

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088599.D
 Acq On : 2 Jul 2016 3:33
 Operator : UM/SJ
 Sample : H3816-14MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

Manual Integrations
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 7/5/2016 7:31:24 PM

Quant Time: Jul 02 04:13:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 02:24:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	134603	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	482039	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	202347	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	339503	20.00	ng	0.00
75) Chrysene-d12	13.94	240	225220	20.00	ng	-0.01
86) Perylene-d12	15.35	264	206700	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	958367	106.71	ng	0.02
7) Phenol-d6	6.44	99	1326124	114.27	ng	0.00
23) Nitrobenzene-d5	7.37	82	841686	91.50	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	206874	110.10	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1233322	96.28	ng	0.00
78) Terphenyl-d14	12.90	244	731187	72.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	129878	29.17	ng	# 35
3) Pyridine	3.16	79	183402	14.19	ng	92
4) n-Nitrosodimethylamine	3.06	42	93005	18.84	ng	90
6) Aniline	6.47	93	196219	11.60	ng	# 69
8) 2-Chlorophenol	6.59	128	204357	21.17	ng	99
9) Benzaldehyde	6.35	77	141369	17.98	ng	95
10) Phenol	6.46	94	191141	14.43	ng	# 50
11) bis(2-Chloroethyl)ether	6.55	93	197752	20.02	ng	92
12) 1,3-Dichlorobenzene	6.75	146	197875m	18.63	ng	
13) 1,4-Dichlorobenzene	6.82	146	196000	18.59	ng	93
14) 1,2-Dichlorobenzene	6.98	146	205313m	20.81	ng	
15) Benzyl Alcohol	6.95	79	176367	20.65	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	278866	19.50	ng	93
17) 2-Methylphenol	7.07	107	161717	20.54	ng	95
18) Hexachloroethane	7.32	117	66644	16.34	ng	92
19) n-Nitroso-di-n-propylamine	7.22	70	141131	18.10	ng	96
20) 3+4-Methylphenols	7.22	107	201757	21.35	ng	# 76
22) Acetophenone	7.22	105	286518	24.49	ng	# 89
24) Nitrobenzene	7.39	77	242598	26.16	ng	# 86
25) Isophorone	7.63	82	411634	24.16	ng	99
26) 2-Nitrophenol	7.71	139	81697	21.48	ng	# 78
27) 2,4-Dimethylphenol	7.75	122	151147	19.08	ng	89
28) bis(2-Chloroethoxy)methane	7.85	93	270567	24.40	ng	# 96
29) 2,4-Dichlorophenol	7.95	162	156991	24.52	ng	94
30) 1,2,4-Trichlorobenzene	8.03	180	153821	21.90	ng	98
31) Naphthalene	8.11	128	533998	22.47	ng	99
32) Benzoic acid	7.83	122	39110	6.80	ng	92
33) 4-Chloroaniline	8.16	127	115960	10.97	ng	95
34) Hexachlorobutadiene	8.24	225	83775	22.27	ng	99
35) Caprolactam	8.51	113	47561	21.88	ng	# 79
36) 4-Chloro-3-methylphenol	8.65	107	158951	21.00	ng	88
37) 2-Methylnaphthalene	8.81	142	343032	22.42	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	137129	20.38	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	61519	18.62	ng	99

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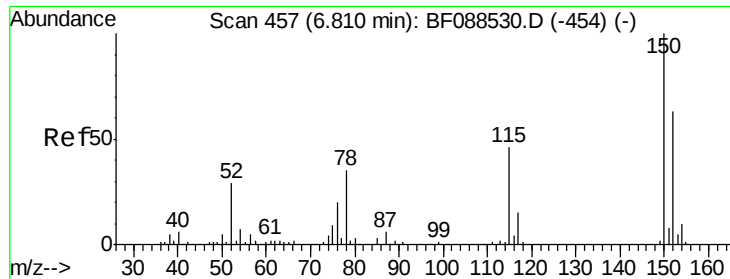
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	108197	24.38	ng	98
43) 2,4,5-Trichlorophenol	9.12	196	93031	24.37	ng #	86
45) 1,1'-Biphenyl	9.27	154	387529	23.13	ng	99
46) 2-Chloronaphthalene	9.29	162	297321	22.60	ng	99
47) 2-Nitroaniline	9.38	65	102531	21.96	ng	93
48) Acenaphthylene	9.70	152	456747	21.82	ng	100
49) Dimethylphthalate	9.58	163	618968	42.94	ng	98
50) 2,6-Dinitrotoluene	9.63	165	75768	23.71	ng	94
51) Acenaphthene	9.87	154	269923	21.04	ng	98
52) 3-Nitroaniline	9.79	138	87617	21.57	ng	100
53) 2,4-Dinitrophenol	9.90	184	14623	10.37	ng #	89
54) Dibenzofuran	10.04	168	396675	23.62	ng #	89
55) 4-Nitrophenol	9.95	139	156151	50.59	ng	96
56) 2,4-Dinitrotoluene	10.02	165	85656	20.50	ng #	36
57) Fluorene	10.39	166	287534	22.22	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	66711	22.58	ng #	54
59) Diethylphthalate	10.27	149	372326	25.74	ng	97
60) 4-Chlorophenyl-phenylether	10.39	204	140725	23.40	ng	90
61) 4-Nitroaniline	10.40	138	76079	19.47	ng	92
62) Azobenzene	10.55	77	390758	23.68	ng	92
64) 4,6-Dinitro-2-methylphenol	10.43	198	8698	4.79	ng #	71
65) n-Nitrosodiphenylamine	10.50	169	285433	24.84	ng	99
66) 4-Bromophenyl-phenylether	10.87	248	78553	22.96	ng #	72
67) Hexachlorobenzene	10.94	284	81992	21.65	ng	91
68) Atrazine	11.03	200	82284	22.98	ng	93
69) Pentachlorophenol	11.13	266	122170	54.51	ng	98
70) Phenanthrene	11.35	178	415461	22.39	ng	98
71) Anthracene	11.39	178	383307	20.77	ng	99
72) Carbazole	11.55	167	369130	21.25	ng	97
73) Di-n-butylphthalate	11.90	149	488360	24.17	ng #	97
74) Fluoranthene	12.53	202	361691	19.22	ng	98
76) Benzidine	12.65	184	100740	8.85	ng	98
77) Pyrene	12.75	202	363672	19.04	ng	98
79) Butylbenzylphthalate	13.38	149	182661	21.44	ng	90
80) Benzo(a)anthracene	13.93	228	296678	20.46	ng	100
81) 3,3'-Dichlorobenzidine	13.91	252	101805	18.67	ng	98
82) Chrysene	13.98	228	287405	20.03	ng	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	264404	27.19	ng	97
84) Di-n-octyl phthalate	14.55	149	418370	25.32	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.69	276	223035	20.20	ng #	100
87) Benzo(b)fluoranthene	14.95	252	254717m	19.64	ng	
88) Benzo(k)fluoranthene	14.97	252	249910m	22.14	ng	
89) Benzo(a)pyrene	15.29	252	232539	21.18	ng #	95
90) Dibenzo(a,h)anthracene	16.71	278	189214	20.64	ng	98
91) Benzo(g,h,i)perylene	17.10	276	176017	18.55	ng	95

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



#1

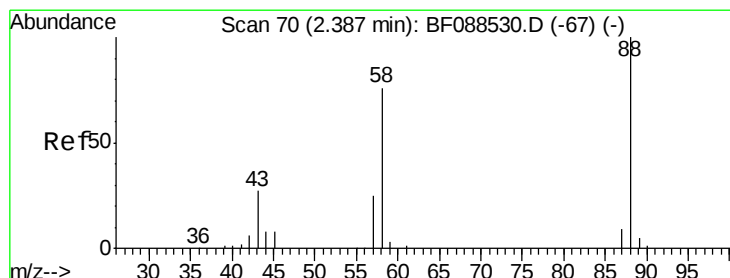
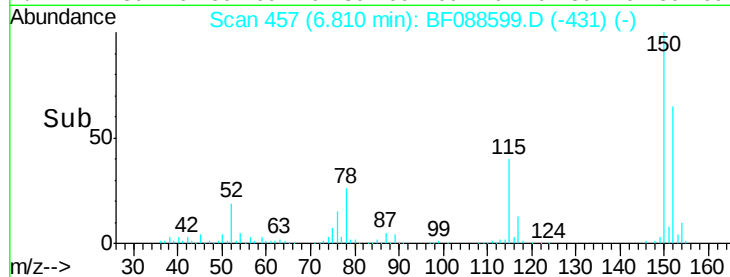
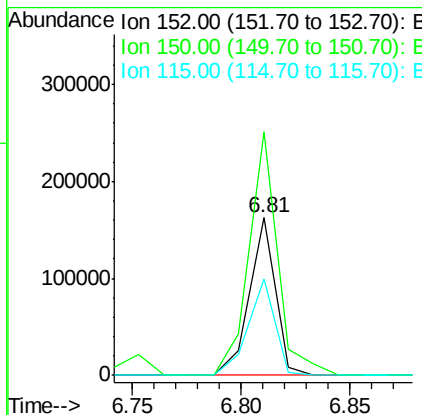
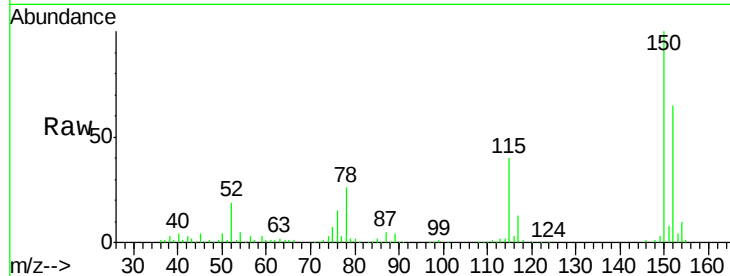
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.8	185.6
115	61.6	39.6	59.4

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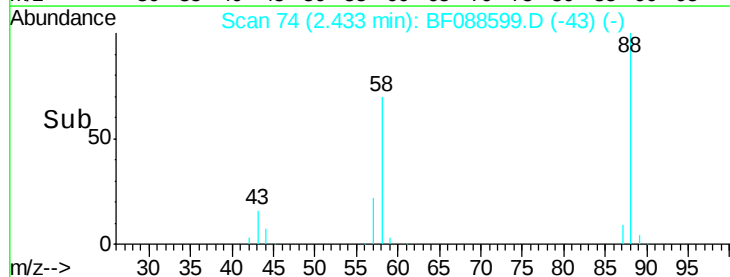
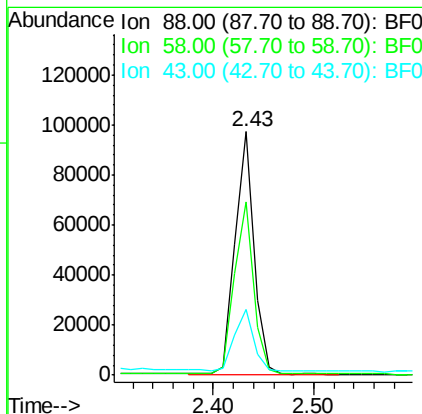
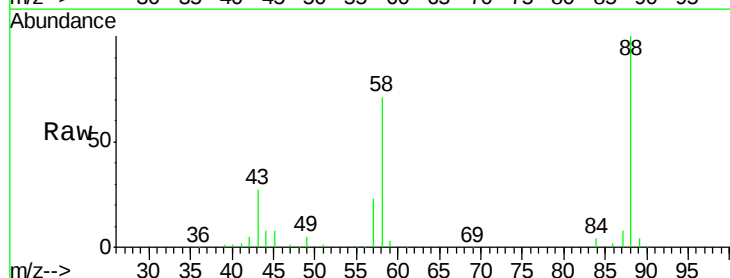
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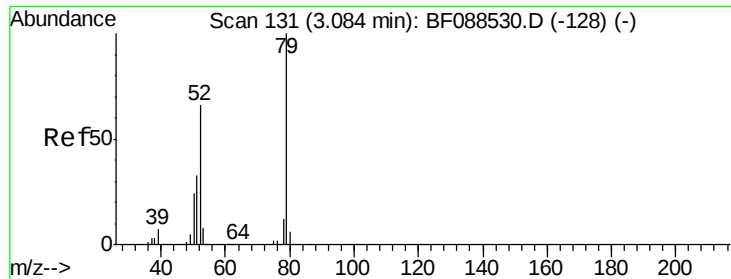


#2

1,4-Dioxane
Concen: 29.17 ng
RT: 2.43 min Scan# 74
Delta R.T. 0.06 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	0.0	0.0
43	25.6	3.4	5.2





#3

Pyridine

Concen: 14.19 ng

RT: 3.16 min Scan# 138

Delta R.T. 0.09 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

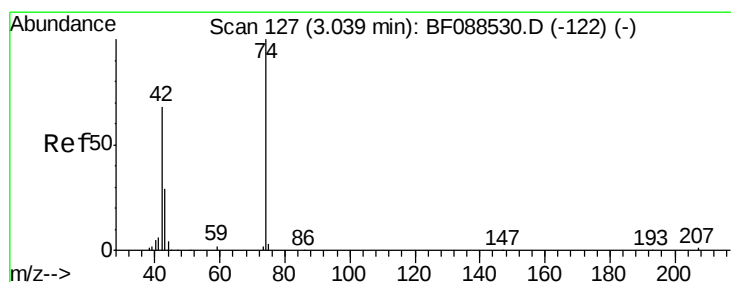
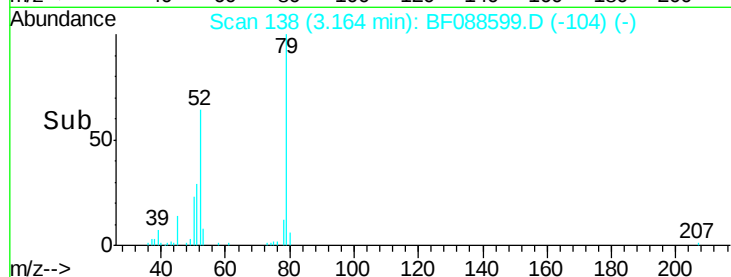
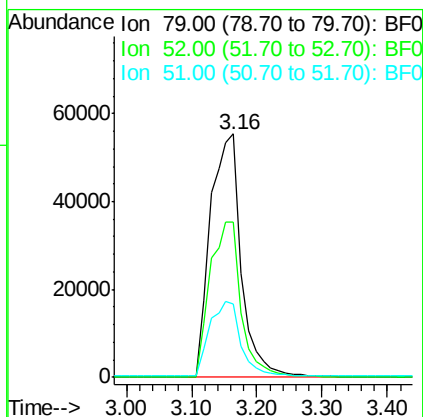
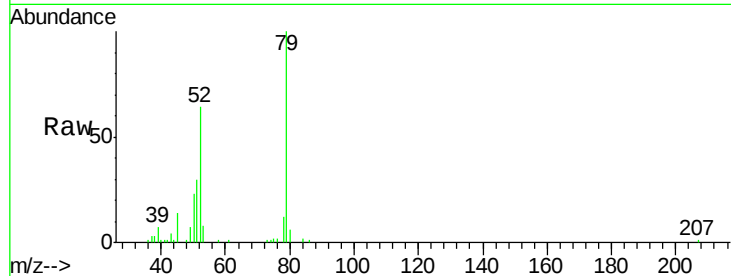
ClientSampleId :

SB-04-COMPMSD

Tgt Ion:	79	Resp:	183402
Ion Ratio	Lower	Upper	
79	100		
52	63.8	56.3	84.5
51	30.4	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 18.84 ng

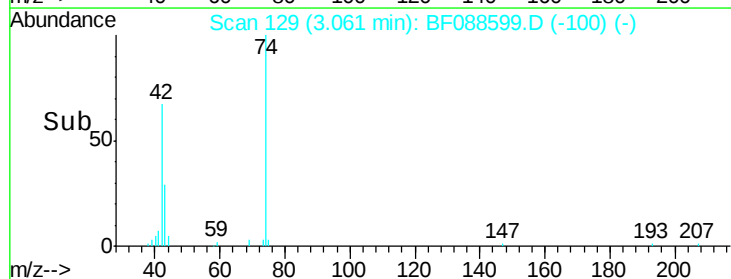
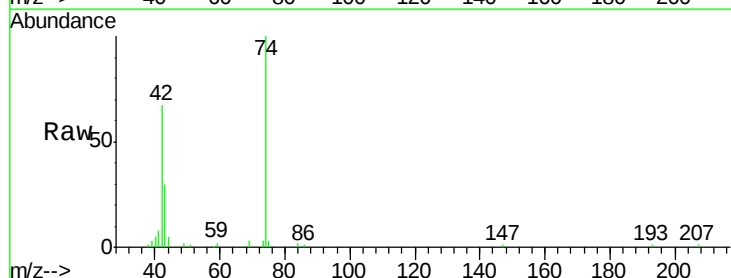
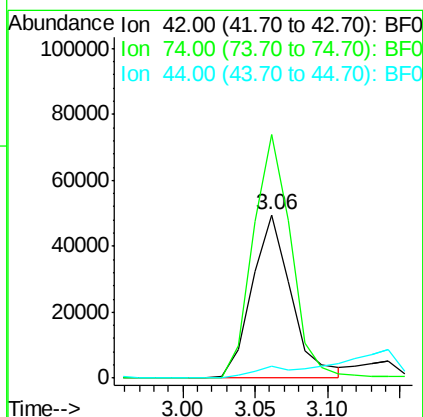
RT: 3.06 min Scan# 129

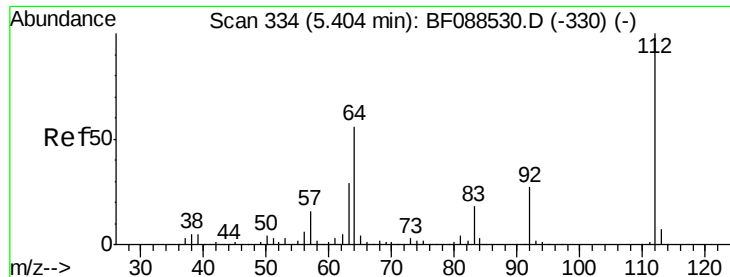
Delta R.T. 0.03 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Tgt Ion:	42	Resp:	93005
Ion Ratio	Lower	Upper	
42	100		
74	148.9	108.6	163.0
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 106.71 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.02 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

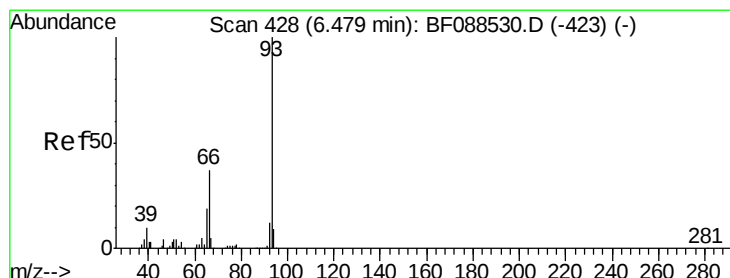
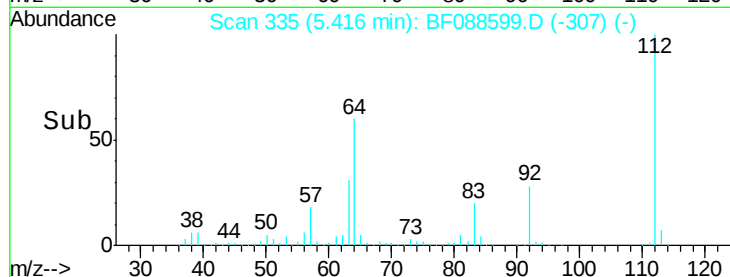
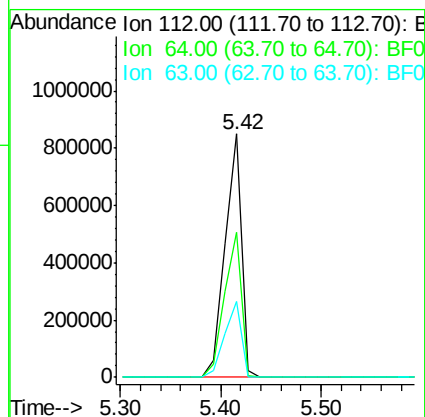
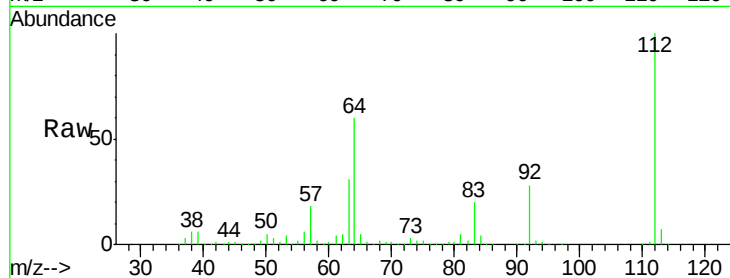
ClientSampleId :

SB-04-COMPMSD

Tgt Ion:	112	Resp:	958367
Ion Ratio	Lower	Upper	
112	100		
64	59.6	42.2	63.2
63	31.2	21.8	32.8

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#6

Aniline

Concen: 11.60 ng

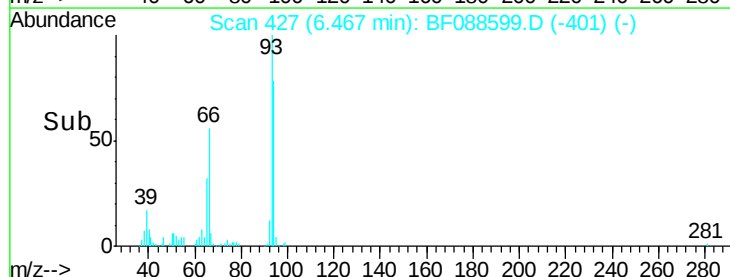
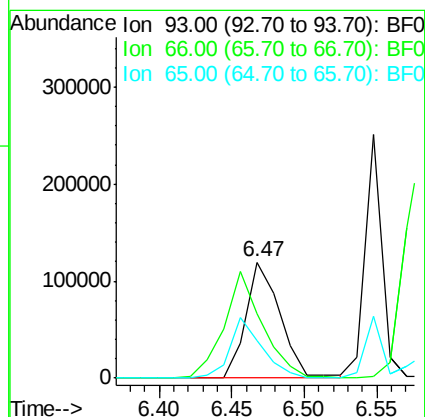
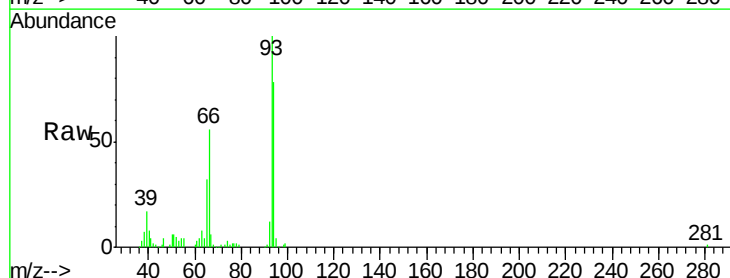
RT: 6.47 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Tgt Ion:	93	Resp:	196219
Ion Ratio	Lower	Upper	
93	100		
66	55.6	29.8	44.8#
65	32.3	14.9	22.3#





#7

Phenol-d6

Concen: 114.27 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088599.D

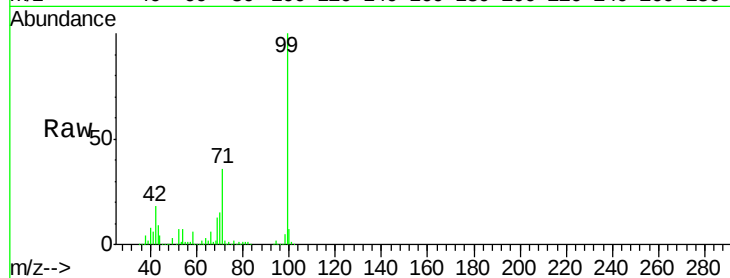
Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD



Tgt Ion: 99 Resp: 1326124

Ion Ratio Lower Upper

99 100

42 18.1 12.2 18.2

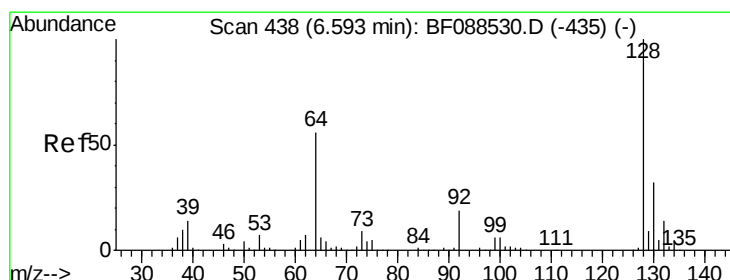
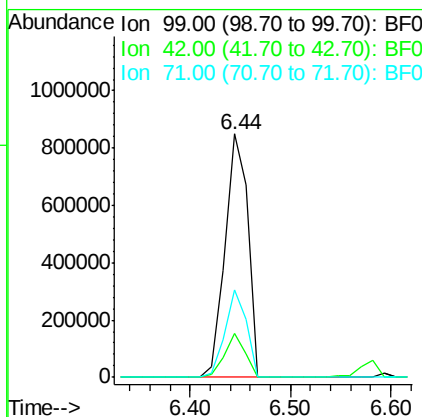
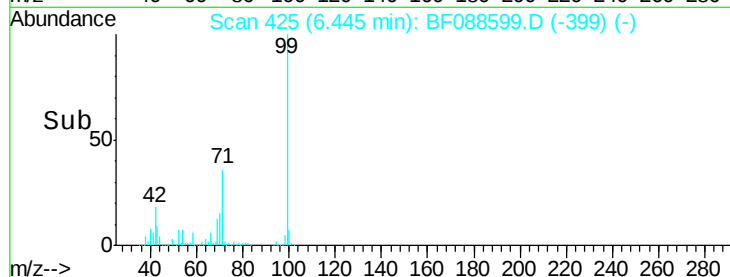
71 36.1 23.4 35.0#

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#8

2-Chlorophenol

Concen: 21.17 ng

RT: 6.59 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

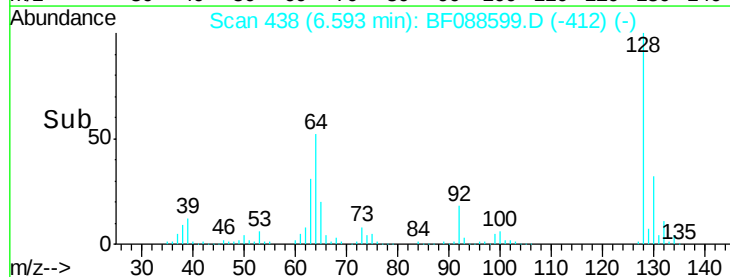
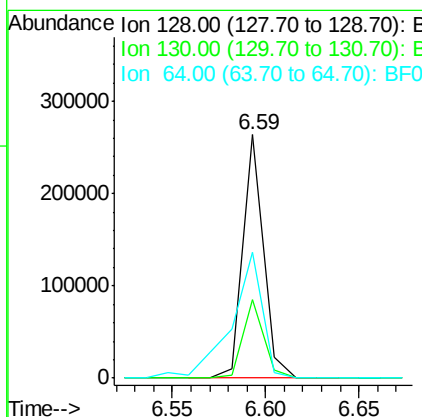
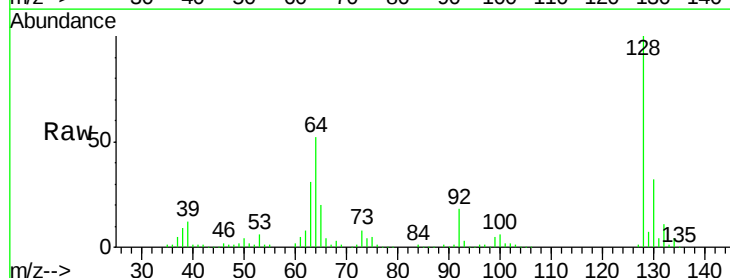
Tgt Ion: 128 Resp: 204357

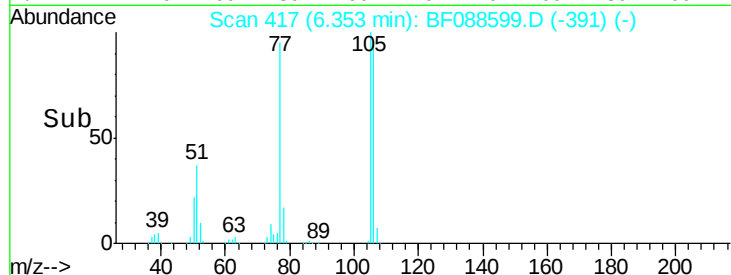
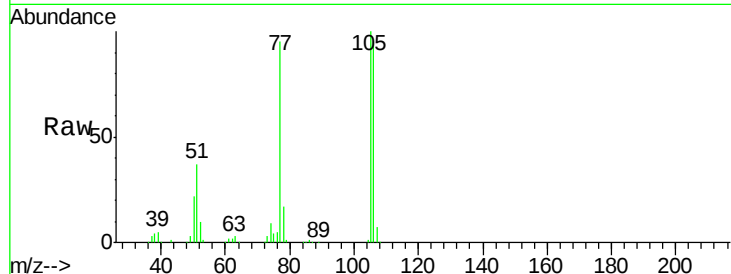
Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

64 51.6 30.8 70.8





#9

Benzaldehyde

Concen: 17.98 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Lower	Upper
77	100		
105	105.0	90.6	130.6
106	99.6	85.3	125.3

Instrument :

