

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
 Data File : BF088029.D
 Acq On : 15 Jun 2016 6:16
 Operator : UM/SJ
 Sample : H3425-07MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

Manual Integrations
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 6/15/2016 6:41:08 PM

Quant Time: Jun 15 13:55:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 15 04:08:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	119875	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	467063	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	203240	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	331025	20.00	ng	0.00
75) Chrysene-d12	13.94	240	271636	20.00	ng	0.00
86) Perylene-d12	15.35	264	215275	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	459172	65.48	ng	0.01
7) Phenol-d6	6.42	99	333720	39.27	ng	0.00
23) Nitrobenzene-d5	7.36	82	712644	89.10	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	192568	89.73	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1041452	80.18	ng	0.00
78) Terphenyl-d14	12.89	244	801332	67.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	56968	16.72	ng	# 38
3) Pyridine	3.14	79	29005m	3.61	ng	
4) n-Nitrosodimethylamine	2.99	42	58279	17.11	ng	87
6) Aniline	6.44	93	124579	10.30	ng	# 75
8) 2-Chlorophenol	6.57	128	316434	38.13	ng	90
9) Benzaldehyde	6.32	77	29501	4.44	ng	86
10) Phenol	6.43	94	133114	13.43	ng	81
11) bis(2-Chloroethyl)ether	6.52	93	368650	49.47	ng	87
12) 1,3-Dichlorobenzene	6.72	146	330217	37.08	ng	100
13) 1,4-Dichlorobenzene	6.80	146	338987	37.79	ng	99
14) 1,2-Dichlorobenzene	6.96	146	342564	41.99	ng	97
15) Benzyl Alcohol	6.92	79	180899	27.21	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	447664	44.47	ng	90
17) 2-Methylphenol	7.05	107	197946	29.41	ng	99
18) Hexachloroethane	7.30	117	112865	35.46	ng	92
19) n-Nitroso-di-n-propylamine	7.21	70	232268	42.72	ng	90
20) 3+4-Methylphenols	7.21	107	217018	27.63	ng	# 81
22) Acetophenone	7.20	105	468261	44.86	ng	# 95
24) Nitrobenzene	7.37	77	322033	41.56	ng	89
25) Isophorone	7.62	82	681191	45.98	ng	94
26) 2-Nitrophenol	7.69	139	183898	44.31	ng	# 87
27) 2,4-Dimethylphenol	7.74	122	293331	38.39	ng	96
28) bis(2-Chloroethoxy)methane	7.83	93	400037	43.53	ng	# 97
29) 2,4-Dichlorophenol	7.94	162	277162	43.44	ng	89
30) 1,2,4-Trichlorobenzene	8.02	180	290050	41.75	ng	95
31) Naphthalene	8.09	128	976766	42.26	ng	100
32) Benzoic acid	7.83	122	50598	12.02	ng	97
33) 4-Chloroaniline	8.15	127	199447	19.32	ng	96
34) Hexachlorobutadiene	8.22	225	150515	41.08	ng	99
35) Caprolactam	8.52	113	13670	6.47	ng	88
36) 4-Chloro-3-methylphenol	8.63	107	237743	34.84	ng	99
37) 2-Methylnaphthalene	8.79	142	643738m	42.26	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	279666	59.08	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	39817	12.15	ng	98

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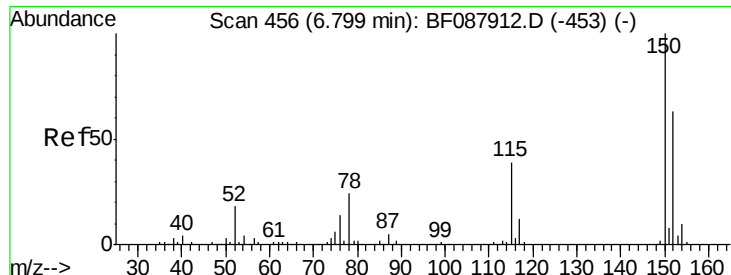
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	179598	44.19	nq	100
43) 2,4,5-Trichlorophenol	9.12	196	197531	46.71	nq	97
45) 1,1'-Biphenyl	9.26	154	798464	53.51	nq	97
46) 2-Chloronaphthalene	9.28	162	615661	46.81	nq	96
47) 2-Nitroaniline	9.37	65	162690	41.93	nq	94
48) Acenaphthylene	9.69	152	877264	41.94	nq	99
49) Dimethylphthalate	9.56	163	794225	53.95	nq	99
50) 2,6-Dinitrotoluene	9.62	165	169706	50.33	nq	# 87
51) Acenaphthene	9.86	154	524969	40.23	nq	98
52) 3-Nitroaniline	9.78	138	124395	31.97	nq	99
53) 2,4-Dinitrophenol	9.90	184	53832	35.06	nq	# 70
54) Dibenzofuran	10.03	168	773037	43.01	nq	91
55) 4-Nitrophenol	9.95	139	85526	28.32	nq	# 72
56) 2,4-Dinitrotoluene	10.02	165	188200	43.43	nq	# 72
57) Fluorene	10.38	166	571737	47.32	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	134829	40.57	nq	# 57
59) Diethylphthalate	10.26	149	716162	48.06	nq	96
60) 4-Chlorophenyl-phenylether	10.36	204	238027	39.83	nq	94
61) 4-Nitroaniline	10.40	138	142864	38.71	nq	99
62) Azobenzene	10.52	77	611819	41.52	nq	95
64) 4,6-Dinitro-2-methylphenol	10.43	198	42835	21.96	nq	# 58
65) n-Nitrosodiphenylamine	10.49	169	514368	46.83	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	162153	45.66	nq	# 87
67) Hexachlorobenzene	10.93	284	175427	47.54	nq	# 84
68) Atrazine	11.02	200	46357	13.94	nq	96
69) Pentachlorophenol	11.12	266	168846	86.81	nq	98
70) Phenanthrene	11.34	178	841029	48.42	nq	99
71) Anthracene	11.38	178	732752	41.82	nq	100
72) Carbazole	11.54	167	765613	46.69	nq	100
73) Di-n-butylphthalate	11.87	149	902839	43.50	nq	100
74) Fluoranthene	12.51	202	797529	43.51	nq	97
76) Benzidine	12.64	184	227159	30.20	nq	98
77) Pyrene	12.74	202	768961	38.15	nq	100
79) Butylbenzylphthalate	13.37	149	428093	48.04	nq	93
80) Benzo(a)anthracene	13.93	228	637834	41.21	nq	100
81) 3,3'-Dichlorobenzidine	13.90	252	183059	43.98	nq	# 97
82) Chrysene	13.98	228	694213	47.67	nq	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	476645	43.94	nq	# 99
84) Di-n-octyl phthalate	14.54	149	968964	54.97	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.71	276	560616	41.43	nq	# 100
87) Benzo(b)fluoranthene	14.95	252	801394m	53.41	nq	
88) Benzo(k)fluoranthene	14.98	252	468557m	41.40	nq	
89) Benzo(a)pyrene	15.29	252	597710	49.24	nq	99
90) Dibenzo(a,h)anthracene	16.72	278	470590	41.74	nq	97
91) Benzo(g,h,i)perylene	17.12	276	468791	40.42	nq	99

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



#1

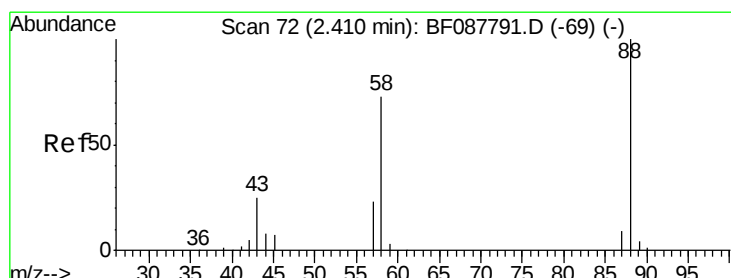
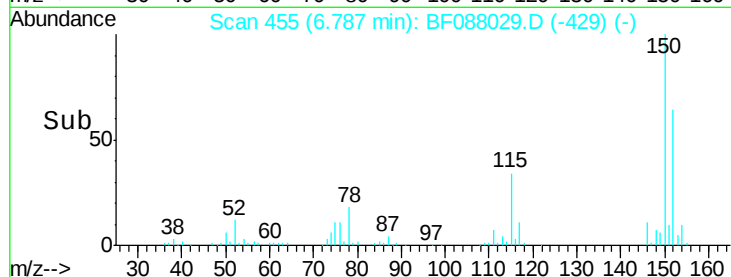
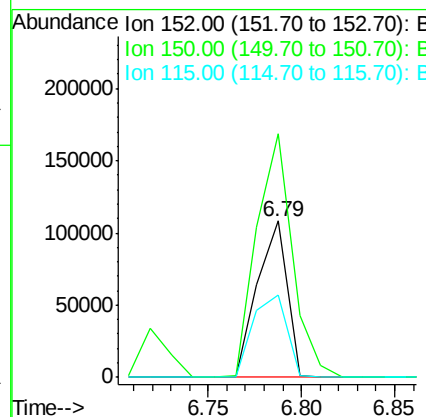
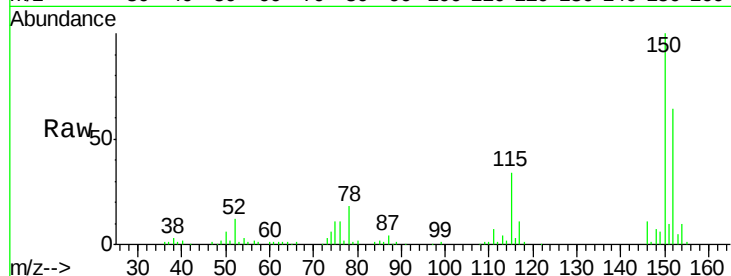
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.8	185.6
115	52.4	39.6	59.4

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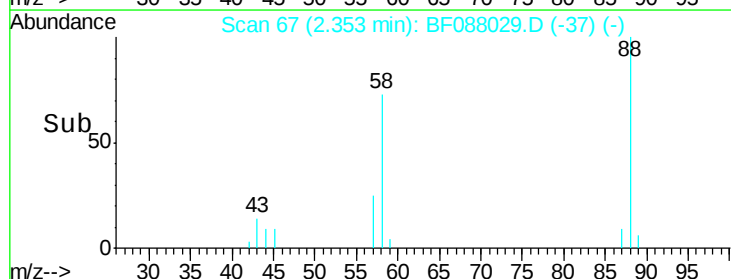
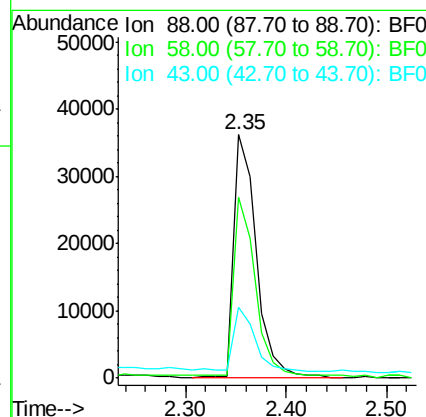
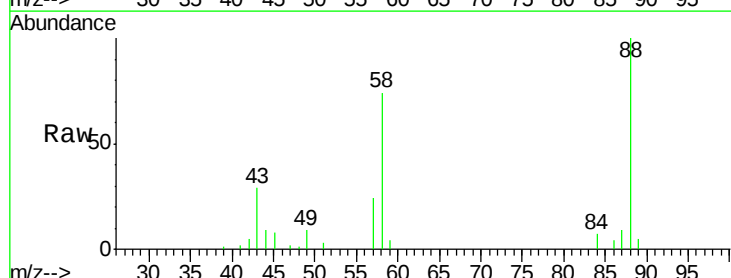
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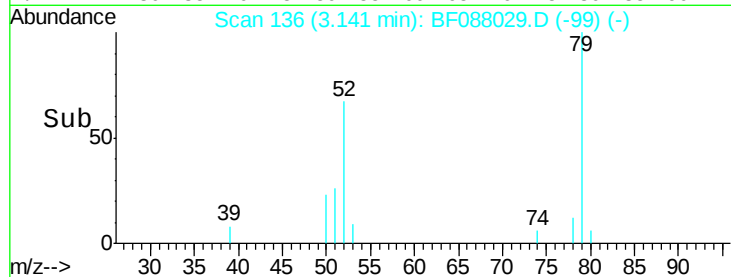
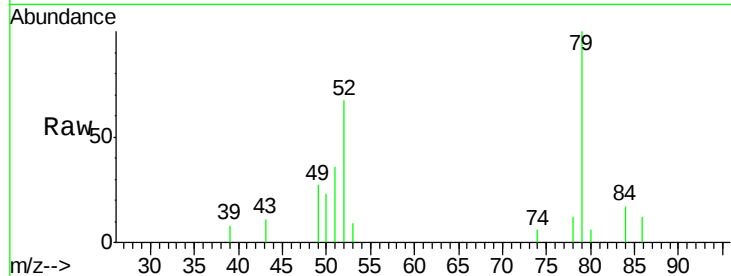
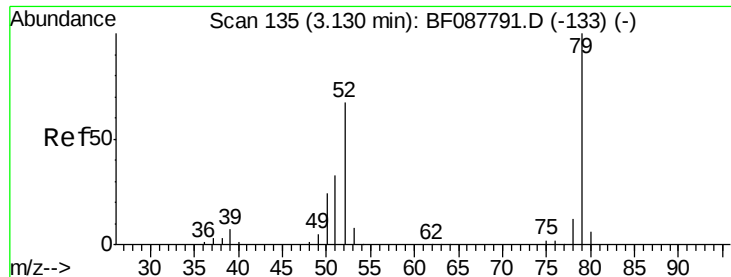


#2

1,4-Dioxane
Concen: 16.72 ng
RT: 2.35 min Scan# 67
Delta R.T. 0.05 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.0	0.0	0.0#
43	24.8	3.4	5.2#





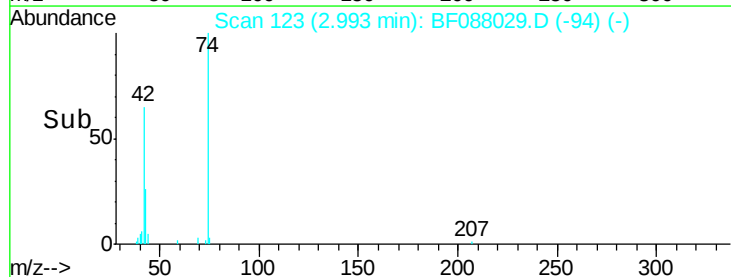
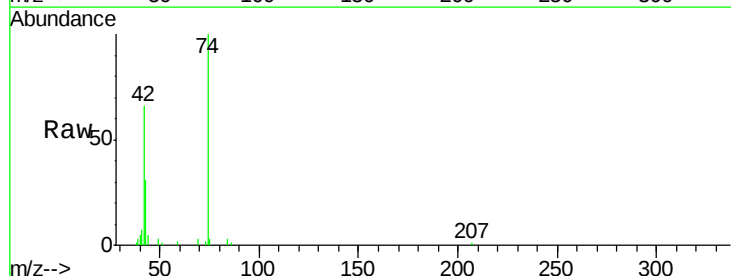
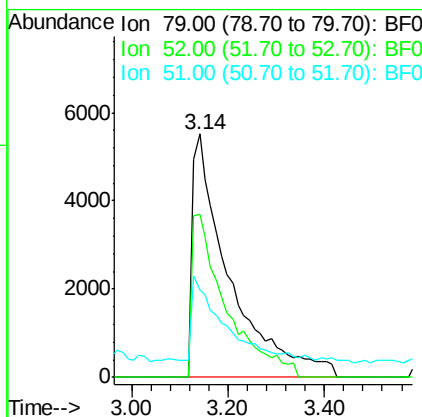
#3
Pvridine
Concen: 3.61 ng/ml
RT: 3.14 min Scan# 136
Delta R.T. 0.13 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		29005		
52	67.1	56.3	84.5		
51	35.8	27.4	41.2		

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

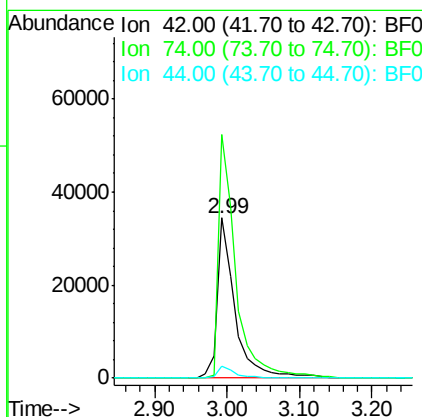
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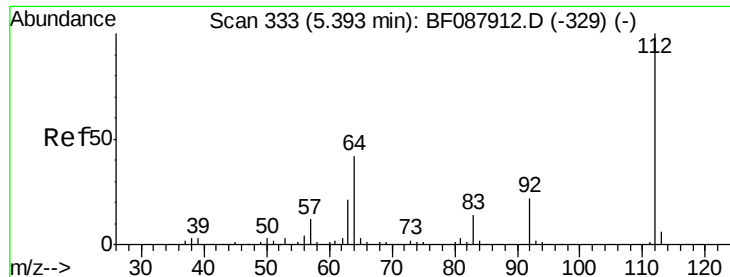
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#4
n-Nitrosodimethylamine
Concen: 17.11 ng
RT: 2.99 min Scan# 123
Delta R.T. 0.03 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		58279		
74	152.0	108.6	163.0		
44	7.7	5.5	8.3		





#5

2-Fluorophenol

Concen: 65.48 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF088029.D

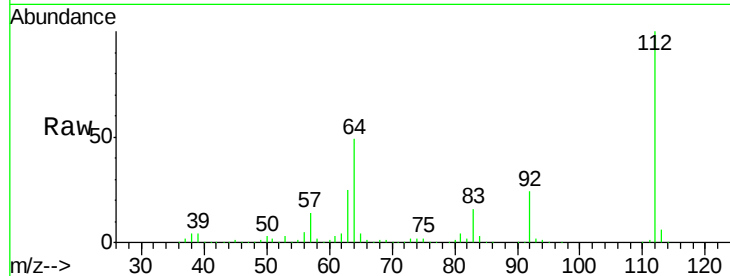
Acq: 15 Jun 2016 6:16

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

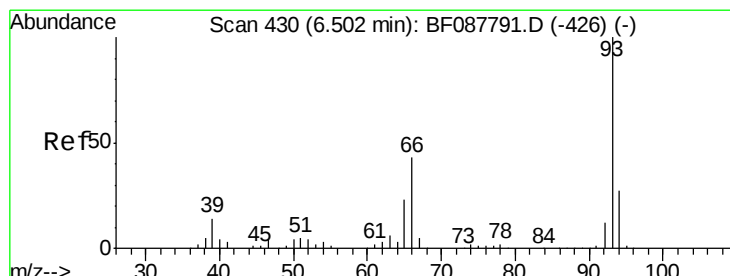
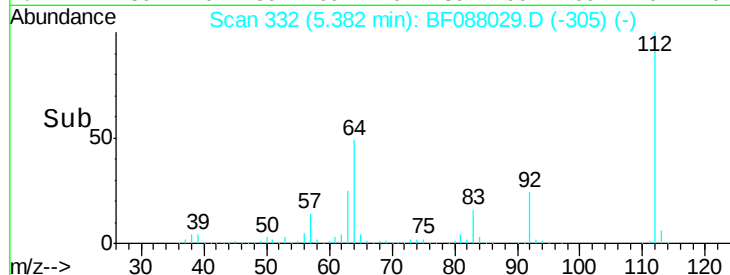
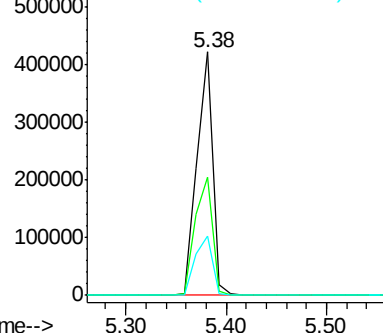
Tot Ion:	112	Resp:	459172
Ion Ratio	Lower	Upper	
112	100		
64	48.6	42.2	63.2
63	24.6	21.8	32.8

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Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.30 ng

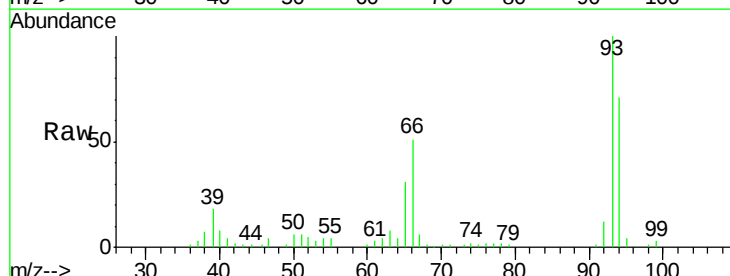
RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

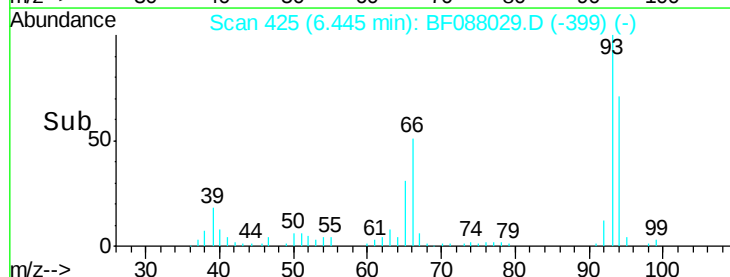
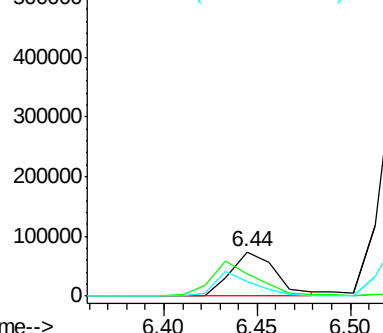
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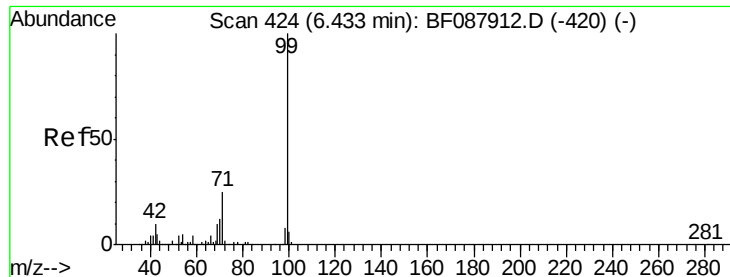
Acq: 15 Jun 2016 6:16

Tgt Ion:	93	Resp:	124579
Ion Ratio	Lower	Upper	
93	100		
66	51.1	29.8	44.8#
65	31.3	14.9	22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 39.27 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

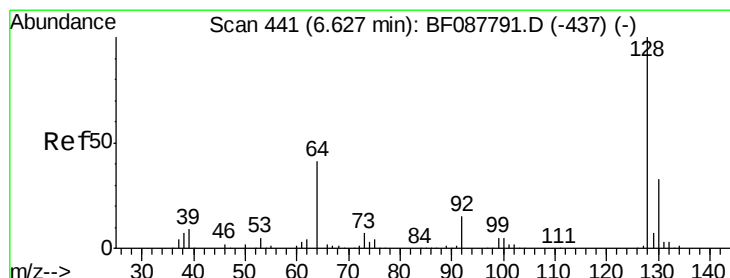
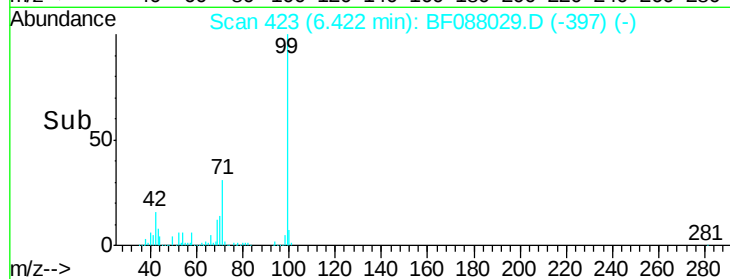
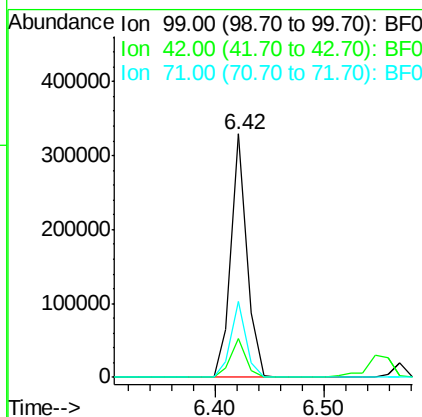
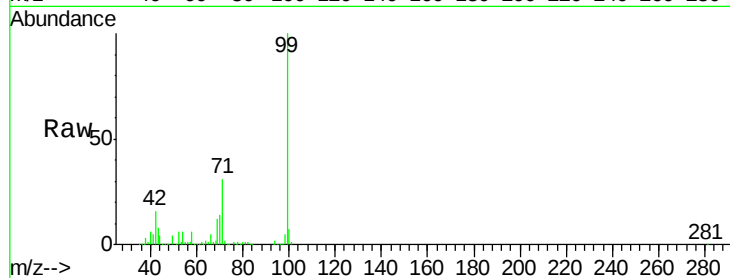
ClientSampleId :

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Tot Ion:	99	Resp:	333720
Ion Ratio	Lower	Upper	
99	100		
42	15.9	12.2	18.2
71	31.4	23.4	35.0

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#8

2-Chlorophenol

Concen: 38.13 ng

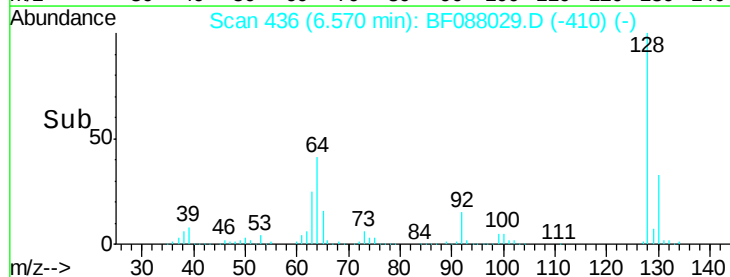
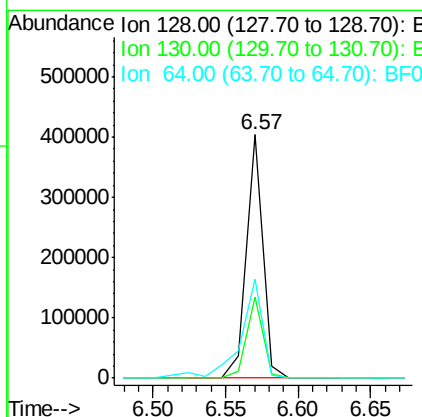
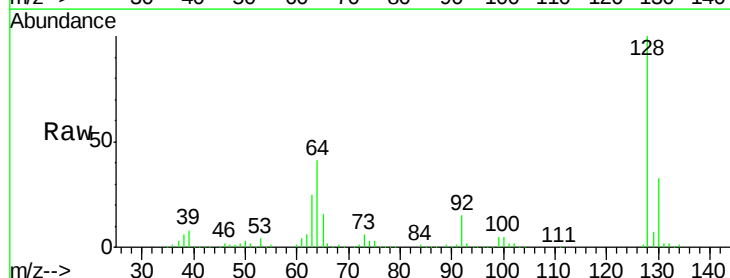
RT: 6.57 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Tgt Ion:	128	Resp:	316434
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.0	52.0
64	40.6	30.8	70.8





#9

Benzaldehyde

Concen: 4.44 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

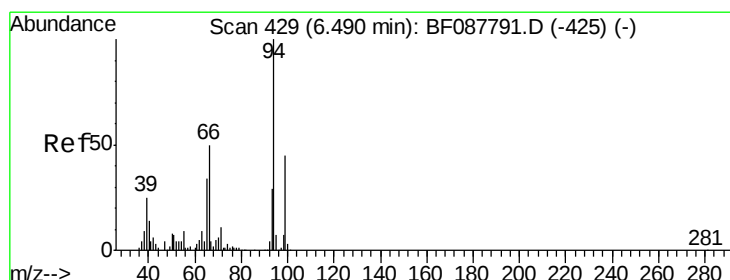
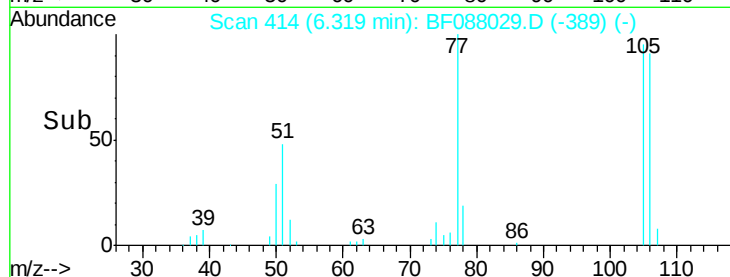
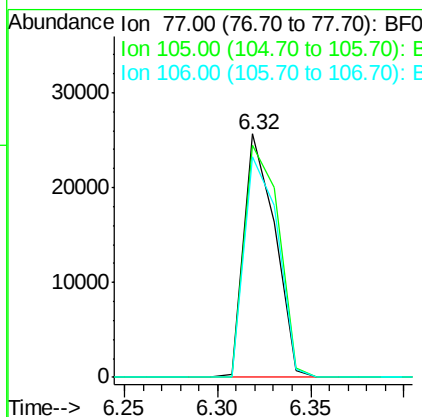
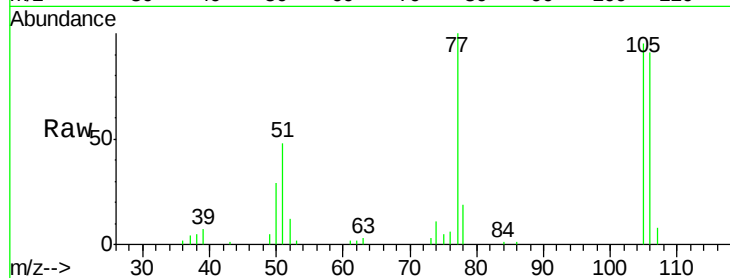
ClientSampleId :

