

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
 Data File : BF089755.D
 Acq On : 17 Aug 2016 10:52
 Operator : UM/SJ
 Sample : H4145-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 9524

Manual Integrations
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 8/17/2016 6:25:10 PM

Quant Time: Aug 17 11:32:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	604522	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2504353	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1199090	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2105433	20.00	ng	0.00
75) Chrysene-d12	13.92	240	1623149	20.00	ng	0.02
86) Perylene-d12	15.43	264	1254822	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	2070503	57.15	ng	0.00
7) Phenol-d6	6.33	99	2693563	58.45	ng	0.00
23) Nitrobenzene-d5	7.27	82	1773488	43.24	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1081731	93.25	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	4139376	55.39	ng	0.00
78) Terphenyl-d14	12.81	244	3927388	72.29	ng	0.00

Target Compounds

						Qvalue
8) 2-Chlorophenol	6.48	128	822319	19.08	ng	90
10) Phenol	6.35	94	3624480	63.19	ng	77
11) bis(2-Chloroethyl)ether	6.44	93	1260477	29.66	ng	92
12) 1,3-Dichlorobenzene	6.64	146	867353	18.83	ng	96
17) 2-Methylphenol	6.96	107	1775084	51.84	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	3293633	109.13	ng	92
20) 3+4-Methylphenols	7.12	107	2253260	51.39	ng	# 47
25) Isophorone	7.54	82	6746555	82.21	ng	# 86
26) 2-Nitrophenol	7.61	139	1614231	74.36	ng	# 88
29) 2,4-Dichlorophenol	7.85	162	2918191	85.19	ng	95
30) 1,2,4-Trichlorobenzene	7.93	180	3346026	90.99	ng	100
31) Naphthalene	8.01	128	4634973	41.23	ng	95
34) Hexachlorobutadiene	8.14	225	1138968	58.95	ng	99
36) 4-Chloro-3-methylphenol	8.54	107	1202665	32.25	ng	91
37) 2-Methylnaphthalene	8.71	142	4173737	54.55	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	2107509	88.76	ng	99
46) 2-Chloronaphthalene	9.19	162	1942635	26.10	ng	95
48) Acenaphthylene	9.60	152	3893167	33.98	ng	96
49) Dimethylnaphthalate	9.47	163	865754	9.98	ng	99
50) 2,6-Dinitrotoluene	9.53	165	1848634	94.14	ng	89
54) Dibenzofuran	9.95	168	12263791	128.91	ng	# 84
55) 4-Nitrophenol	9.86	139	1106444	62.99	ng	91
56) 2,4-Dinitrotoluene	9.93	165	835663	33.11	ng	# 55
57) Fluorene	10.28	166	4933325	64.19	ng	98
59) Diethylphthalate	10.19	149	9969166	113.32	ng	# 85
60) 4-Chlorophenyl-phenylether	10.30	204	2844323	75.38	ng	94
66) 4-Bromophenyl-phenylether	10.78	248	1079716	49.52	ng	# 74
67) Hexachlorobenzene	10.84	284	3485664	143.81	ng	# 81
69) Pentachlorophenol	11.03	266	482831	31.97	ng	99
71) Anthracene	11.29	178	4522785	41.83	ng	96
73) Di-n-butylphthalate	11.80	149	7837437	62.90	ng	# 96
74) Fluoranthene	12.42	202	4645177	44.67	ng	90
77) Pyrene	12.66	202	11374275m	107.08	ng	
80) Benzo(a)anthracene	13.91	228	9804968	103.97	ng	91

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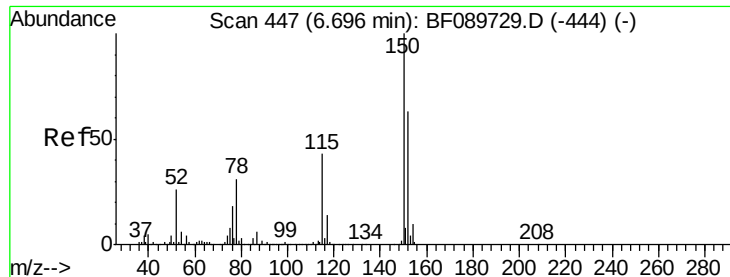
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	13.94	228	5083219	59.89	nq	95
85) Indeno(1,2,3-cd)pyrene	16.74	276	2800358	38.73	nq #	69
87) Benzo(b)fluoranthene	15.04	252	8920667	112.20	nq	96
88) Benzo(k)fluoranthene	15.09	252	6017347m	91.95	nq	
89) Benzo(a)pyrene	15.37	252	3581766	54.56	nq	96
90) Dibenzo(a,h)anthracene	16.79	278	8916532	172.51	nq #	93
91) Benzo(q,h,i)perylene	17.17	276	6419524	122.03	nq	95

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



#1

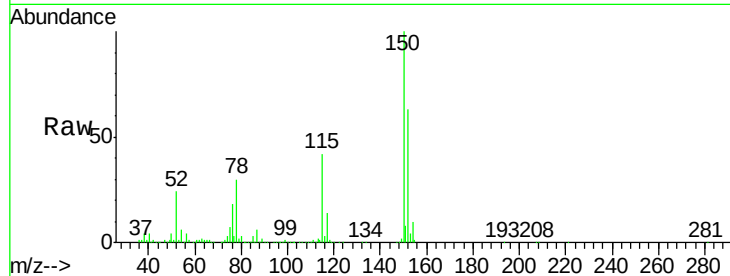
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089755.D
Acq: 17 Aug 2016 10:52

Instrument :
BNA_F
ClientSampled :
9524

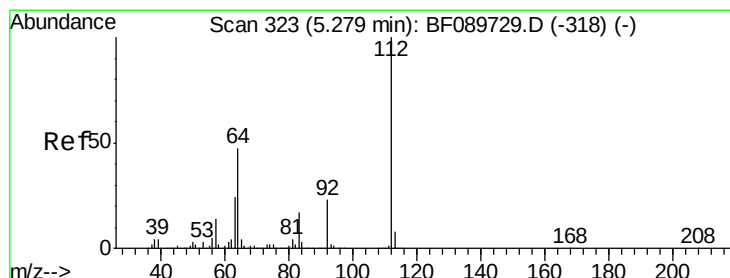
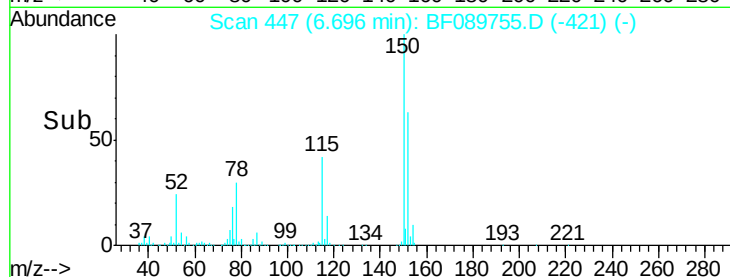
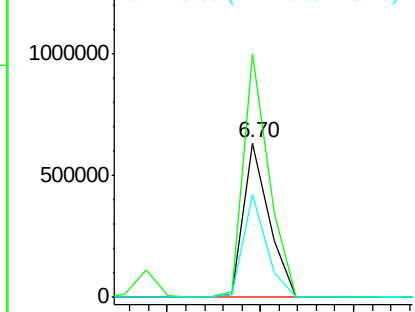
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.3	187.9
115	67.0	40.9	61.3

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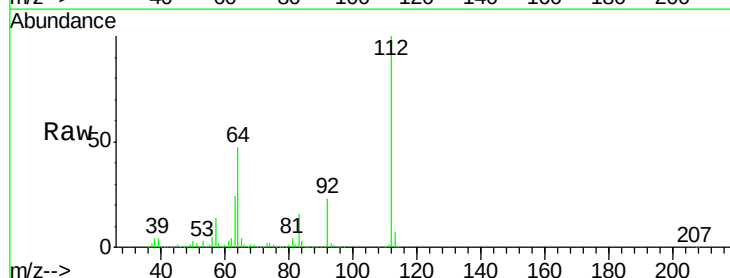
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



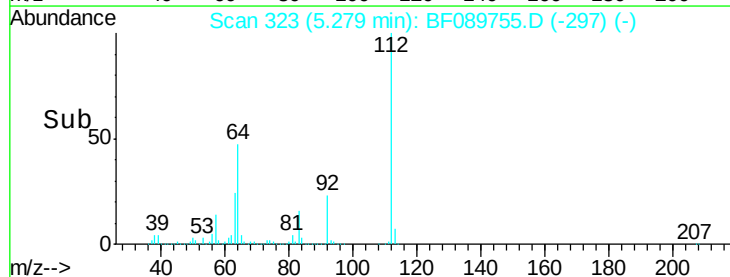
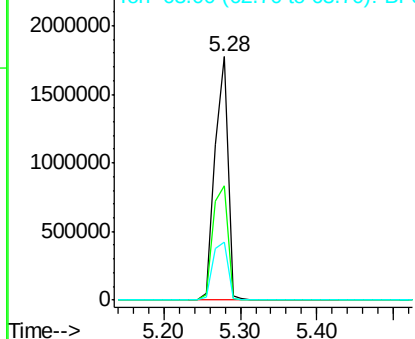
#5

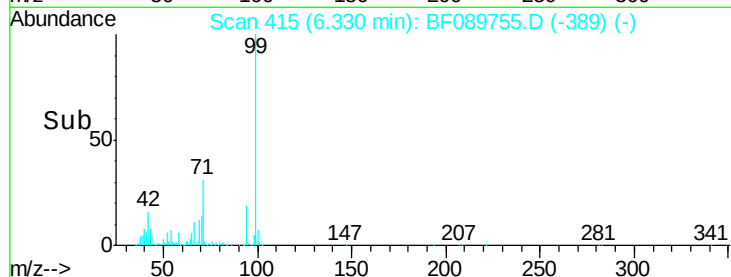
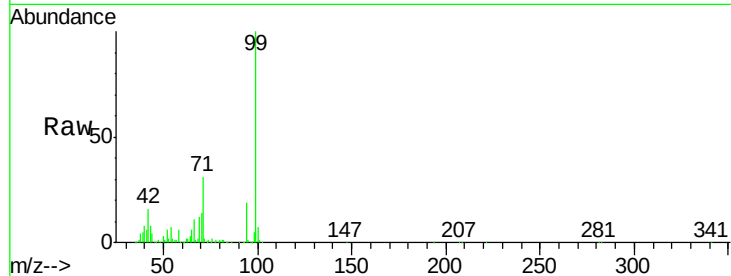
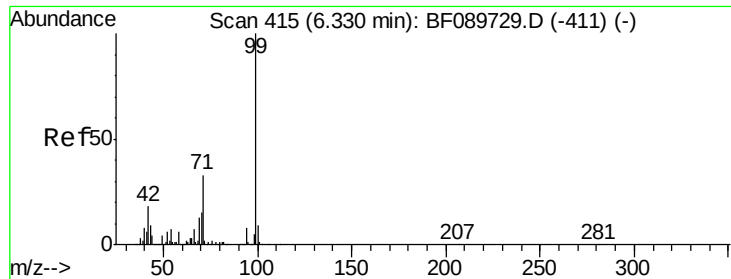
2-Fluorophenol
Concen: 57.15 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.00 min
Lab File: BF089755.D
Acq: 17 Aug 2016 10:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.0	45.0	67.4
63	23.7	23.1	34.7



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





#7

Phenol-d6

Concen: 58.45 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

Tot Ion:	99	Resp:	2693563
Ion	Ratio	Lower	Upper
99	100		
42	16.4	12.2	18.4
71	31.2	23.8	35.8

Instrument :

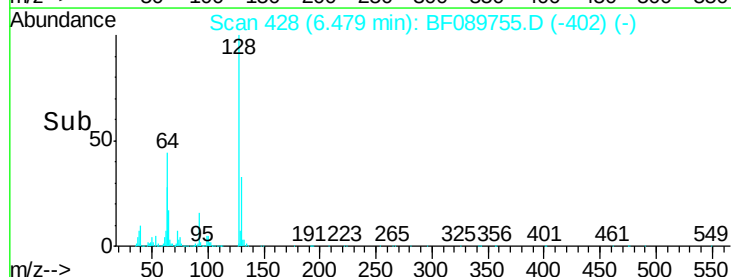
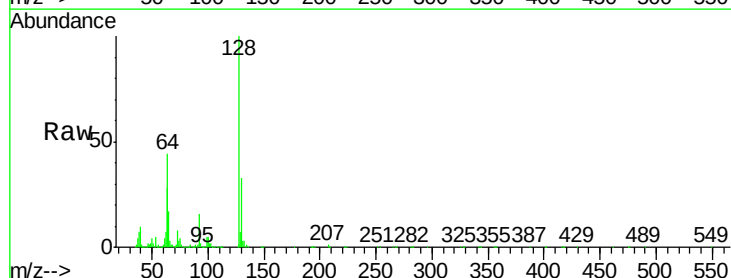
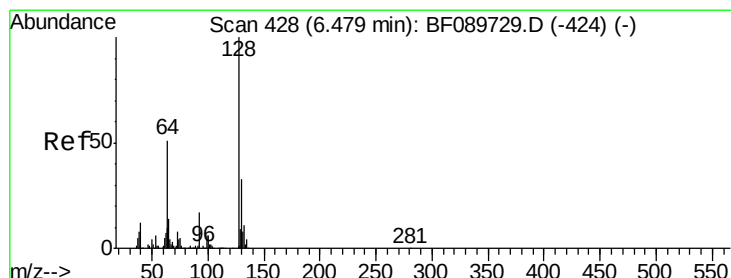
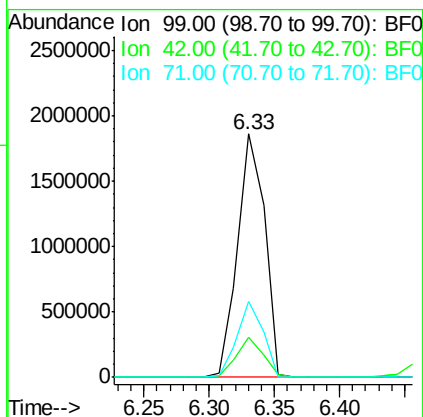
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#8

2-Chlorophenol

Concen: 19.08 ng

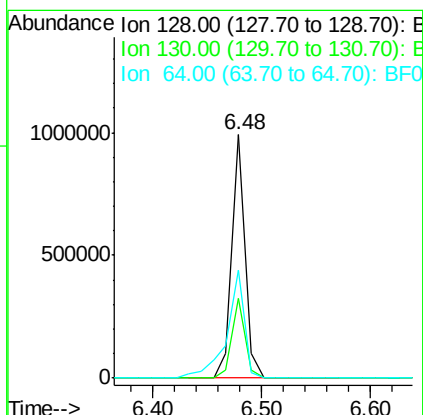
RT: 6.48 min Scan# 428

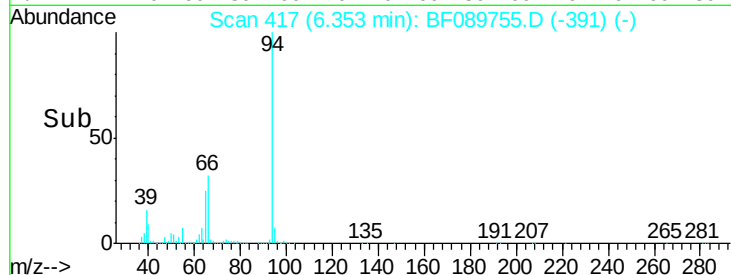
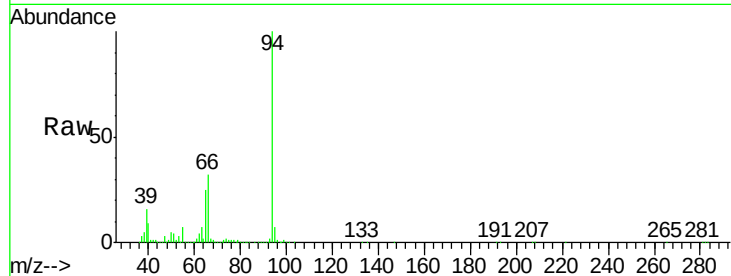
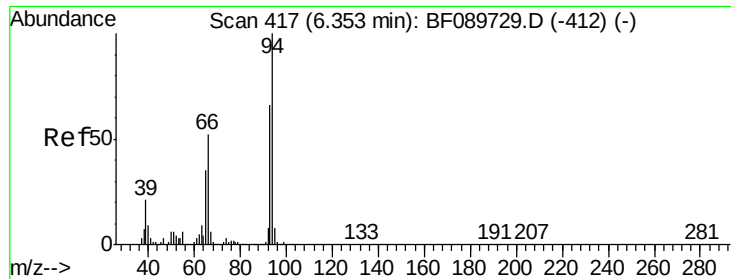
Delta R.T. 0.00 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

Tgt Ion:	128	Resp:	822319
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.0	52.0
64	44.4	35.1	75.1





#10

Phenol

Concen: 63.19 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

Tot Ion: 94 Resp: 3624480

Ion Ratio Lower Upper

94 100

65 25.3 14.0 54.0

66 31.9 31.2 71.2

Instrument :

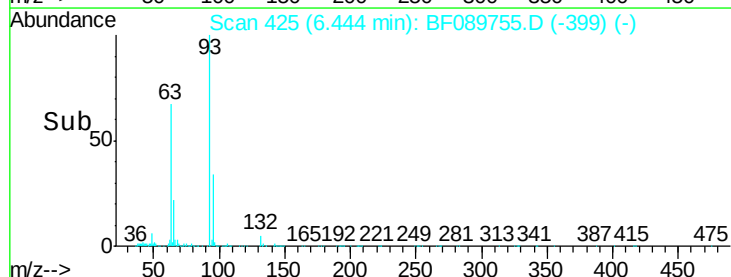
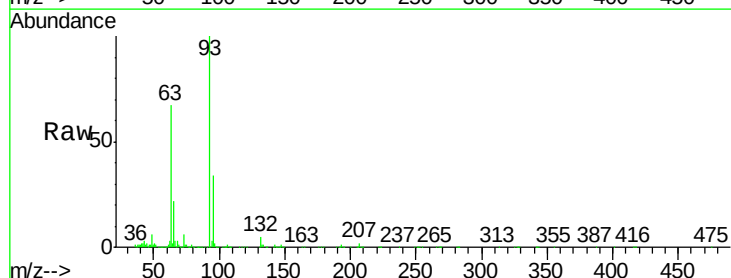
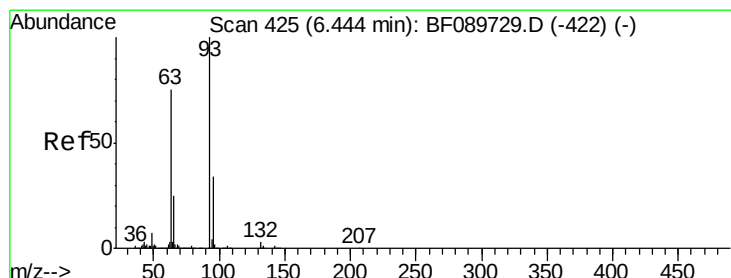
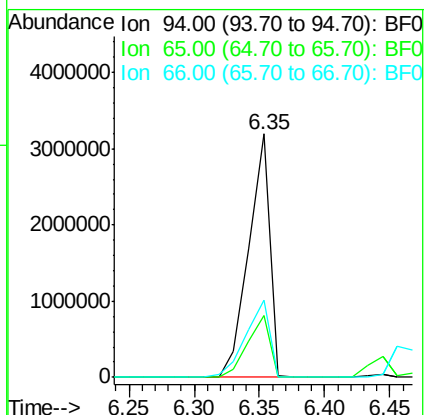
BNA_F

