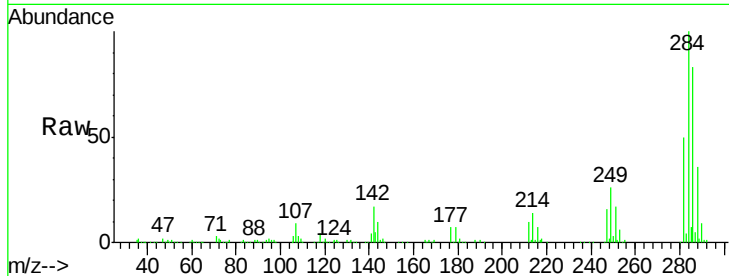
#67
Hexachlorobenzene
Concen: 39.00 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Instrument :
BNA_F
ClientSampleId :
ICVBF050416

Tot Ion:	284	Resp:	297066
Ion Ratio	Lower	Upper	
284	100		
142	17.5	16.7	25.1
249	26.2	21.3	31.9

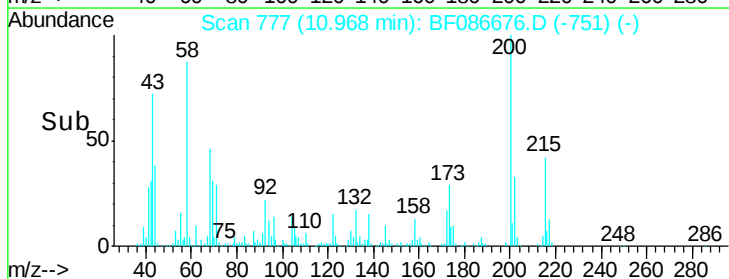
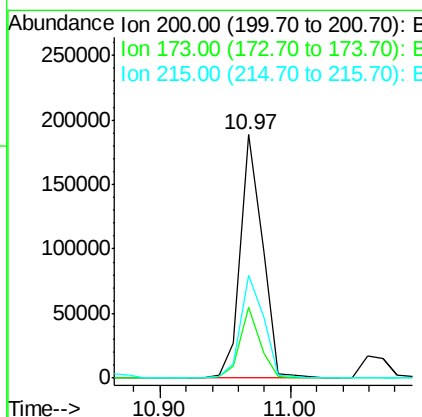
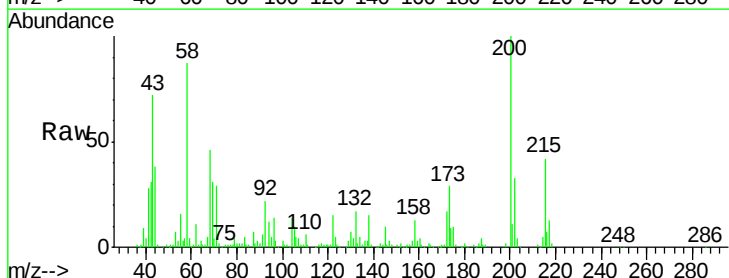
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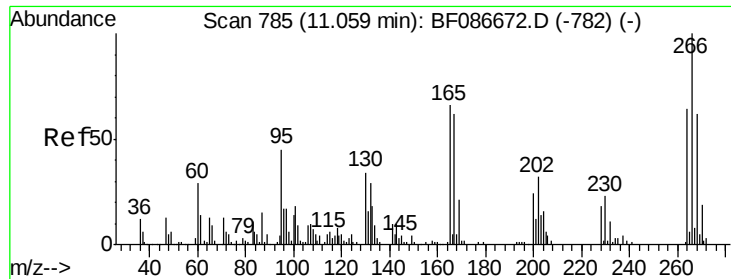
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#68
Atrazine
Concen: 36.19 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion:	200	Resp:	221354
Ion Ratio	Lower	Upper	
200	100		
173	29.2	8.5	48.5
215	42.2	27.2	67.2





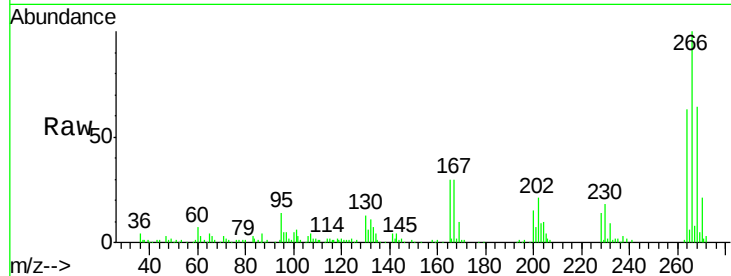
#69
Pentachlorophenol
 Concen: 40.85 ng
 RT: 11.07 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050416

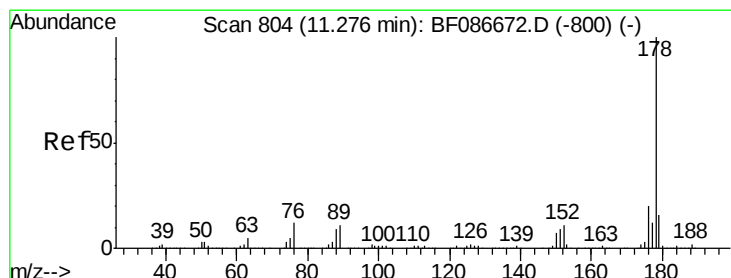
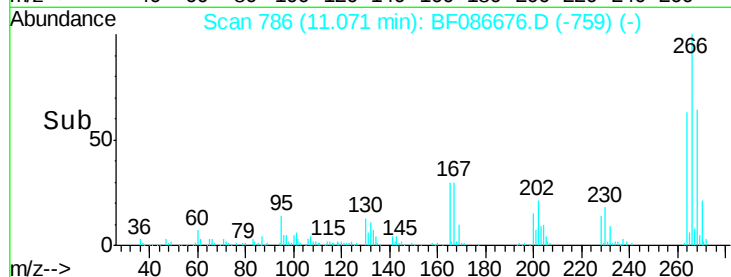
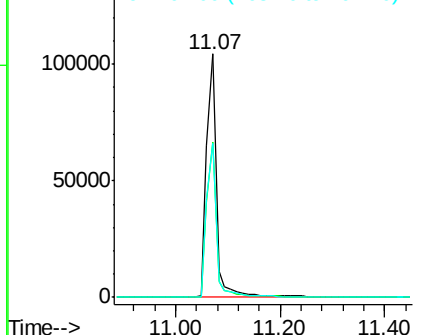
Tot Ion:	266	Resp:	139665
Ion Ratio	Lower	Upper	
266	100		
268	63.7	51.5	77.3
264	63.1	52.9	79.3

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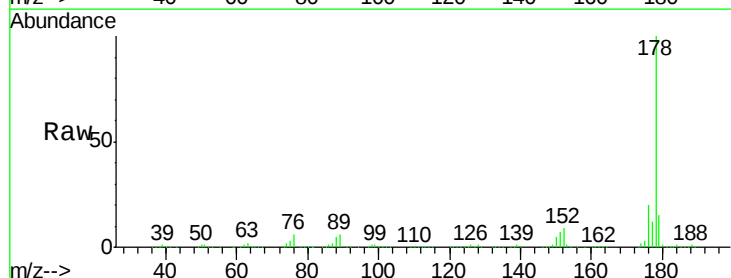


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

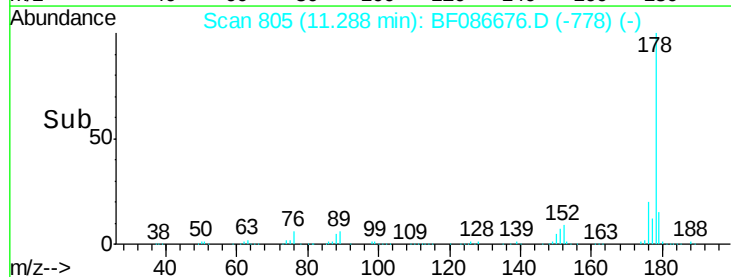
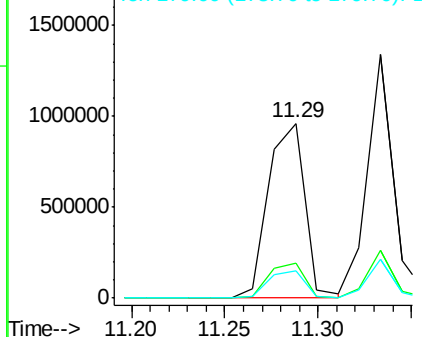