SP16-LF2MW2MSD

Tot Ion:	77	Resp:	29501
Ion Ratio	Lower	Upper	
77	100		
105	95.3	90.6	130.6
106	90.7	85.3	125.3

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#10

Phenol

Concen: 13.43 ng

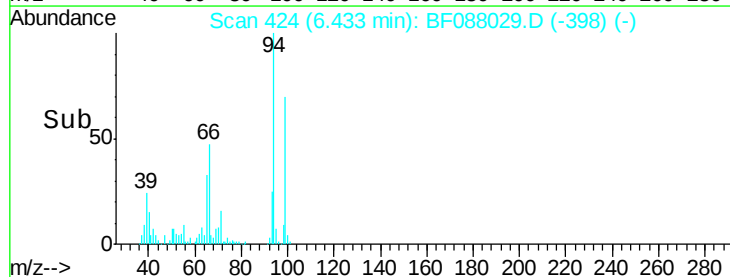
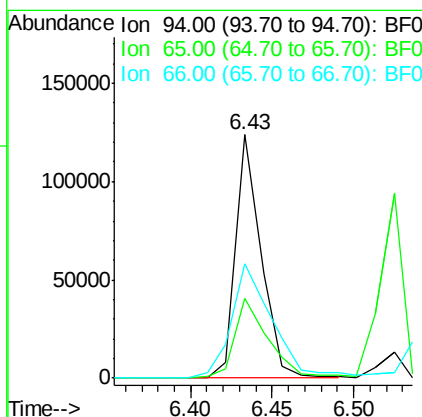
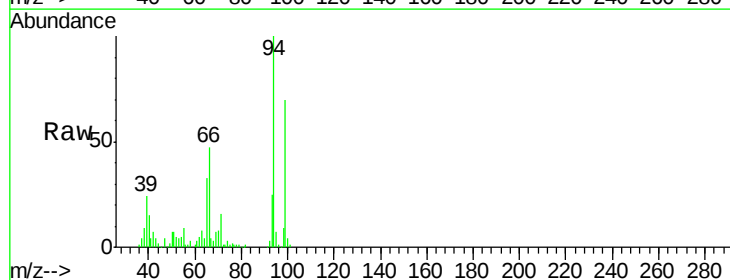
RT: 6.43 min Scan# 424

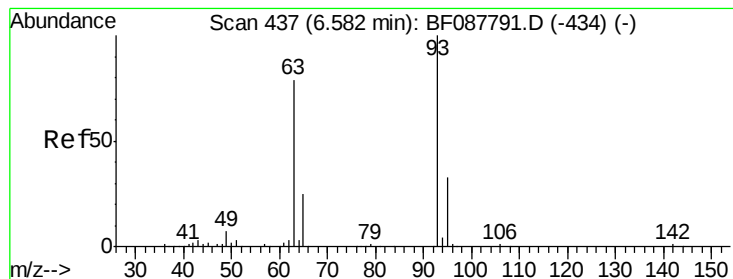
Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Tgt Ion:	94	Resp:	133114
Ion Ratio	Lower	Upper	
94	100		
65	32.8	5.9	45.9
66	46.8	14.0	54.0





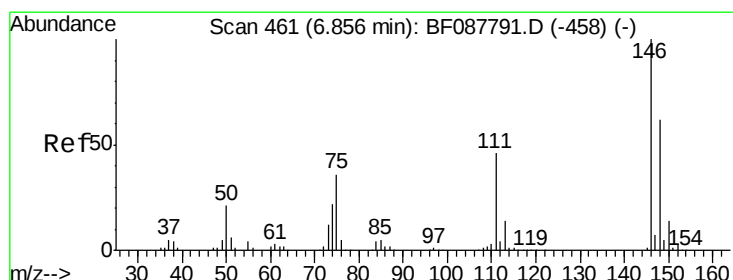
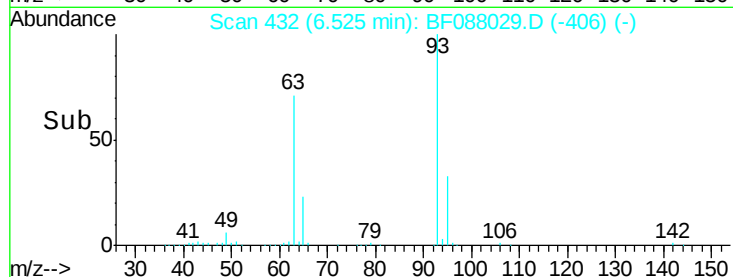
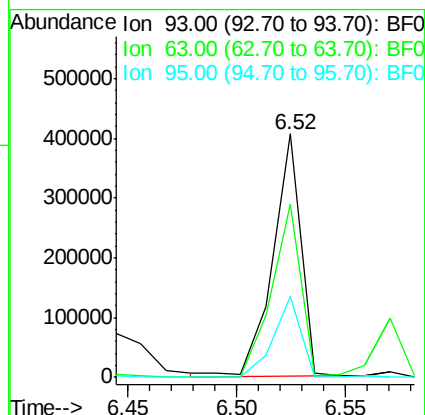
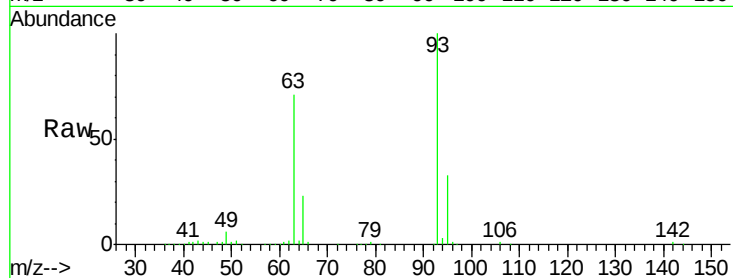
#11
bis(2-Chloroethyl)ether
Concen: 49.47 ng
RT: 6.52 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	368650		
63	71.1	67.6	107.6	
95	33.2	12.5	52.5	

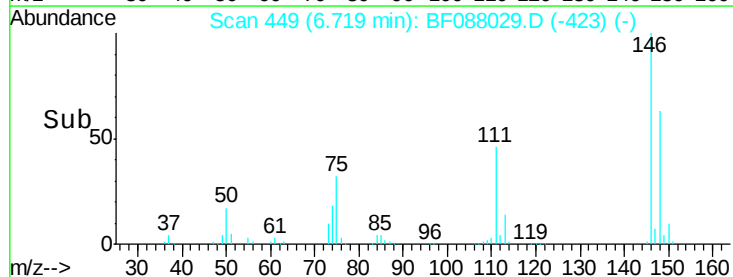
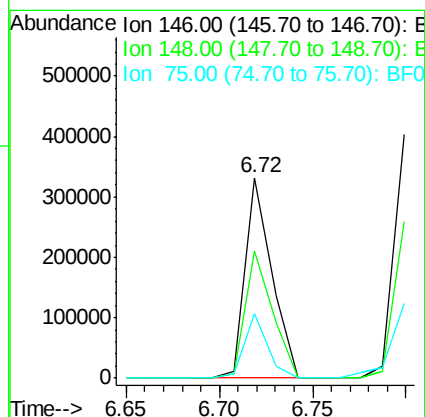
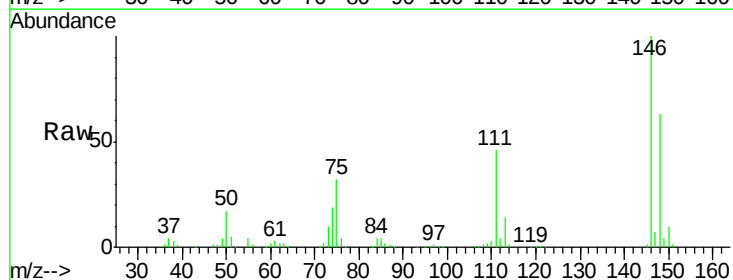
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#12
1,3-Dichlorobenzene
Concen: 37.08 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	330217		
148	63.2	50.9	76.3	
75	32.1	25.6	38.4	





#13

1,4-Dichlorobenzene

Concen: 37.79 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

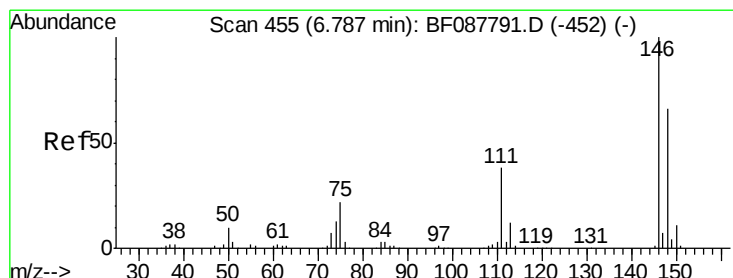
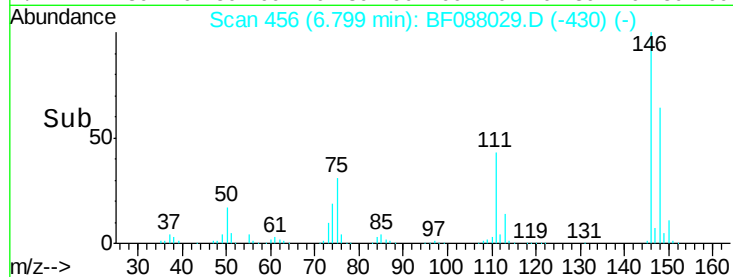
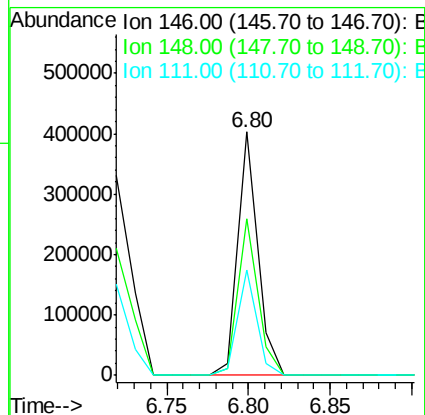
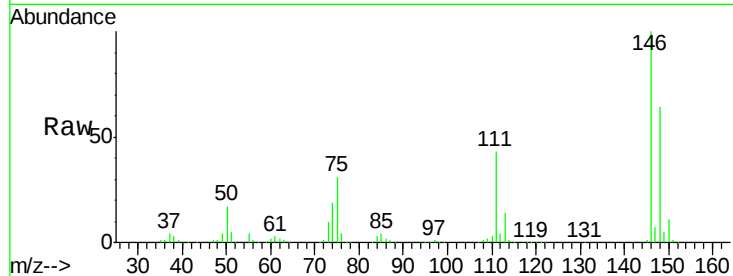
ClientSampleId :

SP16-LF2MW2MSD

Tot Ion:	146	Resp:	338987
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.0	78.0
111	43.3	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 41.99 ng

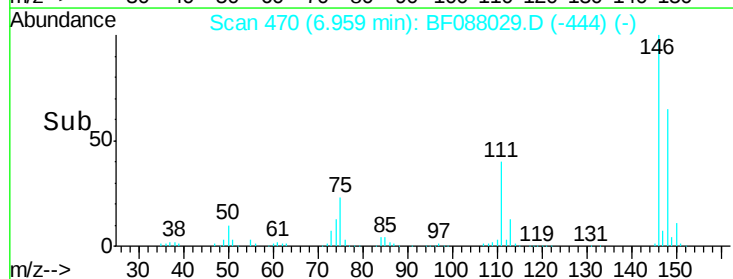
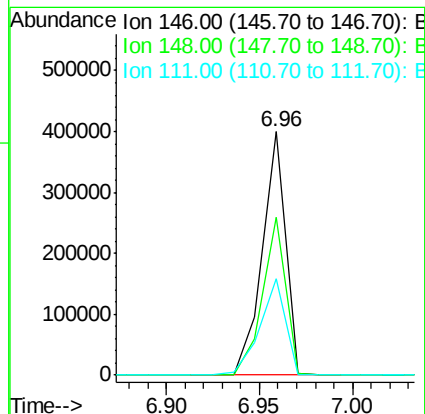
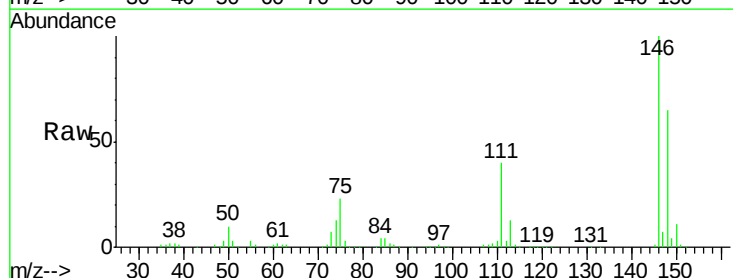
RT: 6.96 min Scan# 470

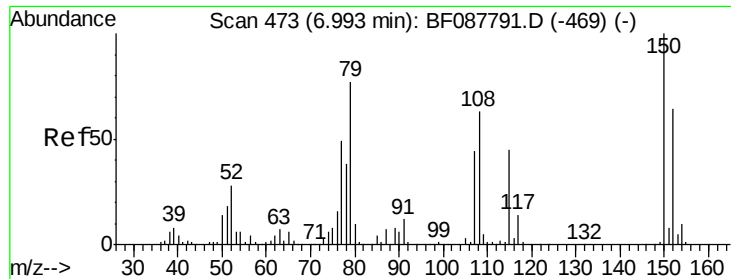
Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Tgt Ion:	146	Resp:	342564
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.3	78.5
111	39.8	28.7	43.1





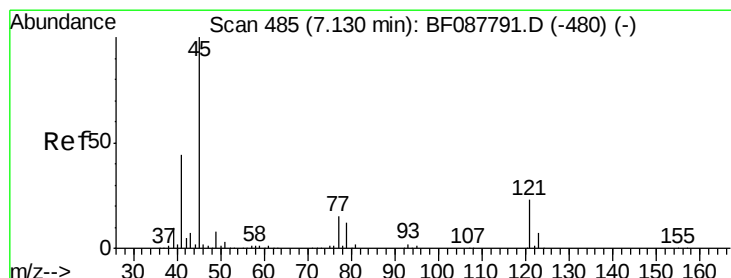
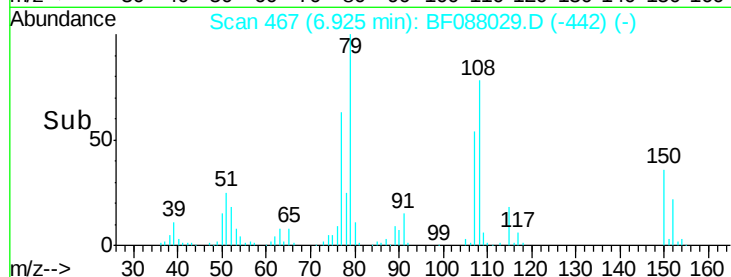
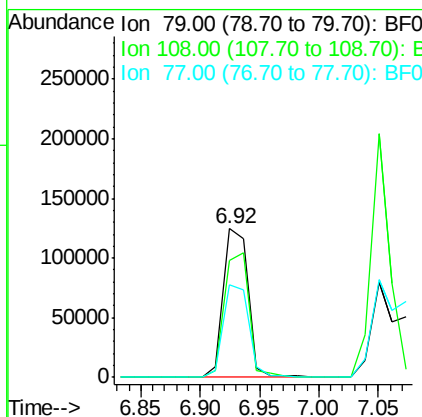
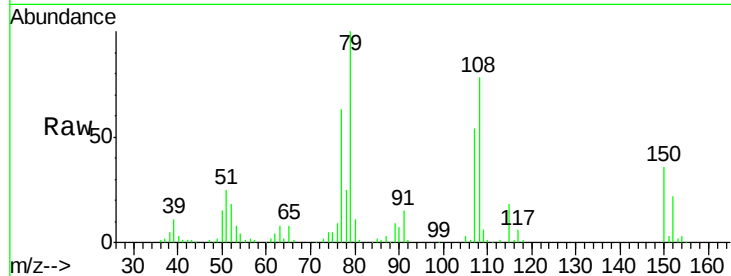
#15
Benzyl Alcohol
Concen: 27.21 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.2	65.0	97.6
77	62.5	50.3	75.5

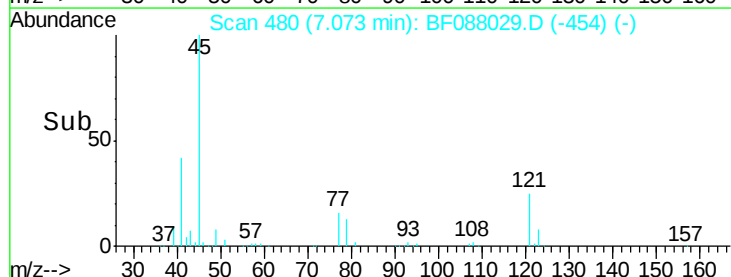
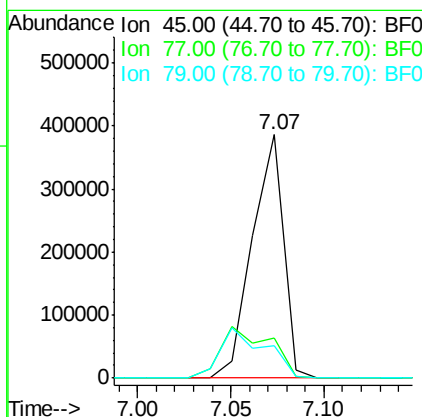
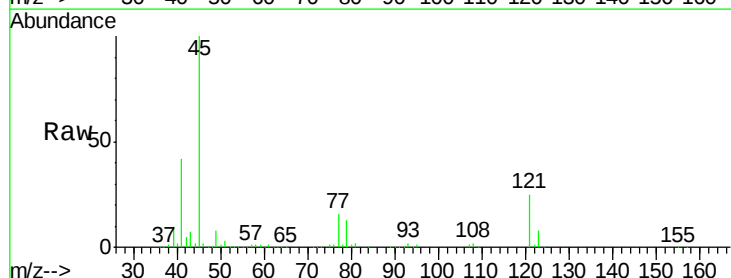
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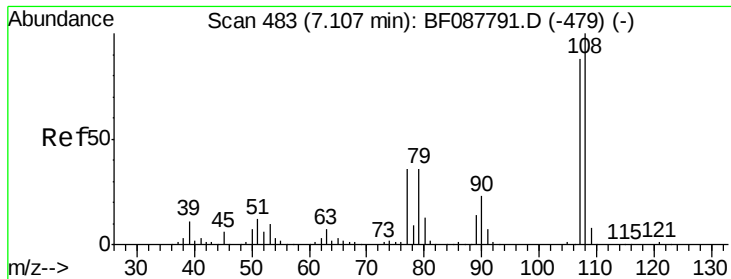
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#16
2,2'-oxybis(1-chloropropane)
Concen: 44.47 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	32.5
79	13.2	0.0	29.5





#17

2-Methylphenol

Concen: 29.41 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

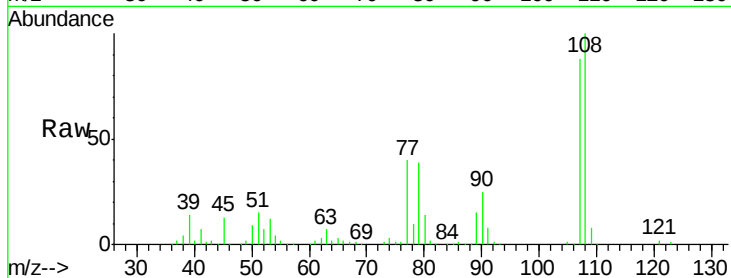
ClientSampleId :

SP16-LF2MW2MSD

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Tot Ion	Ratio	Resp	Lower	Upper
107	100	197946		
108	113.6	90.9	136.3	
77	45.6	36.6	55.0	
79	44.2	36.5	54.7	



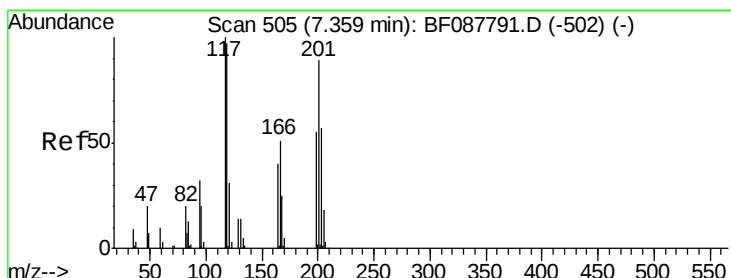
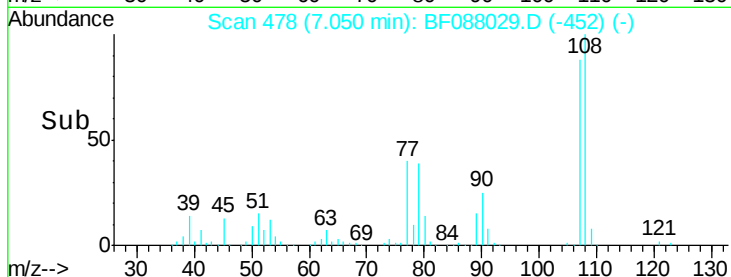
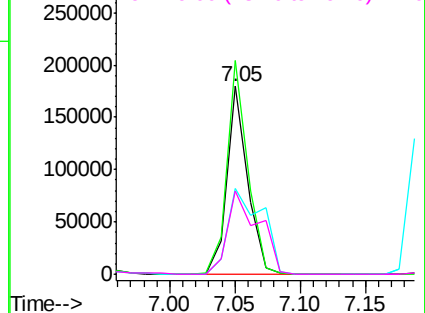
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.46 ng

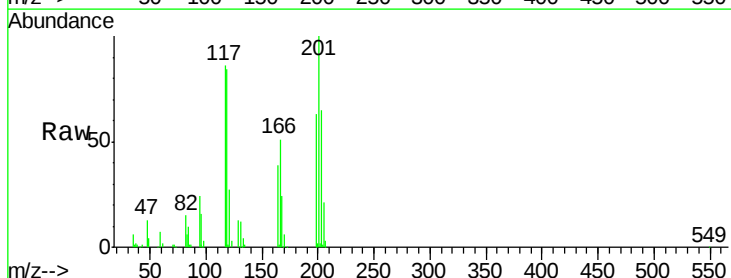
RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	112865		
119	97.4	77.4	116.2	
201	116.5	80.4	120.6	

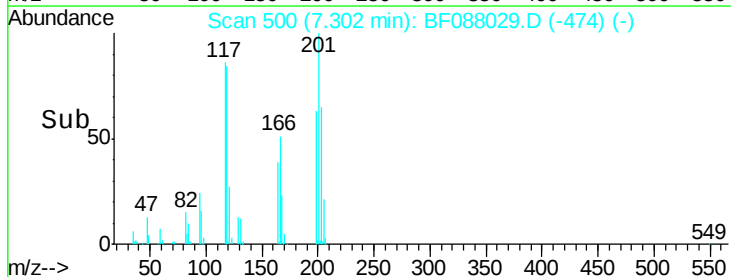
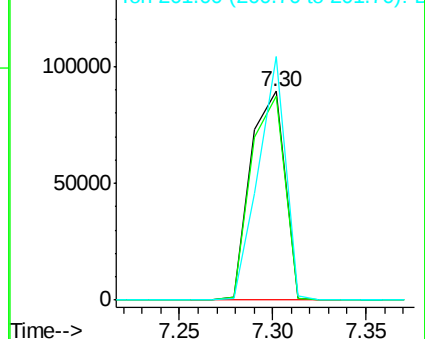


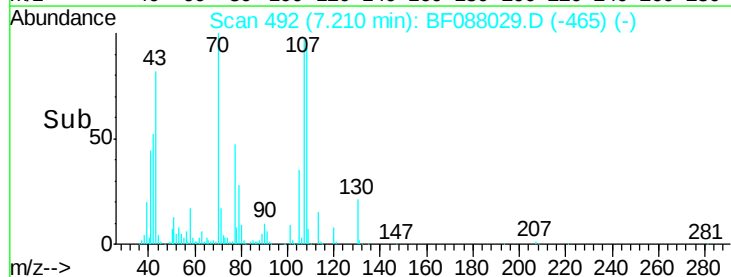
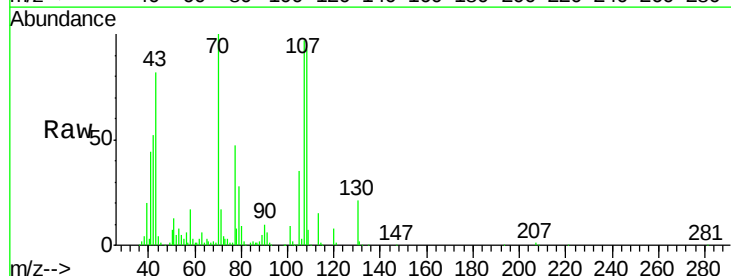
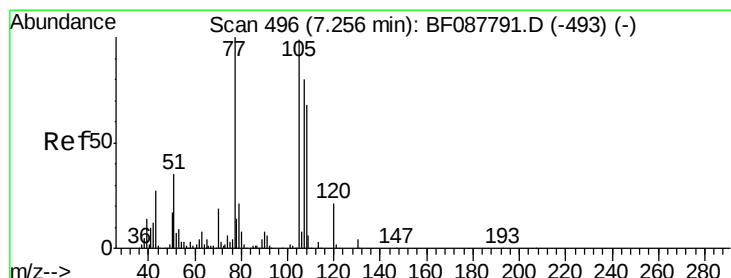
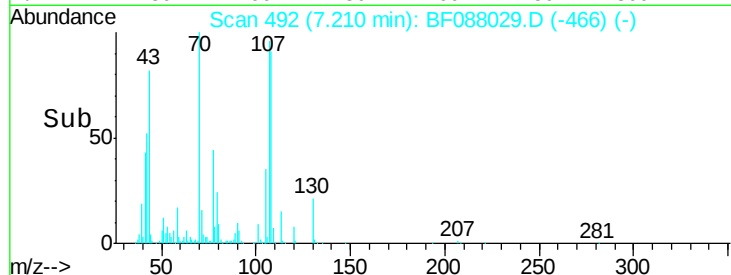
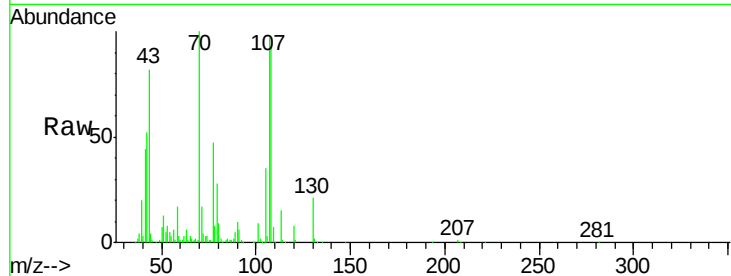
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

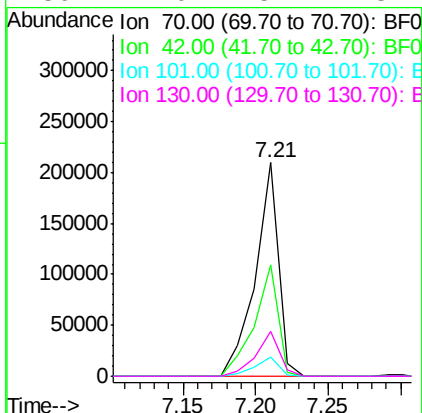
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 42.72 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.3	49.6	74.4		
101	9.2	7.1	10.7		
130	21.0	15.4	23.2		



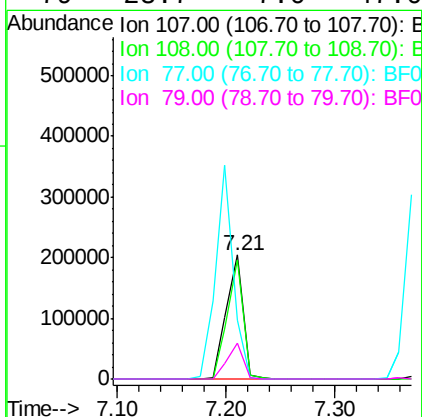
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

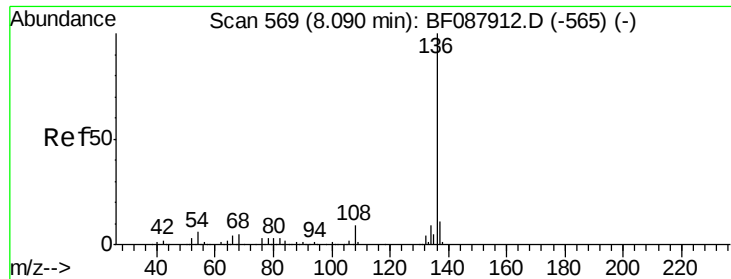
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#20
3+4-Methylphenols
Concen: 27.63 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.01 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	95.9	67.8	107.8		
77	48.1	59.3	99.3#		
79	28.7	7.0	47.0		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

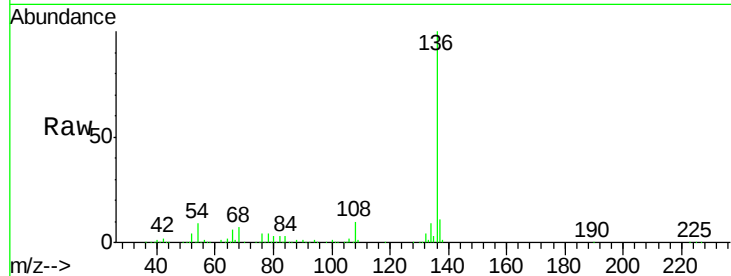
ClientSampleId :

SP16-LF2MW2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		467063		
137	11.4	9.1	13.7		
54	8.8	6.6	10.0		
68	7.2	5.1	7.7		