ClientSampleId :

9524

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#11

bis(2-Chloroethyl)ether

Concen: 29.66 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

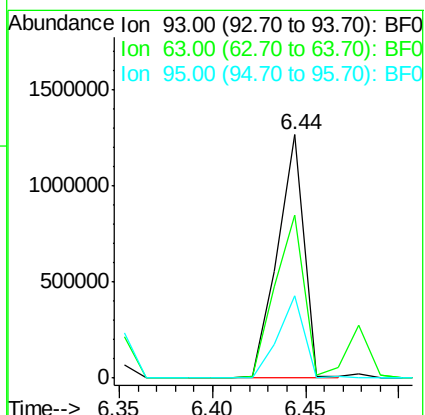
Tgt Ion: 93 Resp: 1260477

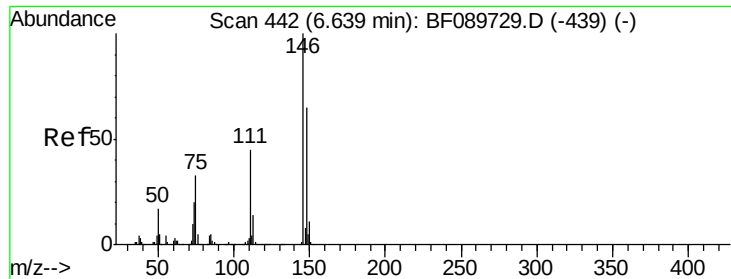
Ion Ratio Lower Upper

93 100

63 66.9 55.8 95.8

95 33.6 13.0 53.0





#12

1,3-Dichlorobenzene

Concen: 18.83 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

Instrument :

BNA_F

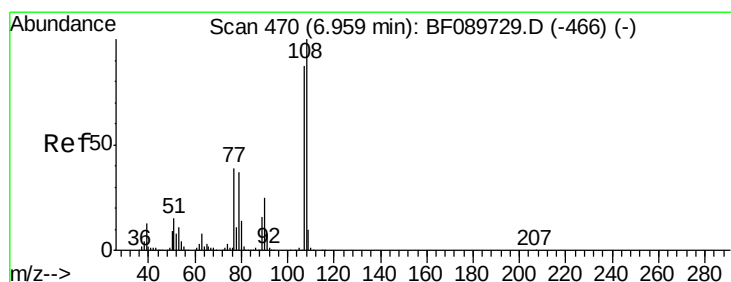
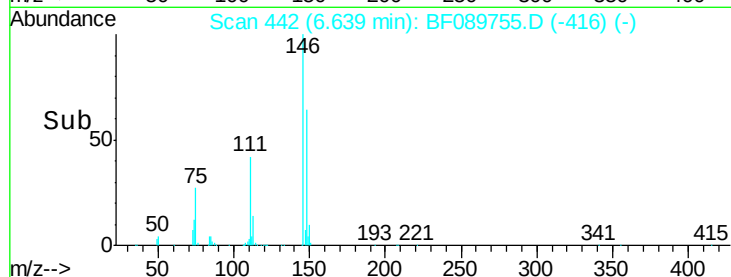
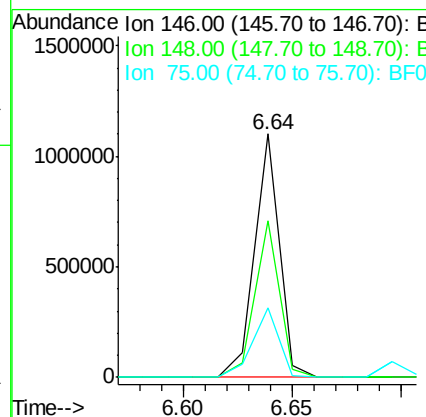
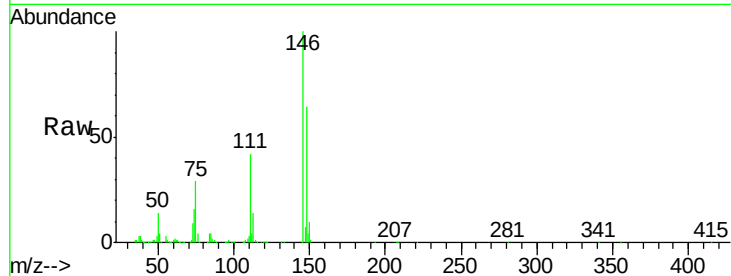
ClientSampled :

9524

Tot Ion:	146	Resp:	867353
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.0	76.4
75	28.7	27.0	40.6

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#17

2-Methylphenol

Concen: 51.84 ng

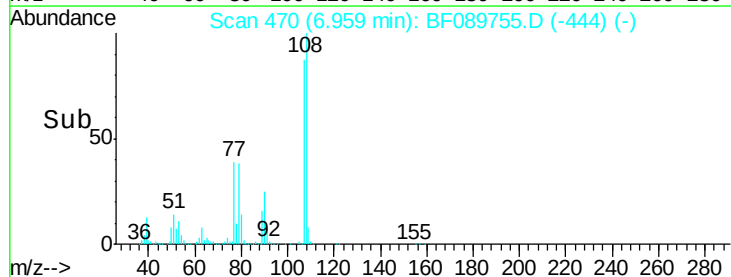
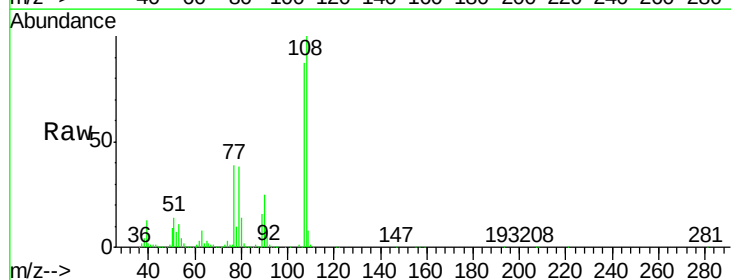
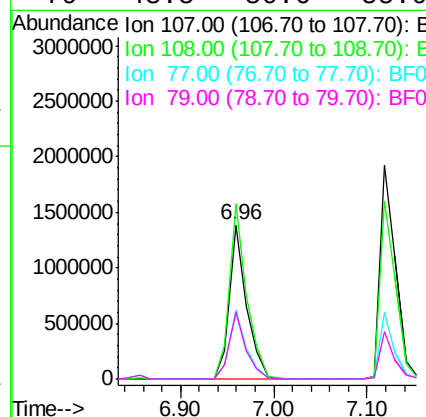
RT: 6.96 min Scan# 470

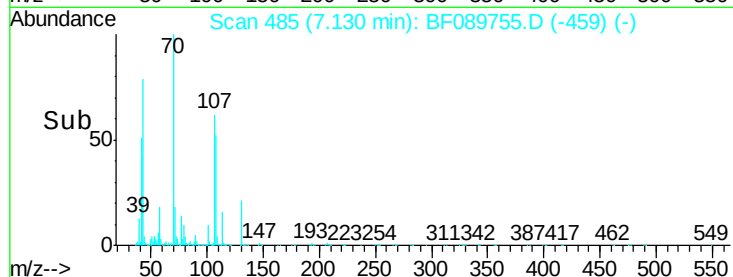
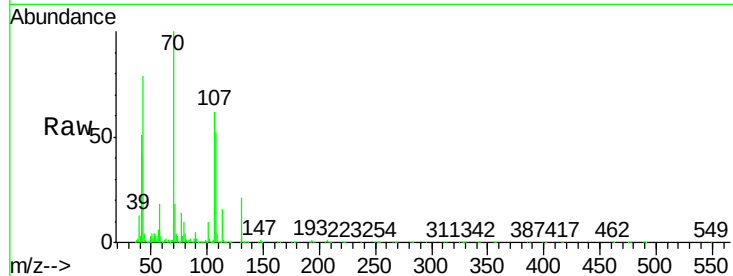
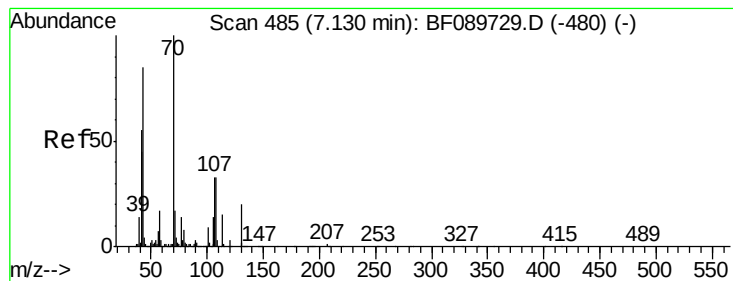
Delta R.T. 0.00 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

Tgt Ion:	107	Resp:	1775084
Ion Ratio	Lower	Upper	
107	100		
108	114.5	91.0	136.4
77	44.7	37.4	56.0
79	43.5	36.6	55.0





#19

n-Nitroso-di-n-propylamine

Concen: 109.13 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

Tot Ion:	70	Resp:	3293633
Ion	Ratio	Lower	Upper
70	100		
42	51.1	46.3	69.5
101	9.7	7.0	10.6
130	21.1	14.4	21.6

Instrument :

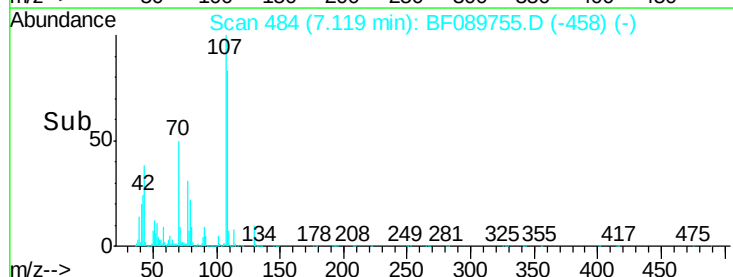
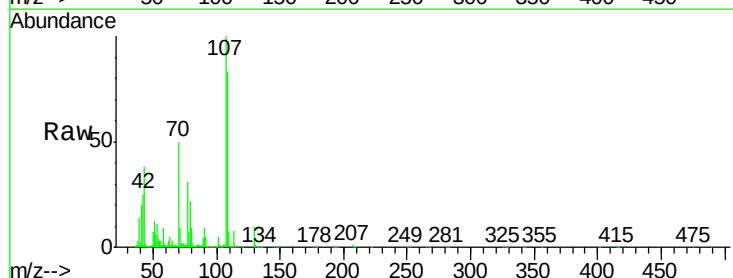
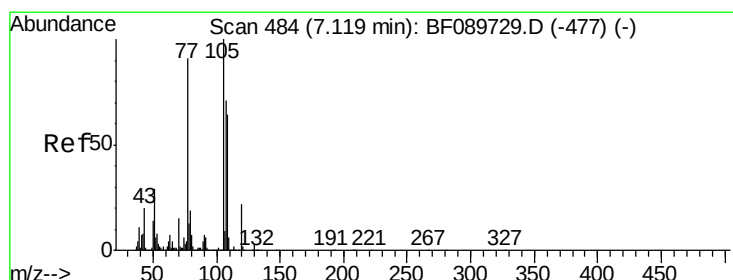
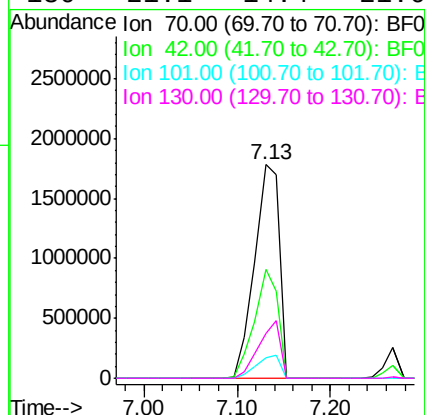
BNA_F

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#20

3+4-Methylphenols

Concen: 51.39 ng

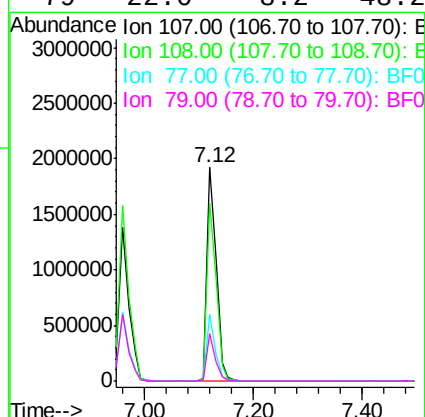
RT: 7.12 min Scan# 484

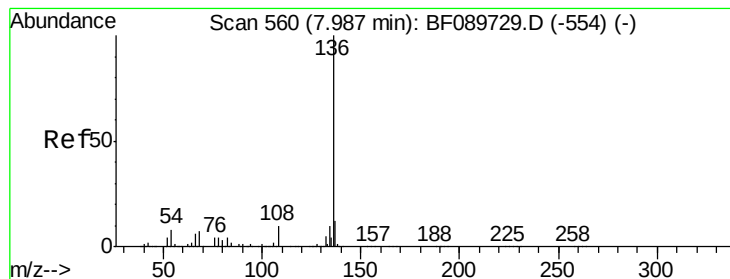
Delta R.T. 0.00 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

Tgt Ion:	107	Resp:	2253260
Ion	Ratio	Lower	Upper
107	100		
108	83.2	68.2	108.2
77	31.1	122.3	162.3#
79	22.0	8.2	48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

Instrument :

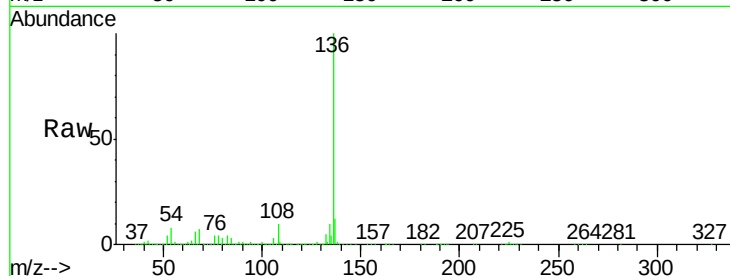
BNA_F

ClientSampleId :
9524

Tot Ion	136	Resp	2504353
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	8.1	7.2	10.8
68	6.9	5.8	8.8

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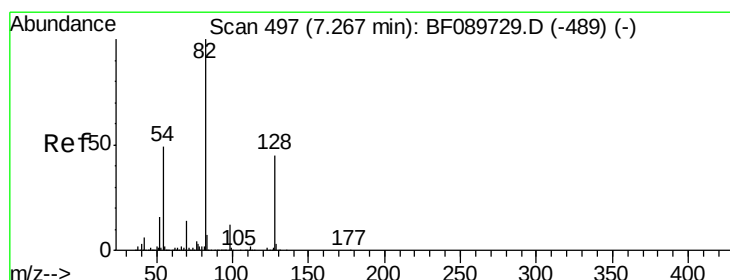
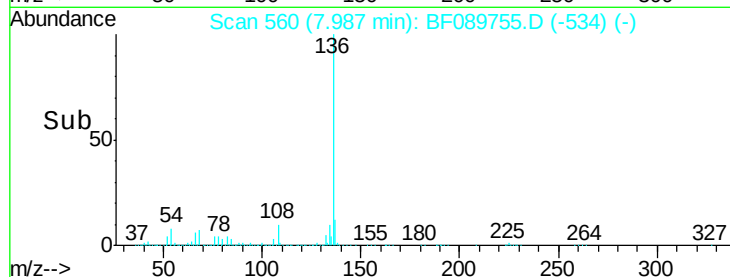
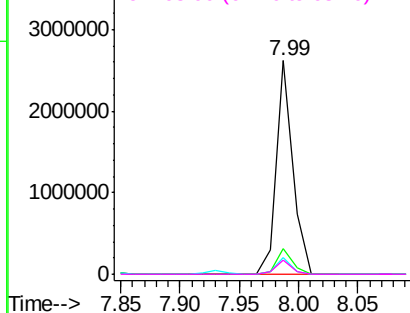


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 43.24 ng

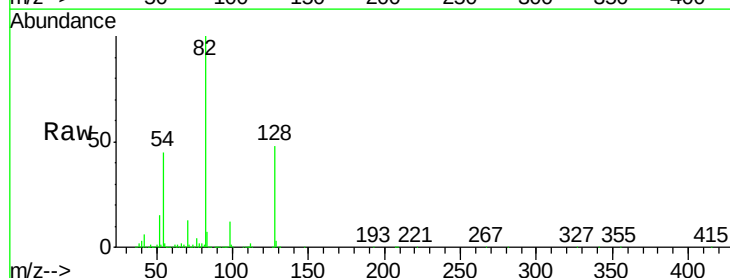
RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

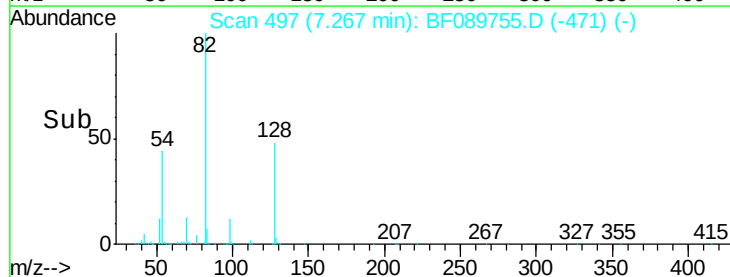
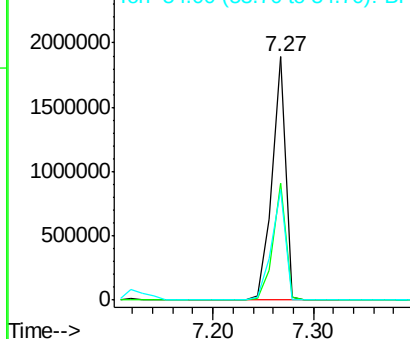
Tgt Ion	82	Resp	1773488
Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.4	51.6
54	45.4	40.3	60.5

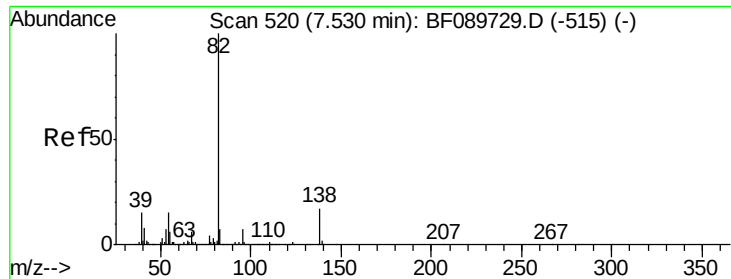


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 82.21 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