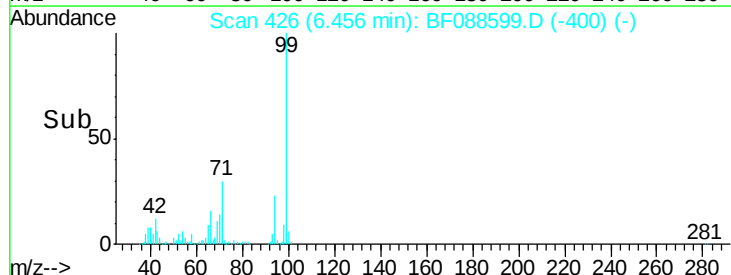
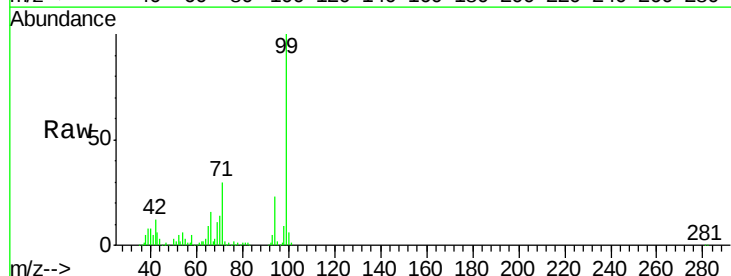
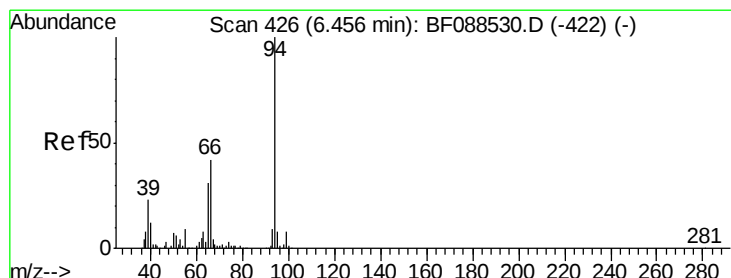
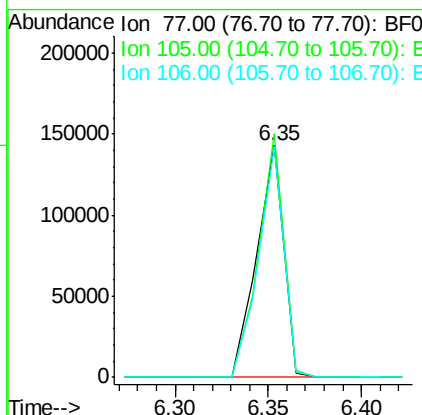
BNA_F

ClientSampleId :

SB-04-COMPMSD

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#10

Phenol

Concen: 14.43 ng

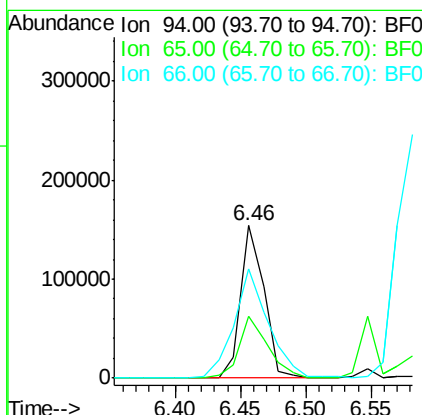
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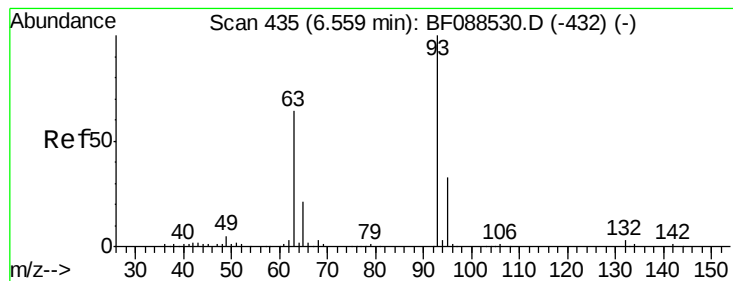
Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.7	5.9	45.9
66	71.4	14.0	54.0





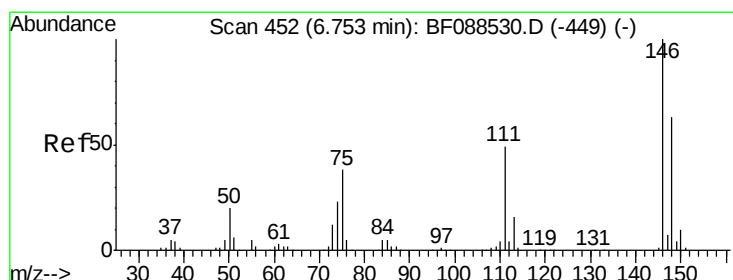
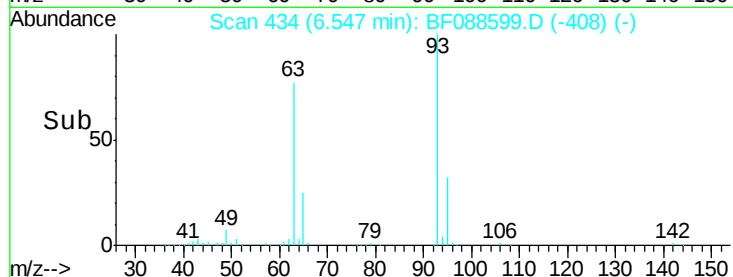
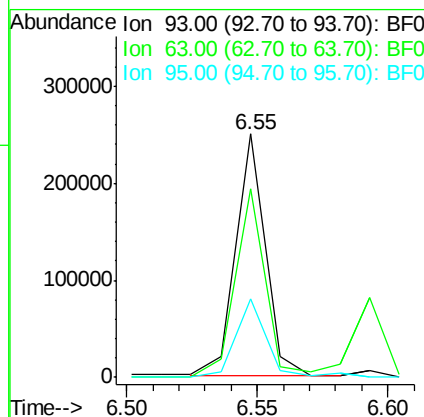
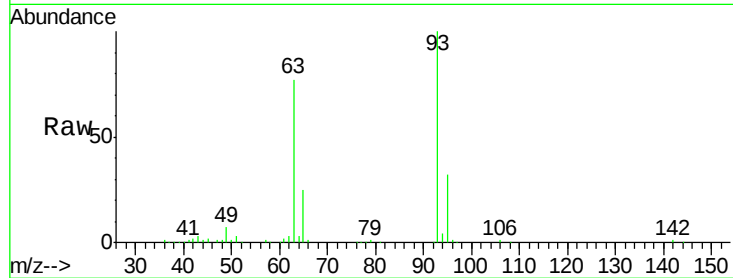
#11
bis(2-Chloroethyl)ether
Concen: 20.02 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	197752		
63	77.4	67.6	107.6	
95	32.0	12.5	52.5	

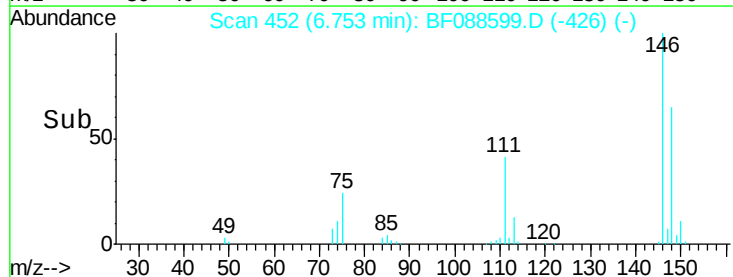
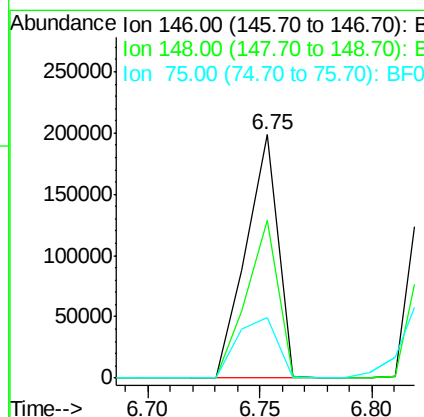
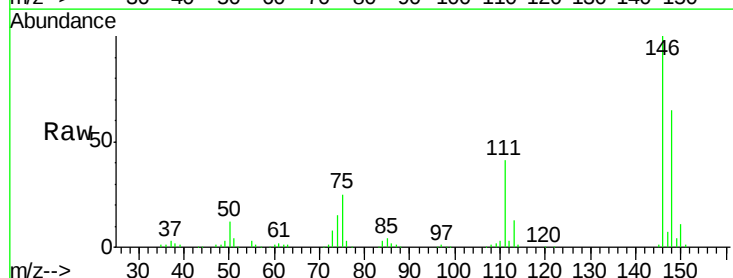
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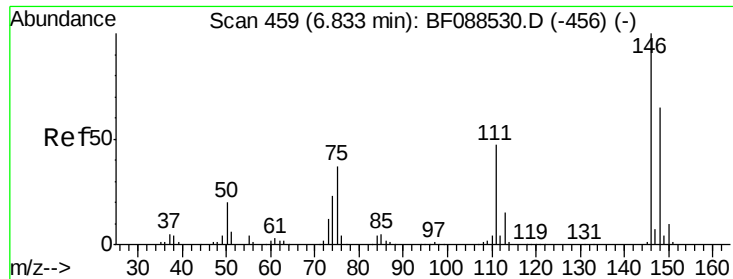
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#12
1,3-Dichlorobenzene
Concen: 18.63 ng m
RT: 6.75 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	197875		
148	64.8	50.9	76.3	
75	25.0	25.6	38.4	





#13

1,4-Dichlorobenzene

Concen: 18.59 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

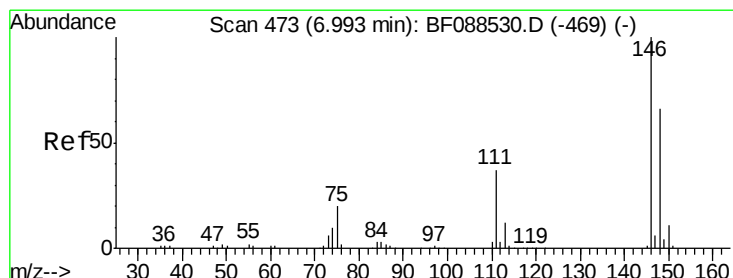
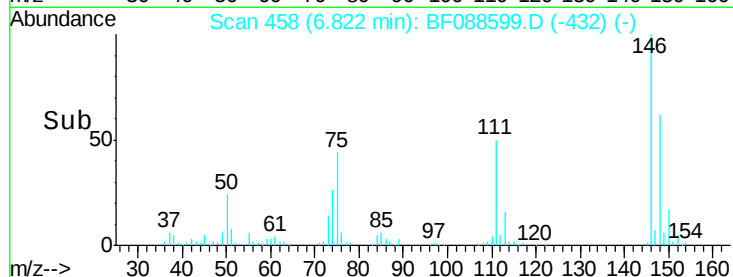
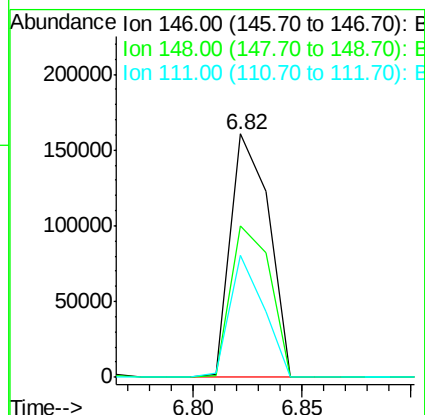
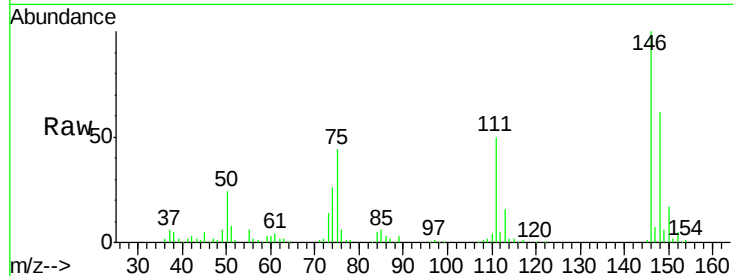
ClientSampleId :

SB-04-COMPMSD

Tgt Ion:	146	Resp:	196000
Ion Ratio	Lower	Upper	
146	100		
148	62.3	52.0	78.0
111	50.1	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 20.81 ng m

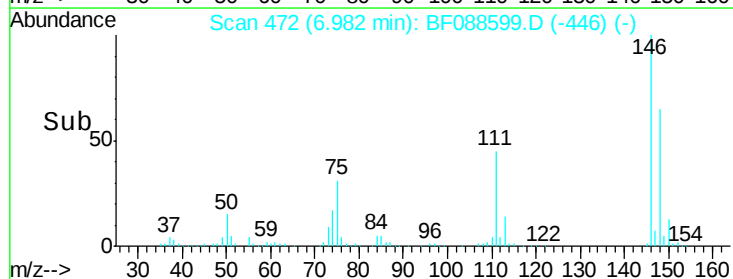
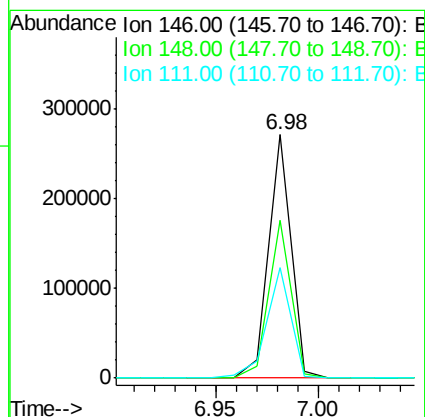
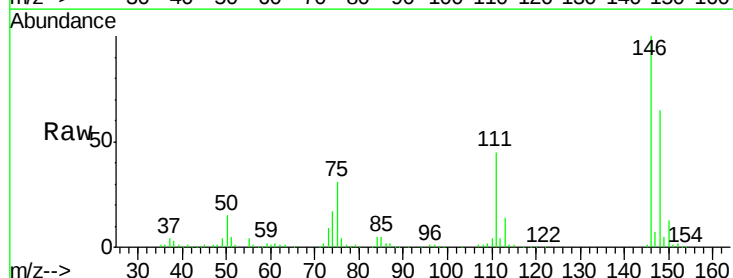
RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Tgt Ion:	146	Resp:	205313
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.3	78.5
111	45.4	28.7	43.1#





#15

Benzyl Alcohol

Concen: 20.65 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

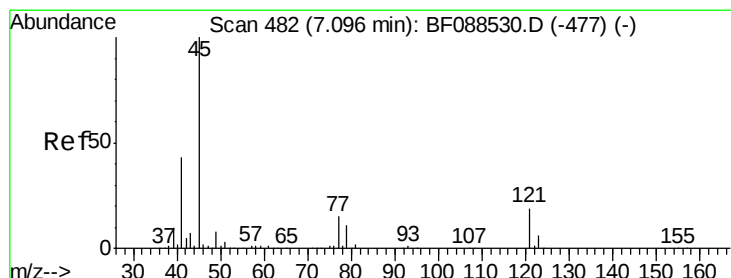
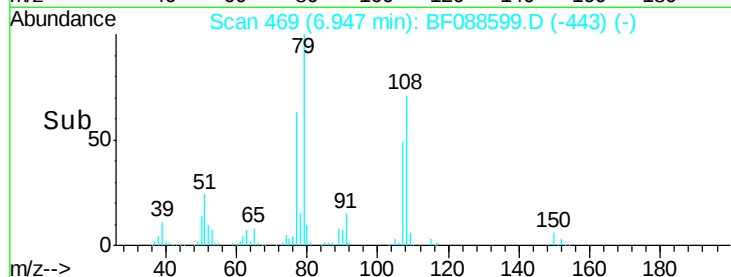
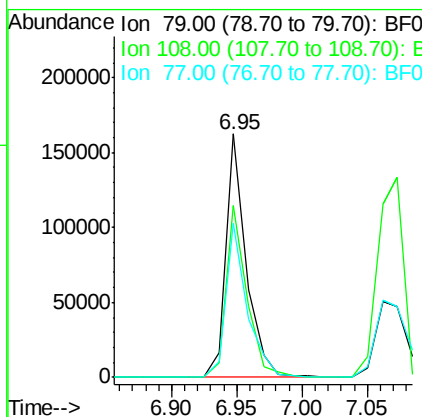
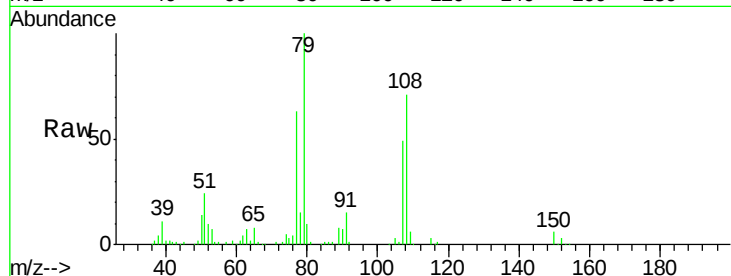
ClientSampleId :

SB-04-COMPMSD

Tgt Ion:	79	Resp:	176367
Ion Ratio	Lower	Upper	
79	100		
108	70.8	65.0	97.6
77	63.5	50.3	75.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.50 ng

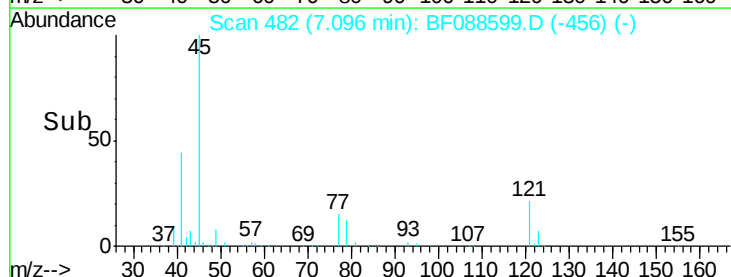
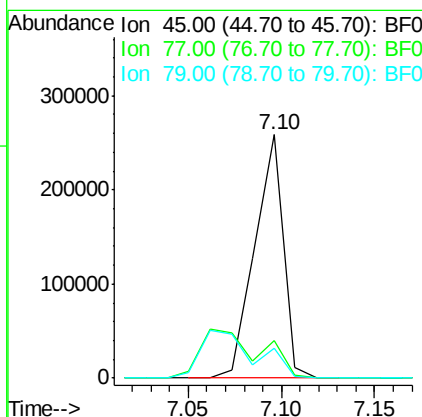
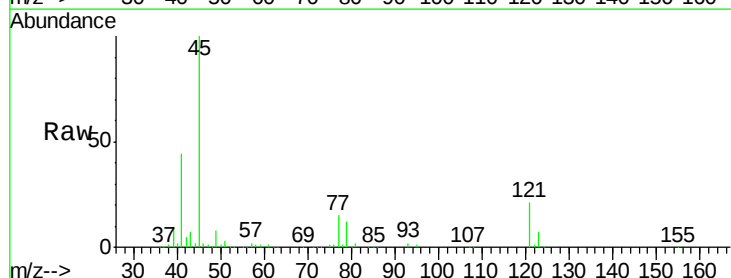
RT: 7.10 min Scan# 482

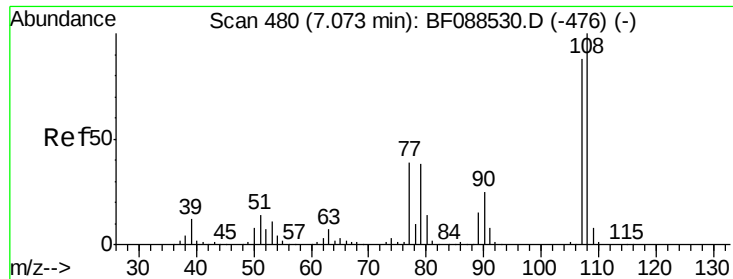
Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Tgt Ion:	45	Resp:	278866
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	32.5
79	12.2	0.0	29.5





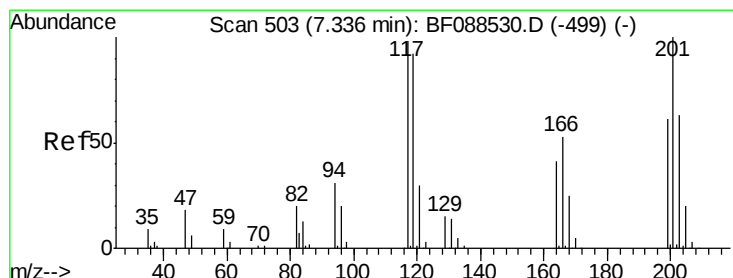
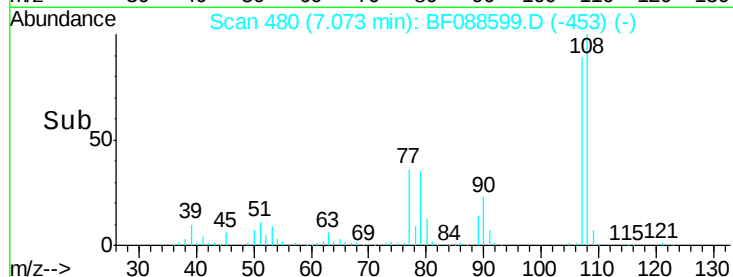
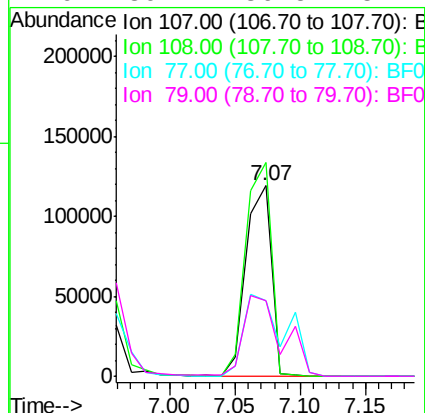
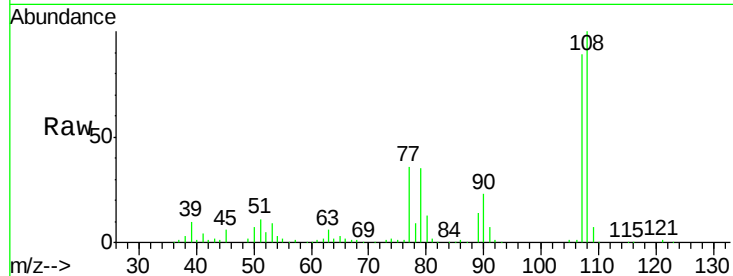
#17
2-Methylphenol
Concen: 20.54 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.01 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	161717		
108	112.1	90.9	136.3	
77	39.9	36.6	55.0	
79	39.7	36.5	54.7	

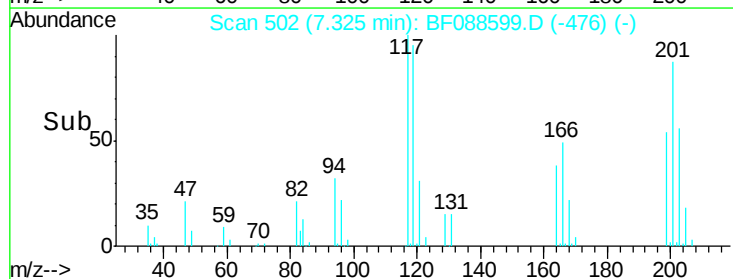
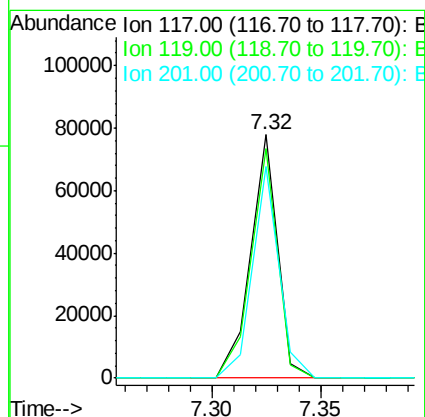
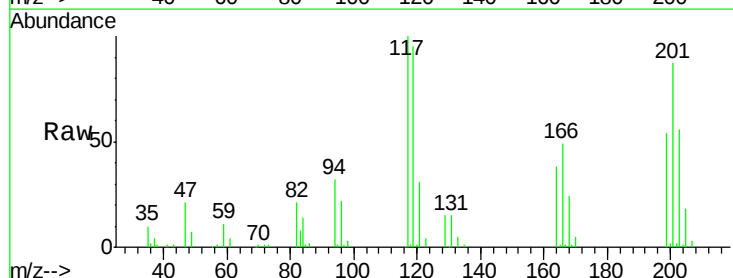
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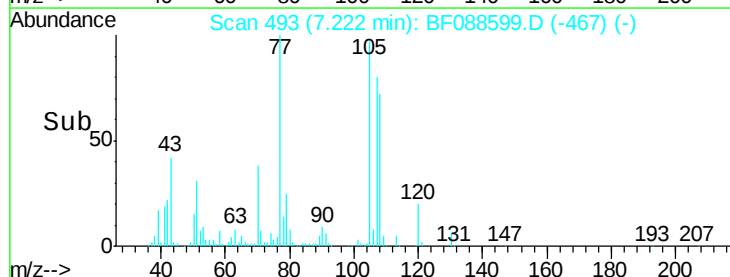
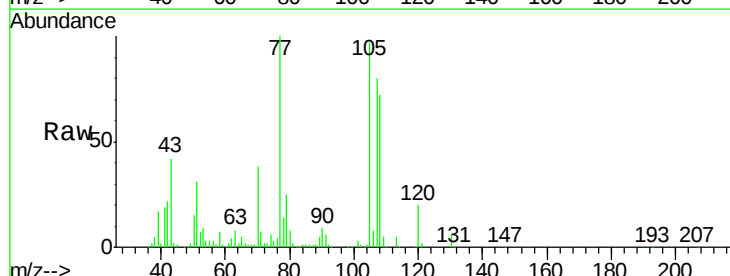
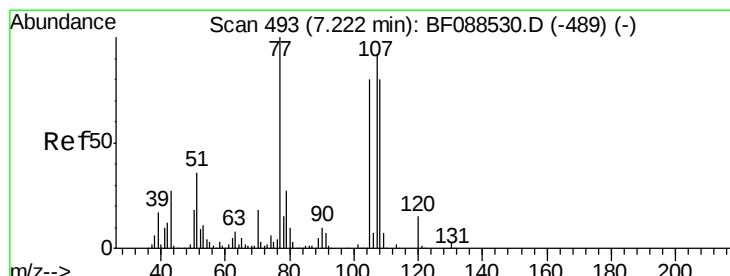
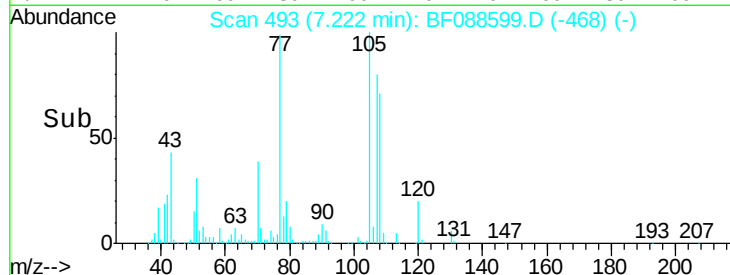
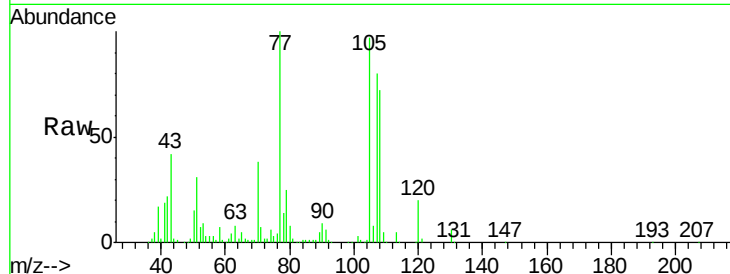
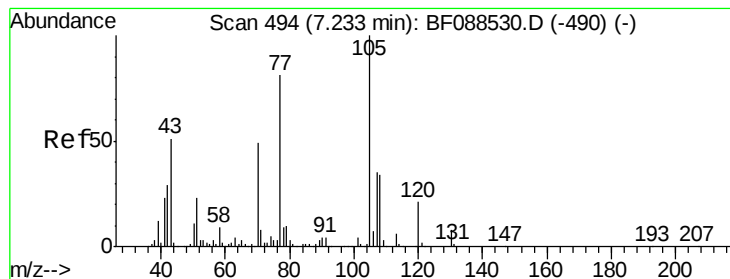
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#18
Hexachloroethane
Concen: 16.34 ng
RT: 7.32 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	66644		
119	94.5	77.4	116.2	
201	87.0	80.4	120.6	





#19

n-Nitroso-di-n-propylamine

Concen: 18.10 ng

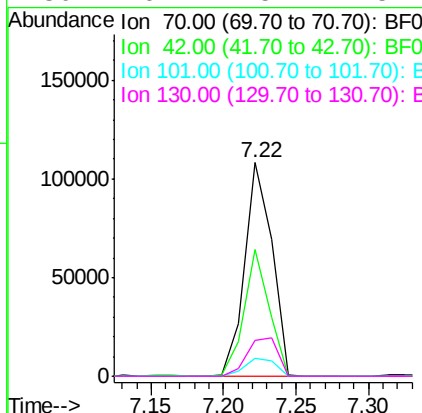
RT: 7.22 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.5	49.6	74.4	
101	8.7	7.1	10.7	
130	16.7	15.4	23.2	



Instrument :

BNA_F

ClientSampleId :

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#20

3+4-Methylphenols

Concen: 21.35 ng

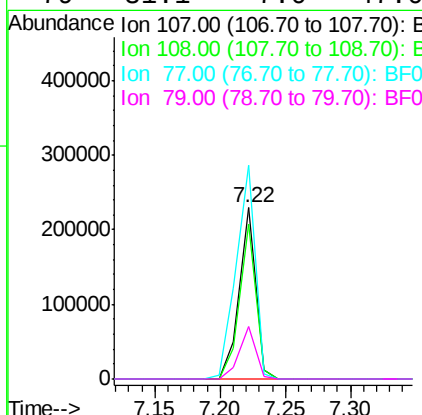
RT: 7.22 min Scan# 493

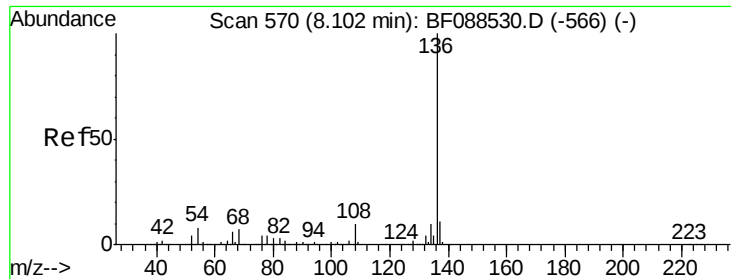
Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	67.8	107.8	
77	124.8	59.3	99.3#	
79	31.1	7.0	47.0	