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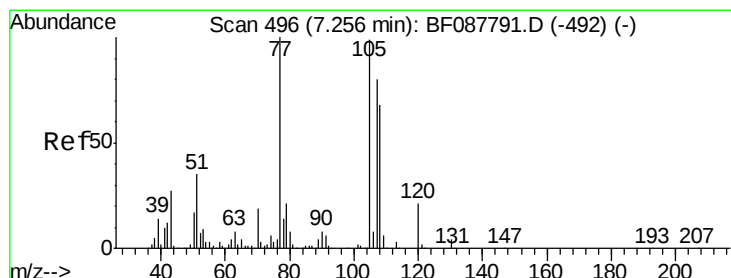
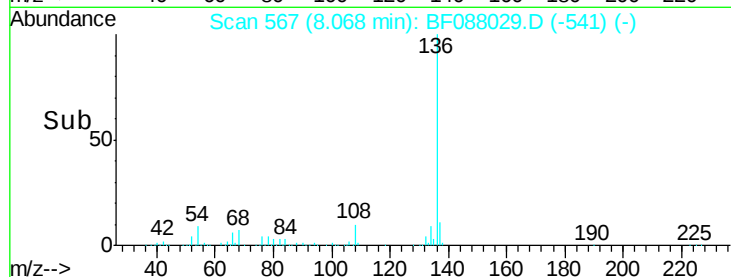
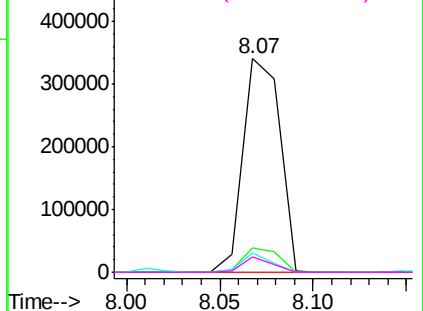
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.86 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		468261		
71	3.3	5.3	7.9#		
51	26.5	18.2	27.4		
120	22.1	18.0	27.0		

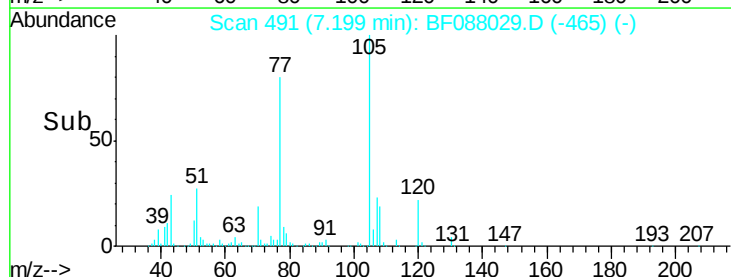
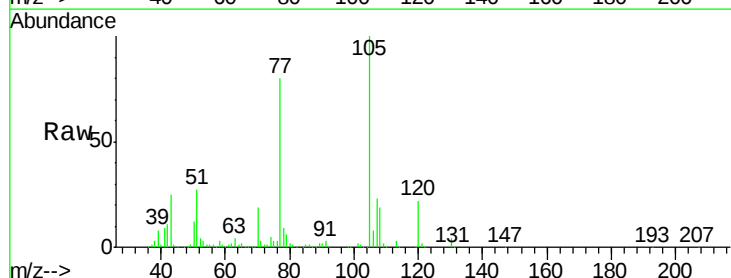
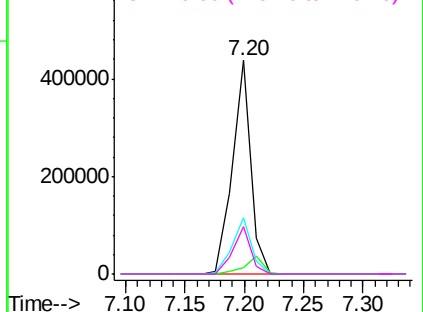
Abundance

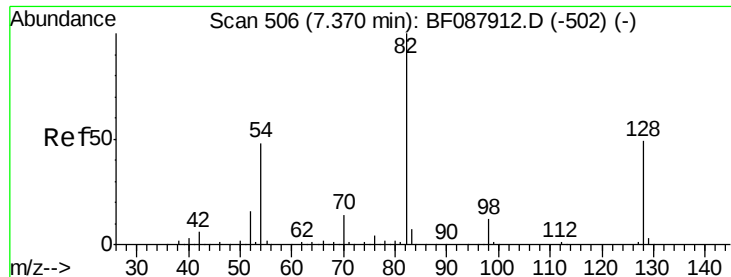
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





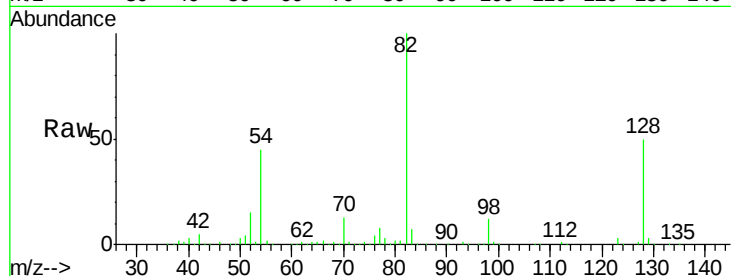
#23
Nitrobenzene-d5
Concen: 89.10 ng
RT: 7.36 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

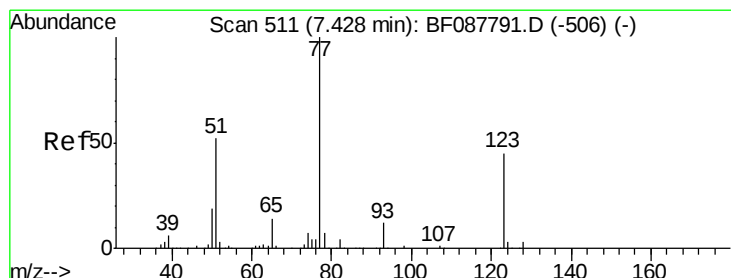
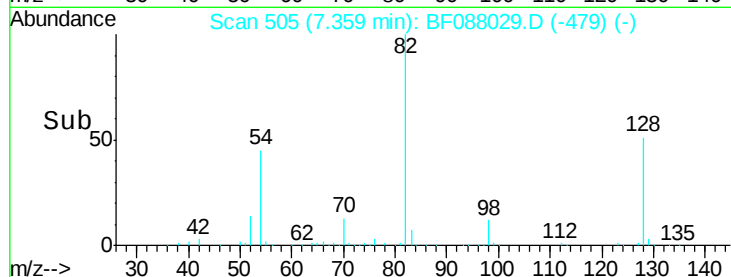
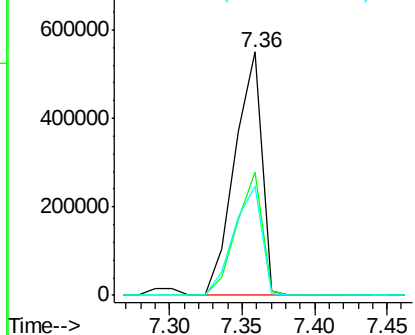
Tot Ion	Ratio	Resp	Lower	Upper
82	100	712644		
128	50.5	35.9	53.9	
54	45.1	40.9	61.3	

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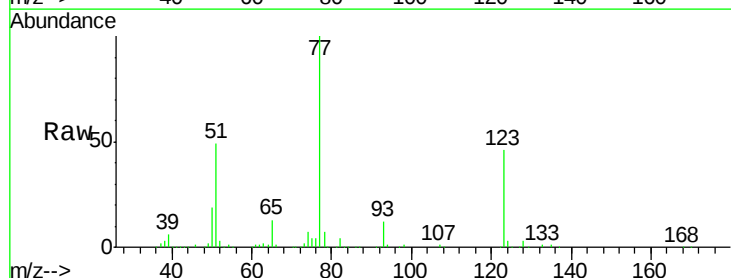


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

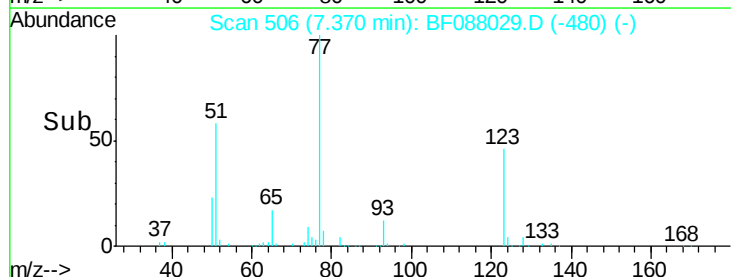
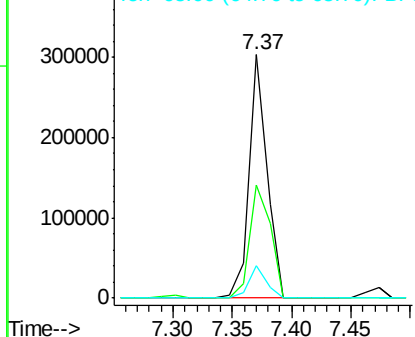


#24
Nitrobenzene
Concen: 41.56 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	322033		
123	46.2	45.0	67.4	
65	13.4	10.2	15.2	



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





#25

Isophorone

Concen: 45.98 ng

RT: 7.62 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

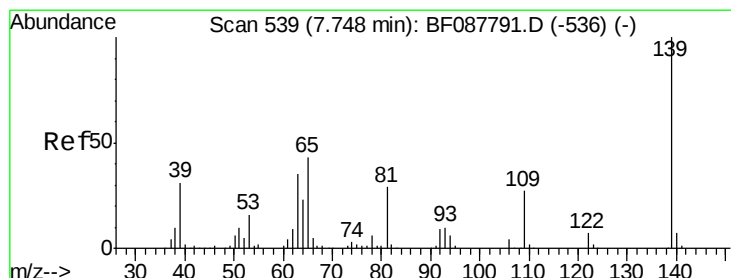
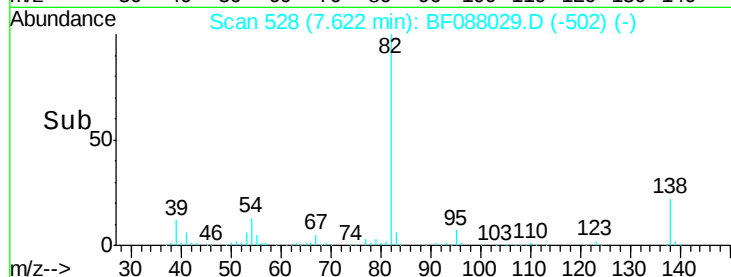
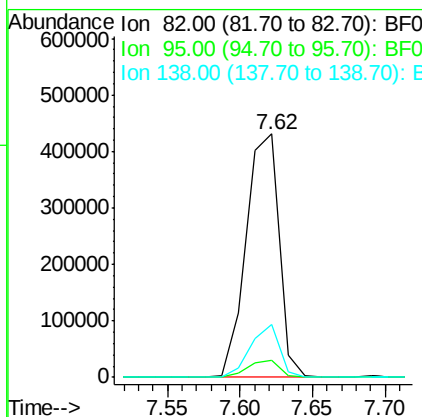
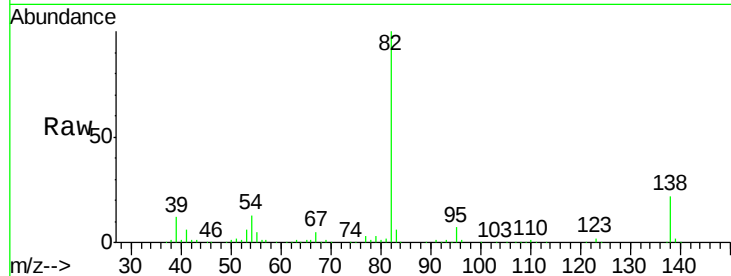
ClientSampleId :

SP16-LF2MW2MSD

Tot Ion:	82	Resp:	681191
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.4	8.2
138	21.7	14.6	21.8

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#26

2-Nitrophenol

Concen: 44.31 ng

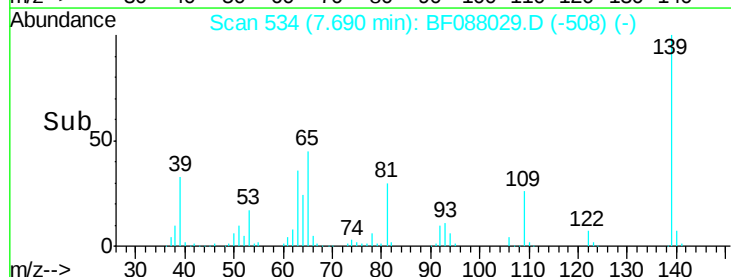
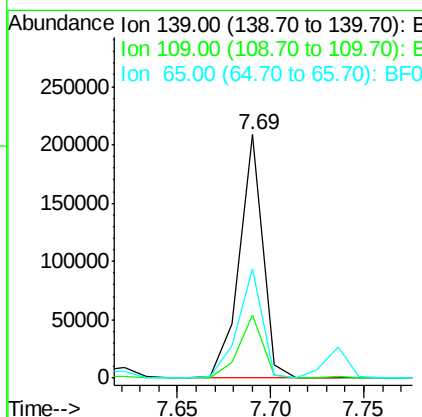
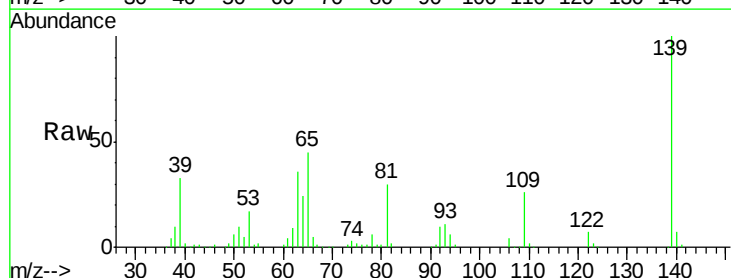
RT: 7.69 min Scan# 534

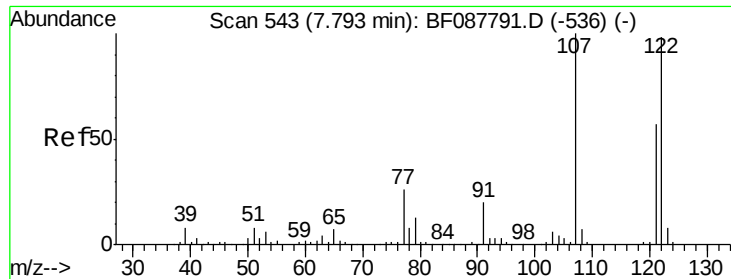
Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Tgt Ion:	139	Resp:	183898
Ion Ratio		Lower	Upper
139	100		
109	26.1	23.0	34.4
65	44.8	45.8	68.8#





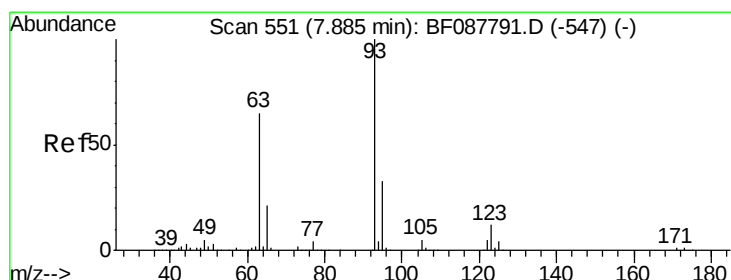
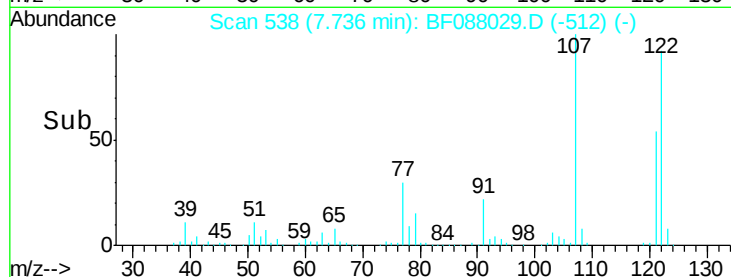
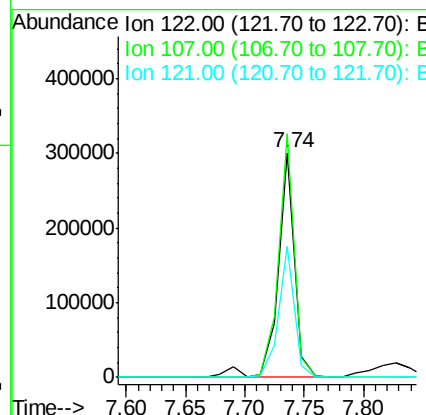
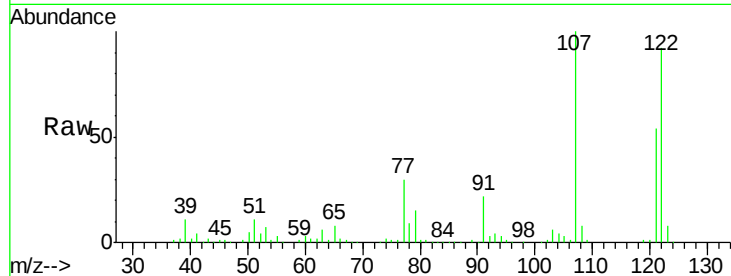
#27
2,4-Dimethylphenol
Concen: 38.39 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	293331		
107	108.4	82.4	123.6	
121	58.1	46.3	69.5	

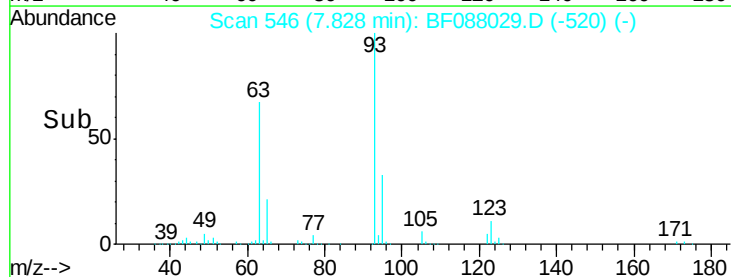
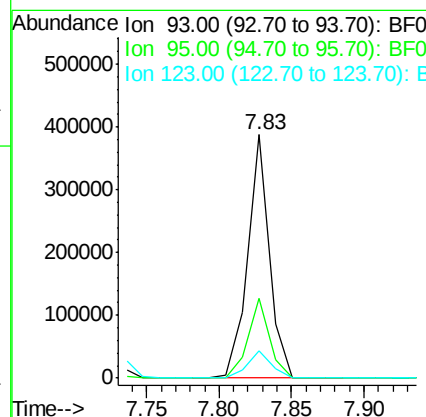
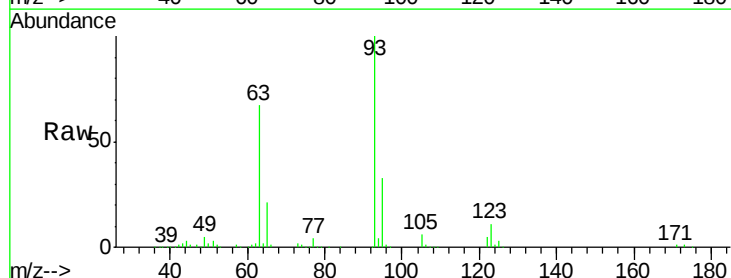
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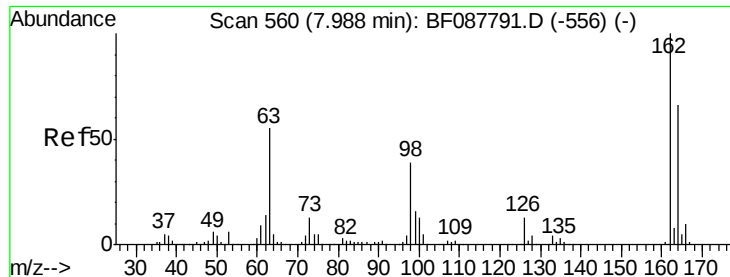
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#28
bis(2-Chloroethoxy)methane
Concen: 43.53 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	400037		
95	32.7	26.5	39.7	
123	11.4	11.6	17.4	





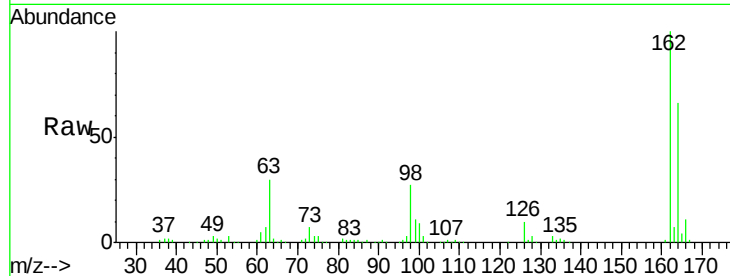
#29
 2,4-Dichlorophenol
 Concen: 43.44 ng
 RT: 7.94 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

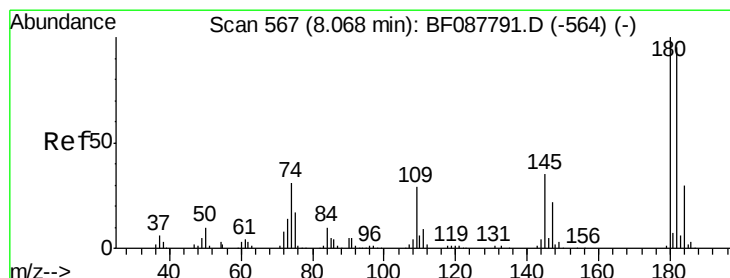
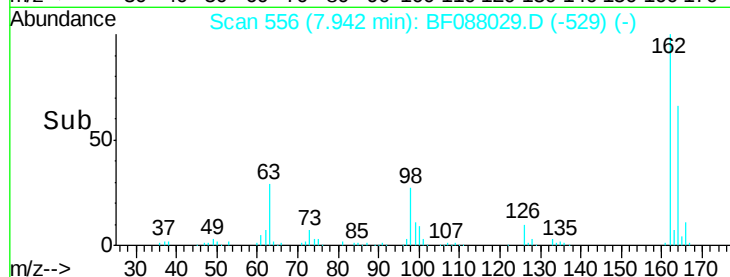
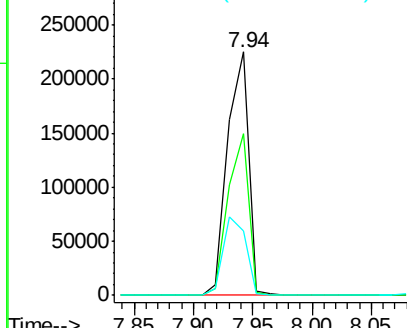
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.5	43.8	83.8
98	26.5	21.3	61.3

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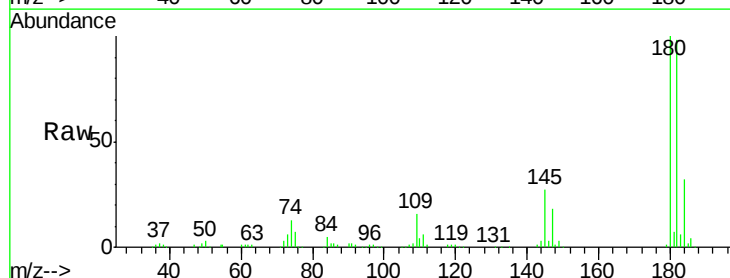


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

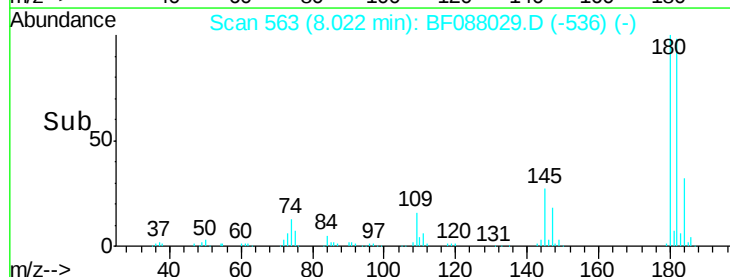
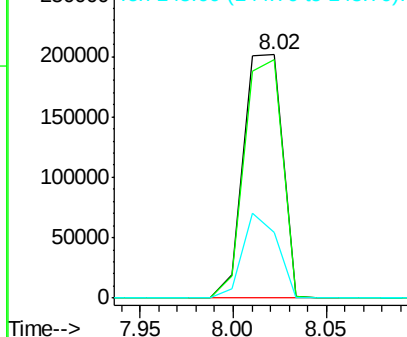


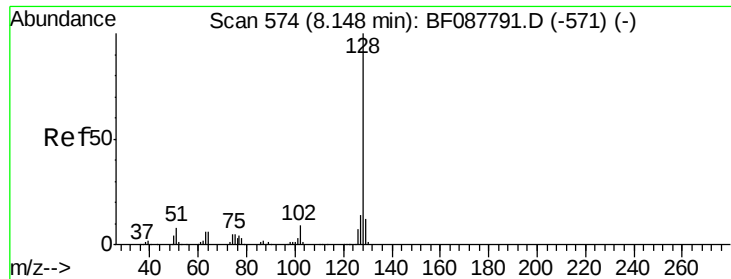
#30
 1,2,4-Trichlorobenzene
 Concen: 41.75 ng
 RT: 8.02 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.7	76.0	114.0
145	27.1	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





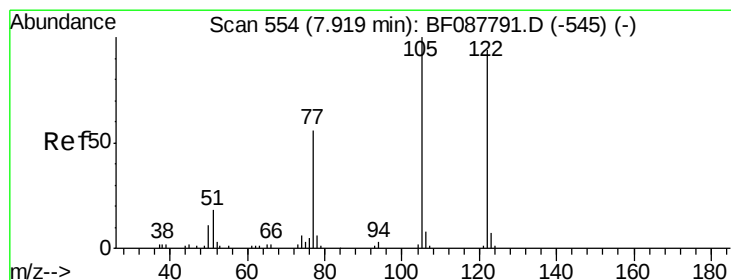
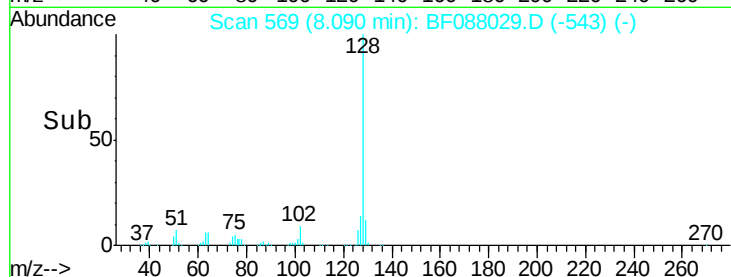
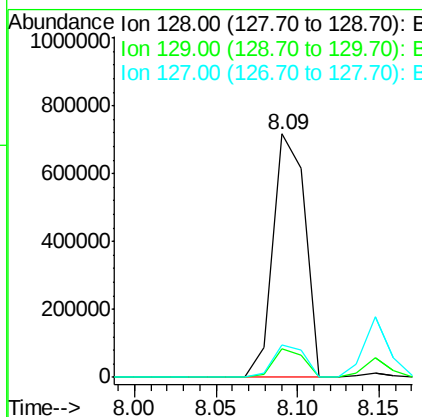
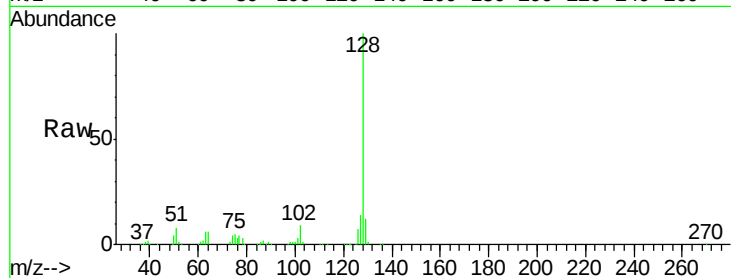
#31
Naphthalene
Concen: 42.26 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Tot Ion:	128	Resp:	976766
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.4	14.2
127	13.5	10.9	16.3

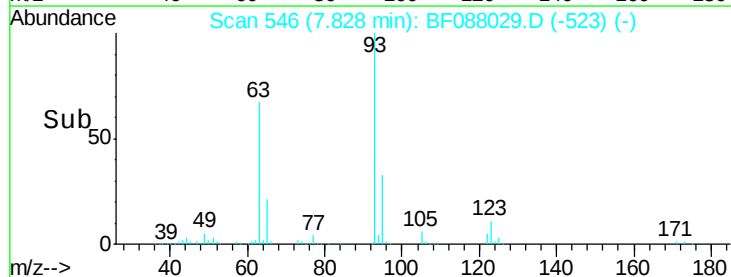
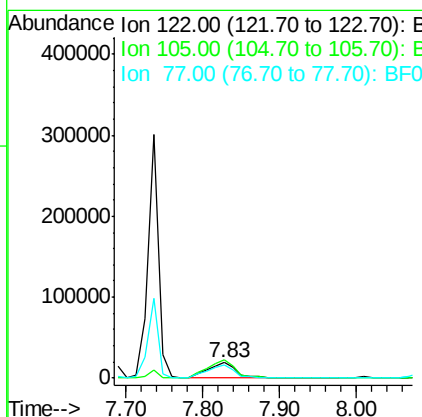
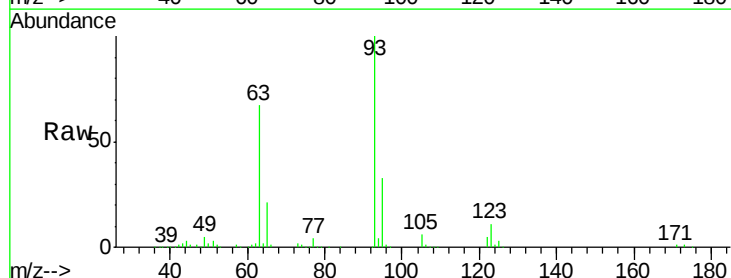
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#32
Benzoic acid
Concen: 12.02 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion:	122	Resp:	50598
Ion Ratio	Lower	Upper	
122	100		
105	121.4	101.6	141.6
77	84.7	70.6	110.6