Instrument :

BNA_F

ClientSampleId :

9524

Tot Ion: 82 Resp: 6746555

Ion Ratio Lower Upper

82 100

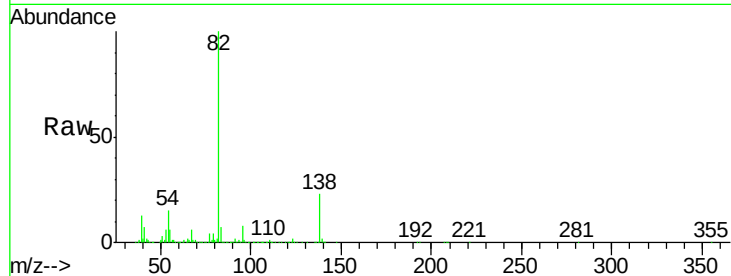
95 8.4 5.3 7.9#

138 23.4 13.0 19.4#

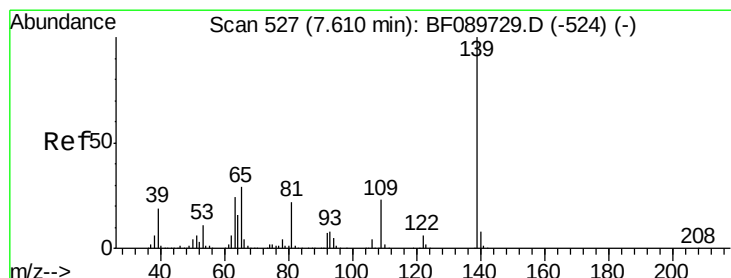
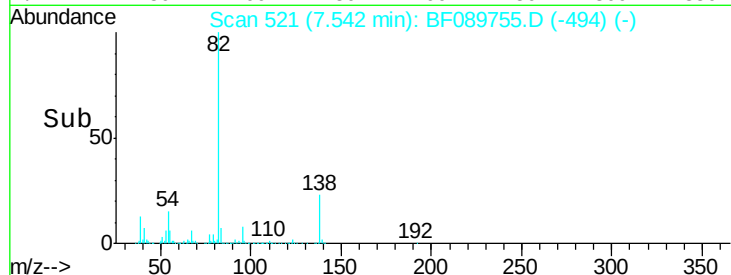
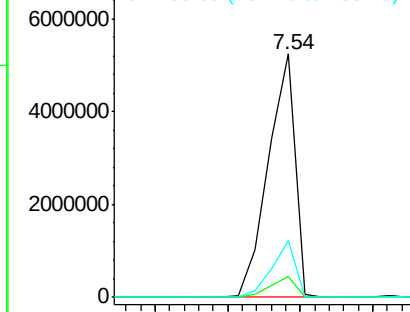
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 74.36 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

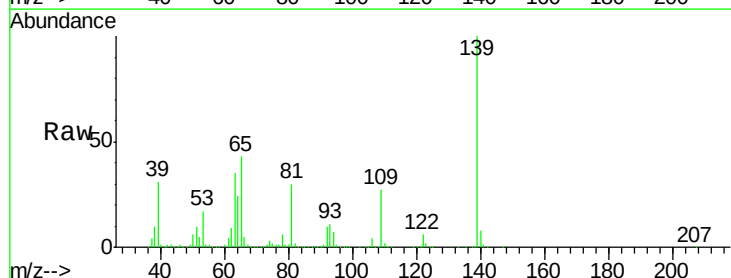
Tgt Ion:139 Resp: 1614231

Ion Ratio Lower Upper

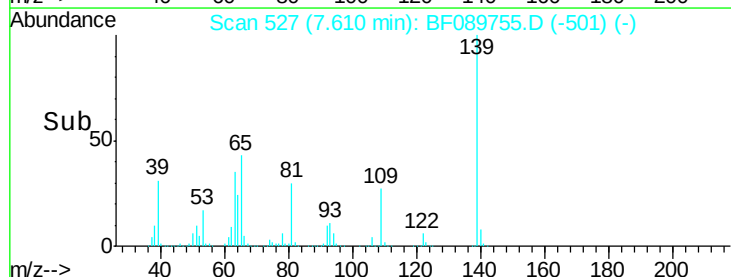
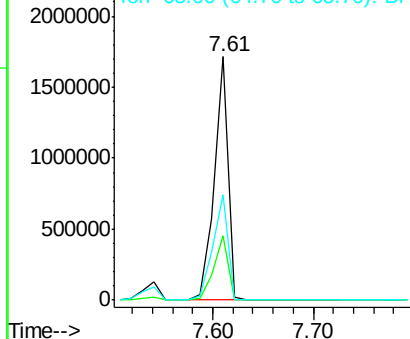
139 100

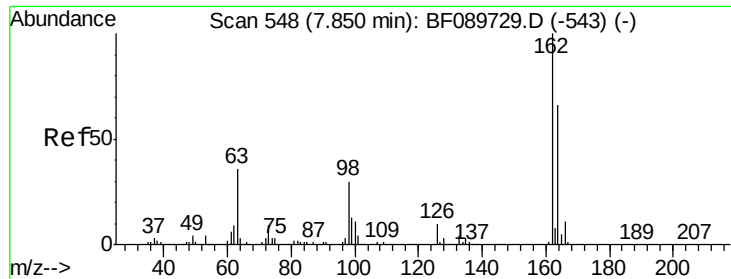
109 26.7 19.5 29.3

65 43.1 26.5 39.7#



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





#29

2,4-Dichlorophenol

Concen: 85.19 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

Instrument :

BNA_F

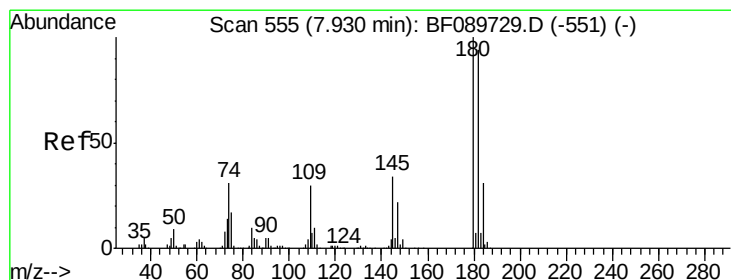
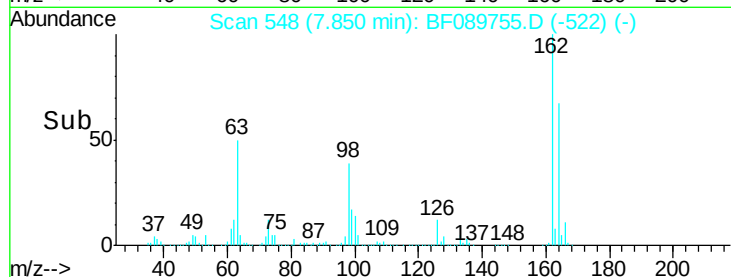
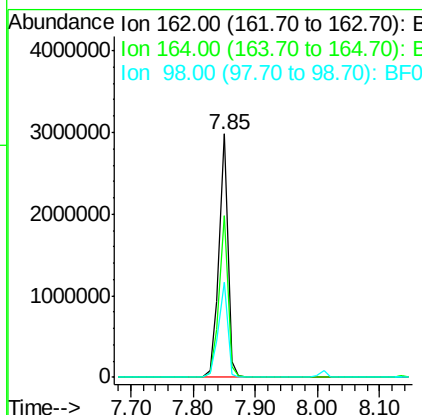
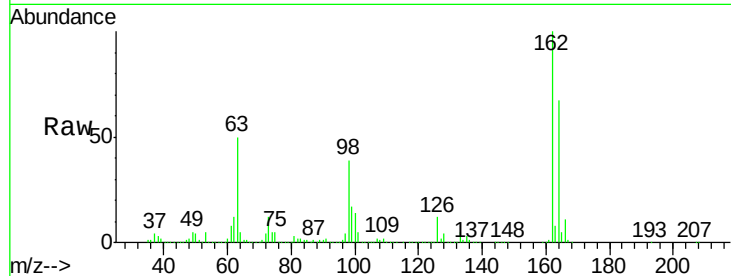
ClientSampled :

9524

Tot Ion:	162	Resp:	2918191
Ion	Ratio	Lower	Upper
162	100		
164	66.5	45.5	85.5
98	38.9	12.4	52.4

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#30

1,2,4-Trichlorobenzene

Concen: 90.99 ng

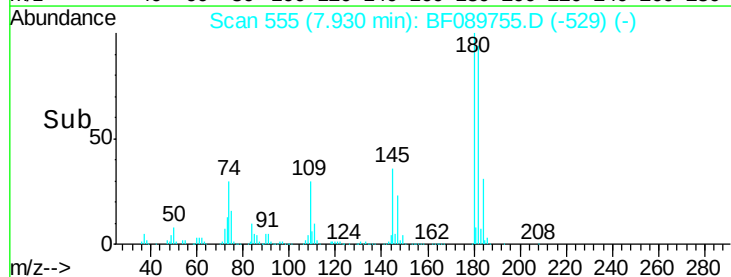
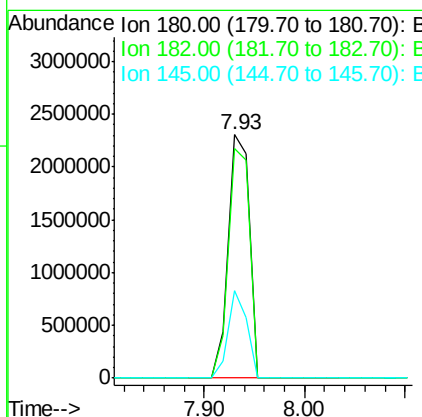
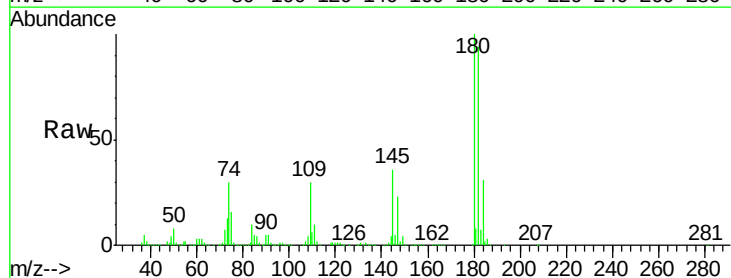
RT: 7.93 min Scan# 555

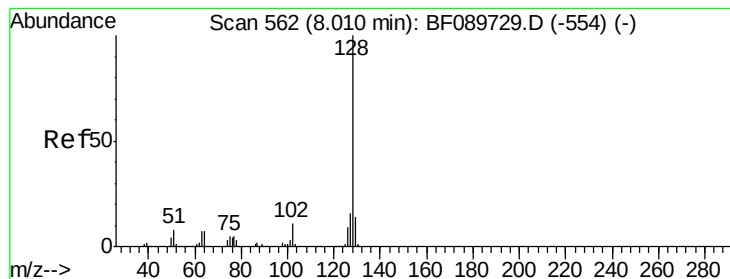
Delta R.T. 0.00 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

Tgt Ion:	180	Resp:	3346026
Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.5	113.3
145	35.9	28.7	43.1





#31

Naphthalene

Concen: 41.23 ng

RT: 8.01 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

Instrument :

BNA_F

ClientSampled :

9524

Tot Ion:128 Resp: 4634973

Ion Ratio Lower Upper

128 100

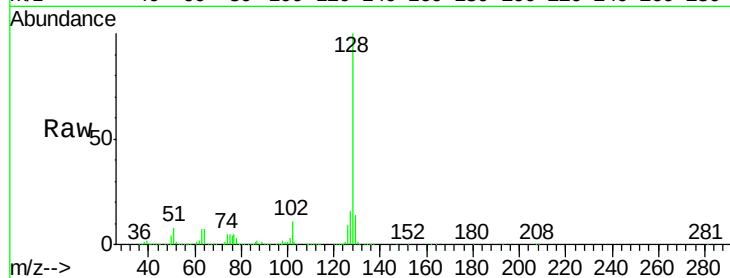
129 13.7 9.5 14.3

127 16.0 11.3 16.9

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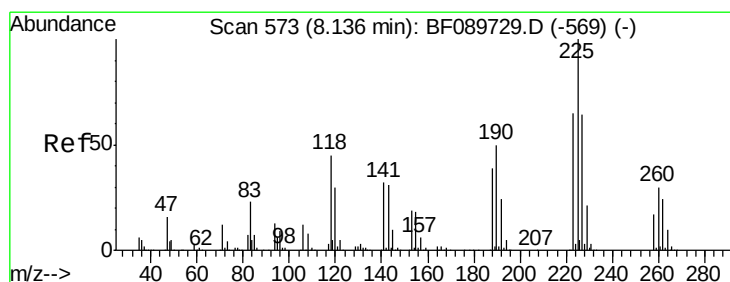
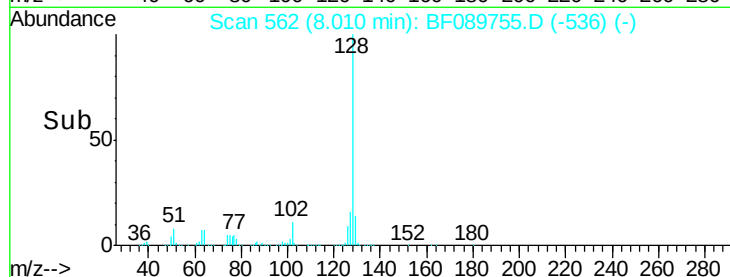
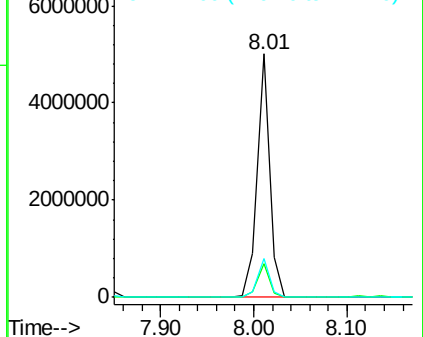
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

Hexachlorobutadiene

Concen: 58.95 ng

RT: 8.14 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

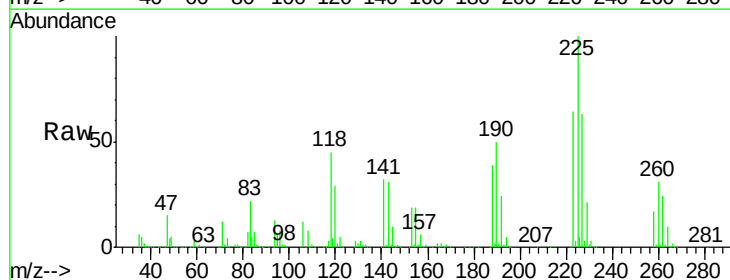
Tgt Ion:225 Resp: 1138968

Ion Ratio Lower Upper

225 100

223 64.0 51.0 76.6

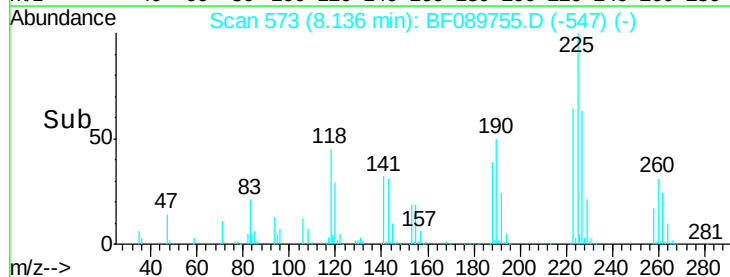
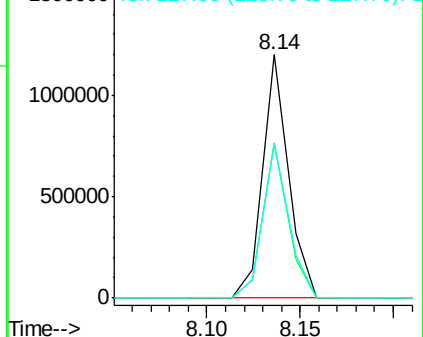
227 63.1 49.8 74.6

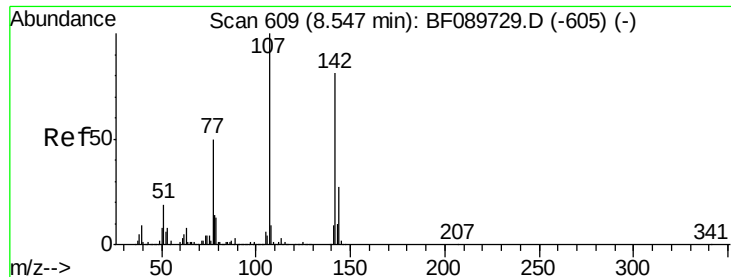


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





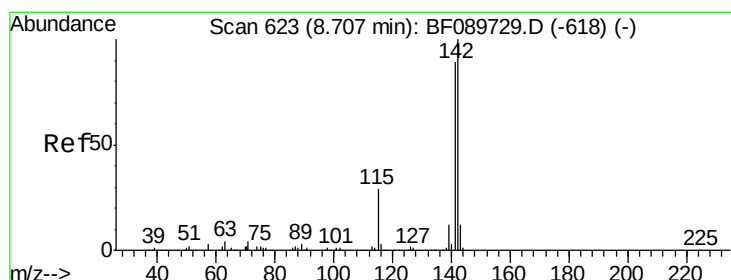
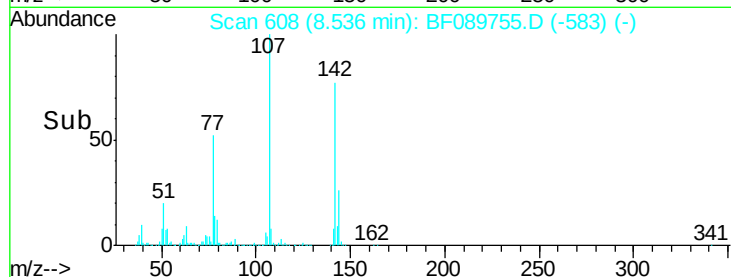
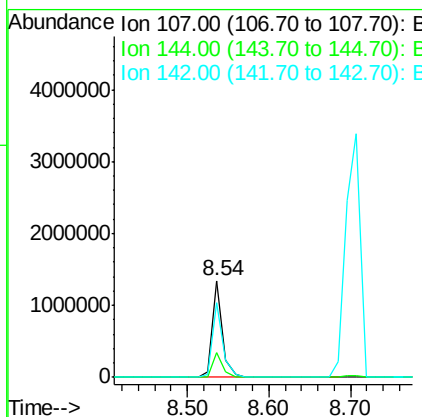
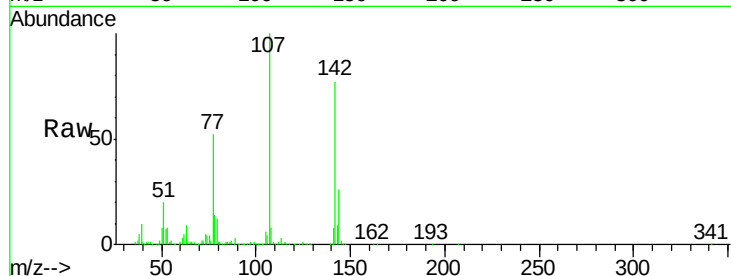
#36
4-Chloro-3-methylphenol
Concen: 32.25 ng
RT: 8.54 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF089755.D
Acq: 17 Aug 2016 10:52