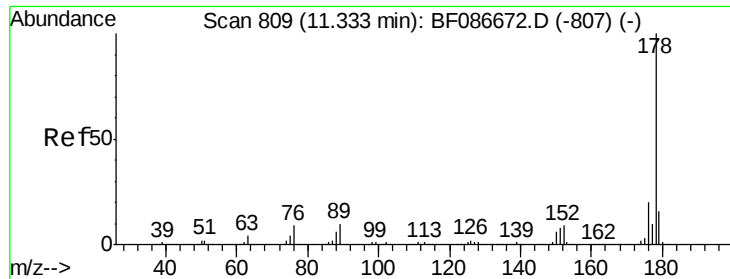
#70
Phenanthrene
 Concen: 38.63 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Tgt Ion:	178	Resp:	1304141
Ion Ratio	Lower	Upper	
178	100		
176	20.0	16.0	24.0
179	15.4	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





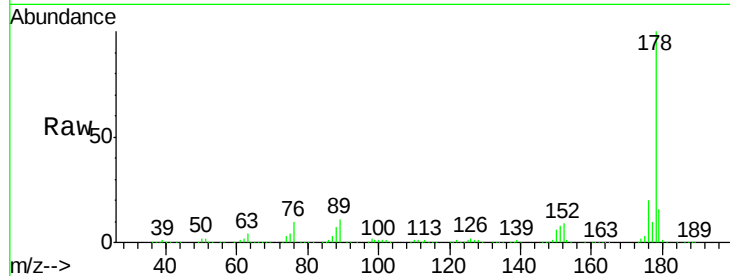
#71
 Anthracene
 Concen: 38.61 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050416

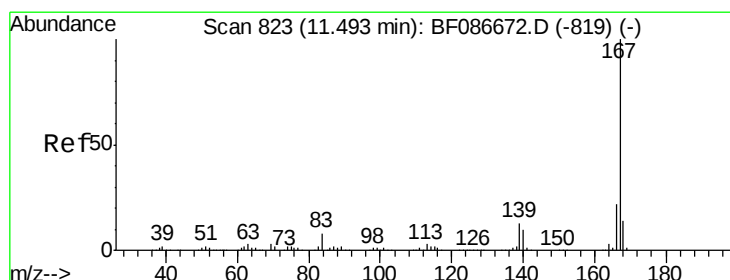
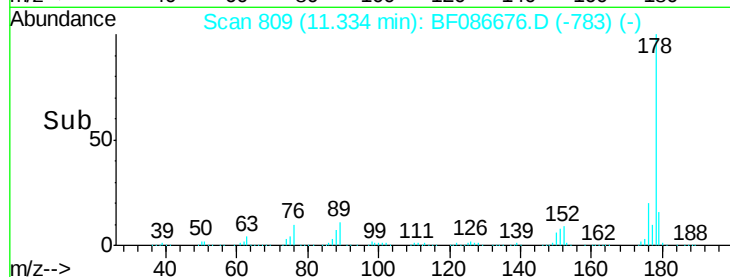
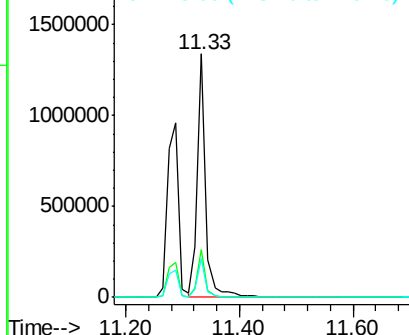
Tot Ion:178 Resp: 1365236
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.6 23.4
 179 16.0 12.7 19.1

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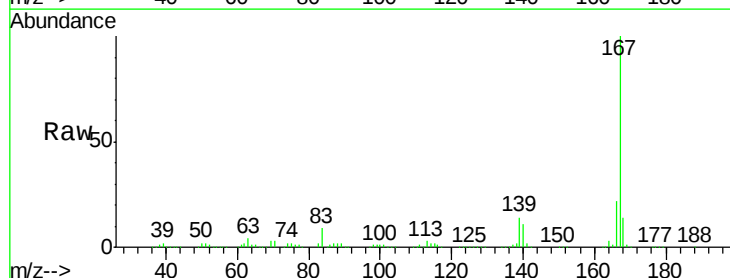


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

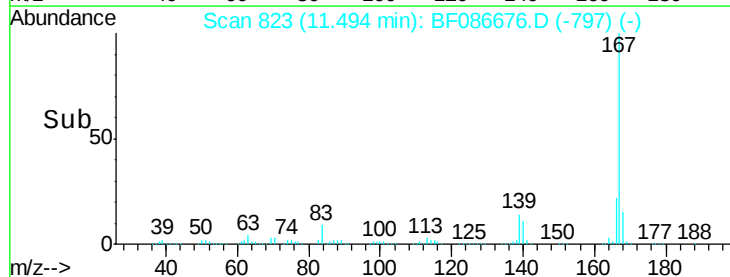
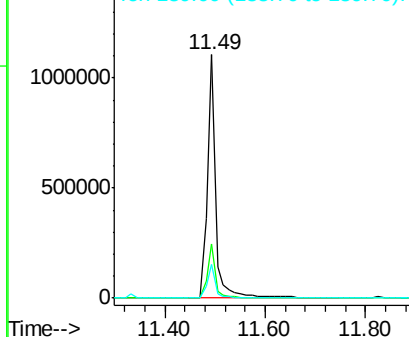


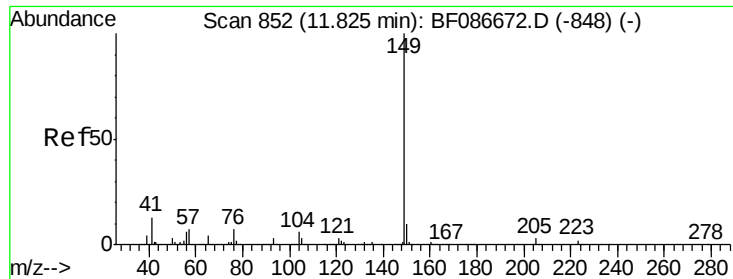
#72
 Carbazole
 Concen: 41.57 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Tgt Ion:167 Resp: 1276268
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.8 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.17 ng

RT: 11.83 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

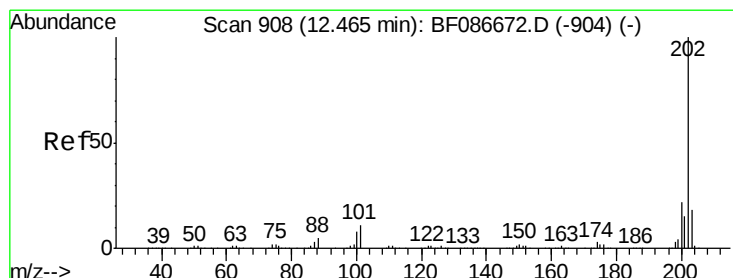
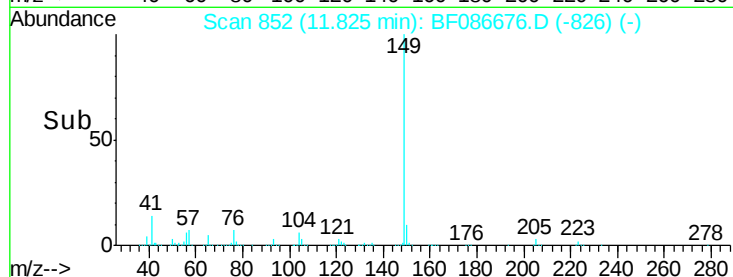
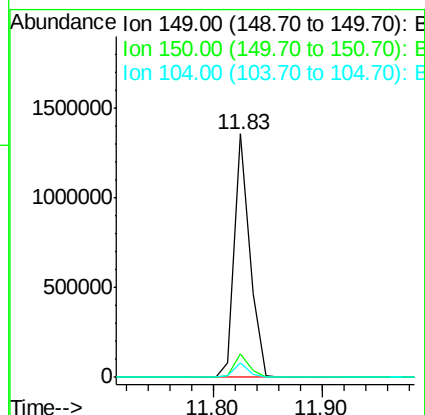
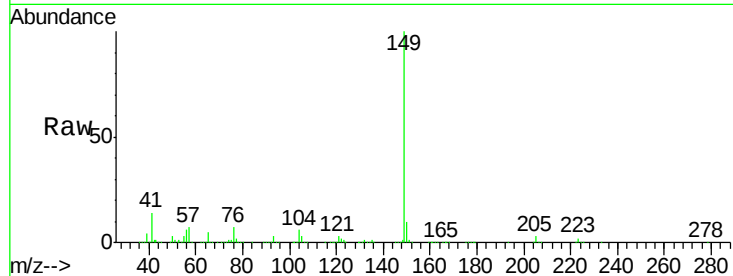
ClientSampleId :