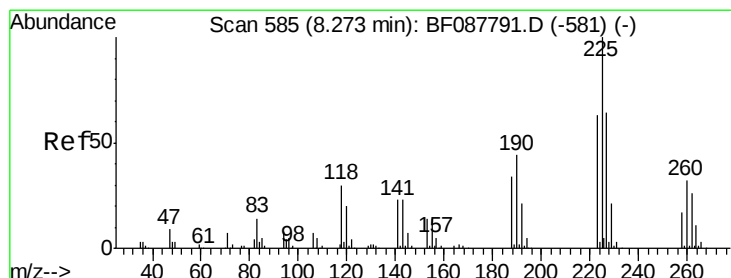
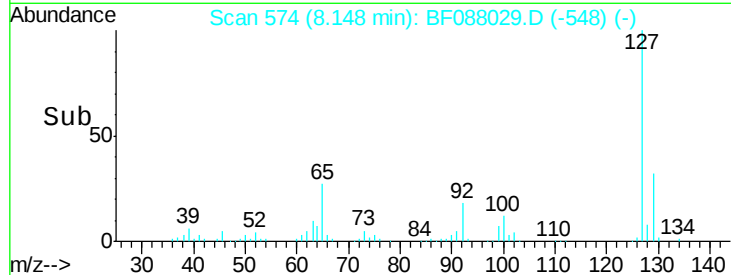
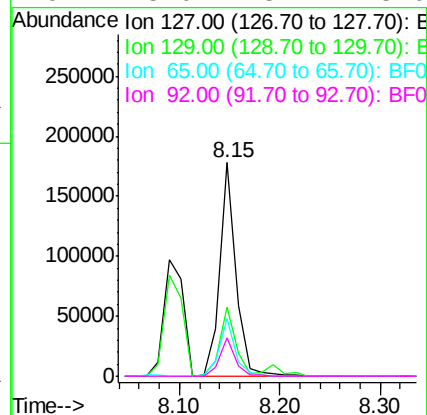
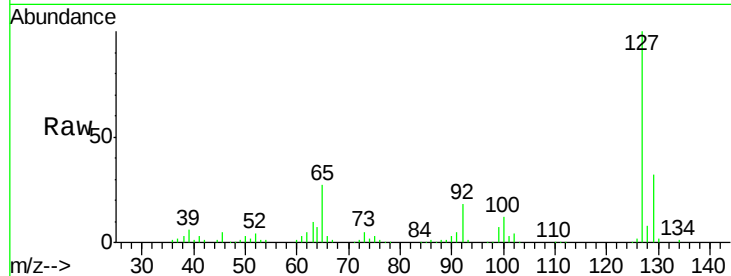
#33
4-Chloroaniline
Concen: 19.32 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.3	39.5		
65	27.2	24.7	37.1		
92	18.0	15.4	23.0		

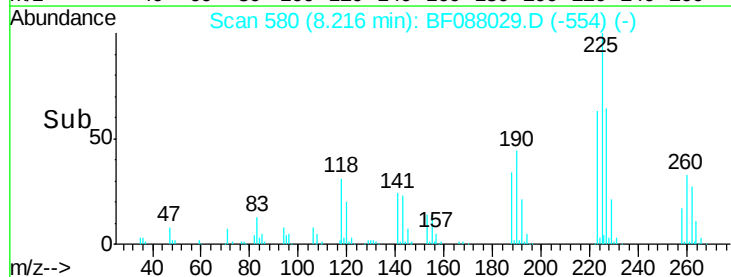
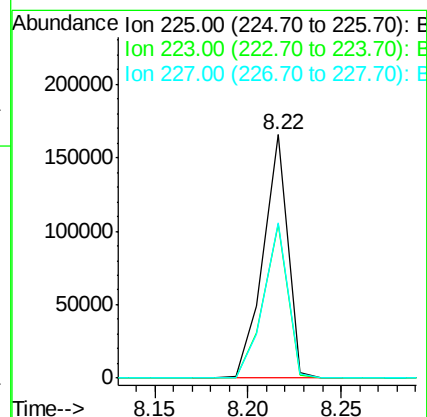
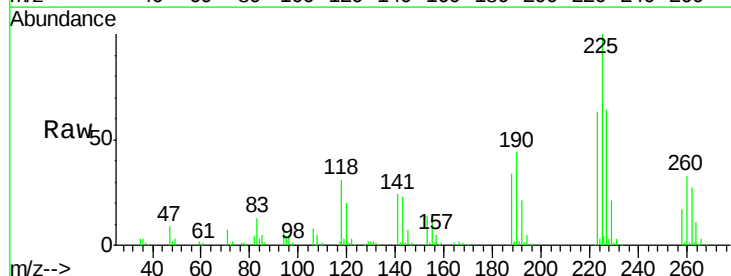
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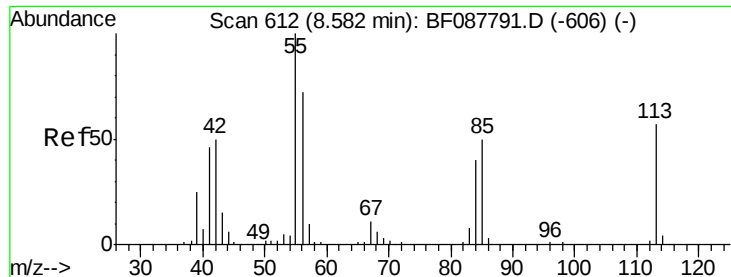
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#34
Hexachlorobutadiene
Concen: 41.08 ng
RT: 8.22 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	50.9	76.3		
227	63.9	51.9	77.9		





#35

Caprolactam

Concen: 6.47 ng

RT: 8.52 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

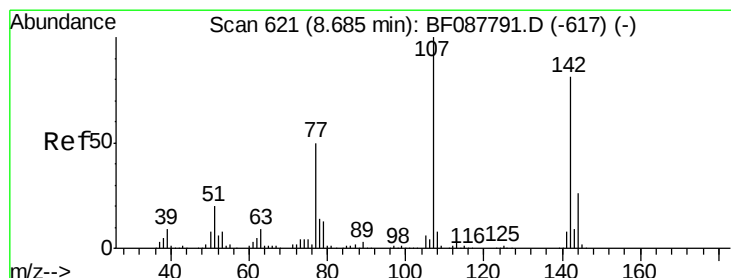
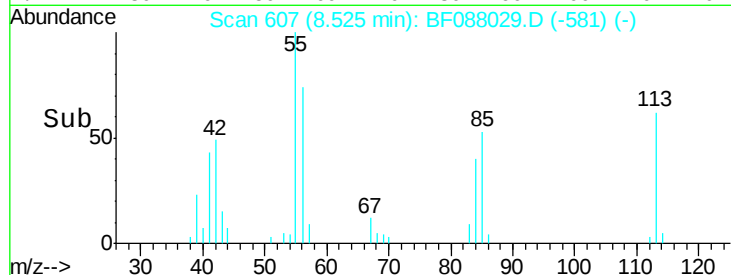
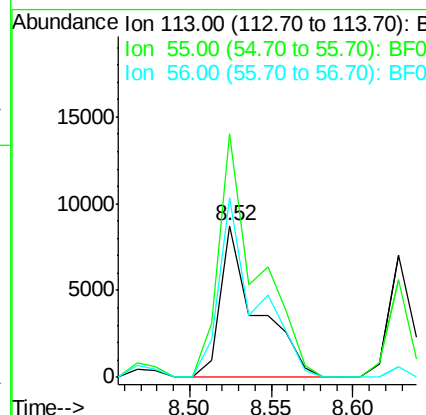
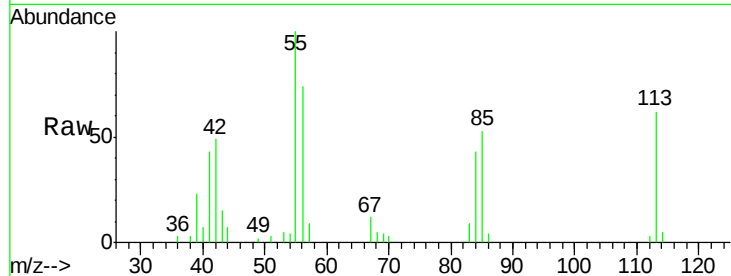
ClientSampleId :

SP16-LF2MW2MSD

Tot Ion:	113	Resp:	13670
Ion Ratio	Lower	Upper	
113	100		
55	160.4	158.6	198.6
56	118.6	110.6	150.6

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#36

4-Chloro-3-methylphenol

Concen: 34.84 ng

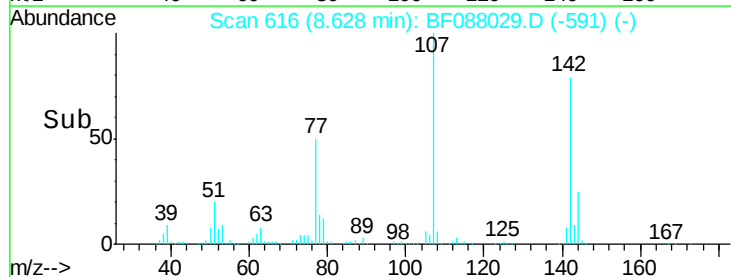
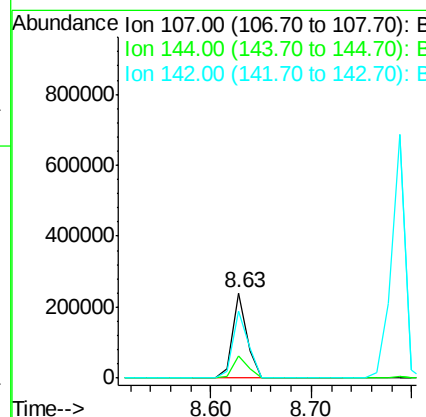
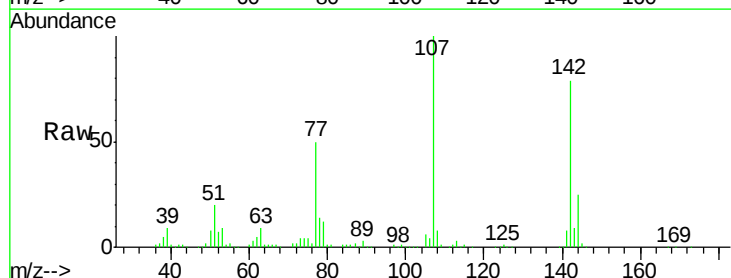
RT: 8.63 min Scan# 616

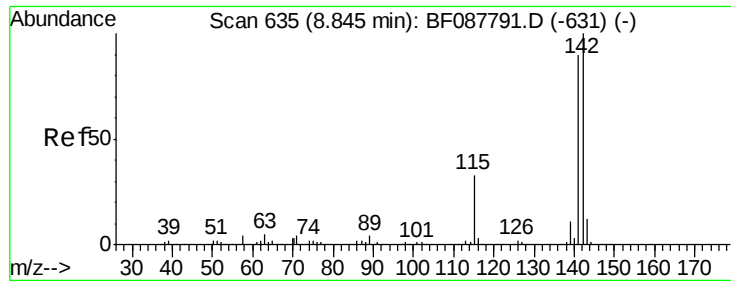
Delta R.T. -0.01 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Tgt Ion:	107	Resp:	237743
Ion Ratio	Lower	Upper	
107	100		
144	25.3	20.8	31.2
142	79.0	63.4	95.2





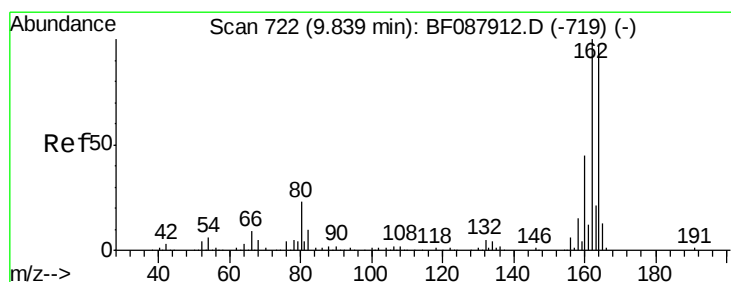
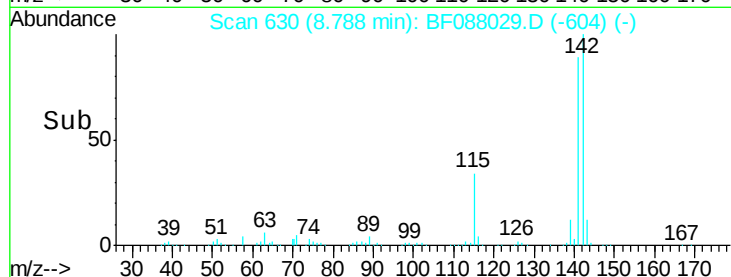
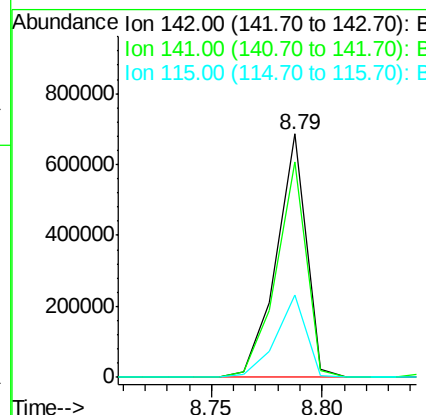
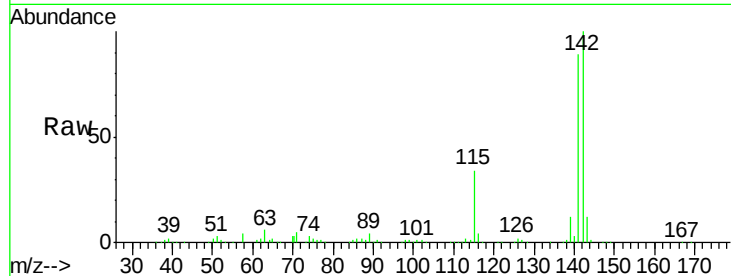
#37
2-Methylnaphthalene
Concen: 42.26 ng/ml
RT: 8.79 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.6
115	33.9	22.6	33.8

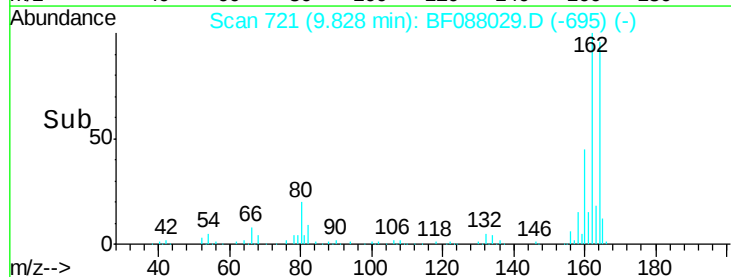
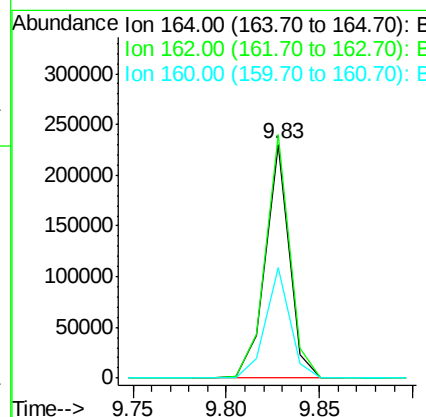
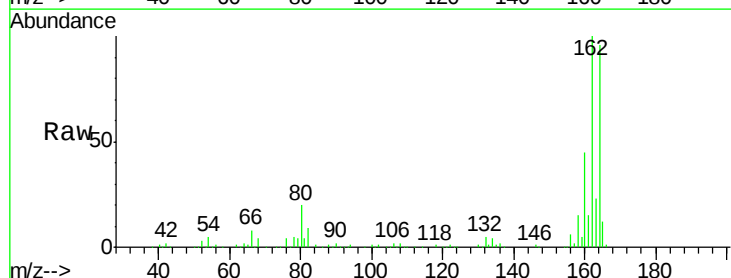
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.4	128.2
160	47.1	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 59.08 ng

RT: 8.96 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

Tot Ion:216 Resp: 279666
Ion Ratio Lower Upper

216 100

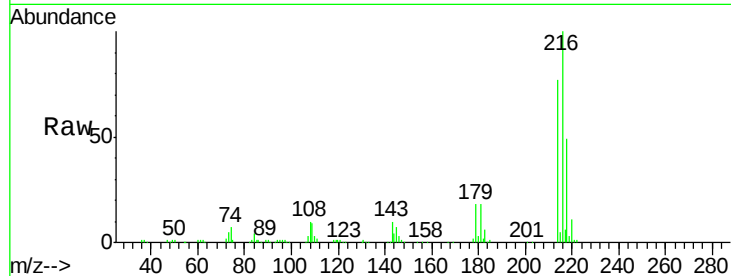
214 78.6 2.9 4.3#

179 21.2 0.0 0.0#

108 18.0 0.5 0.7#

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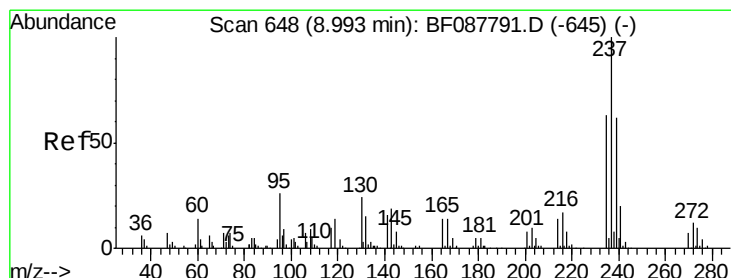
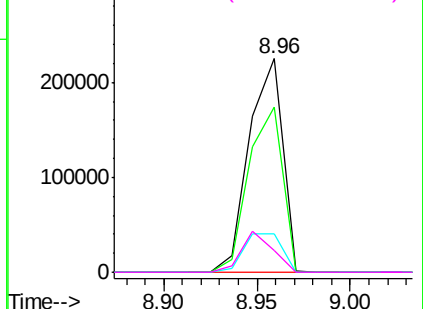
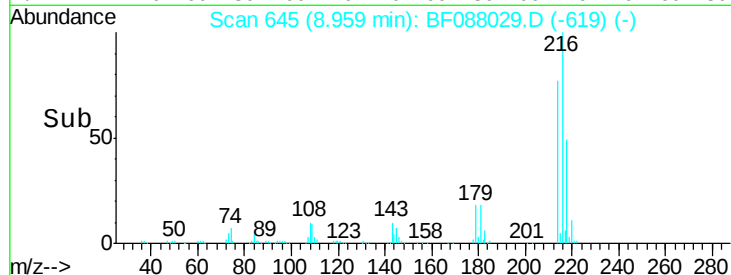


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 12.15 ng

RT: 8.94 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF088029.D

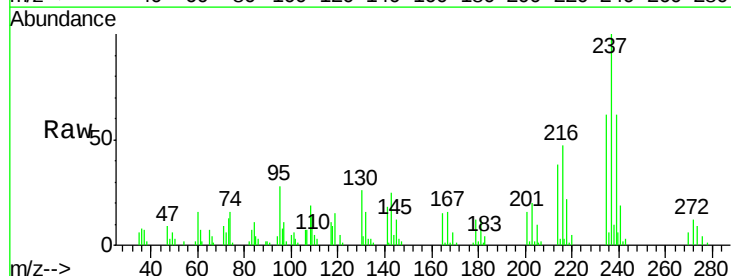
Acq: 15 Jun 2016 6:16

Tgt Ion:237 Resp: 39817
Ion Ratio Lower Upper

237 100

235 61.9 43.4 83.4

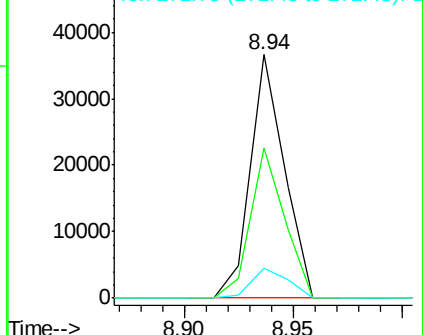
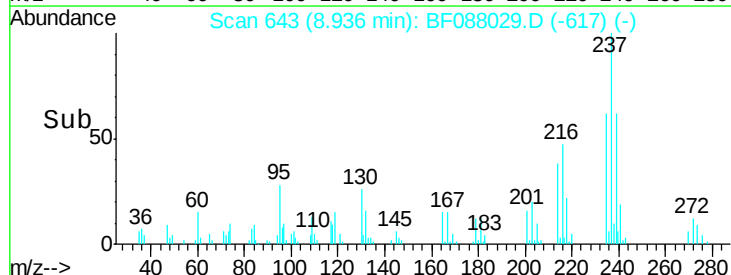
272 12.3 0.0 32.3

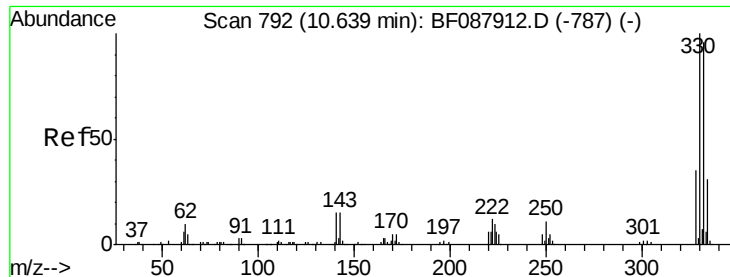


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





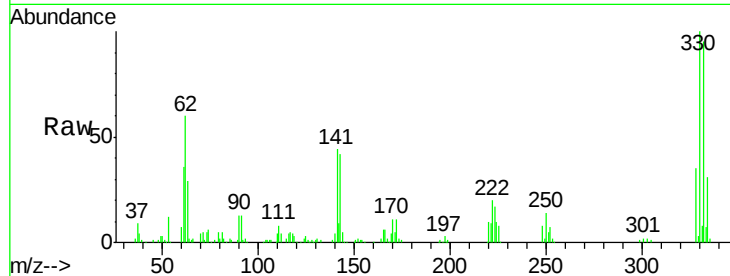
#41
 2,4,6-Tribromophenol
 Concen: 89.73 ng
 RT: 10.62 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

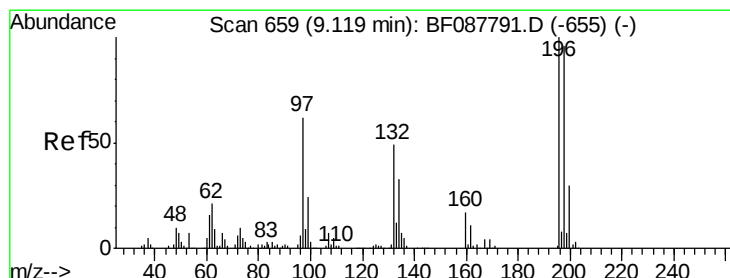
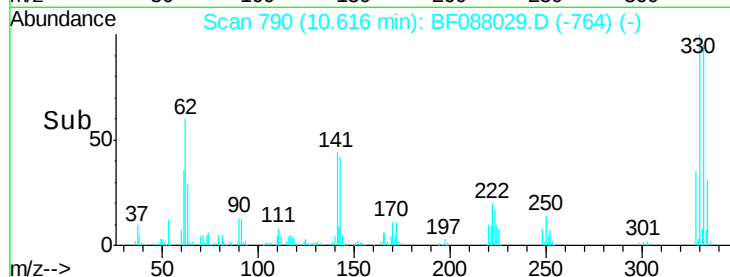
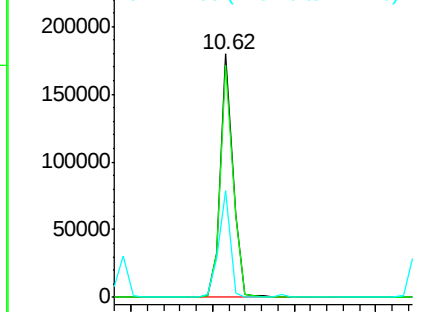
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	40.7	0.0	0.0#

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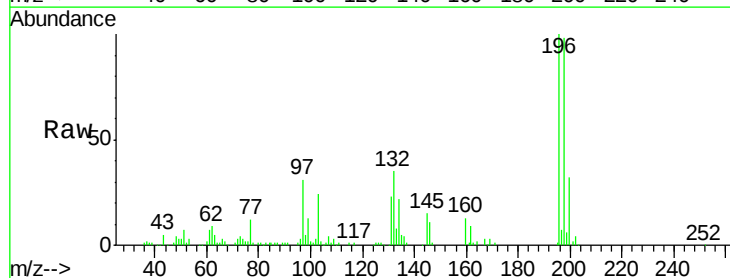


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

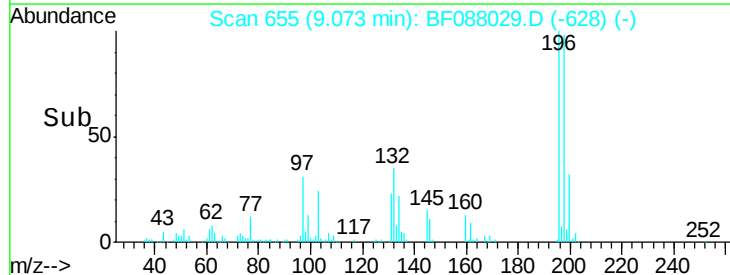
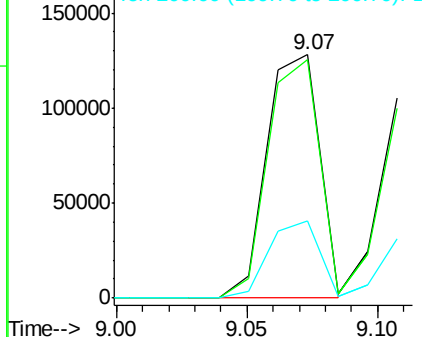


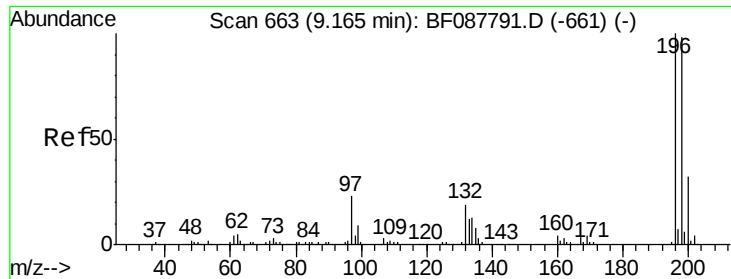
#42
 2,4,6-Trichlorophenol
 Concen: 44.19 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	97.9	78.0	117.0
200	31.9	25.4	38.2



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





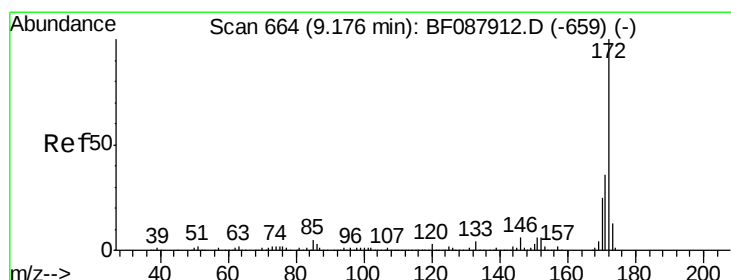
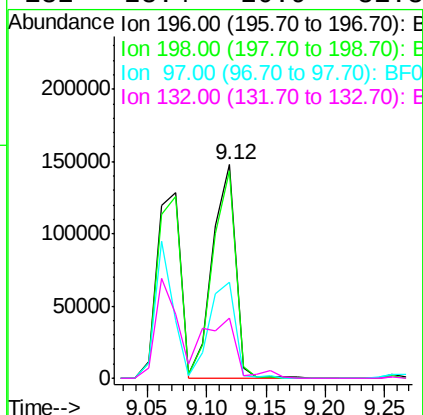
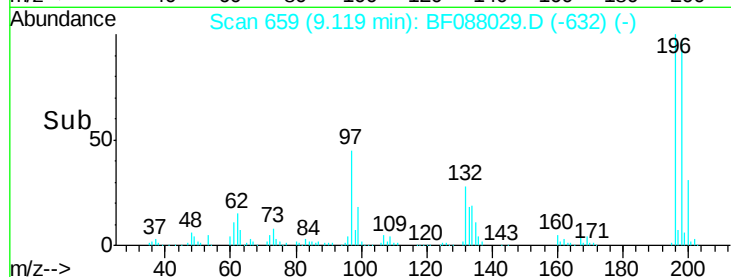
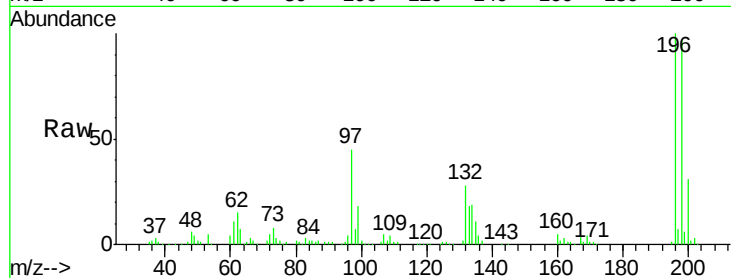
#43
 2,4,5-Trichlorophenol
 Concen: 46.71 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		197531		
198	97.1	77.5	116.3		
97	45.0	32.0	48.0		
132	28.4	20.9	31.3		

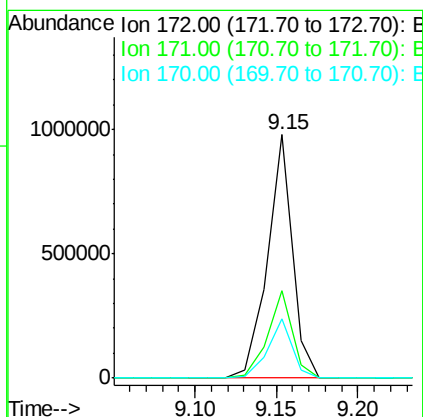
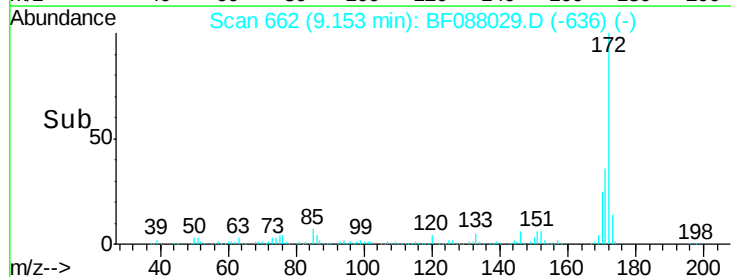
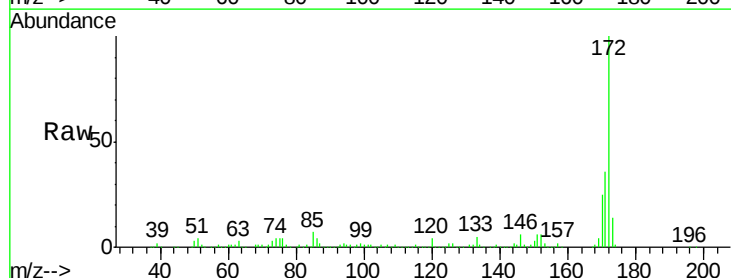
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#44
 2-Fluorobiphenyl
 Concen: 80.18 ng
 RT: 9.15 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1041452		
171	36.1	28.6	43.0		
170	24.5	19.2	28.8		





