

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
 Data File : BF096754.D
 Acq On : 14 Jul 2017 3:41
 Operator : SJ/JU
 Sample : I4172-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-SSW

Manual Integrations
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Quant Time: Jul 14 06:24:25 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	114851	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	422492	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	140714	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	246897	20.00	ng	0.00
75) Chrysene-d12	13.77	240	196505	20.00	ng	0.00
86) Perylene-d12	15.16	264	135516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	766770	100.38	ng	0.02
7) Phenol-d6	6.29	99	895516	97.70	ng	0.00
23) Nitrobenzene-d5	7.20	82	486503	71.33	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	127724	106.34	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	670406	75.27	ng	0.00
78) Terphenyl-d14	12.73	244	447450	39.49	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.39	163	88342	8.338	ng	97
70) Phenanthrene	11.17	178	57555	4.287	ng	98
74) Fluoranthene	12.35	202	68798	5.354	ng	97
77) Pyrene	12.58	202	63176	3.542	ng	98
80) Benzo(a)anthracene	13.76	228	31339	2.560	ng	96
82) Chrysene	13.80	228	27340	2.268	ng	96
87) Benzo(b)fluoranthene	14.77	252	24989m	3.057	ng	
89) Benzo(a)pyrene	15.10	252	18274	2.438	ng	# 93

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

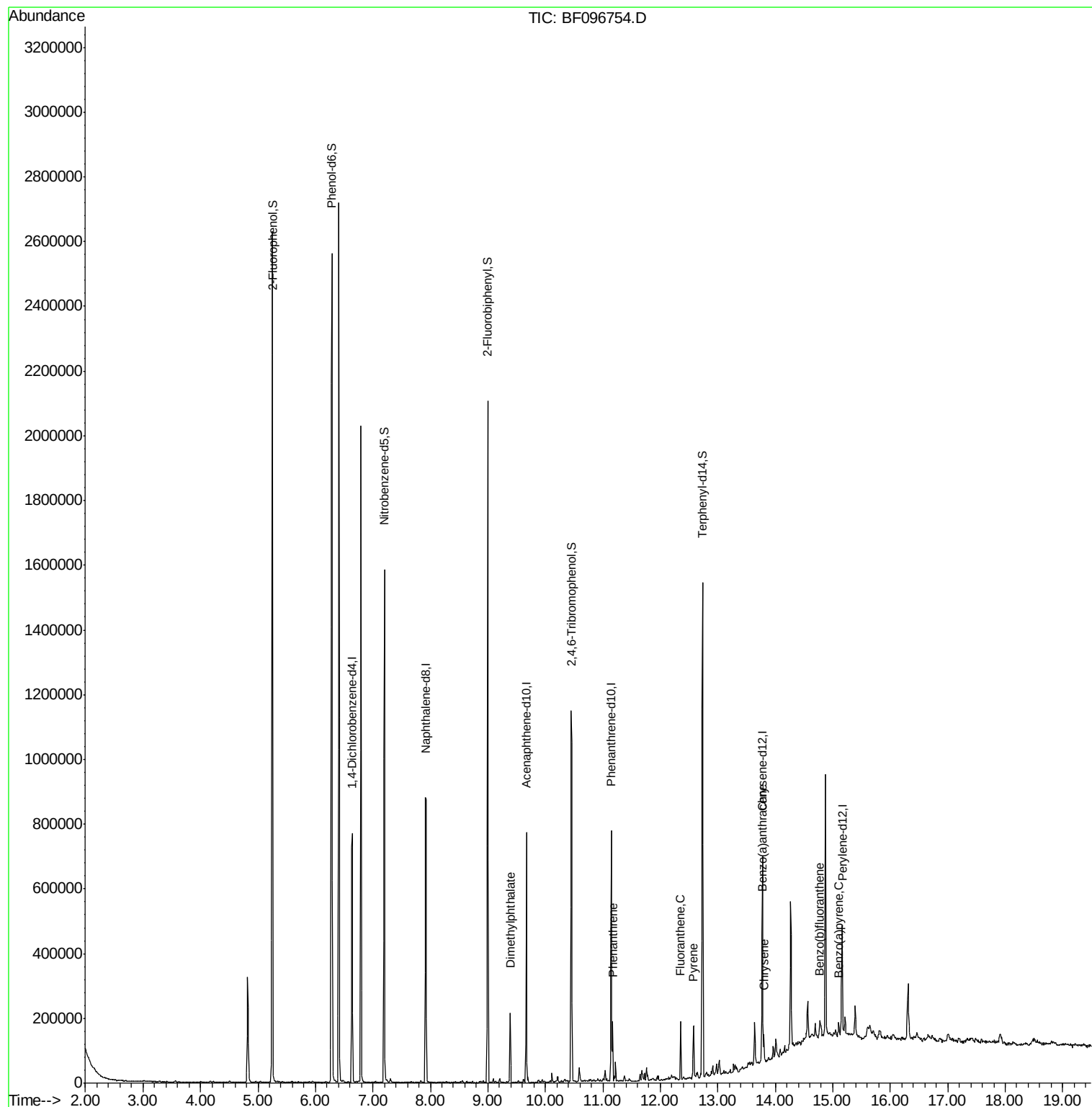
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096754.D
Acq On : 14 Jul 2017 3:41
Operator : SJ/JU
Sample : I4172-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

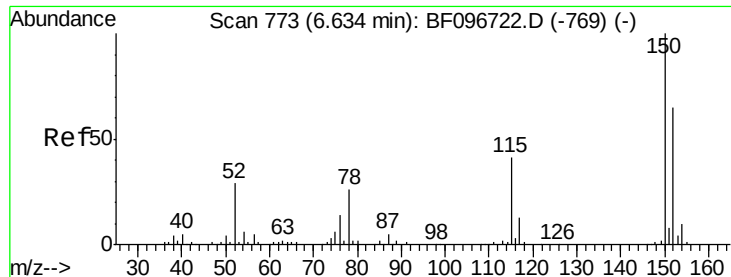
Instrument :
BNA_F
ClientSampleId :
E2-P6-SSW

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Quant Time: Jul 14 06:24:25 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

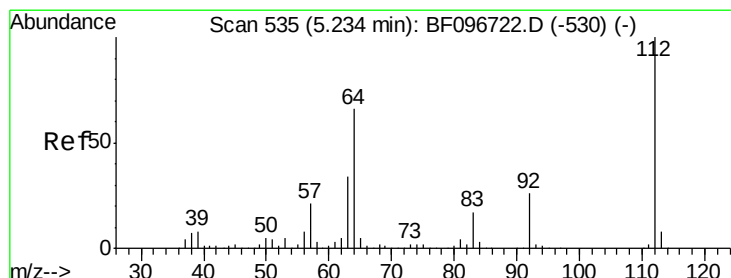
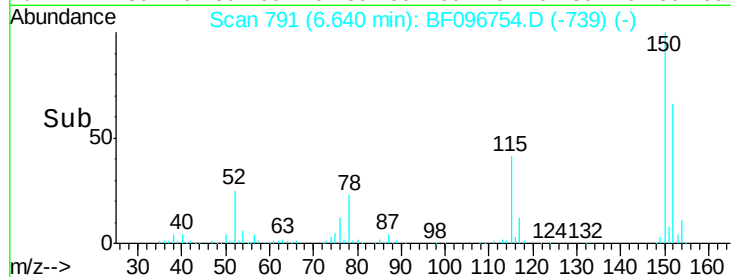
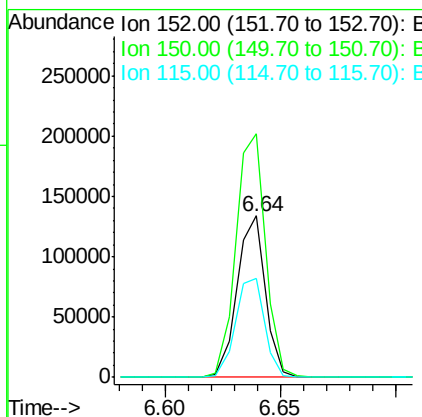
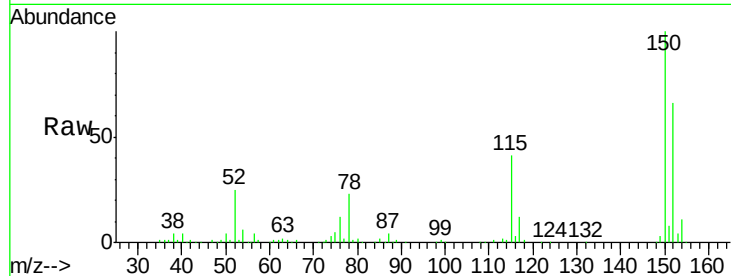
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.64 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF096754.D
Acq: 14 Jul 2017 3:41