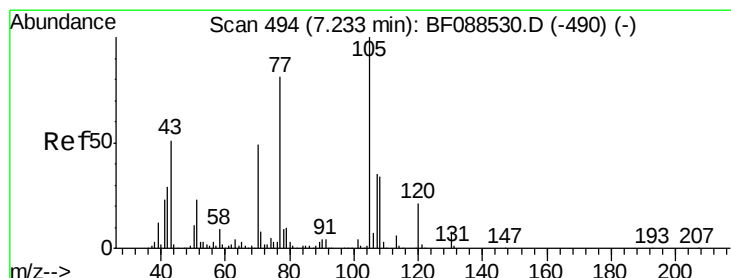
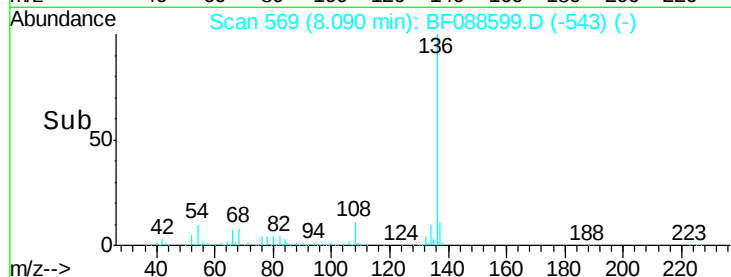
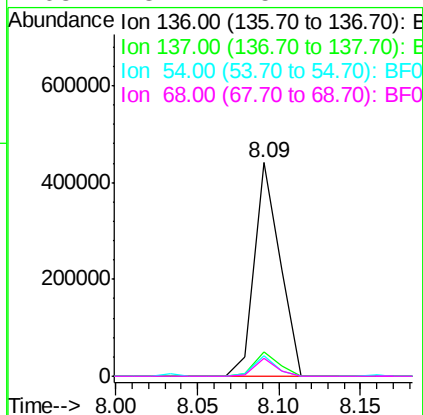
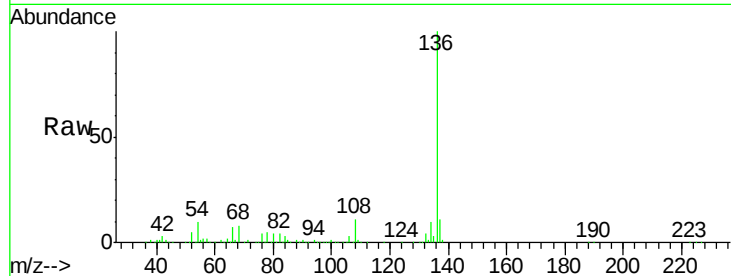
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	482039		
137	11.2	9.1	13.7	
54	9.9	6.6	10.0	
68	8.2	5.1	7.7#	

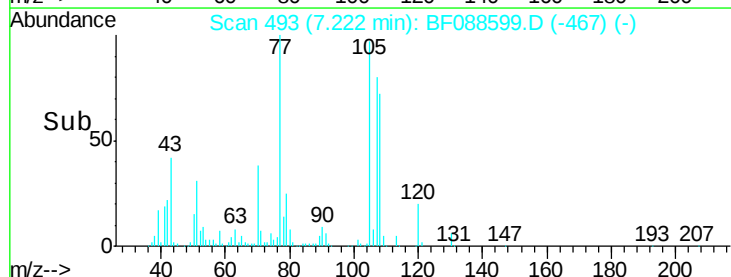
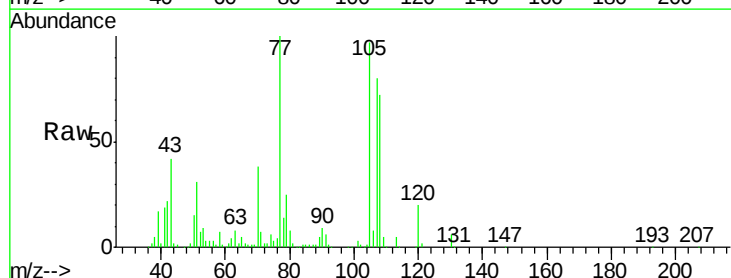
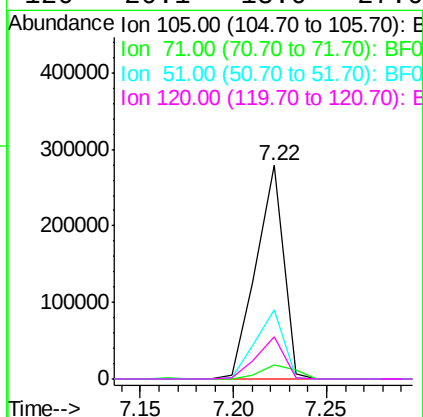
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#22
Acetophenone
Concen: 24.49 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	286518		
71	6.7	5.3	7.9	
51	32.3	18.2	27.4#	
120	20.1	18.0	27.0	





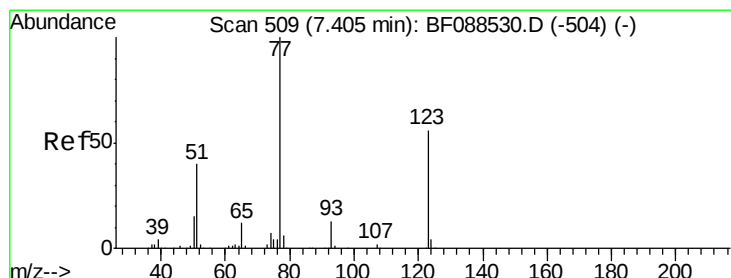
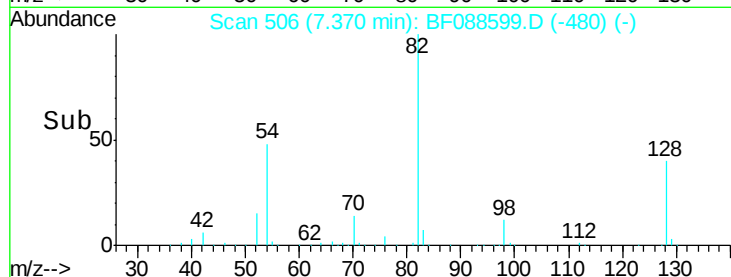
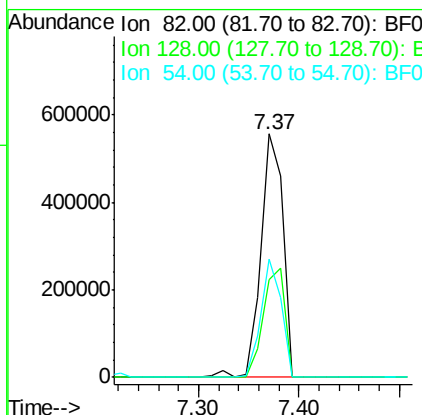
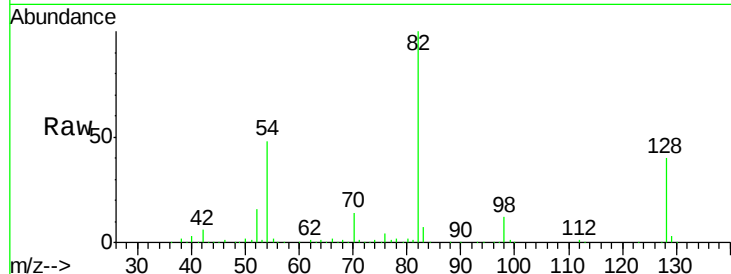
#23
 Nitrobenzene-d5
 Concen: 91.50 ng
 RT: 7.37 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.0	35.9	53.9
54	48.4	40.9	61.3

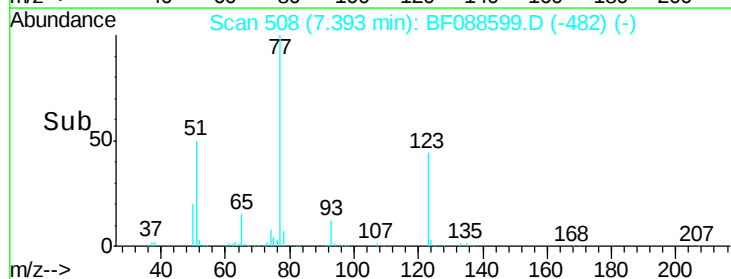
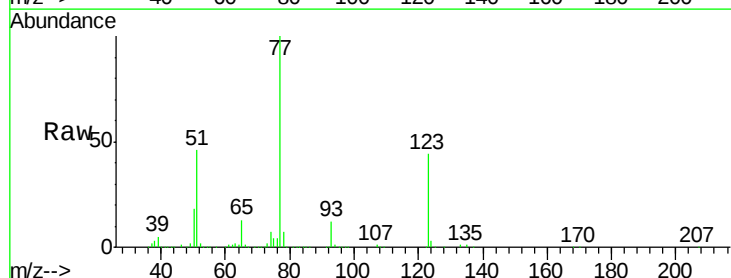
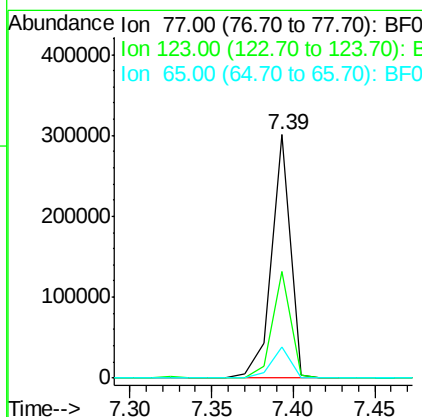
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#24
 Nitrobenzene
 Concen: 26.16 ng
 RT: 7.39 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	45.0	67.4#
65	13.0	10.2	15.2





#25

Isophorone

Concen: 24.16 ng

RT: 7.63 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

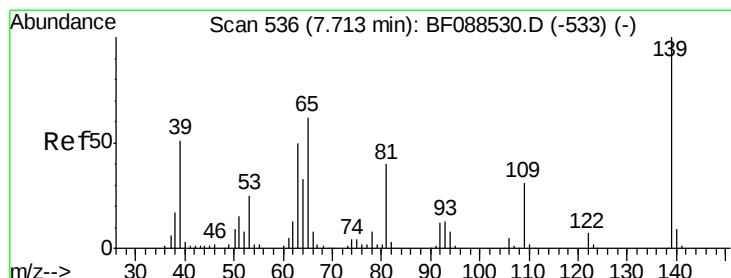
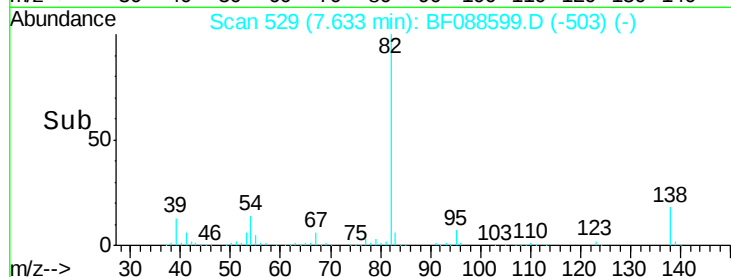
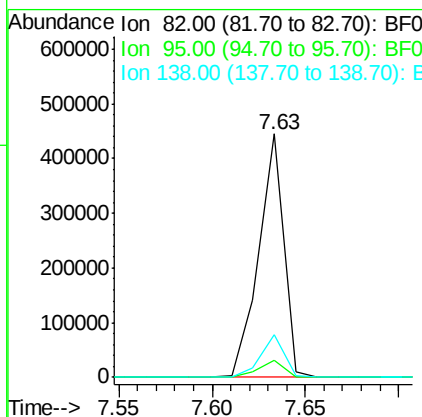
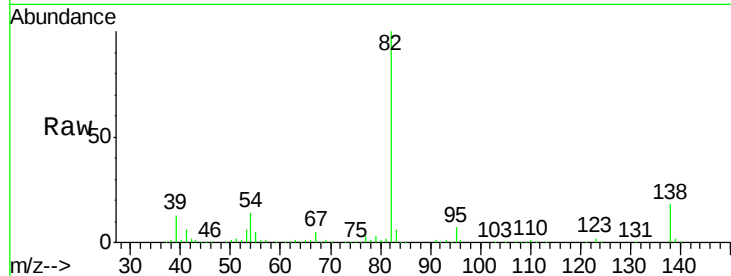
ClientSampleId :

SB-04-COMPMSD

Tgt Ion:	82	Resp:	411634
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.4	8.2
138	17.6	14.6	21.8

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#26

2-Nitrophenol

Concen: 21.48 ng

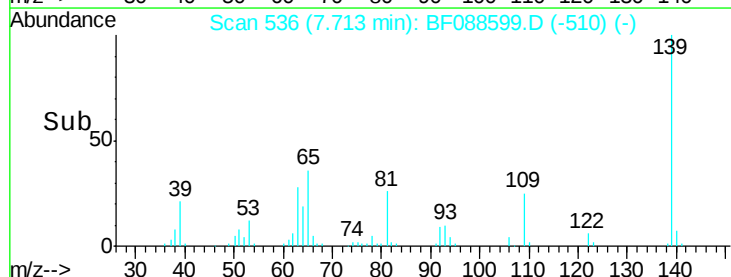
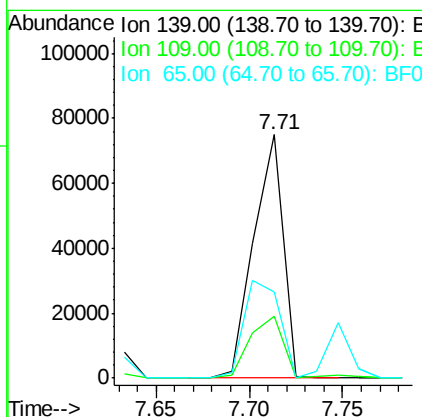
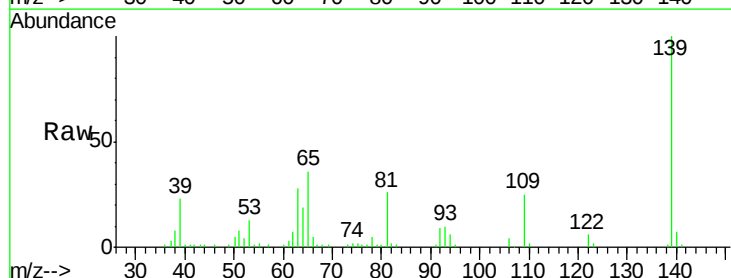
RT: 7.71 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Tgt Ion:	139	Resp:	81697
Ion Ratio		Lower	Upper
139	100		
109	25.3	23.0	34.4
65	35.5	45.8	68.8#





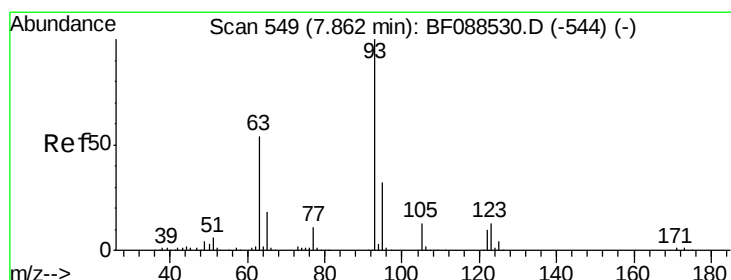
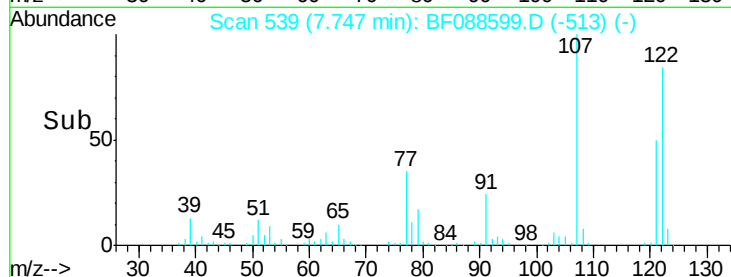
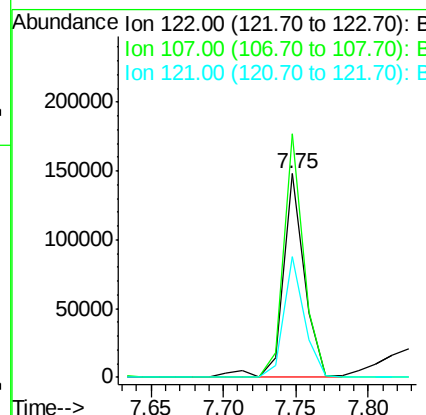
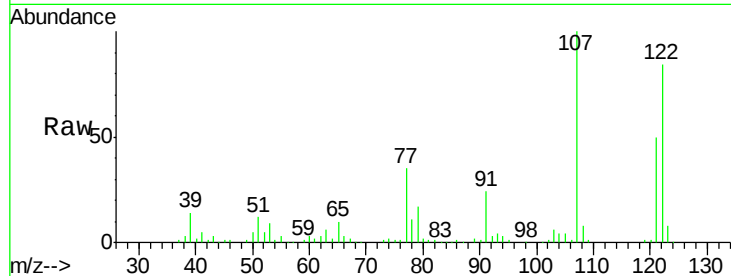
#27
 2,4-Dimethylphenol
 Concen: 19.08 ng
 RT: 7.75 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	151147		
107	119.6	82.4	123.6	
121	59.4	46.3	69.5	

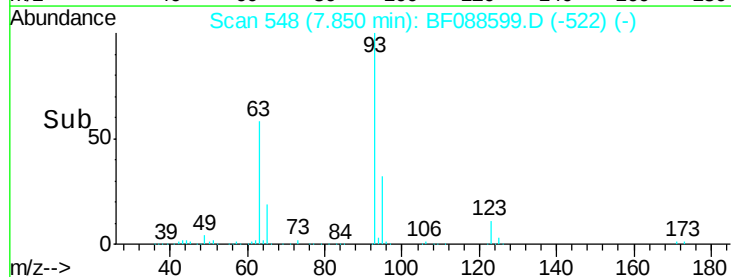
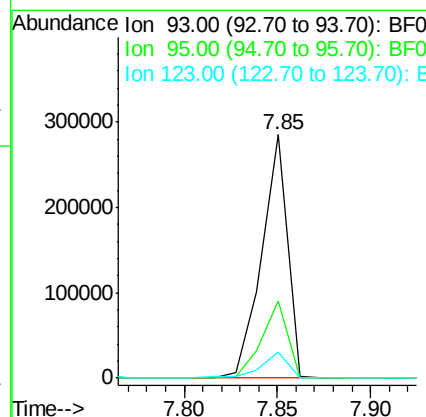
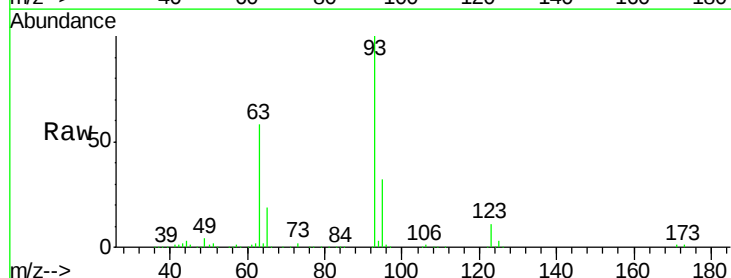
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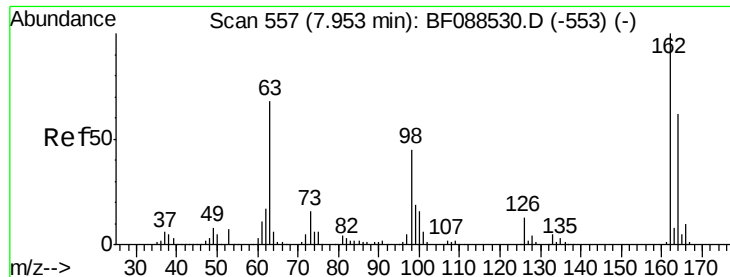
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#28
 bis(2-Chloroethoxy)methane
 Concen: 24.40 ng
 RT: 7.85 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF088599.D
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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	270567		
95	31.9	26.5	39.7	
123	10.5	11.6	17.4	





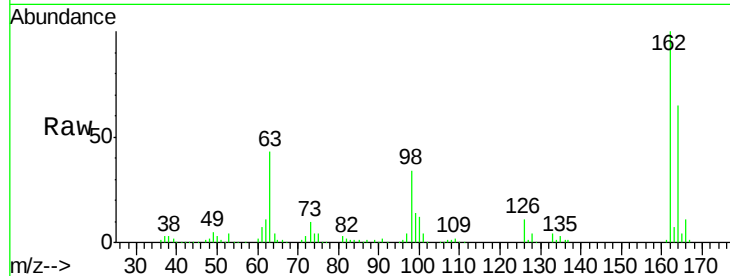
#29
2,4-Dichlorophenol
Concen: 24.52 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

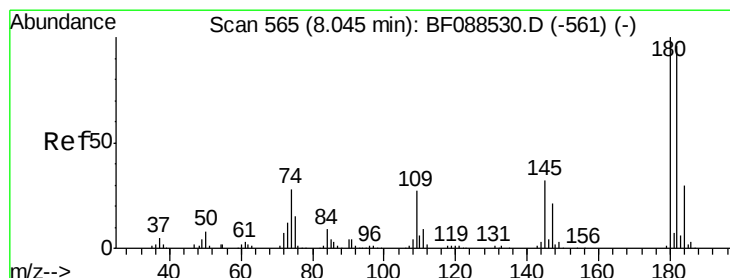
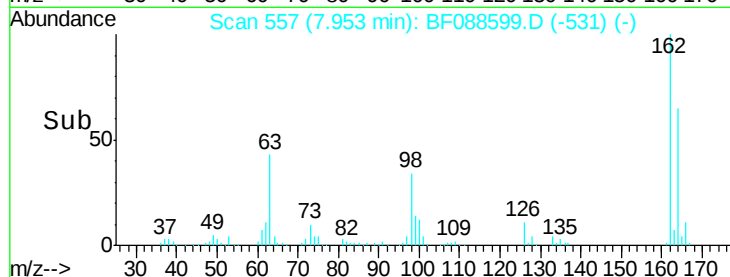
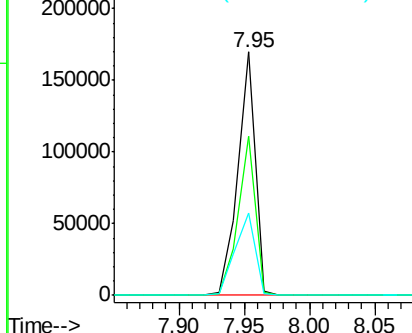
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.4	43.8	83.8
98	33.7	21.3	61.3

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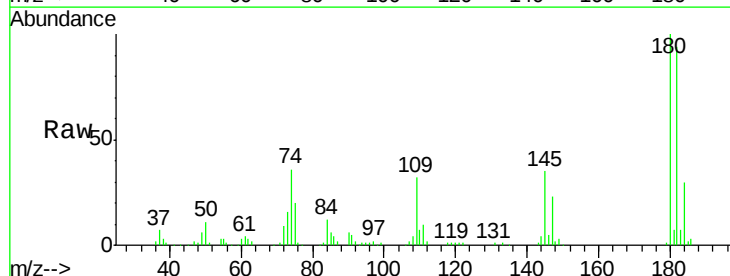


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

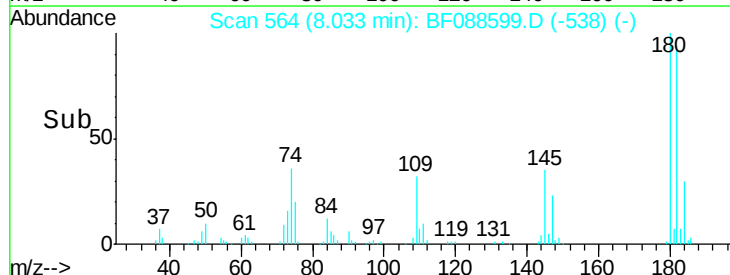
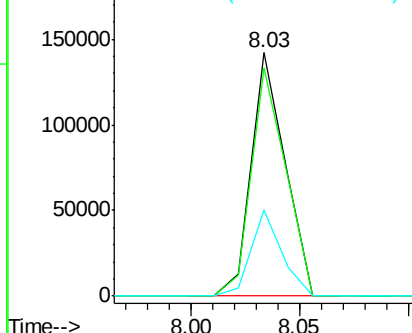


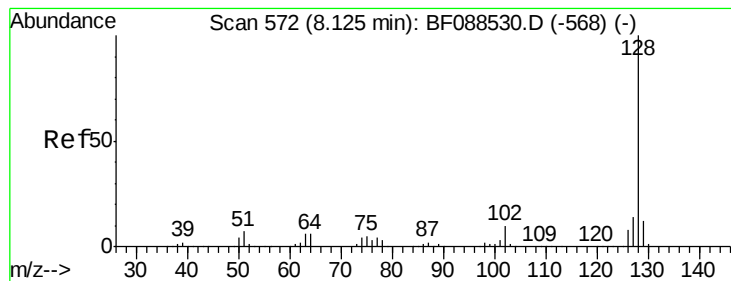
#30
1,2,4-Trichlorobenzene
Concen: 21.90 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.7	76.0	114.0
145	35.3	26.5	39.7



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: 22.47 ng

RT: 8.11 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

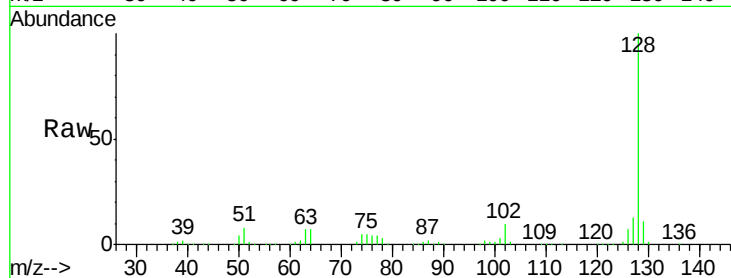
ClientSampleId :

SB-04-COMPMSD

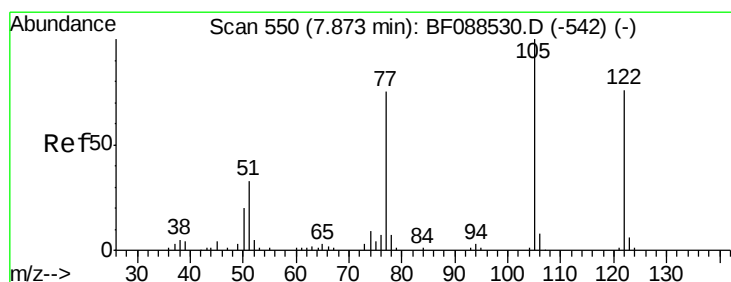
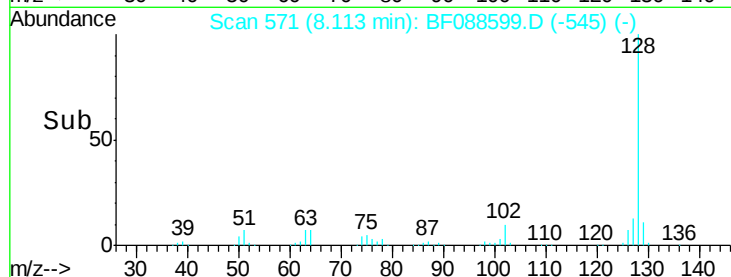
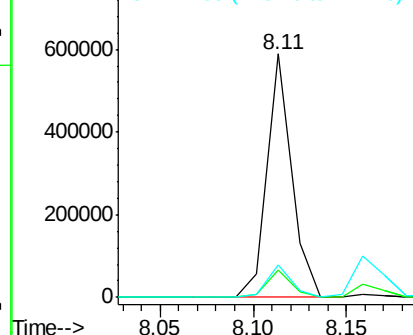
Tgt Ion:	128	Resp:	533998
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.4	14.2
127	13.3	10.9	16.3

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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: 6.80 ng

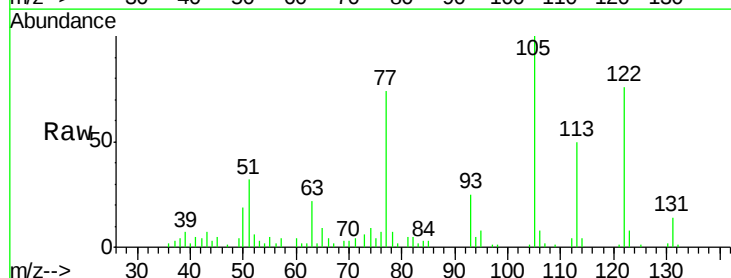
RT: 7.83 min Scan# 546

Delta R.T. -0.03 min

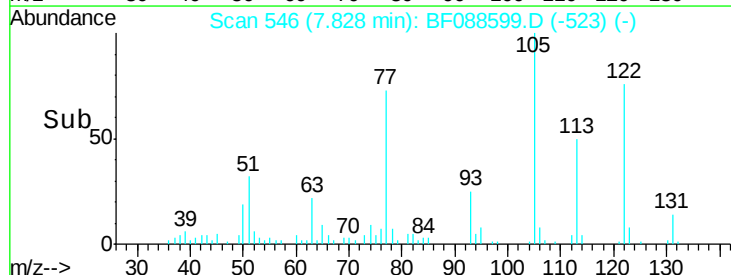
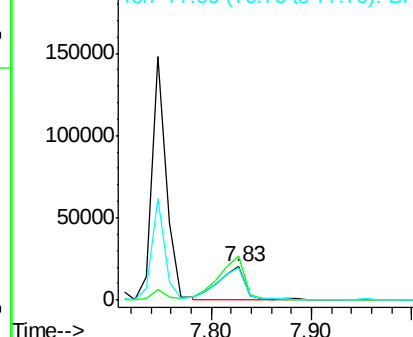
Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Tgt Ion:	122	Resp:	39110
Ion Ratio	Lower	Upper	
122	100		
105	131.9	101.6	141.6
77	97.2	70.6	110.6



