

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
 Data File : BF096755.D
 Acq On : 14 Jul 2017 4:09
 Operator : SJ/JU
 Sample : I4172-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-P5-BASE

Manual Integrations
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mohammad
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Quant Time: Jul 14 06:27:38 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	120668	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	439780	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	159756	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	254417	20.00	ng	0.00
75) Chrysene-d12	13.78	240	216391	20.00	ng	0.00
86) Perylene-d12	15.16	264	155581	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	726556	90.53	ng	0.02
7) Phenol-d6	6.28	99	865960	89.92	ng	0.00
23) Nitrobenzene-d5	7.20	82	467419	65.83	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	118377	86.81	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	652351	64.51	ng	0.00
78) Terphenyl-d14	12.73	244	464128	37.20	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.39	163	112700	9.369	ng	99
70) Phenanthrene	11.17	178	109645	7.926	ng	99
71) Anthracene	11.22	178	29309	2.095	ng	98
74) Fluoranthene	12.36	202	243694	18.404	ng	98
77) Pyrene	12.58	202	309448	15.757	ng	99
80) Benzo(a)anthracene	13.77	228	134850	10.002	ng	96
82) Chrysene	13.80	228	138778	10.455	ng	98
85) Indeno(1,2,3-cd)pyrene	16.47	276	40533	6.495	ng	96
87) Benzo(b)fluoranthene	14.78	252	111467m	11.879	ng	
88) Benzo(k)fluoranthene	14.80	252	38145m	4.293	ng	
89) Benzo(a)pyrene	15.10	252	80988	9.410	ng	98
91) Benzo(g,h,i)perylene	16.86	276	40052	4.723	ng	98

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

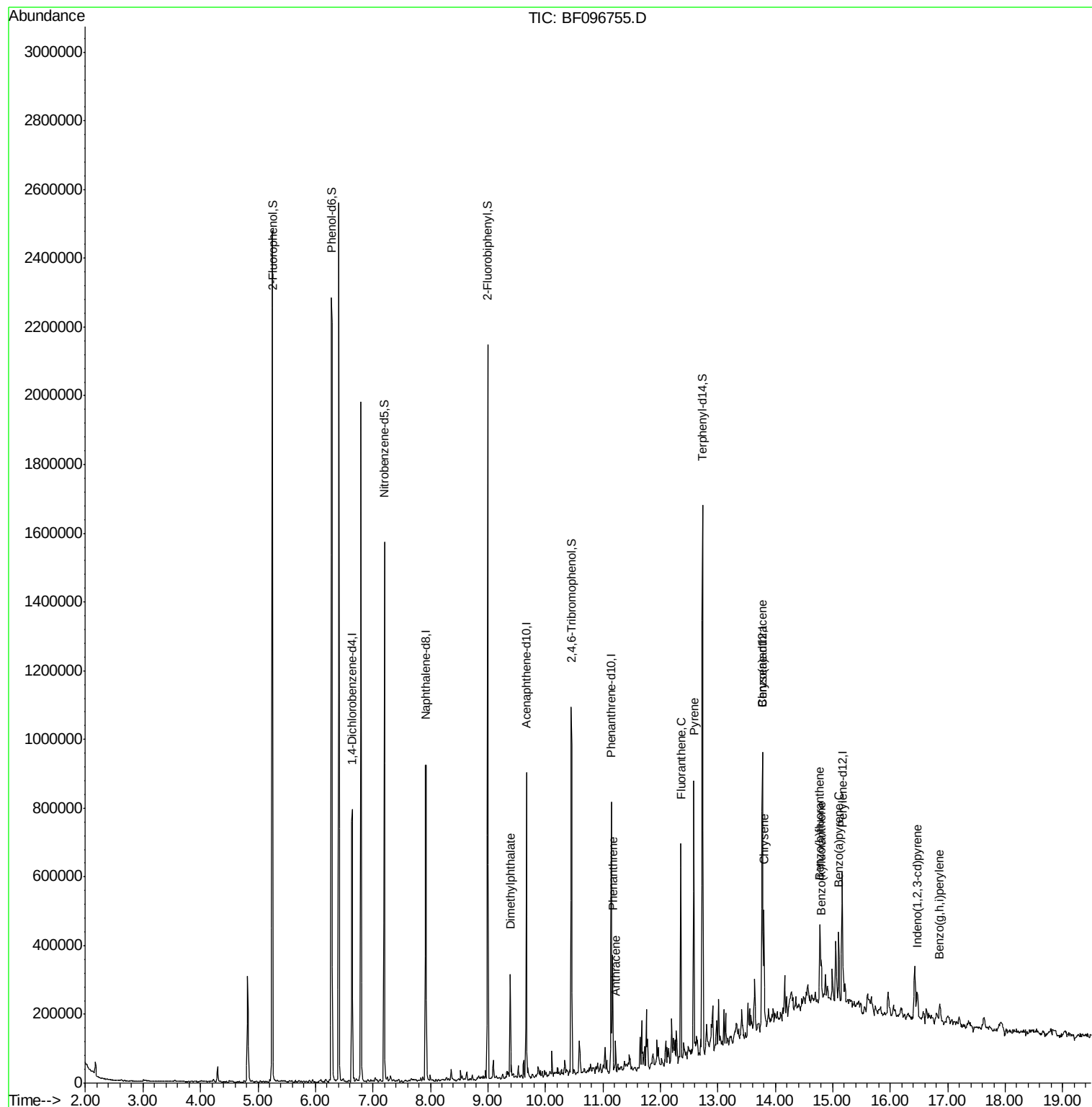
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096755.D
Acq On : 14 Jul 2017 4:09
Operator : SJ/JU
Sample : I4172-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

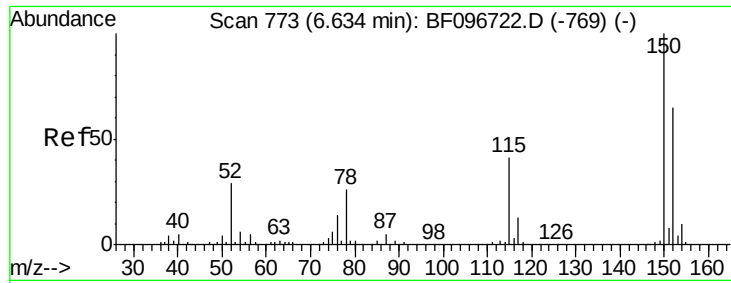
Instrument :
BNA_F
ClientSampleId :
E2-P5-BASE

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Quant Time: Jul 14 06:27:38 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

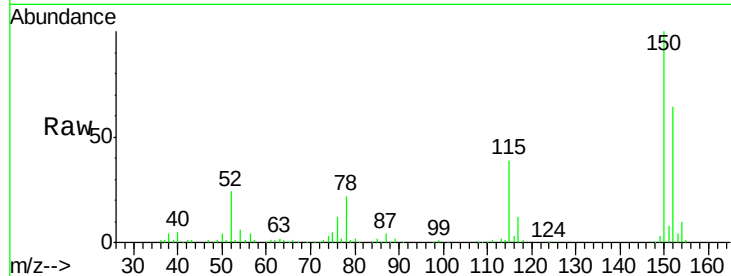
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.64 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF096755.D
Acq: 14 Jul 2017 4:09

Instrument :
BNA_F
ClientSampleId :
E2-P5-BASE

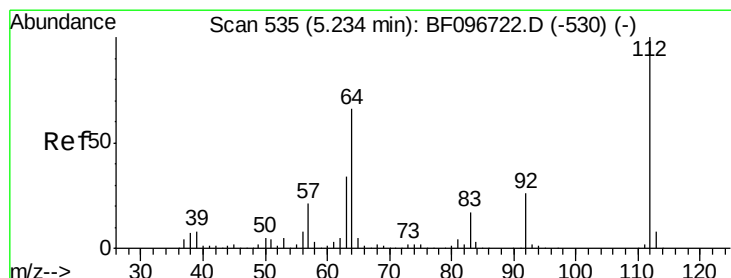
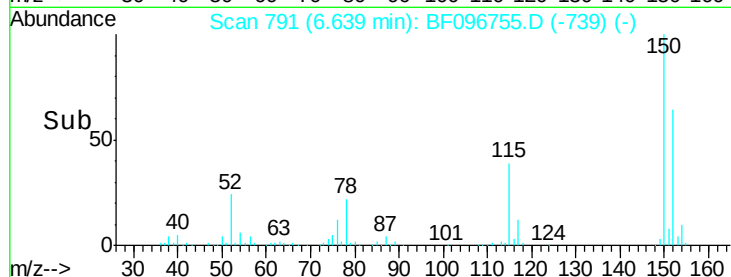
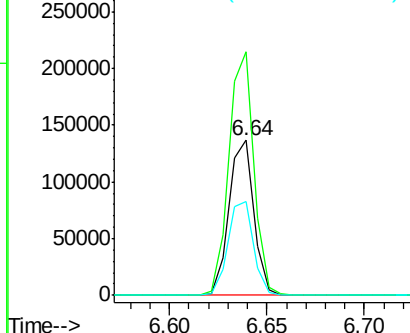
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	120668		
150	157.2	126.2	189.2	
115	60.7	52.2	78.2	