Instrument :
BNA_F
ClientSampled :
E2-P6-SSW

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	114851		
150	150.7	126.2	189.2	
115	61.1	52.2	78.2	

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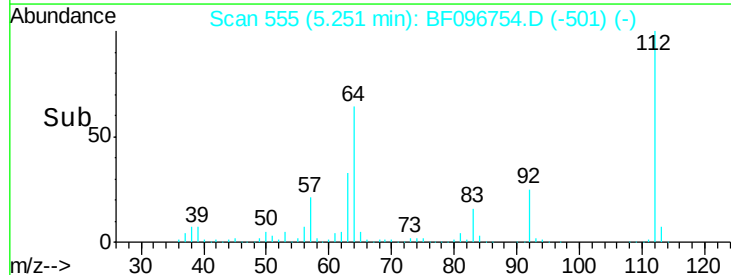
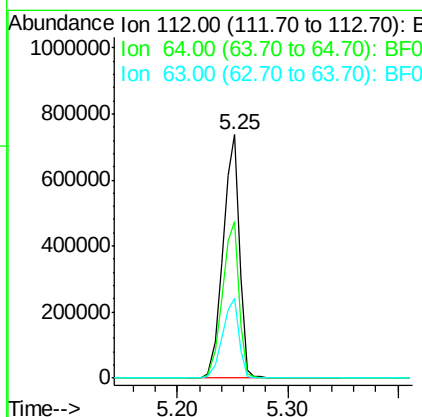
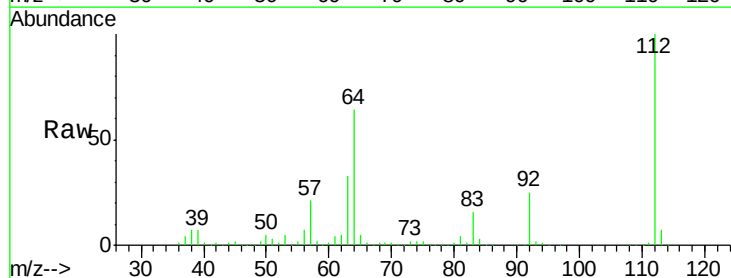
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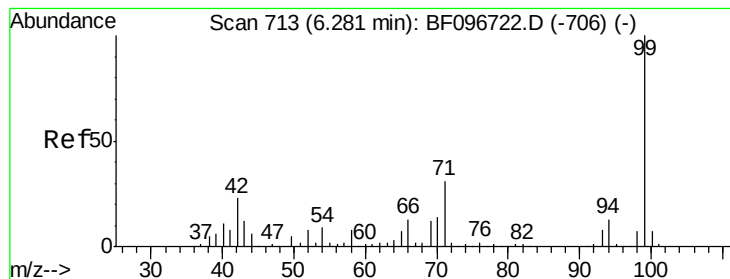


#5

2-Fluorophenol
Concen: 100.382 ng
RT: 5.25 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF096754.D
Acq: 14 Jul 2017 3:41

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	766770		
64	64.1	46.0	69.0	
63	32.8	23.4	35.0	





#7

Phenol-d6

Concen: 97.695 ng

RT: 6.29 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF096754.D

Acq: 14 Jul 2017 3:41

Instrument :

BNA_F

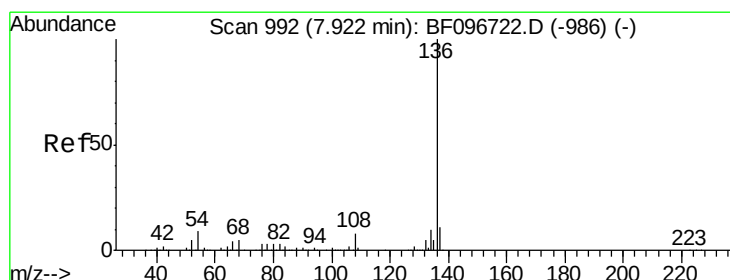
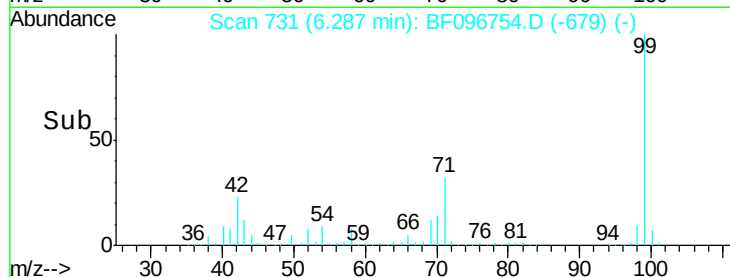
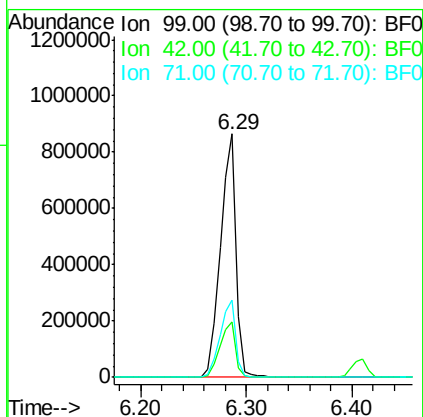
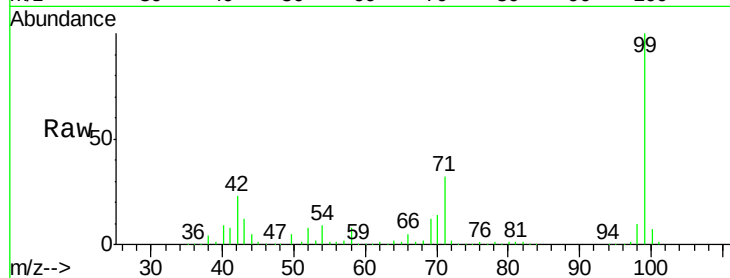
ClientSampleId :

E2-P6-SSW

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	895516		
42	22.6	13.5	20.3#	
71	31.6	24.5	36.7	