Instrument :
BNA_F
ClientSampled :
9524

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.6	22.6	34.0
142	77.4	69.3	103.9

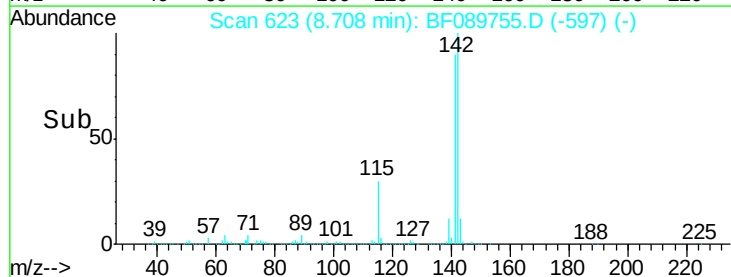
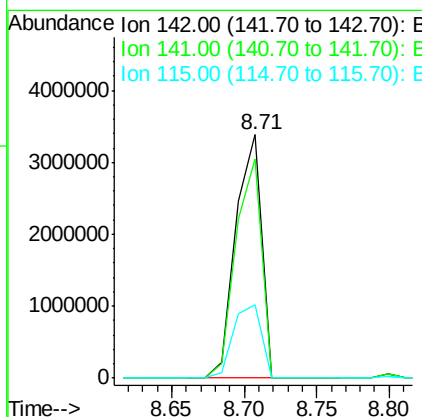
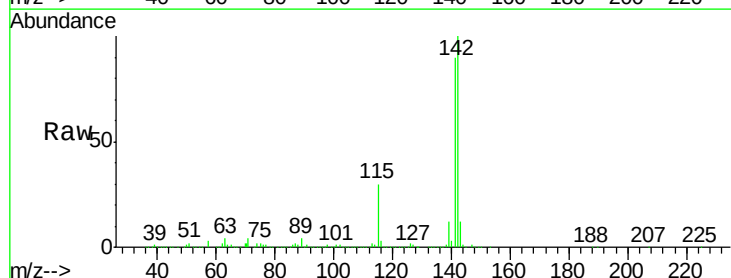
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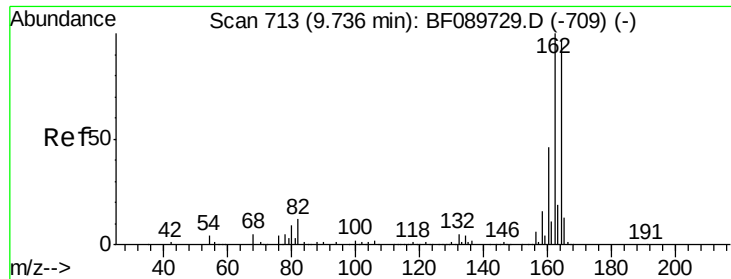
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#37
2-Methylnaphthalene
Concen: 54.55 ng
RT: 8.71 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF089755.D
Acq: 17 Aug 2016 10:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2
115	30.1	22.7	34.1





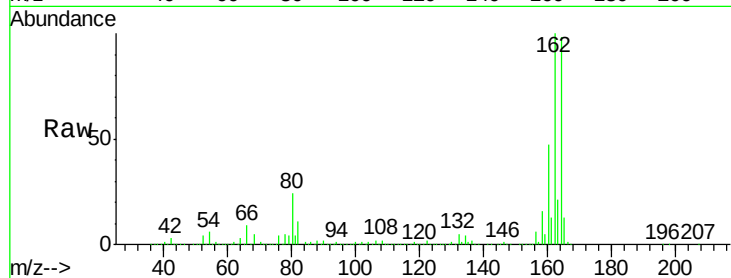
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089755.D
Acq: 17 Aug 2016 10:52

Instrument :
BNA_F
ClientSampled :
9524

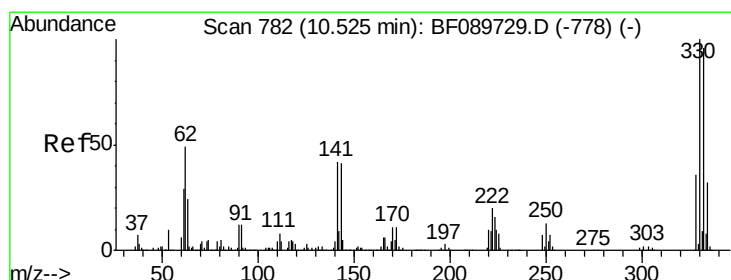
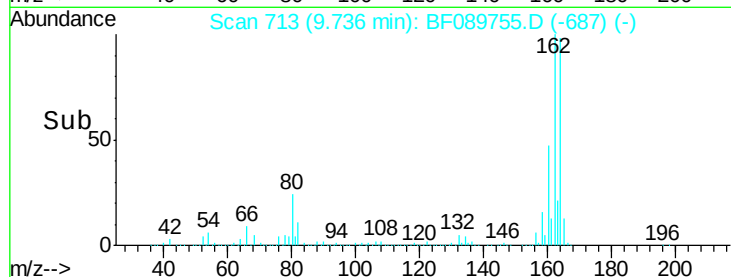
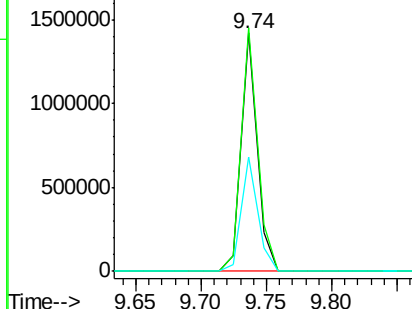
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.2
160	48.3	37.8	56.6

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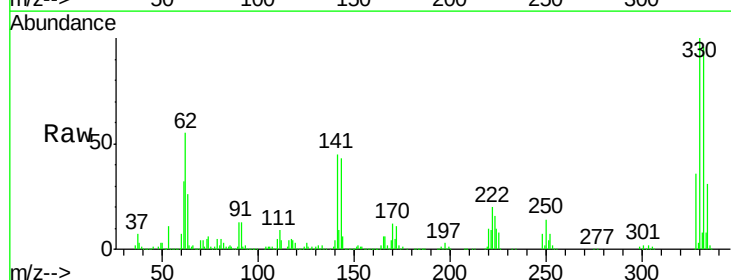


Abundance Ion 164.00 (163.70 to 164.70): E
2000000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

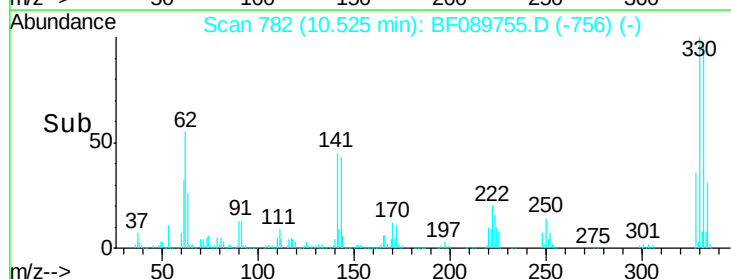
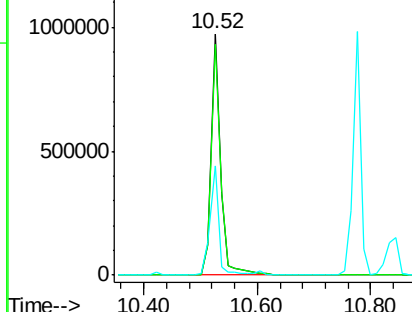


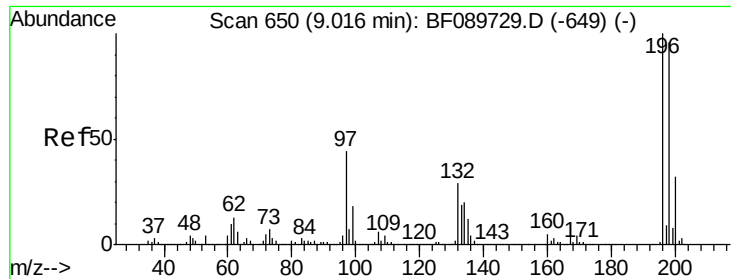
#41
2,4,6-Tribromophenol
Concen: 93.25 ng
RT: 10.52 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF089755.D
Acq: 17 Aug 2016 10:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.7	115.1
141	40.9	30.2	45.2



Abundance Ion 329.80 (329.50 to 330.50): E
1000000
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





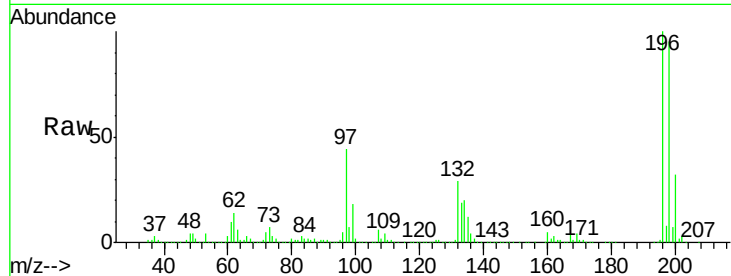
#43
 2,4,5-Trichlorophenol
 Concen: 88.76 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF089755.D
 Acq: 17 Aug 2016 10:52

Instrument :
 BNA_F
 ClientSampleId :
 9524

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.6	114.8
97	44.3	35.8	53.8
132	29.1	23.5	35.3

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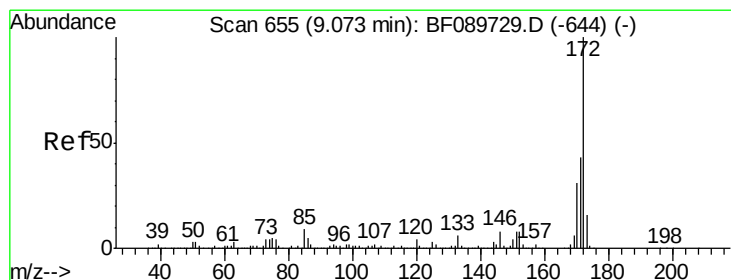
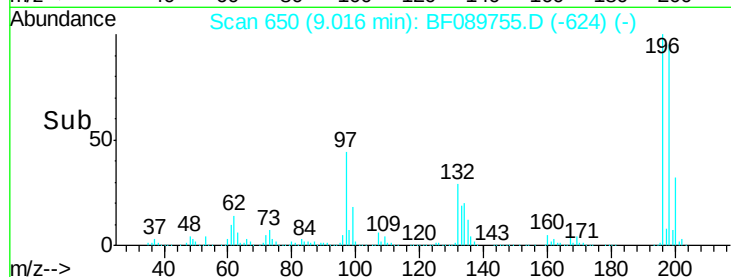
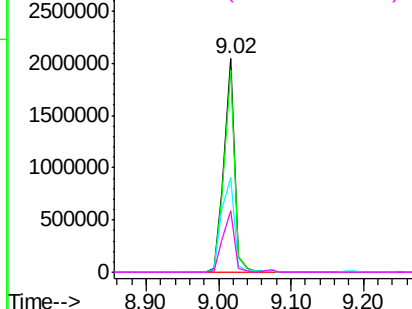
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

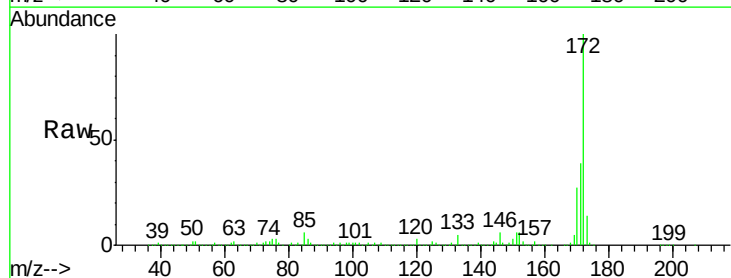
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 55.39 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089755.D
 Acq: 17 Aug 2016 10:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.5	45.7
170	26.8	20.6	31.0

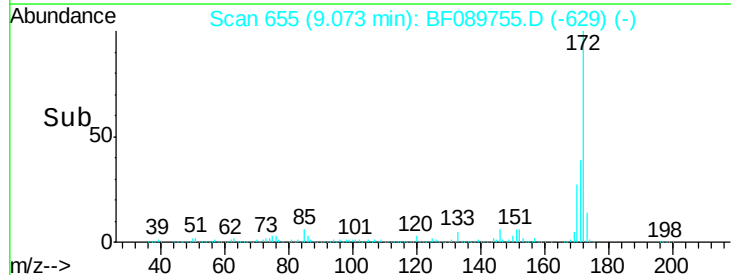
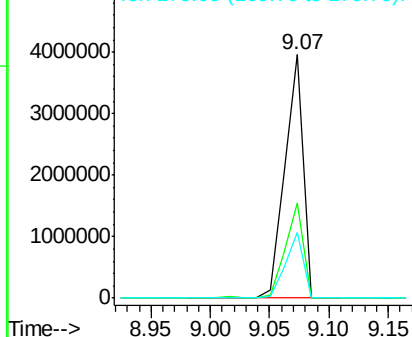


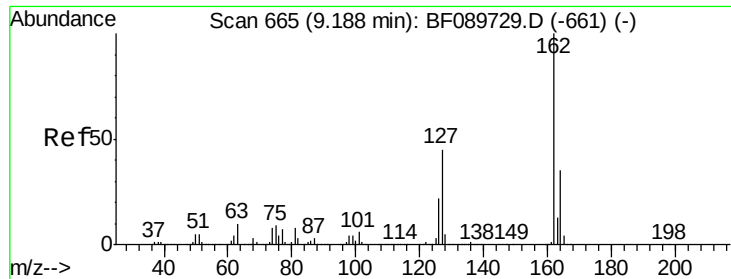
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





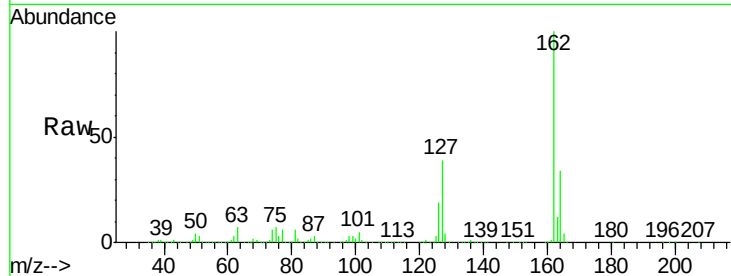
#46
2-Chloronaphthalene
Concen: 26.10 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF089755.D
Acq: 17 Aug 2016 10:52

Instrument :
BNA_F
ClientSampleId :
9524

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	35.5	53.3
164	34.5	26.6	40.0

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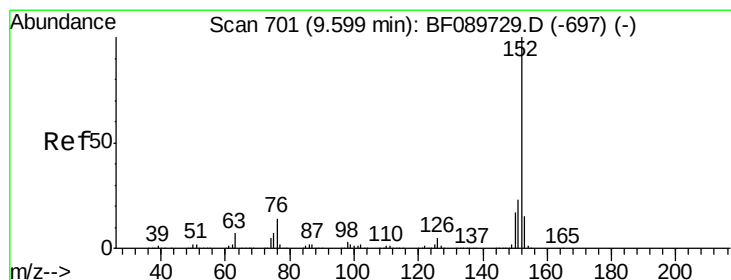
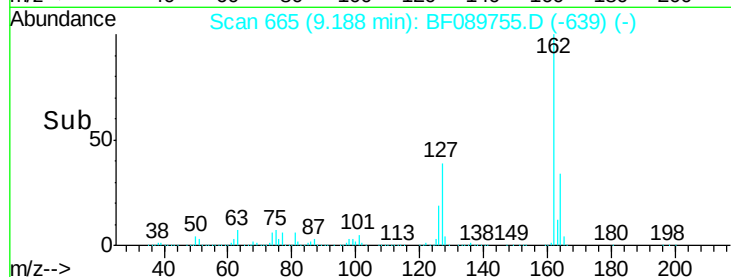
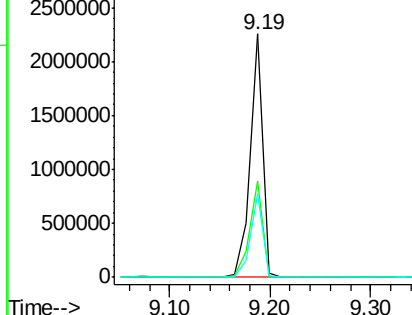


Abundance

Ion 162.00 (161.70 to 162.70): E

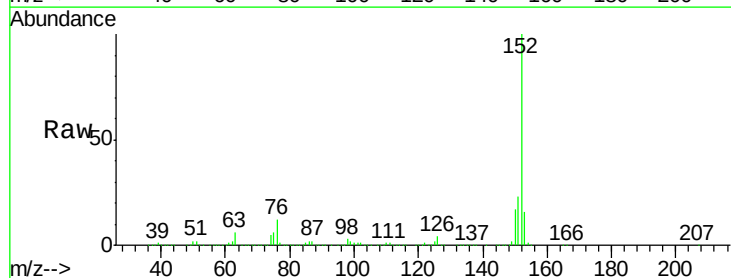
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
Acenaphthylene
Concen: 33.98 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF089755.D
Acq: 17 Aug 2016 10:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.4	17.1	25.7
153	15.6	11.2	16.8

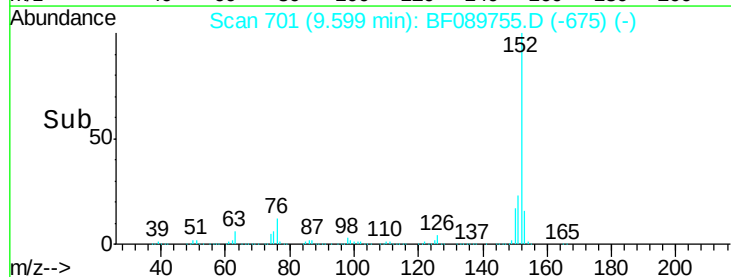
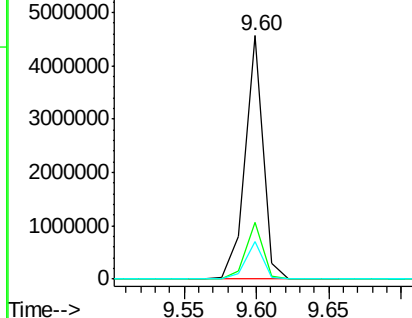