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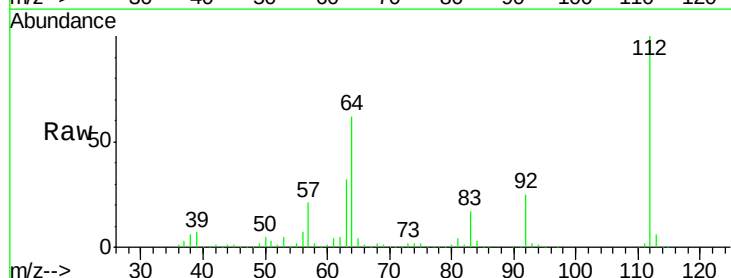
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



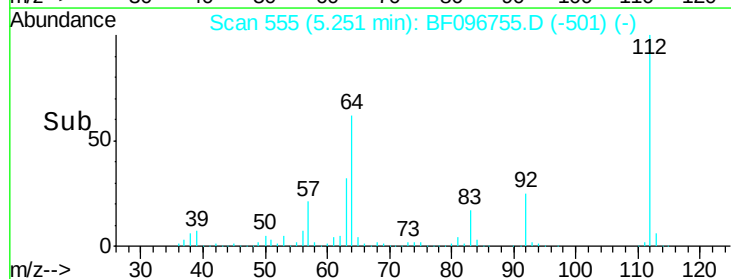
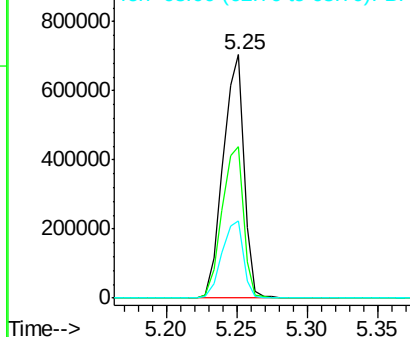
#5

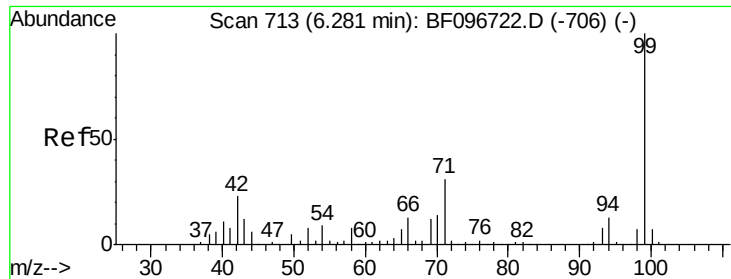
2-Fluorophenol
Concen: 90.533 ng
RT: 5.25 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF096755.D
Acq: 14 Jul 2017 4:09

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	726556		
64	62.3	46.0	69.0	
63	31.8	23.4	35.0	



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: 89.917 ng

RT: 6.28 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF096755.D

Acq: 14 Jul 2017 4:09

Instrument :

BNA_F

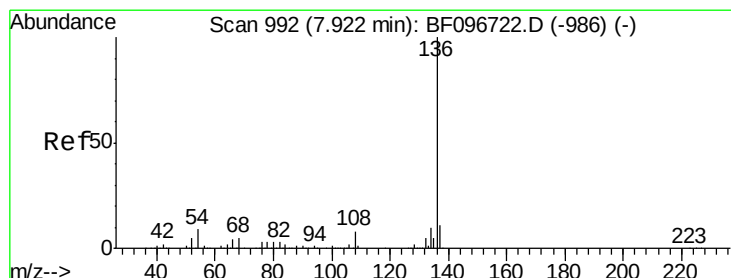
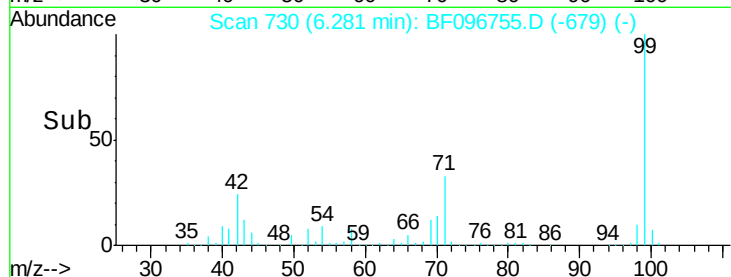
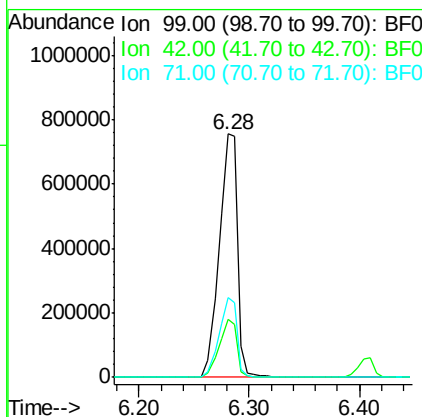
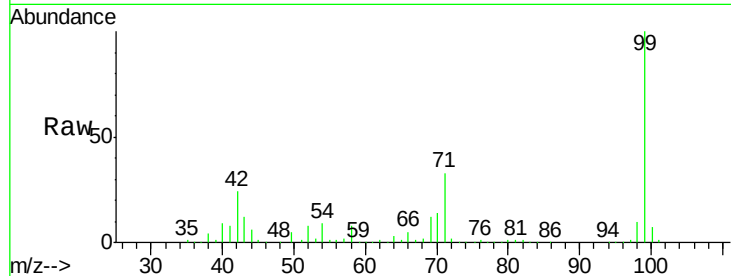
ClientSampleId :

E2-P5-BASE

Tgt Ion:	99	Resp:	865960
Ion Ratio	Lower	Upper	
99	100		
42	23.7	13.5	20.3#
71	33.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

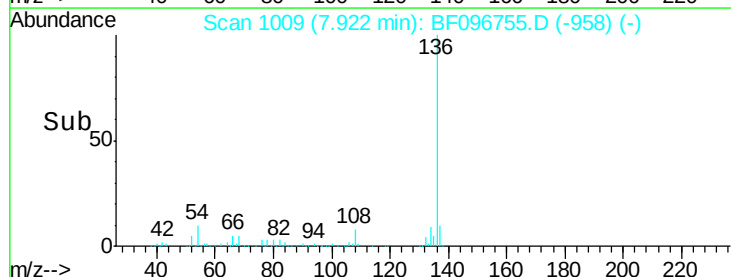
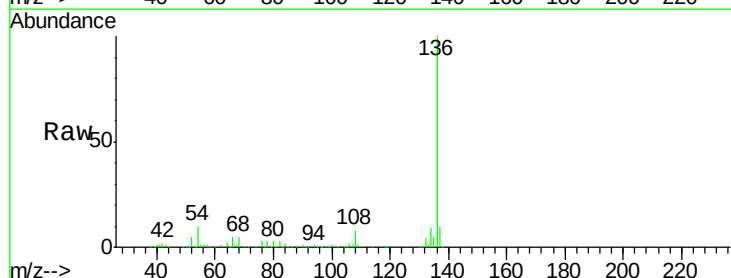
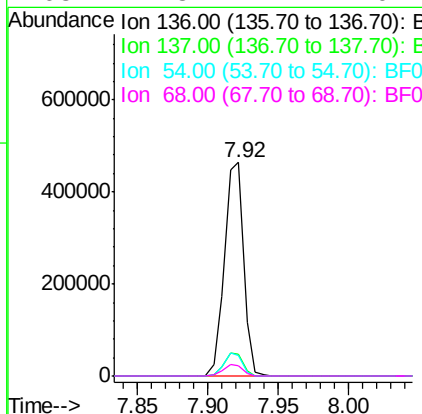
RT: 7.92 min Scan# 1009

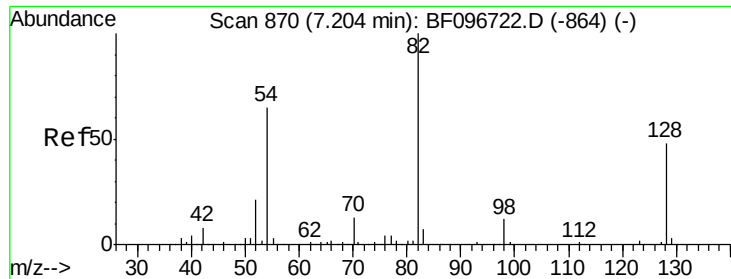
Delta R.T. -0.00 min

Lab File: BF096755.D

Acq: 14 Jul 2017 4:09

Tgt Ion:	136	Resp:	439780
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.5	12.7
54	9.7	4.9	7.3#
68	4.8	4.1	6.1