ICVBF050416

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	6.2	3.8	5.6

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#74

Fluoranthene

Concen: 39.72 ng

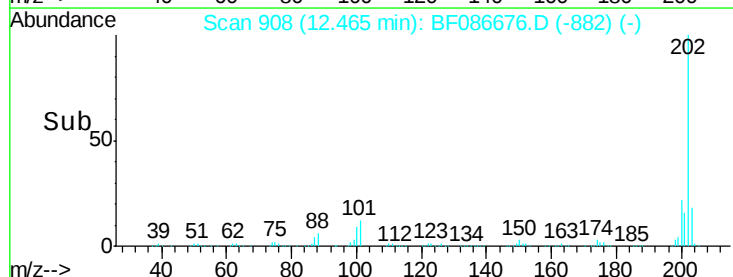
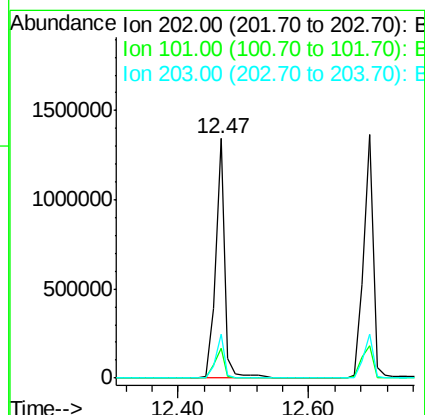
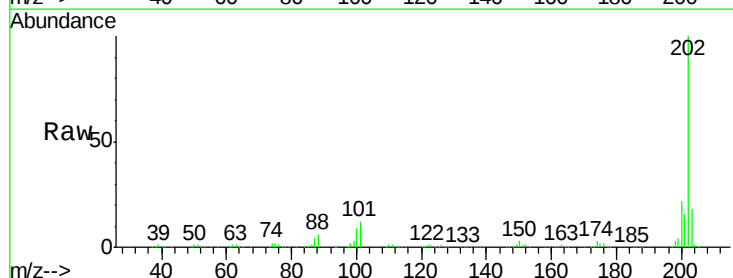
RT: 12.47 min Scan# 908

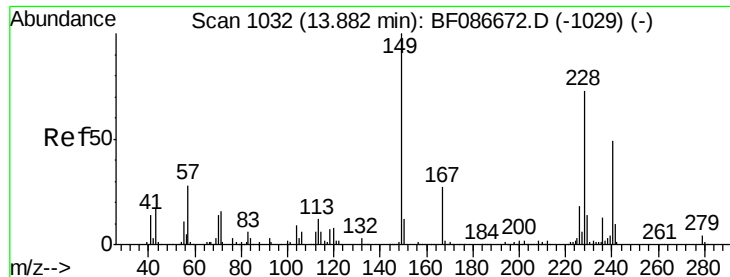
Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	35.4
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

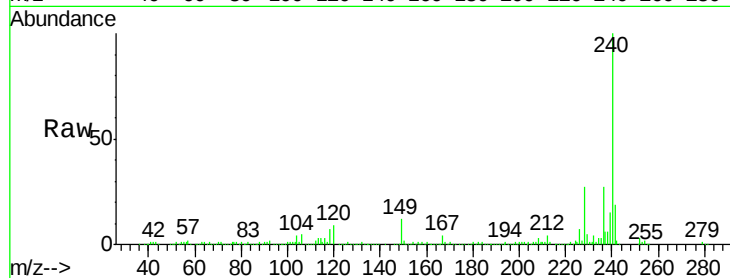
ClientSampleId :

ICVBF050416

Tot Ion	Ratio	Resp	Lower	Upper
240	100	430606		
120	8.6	11.2	16.8	
236	26.8	21.2	31.8	

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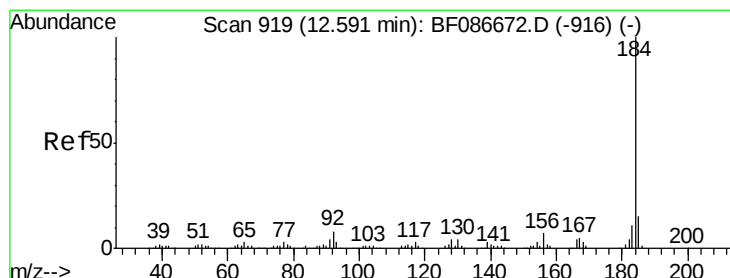
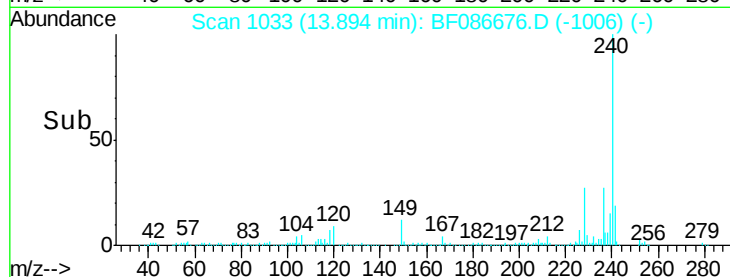
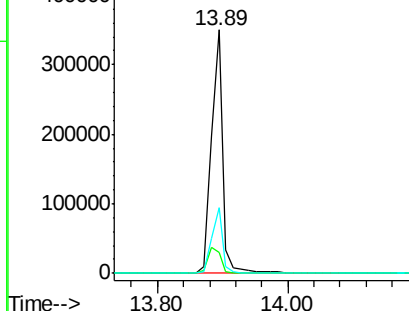
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.86 ng

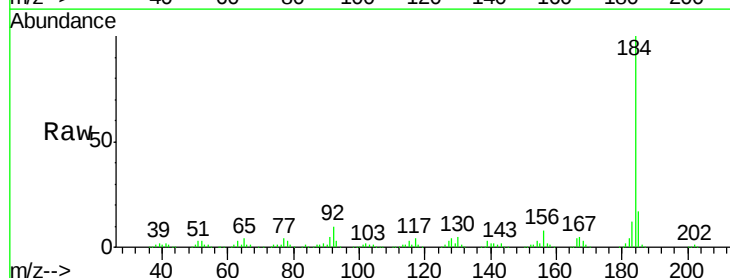
RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