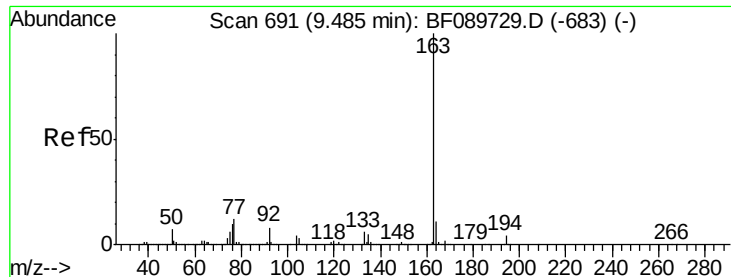
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 9.98 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

Instrument :

BNA_F

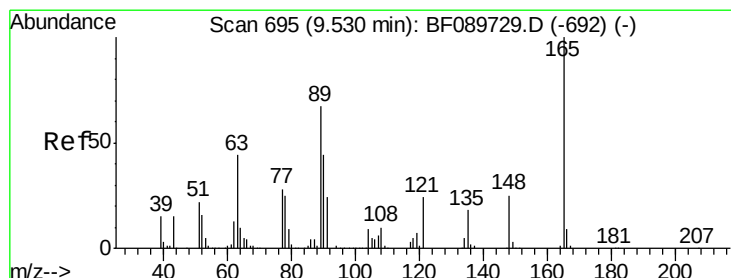
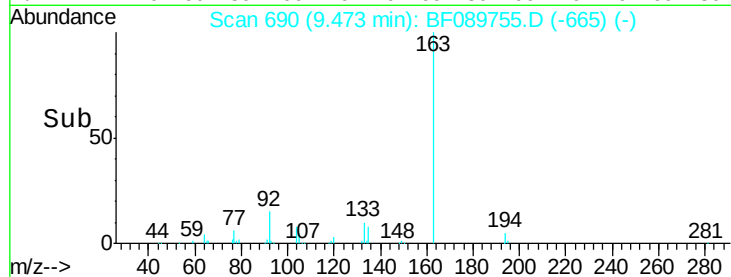
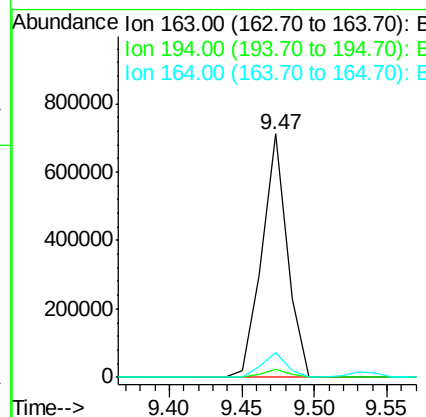
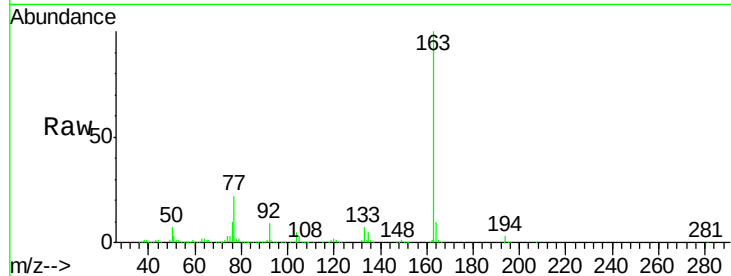
ClientSampleId :

9524

Tot Ion:	163	Resp:	865754
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	3.8
164	10.2	8.6	12.8

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#50

2,6-Dinitrotoluene

Concen: 94.14 ng

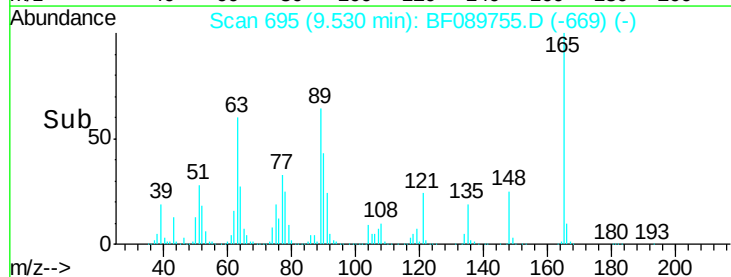
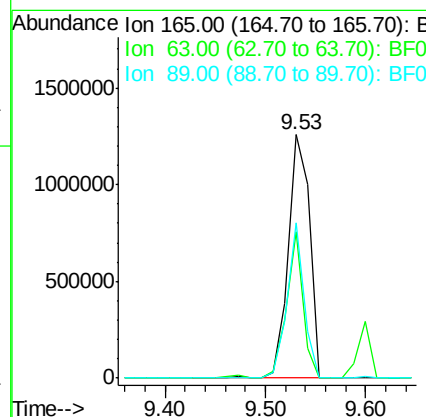
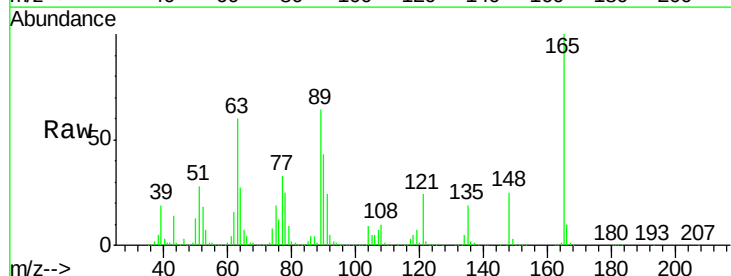
RT: 9.53 min Scan# 695

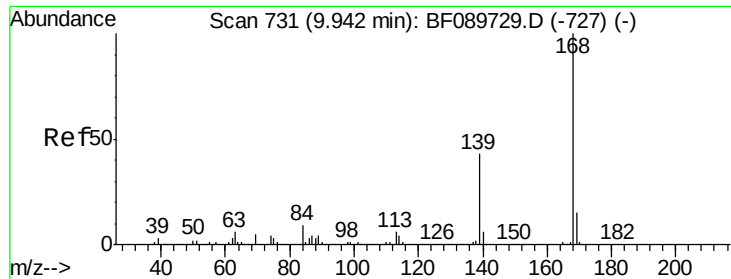
Delta R.T. 0.00 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

Tgt Ion:	165	Resp:	1848634
Ion Ratio	Lower	Upper	
165	100		
63	60.0	41.7	62.5
89	63.8	44.6	67.0





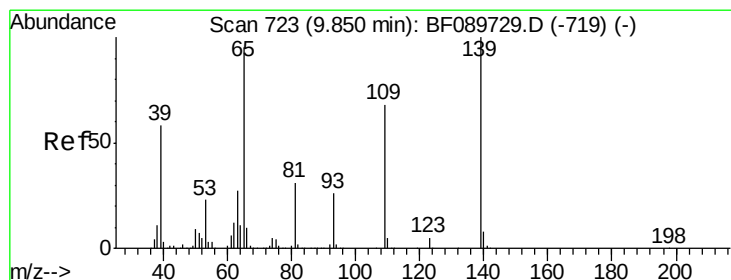
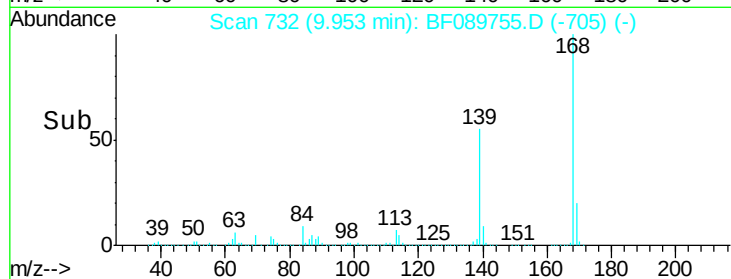
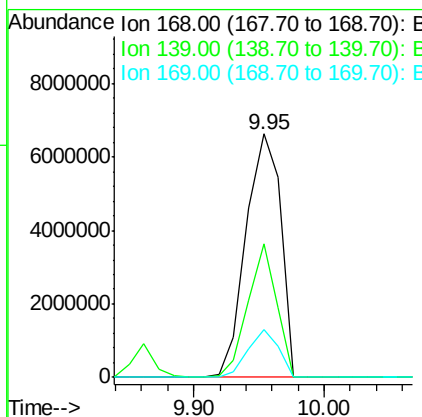
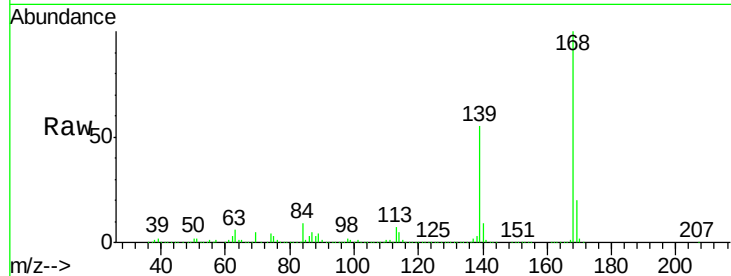
#54
Dibenzofuran
Concen: 128.91 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF089755.D
Acq: 17 Aug 2016 10:52

Instrument :
BNA_F
ClientSampled :
9524

Tot Ion:168 Resp:12263791
Ion Ratio Lower Upper
168 100
139 54.6 34.6 52.0#
169 19.5 11.5 17.3#

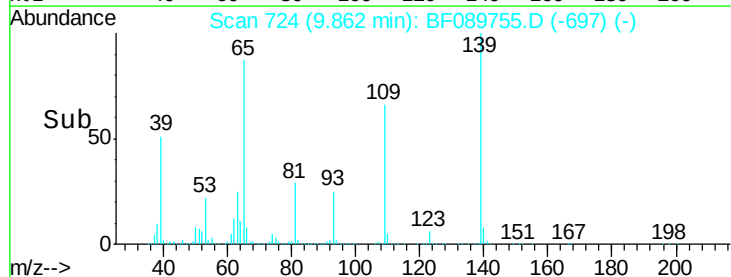
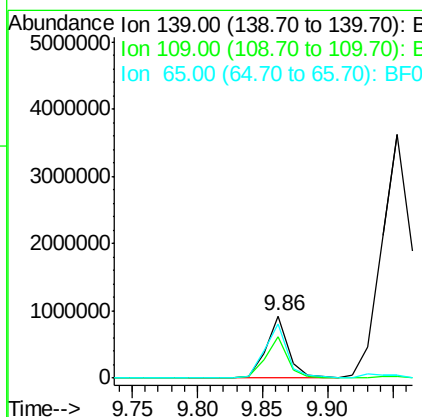
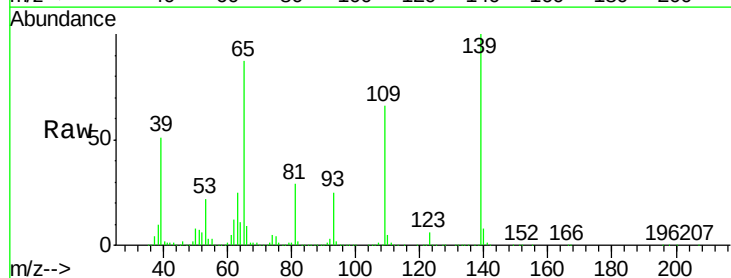
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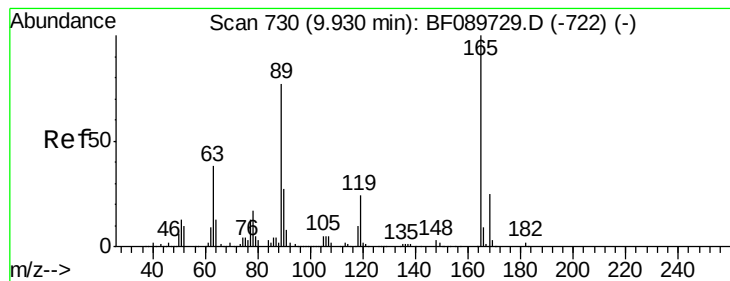
sohil
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#55
4-Nitrophenol
Concen: 62.99 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF089755.D
Acq: 17 Aug 2016 10:52

Tgt Ion:139 Resp: 1106444
Ion Ratio Lower Upper
139 100
109 66.2 43.0 83.0
65 87.1 55.7 95.7





#56

2,4-Dinitrotoluene

Concen: 33.11 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

Instrument :

BNA_F

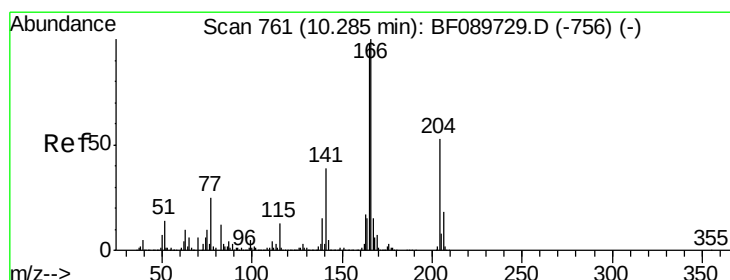
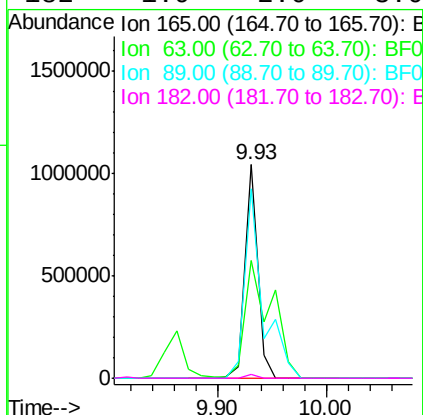
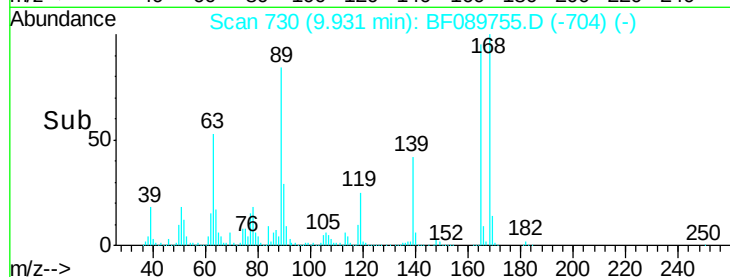
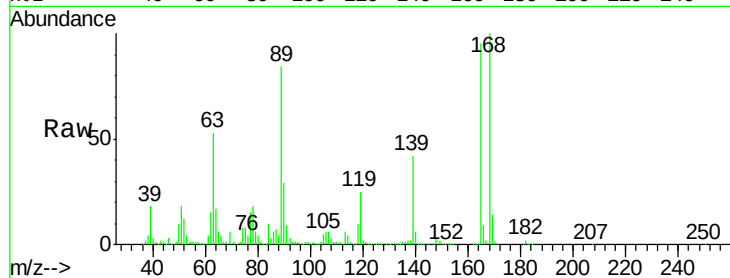
ClientSampleId :

9524

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		835663		
63	55.3	23.7	35.5#		
89	88.4	44.0	66.0#		
182	1.9	2.0	3.0#		

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#57

Fluorene

Concen: 64.19 ng

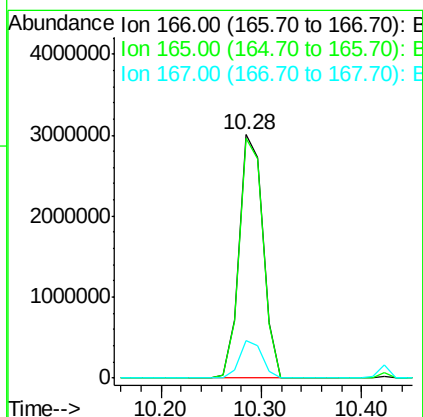
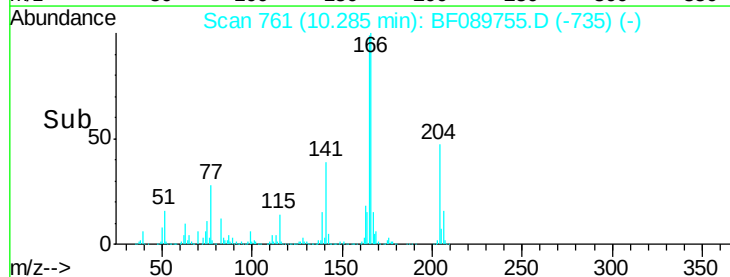
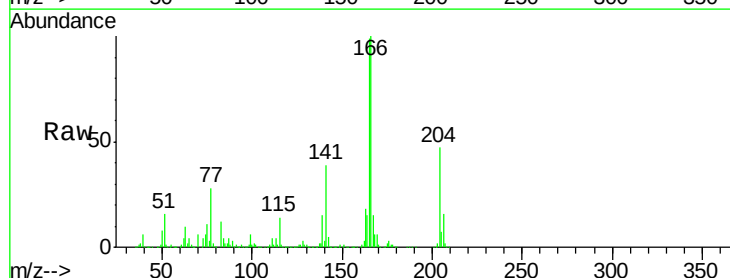
RT: 10.28 min Scan# 761

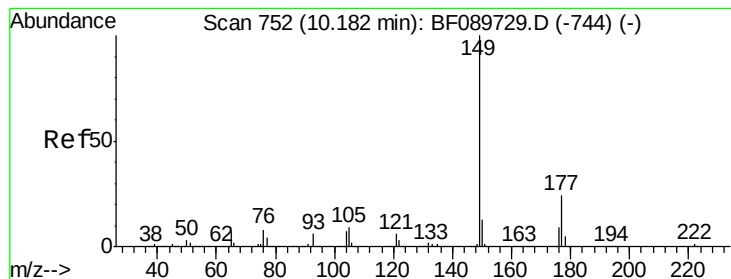
Delta R.T. 0.00 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		4933325		
165	98.7	80.2	120.4		
167	15.2	11.3	16.9		





#59

Diethylphthalate

Concen: 113.32 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

Instrument :

BNA_F

ClientSampled :

