

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
 Data File : BF096807.D
 Acq On : 15 Jul 2017 8:17
 Operator : SJ/JU
 Sample : I4172-05DL 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-ESWDL

Manual Integrations
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Quant Time: Jul 17 05:57:00 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	6.63	152	74931	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	268366	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	95847	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	155832	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	169580	20.00	ng	-0.02
86) Perylene-d12	15.14	264	118257	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	61710	12.38	ng	0.00
7) Phenol-d6	6.26	99	69749	11.66	ng	-0.02
23) Nitrobenzene-d5	7.18	82	37907	8.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	8604	10.52	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	63687	10.50	ng	-0.02
78) Terphenyl-d14	12.72	244	52573	5.38	ng	-0.02
Target Compounds						
12) 1,3-Dichlorobenzene	6.56	146	17346	3.035	ng	Qvalue 96
13) 1,4-Dichlorobenzene	6.65	146	86000	14.860	ng	99
14) 1,2-Dichlorobenzene	6.80	146	294121	55.875	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.91	45	25843m	2.463	ng	
30) 1,2,4-Trichlorobenzene	7.85	180	19047	5.399	ng	# 95
31) Naphthalene	7.93	128	644465	50.693	ng	99
37) 2-Methylnaphthalene	8.63	142	810703	100.025	ng	98
45) 1,1'-Biphenyl	9.08	154	115327	14.030	ng	99
51) Acenaphthene	9.69	154	50264	8.822	ng	99
54) Dibenzofuran	9.86	168	24428m	3.060	ng	
57) Fluorene	10.20	166	23976	4.064	ng	# 89
70) Phenanthrene	11.16	178	58777	6.937	ng	98

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

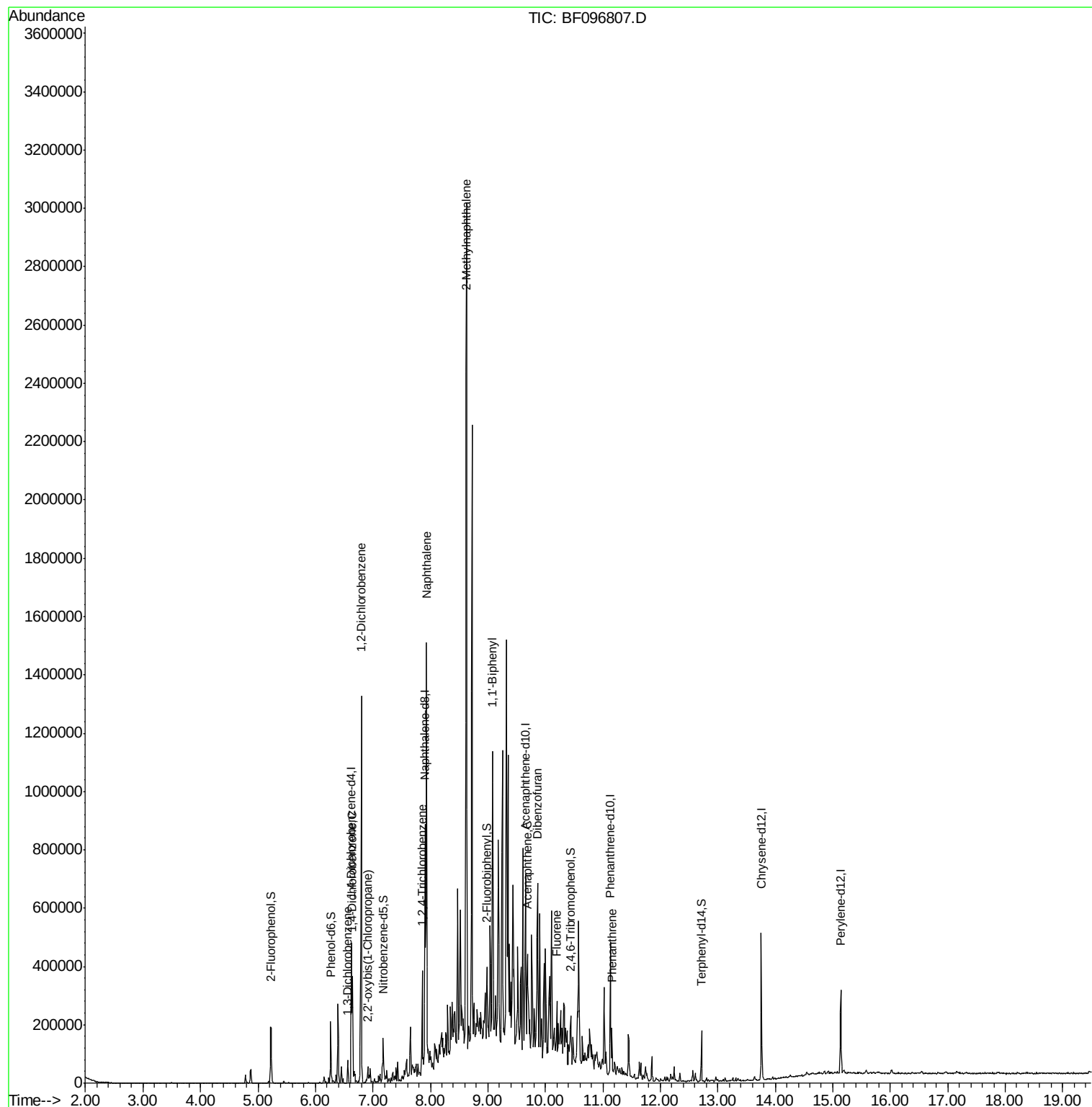
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
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ALS Vial : 28 Sample Multiplier: 1