#45

1,1'-Biphenyl

Concen: 53.51 ng

RT: 9.26 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

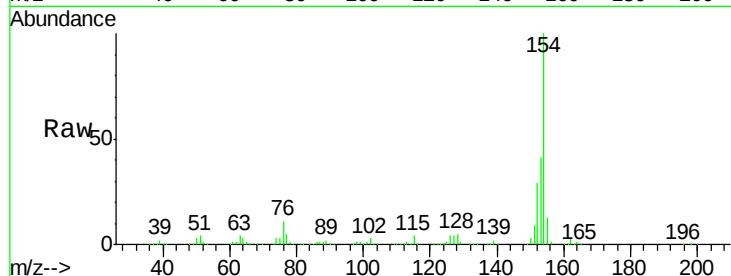
ClientSampleId :

SP16-LF2MW2MSD

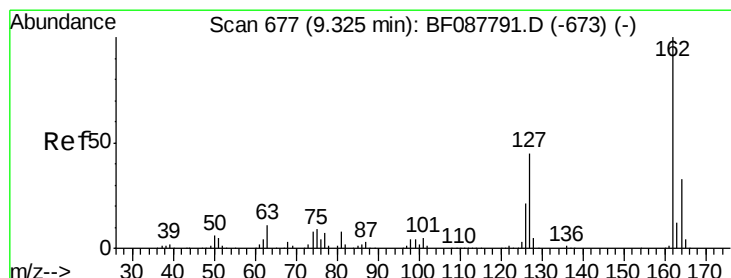
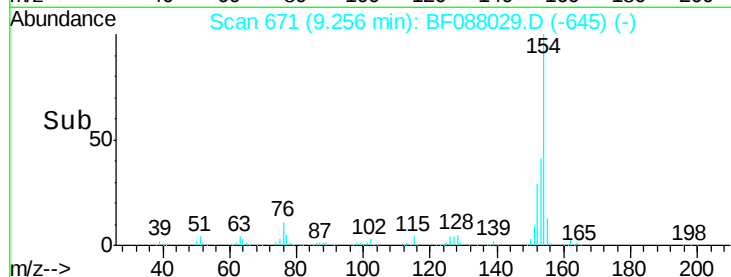
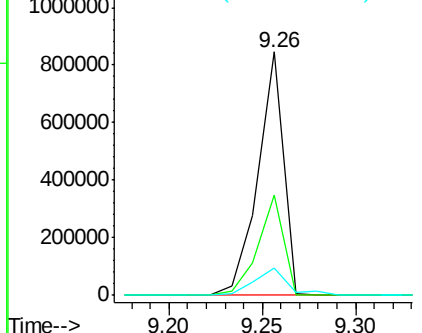
Tot Ion:	154	Resp:	798464
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.6	60.6
76	11.1	0.0	35.1

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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: 46.81 ng

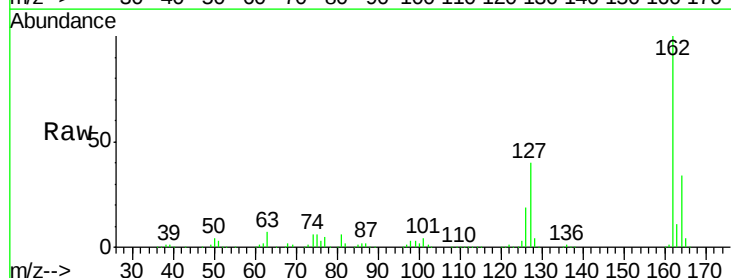
RT: 9.28 min Scan# 673

Delta R.T. 0.00 min

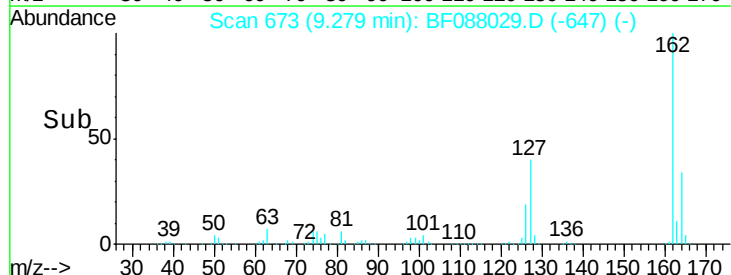
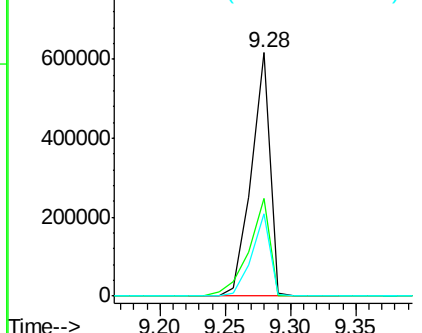
Lab File: BF088029.D

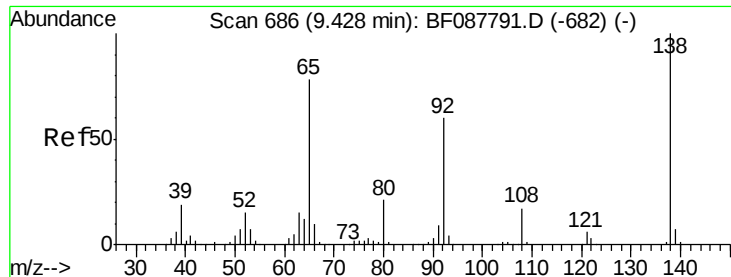
Acq: 15 Jun 2016 6:16

Tgt Ion:	162	Resp:	615661
Ion Ratio	Lower	Upper	
162	100		
127	40.3	35.2	52.8
164	33.9	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





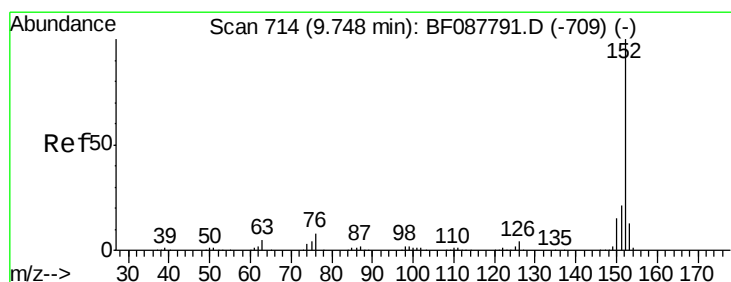
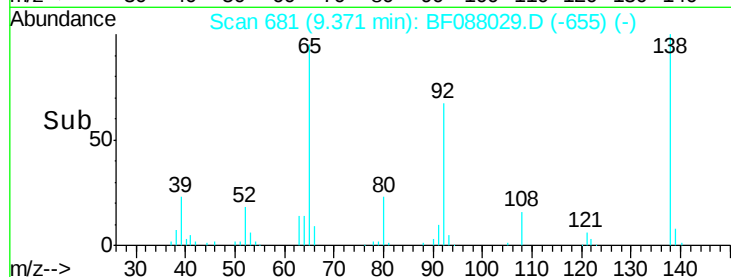
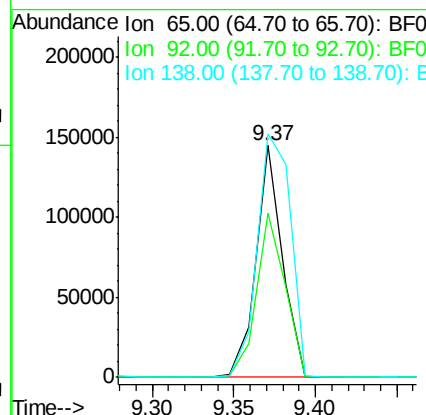
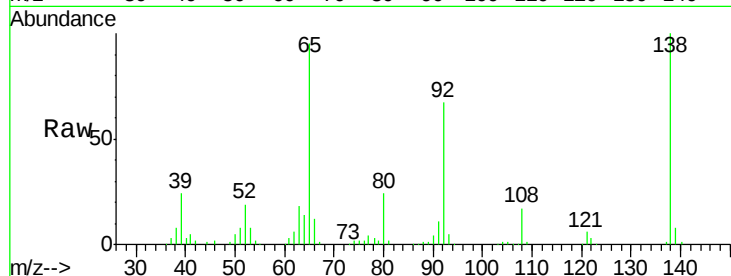
#47
2-Nitroaniline
Concen: 41.93 ng
RT: 9.37 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.7	54.6	82.0
138	105.0	77.0	115.4

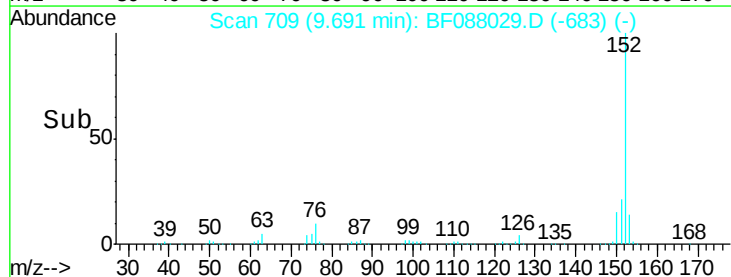
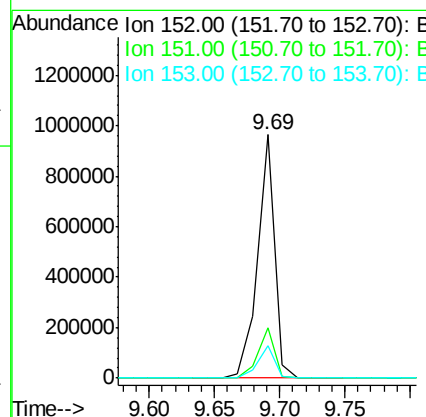
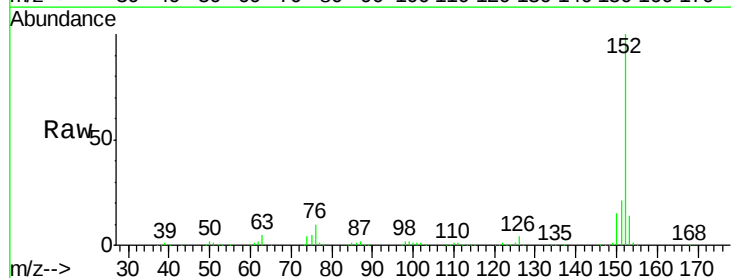
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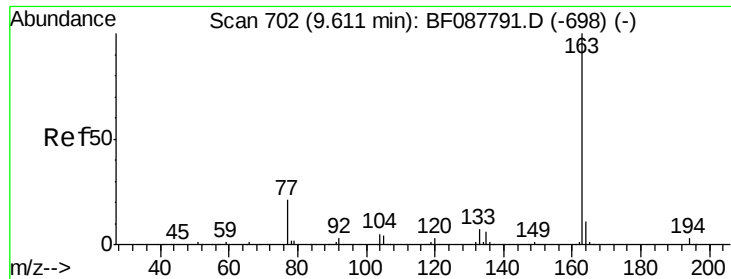
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#48
Acenaphthylene
Concen: 41.94 ng
RT: 9.69 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4
153	13.5	11.0	16.6





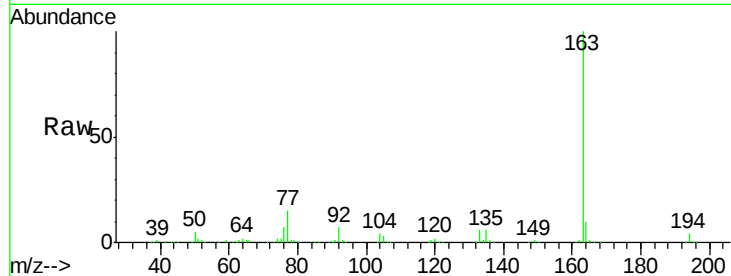
#49
Dimethylphthalate
Concen: 53.95 ng
RT: 9.56 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

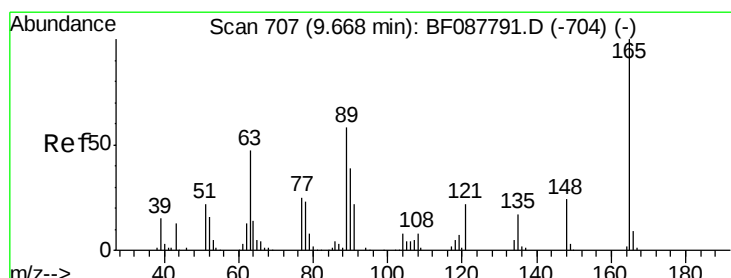
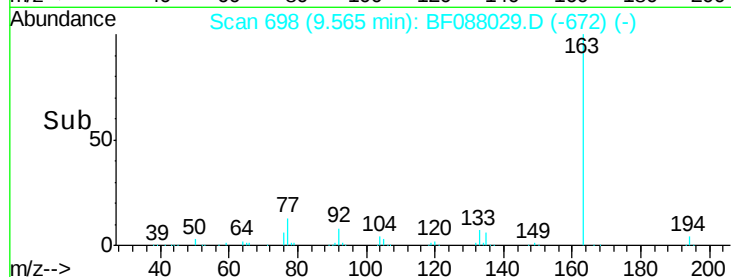
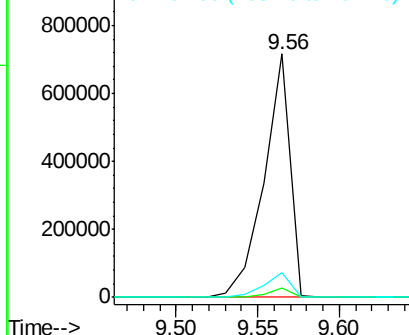
Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	2.8	4.2
164	10.2	8.3	12.5

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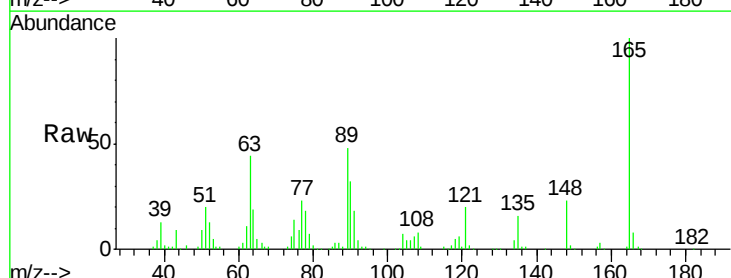


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

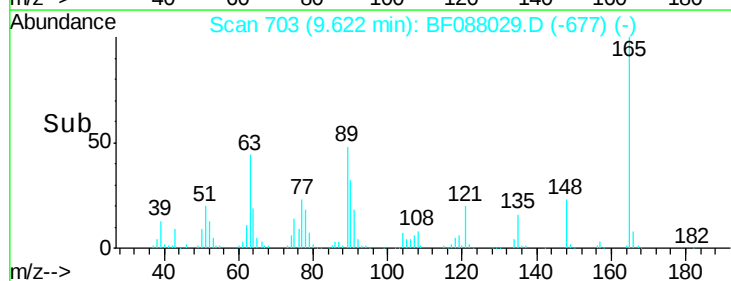
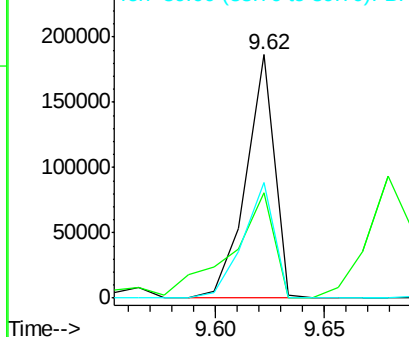


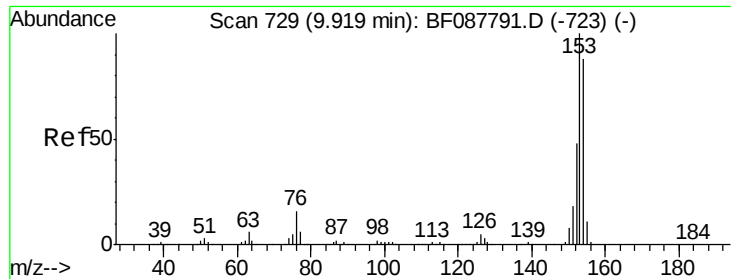
#50
2,6-Dinitrotoluene
Concen: 50.33 ng
RT: 9.62 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	43.5	28.1	42.1#
89	47.5	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: 40.23 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

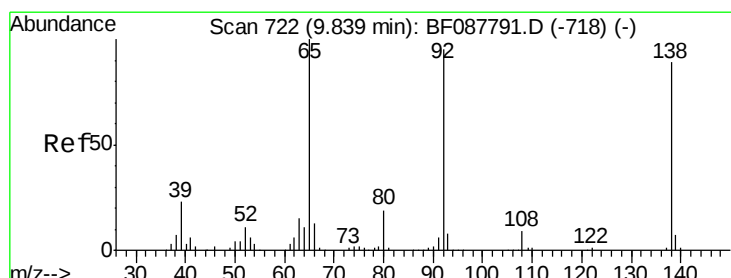
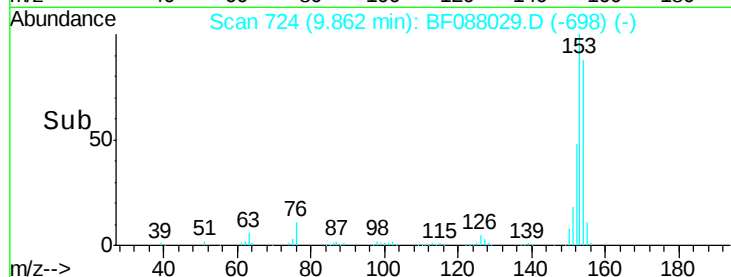
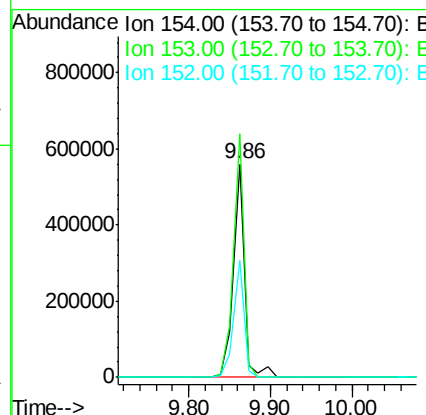
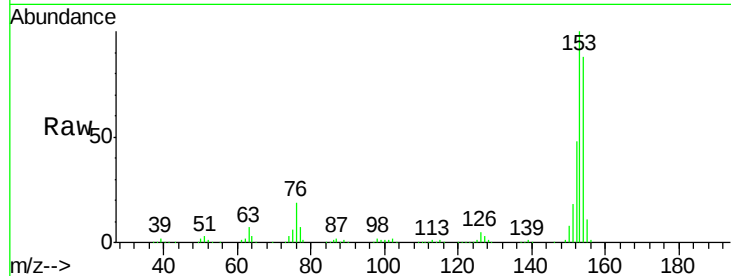
ClientSampleId :

SP16-LF2MW2MSD

Tot Ion:	154	Resp:	524969
Ion Ratio	Lower	Upper	
154	100		
153	114.1	89.5	134.3
152	54.8	42.7	64.1

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#52

3-Nitroaniline

Concen: 31.97 ng

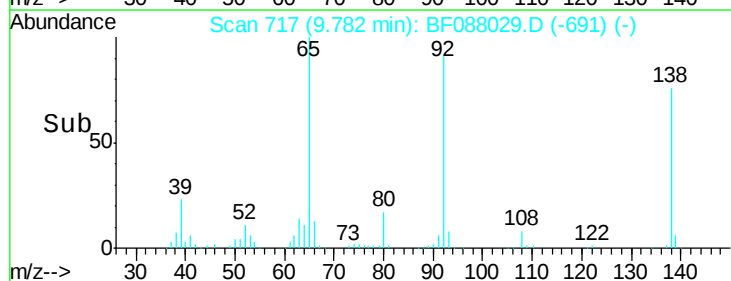
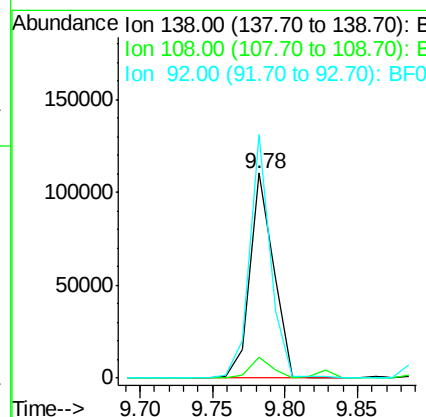
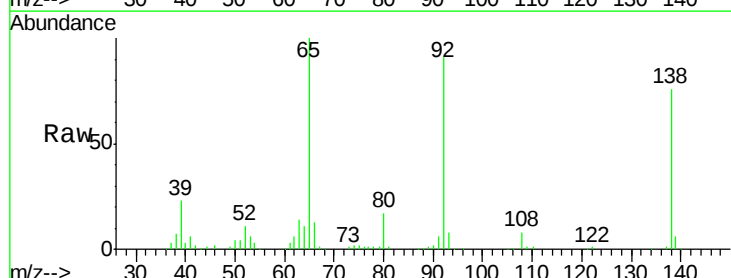
RT: 9.78 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Tgt Ion:	138	Resp:	124395
Ion Ratio	Lower	Upper	
138	100		
108	10.3	8.5	12.7
92	118.9	95.7	143.5





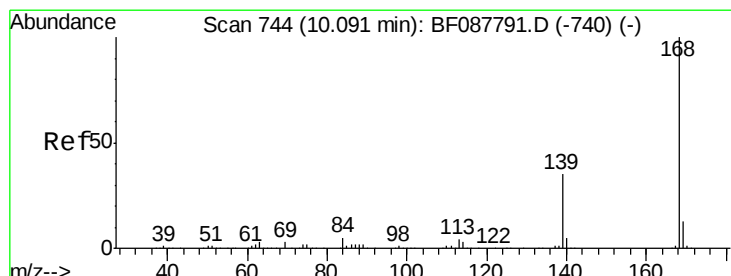
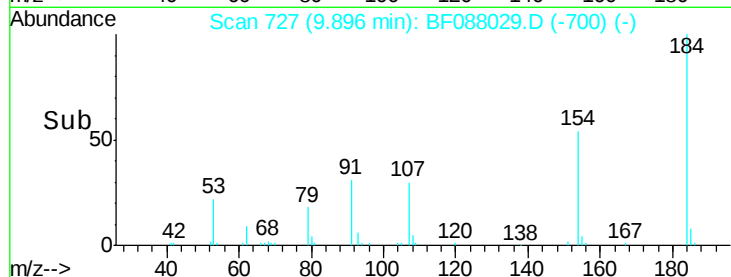
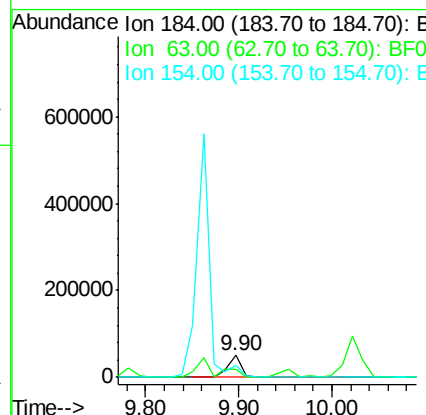
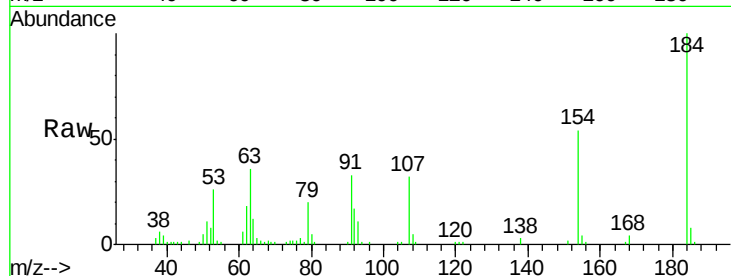
#53
 2,4-Dinitrophenol
 Concen: 35.06 ng
 RT: 9.90 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	53832		
63	35.5	57.6	86.4	#
154	54.3	53.5	80.3	

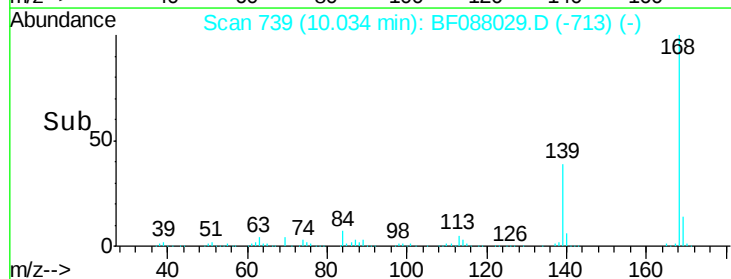
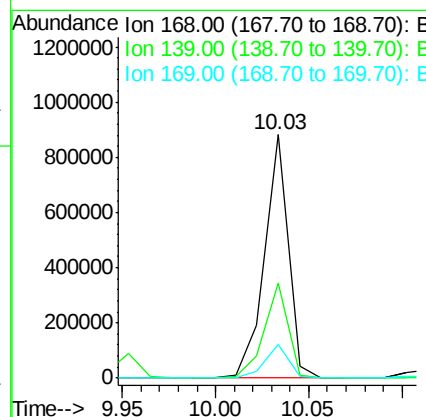
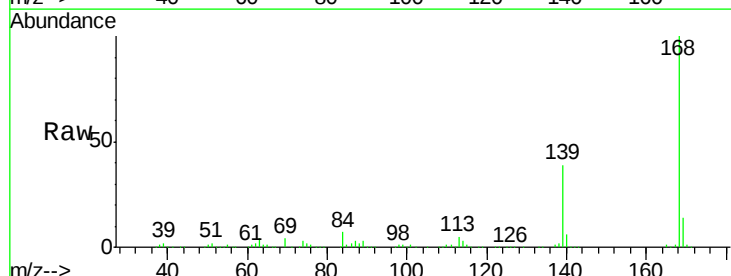
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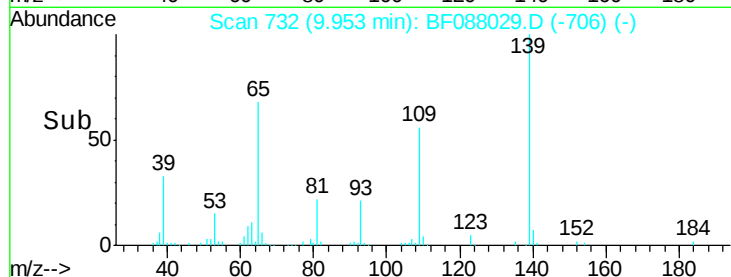
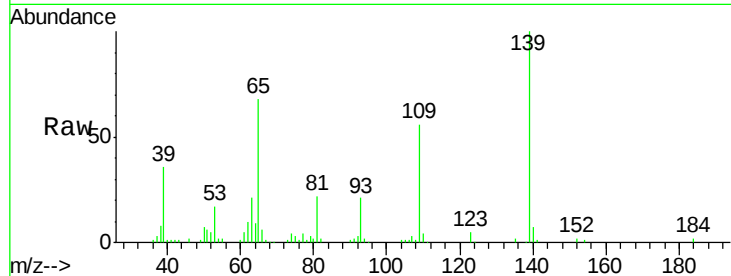
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#54
 Dibenzofuran
 Concen: 43.01 ng
 RT: 10.03 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	773037		
139	39.3	26.4	39.6	
169	13.8	10.4	15.6	





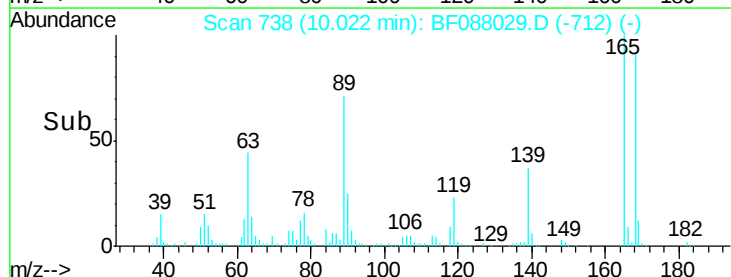
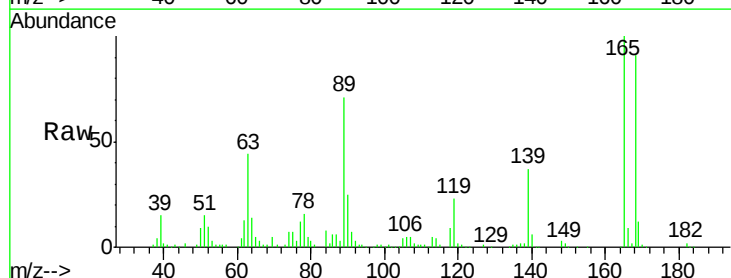
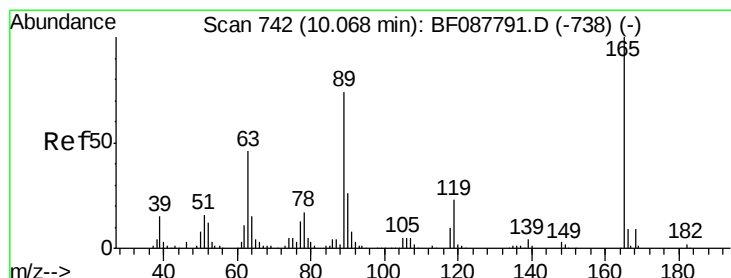
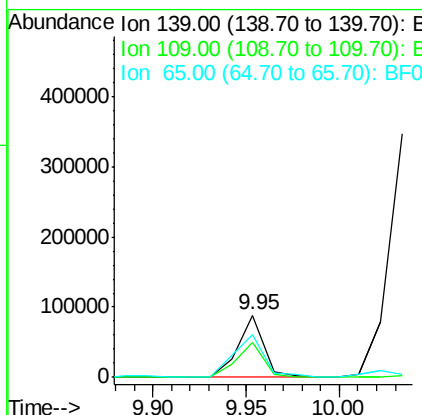
#55
4-Nitrophenol
Concen: 28.32 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	56.1	48.9	88.9	
65	68.4	84.9	124.9	