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#21

Naphthalene-d8

Concen: 20.000 ng

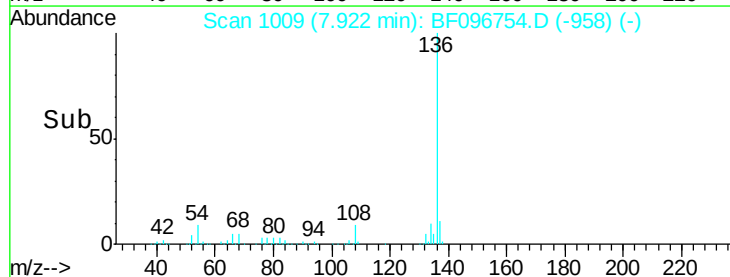
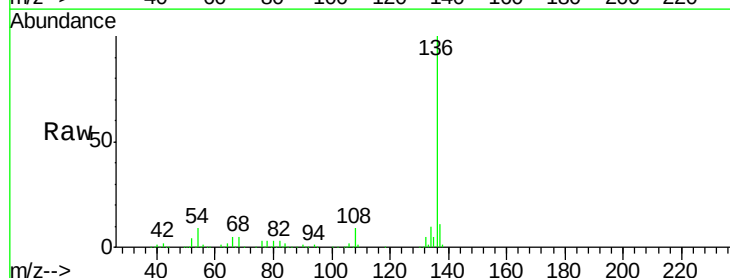
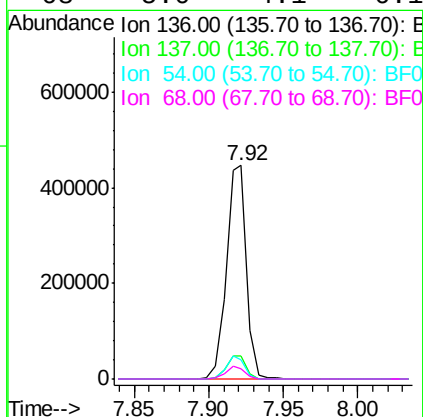
RT: 7.92 min Scan# 1009

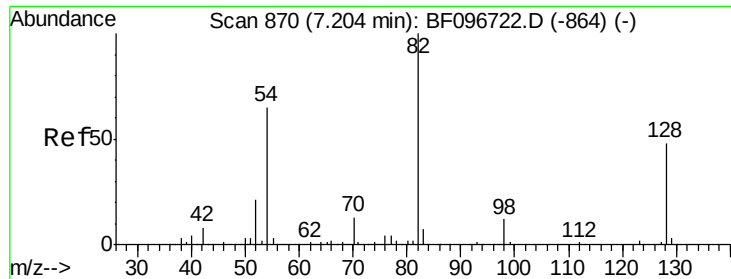
Delta R.T. 0.00 min

Lab File: BF096754.D

Acq: 14 Jul 2017 3:41

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	422492		
137	10.6	8.5	12.7	
54	9.1	4.9	7.3#	
68	5.0	4.1	6.1	





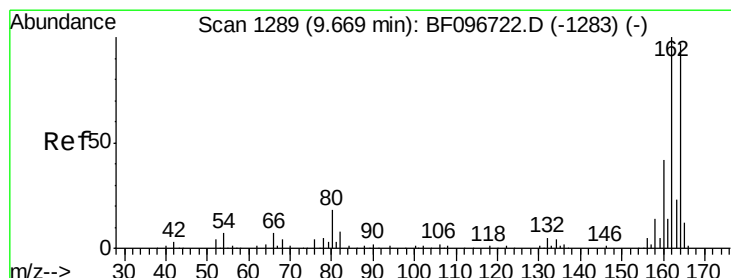
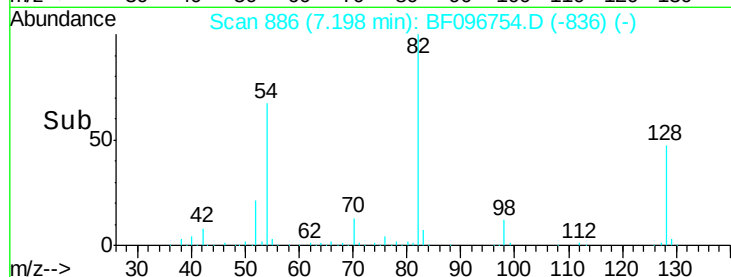
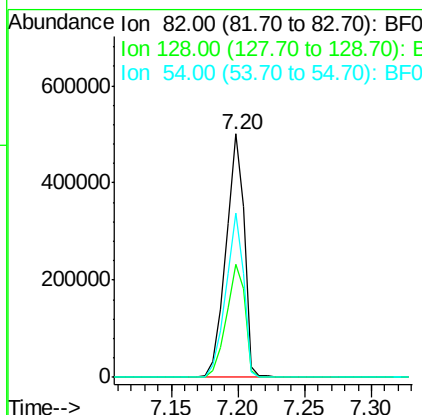
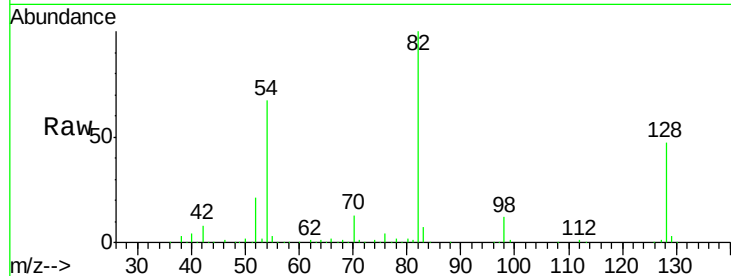
#23
 Nitrobenzene-d5
 Concen: 71.325 ng
 RT: 7.20 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF096754.D
 Acq: 14 Jul 2017 3:41

Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-SSW

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	67.4	42.2	63.2

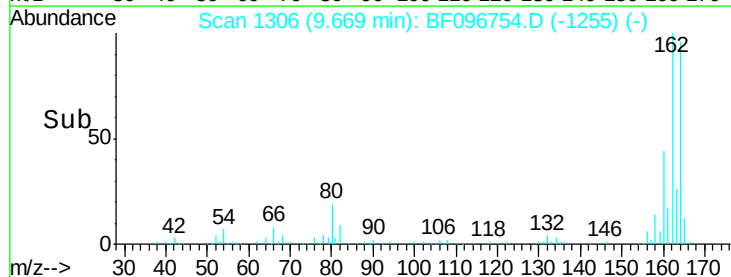
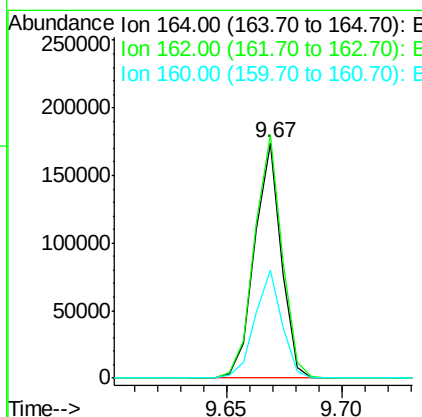
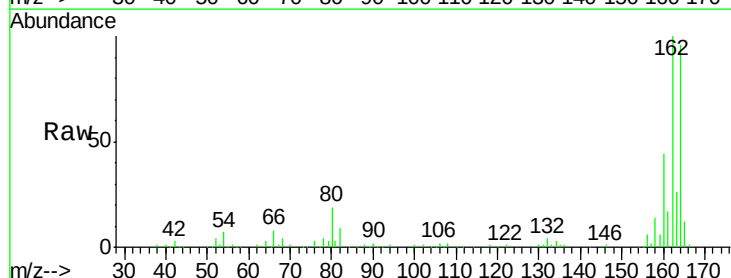
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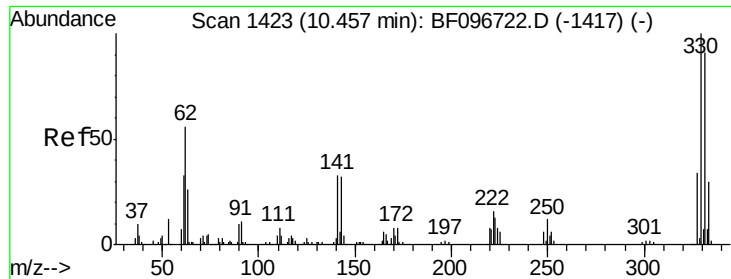
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF096754.D
 Acq: 14 Jul 2017 3:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	45.9	36.2	54.2