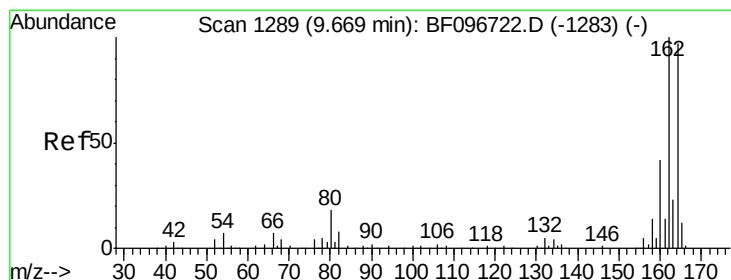
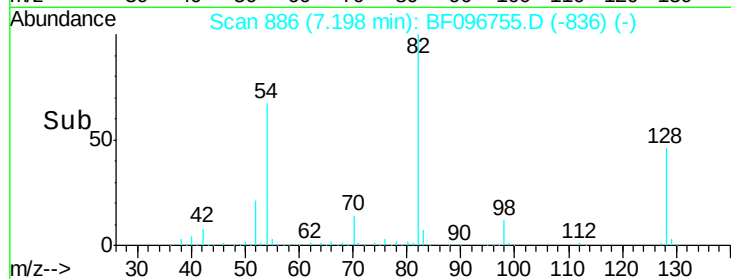
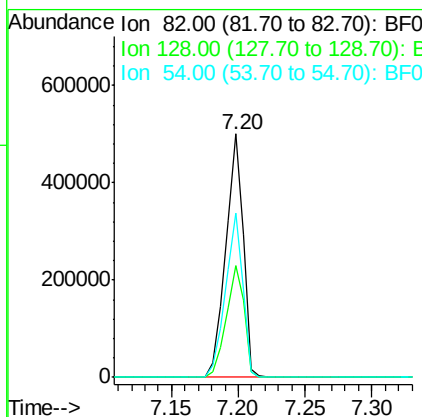
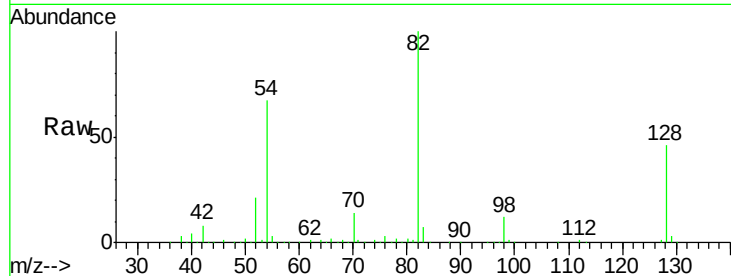
#23
 Nitrobenzene-d5
 Concen: 65.834 ng
 RT: 7.20 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF096755.D
 Acq: 14 Jul 2017 4:09

Instrument :
 BNA_F
 ClientSampleId :
 E2-P5-BASE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.0	51.0
54	67.4	42.2	63.2

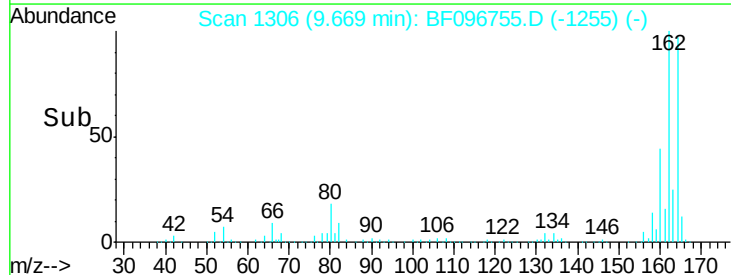
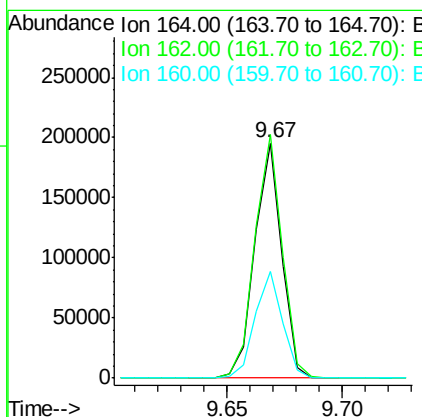
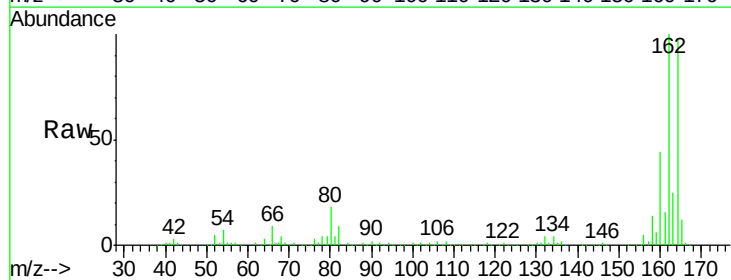
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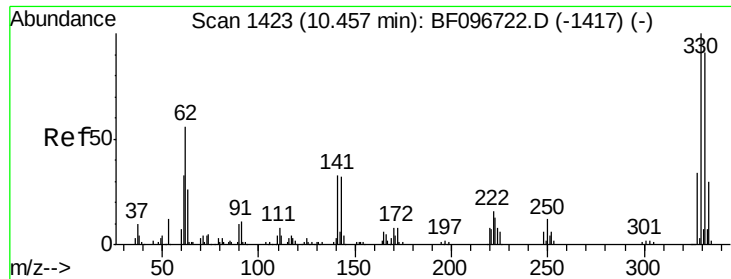
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF096755.D
 Acq: 14 Jul 2017 4:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	45.4	36.2	54.2





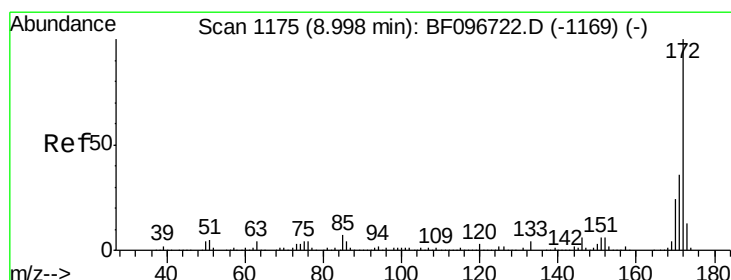
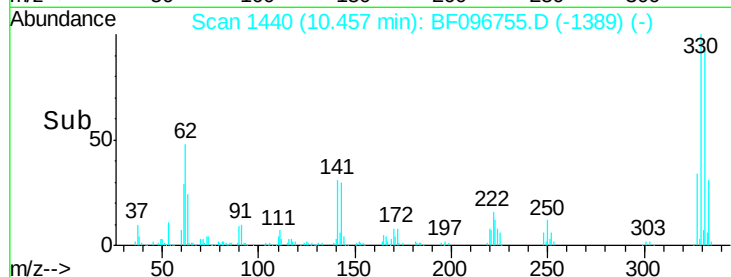
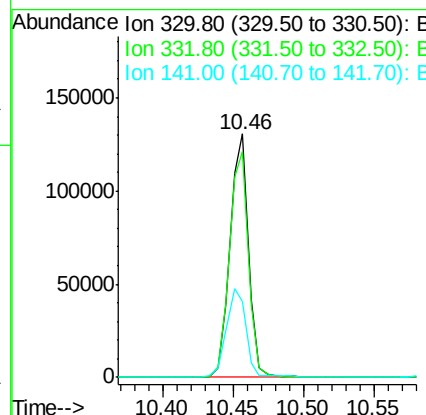
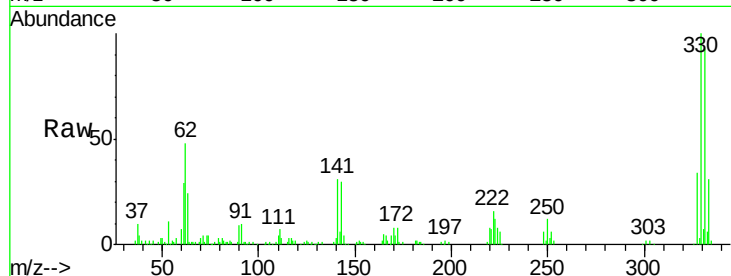
#41
 2,4,6-Tribromophenol
 Concen: 86.809 ng
 RT: 10.46 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF096755.D
 Acq: 14 Jul 2017 4:09

Instrument :
 BNA_F
 ClientSampleId :
 E2-P5-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	118377		
332	96.2	76.6	115.0	
141	40.1	31.4	47.2	