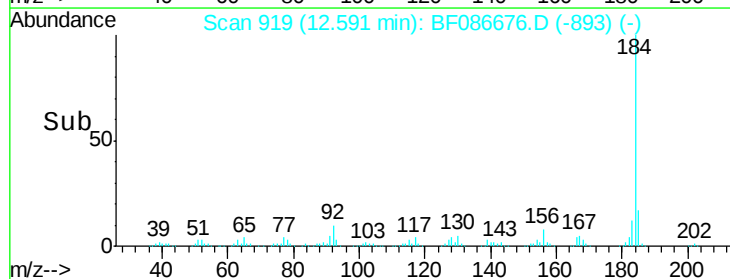
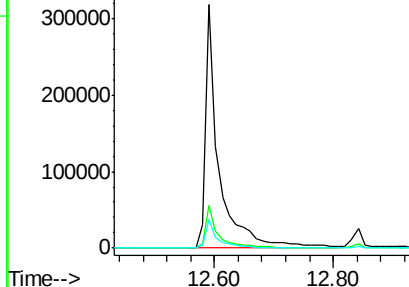
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	508893		
185	17.4	13.6	20.4	
183	11.6	9.8	14.6	

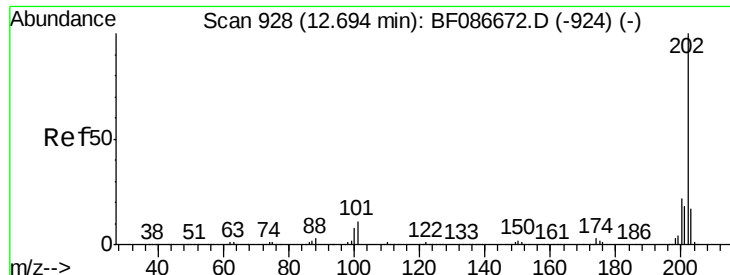


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





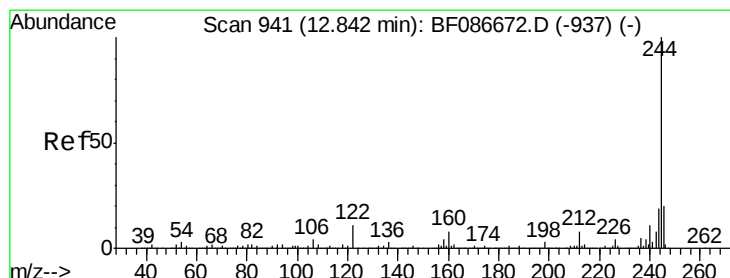
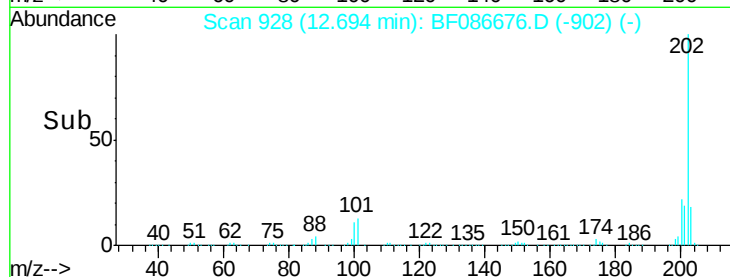
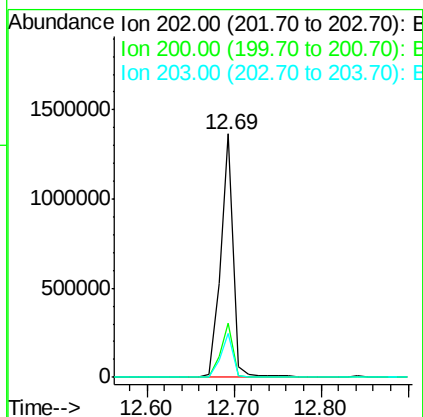
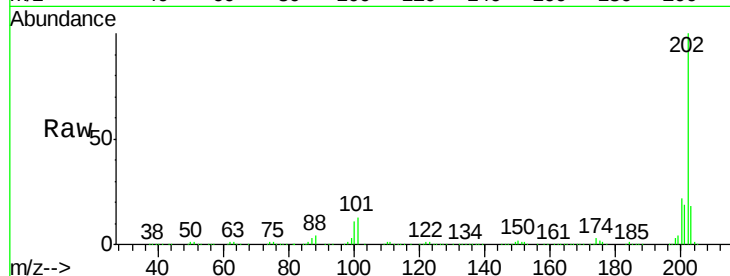
#77
Pvrene
Concen: 40.25 ng
RT: 12.69 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Instrument :
BNA_F
ClientSampleId :
ICVBF050416

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.7	26.5
203	17.9	14.2	21.4

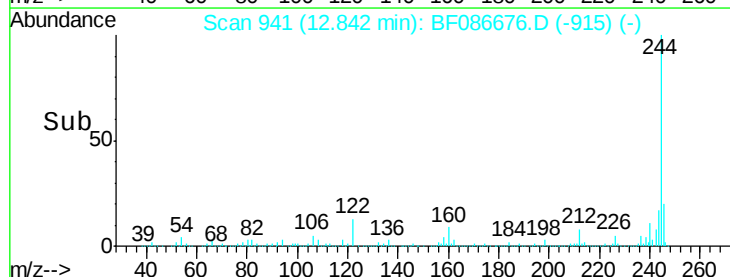
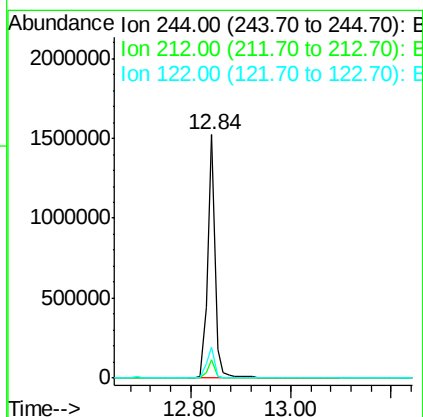
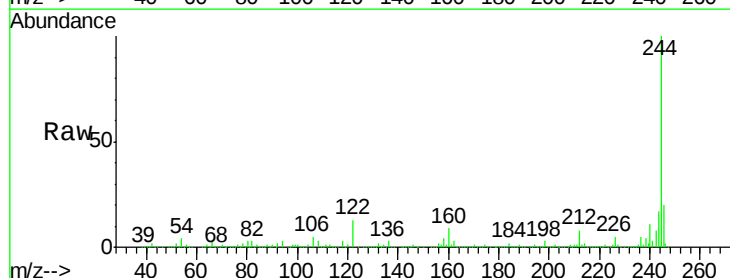
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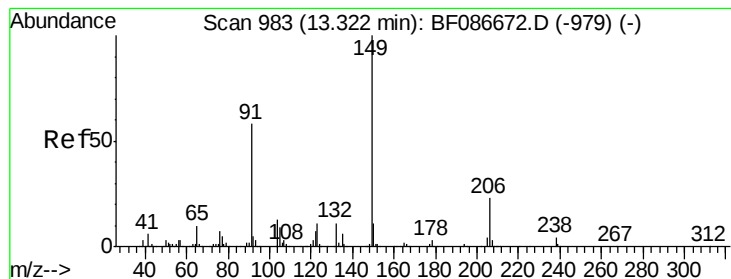
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#78
Terphenyl-d14
Concen: 74.00 ng
RT: 12.84 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	12.9	12.0	18.0