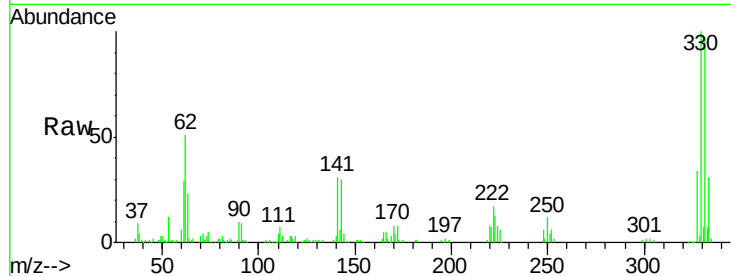
#41
 2,4,6-Tribromophenol
 Concen: 106.338 ng
 RT: 10.46 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF096754.D
 Acq: 14 Jul 2017 3:41

Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-SSW

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	127724		
332	96.5	76.6	115.0	
141	39.1	31.4	47.2	

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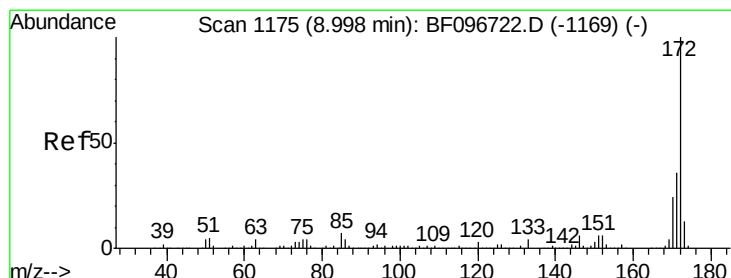
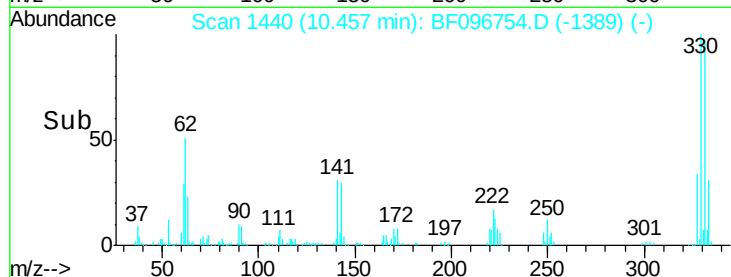
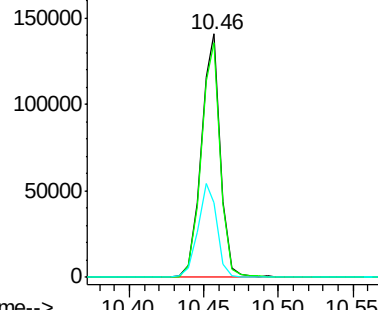


Abundance

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



#44
 2-Fluorobiphenyl
 Concen: 75.272 ng
 RT: 9.00 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF096754.D
 Acq: 14 Jul 2017 3:41

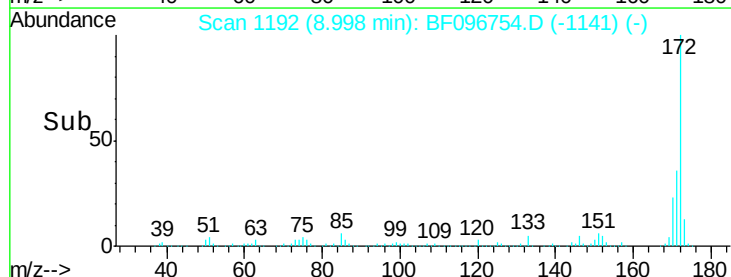
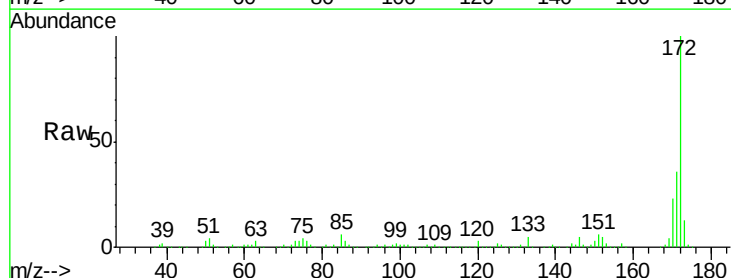
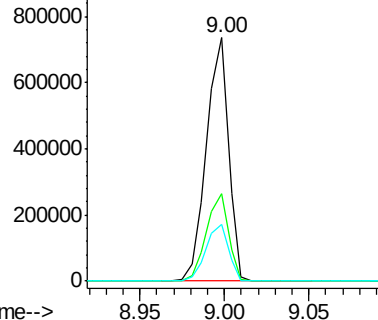
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	670406		
171	35.7	29.6	44.4	
170	23.1	19.8	29.8	

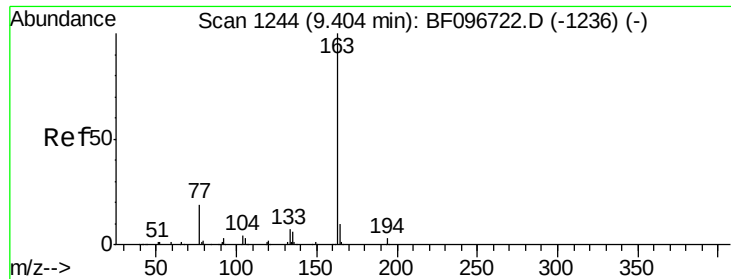
Abundance

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





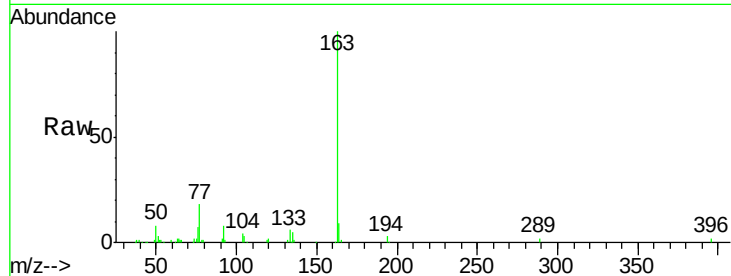
#49
Dimethylphthalate
Concen: 8.338 ng
RT: 9.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF096754.D
Acq: 14 Jul 2017 3:41