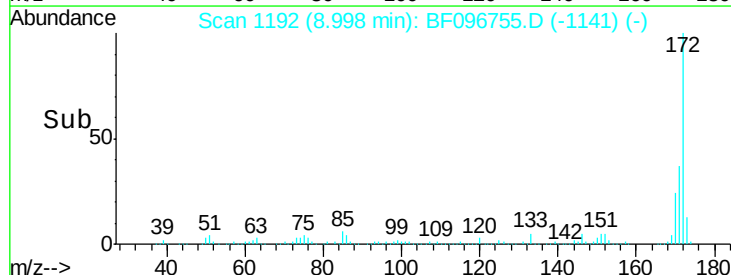
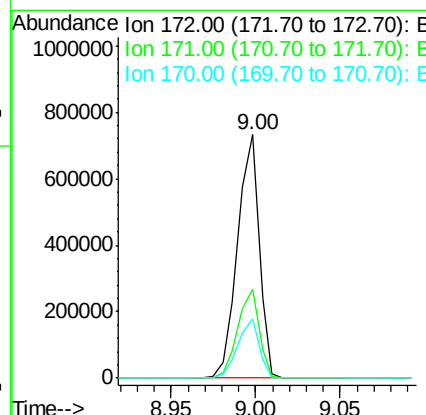
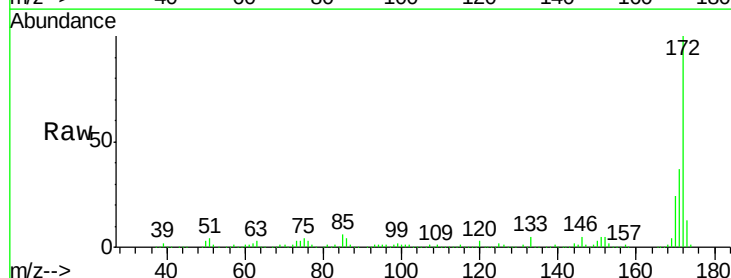
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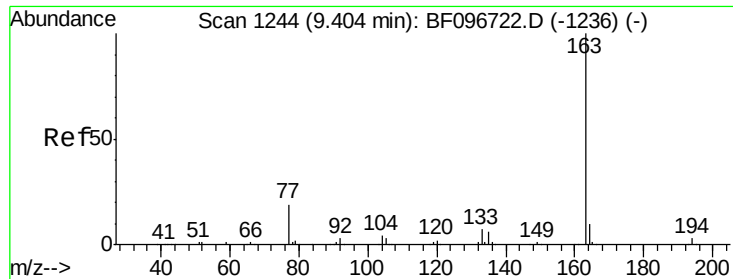
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#44
 2-Fluorobiphenyl
 Concen: 64.515 ng
 RT: 9.00 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF096755.D
 Acq: 14 Jul 2017 4:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	652351		
171	36.5	29.6	44.4	
170	24.2	19.8	29.8	





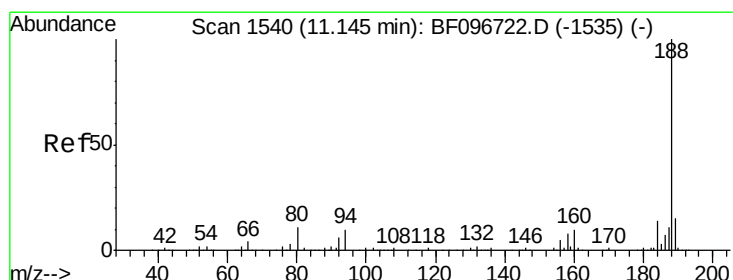
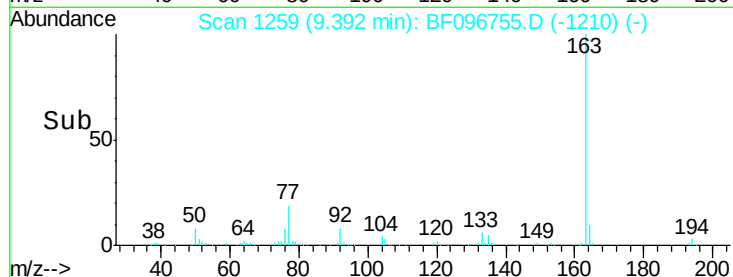
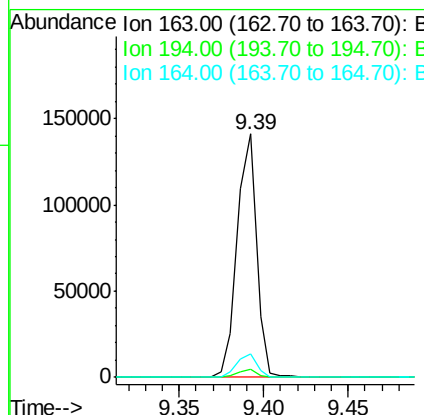
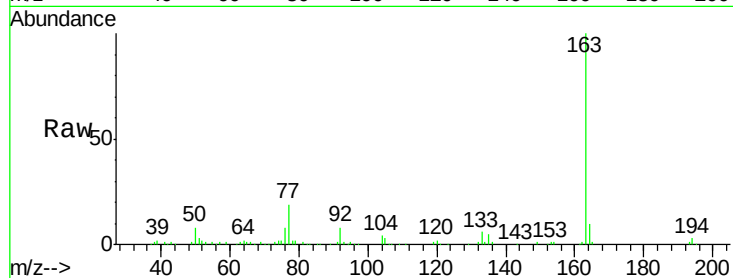
#49
Dimethylphthalate
Concen: 9.369 ng
RT: 9.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF096755.D
Acq: 14 Jul 2017 4:09

Instrument :
BNA_F
ClientSampleId :
E2-P5-BASE

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.6	4.0
164	9.9	8.4	12.6

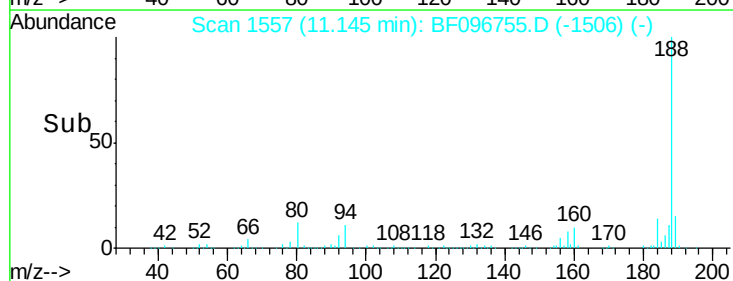
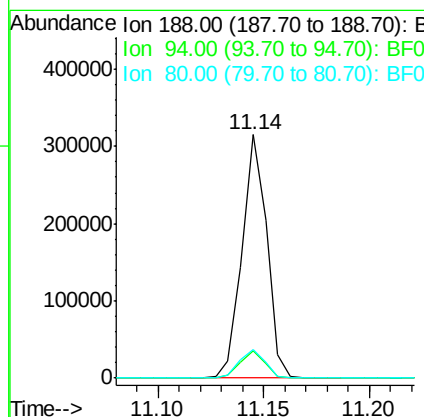
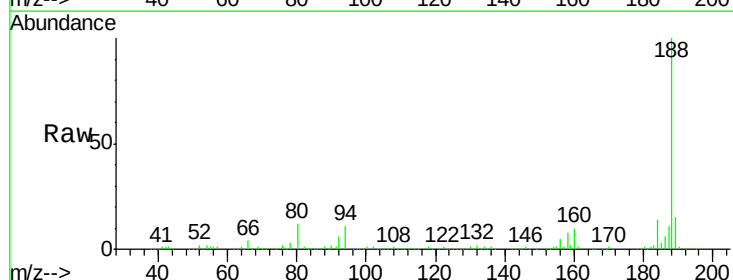
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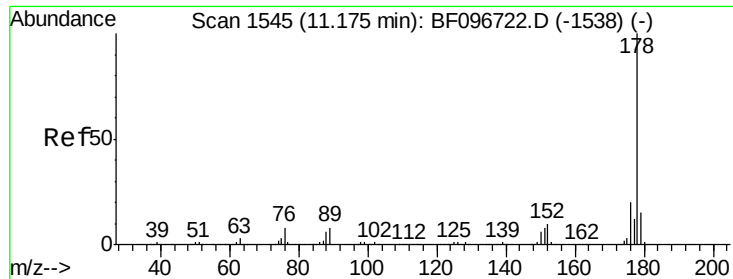
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF096755.D
Acq: 14 Jul 2017 4:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.4	9.4	14.2
80	12.0	10.2	15.2