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

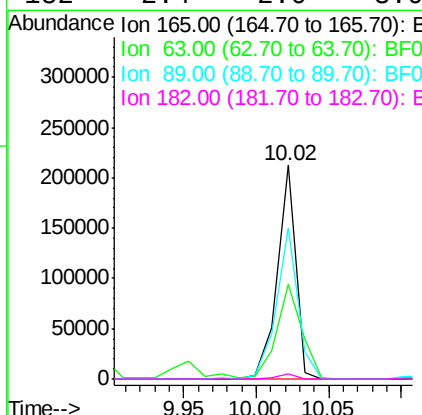
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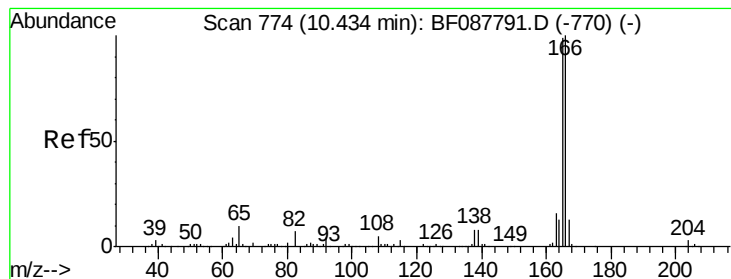
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#56
2,4-Dinitrotoluene
Concen: 43.43 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.4	22.0	33.0	
89	70.6	41.1	61.7	
182	2.4	2.0	3.0	





#57

Fluorene

Concen: 47.32 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

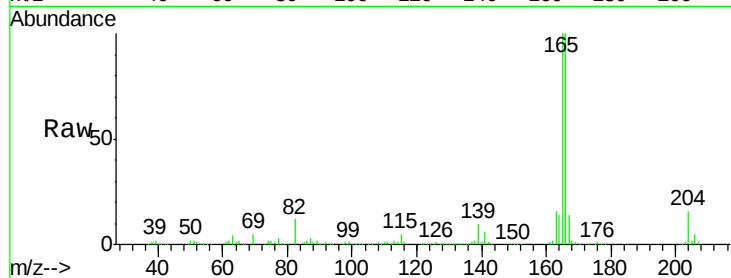
ClientSampleId :

SP16-LF2MW2MSD

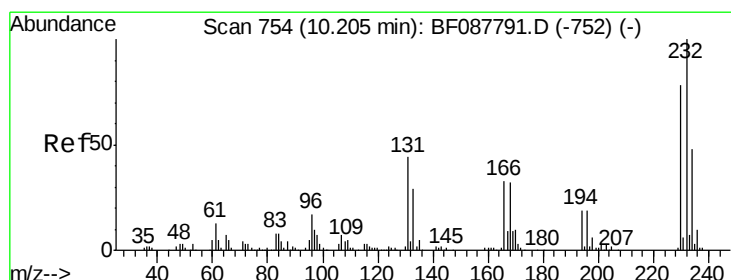
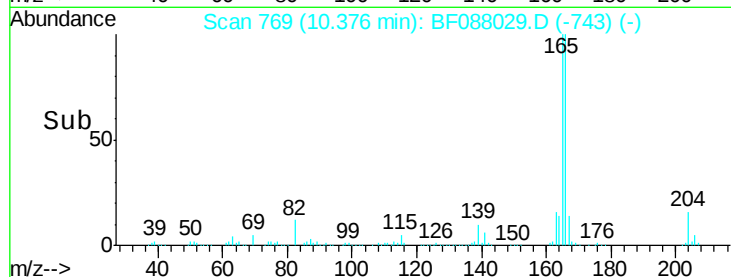
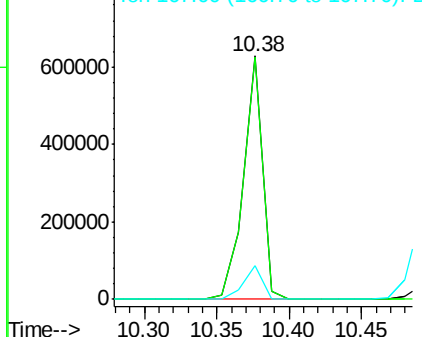
Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.6	77.8	116.8	
167	13.6	11.2	16.8	

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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: 40.57 ng

RT: 10.15 min Scan# 749

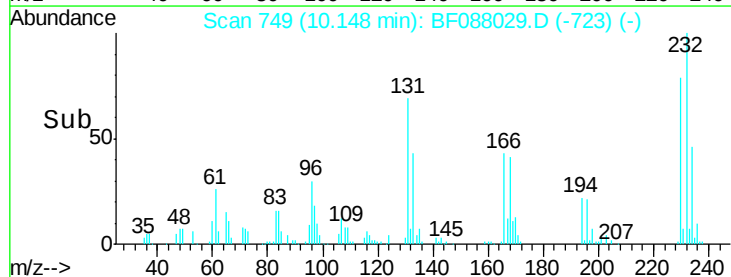
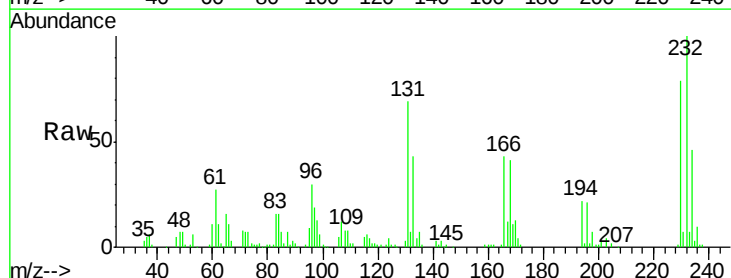
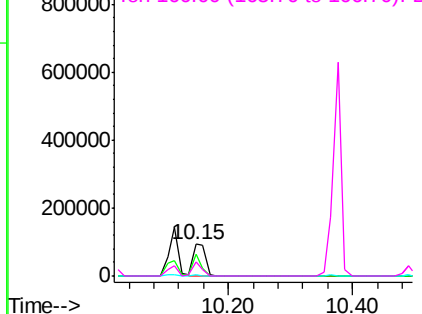
Delta R.T. 0.00 min

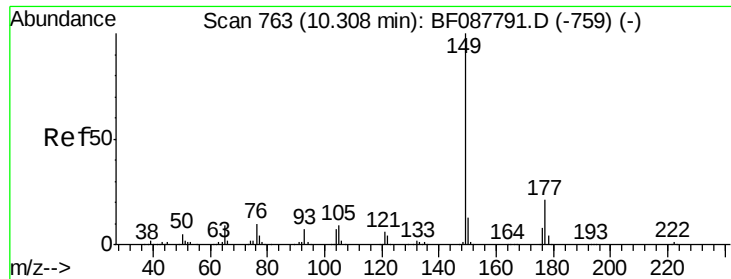
Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	48.1	0.9	1.3#	
130	2.1	1.5	2.3	
166	32.8	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





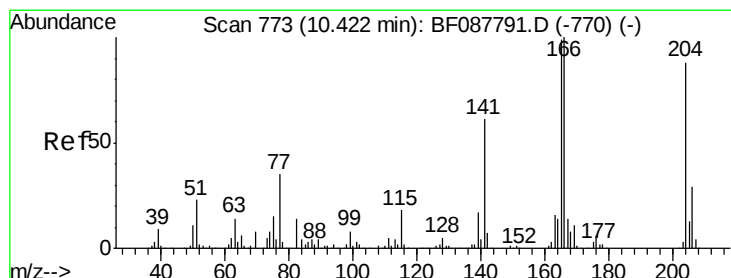
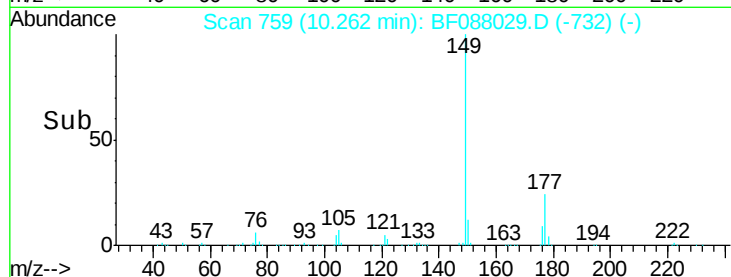
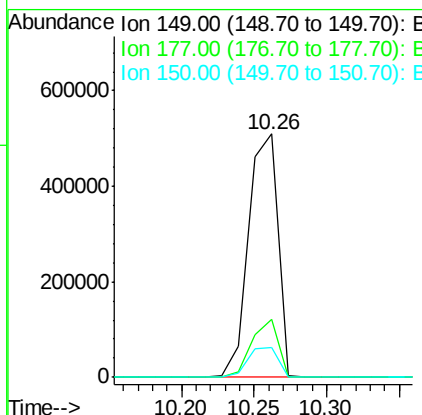
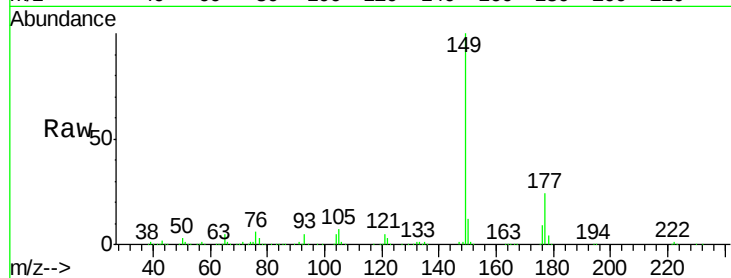
#59
Diethylphthalate
Concen: 48.06 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	716162		
177	23.7	16.9	25.3	
150	12.2	10.1	15.1	

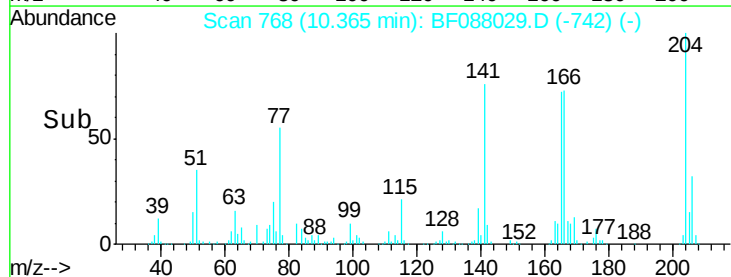
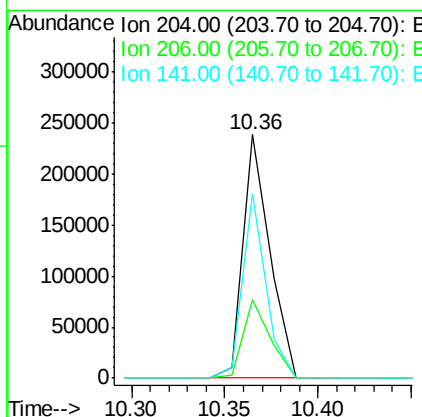
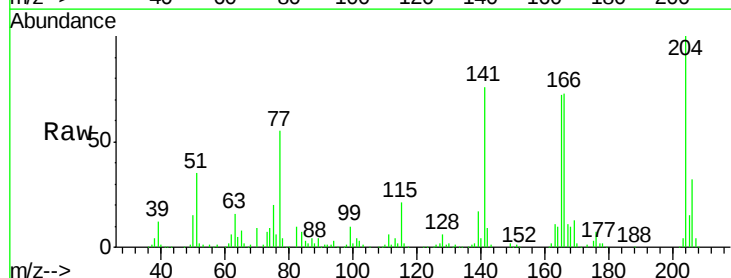
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#60
4-Chlorophenyl-phenylether
Concen: 39.83 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	238027		
206	32.3	26.3	39.5	
141	76.1	55.0	82.6	





#61

4-Nitroaniline

Concen: 38.71 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

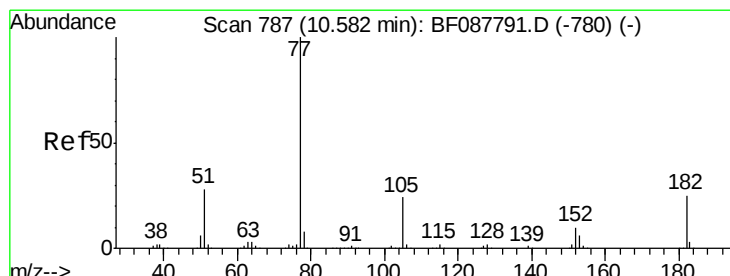
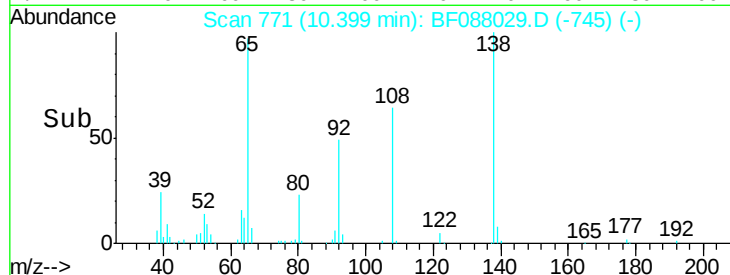
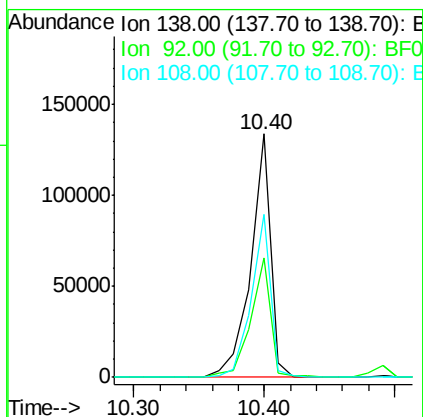
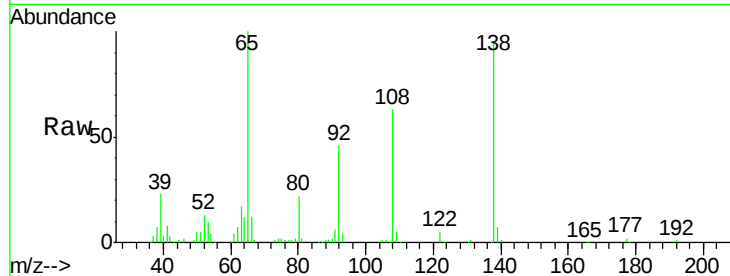
ClientSampleId :

SP16-LF2MW2MSD

Tot Ion:	138	Resp:	142864
Ion Ratio	Lower	Upper	
138	100		
92	49.0	27.3	67.3
108	66.9	46.7	86.7

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#62

Azobenzene

Concen: 41.52 ng

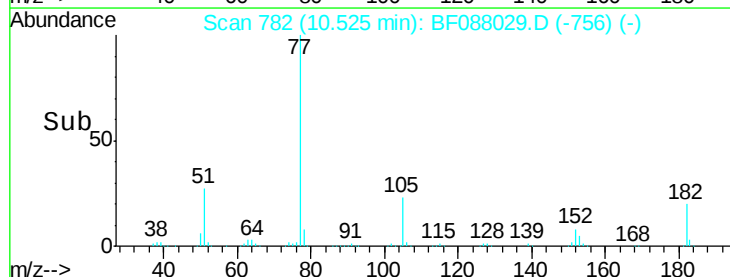
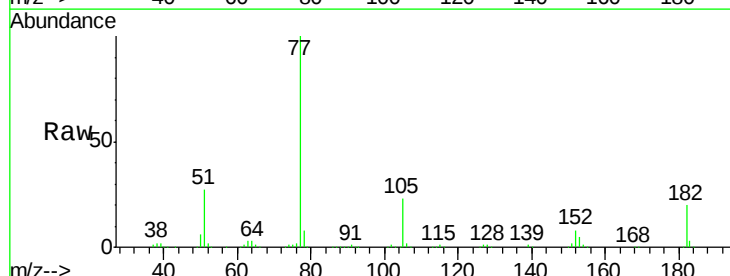
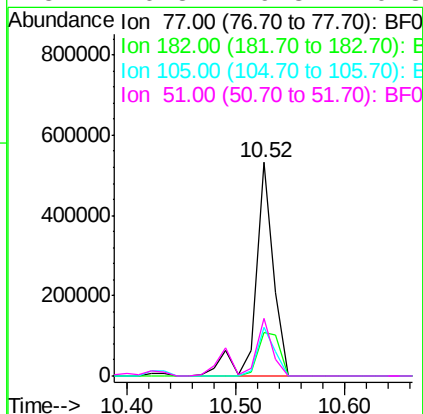
RT: 10.52 min Scan# 782

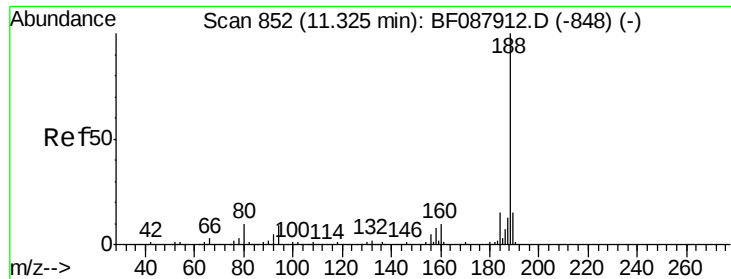
Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Tgt Ion:	77	Resp:	611819
Ion Ratio	Lower	Upper	
77	100		
182	20.5	4.4	44.4
105	22.7	3.8	43.8
51	26.8	9.3	49.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

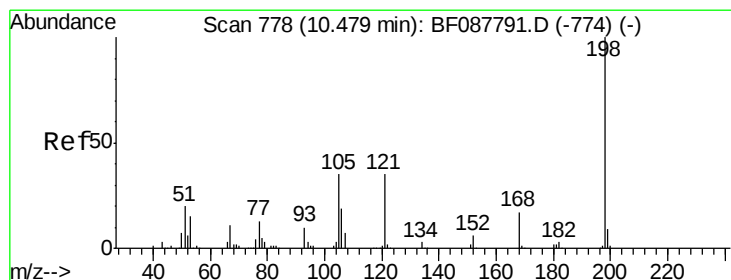
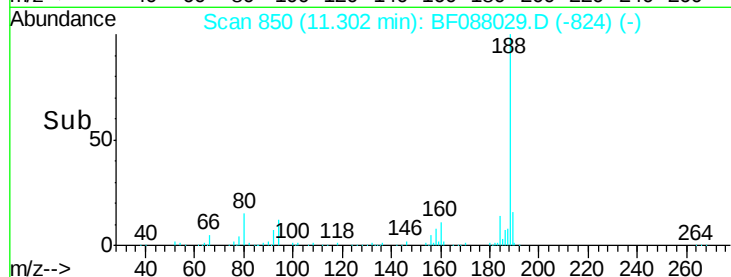
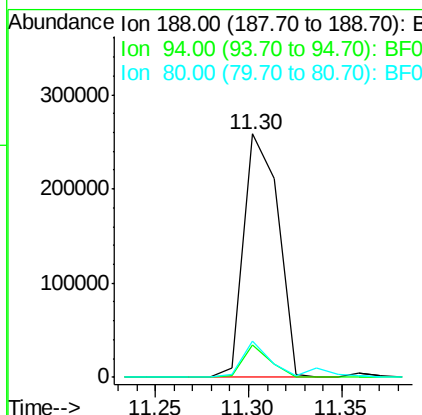
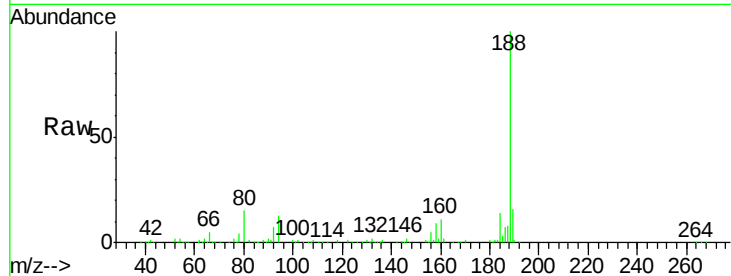
ClientSampleId :

SP16-LF2MW2MSD

Tot Ion:188	Resp:	331025
Ion Ratio	Lower	Upper
188 100		
94 13.4	9.0	13.6
80 14.7	10.0	15.0

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#64

4,6-Dinitro-2-methylphenol

Concen: 21.96 ng

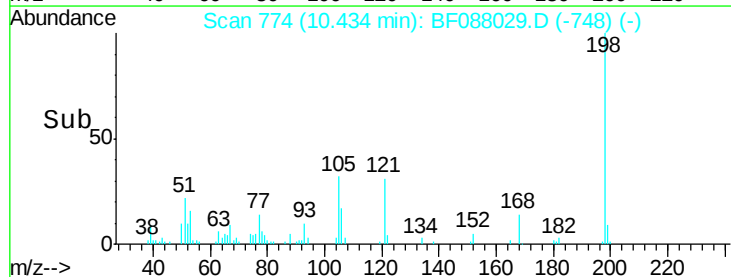
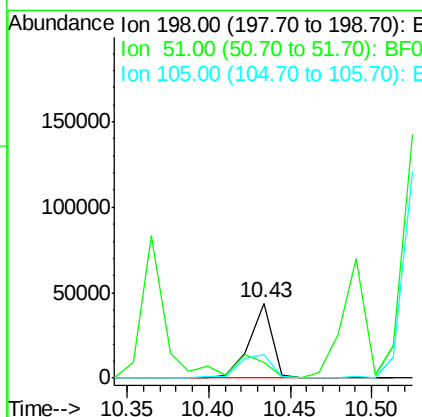
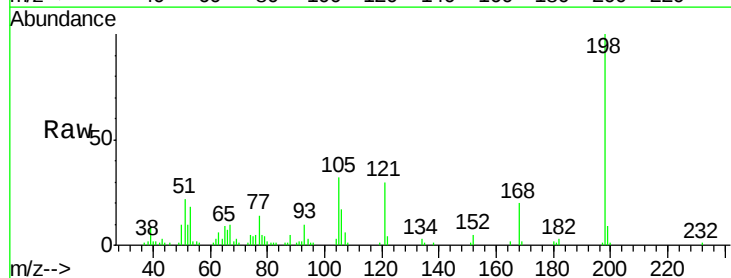
RT: 10.43 min Scan# 774

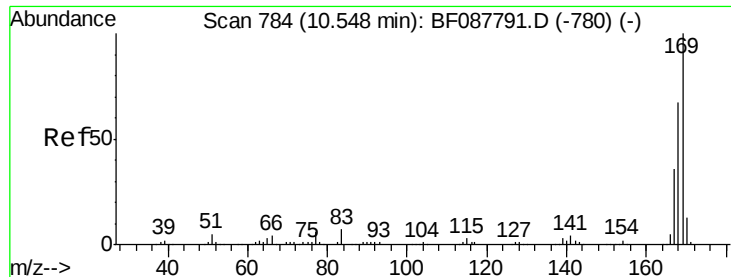
Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Tgt Ion:198	Resp:	42835
Ion Ratio	Lower	Upper
198 100		
51 21.8	39.6	79.6#
105 31.5	36.6	76.6#





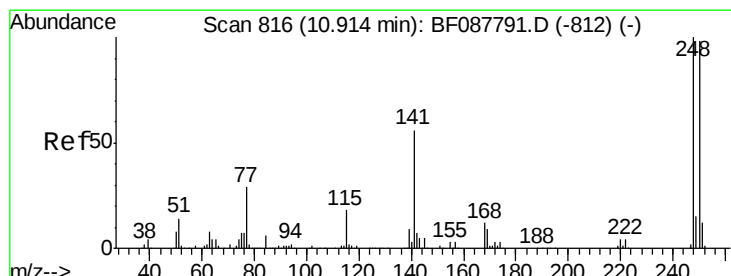
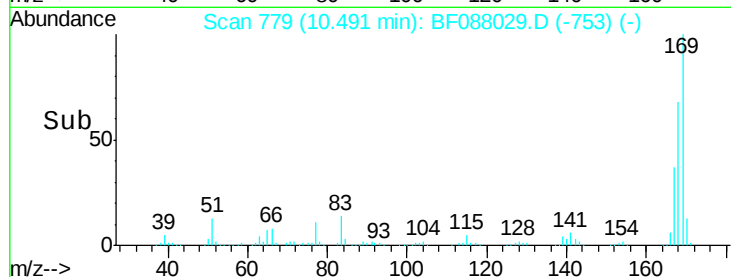
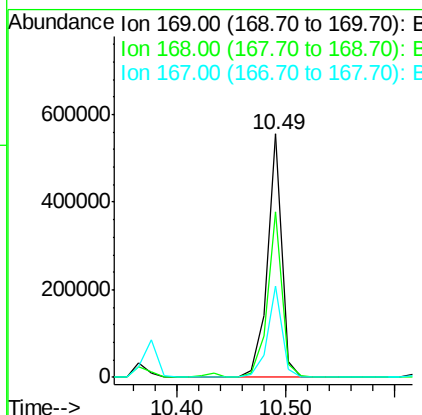
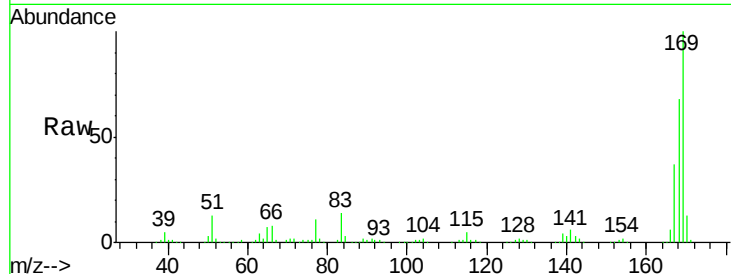
#65
n-Nitrosodiphenylamine
Concen: 46.83 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	514368		
168	68.0		53.4	80.0
167	37.4		29.4	44.0

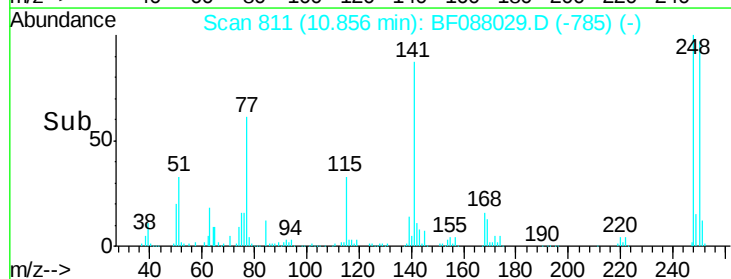
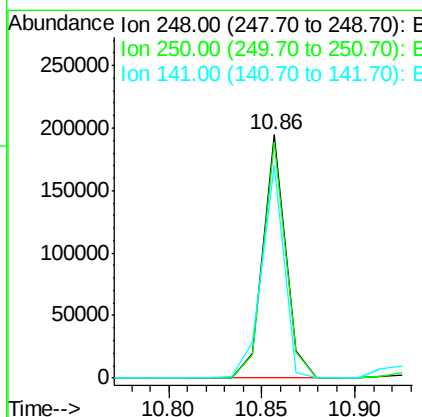
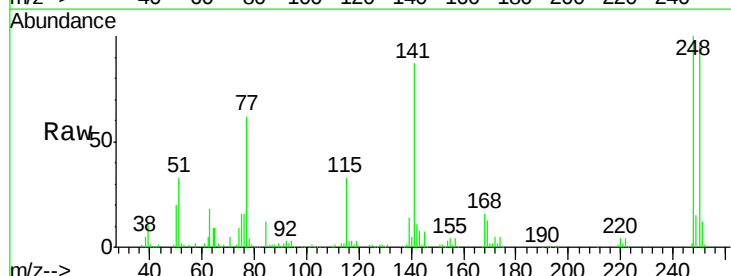
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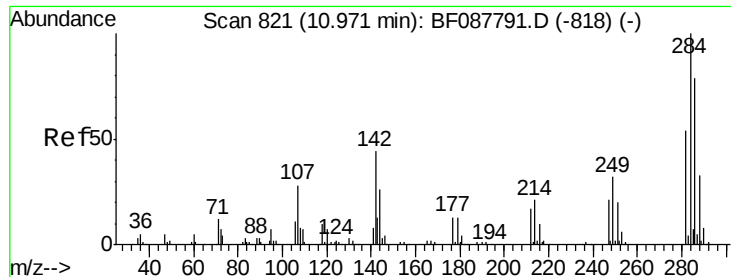
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#66
4-Bromophenyl-phenylether
Concen: 45.66 ng
RT: 10.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	162153		
250	96.8		77.1	115.7
141	87.4		50.6	76.0





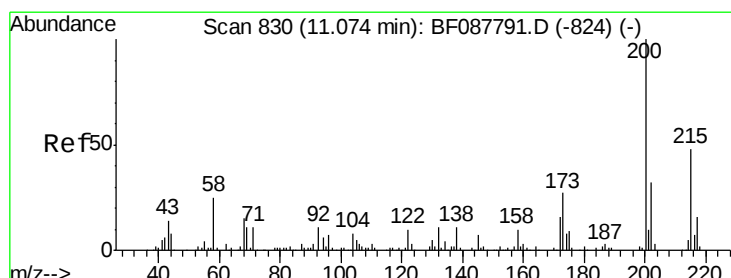
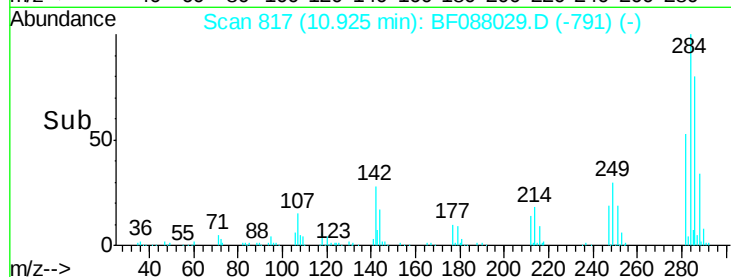
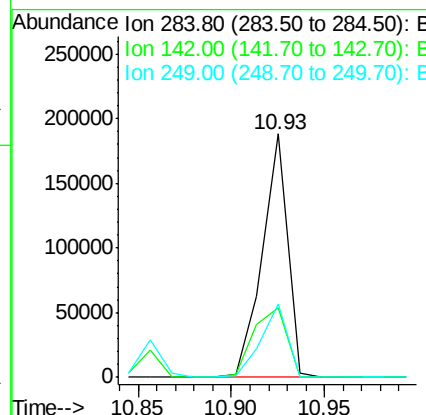
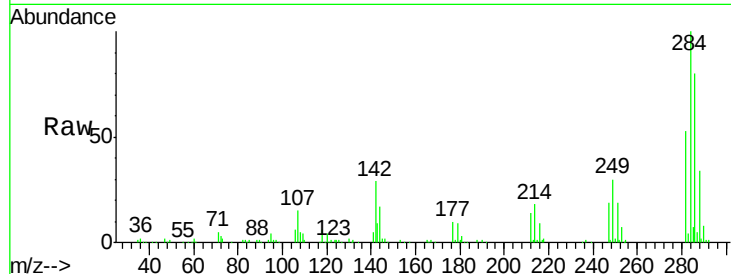
#67
Hexachlorobenzene
Concen: 47.54 ng
RT: 10.93 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	175427		
142	28.6	35.8	53.8#	
249	30.3	25.8	38.6	