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





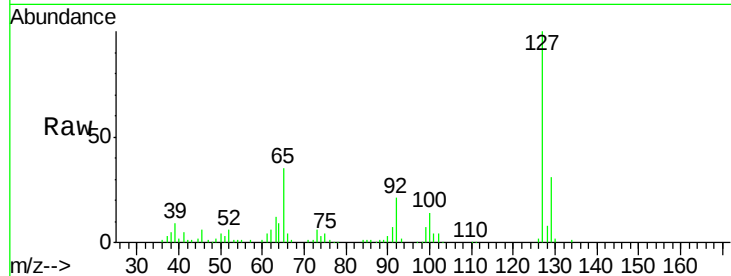
#33
4-Chloroaniline
Concen: 10.97 ng
RT: 8.16 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

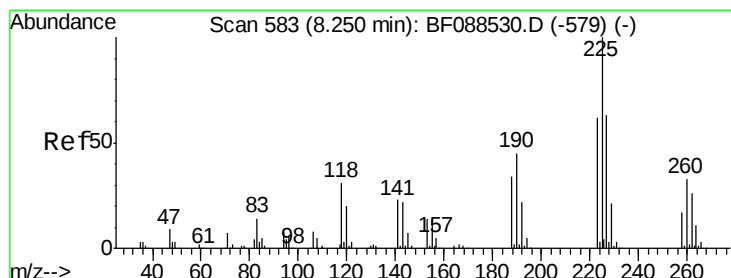
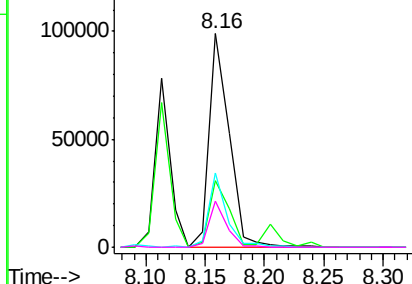
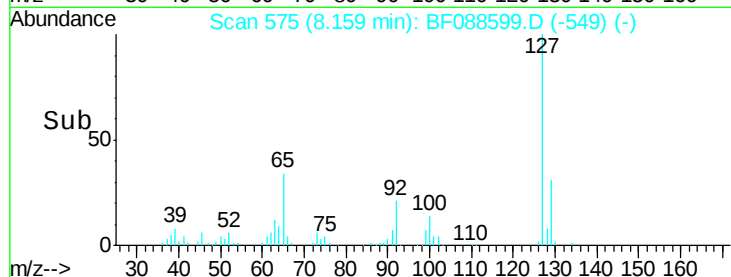
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
127	100		115960		
129	31.0	26.3	39.5		
65	34.7	24.7	37.1		
92	21.3	15.4	23.0		

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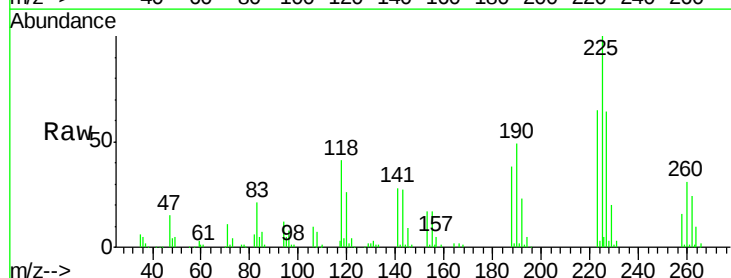


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

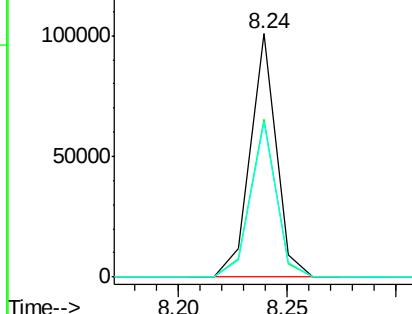
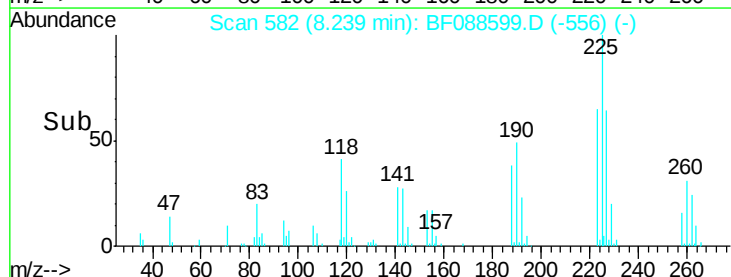


#34
Hexachlorobutadiene
Concen: 22.27 ng
RT: 8.24 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		83775		
223	64.8	50.9	76.3		
227	63.9	51.9	77.9		



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





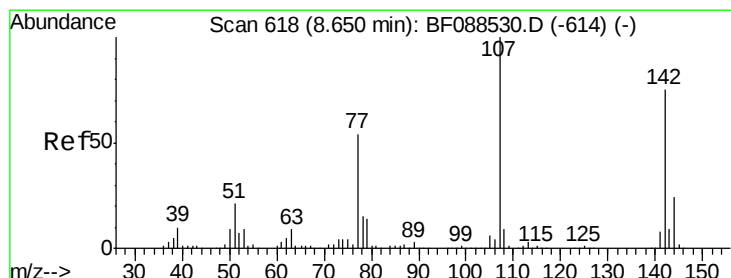
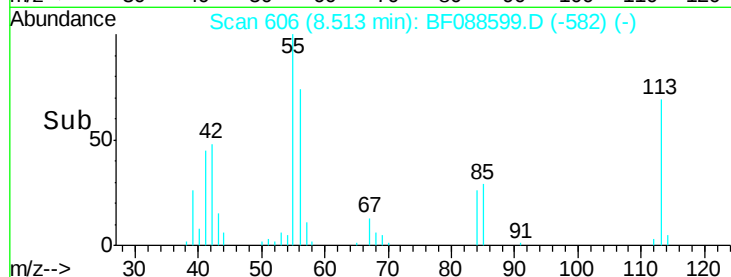
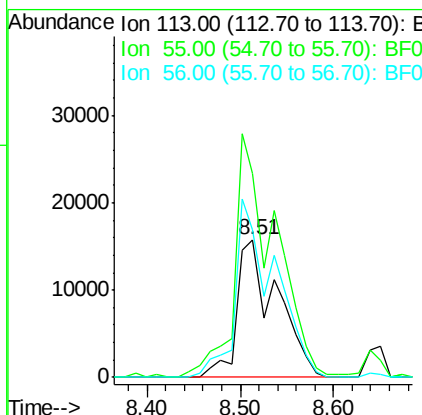
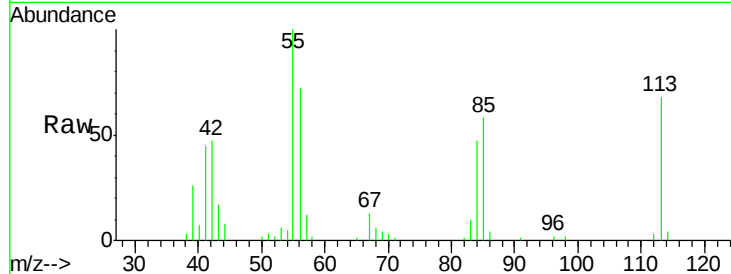
#35
 Caprolactam
 Concen: 21.88 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.02 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

Tgt Ion:113 Resp: 47561
 Ion Ratio Lower Upper
 113 100
 55 147.9 158.6 198.6#
 56 107.1 110.6 150.6#

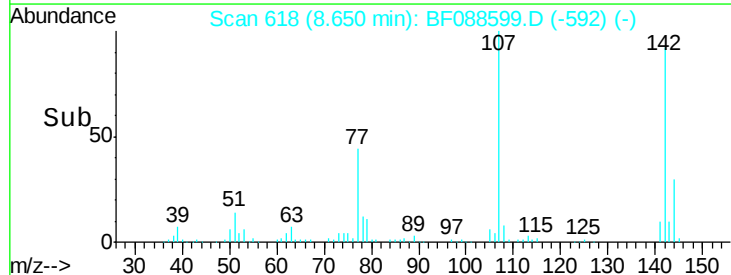
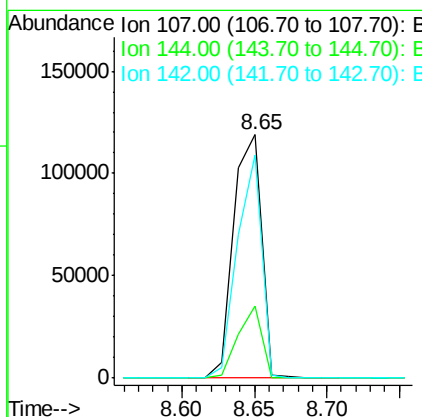
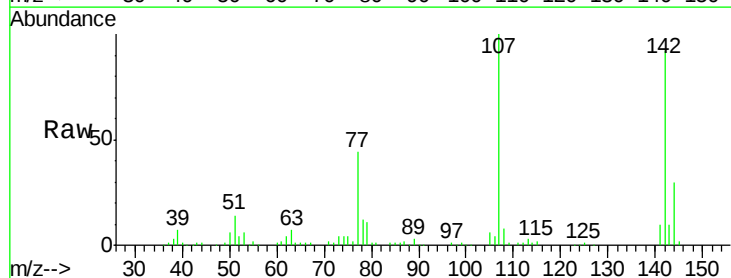
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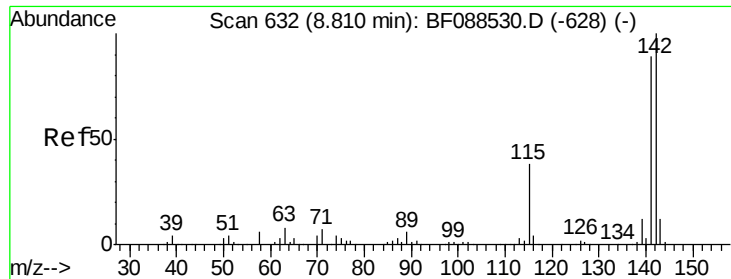
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#36
 4-Chloro-3-methylphenol
 Concen: 21.00 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Tgt Ion:107 Resp: 158951
 Ion Ratio Lower Upper
 107 100
 144 29.6 20.8 31.2
 142 91.7 63.4 95.2





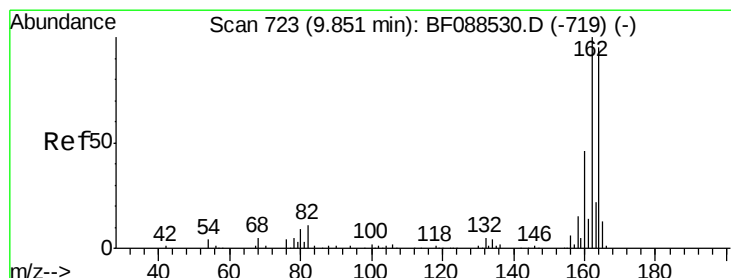
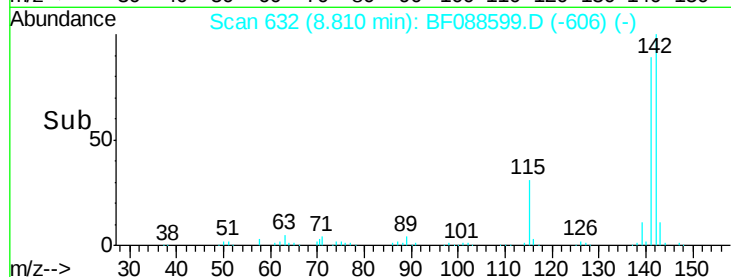
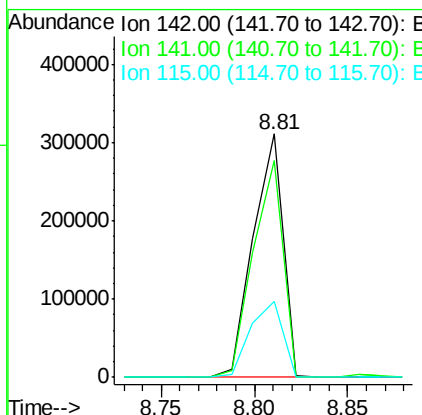
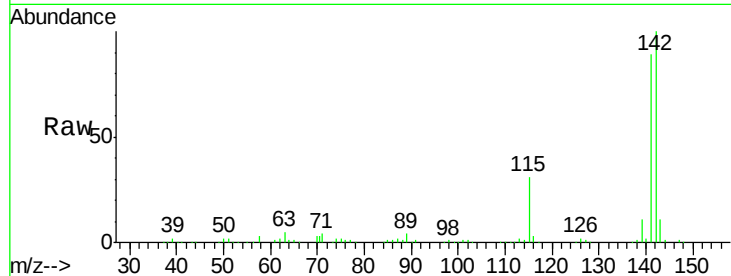
#37
 2-Methylnaphthalene
 Concen: 22.42 ng
 RT: 8.81 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	31.0	22.6	33.8

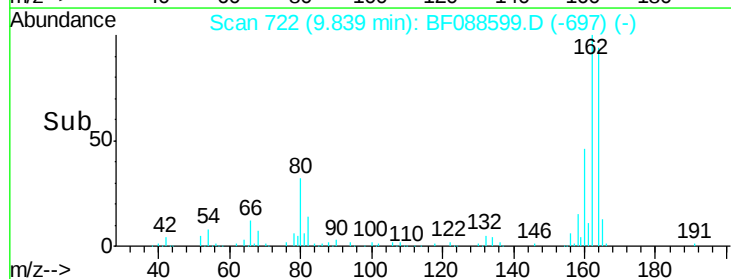
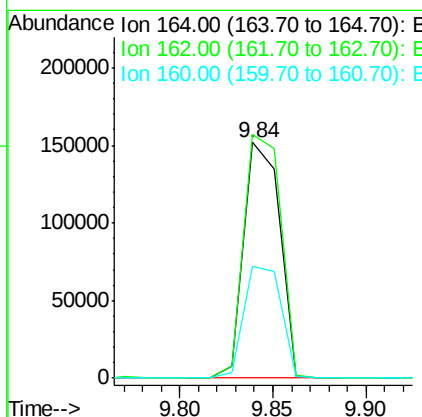
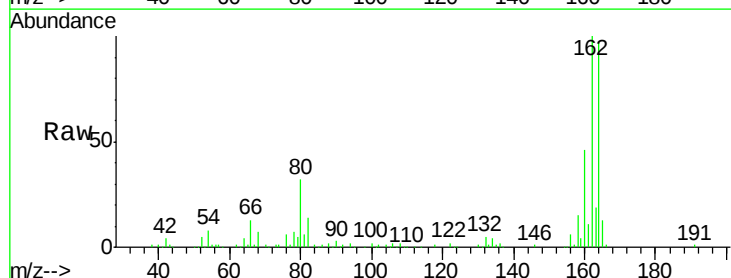
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.4	128.2
160	47.4	39.5	59.3





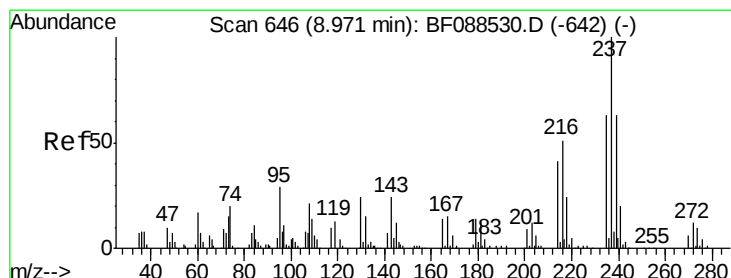
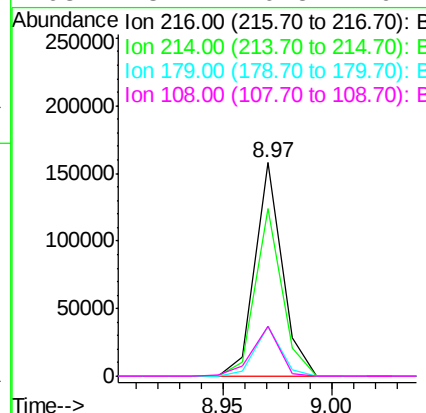
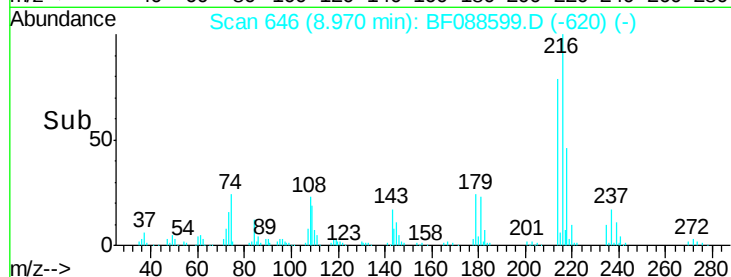
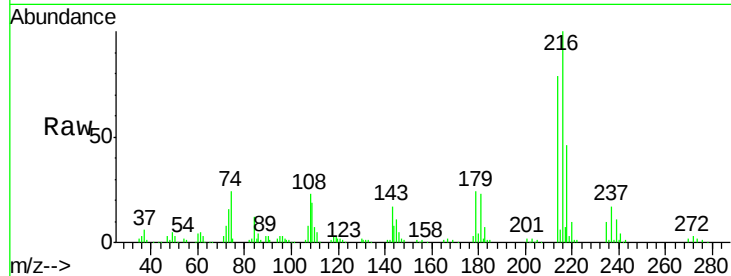
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.38 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	137129		
214	78.1	2.9	4.3#	
179	22.7	0.0	0.0#	
108	23.4	0.5	0.7#	

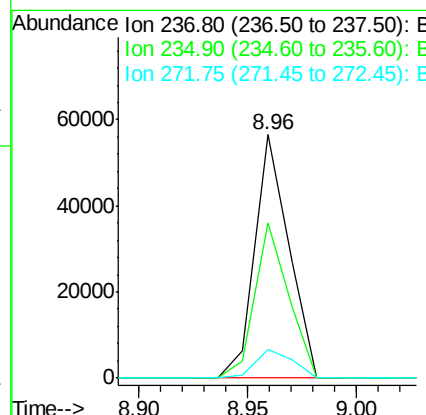
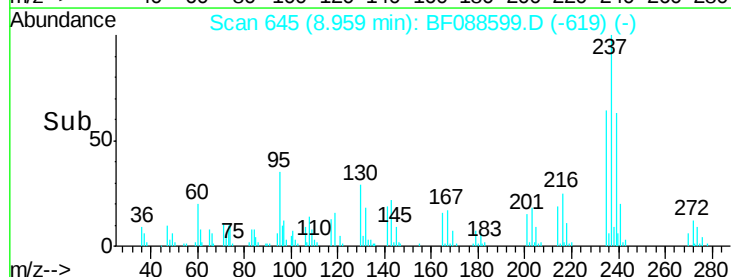
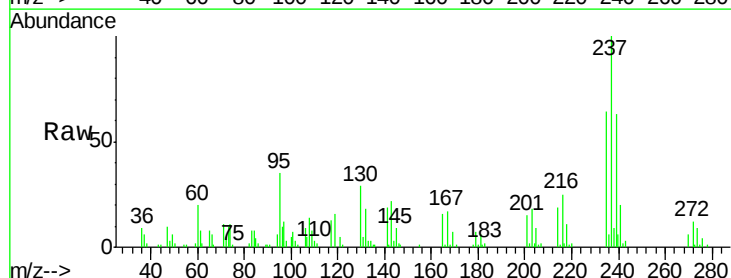
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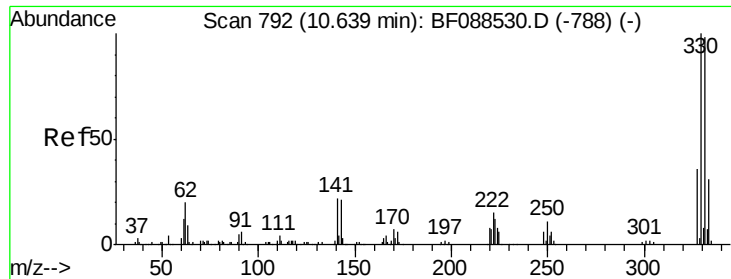
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#40
 Hexachlorocyclopentadiene
 Concen: 18.62 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	61519		
235	63.6	43.4	83.4	
272	11.5	0.0	32.3	





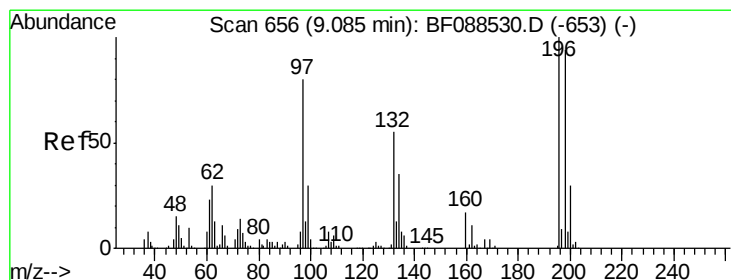
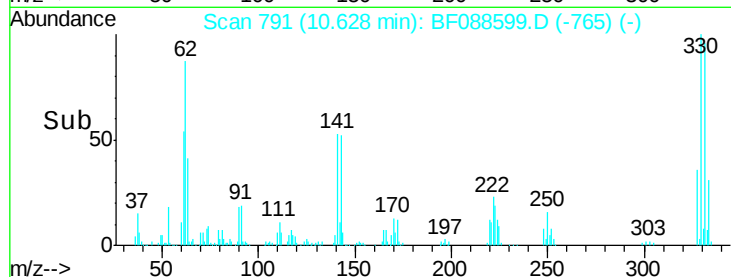
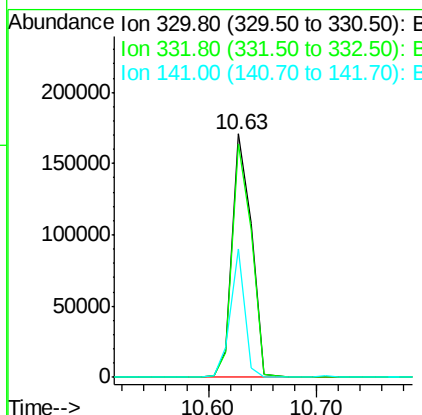
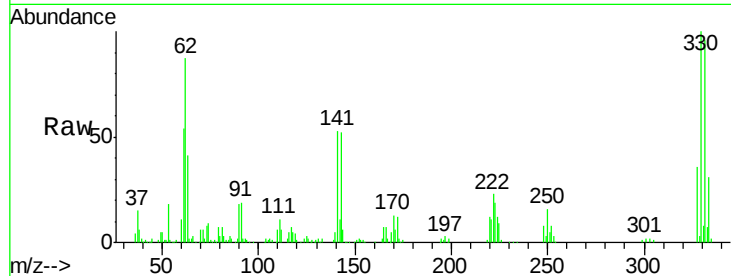
#41
 2,4,6-Tribromophenol
 Concen: 110.10 ng
 RT: 10.63 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.9	0.0	0.0#
141	39.7	0.0	0.0#

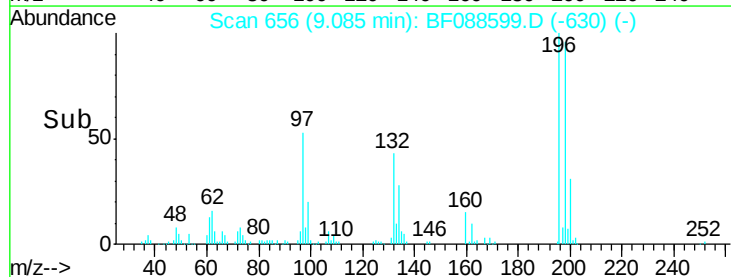
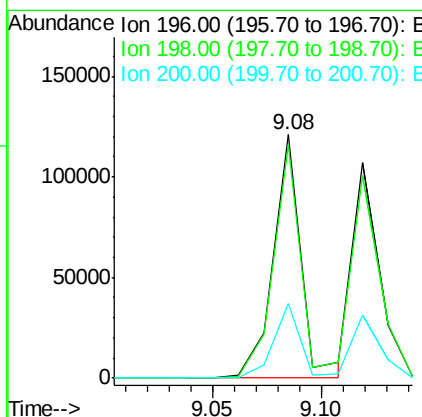
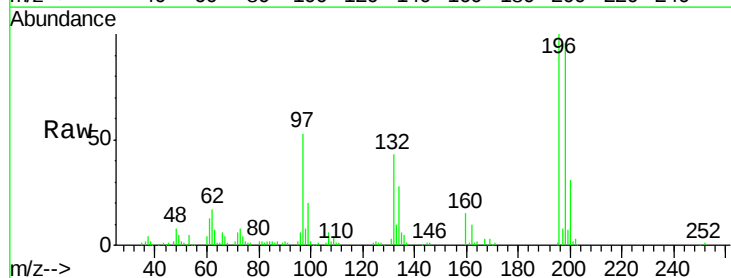
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#42
 2,4,6-Trichlorophenol
 Concen: 24.38 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

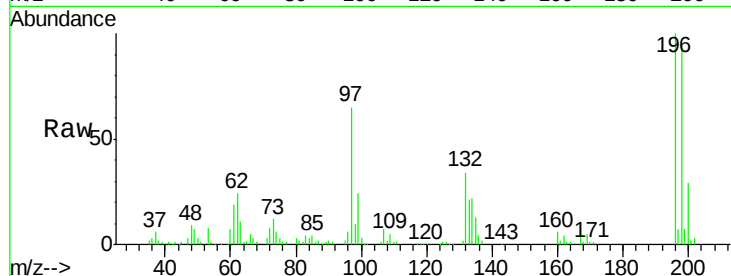
Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	95.6	78.0	117.0
200	30.6	25.4	38.2





#43
 2,4,5-Trichlorophenol
 Concen: 24.37 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

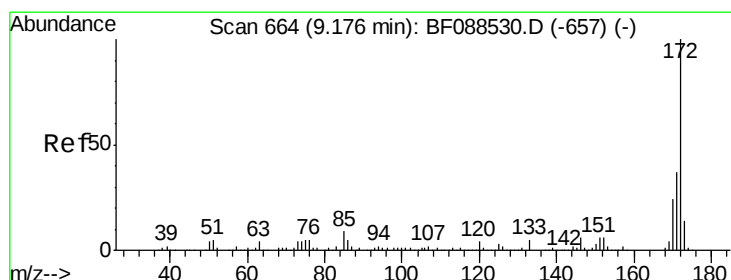
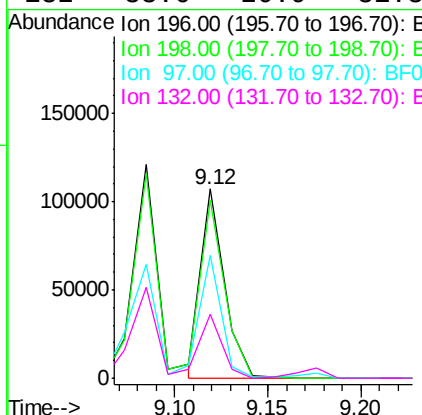
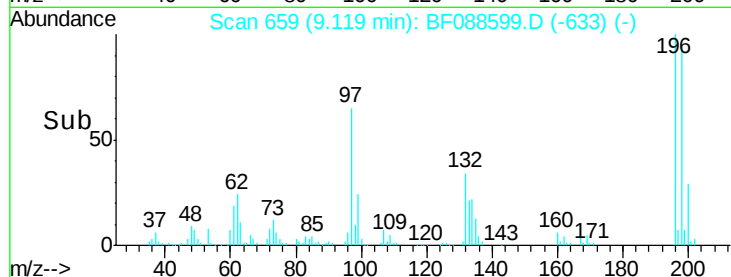
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD



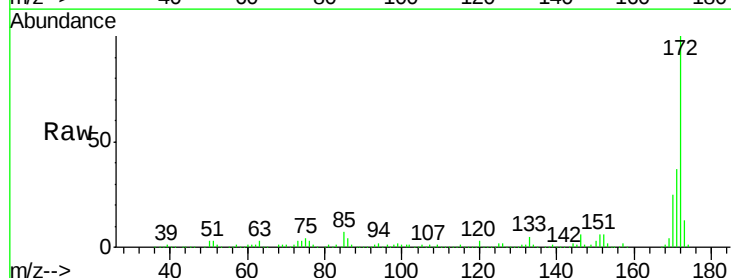
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	93031		
198	93.9	77.5	116.3	
97	64.7	32.0	48.0	
132	33.6	20.9	31.3	

Manual Integrations
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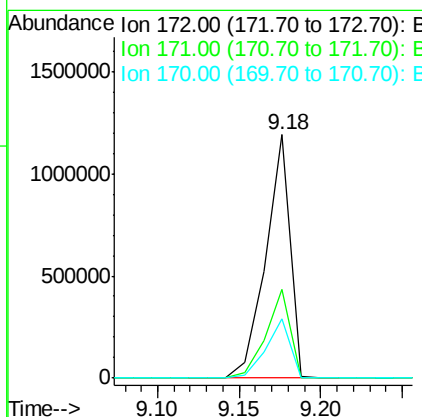
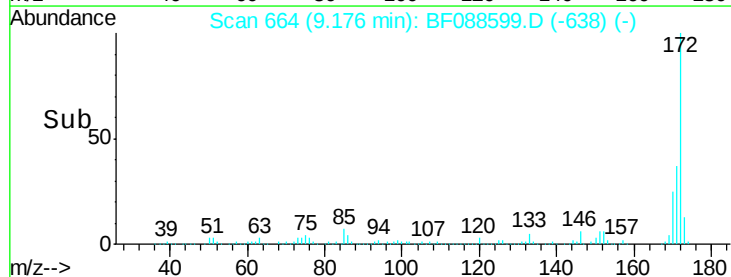
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#44
 2-Fluorobiphenyl
 Concen: 96.28 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1233322		
171	36.5	28.6	43.0	
170	24.6	19.2	28.8	