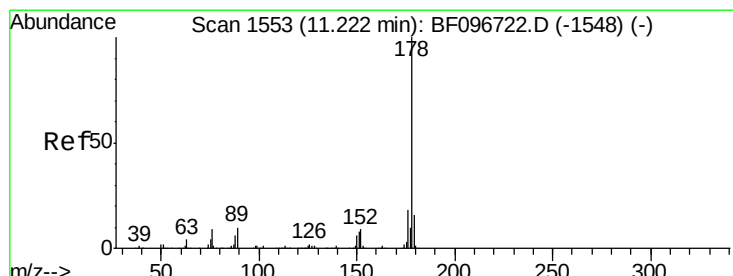
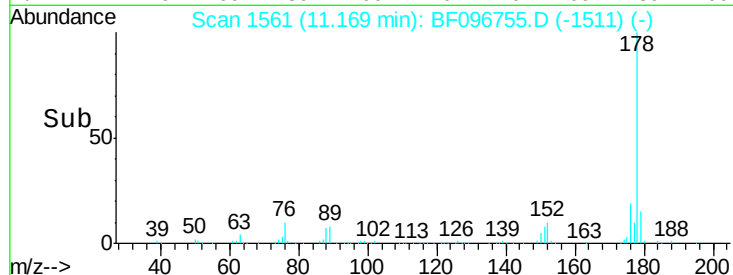
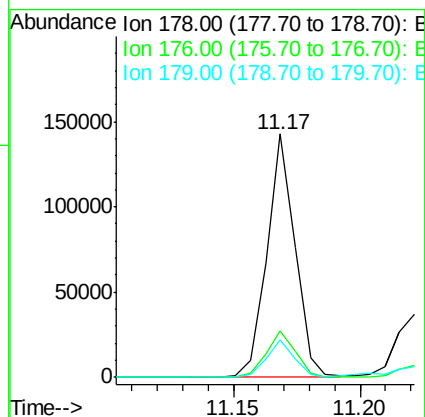
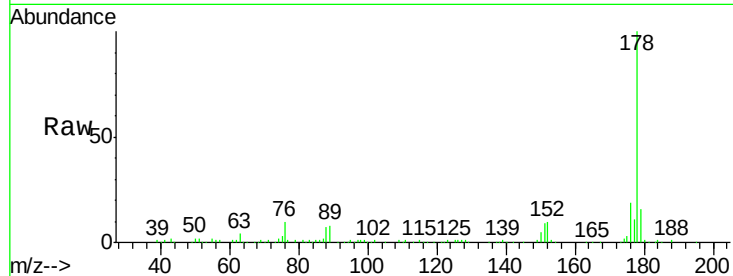
#70
Phenanthrene
Concen: 7.926 ng
RT: 11.17 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF096755.D
Acq: 14 Jul 2017 4:09

Instrument :
BNA_F
ClientSampleId :
E2-P5-BASE

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.7	12.6	19.0

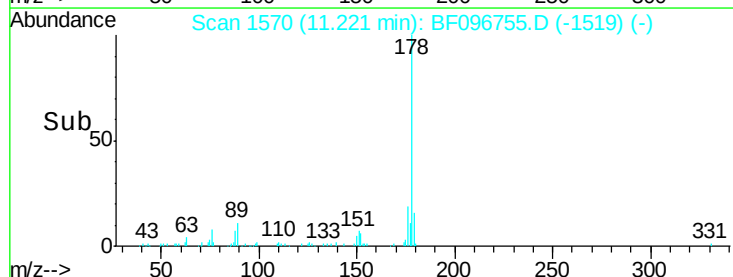
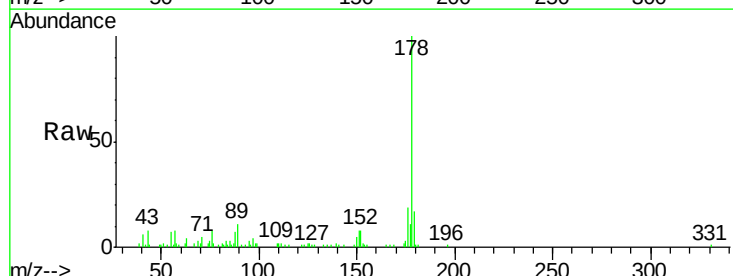
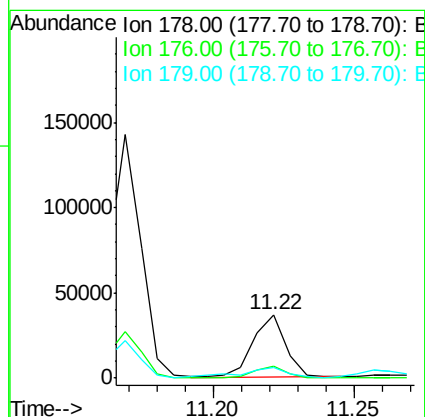
Manual Integrations
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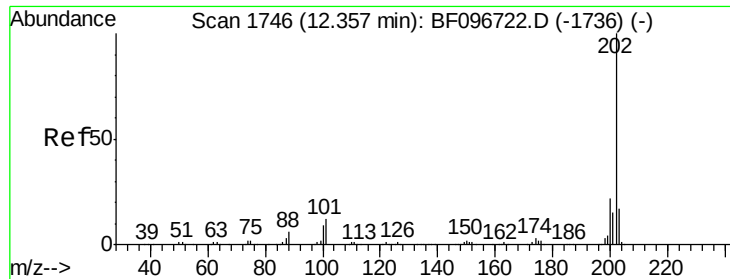
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#71
Anthracene
Concen: 2.095 ng
RT: 11.22 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF096755.D
Acq: 14 Jul 2017 4:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	16.7	12.7	19.1





#74

Fluoranthene

Concen: 18.404 ng

RT: 12.36 min Scan# 1763

Delta R.T. -0.00 min

Lab File: BF096755.D

Acq: 14 Jul 2017 4:09

Instrument :

BNA_F

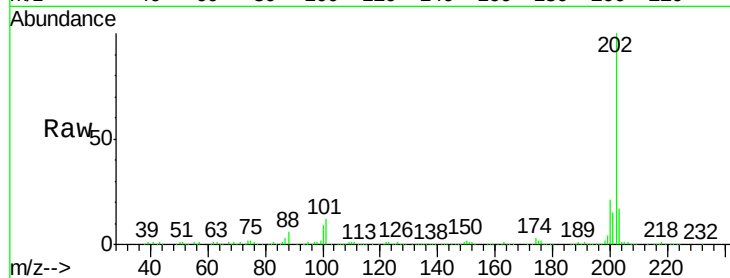
ClientSampleId :

E2-P5-BASE

Tgt Ion:	202	Resp:	243694
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	33.2
203	17.1	0.0	38.1

Manual Integrations
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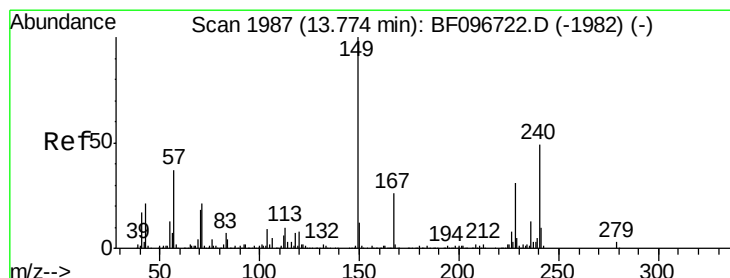
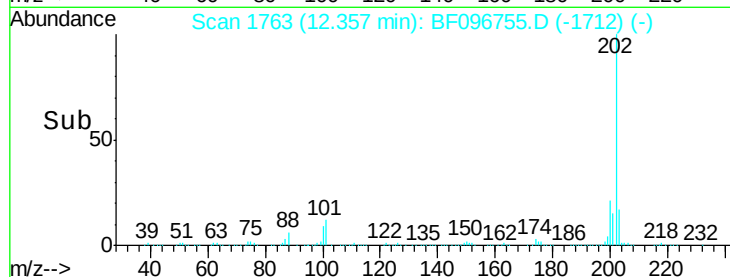
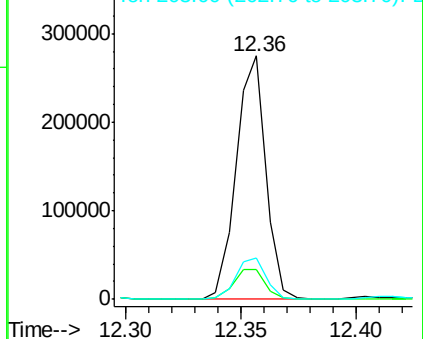
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

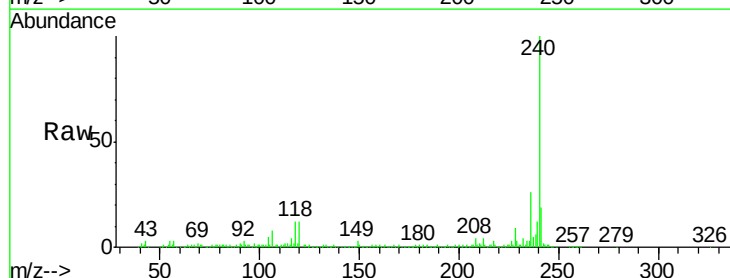
RT: 13.78 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF096755.D

Acq: 14 Jul 2017 4:09

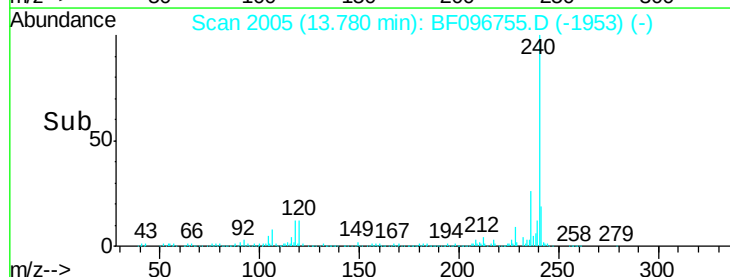
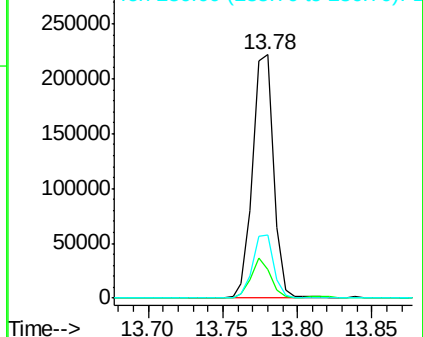
Tgt Ion:	240	Resp:	216391
Ion Ratio	Lower	Upper	
240	100		
120	12.0	5.8	8.8#
236	26.0	20.5	30.7