#79

Butylbenzylphthalate

Concen: 41.86 ng

RT: 13.32 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

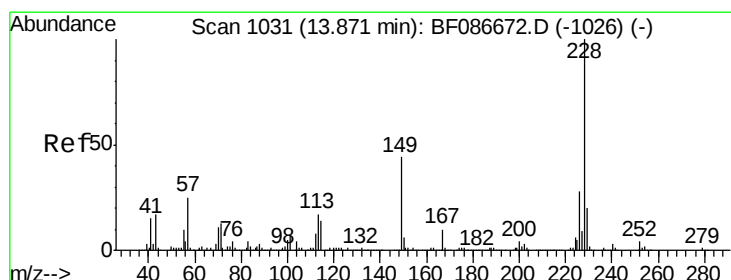
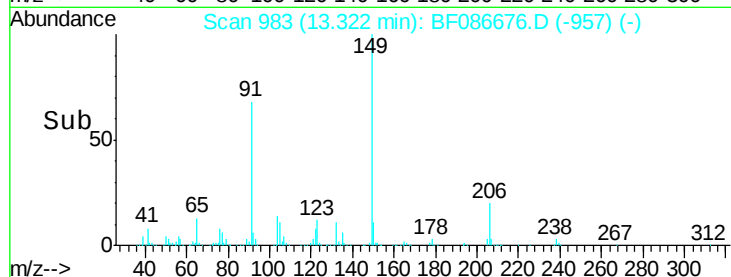
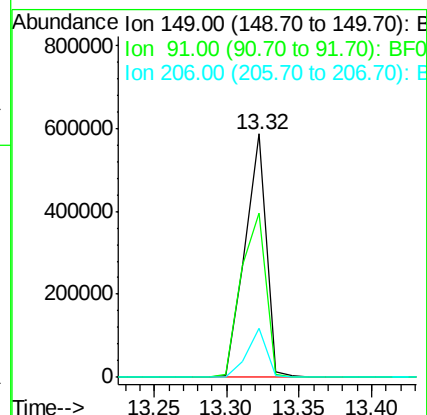
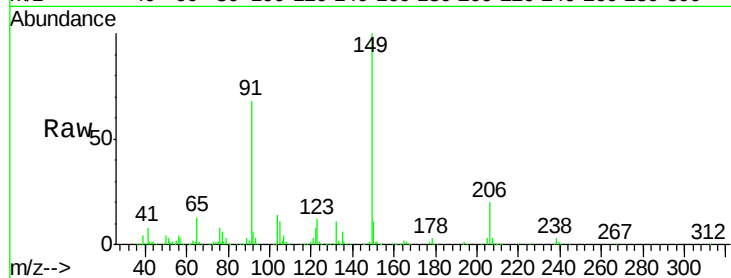
ClientSampleId :

ICVBF050416

Tot Ion:	149	Resp:	601937
Ion Ratio	Lower	Upper	
149	100		
91	67.6	48.0	72.0
206	20.3	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 37.76 ng

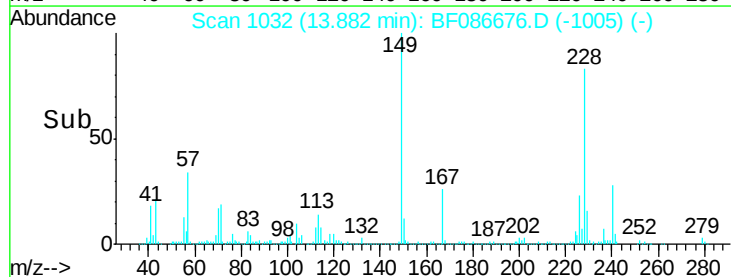
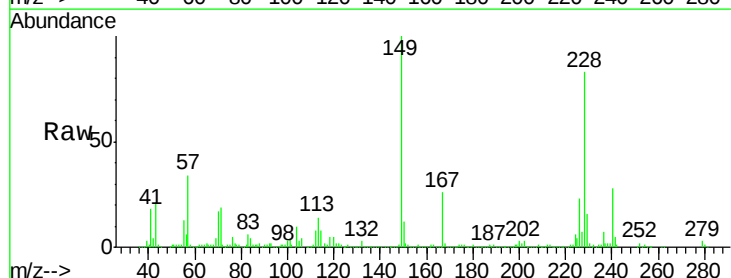
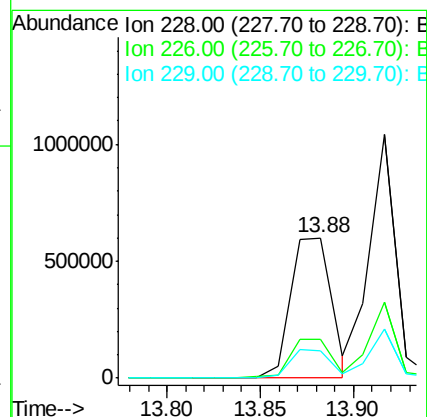
RT: 13.88 min Scan# 1032

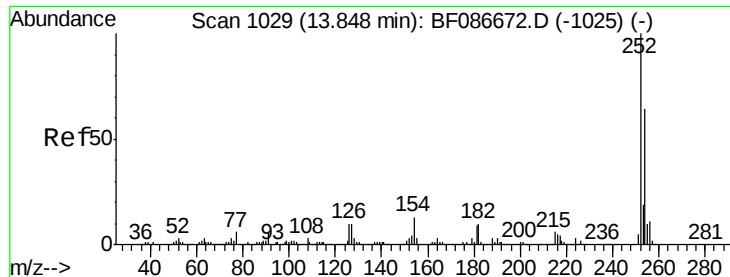
Delta R.T. 0.01 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Tgt Ion:	228	Resp:	919645
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.5	33.7
229	19.7	16.6	25.0





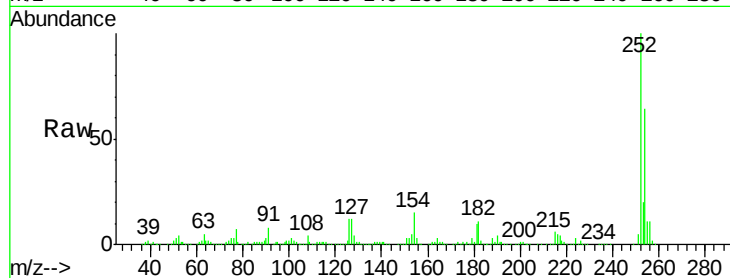
#81
 3,3'-Dichlorobenzidine
 Concen: 38.70 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050416

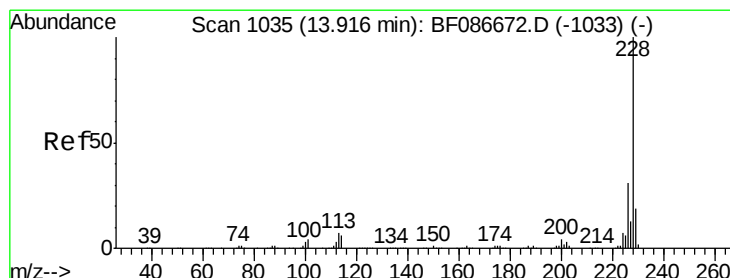
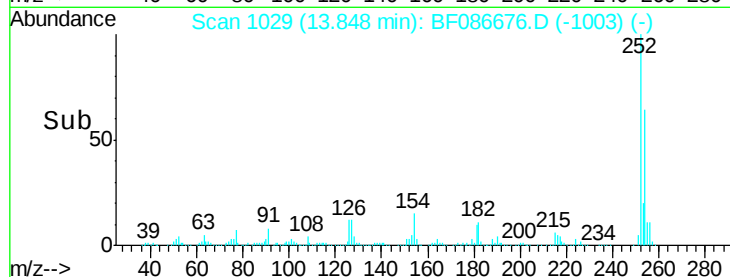
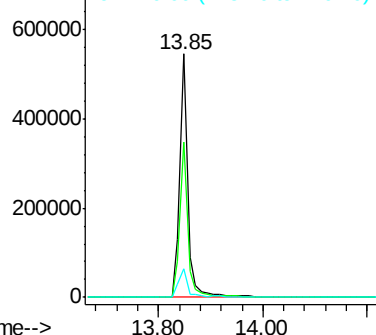
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.7	76.1
126	11.9	12.7	19.1