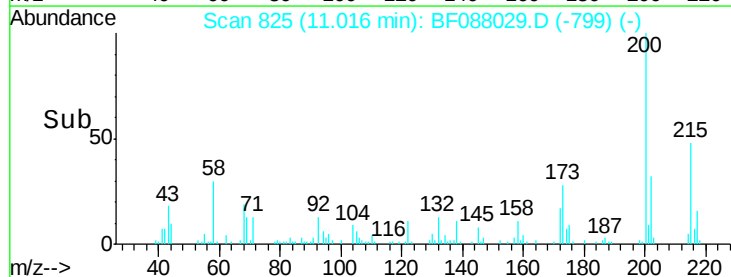
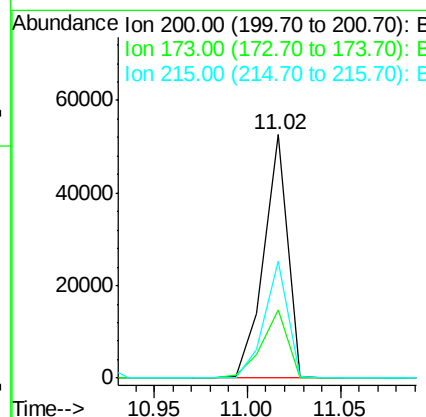
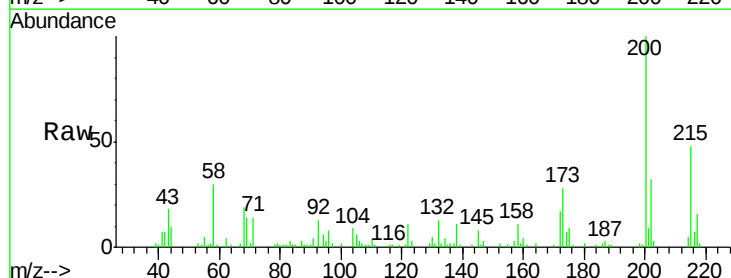
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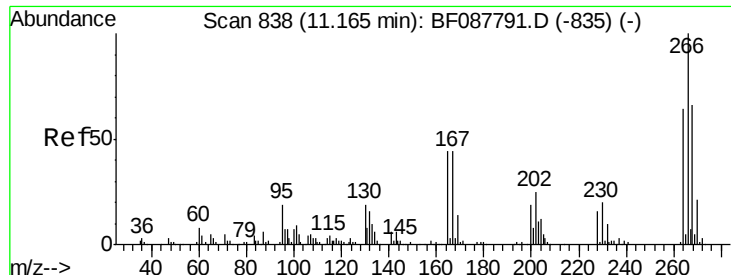
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#68
Atrazine
Concen: 13.94 ng
RT: 11.02 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	46357		
173	27.8	4.0	44.0	
215	48.3	29.3	69.3	





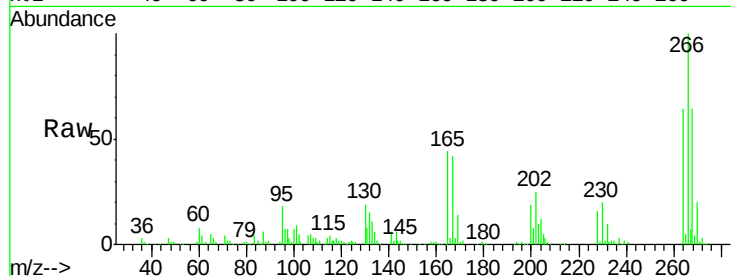
#69
 Pentachlorophenol
 Concen: 86.81 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

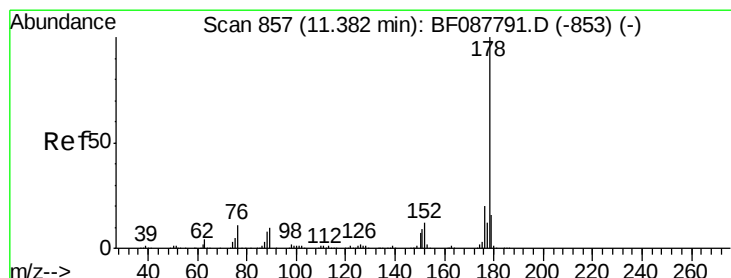
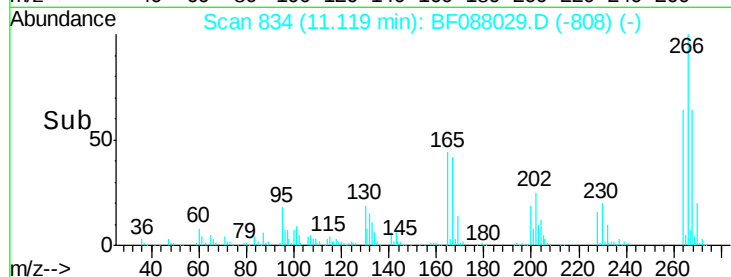
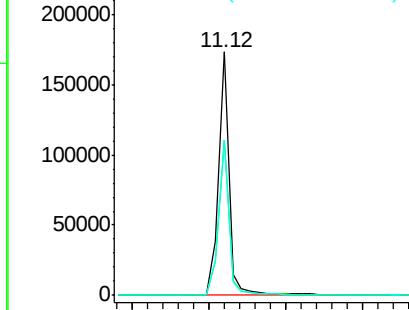
Tot Ion	Ratio	Resp	Lower	Upper
266	100	168846		
268	63.7	52.8	79.2	
264	63.6	49.6	74.4	

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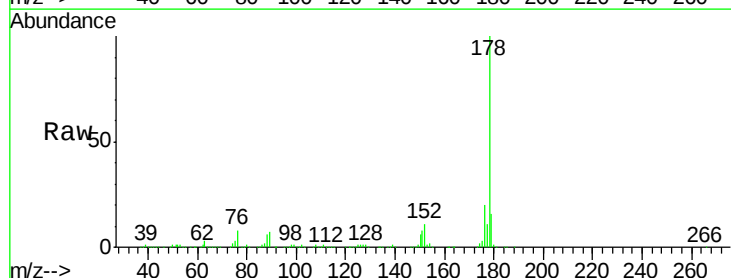


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

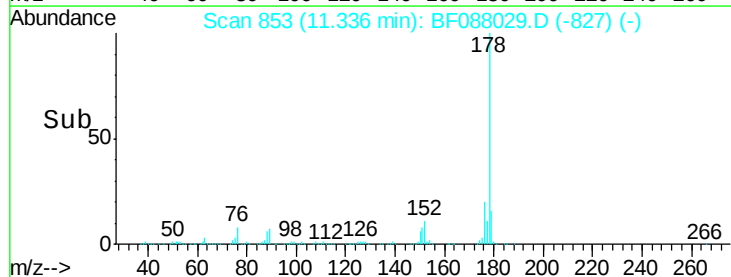
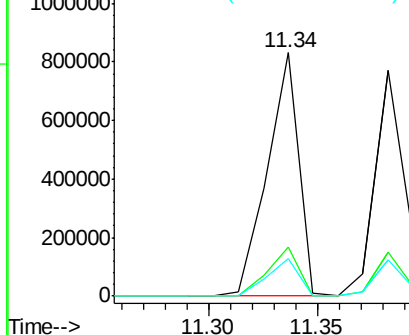


#70
 Phenanthrene
 Concen: 48.42 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	841029		
176	19.9	15.8	23.6	
179	15.7	13.0	19.4	



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





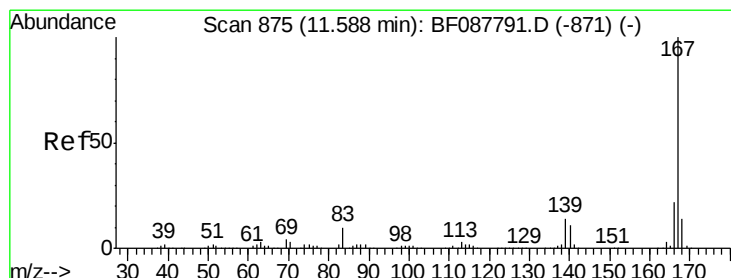
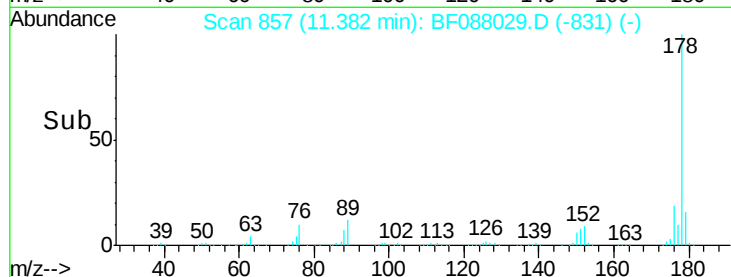
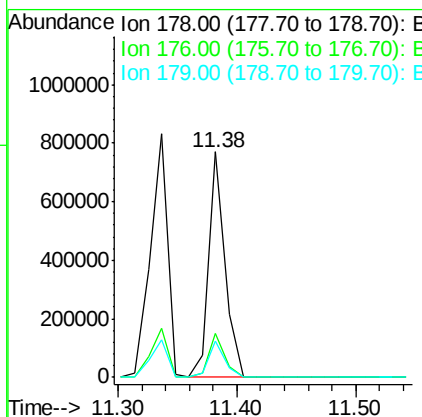
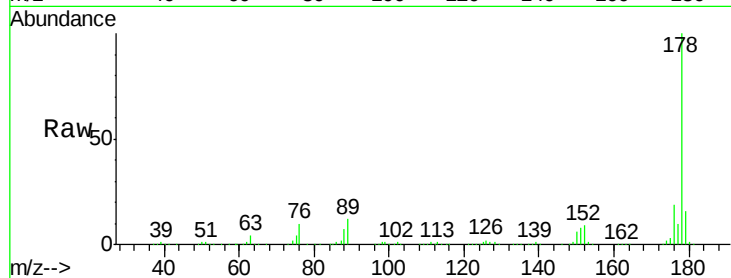
#71
 Anthracene
 Concen: 41.82 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	16.1	12.8	19.2

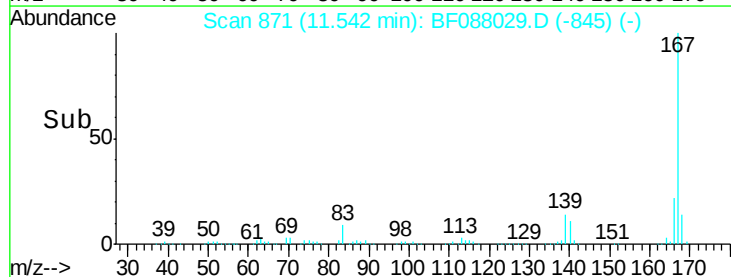
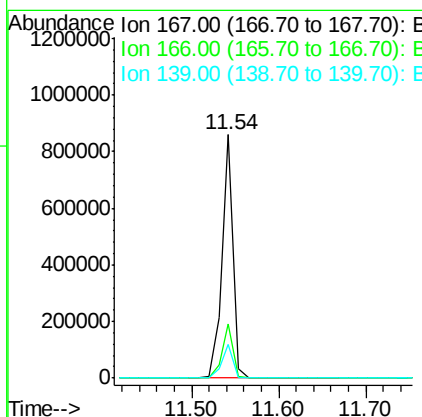
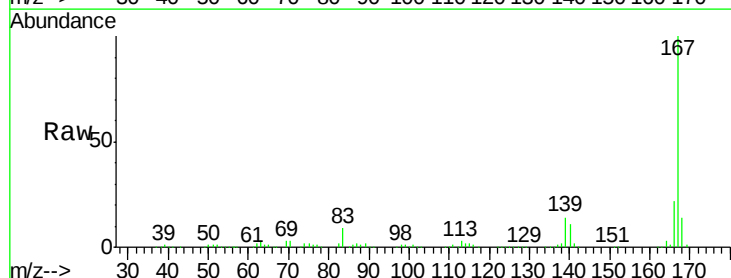
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#72
 Carbazole
 Concen: 46.69 ng
 RT: 11.54 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	13.9	11.2	16.8





#73

Di-n-butylphthalate

Concen: 43.50 ng

RT: 11.87 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

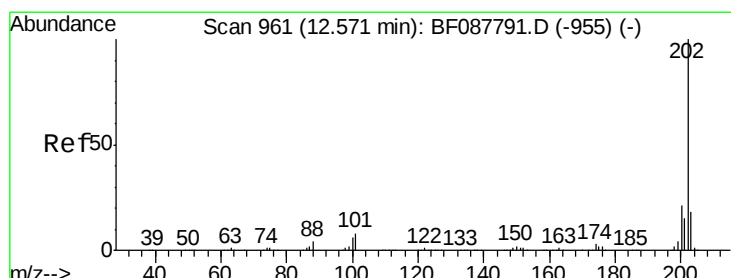
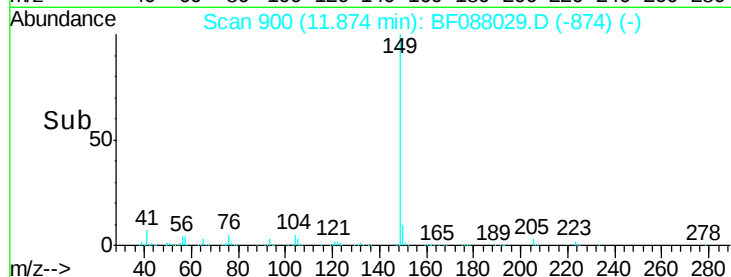
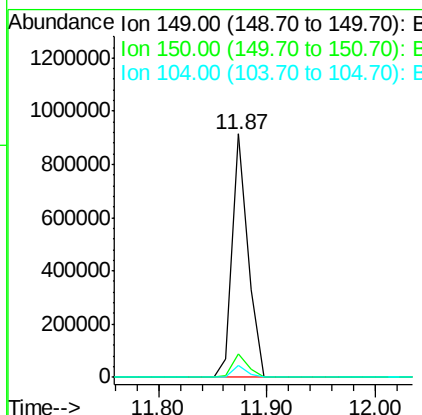
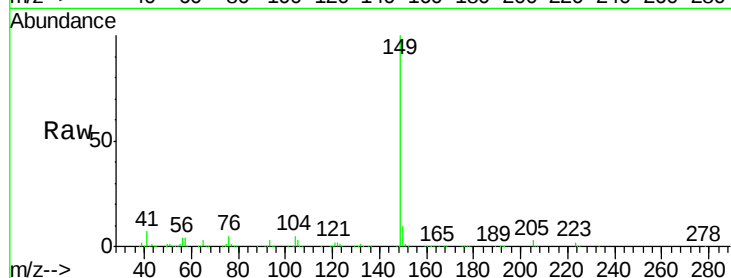
ClientSampleId :

SP16-LF2MW2MSD

Tot Ion:	149	Resp:	902839
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	5.0	4.0	6.0

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#74

Fluoranthene

Concen: 43.51 ng

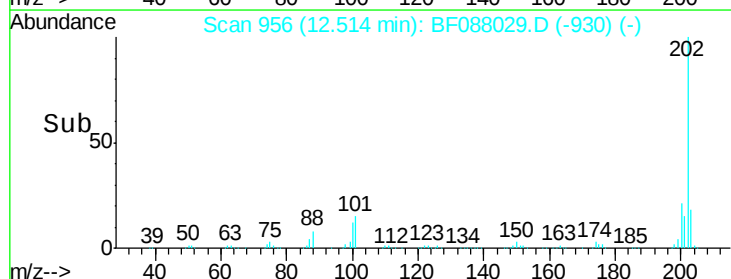
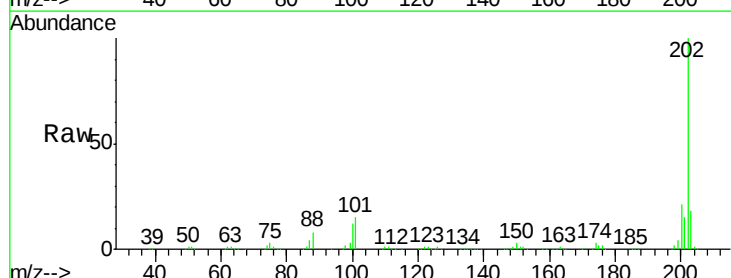
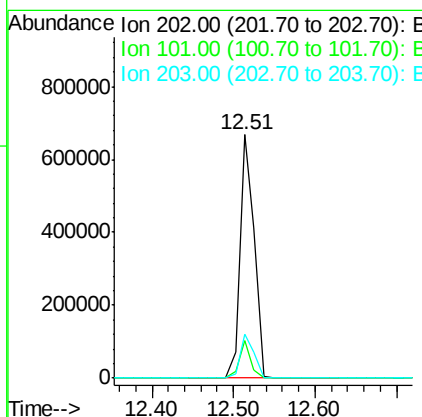
RT: 12.51 min Scan# 956

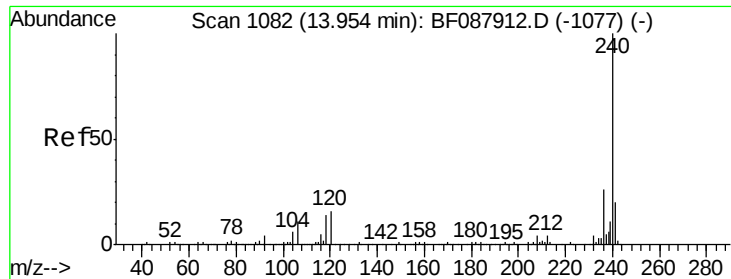
Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Tgt Ion:	202	Resp:	797529
Ion Ratio	Lower	Upper	
202	100		
101	15.5	0.0	33.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

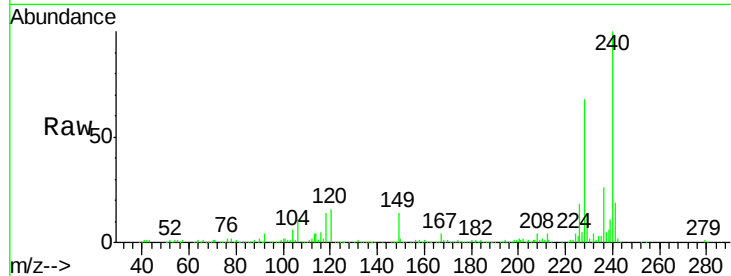
ClientSampleId :

SP16-LF2MW2MSD

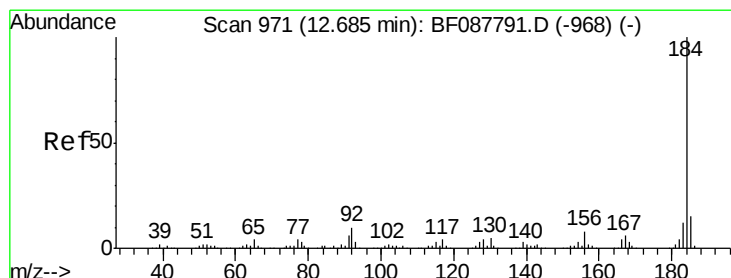
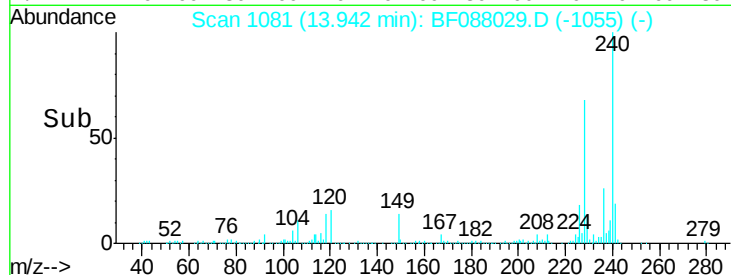
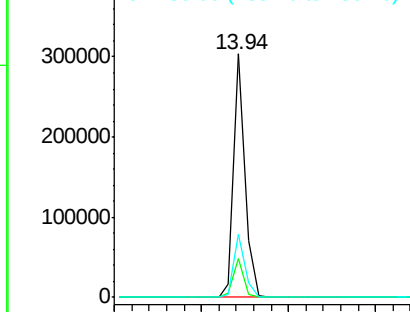
Tot Ion:	240	Resp:	271636
Ion Ratio	Lower	Upper	
240	100		
120	16.0	6.8	10.2#
236	25.7	20.2	30.2

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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: 30.20 ng

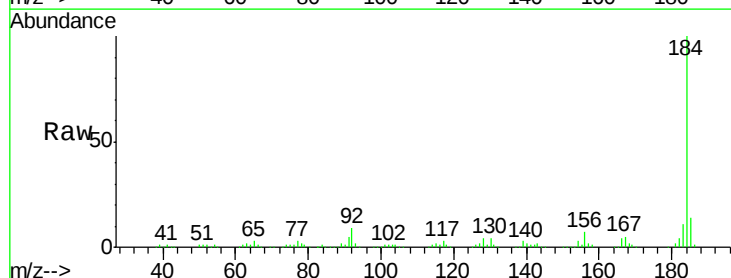
RT: 12.64 min Scan# 967

Delta R.T. 0.00 min

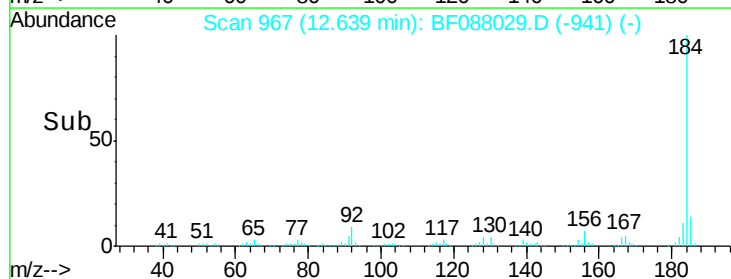
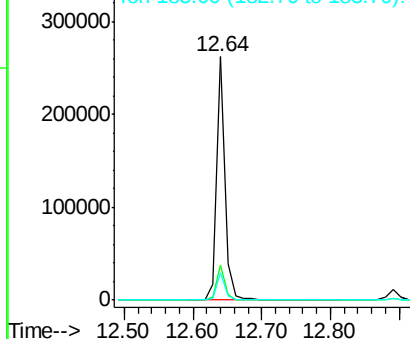
Lab File: BF088029.D

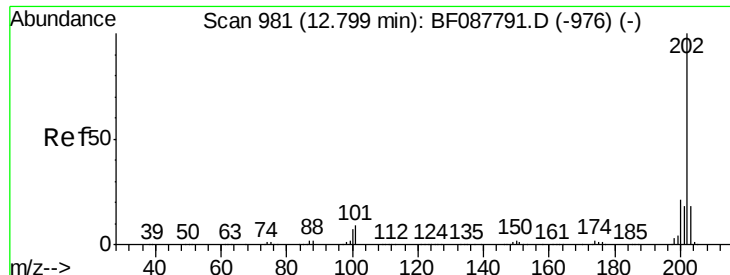
Acq: 15 Jun 2016 6:16

Tgt Ion:	184	Resp:	227159
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.5	18.7
183	11.4	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





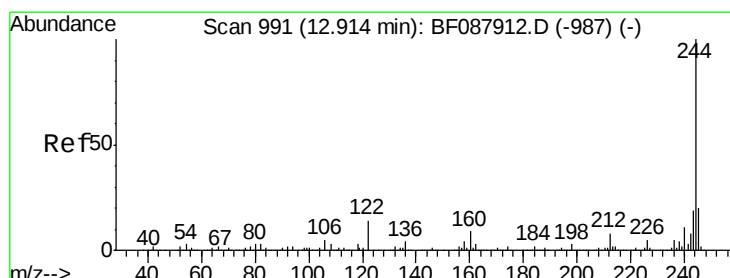
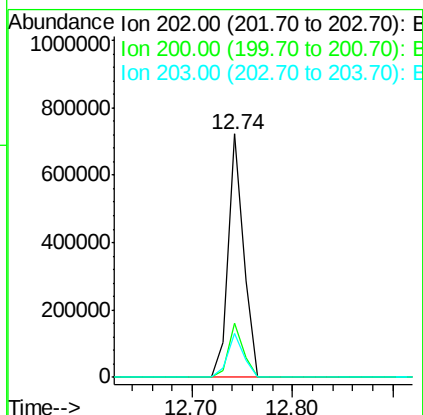
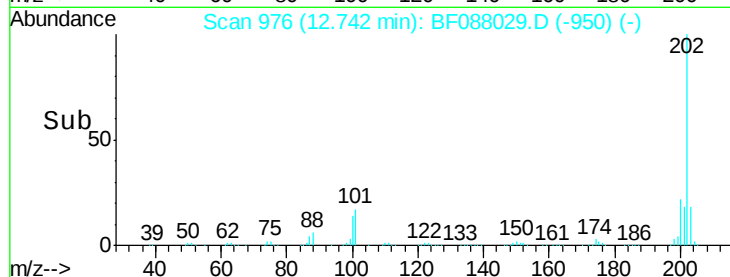
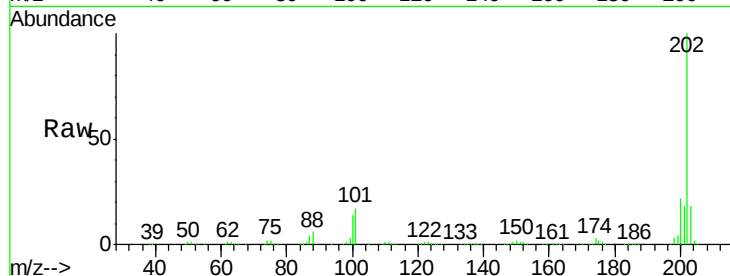
#77
Pvrene
Concen: 38.15 ng
RT: 12.74 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.2	14.5	21.7

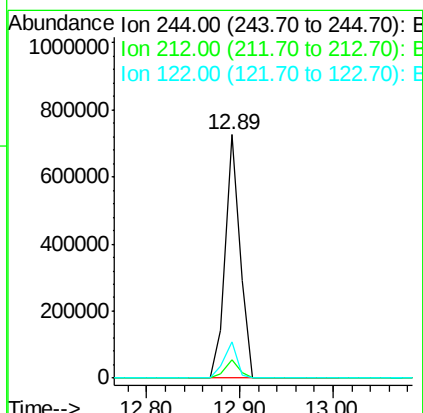
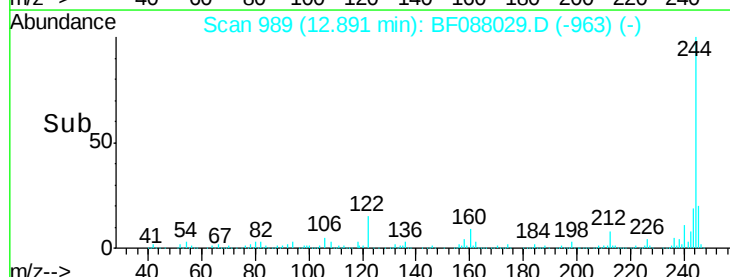
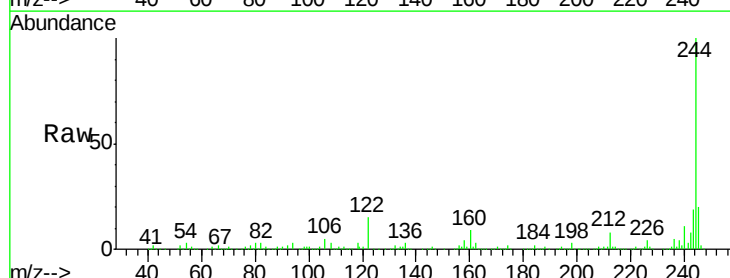
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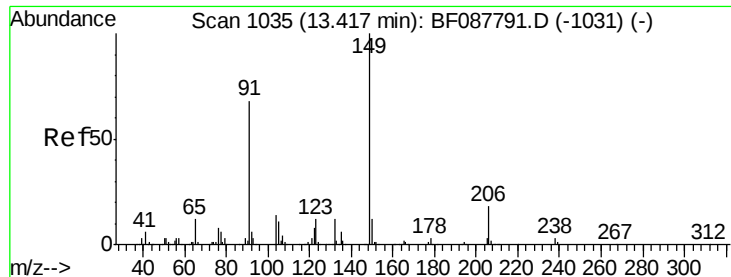
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#78
Terphenyl-d14
Concen: 67.13 ng
RT: 12.89 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.7	6.0	9.0
122	14.7	11.2	16.8