#45

1,1'-Biphenyl

Concen: 23.13 ng

RT: 9.27 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

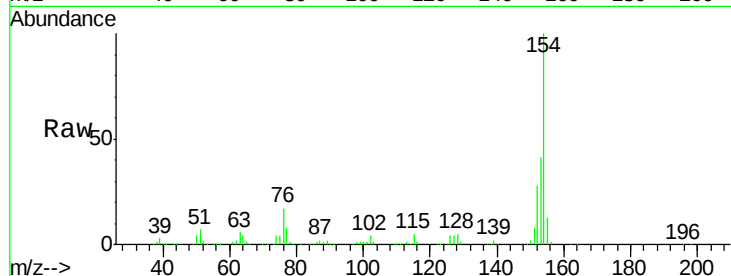
ClientSampleId :

SB-04-COMPMSD

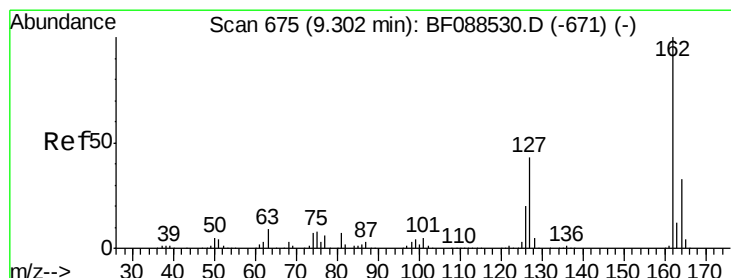
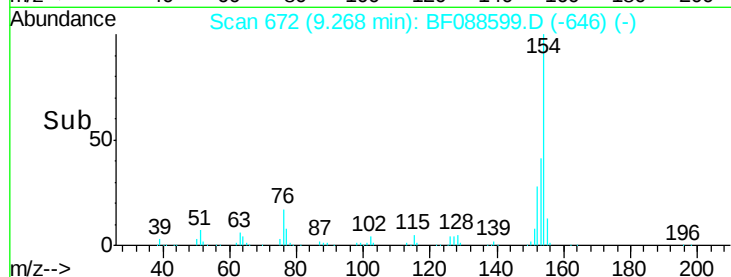
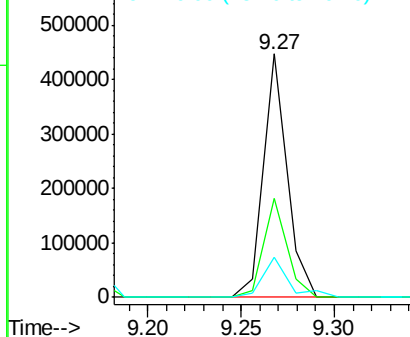
Tgt Ion:	154	Resp:	387529
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.6	60.6
76	16.6	0.0	35.1

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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: 22.60 ng

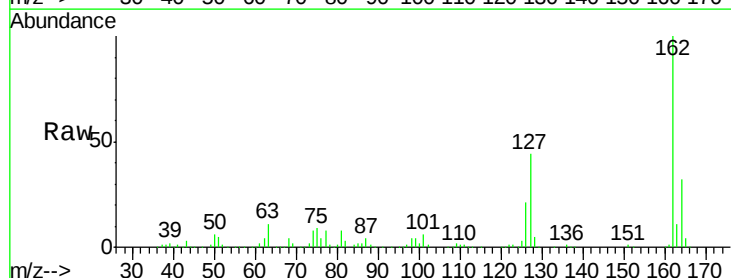
RT: 9.29 min Scan# 674

Delta R.T. 0.00 min

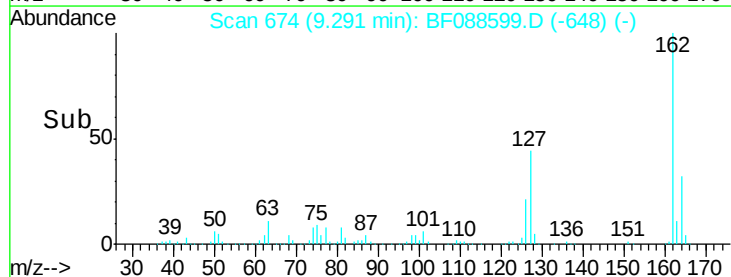
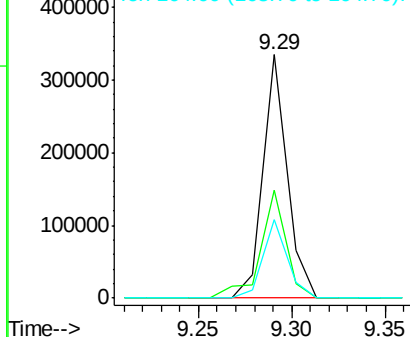
Lab File: BF088599.D

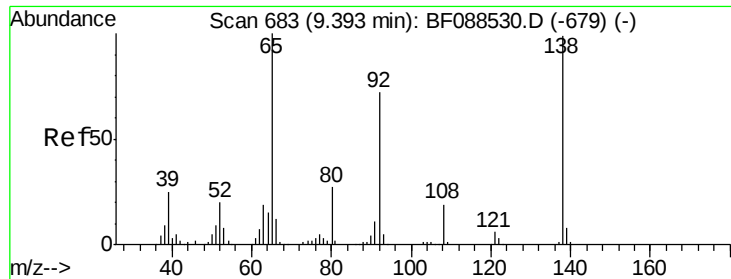
Acq: 2 Jul 2016 3:33

Tgt Ion:	162	Resp:	297321
Ion Ratio	Lower	Upper	
162	100		
127	44.4	35.2	52.8
164	32.2	26.6	39.8



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: 21.96 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

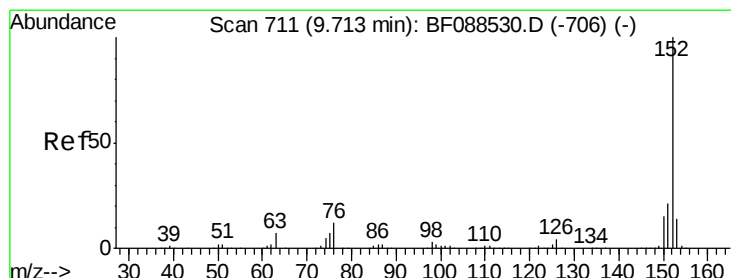
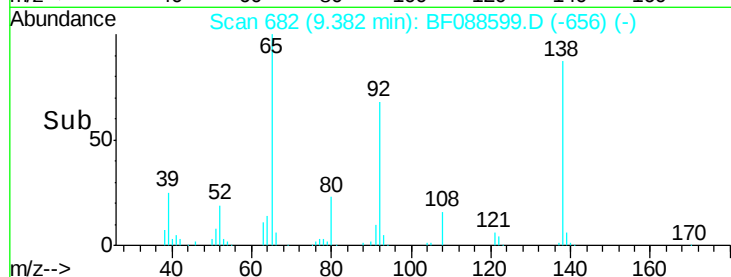
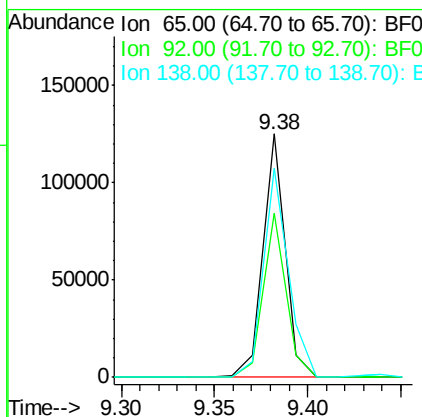
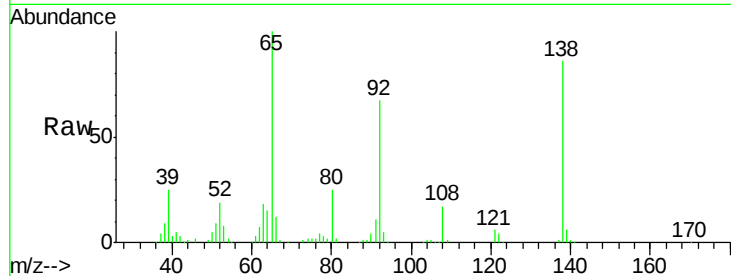
ClientSampleId :

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Tgt Ion:	65	Resp:	102531
Ion Ratio	Lower	Upper	
65	100		
92	67.5	54.6	82.0
138	86.0	77.0	115.4

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#48

Acenaphthylene

Concen: 21.82 ng

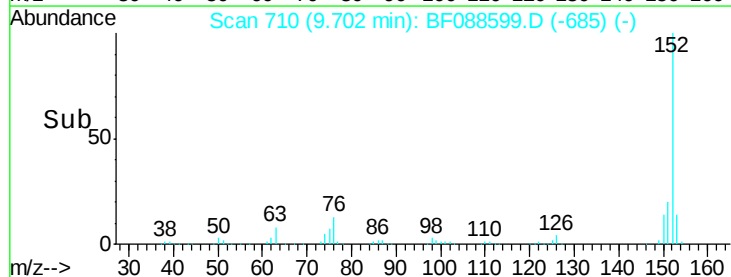
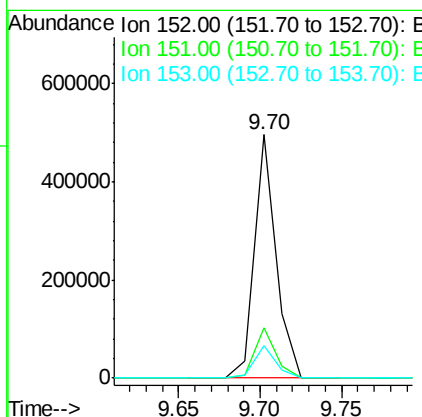
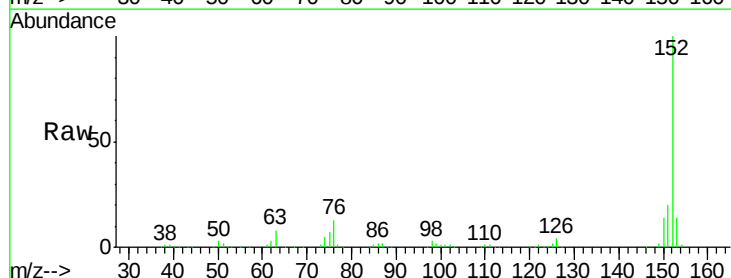
RT: 9.70 min Scan# 710

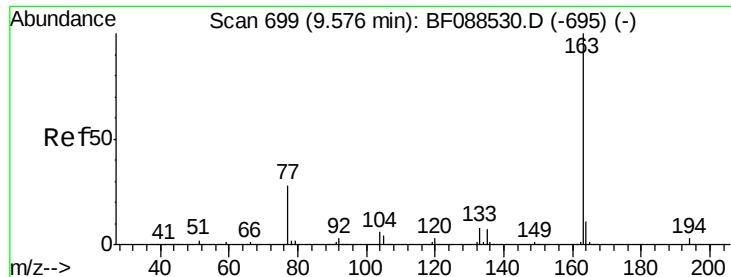
Delta R.T. -0.01 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Tgt Ion:	152	Resp:	456747
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.4
153	13.6	11.0	16.6





#49

Dimethylphthalate

Concen: 42.94 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

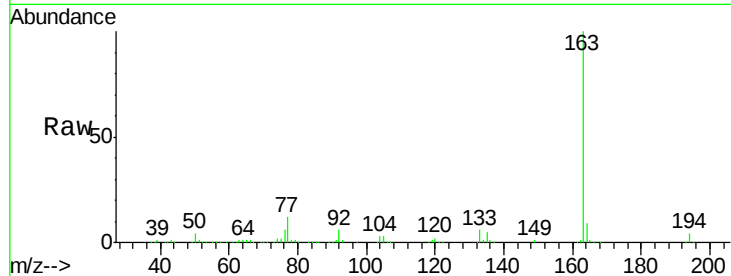
ClientSampleId :

SB-04-COMPMSD

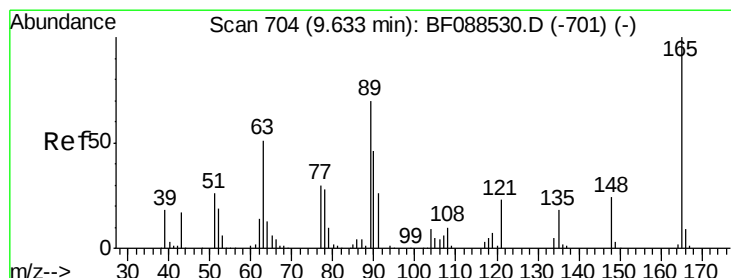
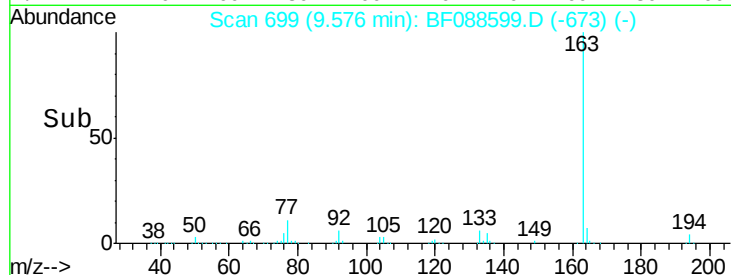
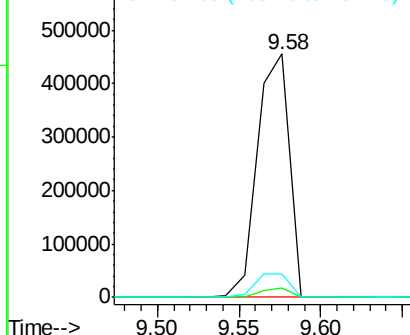
Tgt Ion:	163	Resp:	618968
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.8	4.2
164	9.5	8.3	12.5

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



#50

2,6-Dinitrotoluene

Concen: 23.71 ng

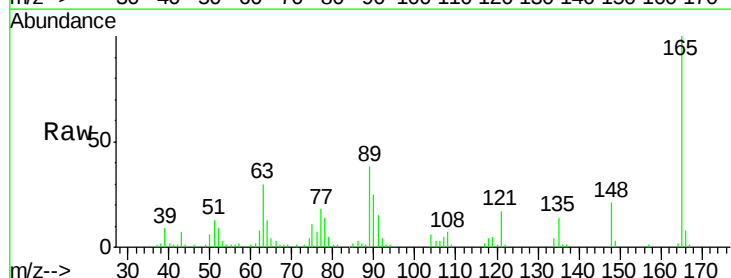
RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

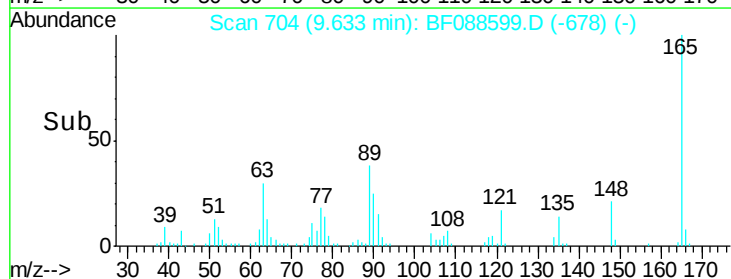
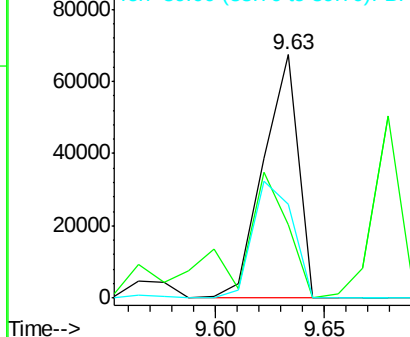
Lab File: BF088599.D

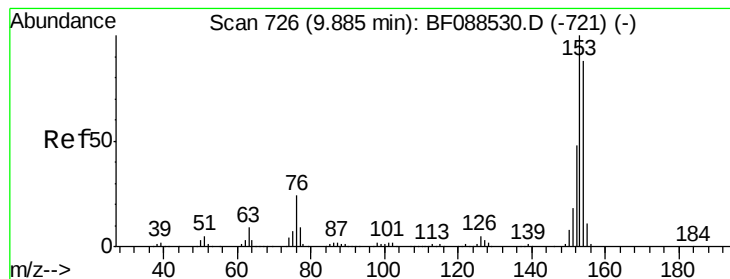
Acq: 2 Jul 2016 3:33

Tgt Ion:	165	Resp:	75768
Ion Ratio	Lower	Upper	
165	100		
63	30.2	28.1	42.1
89	38.3	32.2	48.2



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





#51

Acenaphthene

Concen: 21.04 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

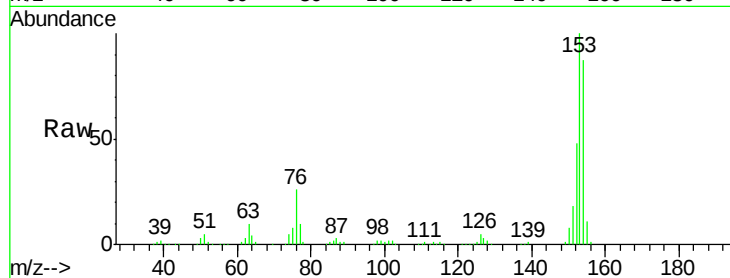
ClientSampleId :

SB-04-COMPMSD

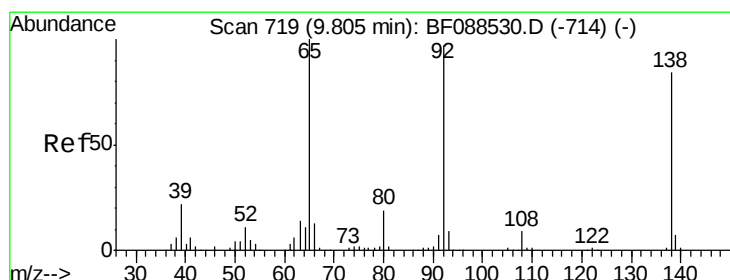
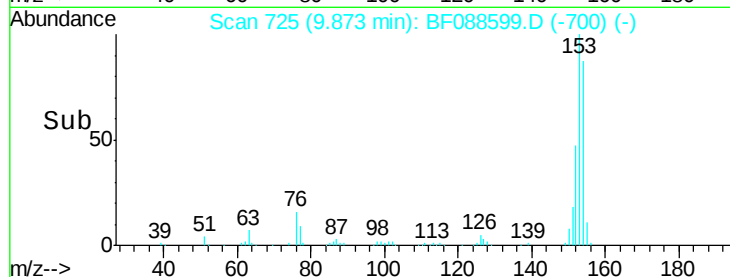
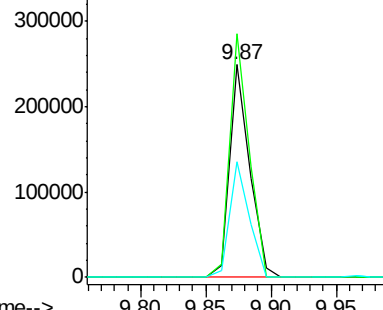
Tgt Ion:	154	Resp:	269923
Ion Ratio	Lower	Upper	
154	100		
153	114.5	89.5	134.3
152	54.5	42.7	64.1

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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: 21.57 ng

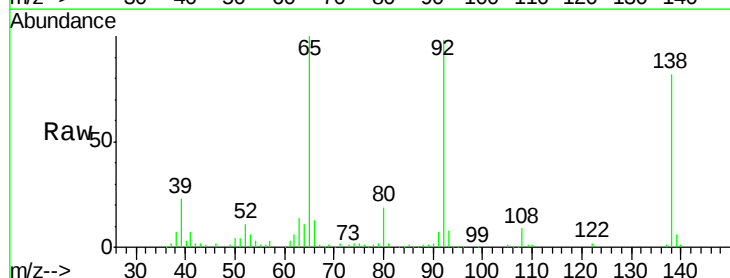
RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

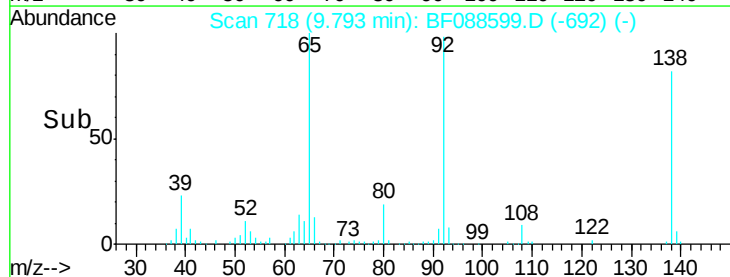
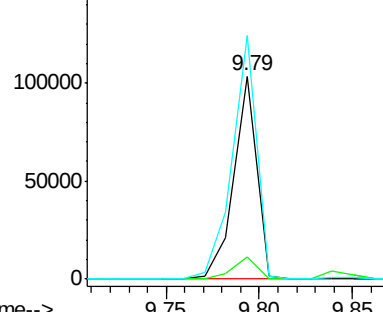
Lab File: BF088599.D

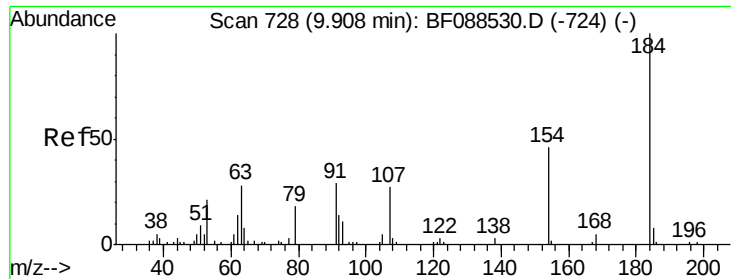
Acq: 2 Jul 2016 3:33

Tgt Ion:	138	Resp:	87617
Ion Ratio	Lower	Upper	
138	100		
108	11.0	8.5	12.7
92	120.1	95.7	143.5



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





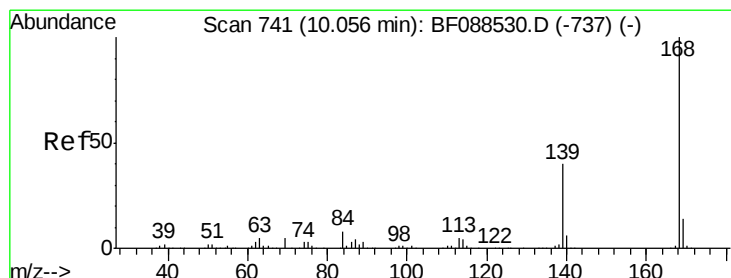
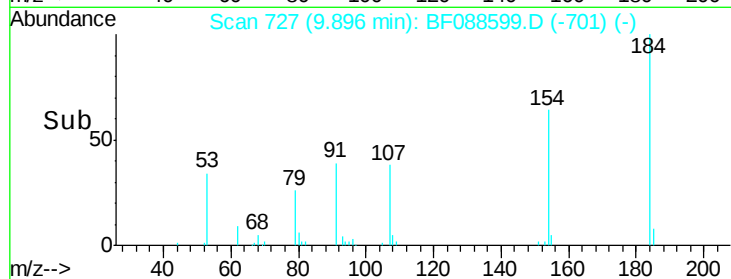
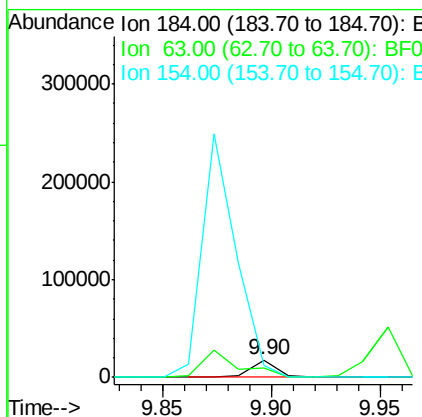
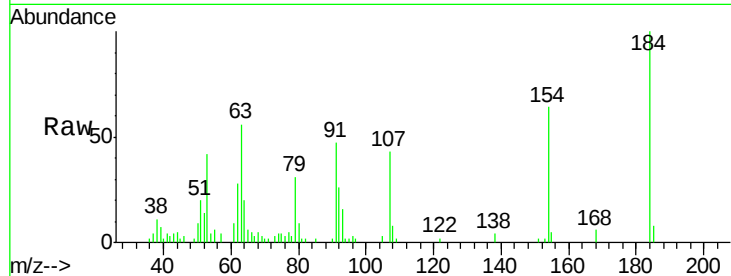
#53
2,4-Dinitrophenol
Concen: 10.37 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	14623		
63	56.4	57.6	86.4#	
154	64.1	53.5	80.3	

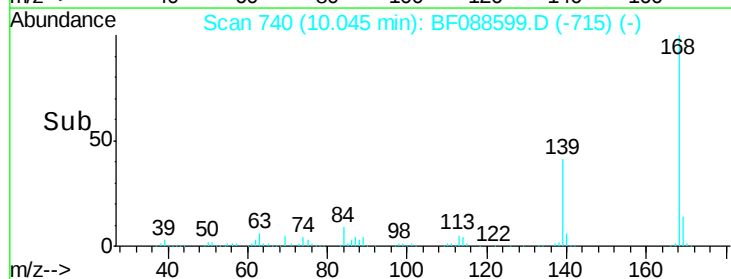
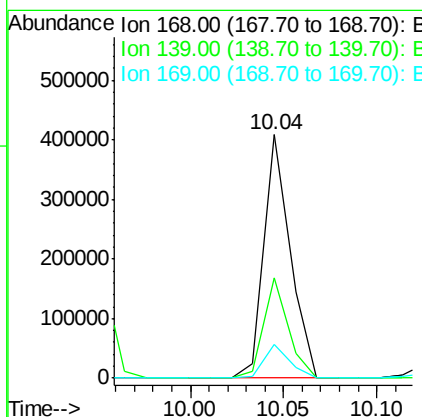
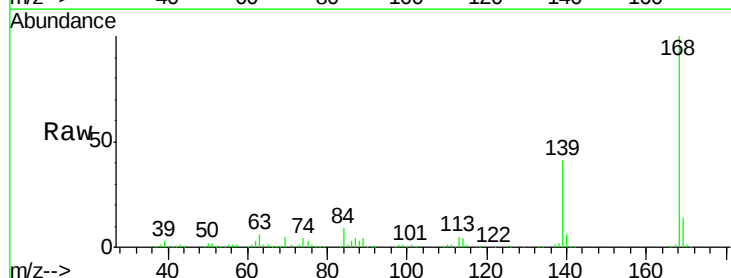
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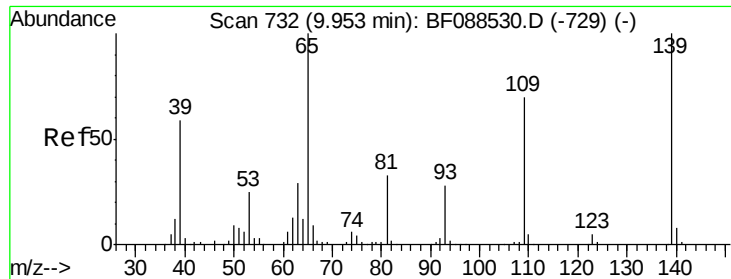
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#54
Dibenzofuran
Concen: 23.62 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	396675		
139	41.3	26.4	39.6#	
169	14.1	10.4	15.6	





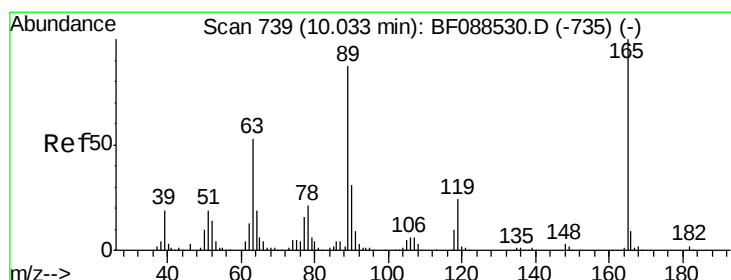
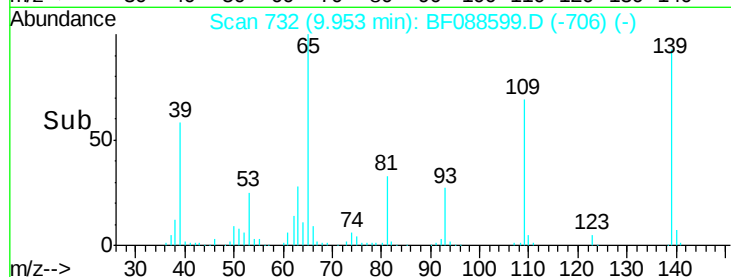
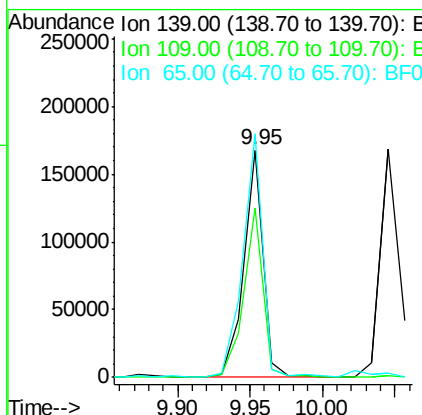
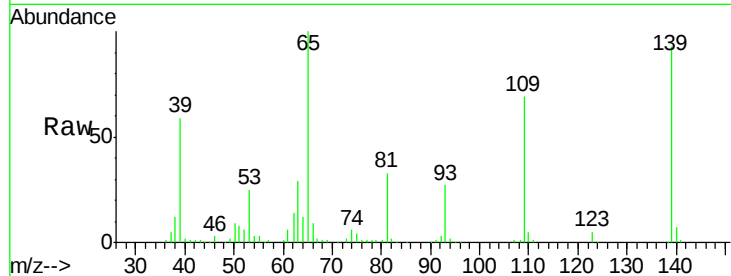
#55
4-Nitrophenol
Concen: 50.59 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	156151		
109	74.2	48.9	88.9	
65	107.0	84.9	124.9	