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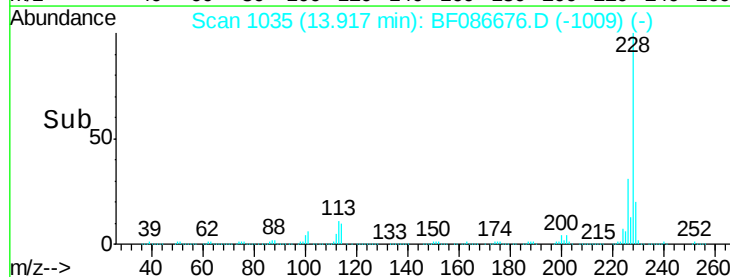
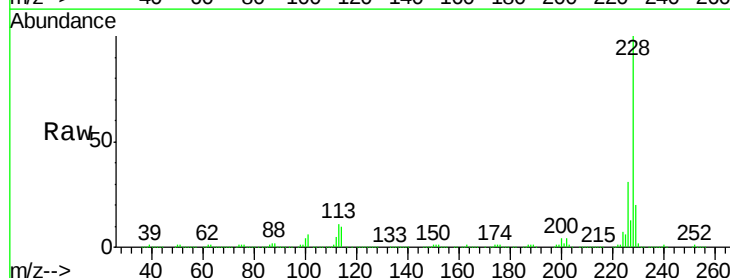
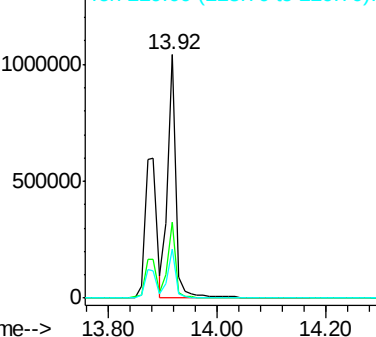
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

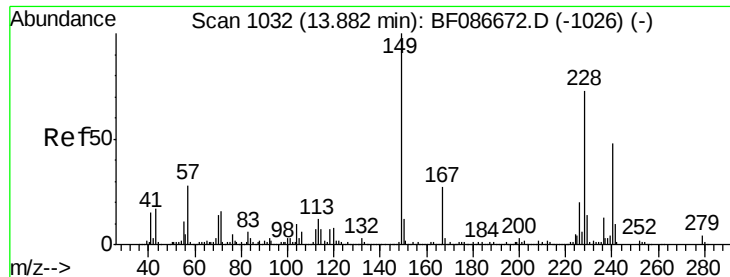


#82
 Chrysene
 Concen: 41.24 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	19.9	15.8	23.8

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.43 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

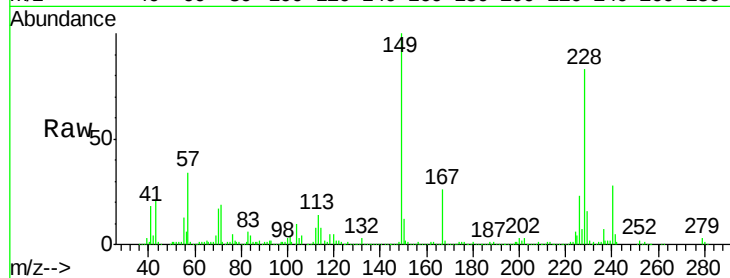
ClientSampleId :

ICVBF050416

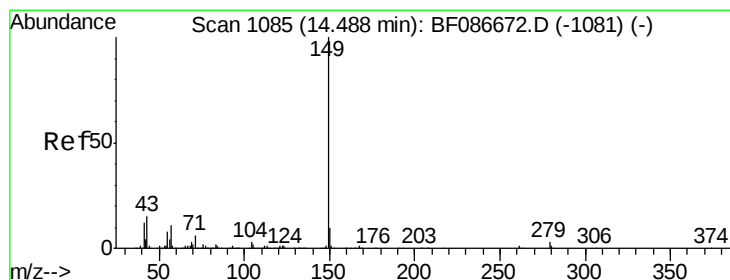
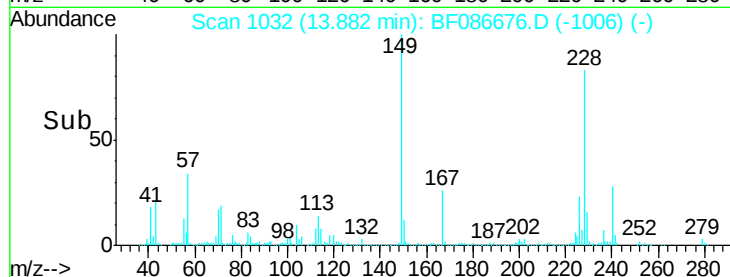
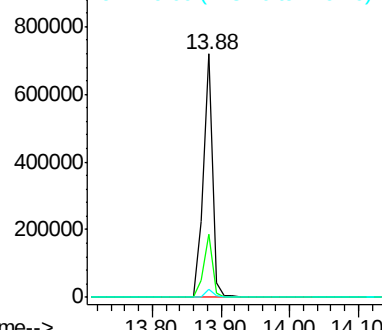
Tot Ion:	149	Resp:	689375
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.8	32.6
279	3.4	2.6	4.0

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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: 41.99 ng

RT: 14.49 min Scan# 1085

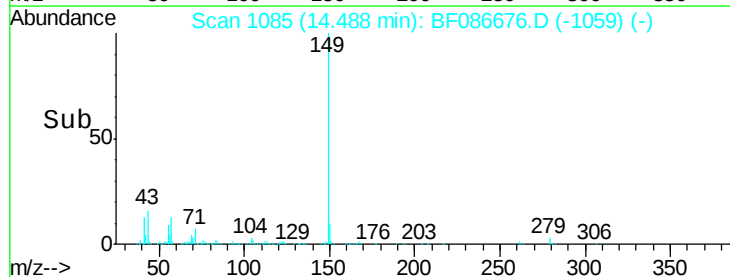
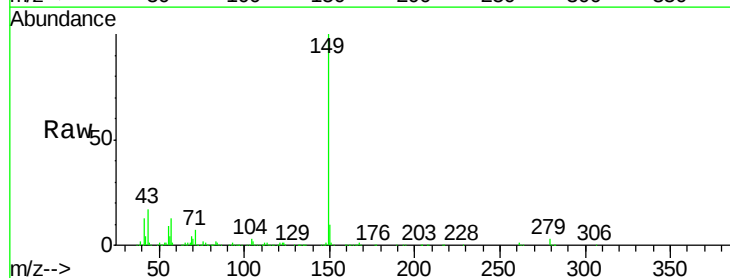
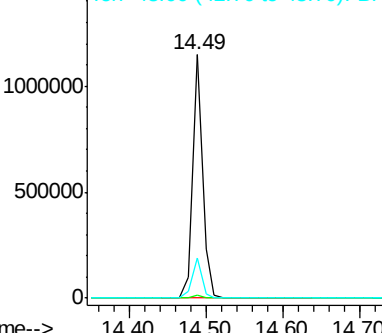
Delta R.T. 0.00 min

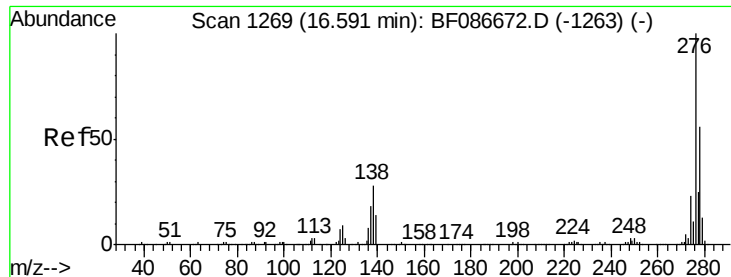
Lab File: BF086676.D

Acq: 4 May 2016 14:55

Tgt Ion:	149	Resp:	1028129
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	16.3	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