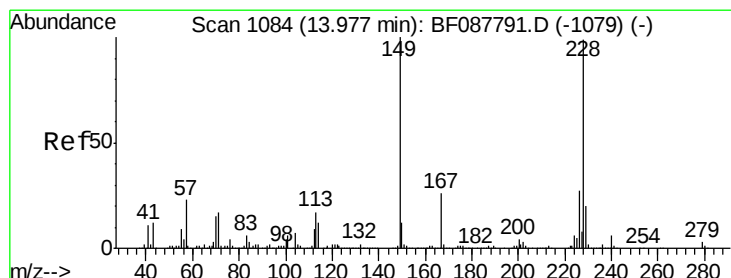
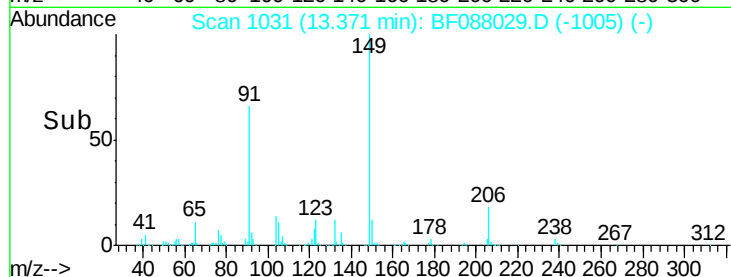
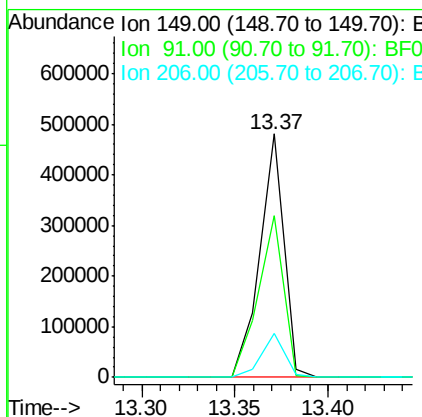
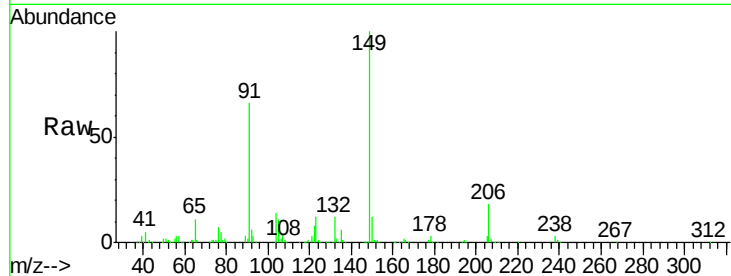
#79
Butylbenzylphthalate
Concen: 48.04 ng
RT: 13.37 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	428093		
91	66.4	48.0	72.0	
206	18.1	16.0	24.0	

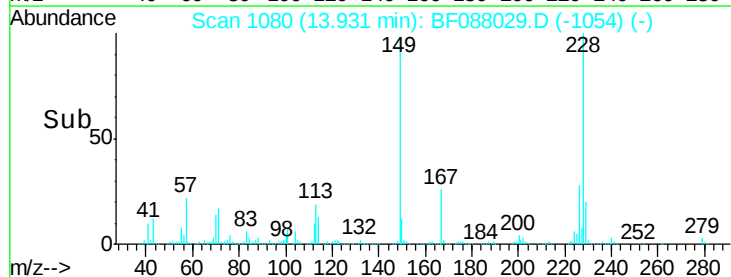
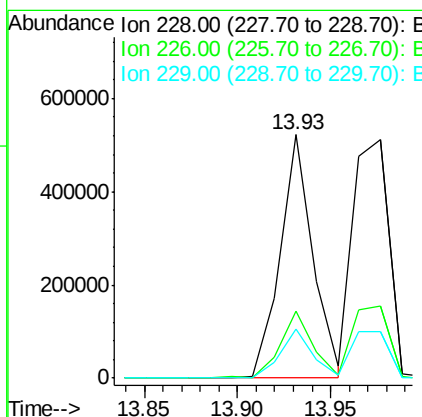
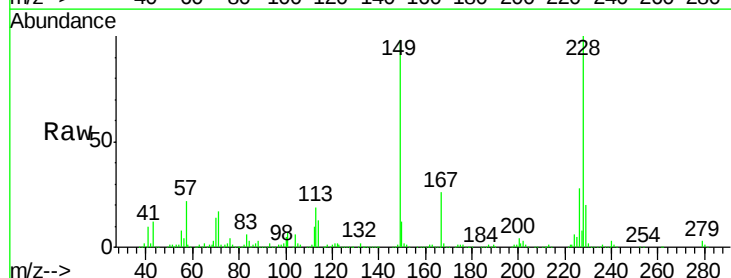
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#80
Benzo(a)anthracene
Concen: 41.21 ng
RT: 13.93 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	637834		
226	27.7	22.3	33.5	
229	20.2	16.0	24.0	





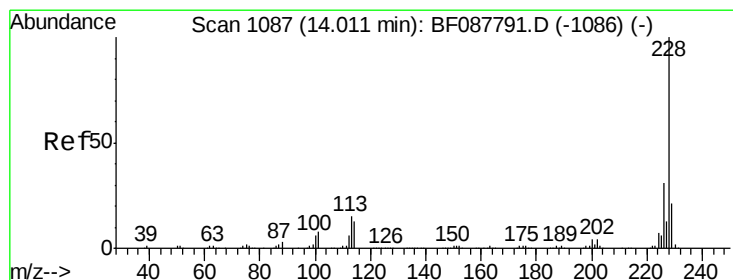
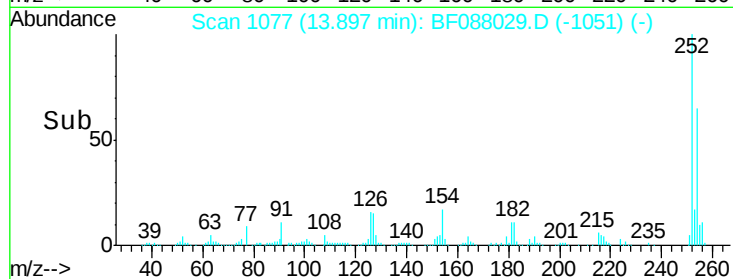
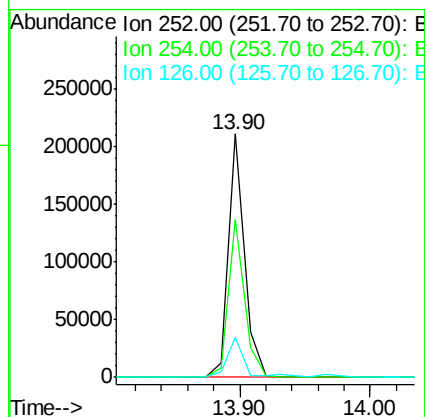
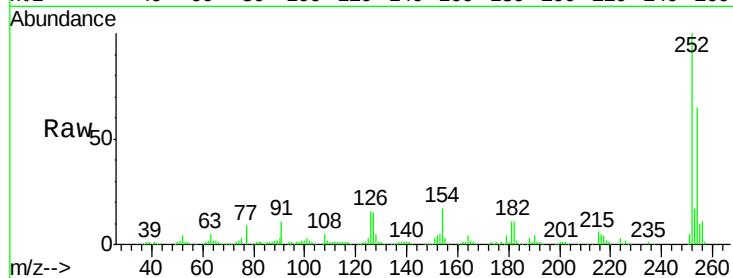
#81
 3,3'-Dichlorobenzidine
 Concen: 43.98 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.0	52.6	78.8
126	16.2	6.2	9.2

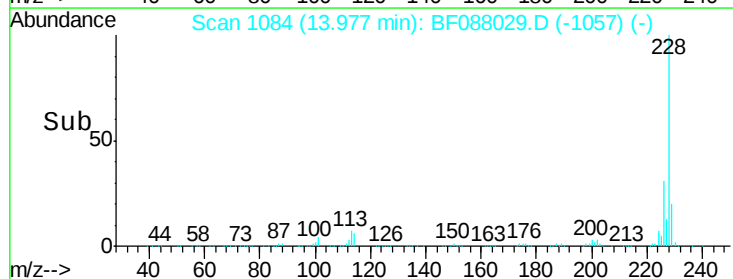
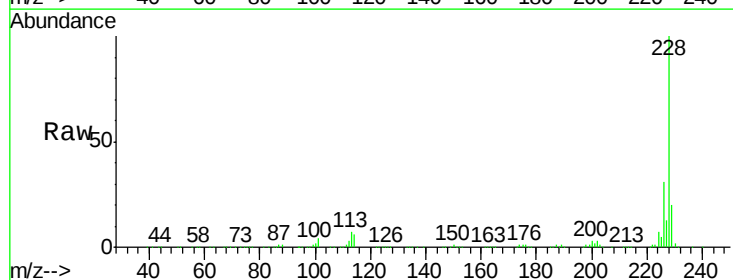
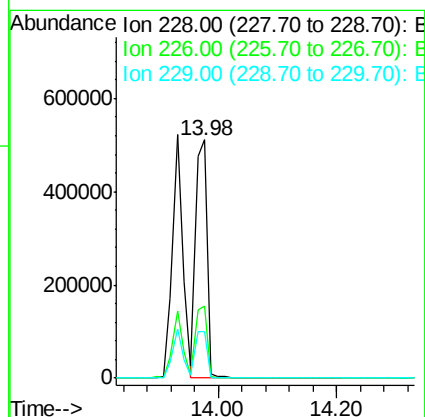
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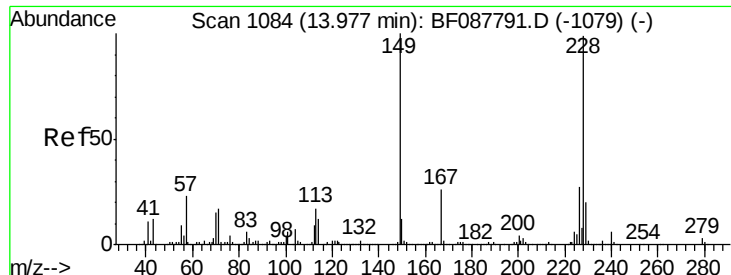
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#82
 Chrysene
 Concen: 47.67 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	25.4	38.2
229	19.6	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.94 ng

RT: 13.93 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

Tot Ion:149 Resp: 476645

Ion Ratio Lower Upper

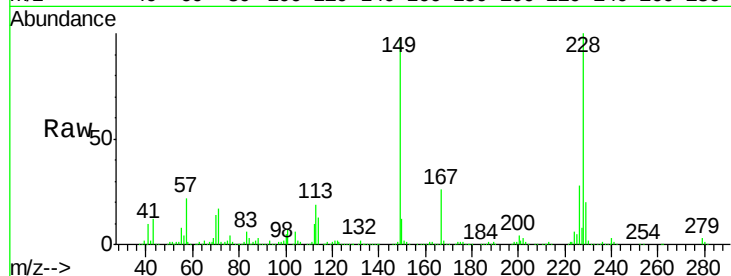
149 100

167 26.1 20.5 30.7

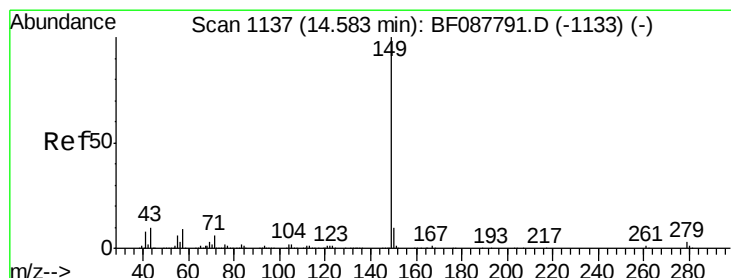
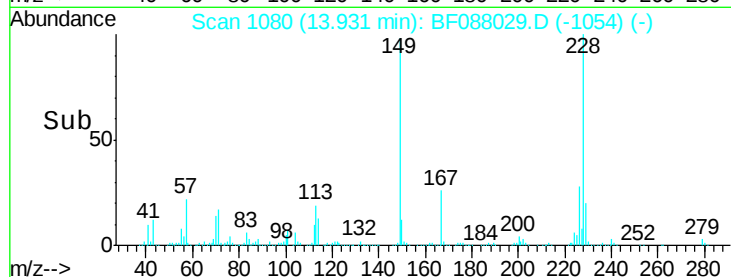
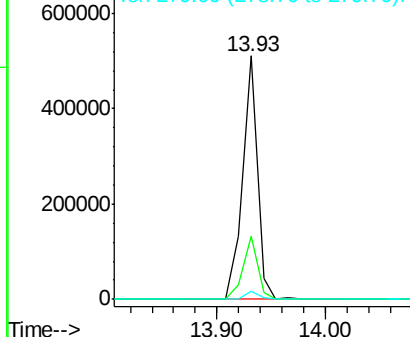
279 3.1 2.0 3.0#

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



#84

Di-n-octyl phthalate

Concen: 54.97 ng

RT: 14.54 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

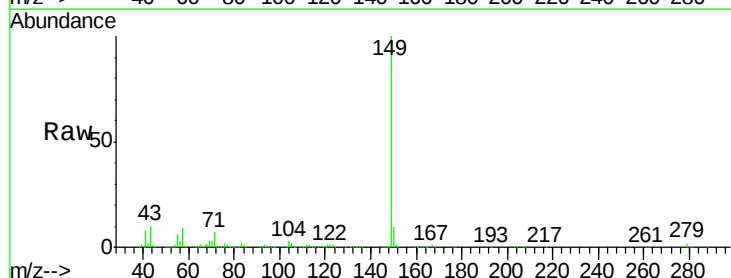
Tgt Ion:149 Resp: 968964

Ion Ratio Lower Upper

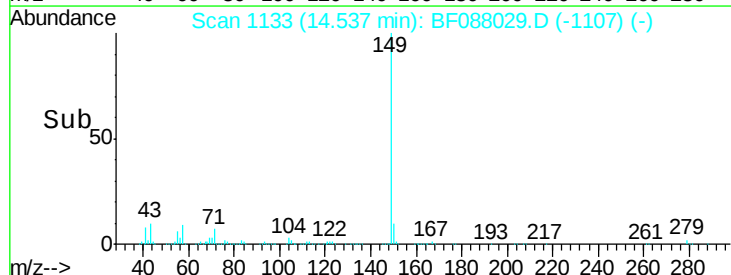
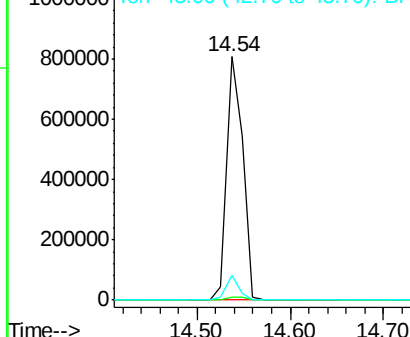
149 100

167 1.5 0.0 0.0#

43 8.1 0.0 0.0#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.43 ng

RT: 16.71 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

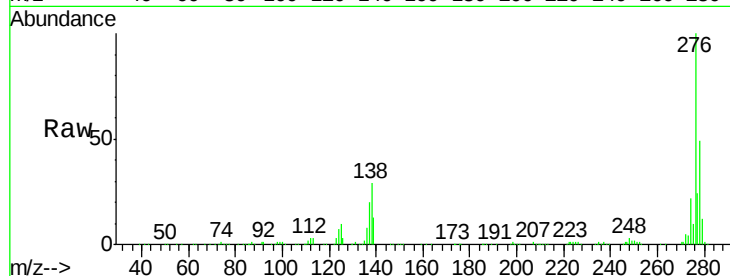
ClientSampleId :

SP16-LF2MW2MSD

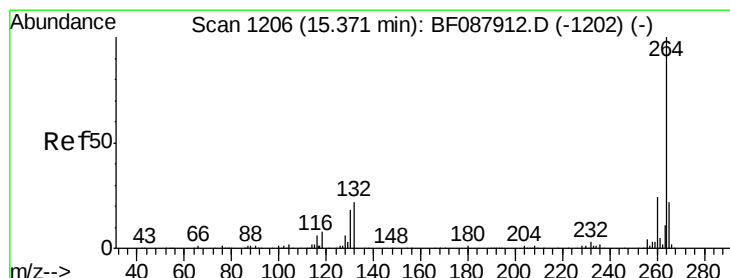
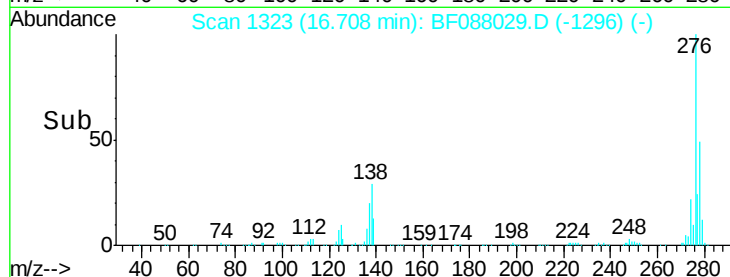
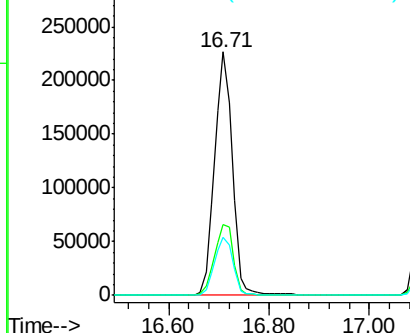
Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	31.1	0.0	0.0#
277	25.0	0.0	0.0#

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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

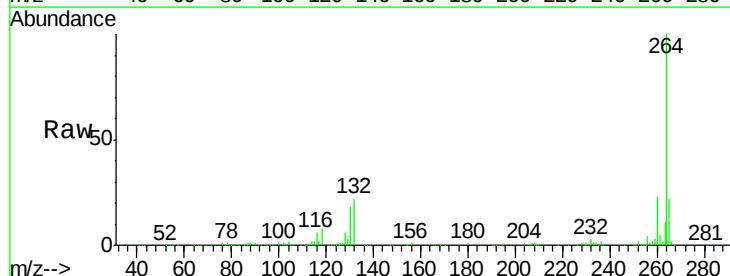
RT: 15.35 min Scan# 1204

Delta R.T. 0.00 min

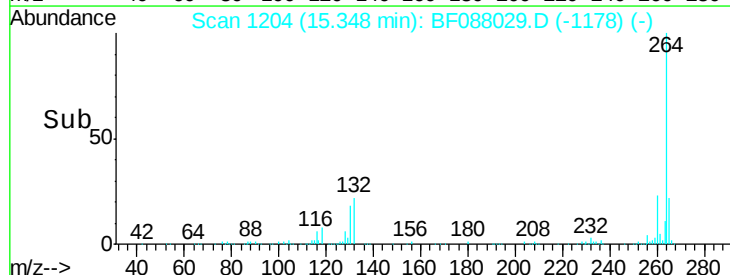
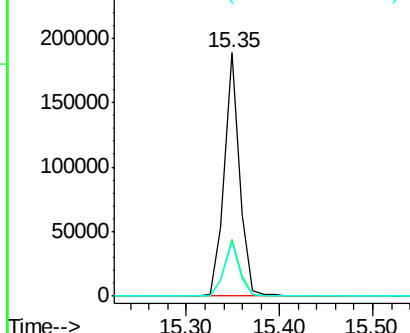
Lab File: BF088029.D

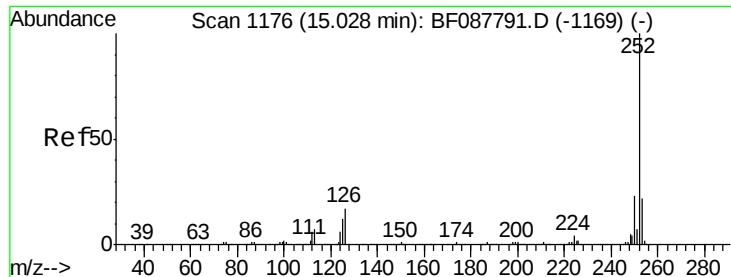
Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	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: 53.41 ng m

RT: 14.95 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Instrument :

BNA_F

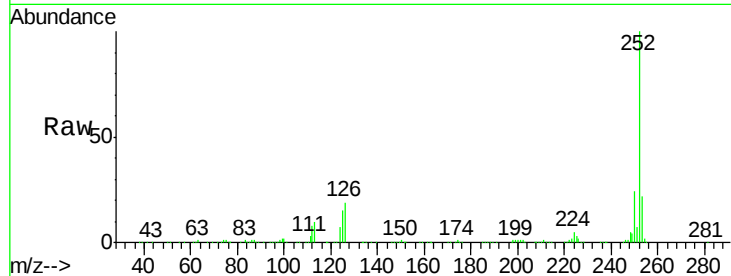
ClientSampleId :

SP16-LF2MW2MSD

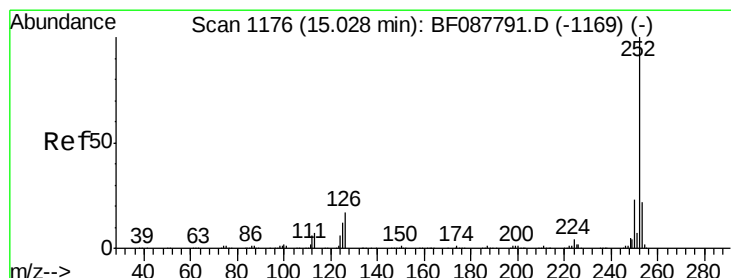
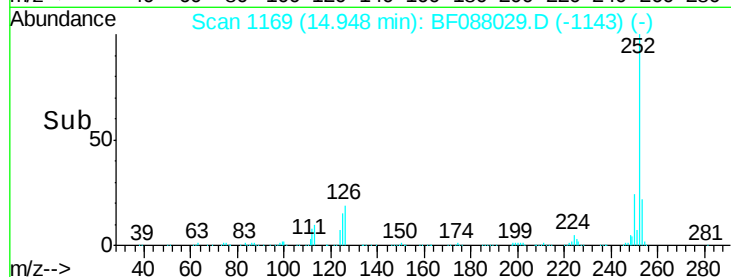
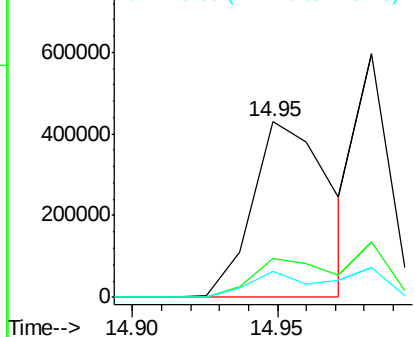
Tot Ion:	252	Resp:	801394
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.2
125	15.0	7.1	10.7#

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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: 41.40 ng m

RT: 14.98 min Scan# 1172

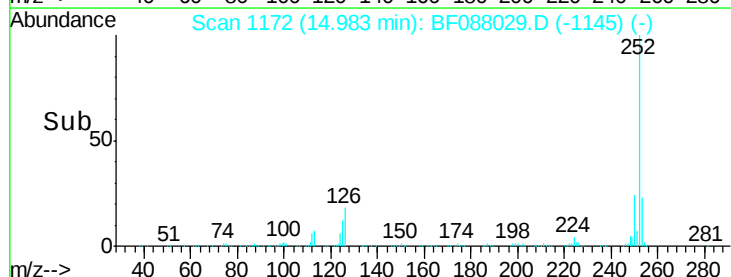
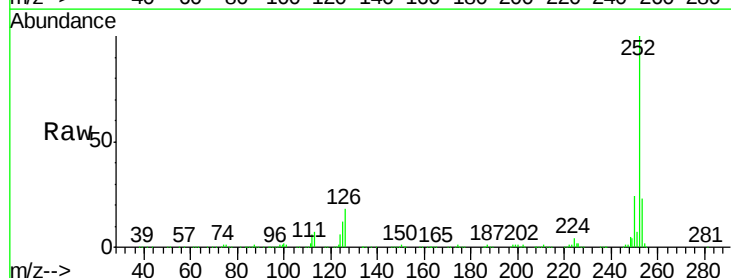
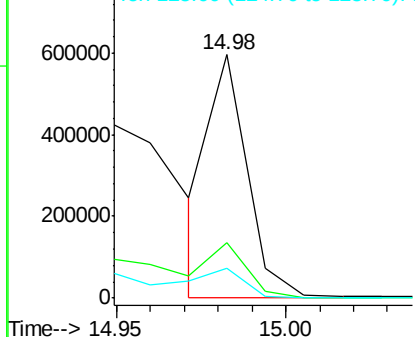
Delta R.T. 0.01 min

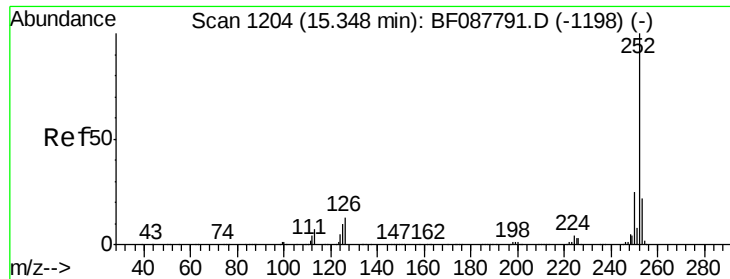
Lab File: BF088029.D

Acq: 15 Jun 2016 6:16

Tgt Ion:	252	Resp:	468557
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.0	27.0
125	12.3	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





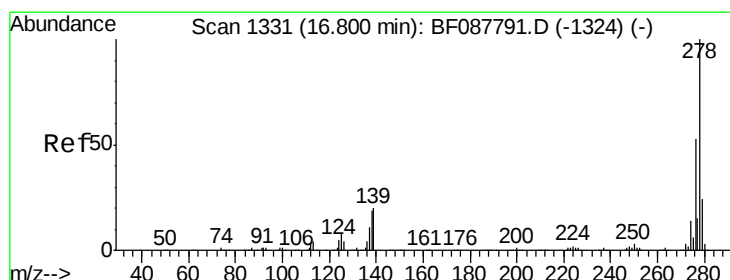
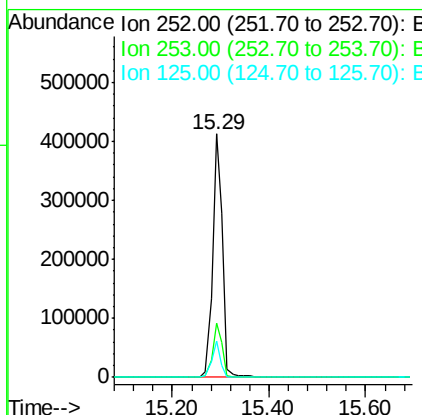
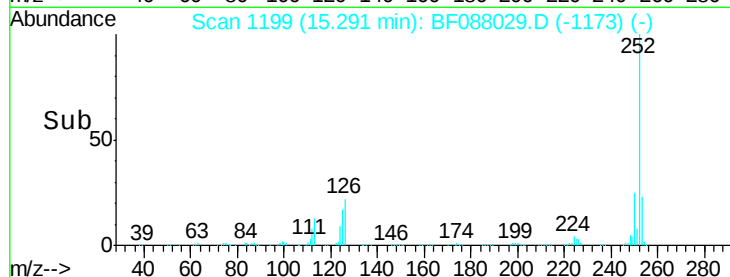
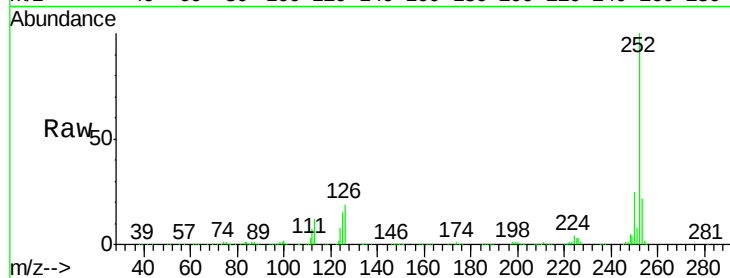
#89
Benzo(a)pyrene
Concen: 49.24 ng
RT: 15.29 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	15.1	12.5	18.7

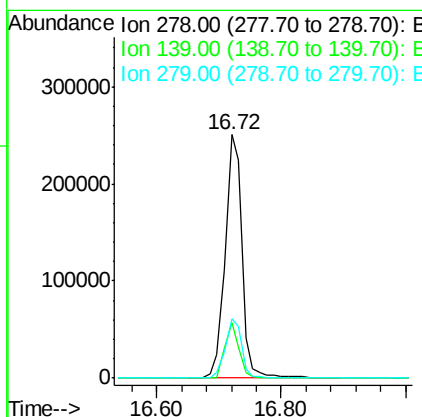
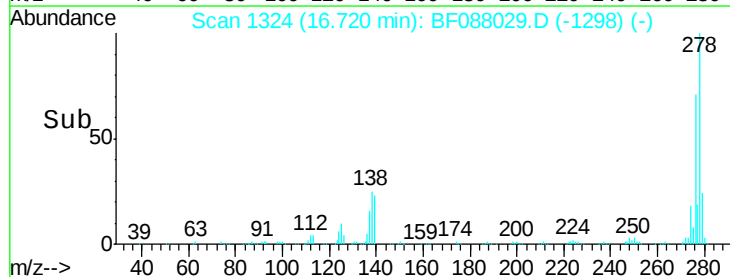
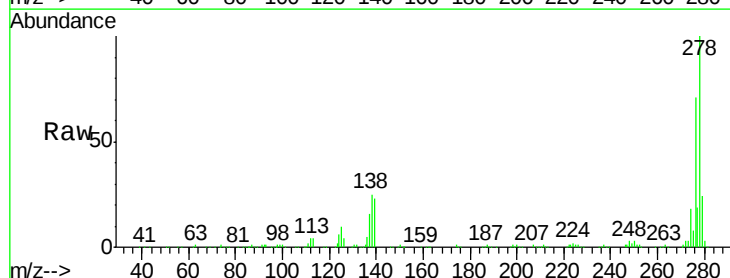
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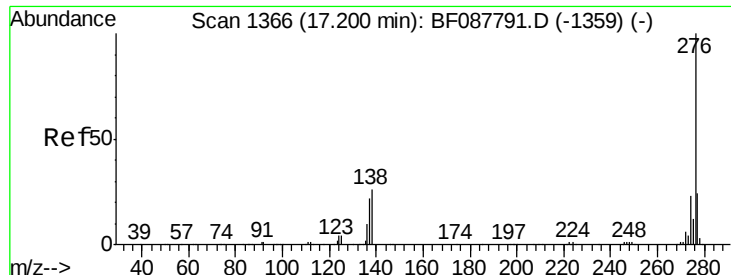
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#90
Dibenzo(a,h)anthracene
Concen: 41.74 ng
RT: 16.72 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF088029.D
Acq: 15 Jun 2016 6:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.9	15.7	23.5
279	24.2	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 40.42 ng
 RT: 17.12 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF088029.D
 Acq: 15 Jun 2016 6:16

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

Tot Ion:	276	Resp:	468791
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.9	28.3
138	25.6	21.4	32.2

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