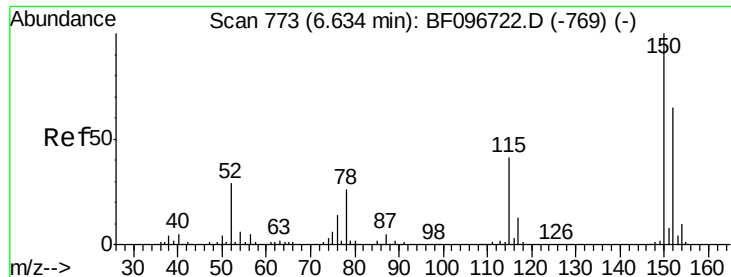
Instrument :
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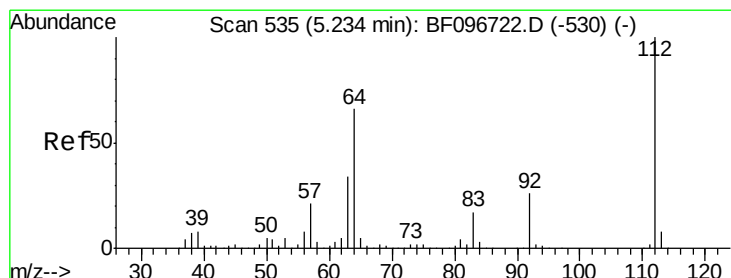
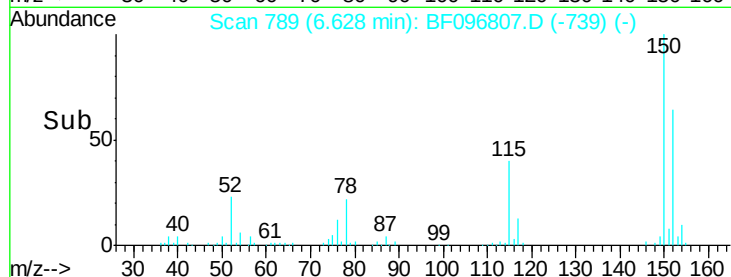
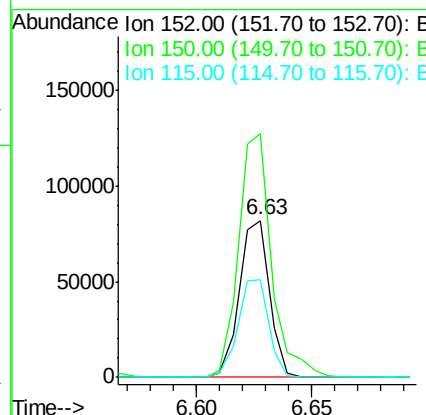
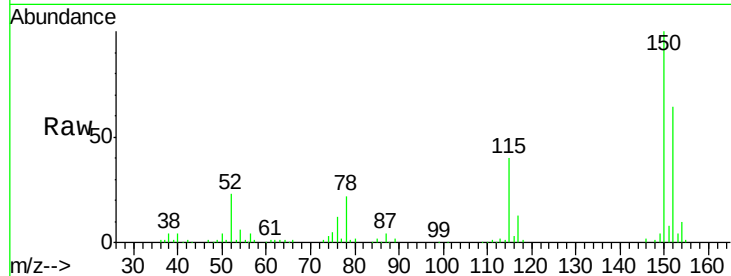
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.63 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF096807.D
 Acq: 15 Jul 2017 8:17

Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-ESWDL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.2	189.2
115	62.6	52.2	78.2

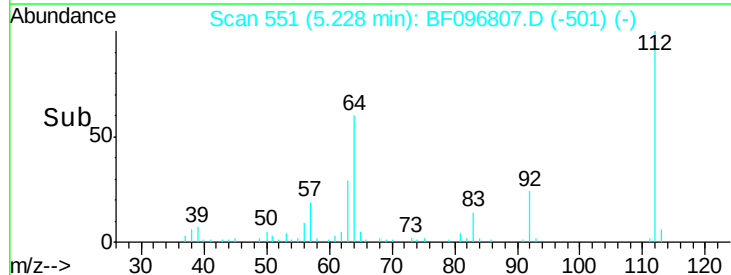
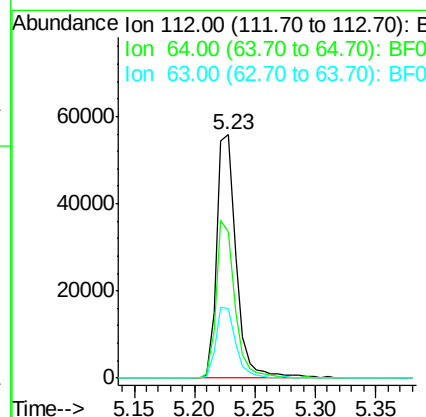
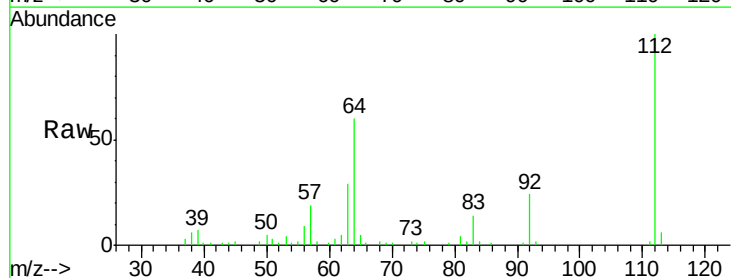
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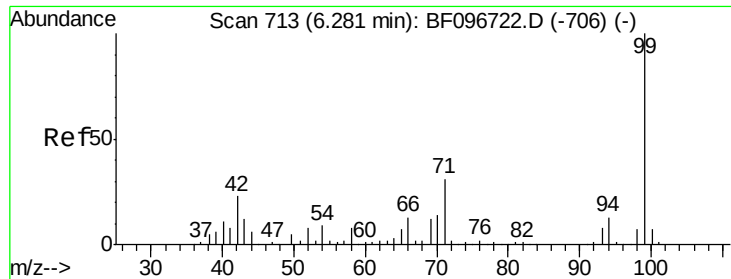
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#5
 2-Fluorophenol
 Concen: 12.383 ng
 RT: 5.23 min Scan# 551
 Delta R.T. -0.01 min
 Lab File: BF096807.D
 Acq: 15 Jul 2017 8:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	46.0	69.0
63	28.6	23.4	35.0





#7

Phenol-d6

Concen: 11.663 ng

RT: 6.26 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF096807.D

Acq: 15 Jul 2017 8:17

Instrument :