9524

Tot Ion:149 Resp: 9969166

Ion Ratio Lower Upper

149 100

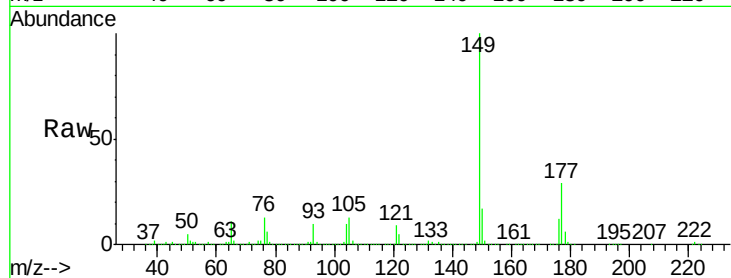
177 29.2 16.6 25.0#

150 17.5 10.5 15.7#

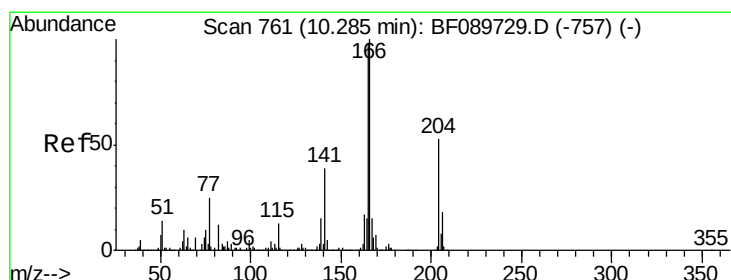
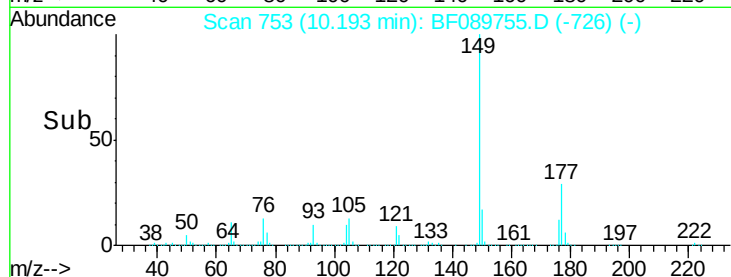
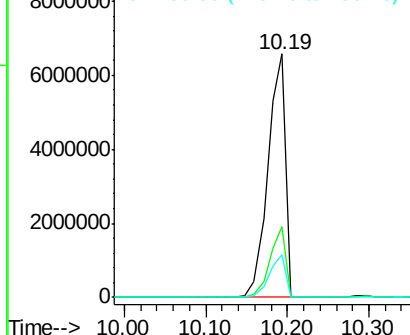
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 75.38 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

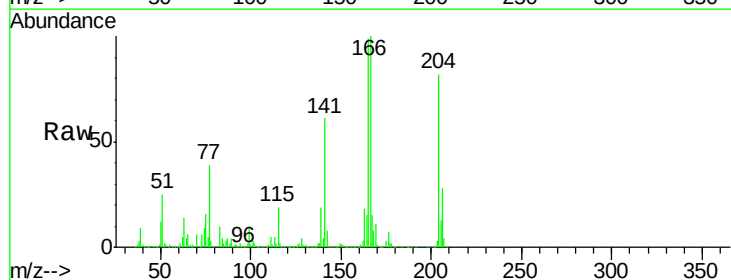
Tgt Ion:204 Resp: 2844323

Ion Ratio Lower Upper

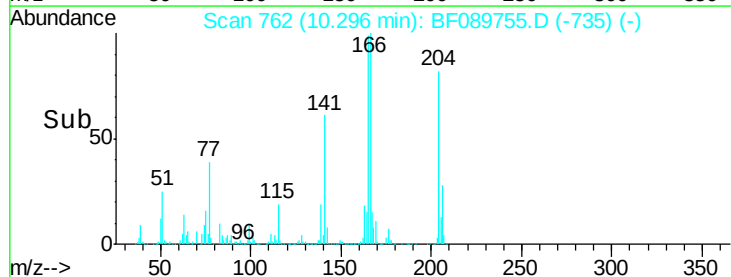
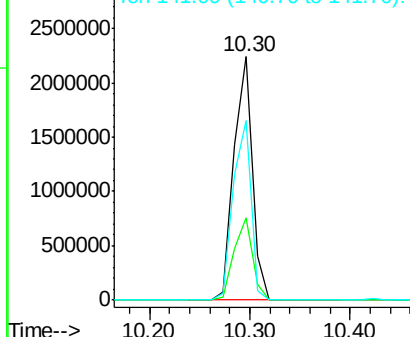
204 100

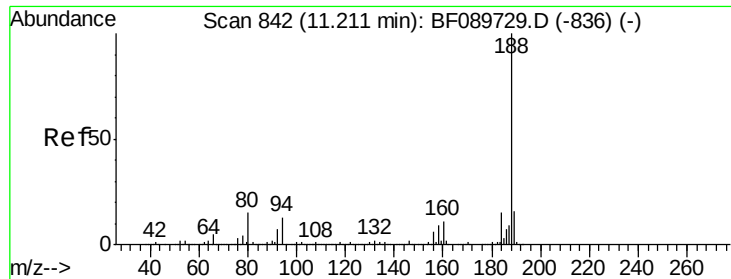
206 34.0 26.5 39.7

141 73.9 54.1 81.1



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





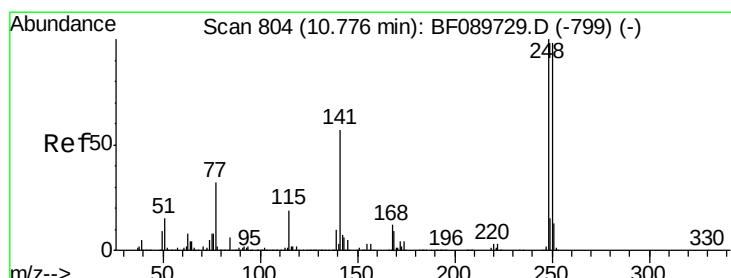
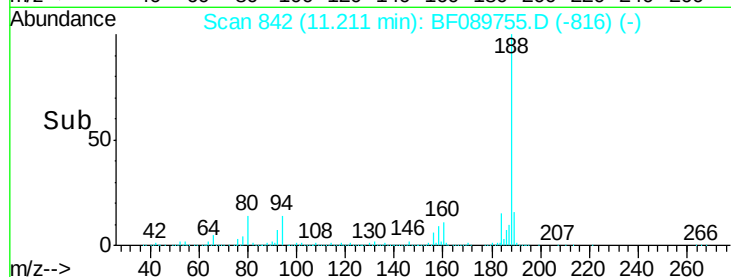
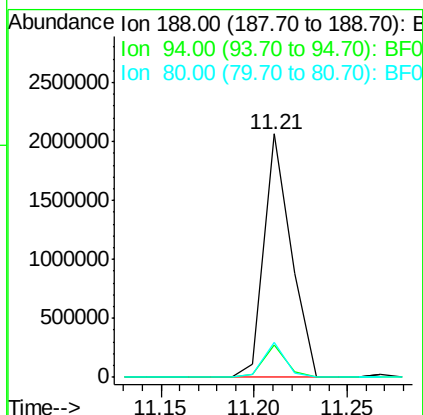
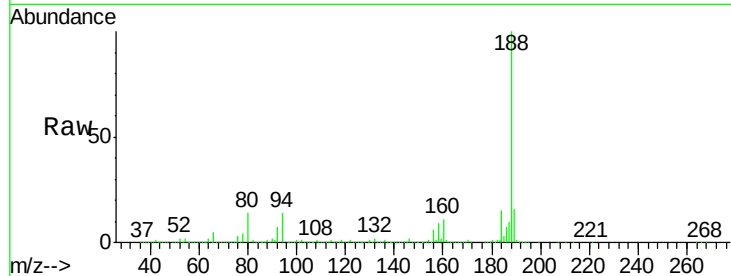
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF089755.D
Acq: 17 Aug 2016 10:52

Instrument :
BNA_F
ClientSampled :
9524

Tot Ion	Ratio	Lower	Upper
188	100		
94	13.6	10.2	15.2
80	14.2	10.9	16.3

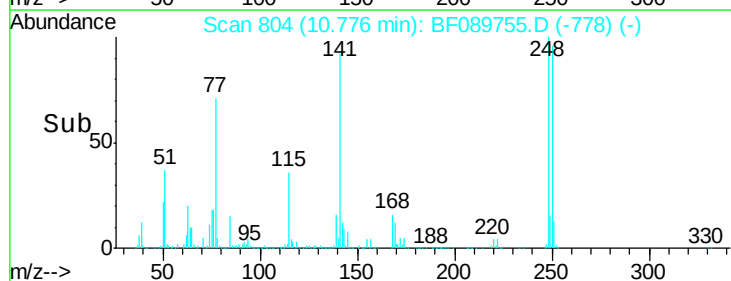
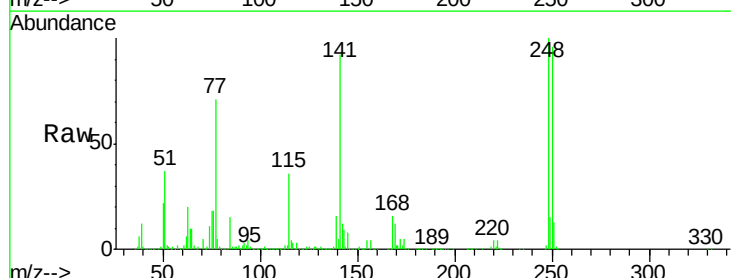
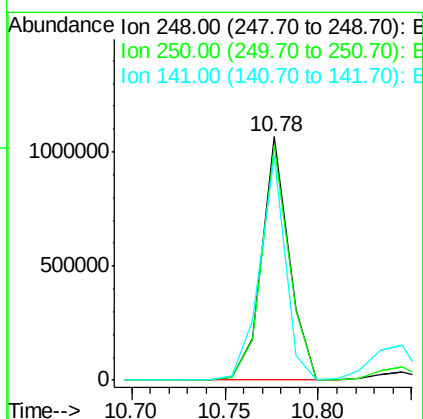
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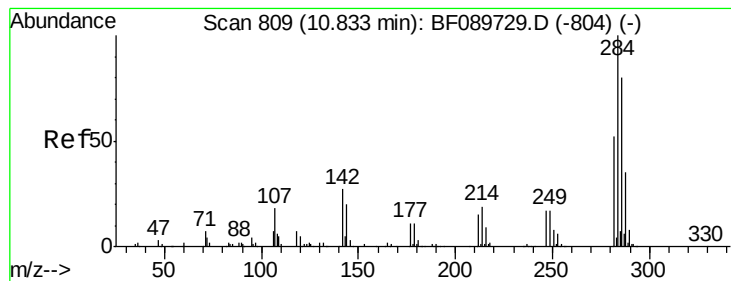
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#66
4-Bromophenyl-phenylether
Concen: 49.52 ng
RT: 10.78 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF089755.D
Acq: 17 Aug 2016 10:52

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.6	117.8
141	92.1	31.4	47.2#





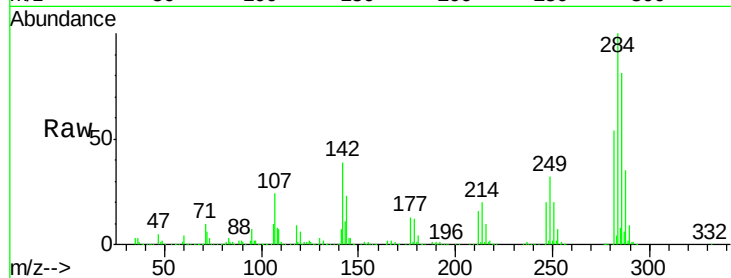
#67
Hexachlorobenzene
Concen: 143.81 ng
RT: 10.84 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF089755.D
Acq: 17 Aug 2016 10:52

Instrument :
BNA_F
ClientSampled :
9524

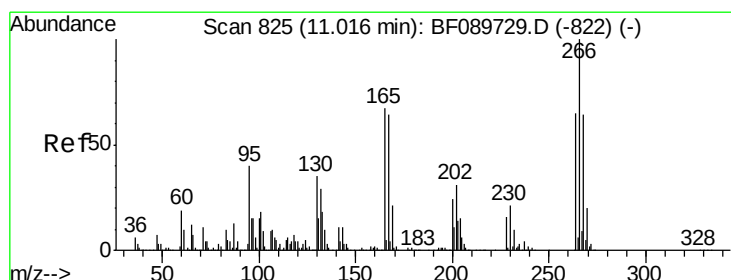
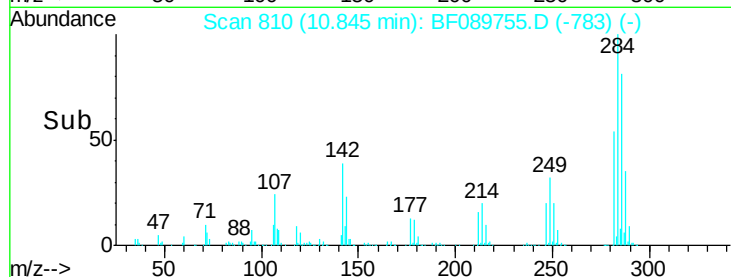
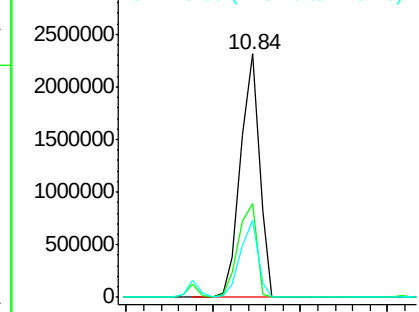
Tot Ion:284 Resp: 3485664
Ion Ratio Lower Upper
284 100
142 38.8 17.4 26.2#
249 31.7 22.8 34.2

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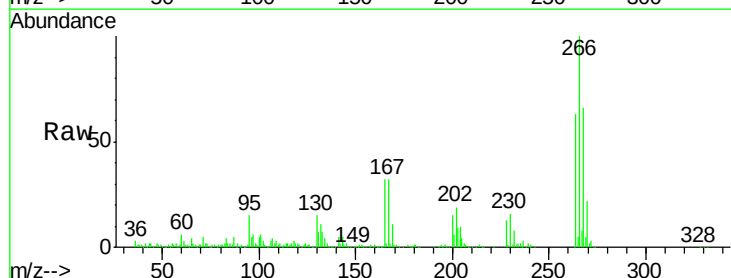


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

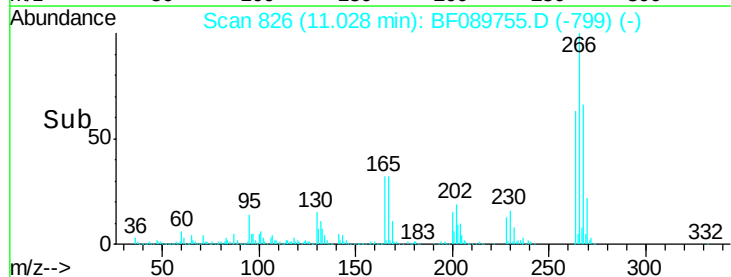
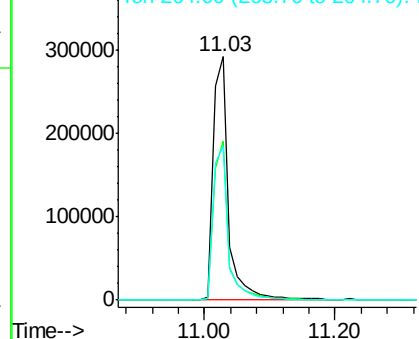


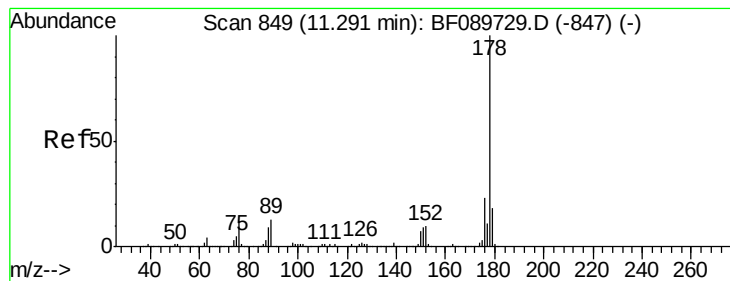
#69
Pentachlorophenol
Concen: 31.97 ng
RT: 11.03 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF089755.D
Acq: 17 Aug 2016 10:52

Tgt Ion:266 Resp: 482831
Ion Ratio Lower Upper
266 100
268 65.5 53.2 79.8
264 63.3 51.1 76.7



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





#71

Anthracene

Concen: 41.83 ng

RT: 11.29 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

Instrument :

BNA_F

ClientSampled :

9524

Tot Ion:178 Resp: 4522785

Ion Ratio Lower Upper

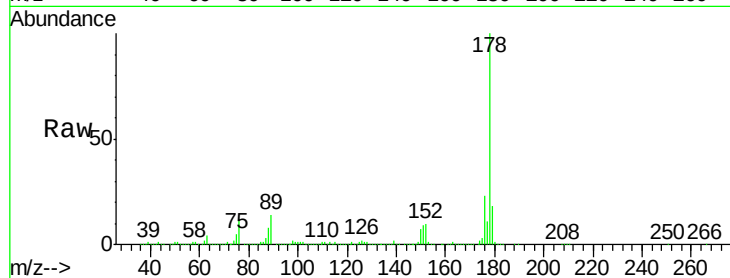
178 100

176 22.6 16.4 24.6

179 18.3 13.1 19.7

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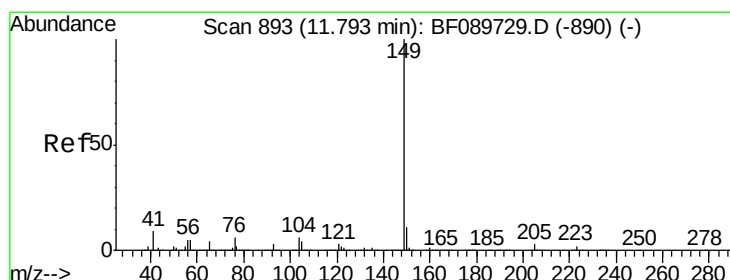
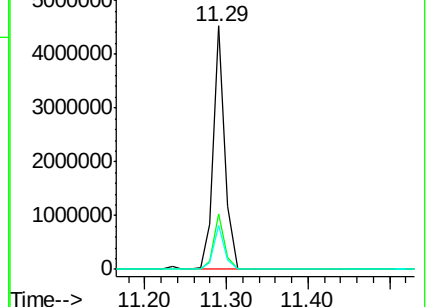
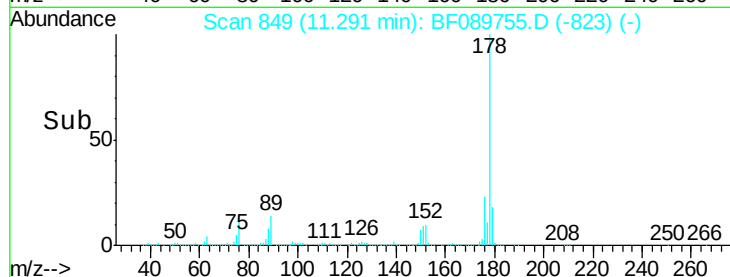
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Di-n-butylphthalate