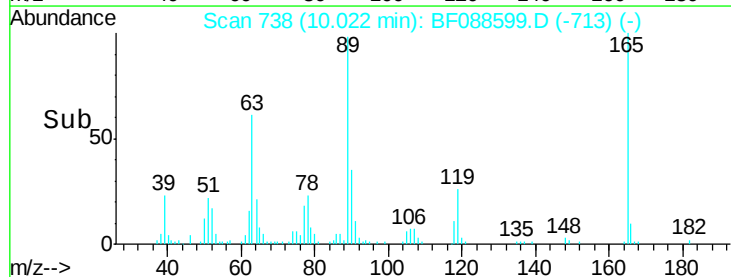
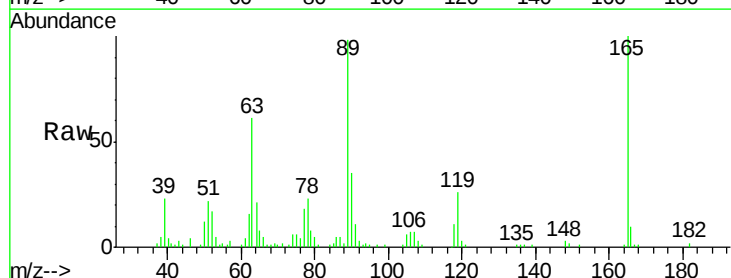
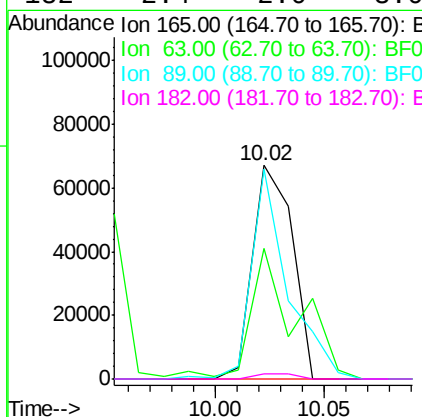
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#56
2,4-Dinitrotoluene
Concen: 20.50 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	85656		
63	61.0	22.0	33.0#	
89	98.5	41.1	61.7#	
182	2.4	2.0	3.0	





#57

Fluorene

Concen: 22.22 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

Tgt Ion:166 Resp: 287534
Ion Ratio Lower Upper

166 100

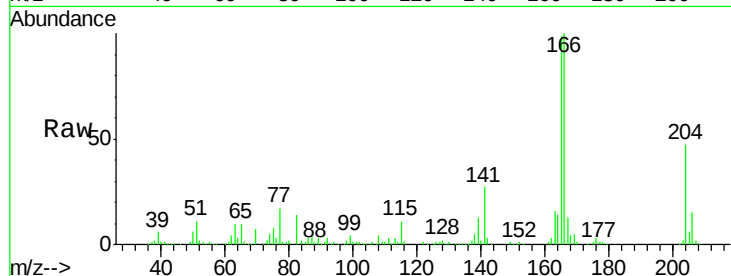
165 98.9 77.8 116.8

167 13.4 11.2 16.8

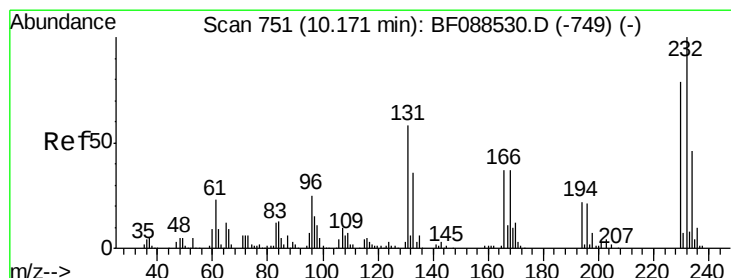
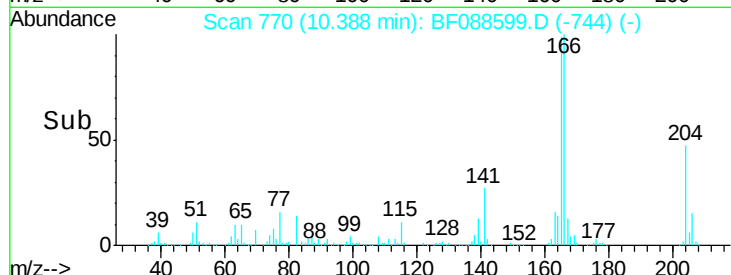
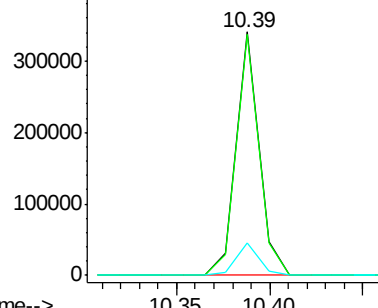
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.58 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Tgt Ion:232 Resp: 66711
Ion Ratio Lower Upper

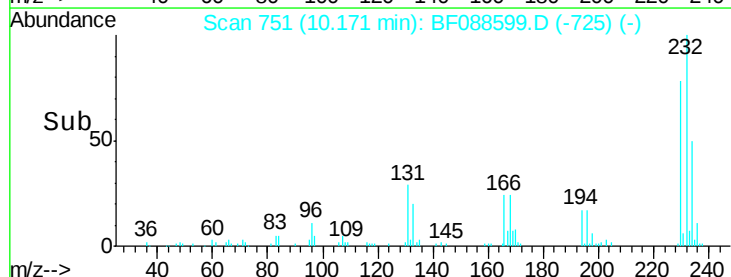
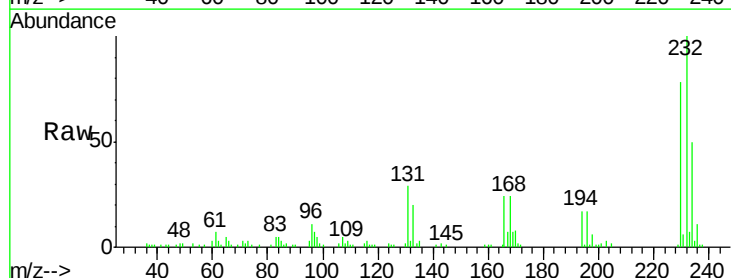
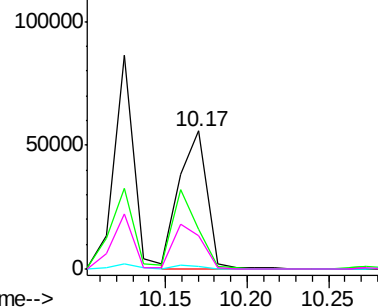
232 100

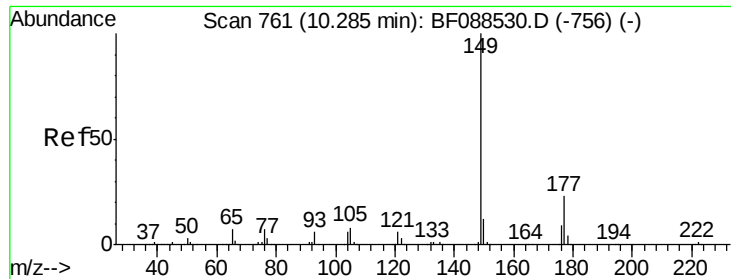
131 51.0 0.9 1.3#

130 2.7 1.5 2.3#

166 33.1 0.5 0.7#

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





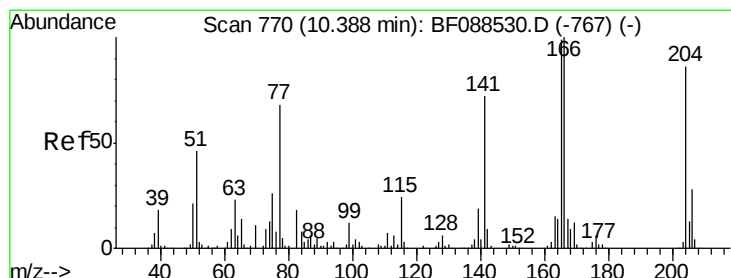
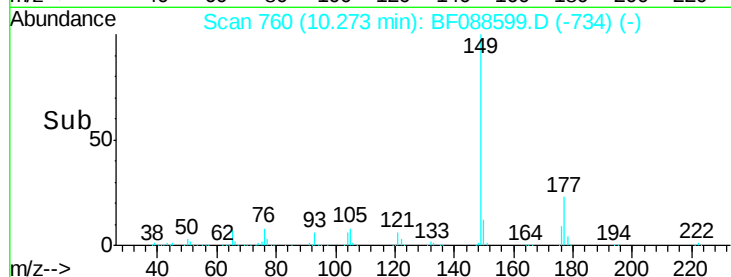
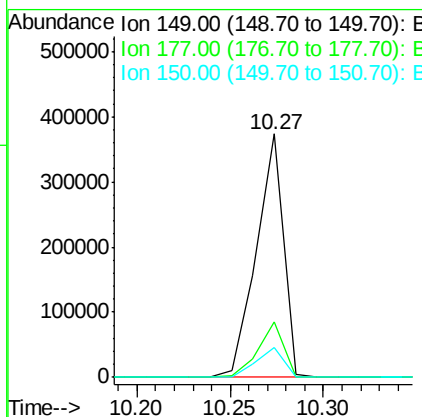
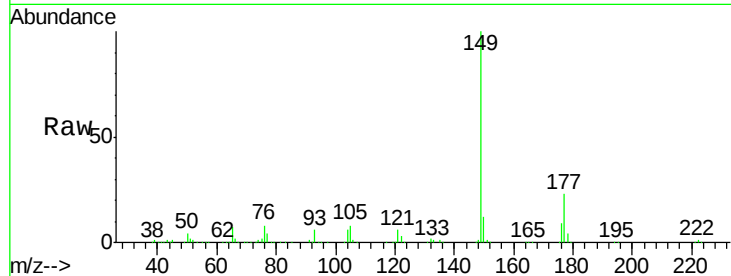
#59
Diethylphthalate
Concen: 25.74 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.8	16.9	25.3
150	12.1	10.1	15.1

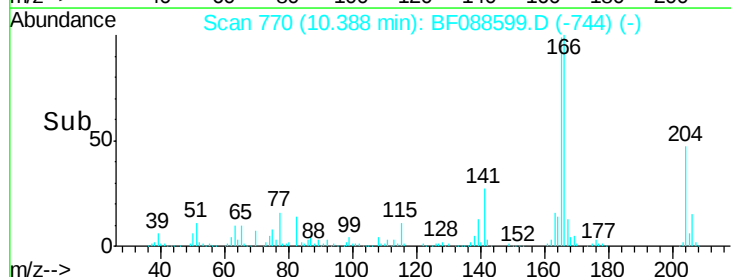
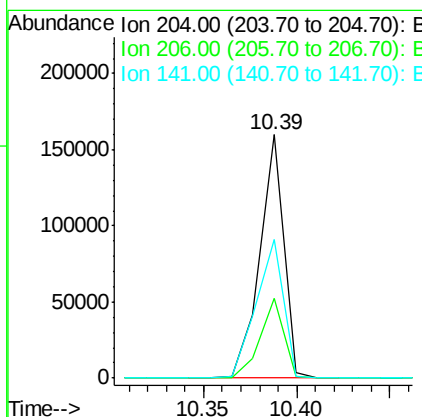
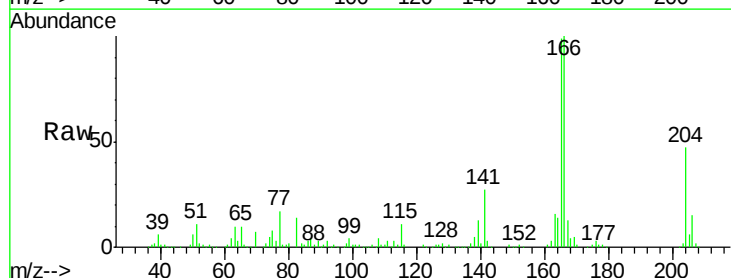
Manual Integrations
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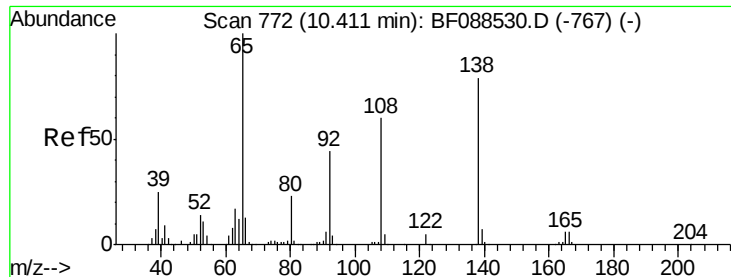
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 23.40 ng
RT: 10.39 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.7	26.3	39.5
141	56.9	55.0	82.6





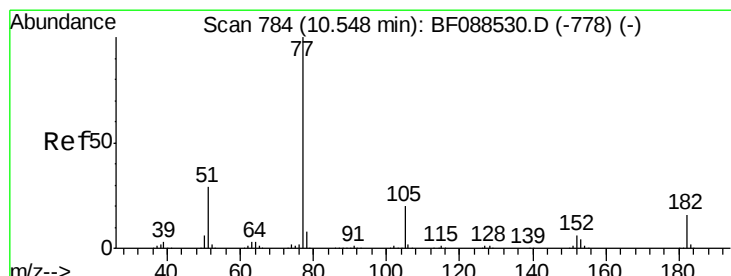
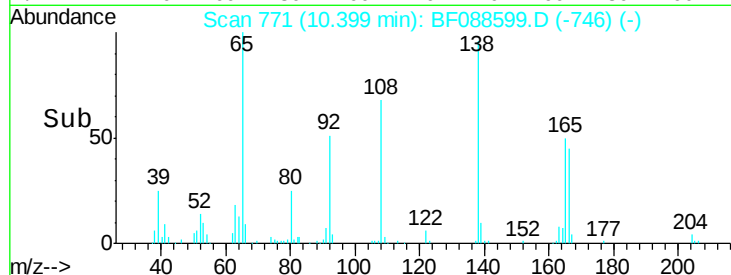
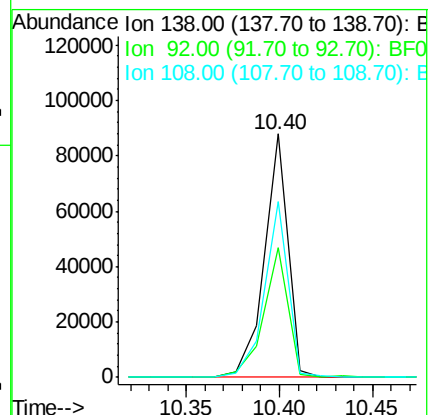
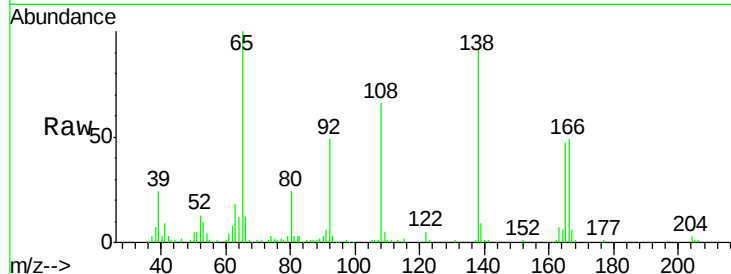
#61
4-Nitroaniline
Concen: 19.47 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.4	27.3	67.3
108	72.1	46.7	86.7

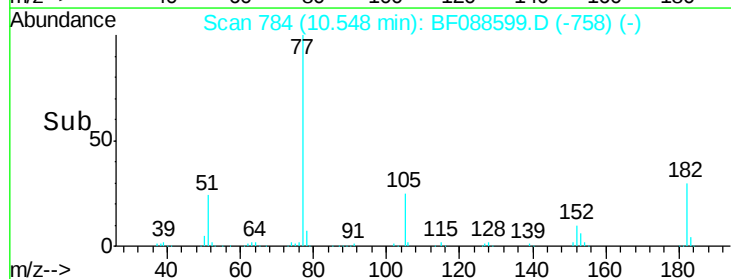
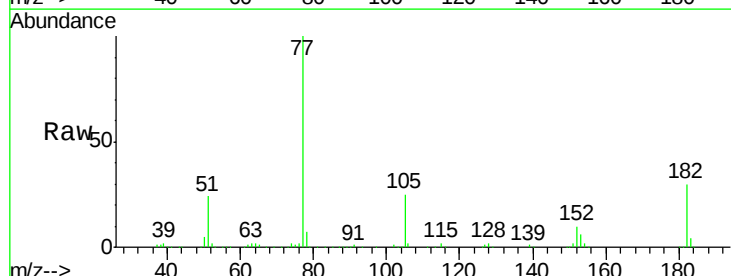
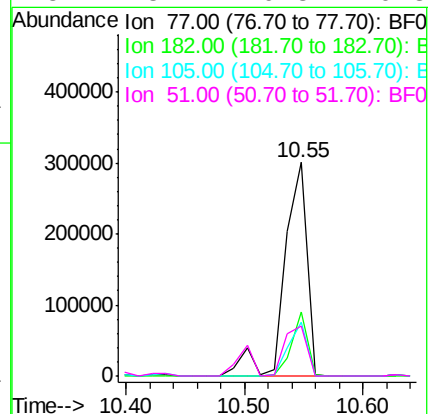
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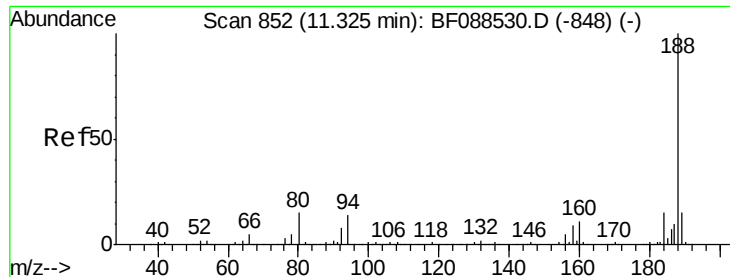
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#62
Azobenzene
Concen: 23.68 ng
RT: 10.55 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.1	4.4	44.4
105	25.0	3.8	43.8
51	23.7	9.3	49.3





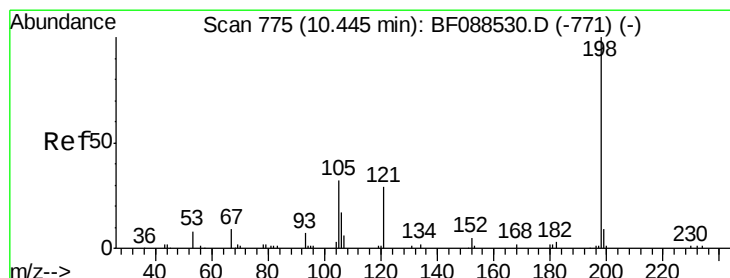
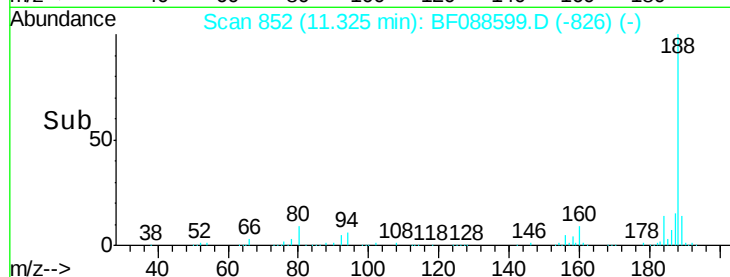
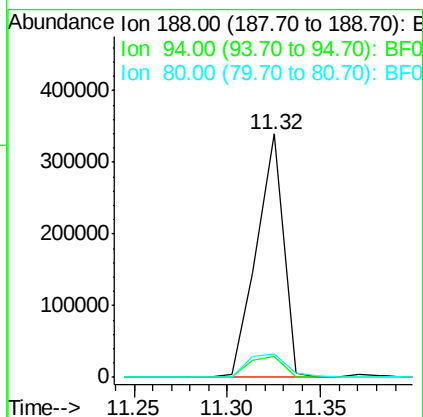
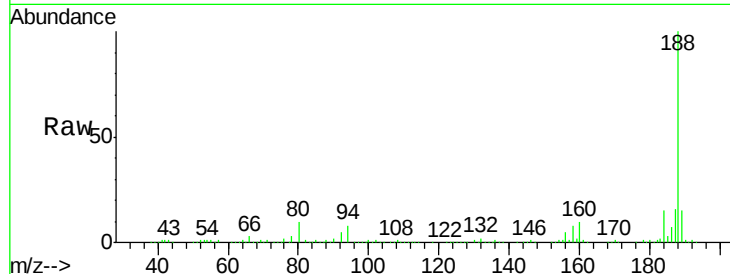
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.4	9.0	13.6#
80	9.7	10.0	15.0#

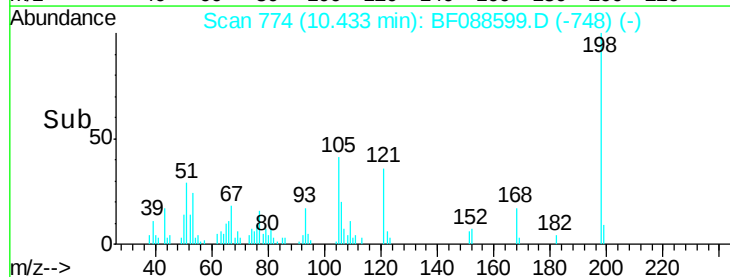
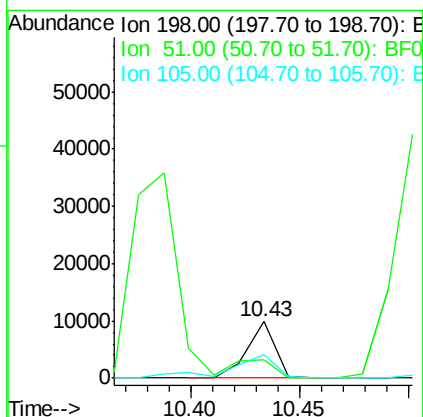
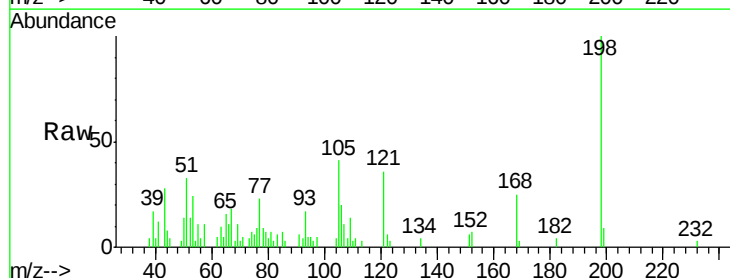
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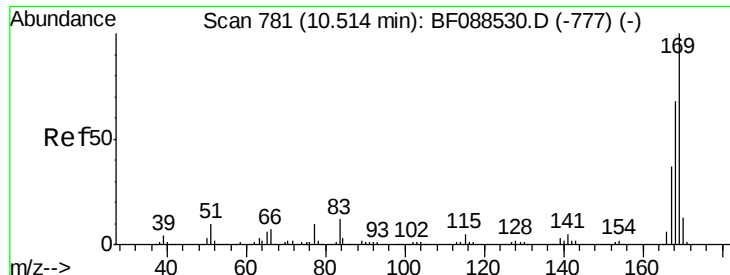
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#64
4,6-Dinitro-2-methylphenol
Concen: 4.79 ng
RT: 10.43 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	32.7	39.6	79.6#
105	40.6	36.6	76.6





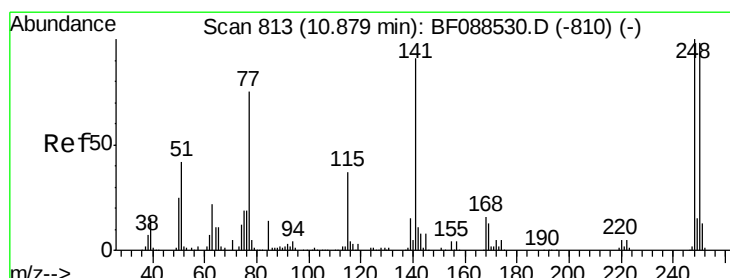
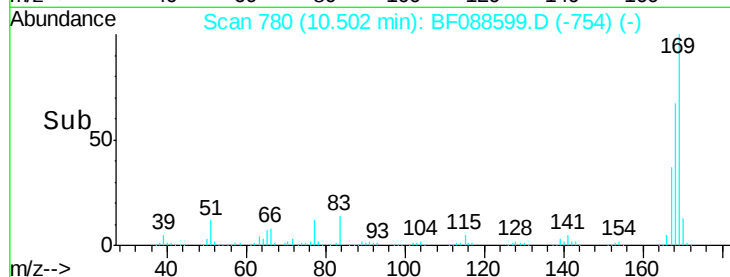
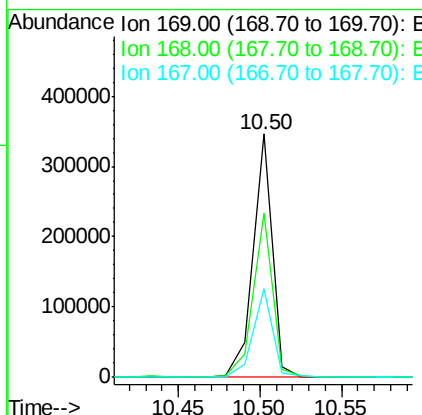
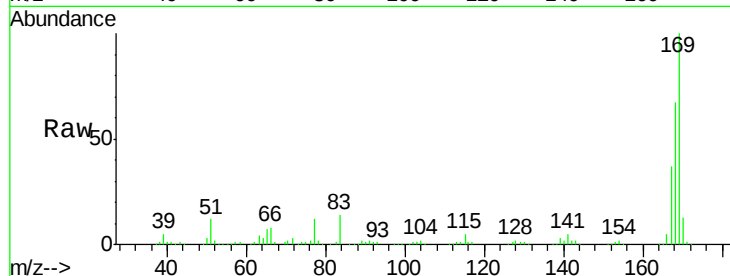
#65
n-Nitrosodiphenylamine
Concen: 24.84 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	285433		
168	67.3	53.4	80.0	
167	36.7	29.4	44.0	

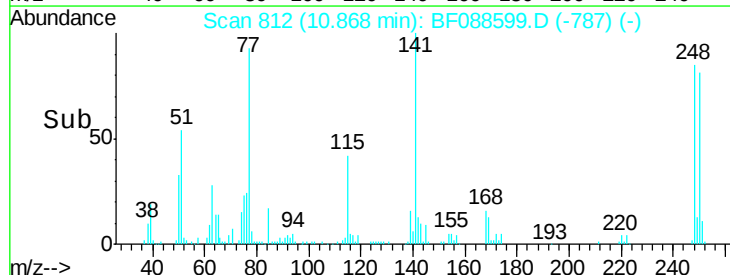
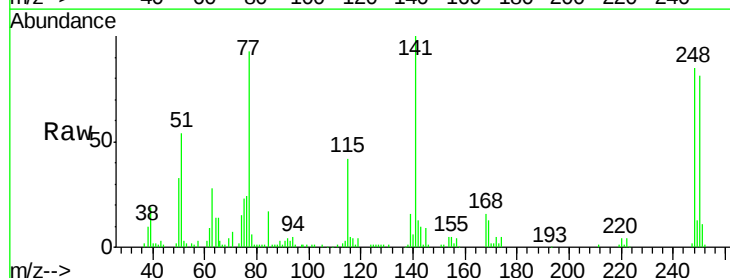
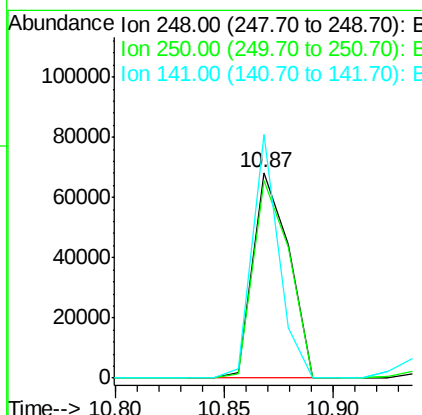
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#66
4-Bromophenyl-phenylether
Concen: 22.96 ng
RT: 10.87 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	78553		
250	95.7	77.1	115.7	
141	118.3	50.6	76.0	





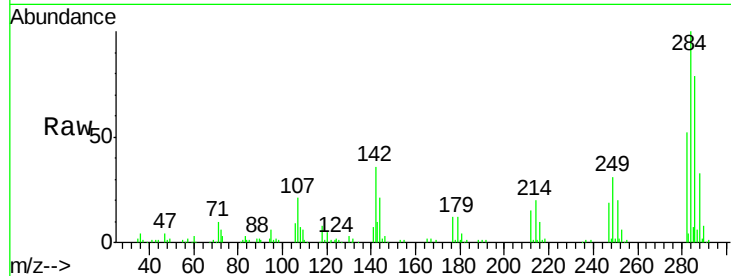
#67
Hexachlorobenzene
Concen: 21.65 ng
RT: 10.94 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

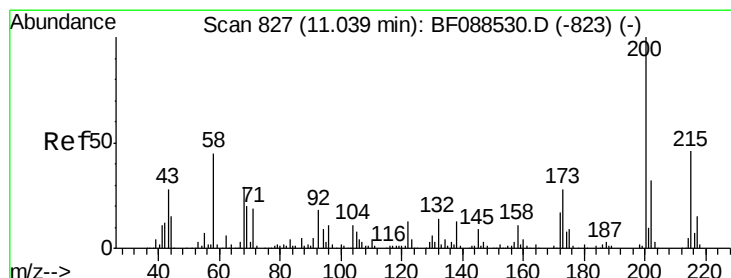
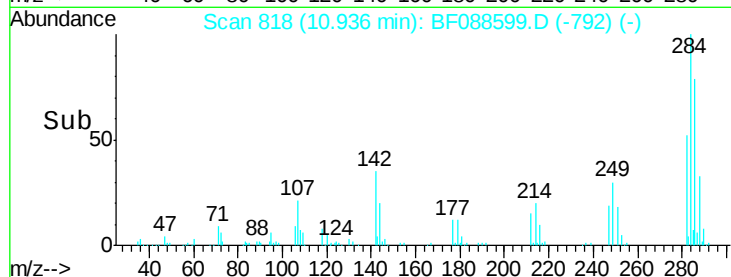
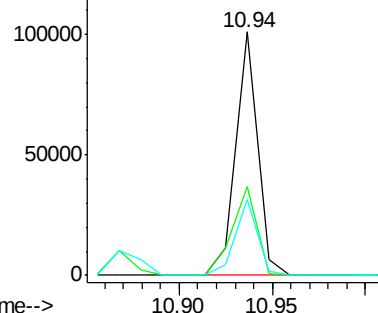
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	81992		
142	36.2	35.8	53.8	
249	31.0	25.8	38.6	