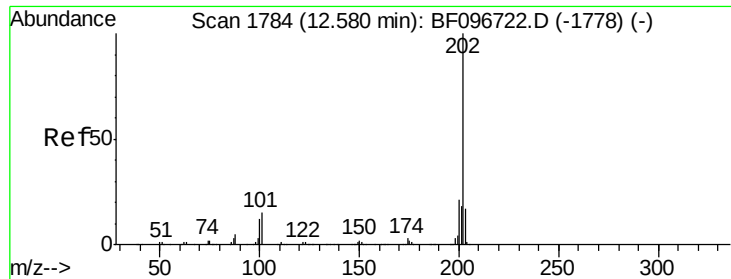


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





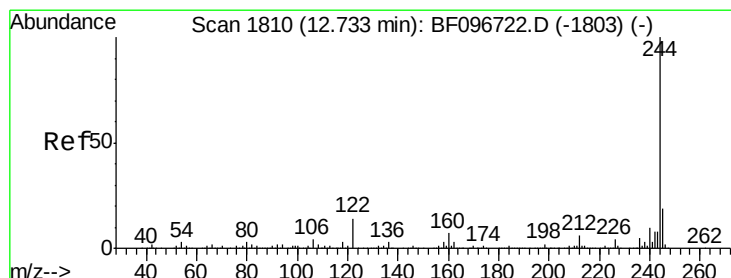
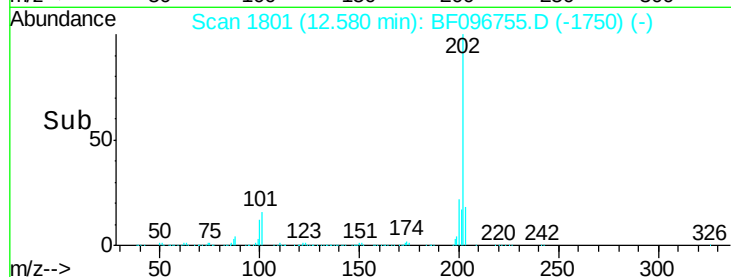
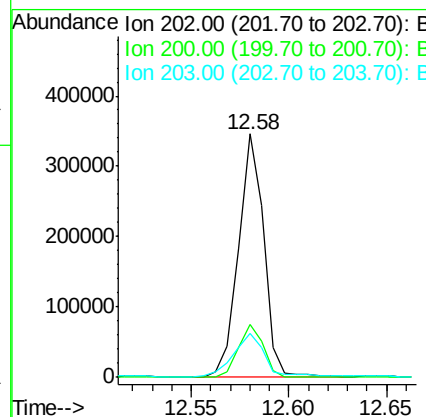
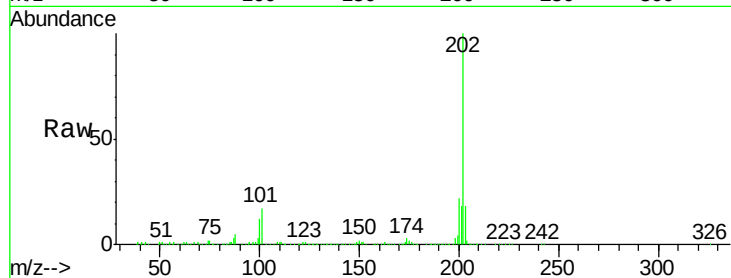
#77
 Pyrene
 Concen: 15.757 ng
 RT: 12.58 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BF096755.D
 Acq: 14 Jul 2017 4:09

Instrument :
 BNA_F
 ClientSampleId :
 E2-P5-BASE

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.6	17.6	26.4
203	17.8	14.4	21.6

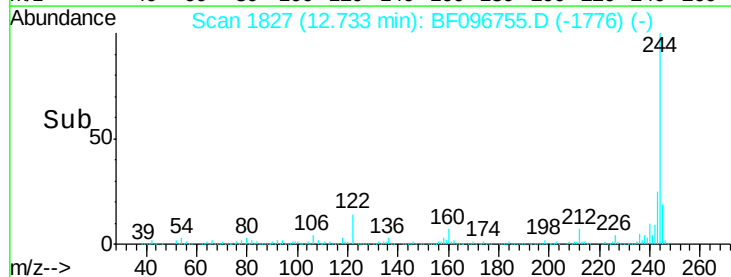
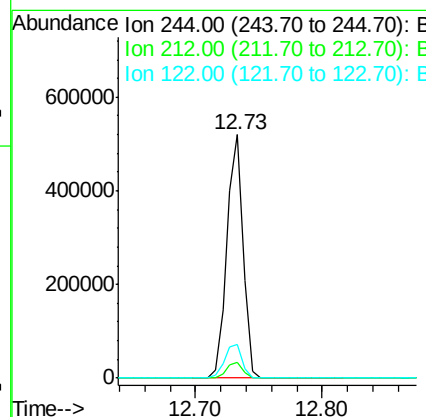
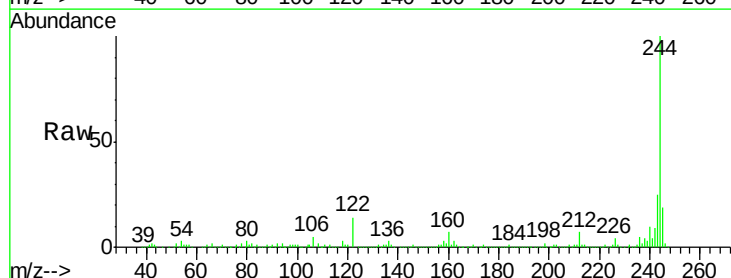
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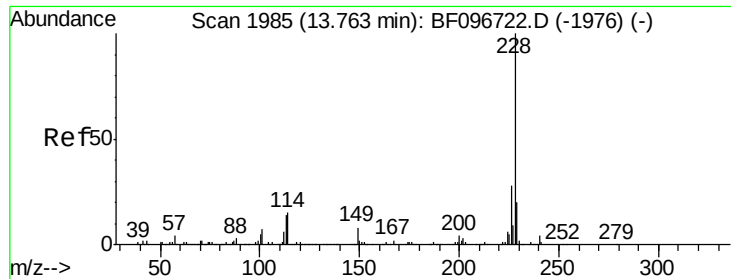
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#78
 Terphenyl-d14
 Concen: 37.197 ng
 RT: 12.73 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF096755.D
 Acq: 14 Jul 2017 4:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.7	6.0	9.0
122	14.0	10.3	15.5





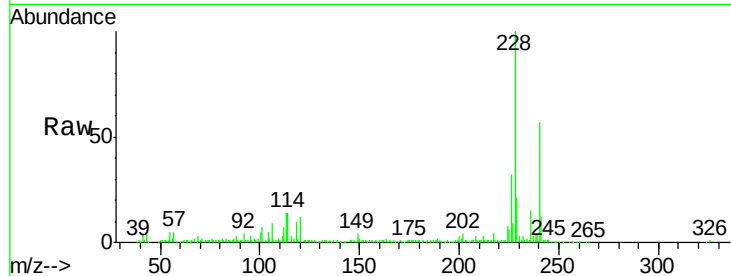
#80
Benzo(a)anthracene
Concen: 10.002 ng
RT: 13.77 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF096755.D
Acq: 14 Jul 2017 4:09

Instrument :
BNA_F
ClientSampleId :
E2-P5-BASE

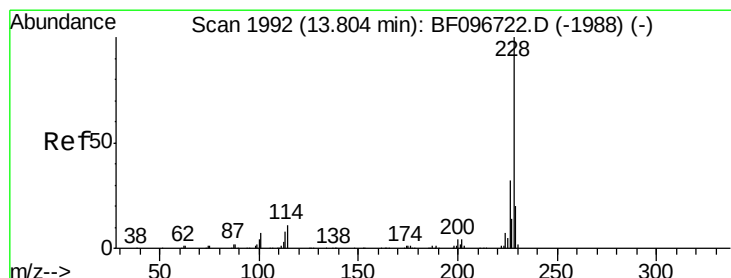
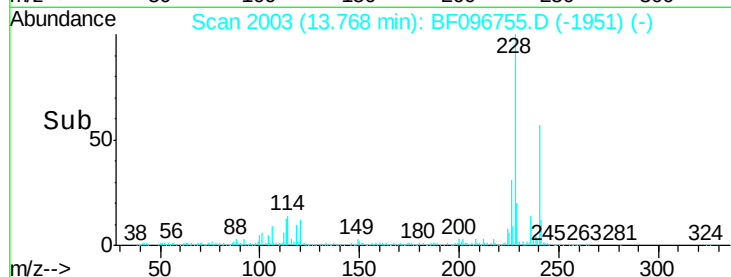
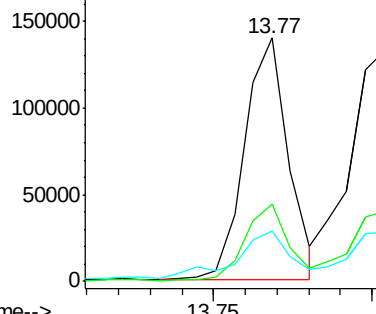
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	134850		
226	31.6	22.6	33.8	
229	20.6	16.3	24.5	