Instrument :
BNA_F
ClientSampleId :
E2-P6-SSW

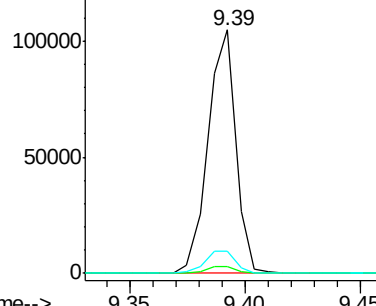
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.7	2.6	4.0
164	9.4	8.4	12.6

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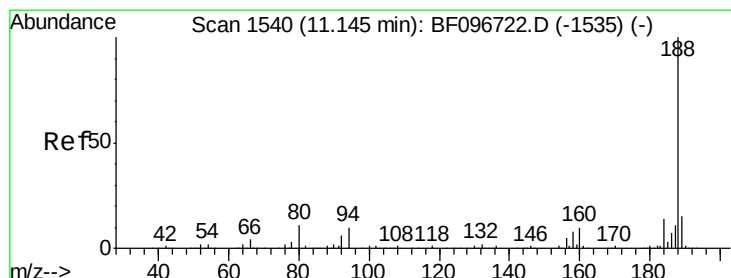
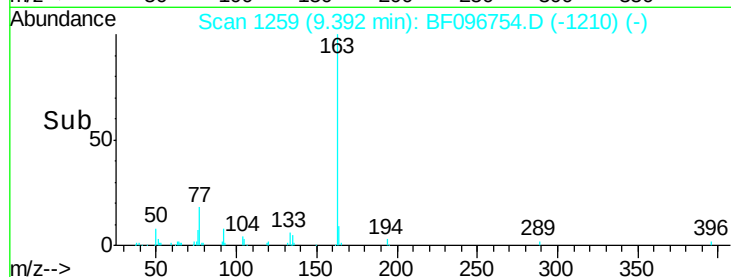
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

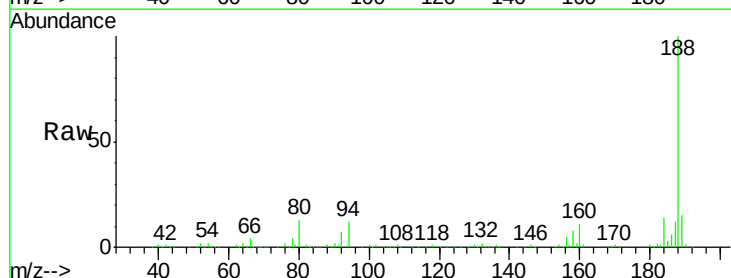


Time-->

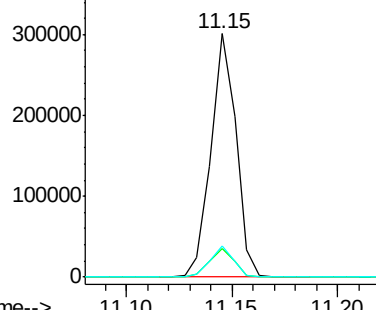


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF096754.D
Acq: 14 Jul 2017 3:41

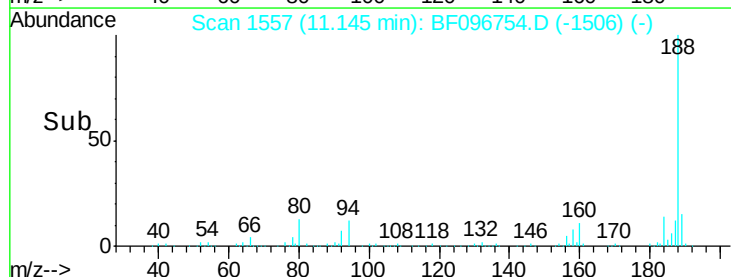
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.0	9.4	14.2
80	13.0	10.2	15.2

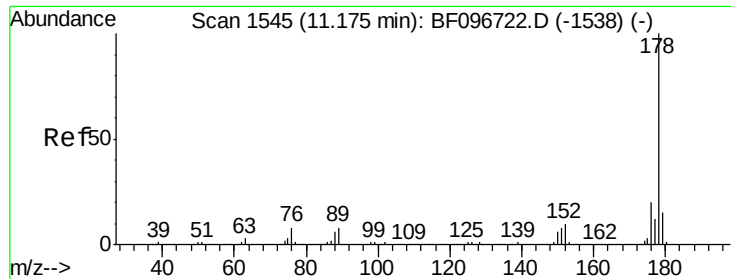


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



Time-->





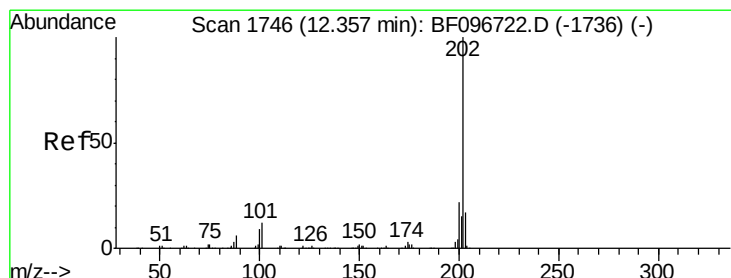
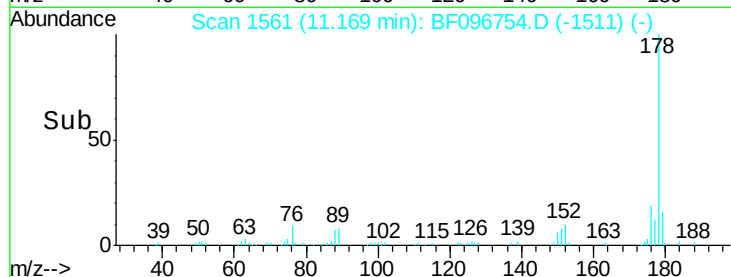
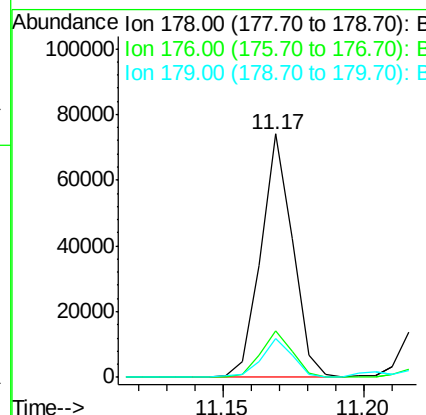
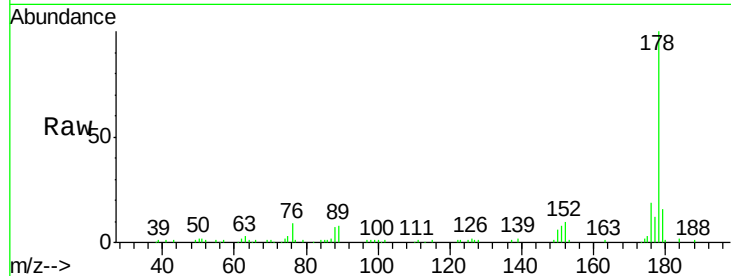
#70
Phenanthrene
Concen: 4.287 ng
RT: 11.17 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF096754.D
Acq: 14 Jul 2017 3:41