Concen: 62.90 ng

RT: 11.80 min Scan# 894

Delta R.T. 0.01 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

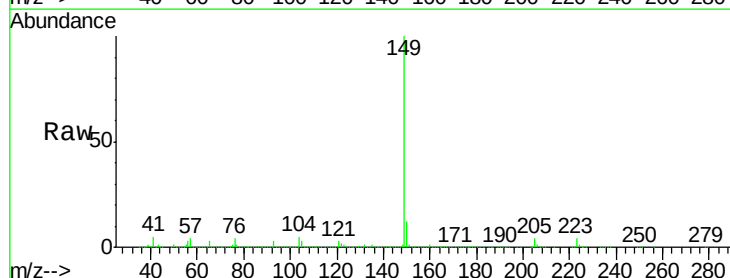
Tgt Ion:149 Resp: 7837437

Ion Ratio Lower Upper

149 100

150 12.2 7.9 11.9#

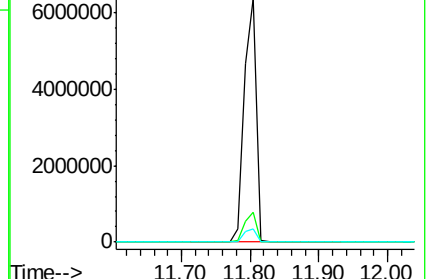
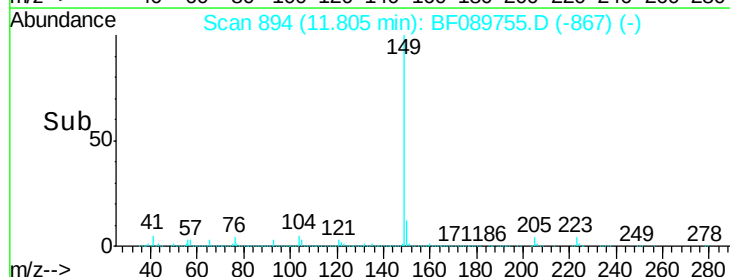
104 5.4 4.3 6.5

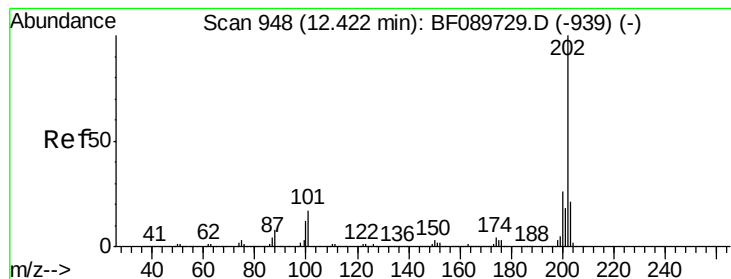


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 44.67 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

Instrument :

BNA_F

ClientSampled :

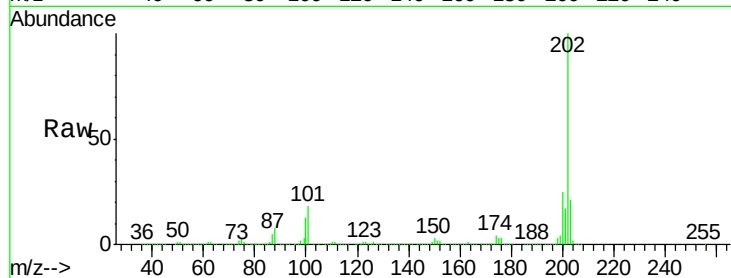
9524

Tot Ion:202 Resp: 4645177

Ion	Ratio	Lower	Upper
202	100		
101	17.6	0.0	31.2
203	20.7	0.0	38.1

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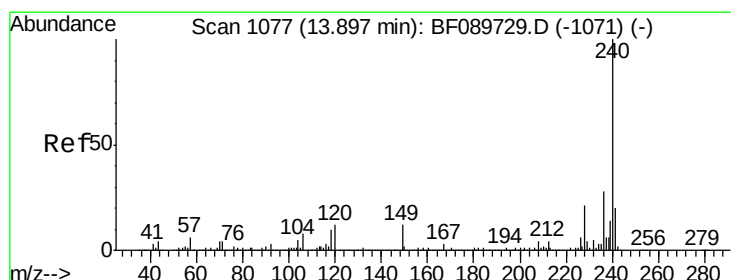
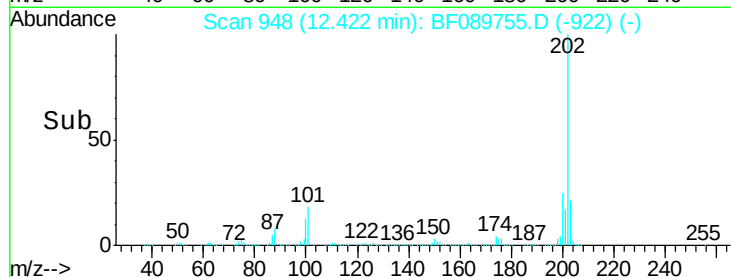
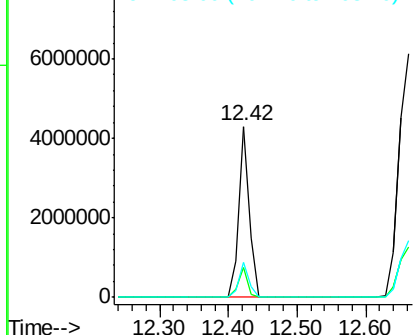
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1079

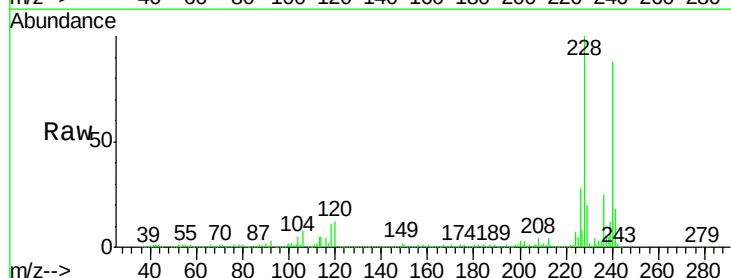
Delta R.T. 0.02 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

Tgt Ion:240 Resp: 1623149

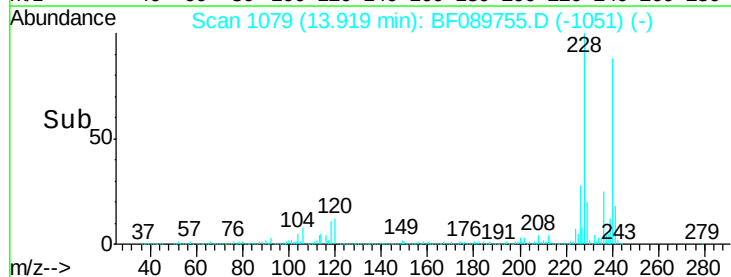
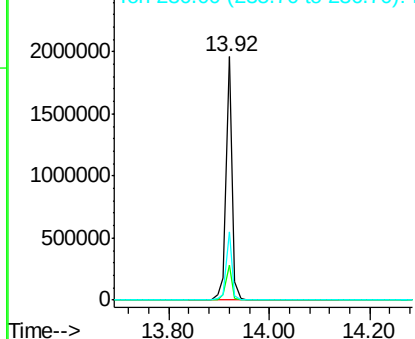
Ion	Ratio	Lower	Upper
240	100		
120	14.2	8.3	12.5#
236	28.0	21.3	31.9

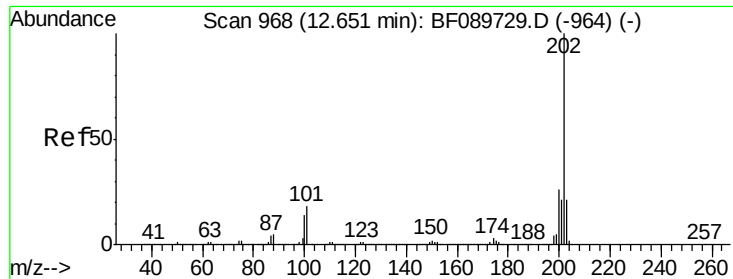


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 107.08 ng/mL

RT: 12.66 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

Instrument :

BNA_F

ClientSampleId :

9524

Tot Ion:202 Resp:11374275

Ion Ratio Lower Upper

202 100

200 30.0 17.8 26.6#

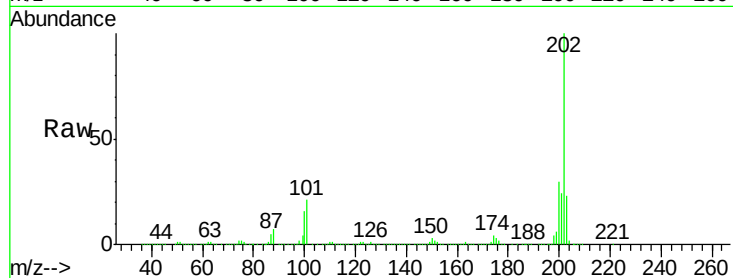
203 23.4 14.2 21.4#

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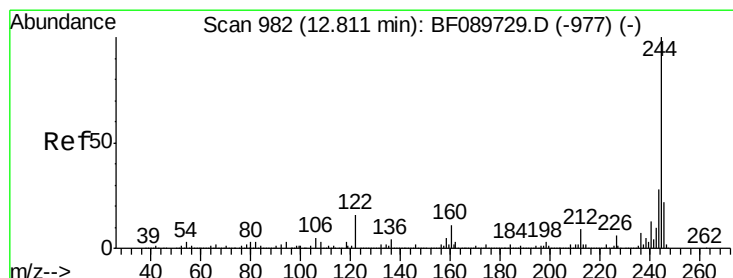
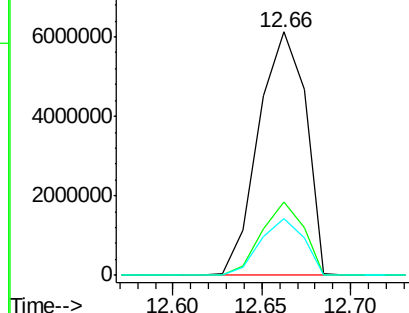
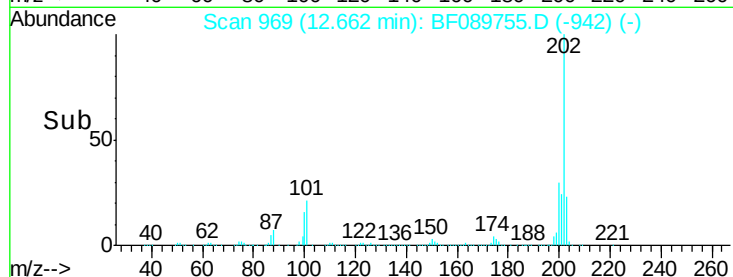
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.29 ng/mL

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089755.D

Acq: 17 Aug 2016 10:52

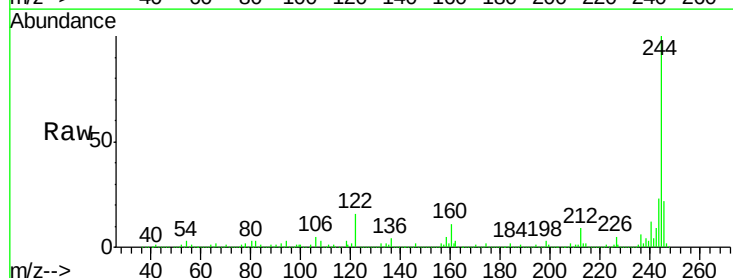
Tgt Ion:244 Resp: 3927388

Ion Ratio Lower Upper

244 100

212 9.0 6.3 9.5

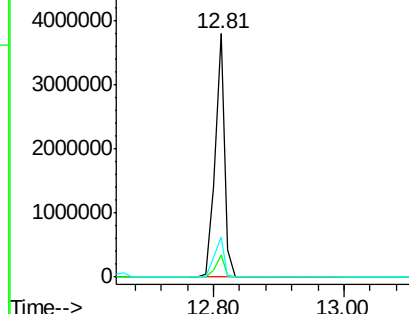
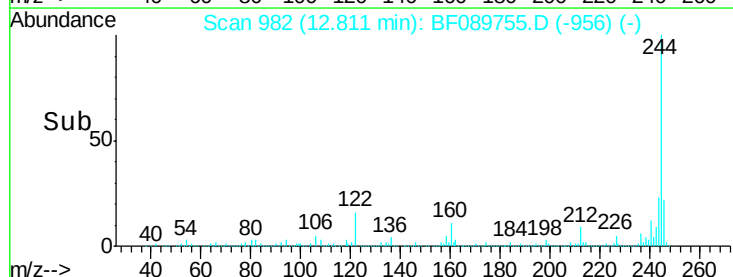
122 16.3 12.0 18.0

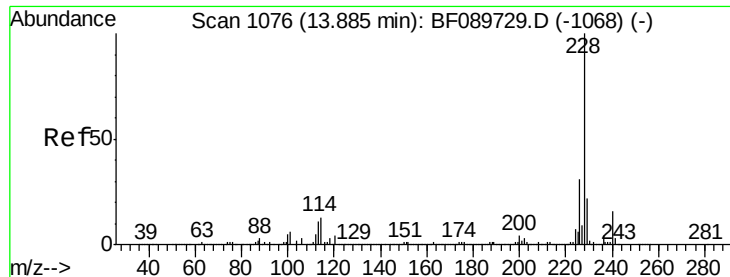


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





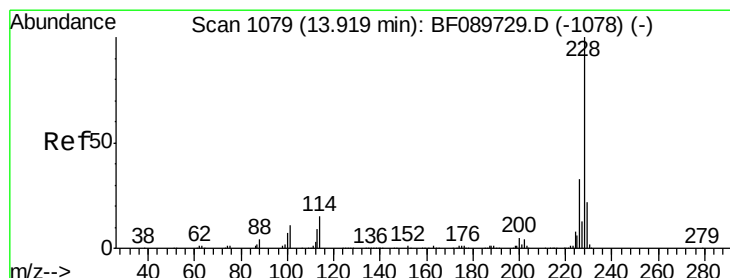
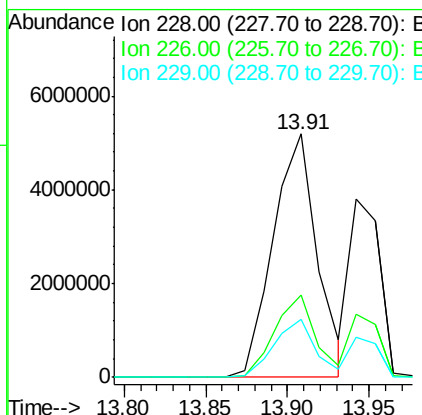
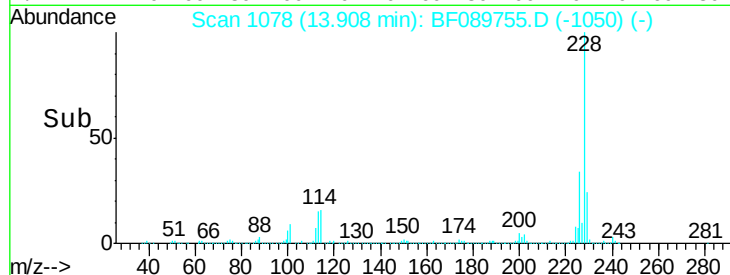
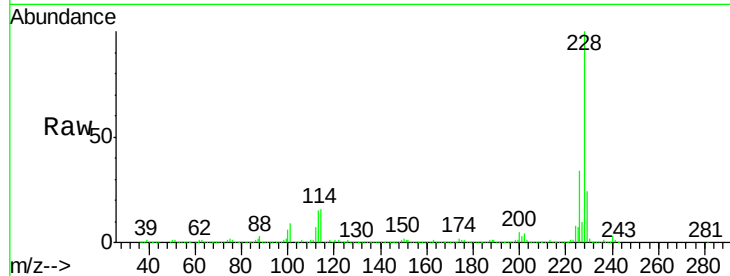
#80
Benzo(a)anthracene
Concen: 103.97 ng
RT: 13.91 min Scan# 1078
Delta R.T. 0.02 min
Lab File: BF089755.D
Acq: 17 Aug 2016 10:52

Instrument :
BNA_F
ClientSampleId :
9524

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.0	23.2	34.8
229	23.9	16.2	24.4

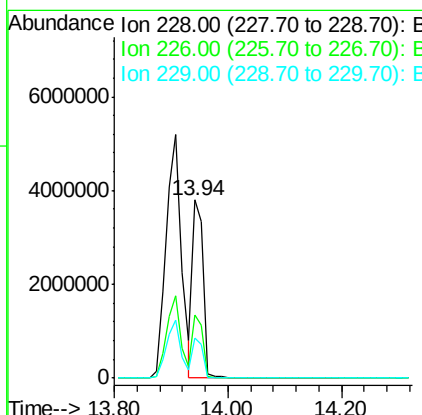
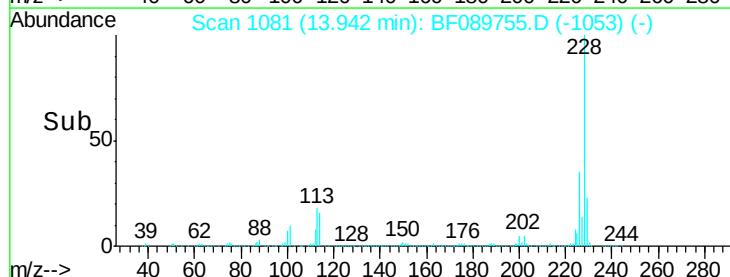
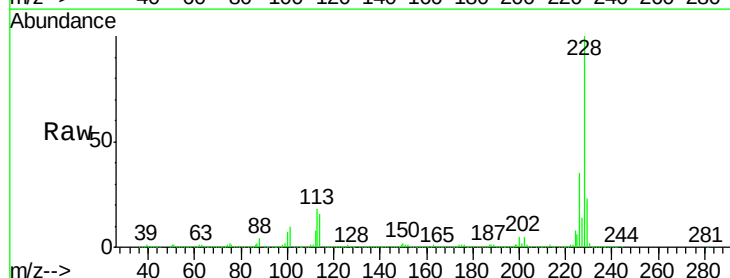
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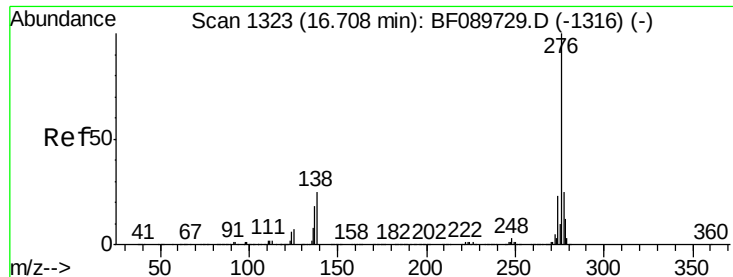
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#82
Chrysene
Concen: 59.89 ng
RT: 13.94 min Scan# 1081
Delta R.T. 0.02 min
Lab File: BF089755.D
Acq: 17 Aug 2016 10:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.1	25.4	38.0
229	22.6	16.5	24.7