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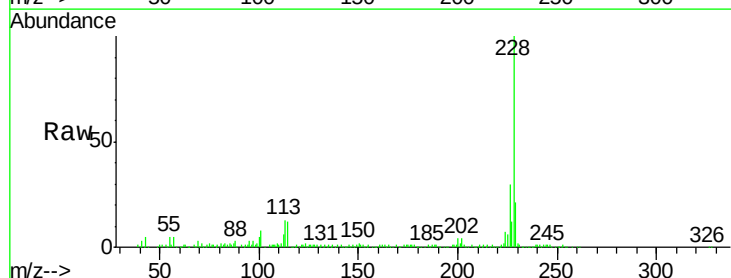


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

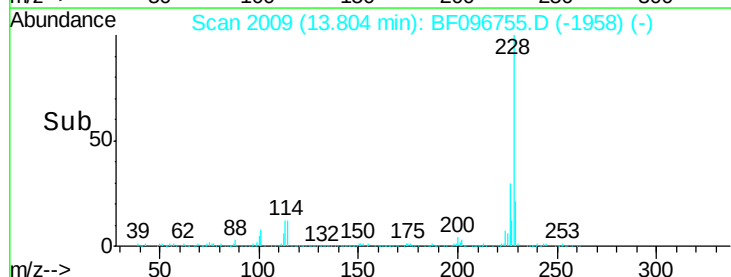
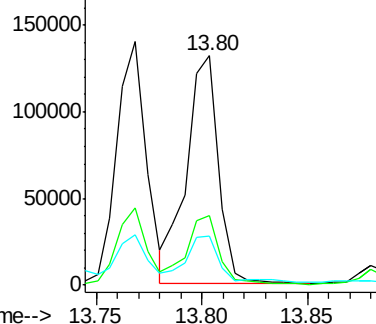


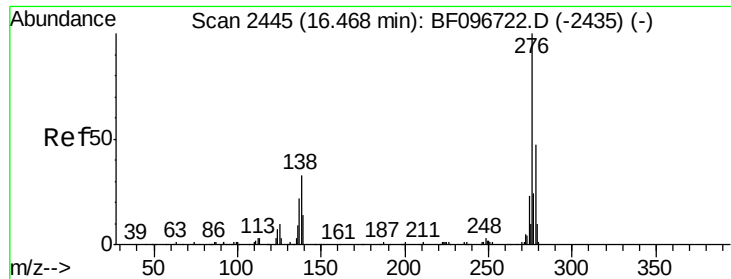
#82
Chrysene
Concen: 10.455 ng
RT: 13.80 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF096755.D
Acq: 14 Jul 2017 4:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	138778		
226	30.3	24.9	37.3	
229	21.2	15.8	23.6	



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





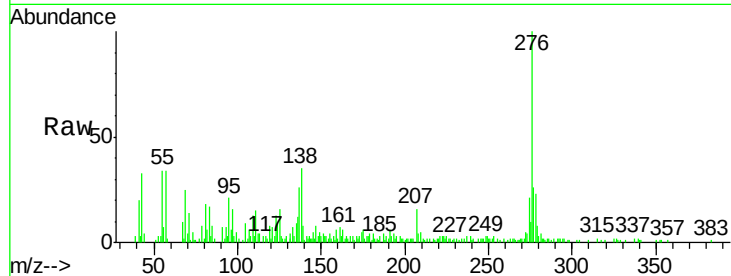
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.495 ng
RT: 16.47 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BF096755.D
Acq: 14 Jul 2017 4:09

Instrument :
BNA_F
ClientSampleId :
E2-P5-BASE

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.9	27.8	41.6
277	28.7	20.2	30.4

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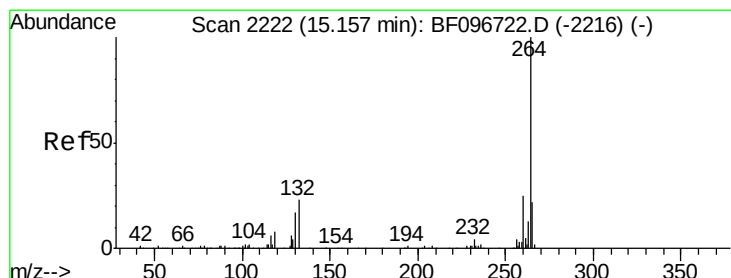
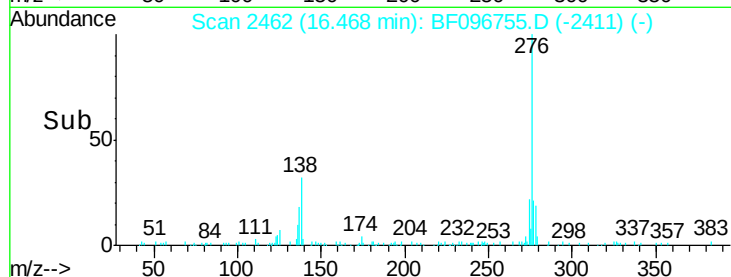
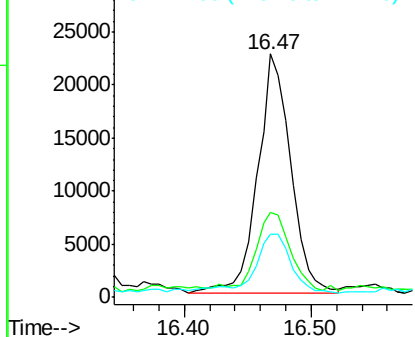


Abundance

Ion 276.00 (275.70 to 276.70): E

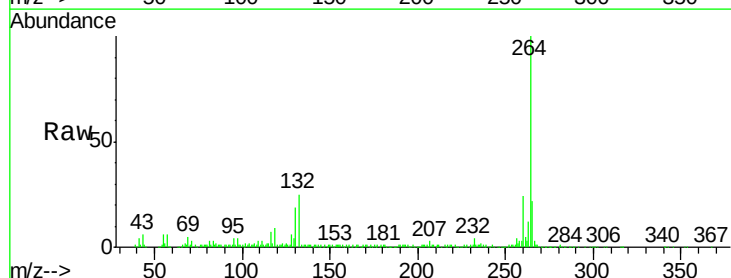
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF096755.D
Acq: 14 Jul 2017 4:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.8	17.2	25.8

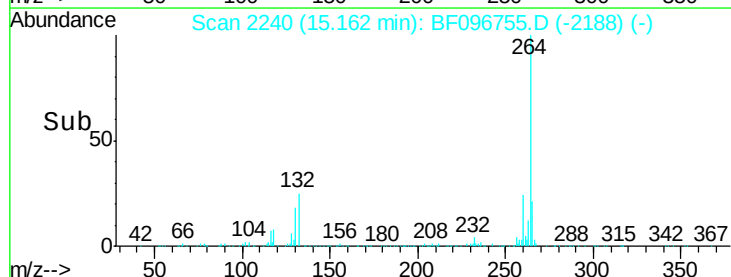
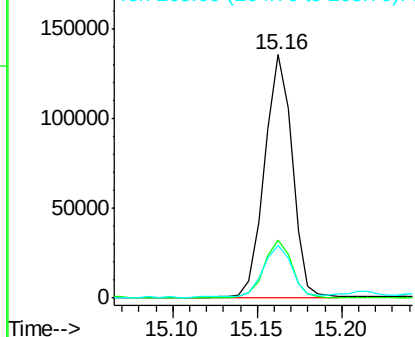


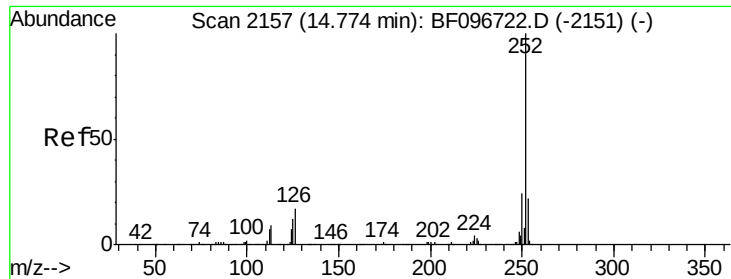
Abundance

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: 11.879 ng m

RT: 14.78 min Scan# 2175

Delta R.T. 0.01 min

Lab File: BF096755.D

Acq: 14 Jul 2017 4:09

Instrument :