Instrument :
BNA_F
ClientSampleId :
E2-P6-SSW

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	16.0	12.6	19.0

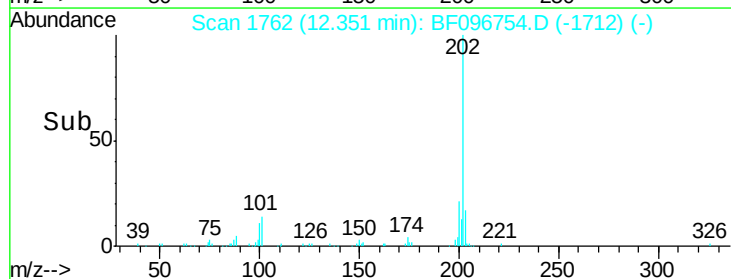
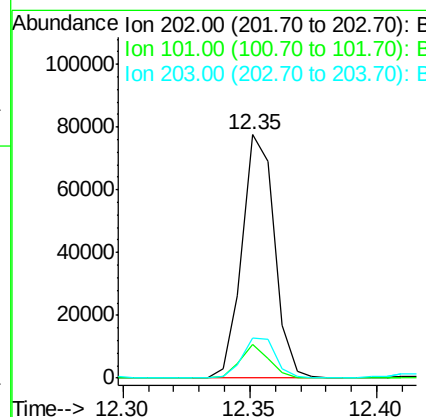
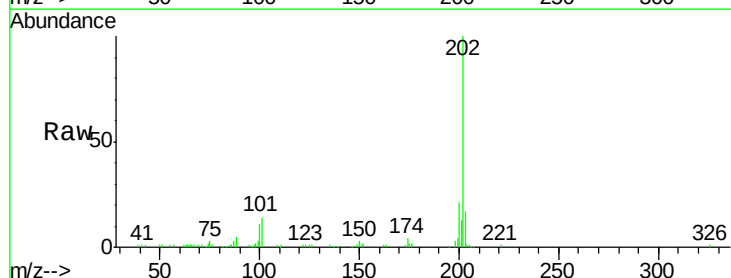
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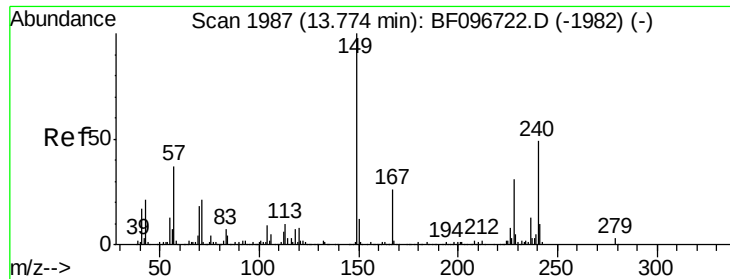
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#74
Fluoranthene
Concen: 5.354 ng
RT: 12.35 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF096754.D
Acq: 14 Jul 2017 3:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.2
203	16.6	0.0	38.1





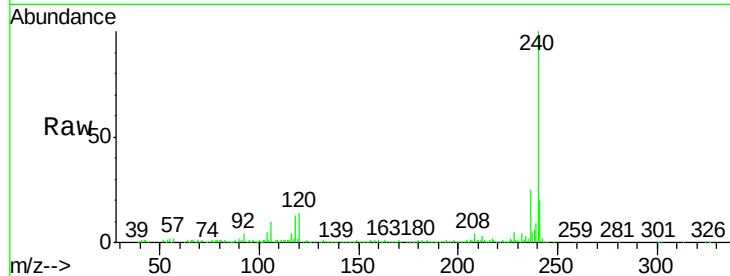
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF096754.D
Acq: 14 Jul 2017 3:41

Instrument :
BNA_F
ClientSampleId :
E2-P6-SSW

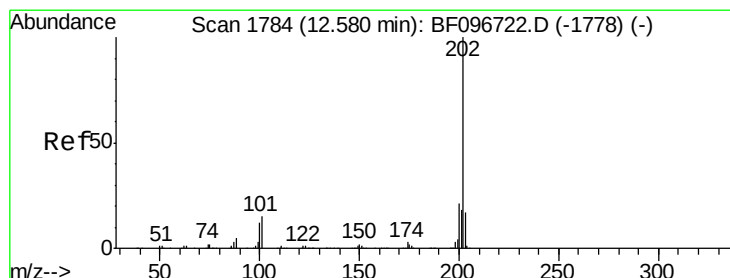
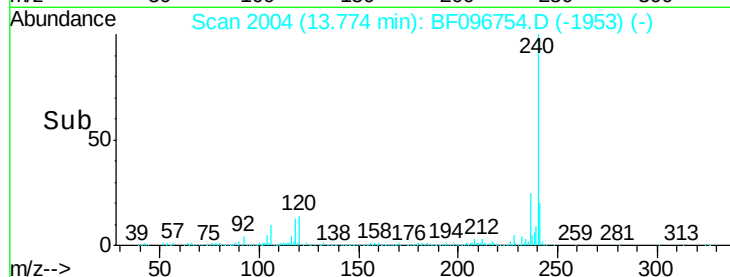
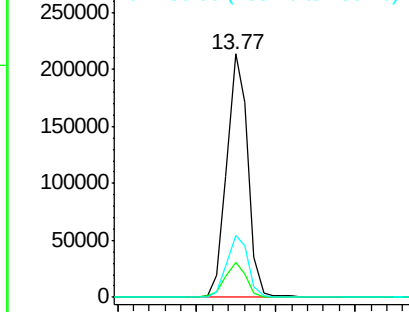
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	196505		
120	14.1	5.8	8.8#	
236	25.3	20.5	30.7	

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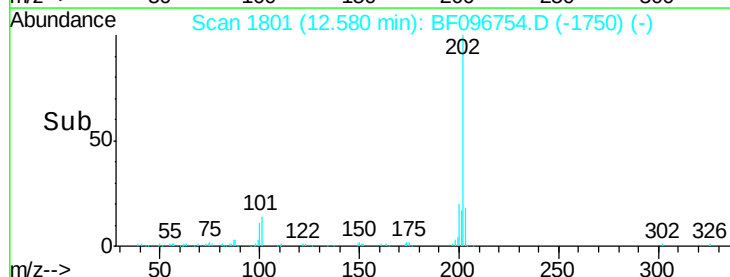
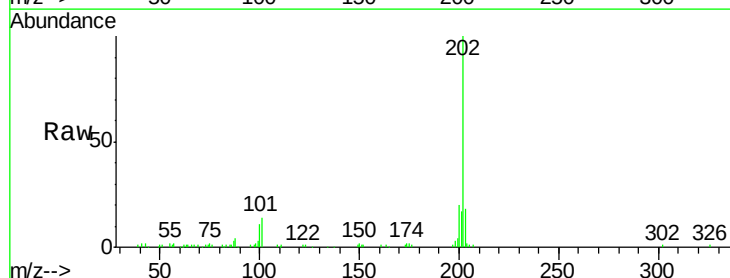
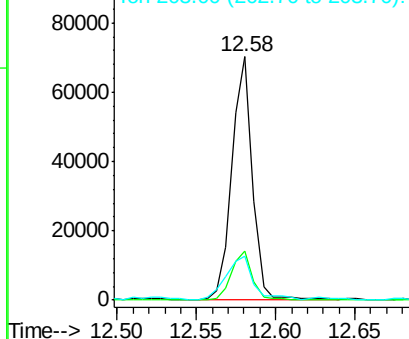
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