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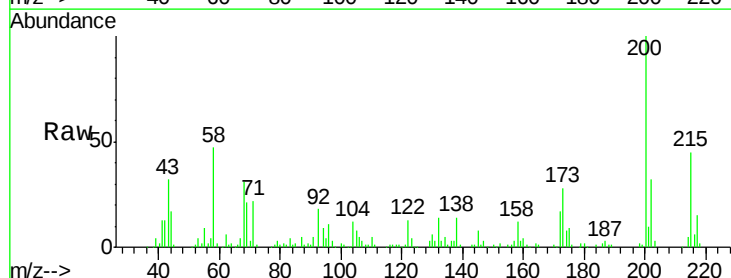


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

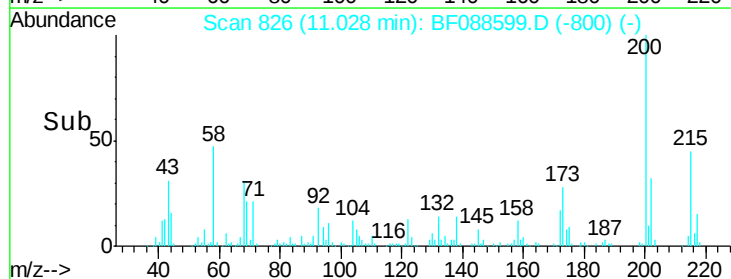
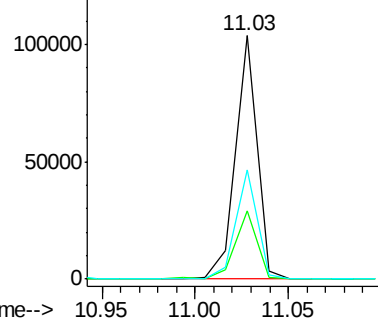


#68
Atrazine
Concen: 22.98 ng
RT: 11.03 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	82284		
173	28.1	4.0	44.0	
215	44.9	29.3	69.3	



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





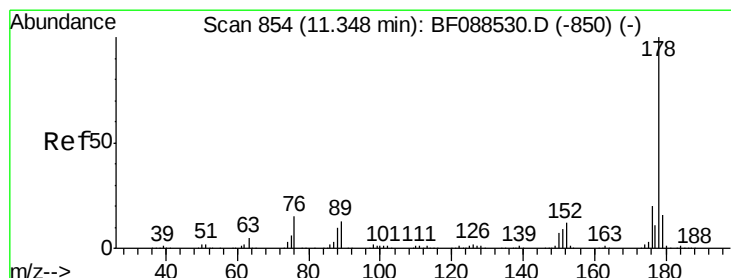
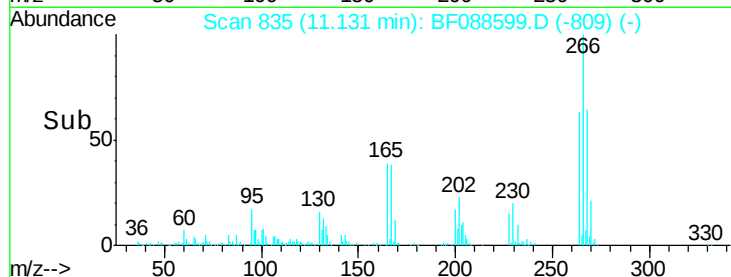
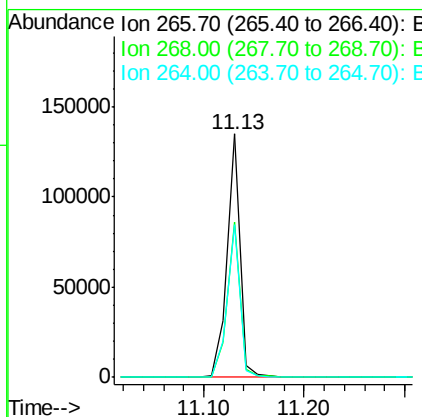
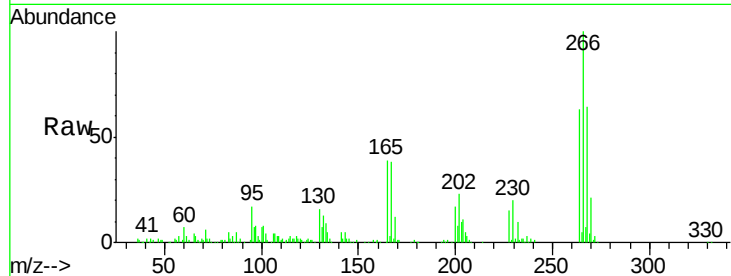
#69
 Pentachlorophenol
 Concen: 54.51 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	122170		
268	63.8	52.8	79.2	
264	62.8	49.6	74.4	

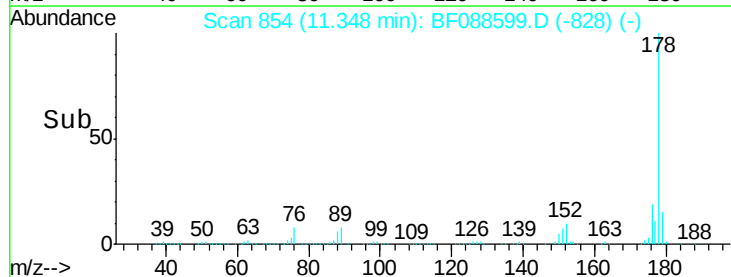
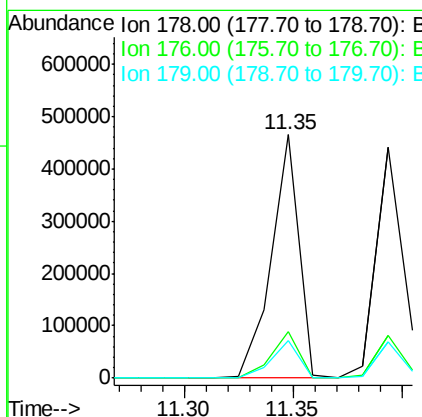
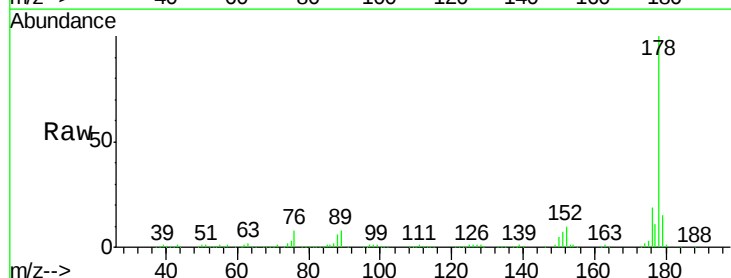
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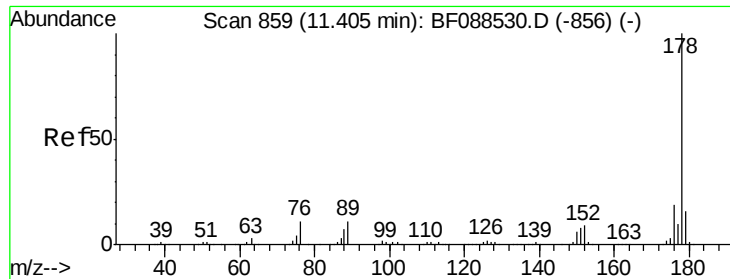
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#70
 Phenanthrene
 Concen: 22.39 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	415461		
176	18.9	15.8	23.6	
179	15.3	13.0	19.4	





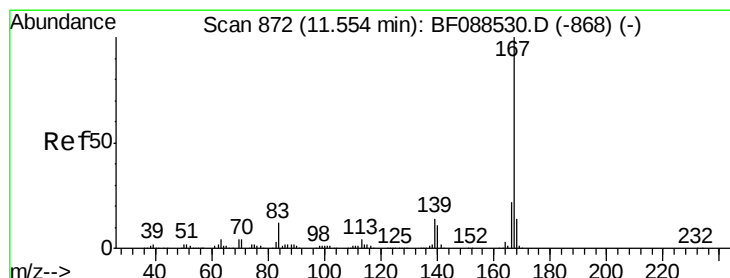
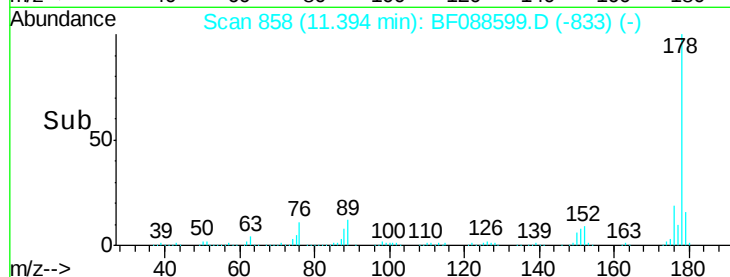
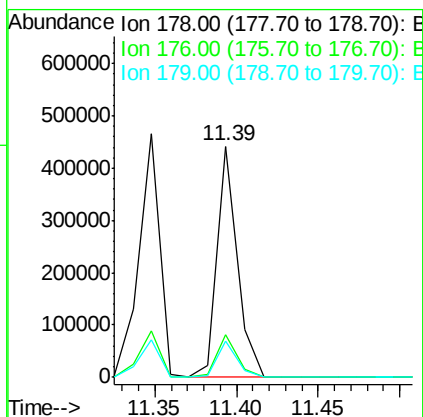
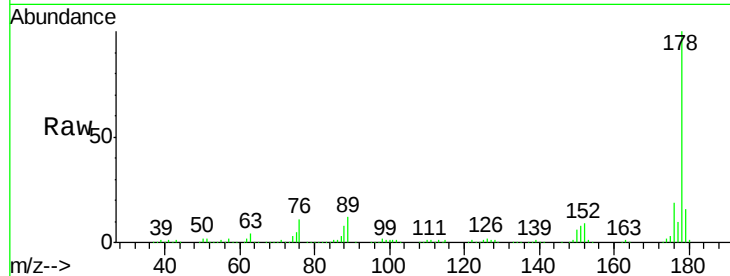
#71
 Anthracene
 Concen: 20.77 ng
 RT: 11.39 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	15.9	12.8	19.2

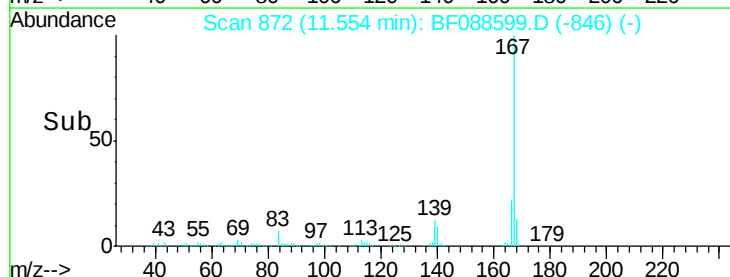
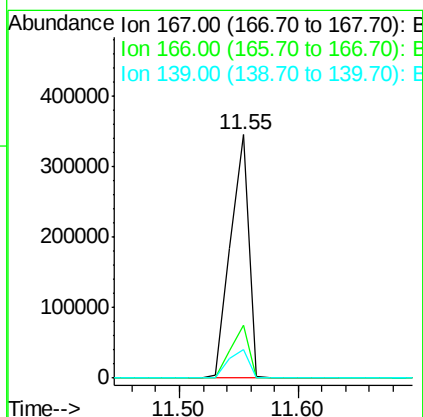
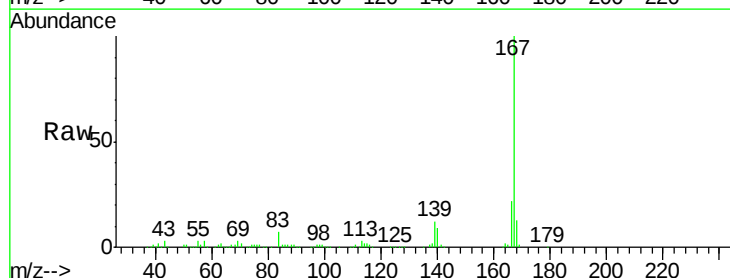
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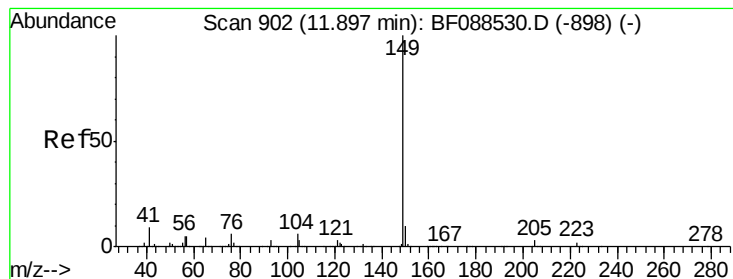
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#72
 Carbazole
 Concen: 21.25 ng
 RT: 11.55 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.6
139	11.9	11.2	16.8





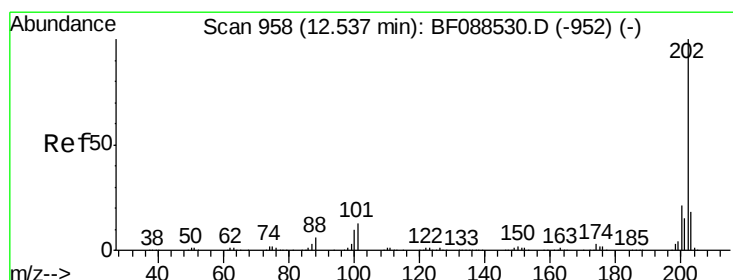
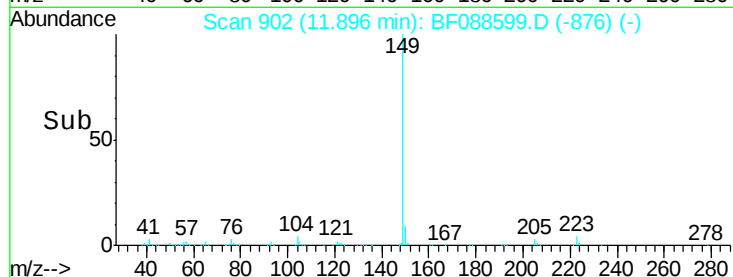
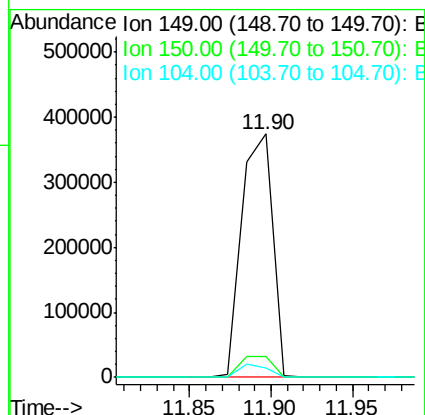
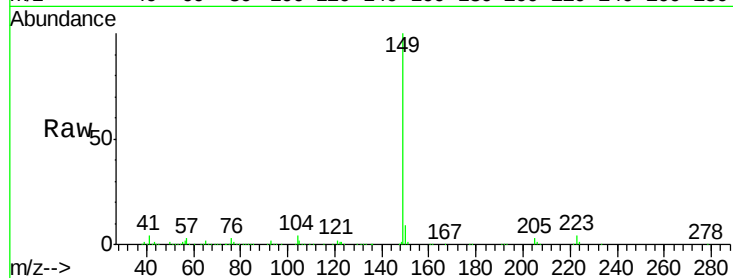
#73
Di-n-butylphthalate
Concen: 24.17 ng
RT: 11.90 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	8.5	7.8	11.6
104	3.8	4.0	6.0

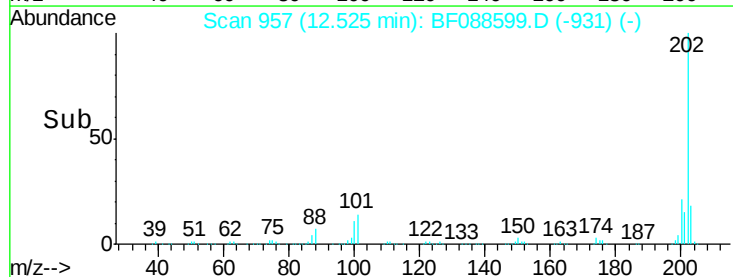
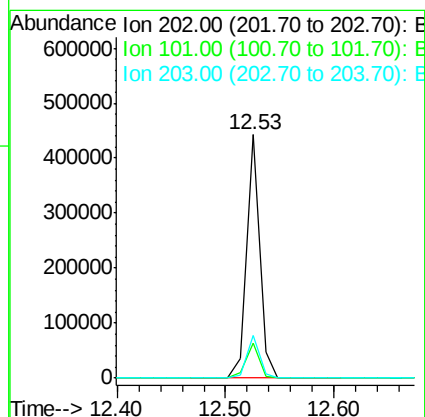
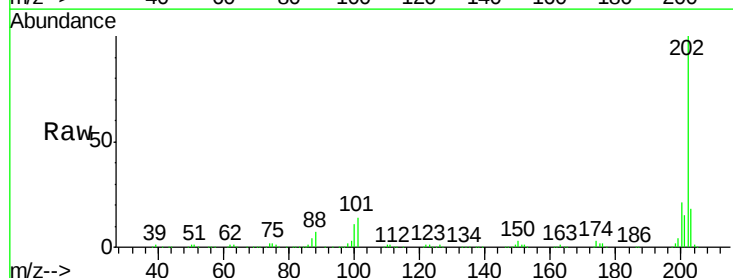
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#74
Fluoranthene
Concen: 19.22 ng
RT: 12.53 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.2	0.0	33.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

Tgt Ion:240 Resp: 225220
Ion Ratio Lower Upper

240 100

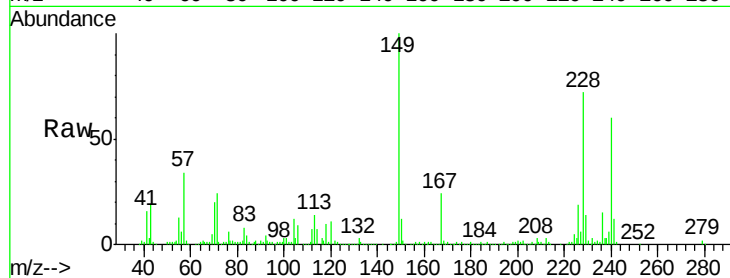
120 19.0 6.8 10.2#

236 25.1 20.2 30.2

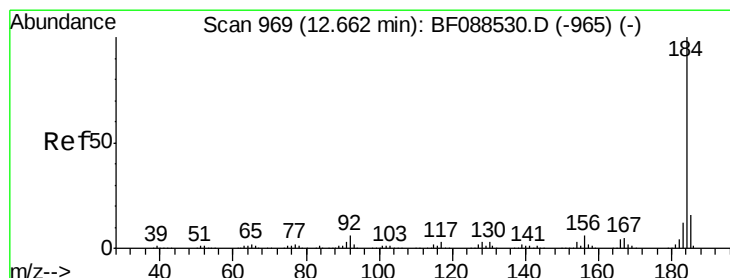
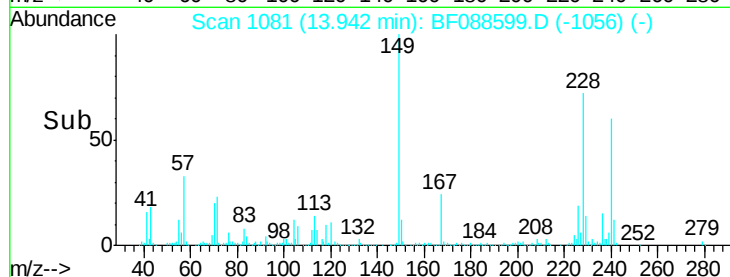
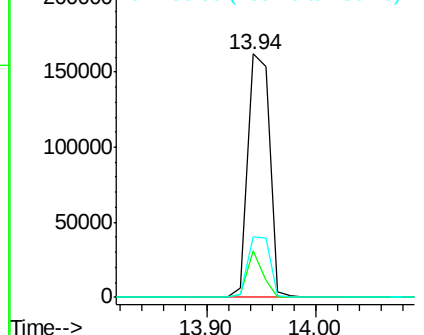
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.85 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF088599.D

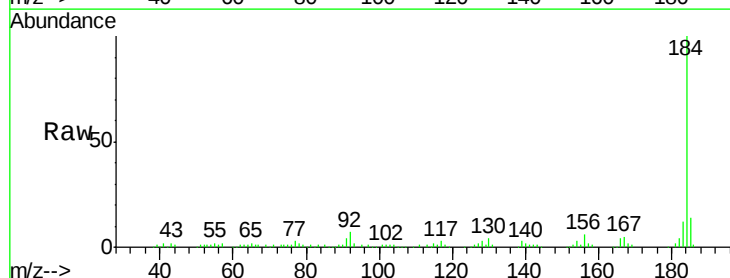
Acq: 2 Jul 2016 3:33

Tgt Ion:184 Resp: 100740
Ion Ratio Lower Upper

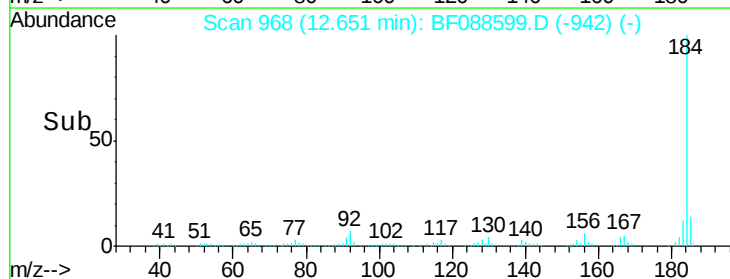
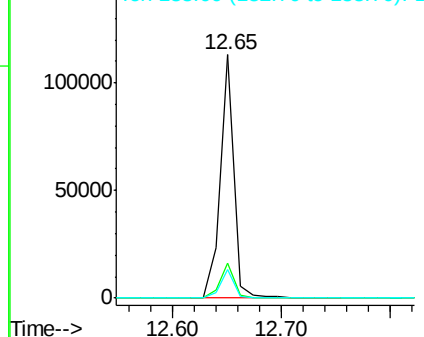
184 100

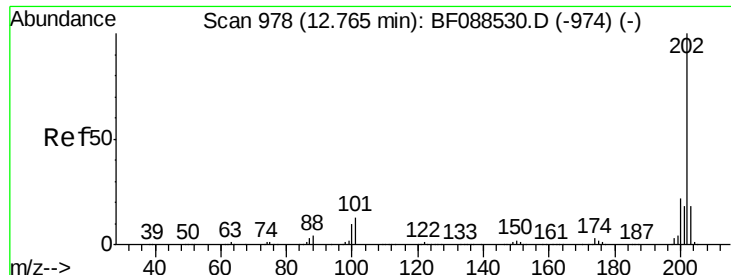
185 14.3 12.5 18.7

183 11.8 9.3 13.9



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





#77

Pyrene

Concen: 19.04 ng

RT: 12.75 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF088599.D

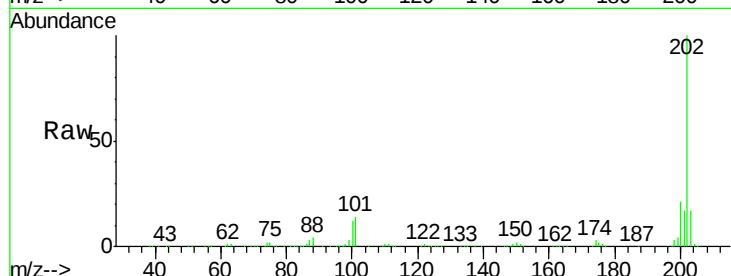
Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

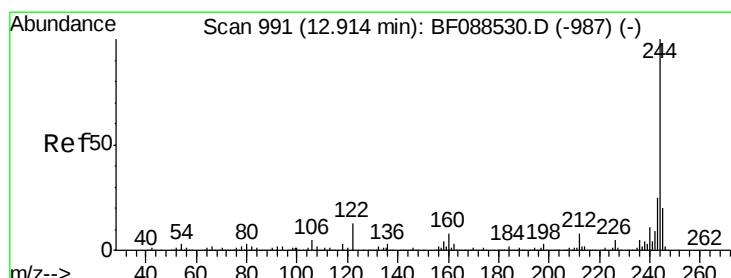
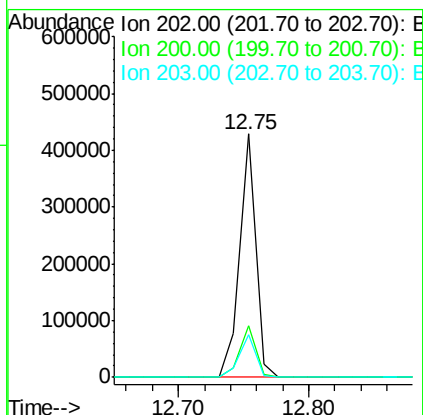
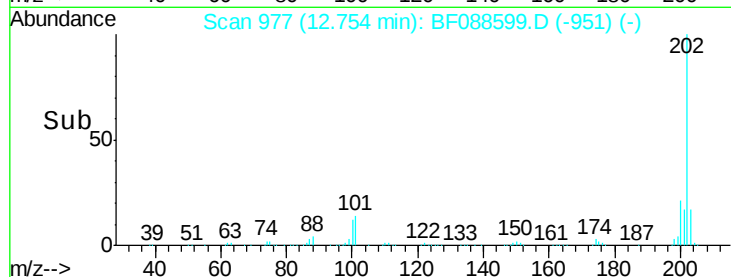
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Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.4	14.5	21.7

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#78

Terphenyl-d14

Concen: 72.31 ng

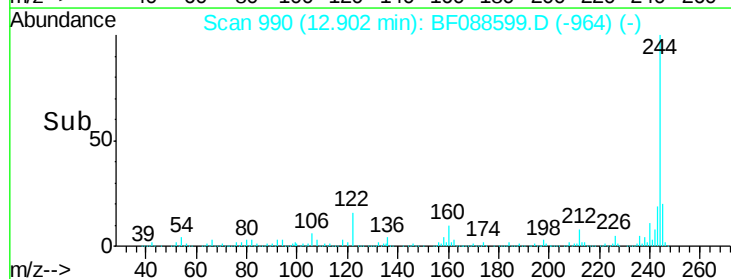
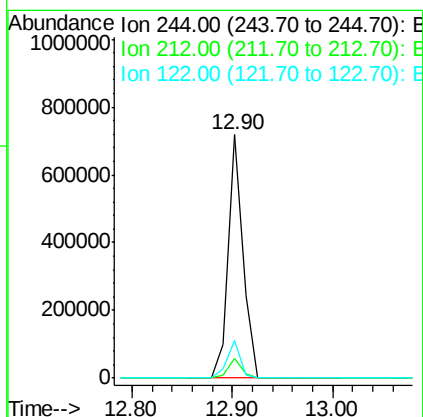
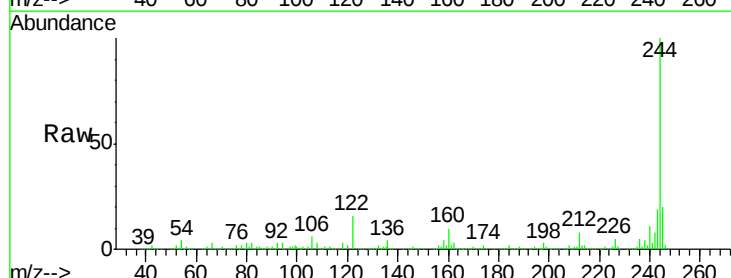
RT: 12.90 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	15.6	11.2	16.8





#79

Butylbenzylphthalate

Concen: 21.44 ng

RT: 13.38 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

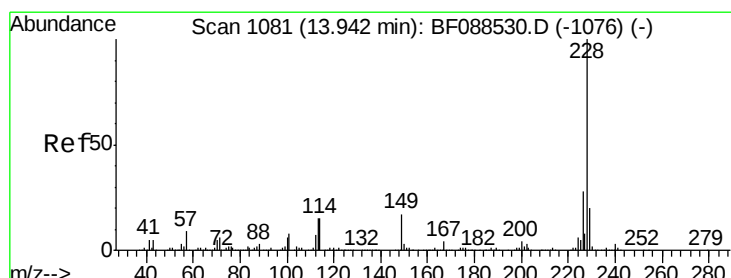
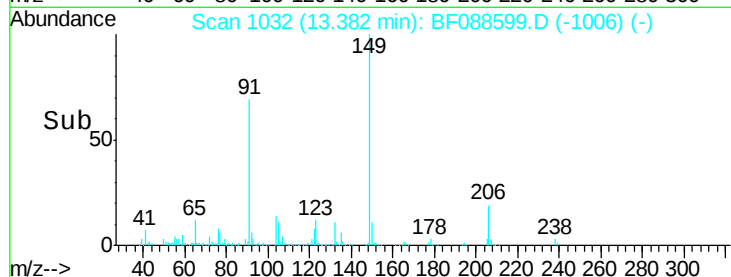
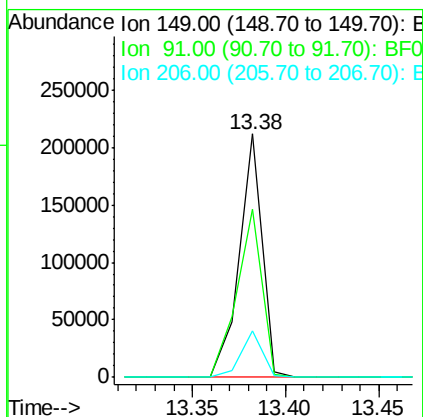
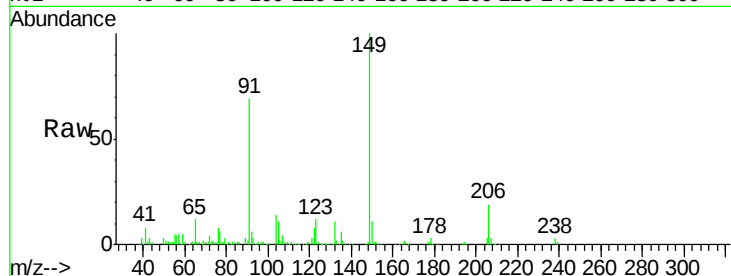
ClientSampleId :