BNA_F

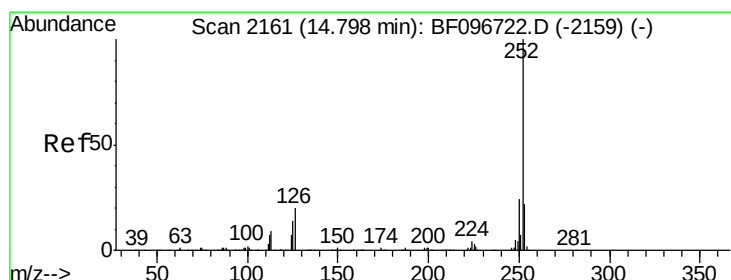
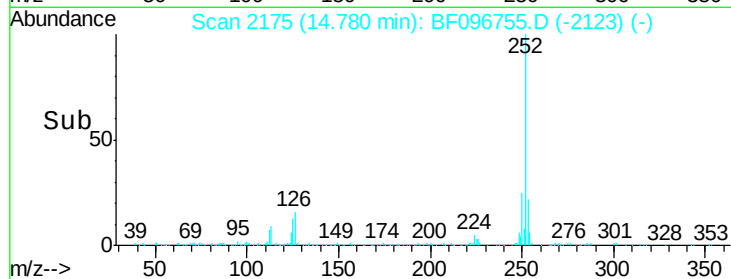
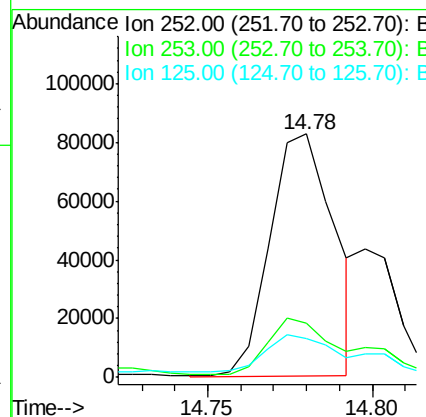
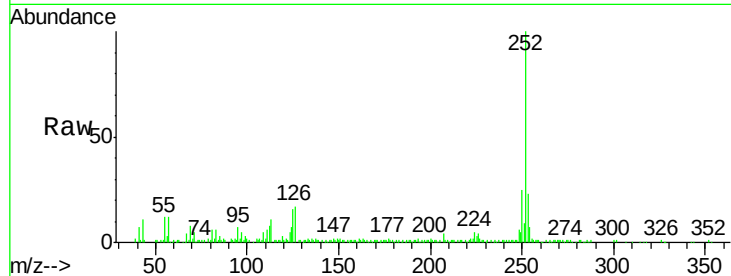
ClientSampled :

E2-P5-BASE

Tgt Ion:	252	Resp:	111467
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	15.7	9.8	14.8#

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#88

Benzo(k)fluoranthene

Concen: 4.293 ng m

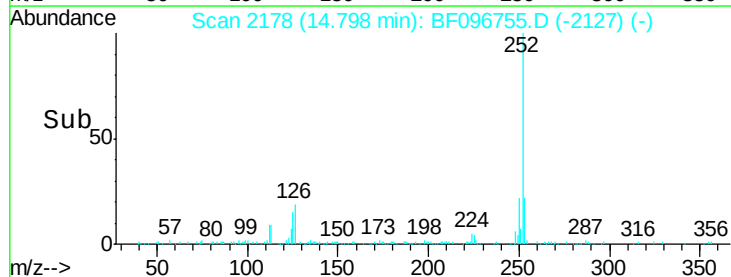
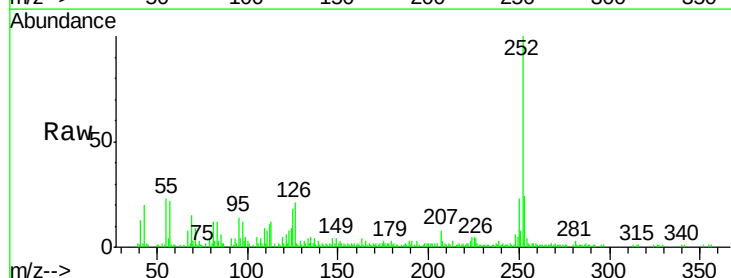
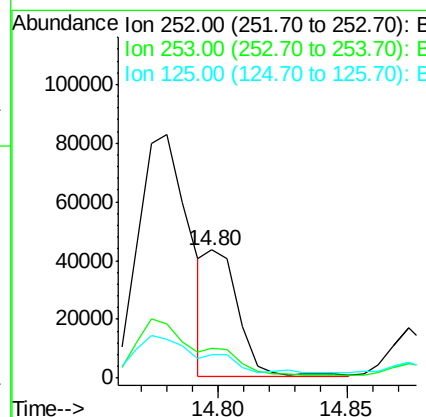
RT: 14.80 min Scan# 2178

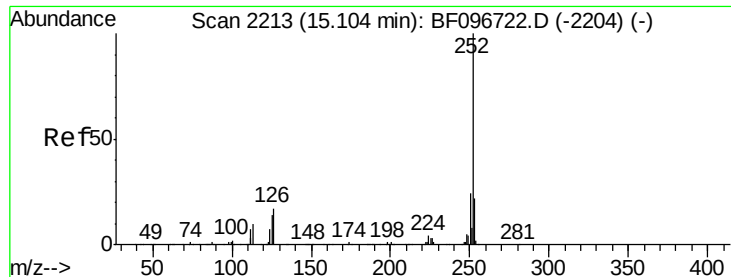
Delta R.T. -0.00 min

Lab File: BF096755.D

Acq: 14 Jul 2017 4:09

Tgt Ion:	252	Resp:	38145
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.4	27.6
125	18.5	13.1	19.7





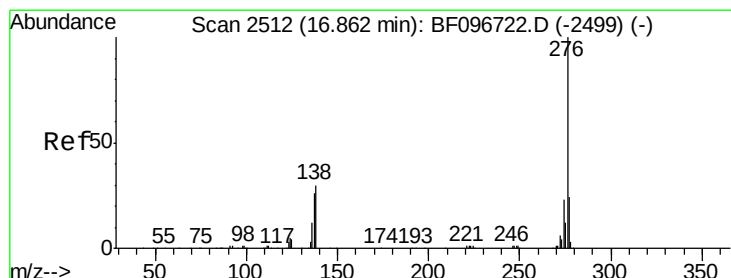
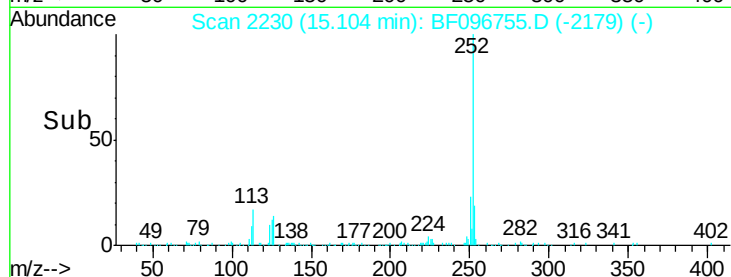
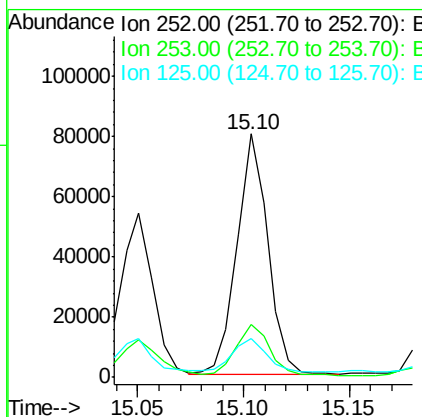
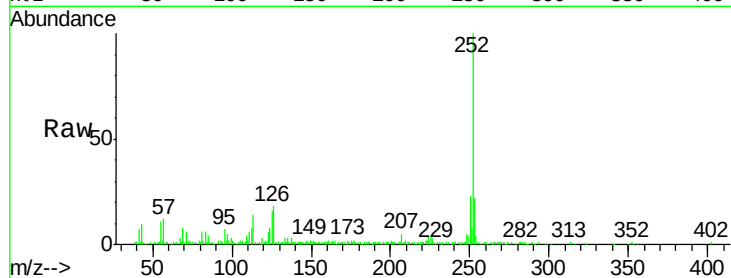
#89
Benzo(a)pyrene
Concen: 9.410 ng
RT: 15.10 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF096755.D
Acq: 14 Jul 2017 4:09

Instrument :
BNA_F
ClientSampleId :
E2-P5-BASE

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	17.5	26.3
125	15.7	11.0	16.4

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#91
Benzo(g,h,i)perylene
Concen: 4.723 ng
RT: 16.86 min Scan# 2529
Delta R.T. -0.00 min
Lab File: BF096755.D
Acq: 14 Jul 2017 4:09

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	24.8	18.6	28.0
138	31.9	25.4	38.0