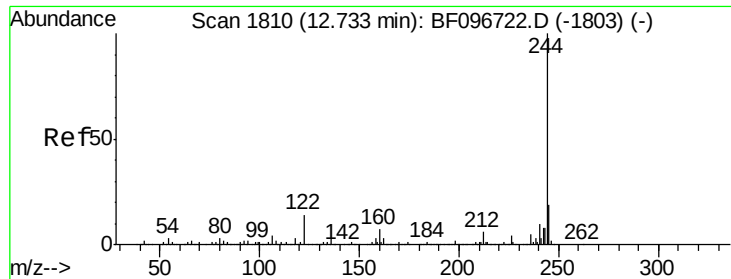


#77
Pyrene
Concen: 3.542 ng
RT: 12.58 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF096754.D
Acq: 14 Jul 2017 3:41

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	63176		
200	20.0	17.6	26.4	
203	18.0	14.4	21.6	

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: 39.490 ng

RT: 12.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF096754.D

Acq: 14 Jul 2017 3:41

Instrument :

BNA_F

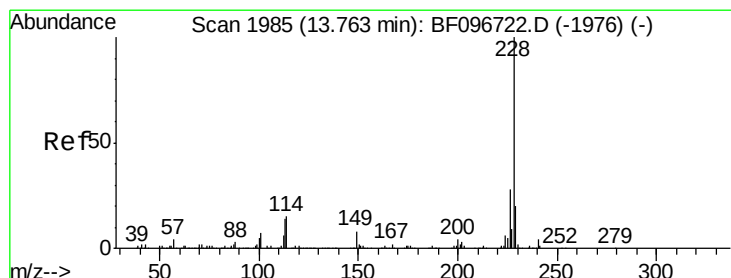
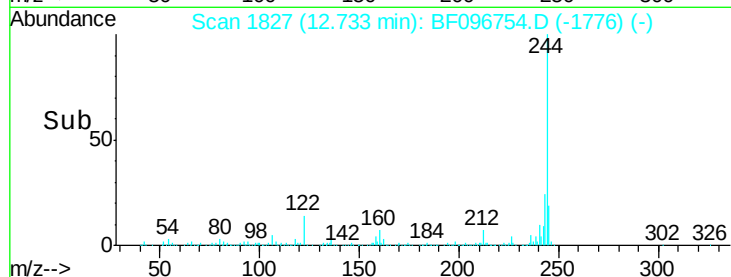
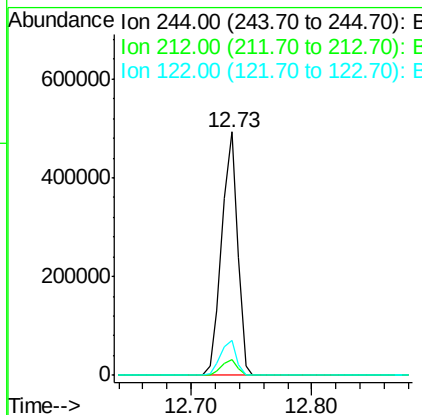
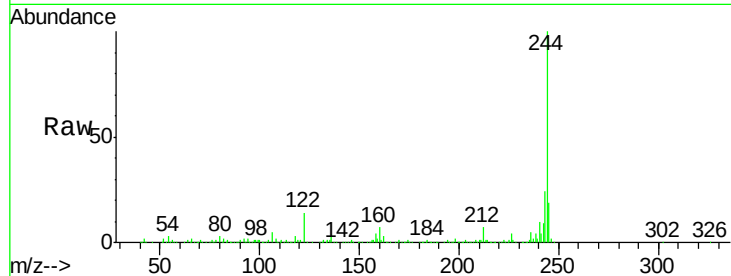
ClientSampleId :

E2-P6-SSW

Tgt Ion:	244	Resp:	447450
Ion Ratio	Lower	Upper	
244	100		
212	6.7	6.0	9.0
122	14.3	10.3	15.5

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#80

Benzo(a)anthracene

Concen: 2.560 ng

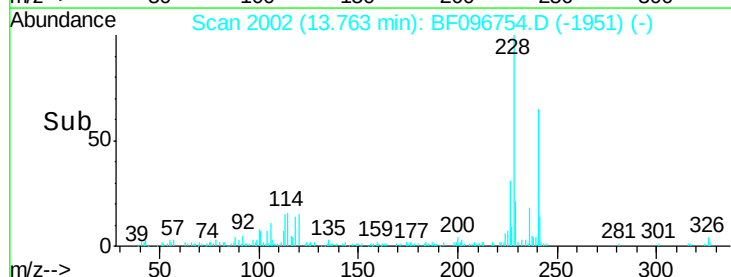
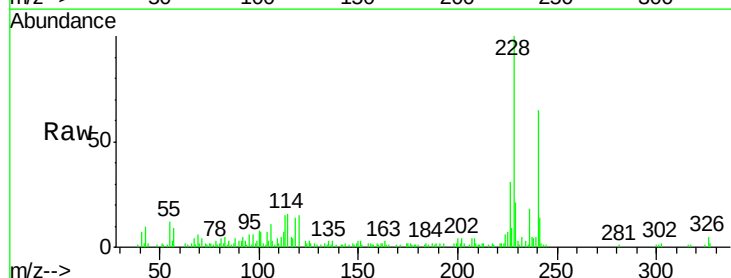
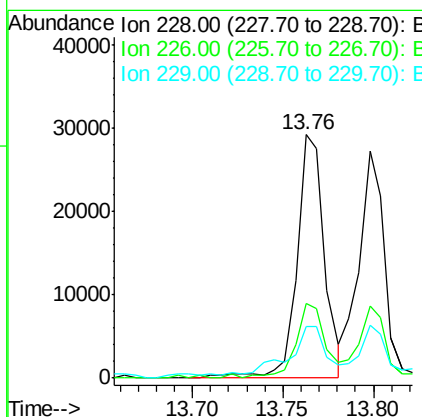
RT: 13.76 min Scan# 2002

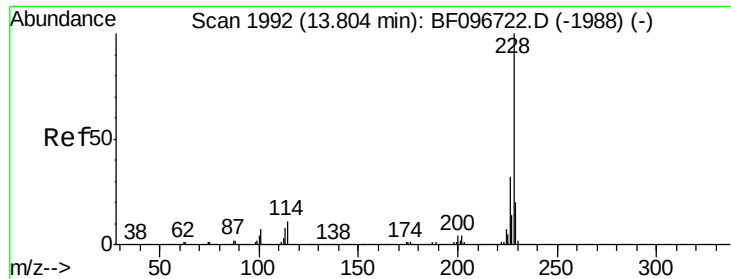
Delta R.T. 0.00 min

Lab File: BF096754.D

Acq: 14 Jul 2017 3:41

Tgt Ion:	228	Resp:	31339
Ion Ratio	Lower	Upper	
228	100		
226	30.9	22.6	33.8
229	21.3	16.3	24.5





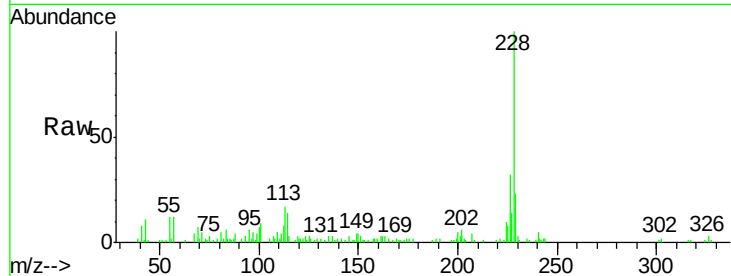
#82
Chrysene
Concen: 2.268 ng
RT: 13.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF096754.D
Acq: 14 Jul 2017 3:41