BNA_F

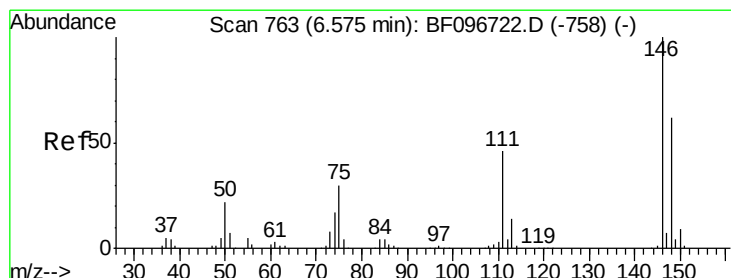
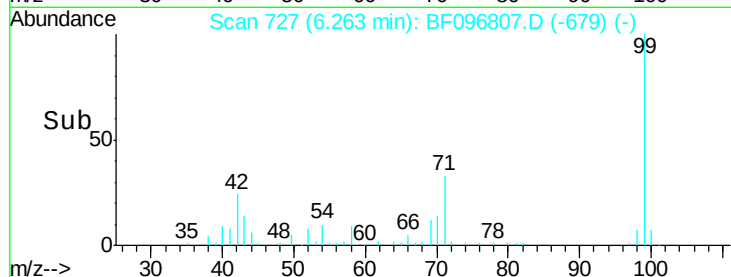
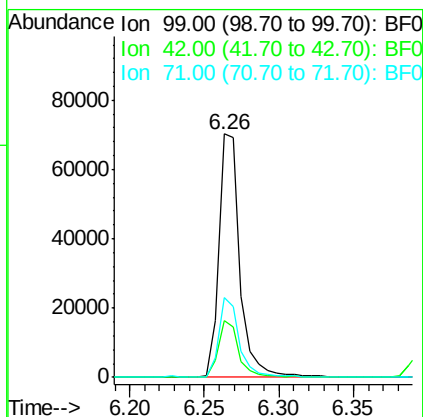
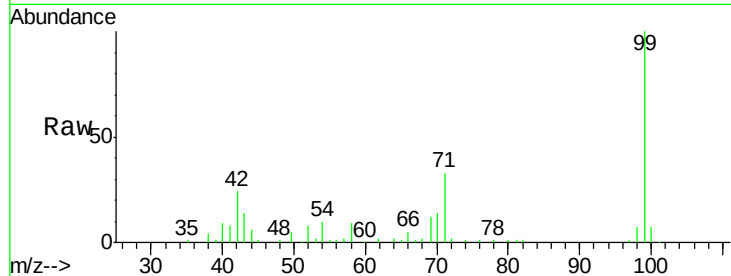
ClientSampleId :

E2-P6-ESWDL

Tgt Ion:	99	Resp:	69749
Ion Ratio	Lower	Upper	
99	100		
42	23.6	13.5	20.3#
71	32.9	24.5	36.7

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#12

1,3-Dichlorobenzene

Concen: 3.035 ng

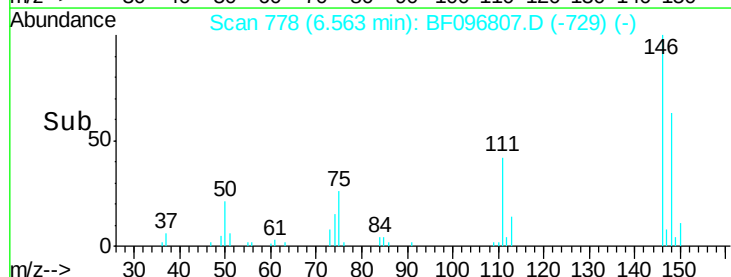
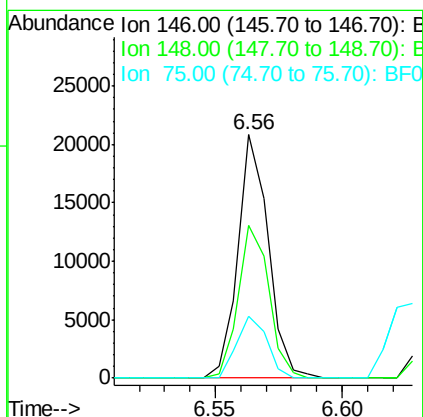
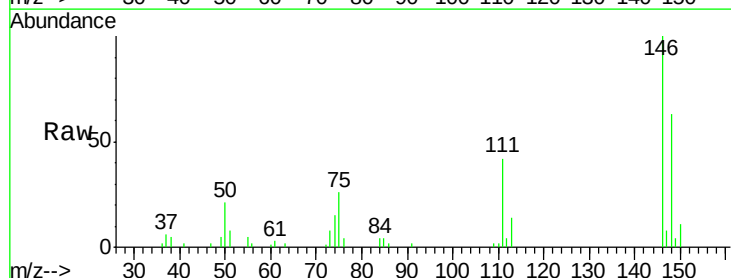
RT: 6.56 min Scan# 778