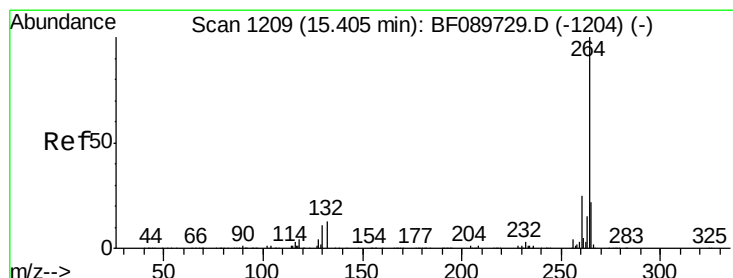
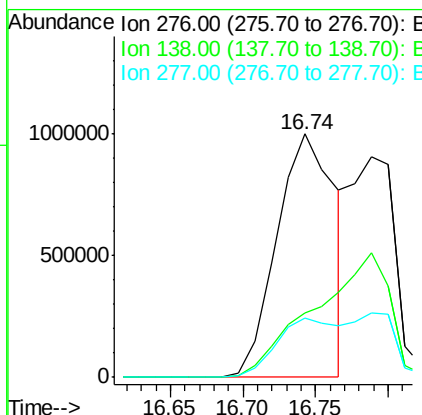
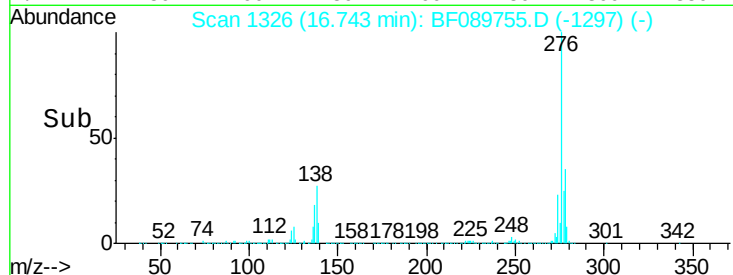
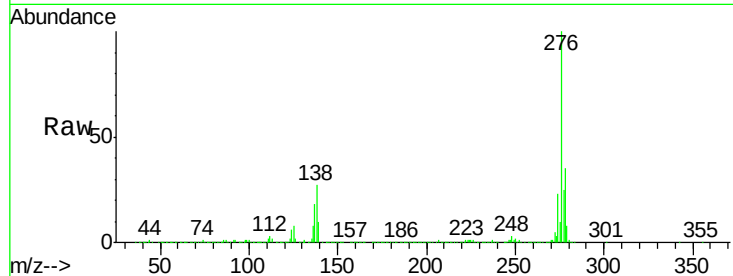
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.73 ng
 RT: 16.74 min Scan# 1326
 Delta R.T. 0.03 min
 Lab File: BF089755.D
 Acq: 17 Aug 2016 10:52

Instrument :
 BNA_F
 ClientSampled :
 9524

Tot Ion:276 Resp: 2800358
 Ion Ratio Lower Upper
 276 100
 138 0.0 24.6 36.8#
 277 25.4 20.4 30.6

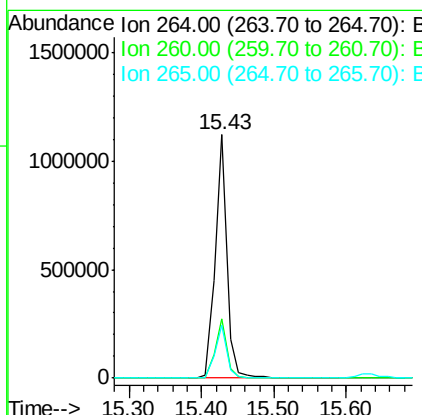
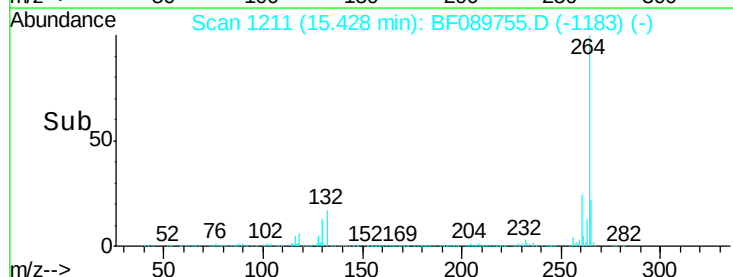
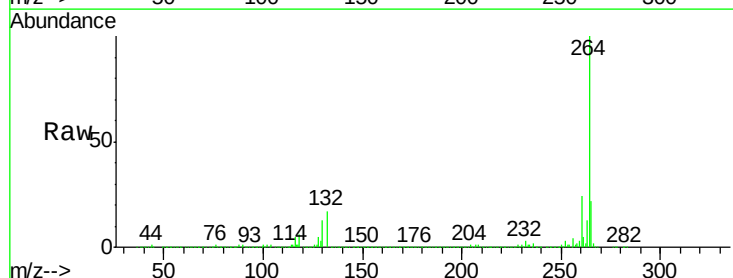
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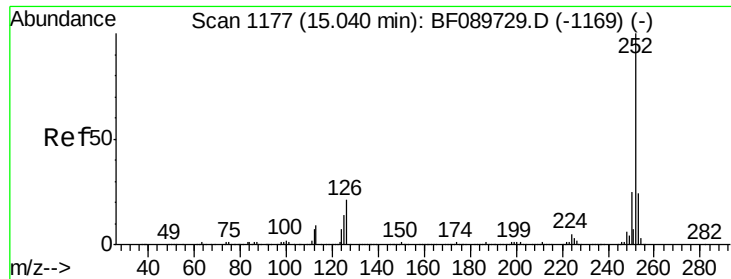
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1211
 Delta R.T. 0.02 min
 Lab File: BF089755.D
 Acq: 17 Aug 2016 10:52

Tgt Ion:264 Resp: 1254822
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.2 30.2
 265 22.0 17.4 26.2





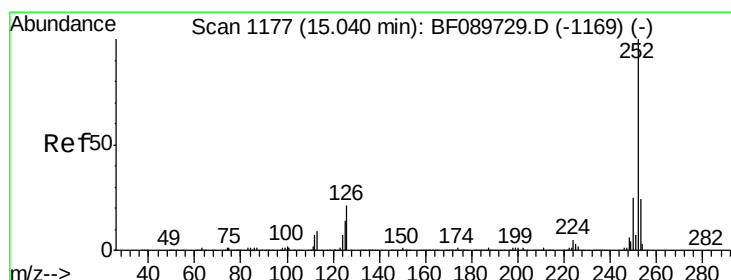
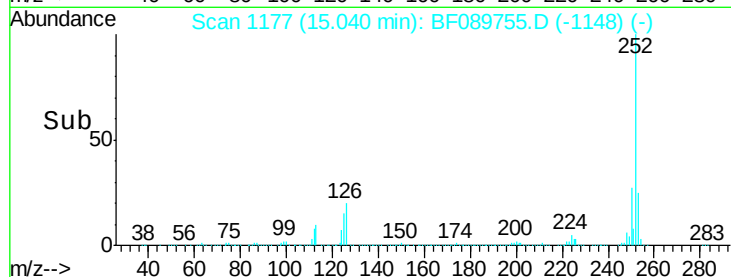
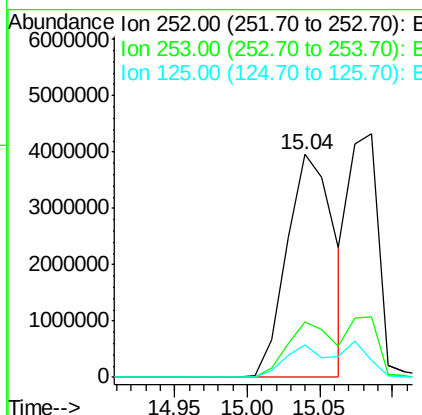
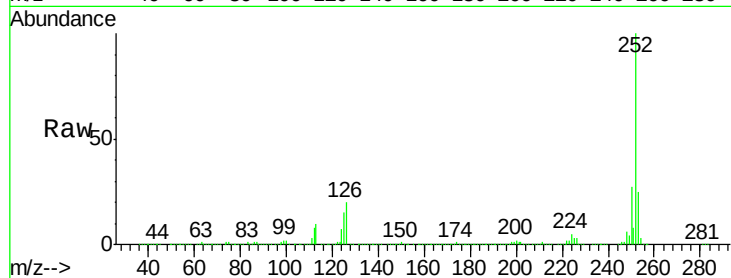
#87
Benzo(b)fluoranthene
Concen: 112.20 ng
RT: 15.04 min Scan# 1177
Delta R.T. 0.03 min
Lab File: BF089755.D
Acq: 17 Aug 2016 10:52

Instrument :
BNA_F
ClientSampleId :
9524

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.8	26.8
125	14.8	11.4	17.2

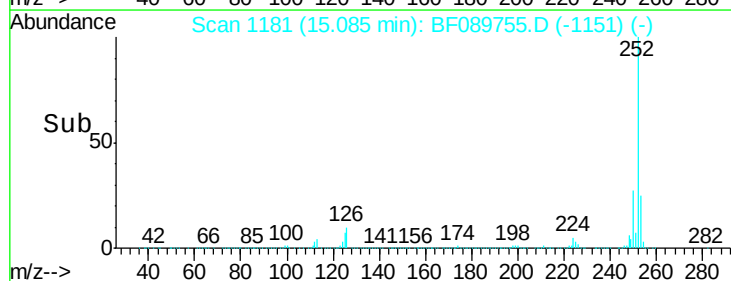
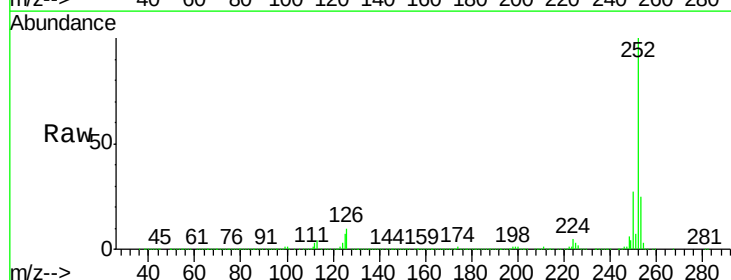
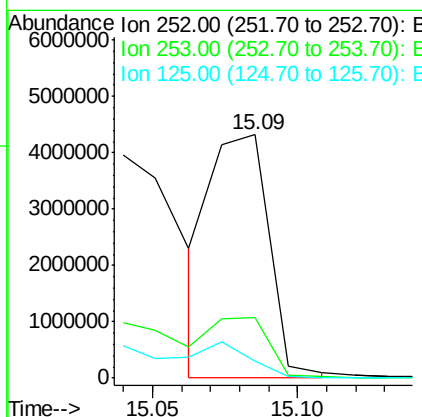
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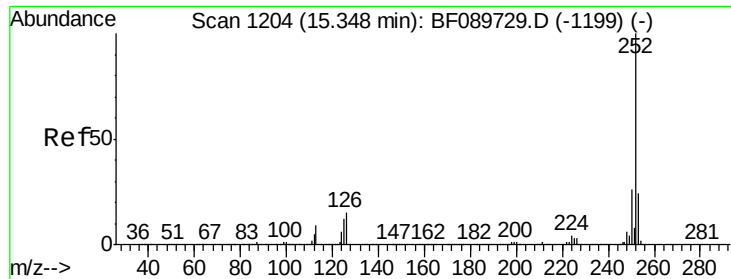
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#88
Benzo(k)fluoranthene
Concen: 91.95 ng m
RT: 15.09 min Scan# 1181
Delta R.T. 0.05 min
Lab File: BF089755.D
Acq: 17 Aug 2016 10:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.4	27.6
125	7.0	9.8	14.6





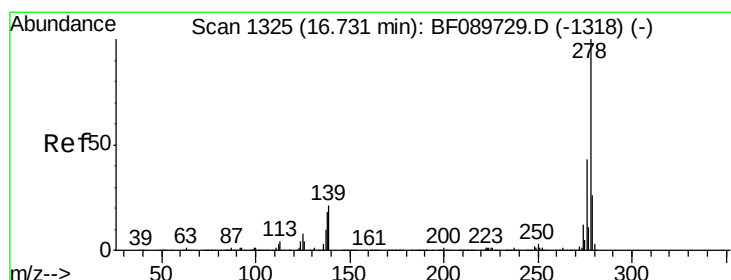
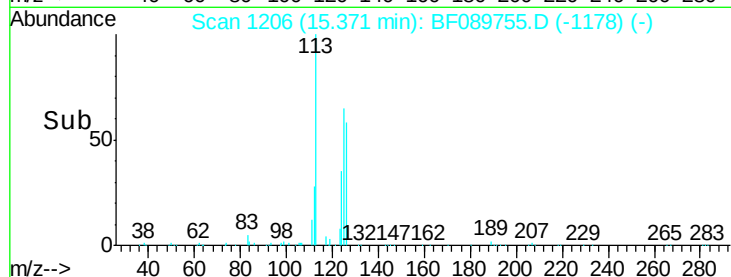
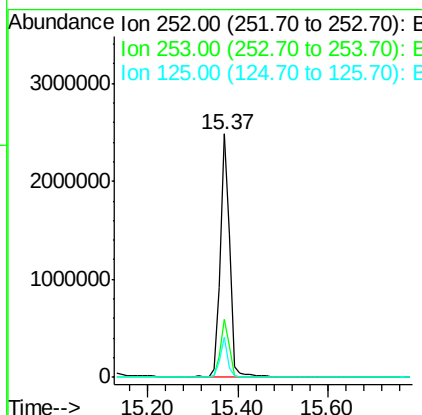
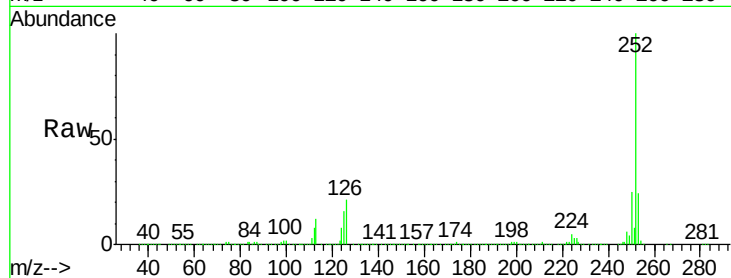
#89
Benzo(a)pyrene
Concen: 54.56 ng
RT: 15.37 min Scan# 1206
Delta R.T. 0.02 min
Lab File: BF089755.D
Acq: 17 Aug 2016 10:52

Instrument :
BNA_F
ClientSampleId :
9524

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	16.3	11.7	17.5

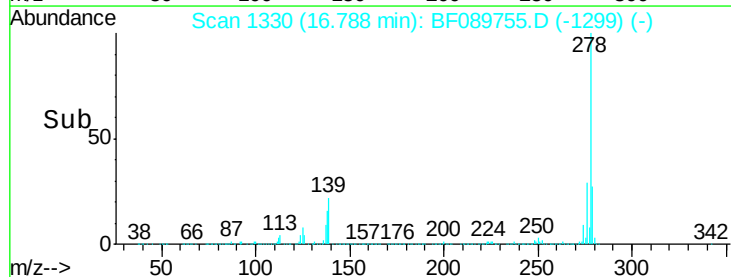
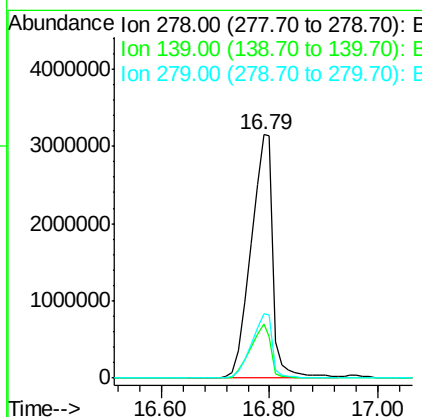
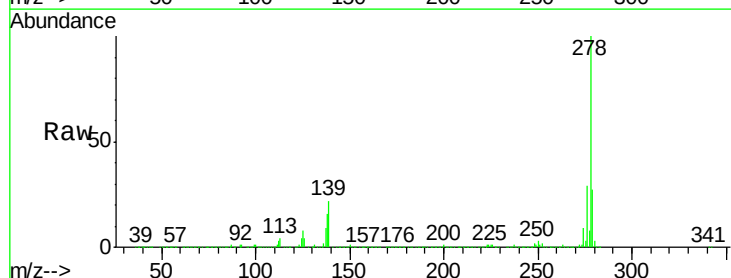
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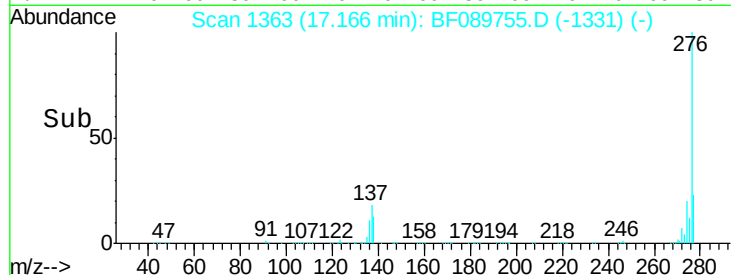
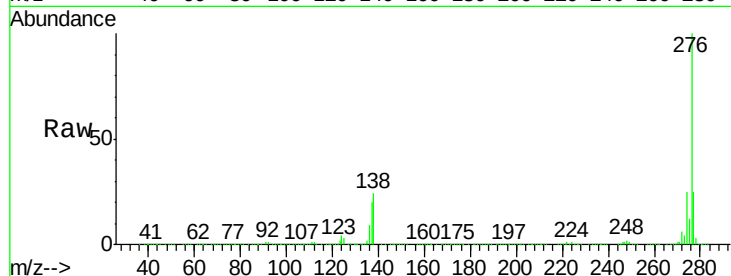
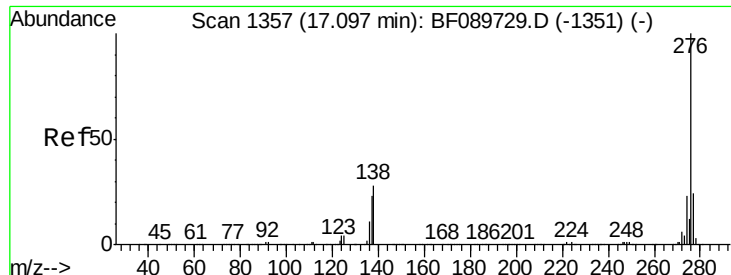
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#90
Dibenzo(a,h)anthracene
Concen: 172.51 ng
RT: 16.79 min Scan# 1330
Delta R.T. 0.06 min
Lab File: BF089755.D
Acq: 17 Aug 2016 10:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	14.9	22.3#
279	26.6	19.2	28.8





#91
 Benzo(a,h,i)perylene
 Concen: 122.03 ng
 RT: 17.17 min Scan# 1363
 Delta R.T. 0.07 min
 Lab File: BF089755.D
 Acq: 17 Aug 2016 10:52

Instrument :
 BNA_F
 ClientSampleId :
 9524

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.2	28.8
138	23.8	22.1	33.1

Manual Integrations
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