SB-04-COMPMSD

Tgt Ion:	149	Resp:	182661
Ion Ratio	Lower	Upper	
149	100		
91	69.1	48.0	72.0
206	19.1	16.0	24.0

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#80

Benzo(a)anthracene

Concen: 20.46 ng

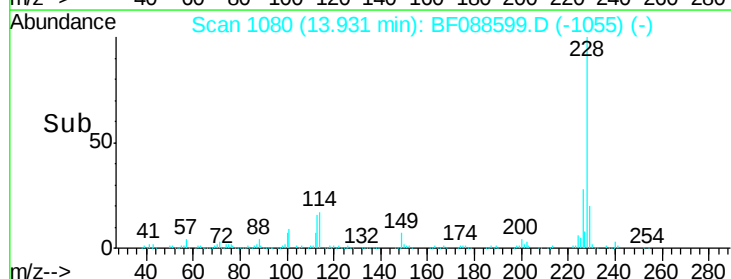
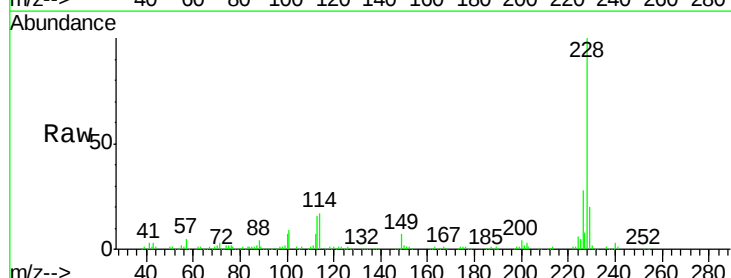
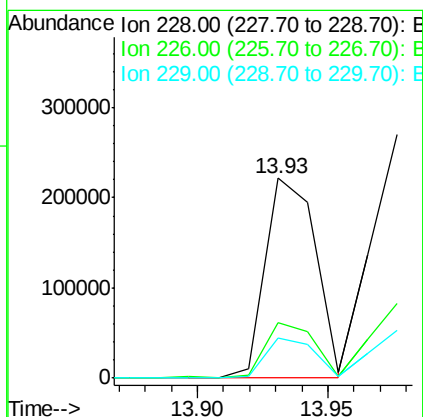
RT: 13.93 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Tgt Ion:	228	Resp:	296678
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.3	33.5
229	19.9	16.0	24.0





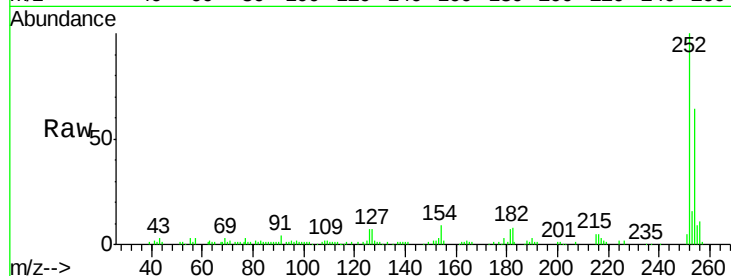
#81
 3,3'-Dichlorobenzidine
 Concen: 18.67 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

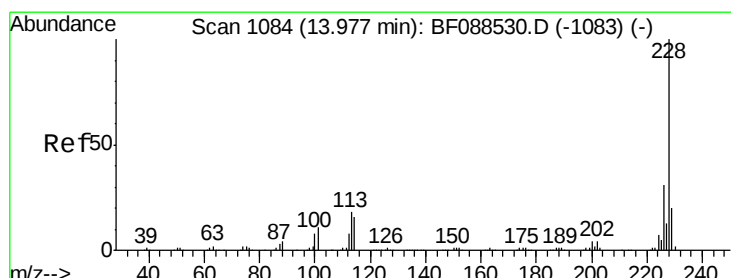
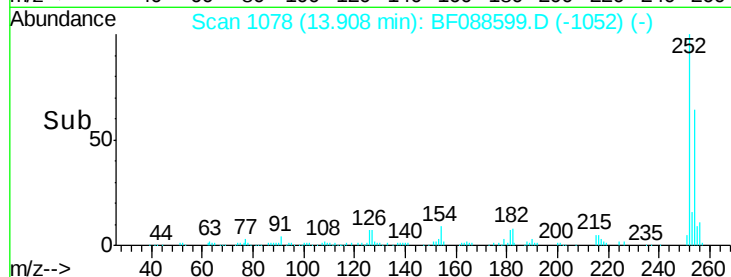
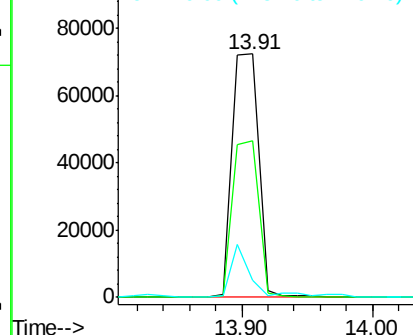
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.3	52.6	78.8
126	7.0	6.2	9.2

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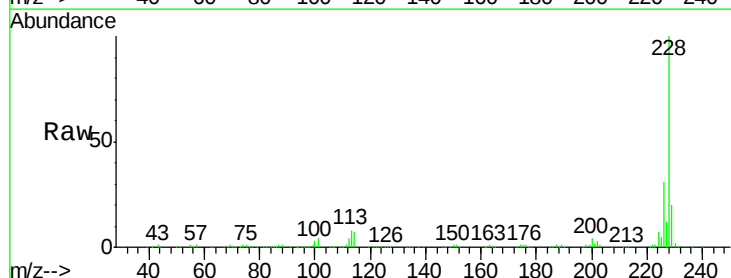


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

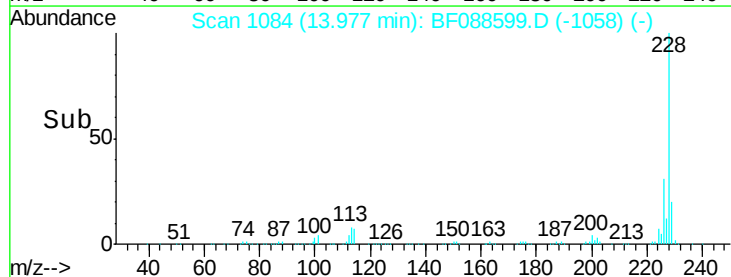
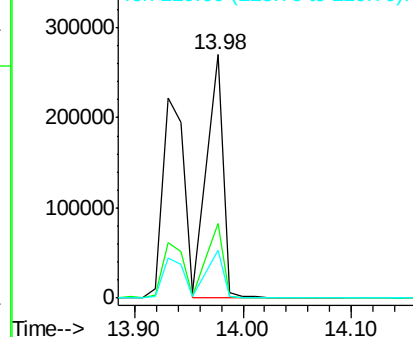


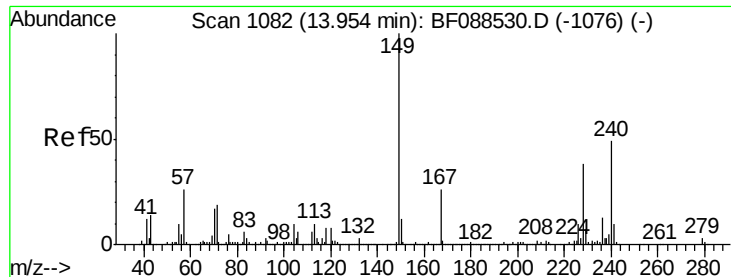
#82
 Chrysene
 Concen: 20.03 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF088599.D
 Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.7	25.4	38.2
229	19.8	16.3	24.5



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: 27.19 ng

RT: 13.94 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

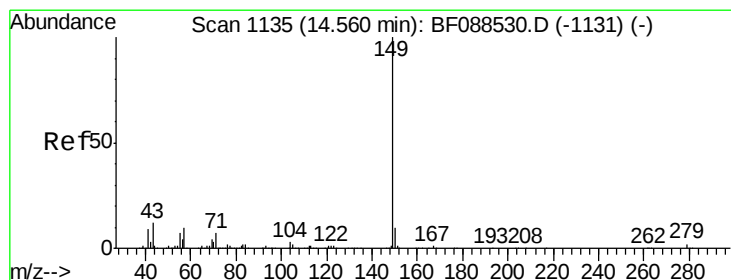
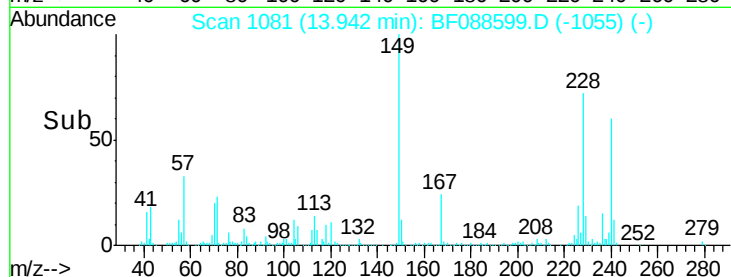
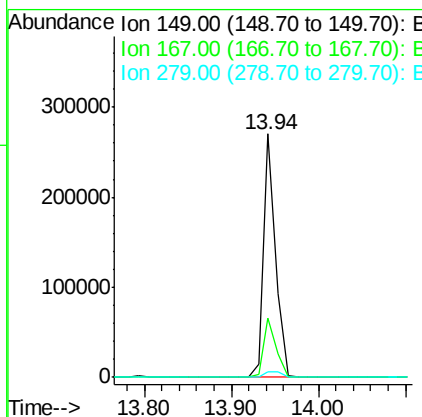
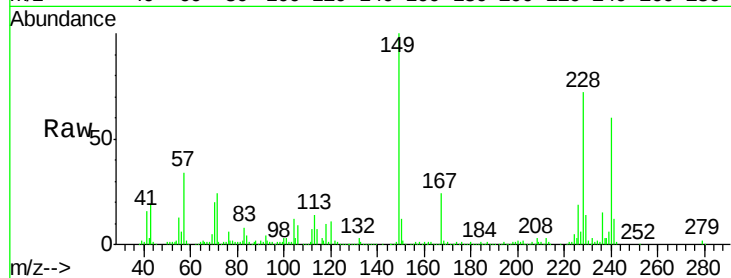
ClientSampleId :

SB-04-COMPMSD

Tgt Ion:	149	Resp:	264404
Ion Ratio		Lower	Upper
149	100		
167	24.1	20.5	30.7
279	2.1	2.0	3.0

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#84

Di-n-octyl phthalate

Concen: 25.32 ng

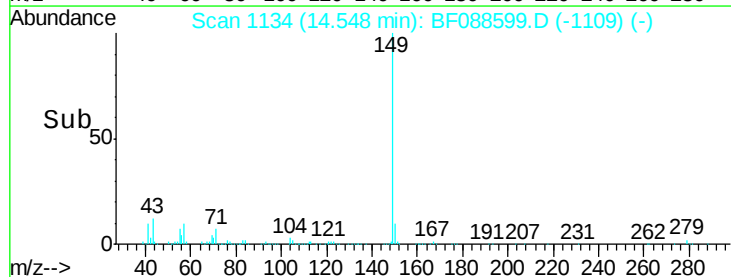
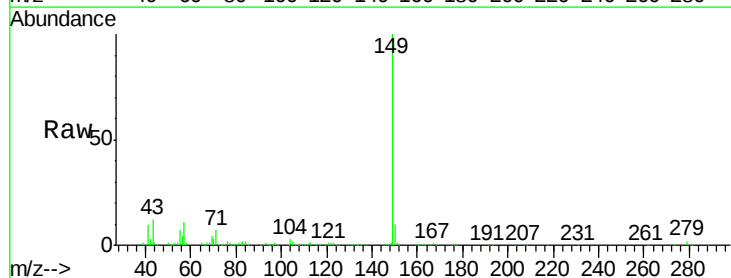
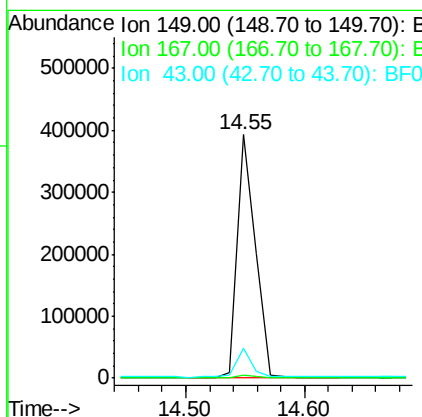
RT: 14.55 min Scan# 1134

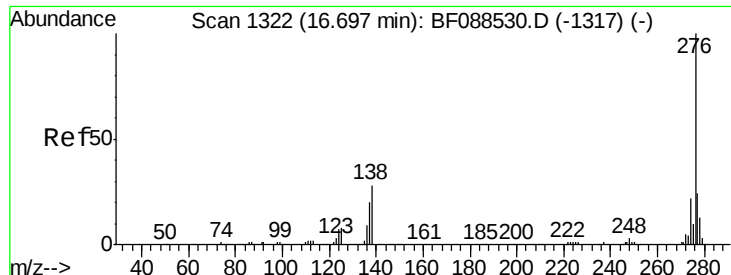
Delta R.T. -0.01 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Tgt Ion:	149	Resp:	418370
Ion Ratio		Lower	Upper
149	100		
167	1.7	0.0	0.0#
43	10.4	0.0	0.0#





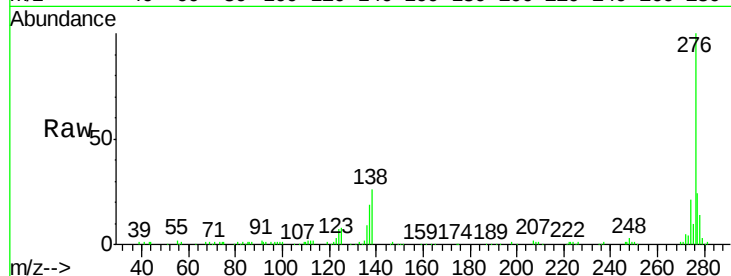
#85
Indeno(1,2,3-cd)pyrene
Concen: 20.20 ng
RT: 16.69 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

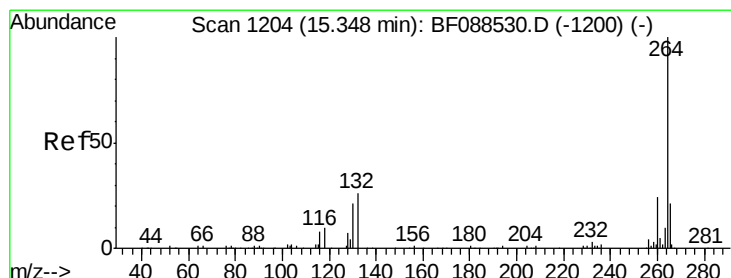
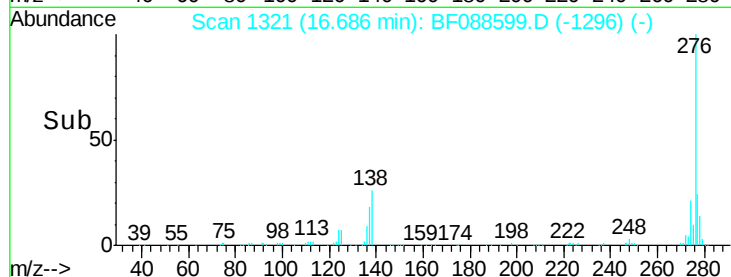
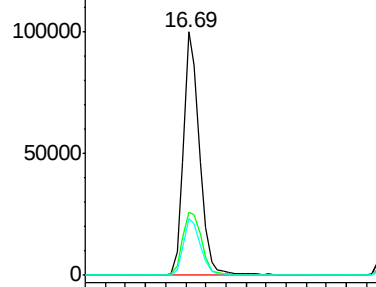
Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	30.7	0.0	0.0#
277	24.6	0.0	0.0#

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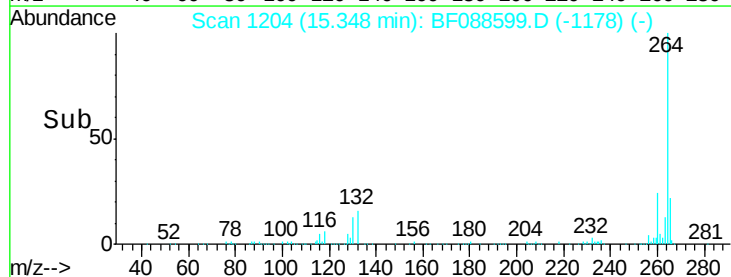
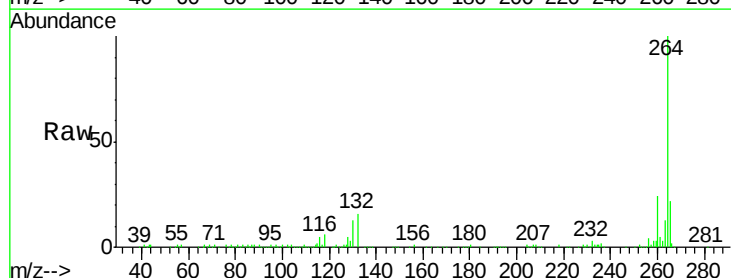
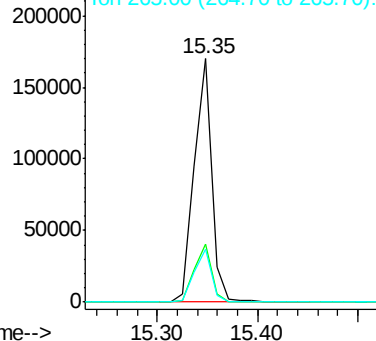
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

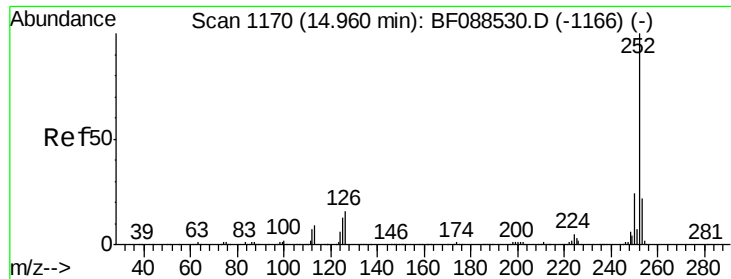


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.6	19.2	28.8
265	21.7	16.9	25.3

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 19.64 ng m

RT: 14.95 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

Tgt Ion: 252 Resp: 254717

Ion Ratio Lower Upper

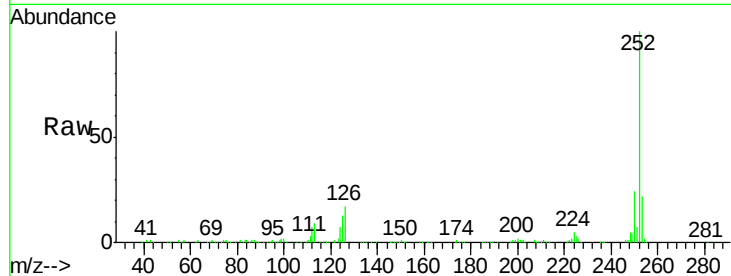
252 100

253 21.9 17.4 26.2

125 13.3 7.1 10.7#

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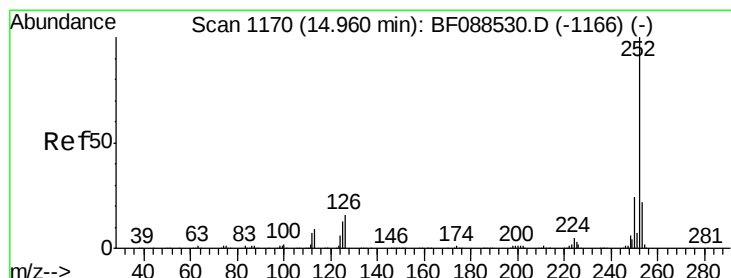
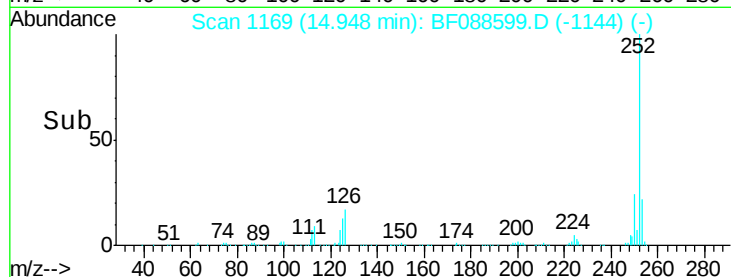
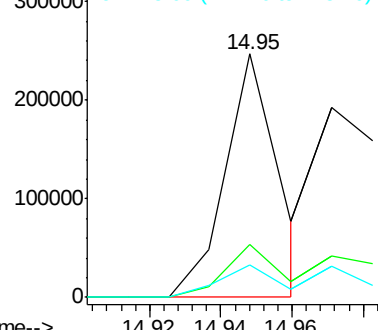
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 22.14 ng m

RT: 14.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF088599.D

Acq: 2 Jul 2016 3:33

Tgt Ion: 252 Resp: 249910

Ion Ratio Lower Upper

252 100

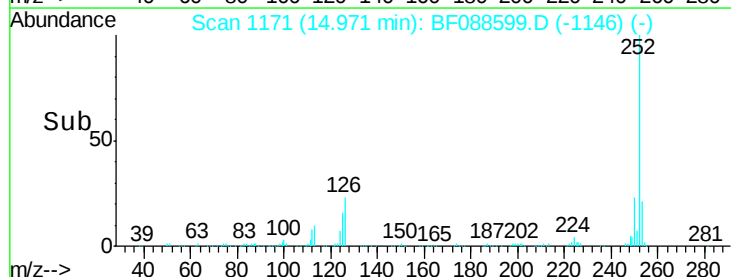
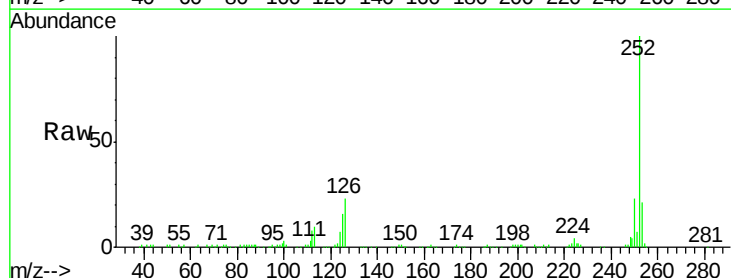
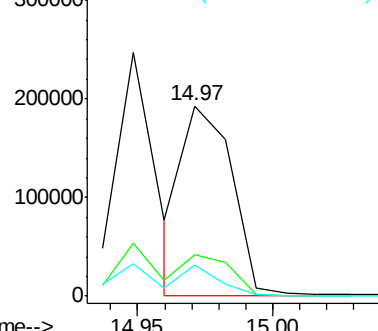
253 21.4 18.0 27.0

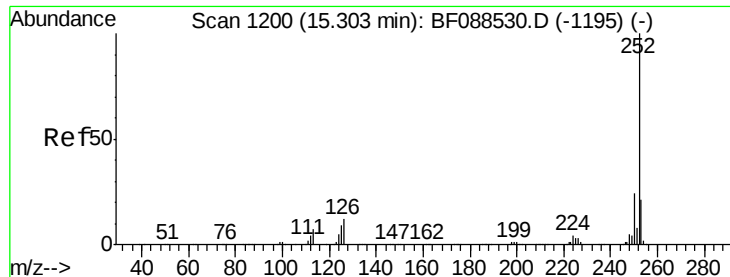
125 16.3 11.2 16.8

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





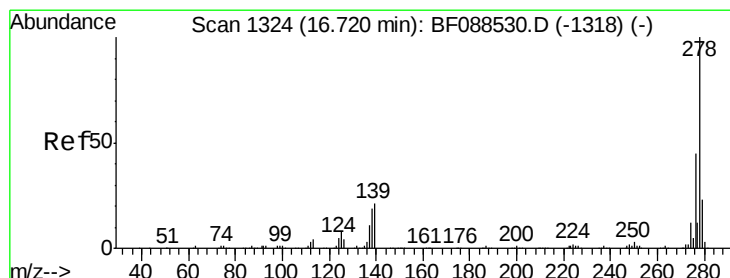
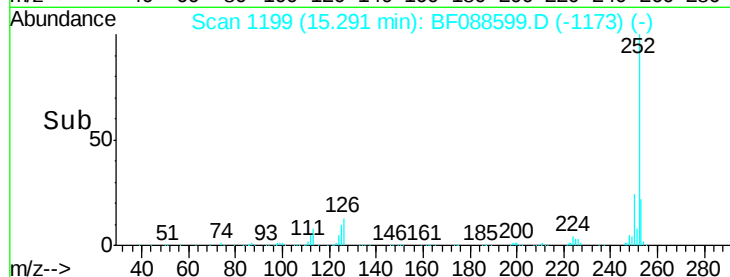
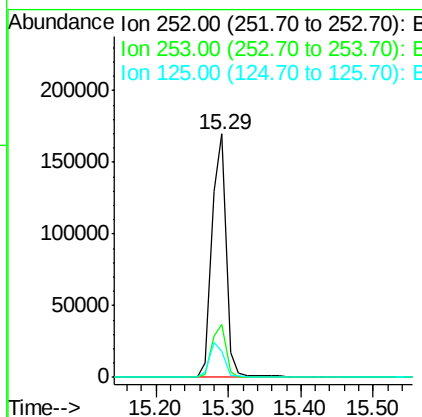
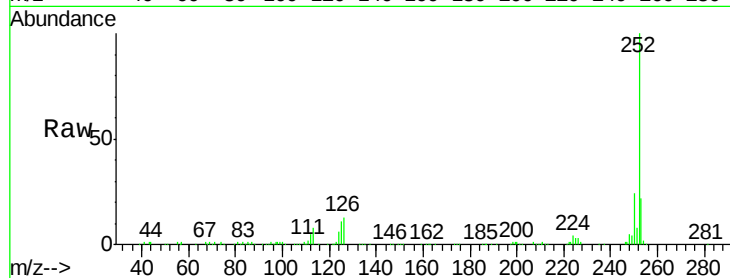
#89
Benzo(a)pyrene
Concen: 21.18 ng
RT: 15.29 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	10.6	12.5	18.7

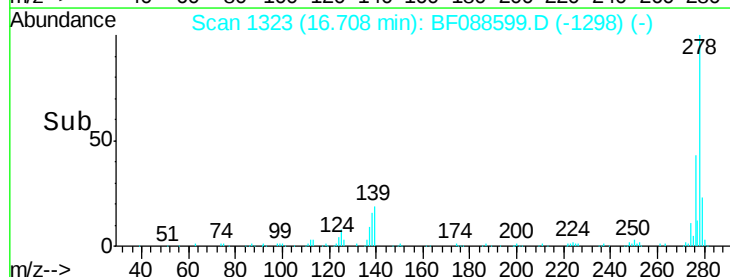
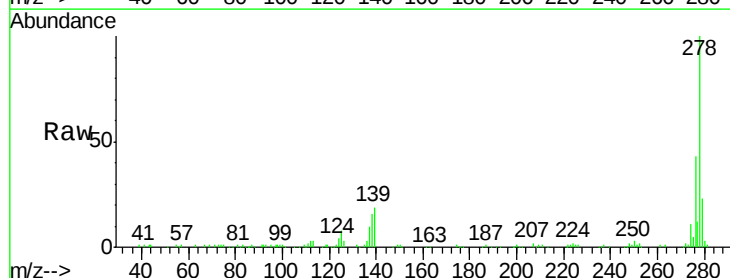
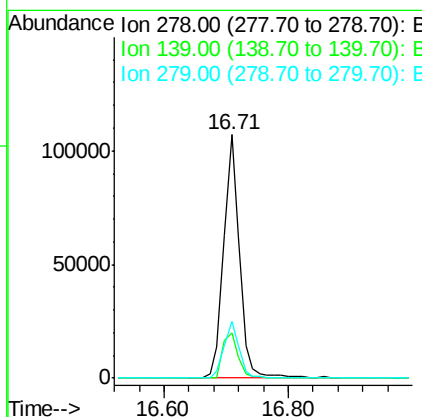
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#90
Dibenzo(a,h)anthracene
Concen: 20.64 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF088599.D
Acq: 2 Jul 2016 3:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.7	23.5
279	23.4	19.4	29.2





#91

Benzo(g,h,i)perylene

Concen: 18.55 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF088599.D

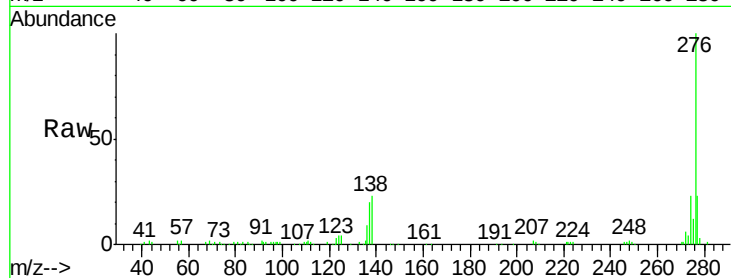
Acq: 2 Jul 2016 3:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD



Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		176017		
277	22.9	18.9	28.3		
138	23.0	21.4	32.2		

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