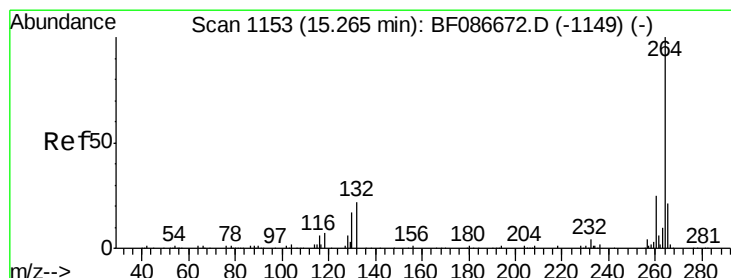
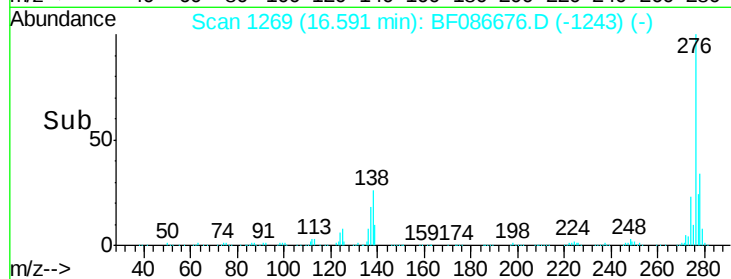
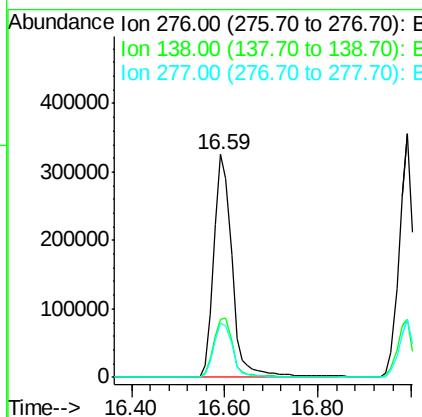
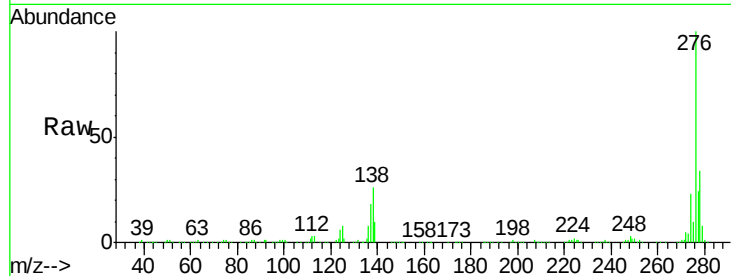
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.05 ng
 RT: 16.59 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050416

Tot Ion:	276	Resp:	892778
Ion Ratio	Lower	Upper	
276	100		
138	28.5	25.6	38.4
277	25.4	20.5	30.7

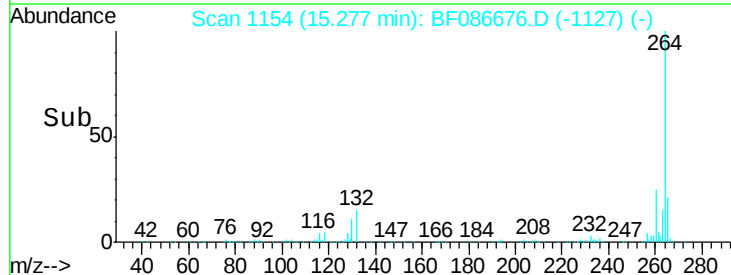
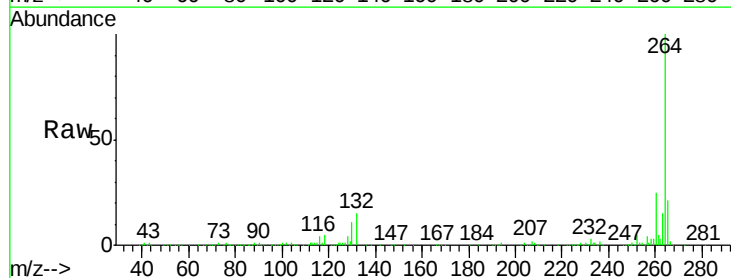
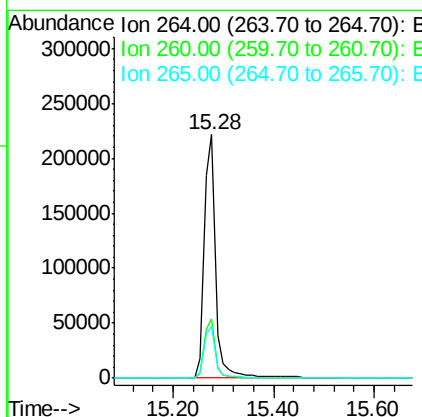
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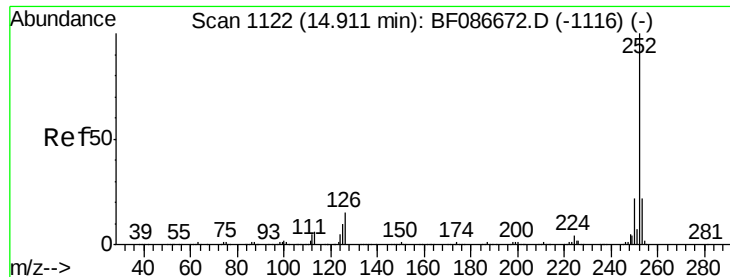
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#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Tgt Ion:	264	Resp:	352003
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.5	29.3
265	21.3	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 38.97 ng m

RT: 14.89 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BF086676.D

Acq: 4 May 2016 14:55

Instrument :

BNA_F

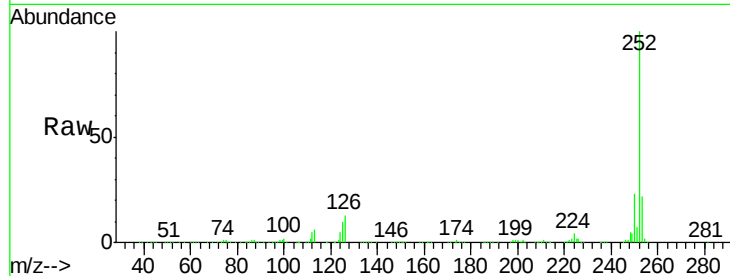
ClientSampleId :

ICVBF050416

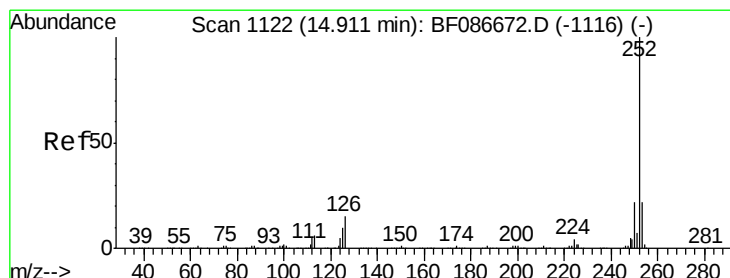
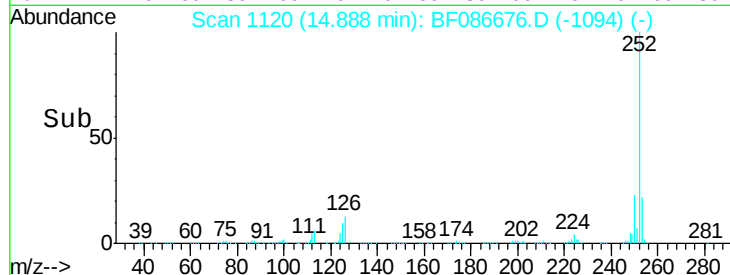
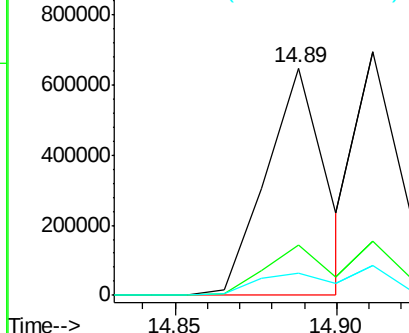
Tot Ion:	252	Resp:	824374
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	9.6	11.4	17.0