Instrument :
BNA_F
ClientSampleId :
E2-P6-SSW

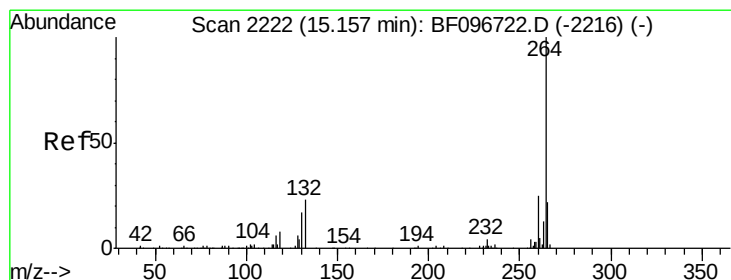
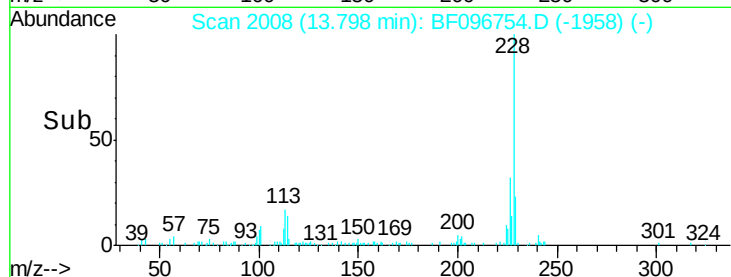
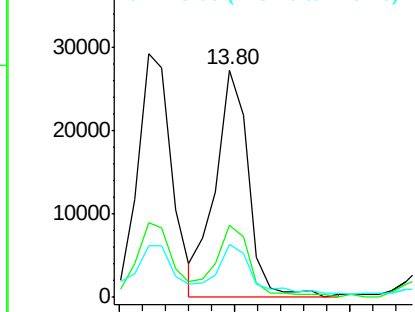
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	23.3	15.8	23.6

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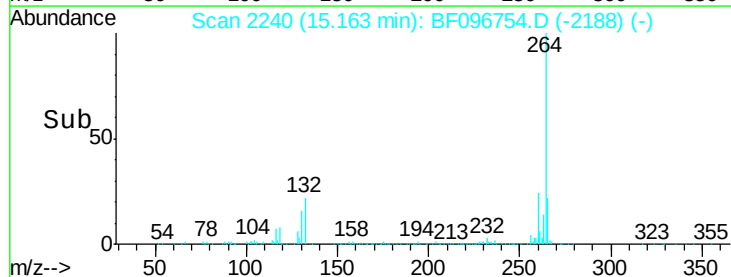
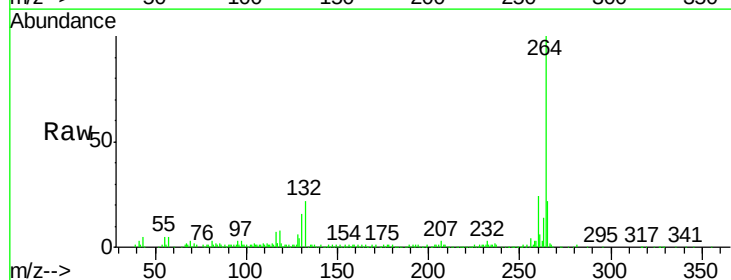
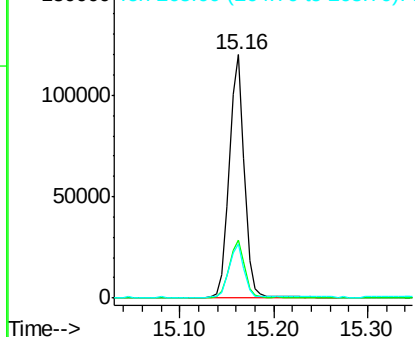
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

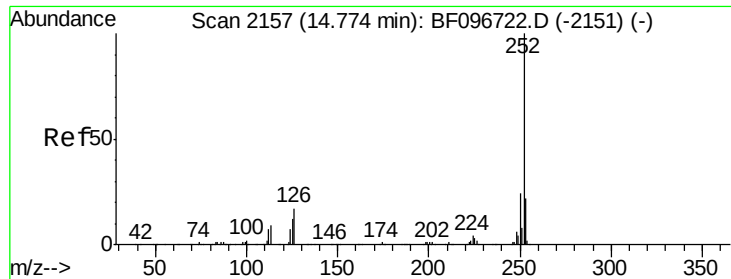


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF096754.D
Acq: 14 Jul 2017 3:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.2	17.2	25.8

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





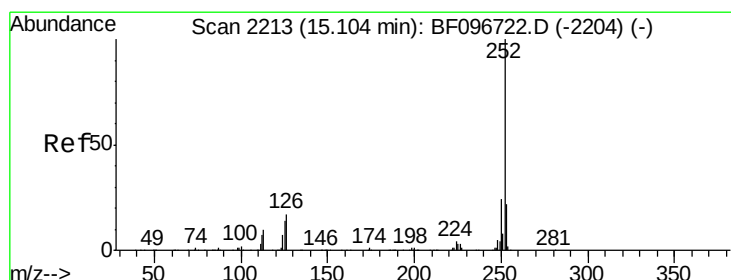
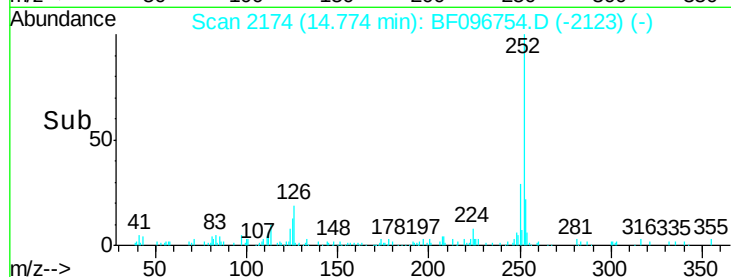
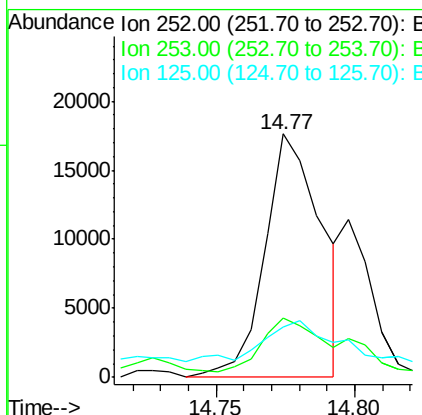
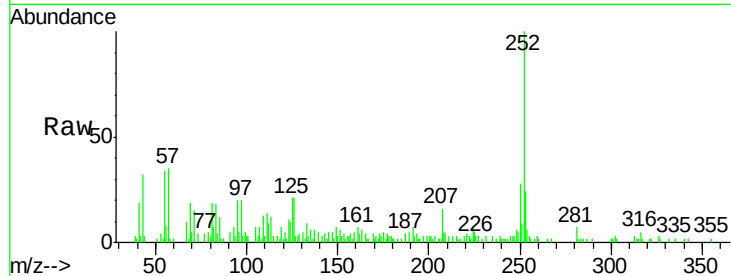
#87
Benzo(b)fluoranthene
Concen: 3.057 ng m
RT: 14.77 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF096754.D
Acq: 14 Jul 2017 3:41

Instrument :
BNA_F
ClientSampleId :
E2-P6-SSW

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.1	27.1
125	20.9	9.8	14.8

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 2.438 ng
RT: 15.10 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF096754.D
Acq: 14 Jul 2017 3:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	21.0	11.0	16.4