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



#88

Benzo(k)fluoranthene

Concen: 37.29 ng m

RT: 14.91 min Scan# 1122

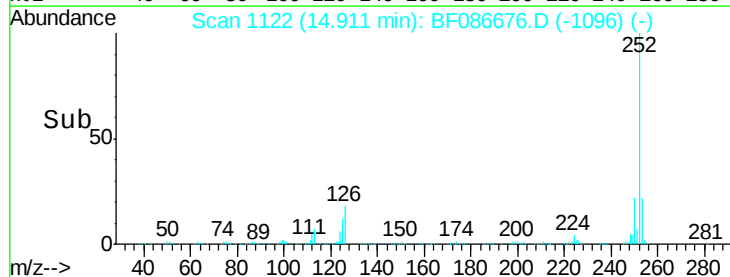
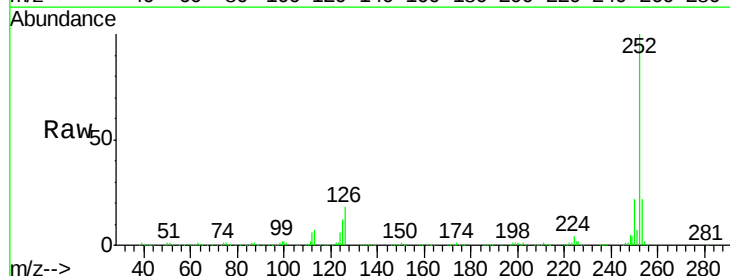
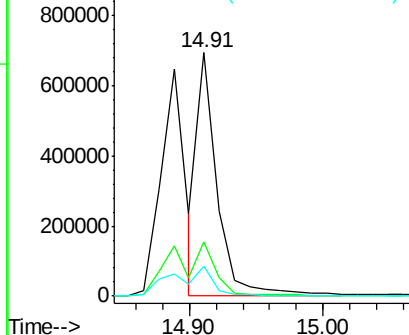
Delta R.T. 0.00 min

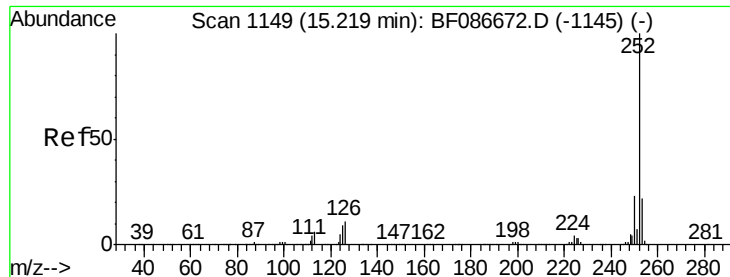
Lab File: BF086676.D

Acq: 4 May 2016 14:55

Tgt Ion:	252	Resp:	743219
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	12.1	9.1	13.7

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





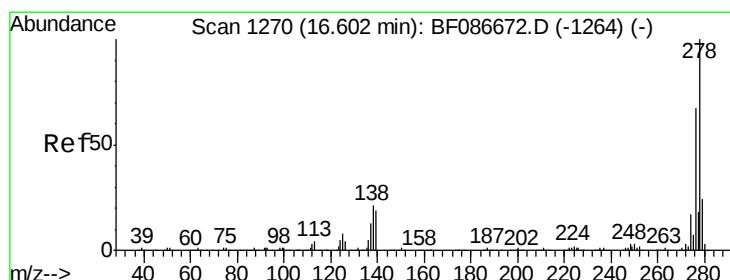
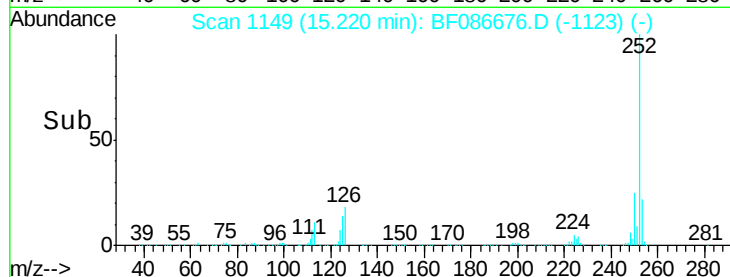
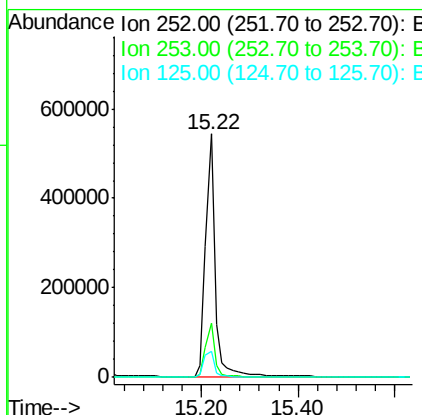
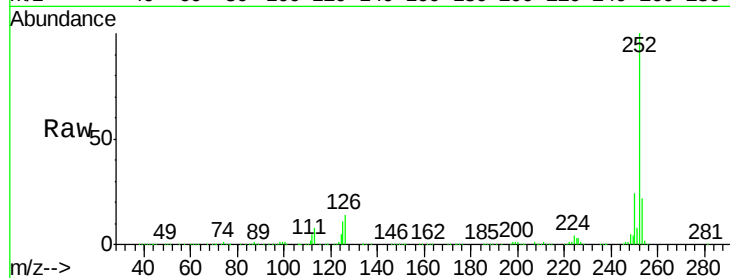
#89
Benzo(a)pyrene
Concen: 38.32 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Instrument :
BNA_F
ClientSampleId :
ICVBF050416

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	10.8	9.0	13.6

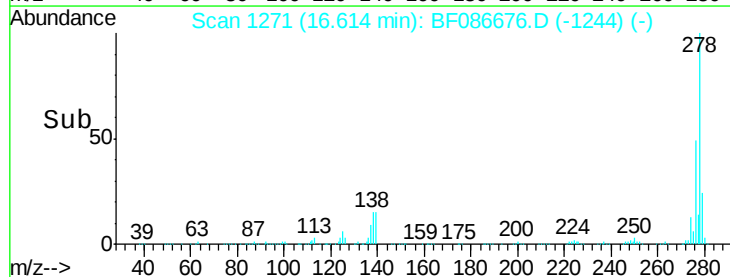
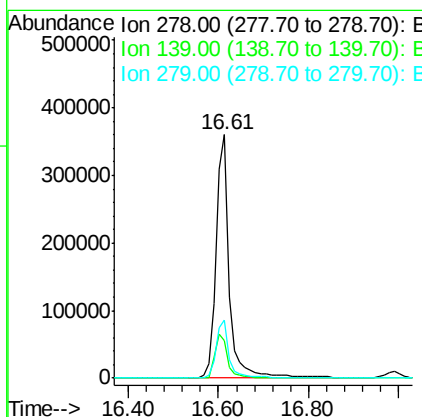
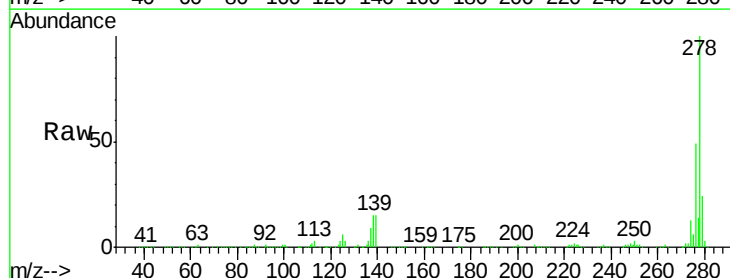
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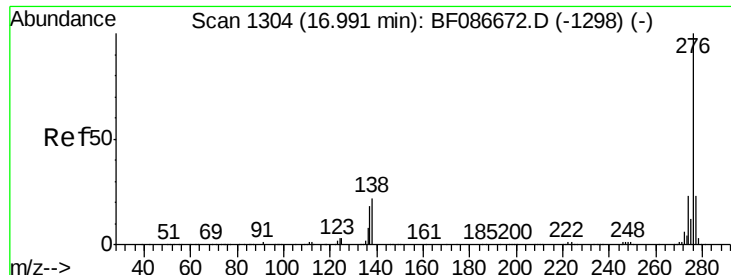
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#90
Dibenzo(a,h)anthracene
Concen: 39.42 ng
RT: 16.61 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF086676.D
Acq: 4 May 2016 14:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	16.6	24.8#
279	23.9	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.12 ng
 RT: 16.99 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF086676.D
 Acq: 4 May 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050416

Tot Ion:	276	Resp:	768713
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.6	29.4
138	23.9	23.6	35.4

Manual Integrations
 APPROVED

sohil
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