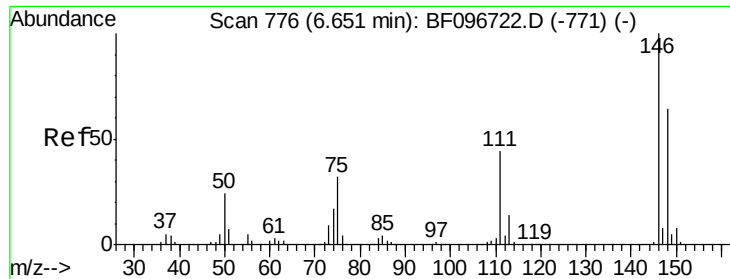
Delta R.T. -0.01 min

Lab File: BF096807.D

Acq: 15 Jul 2017 8:17

Tgt Ion:	146	Resp:	17346
Ion Ratio	Lower	Upper	
146	100		
148	62.7	51.8	77.6
75	25.7	23.1	34.7





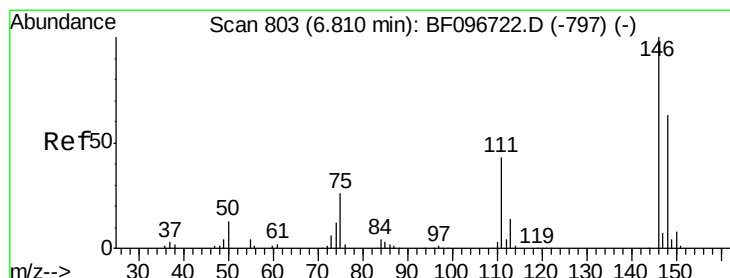
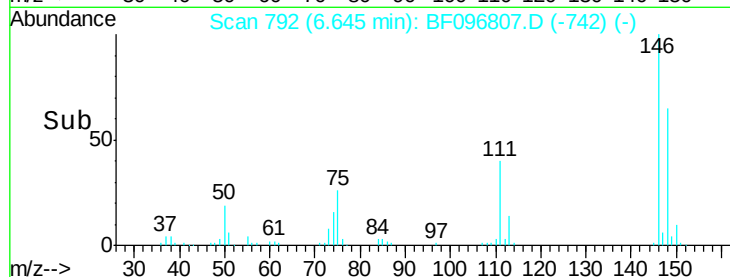
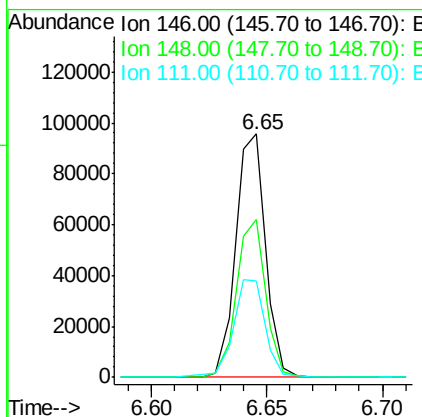
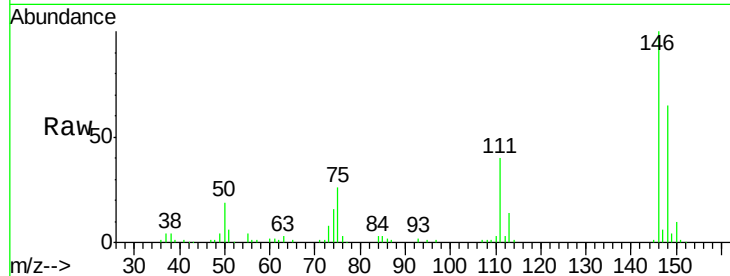
#13
 1,4-Dichlorobenzene
 Concen: 14.860 ng
 RT: 6.65 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF096807.D
 Acq: 15 Jul 2017 8:17

Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-ESWDL

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.2
111	39.6	30.3	45.5

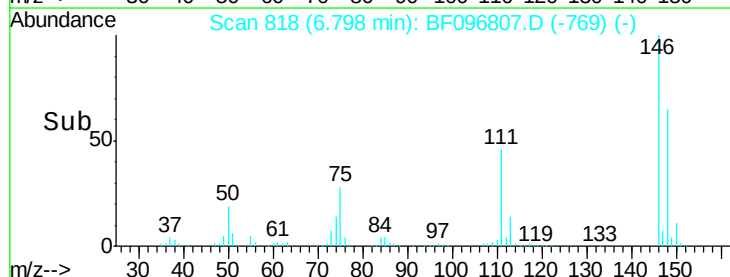
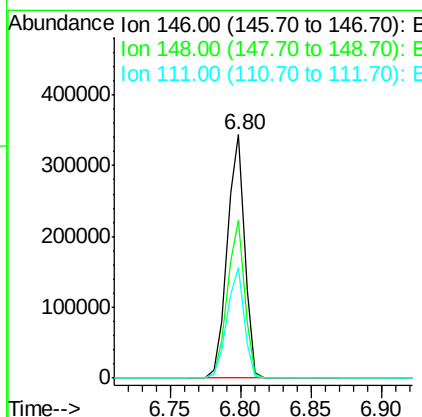
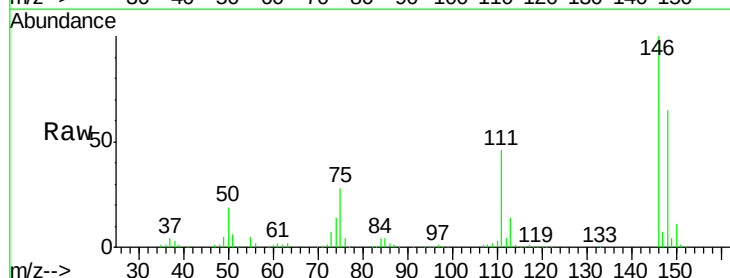
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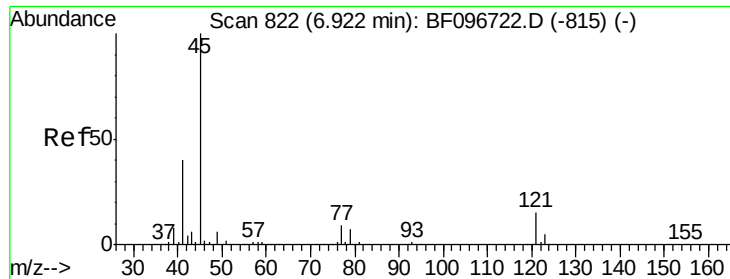
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#14
 1,2-Dichlorobenzene
 Concen: 55.875 ng
 RT: 6.80 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF096807.D
 Acq: 15 Jul 2017 8:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.4	75.6
111	45.5	38.2	57.4





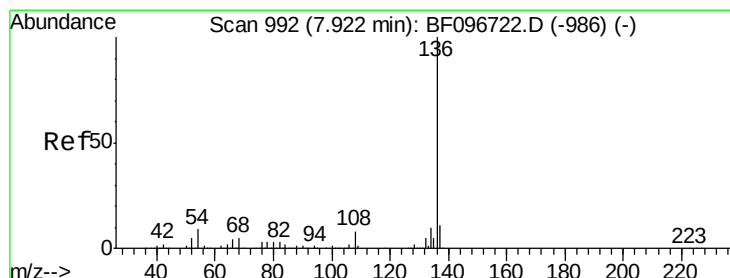
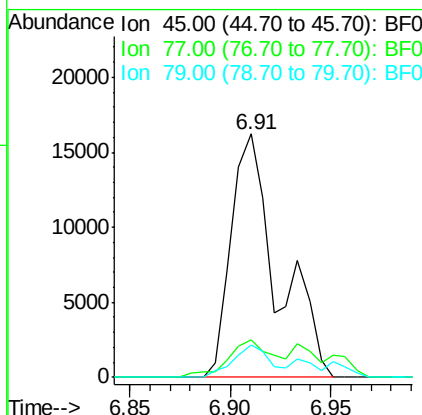
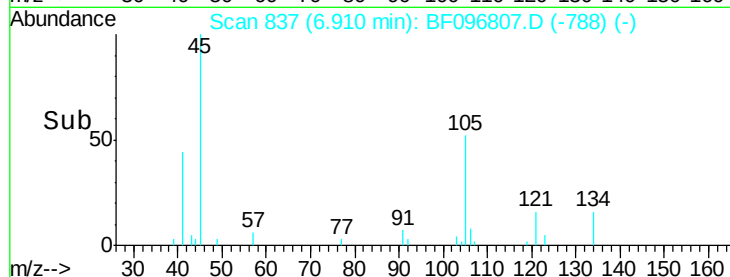
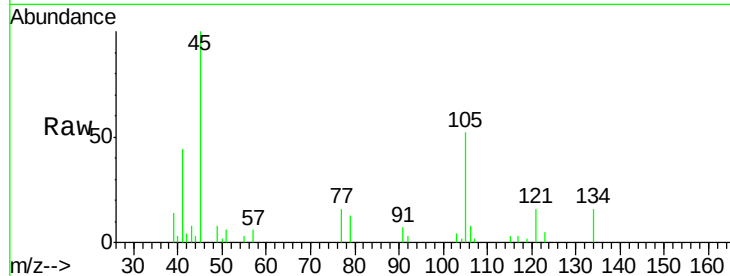
#16
 2,2'-oxybis(1-chloropropane)
 Concen: 2.463 ng m
 RT: 6.91 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF096807.D
 Acq: 15 Jul 2017 8:17

Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-ESWDL

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	33.2
79	13.3	0.0	30.0

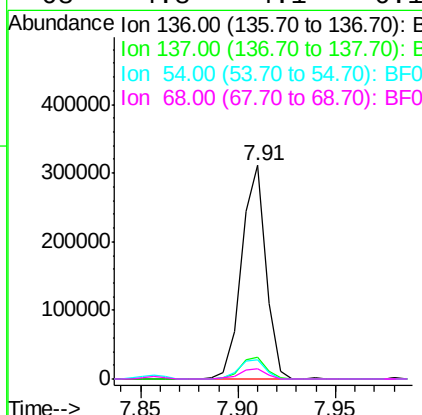
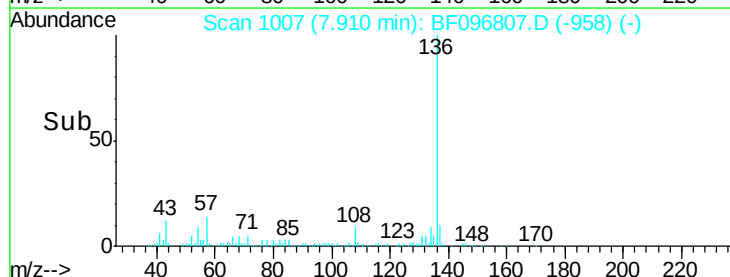
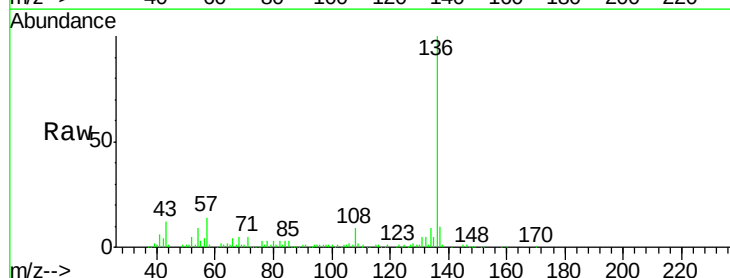
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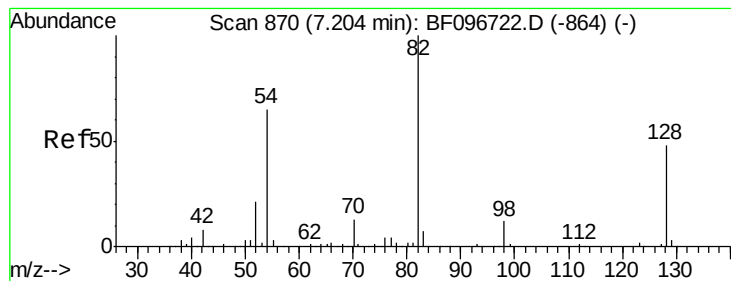
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#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.91 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF096807.D
 Acq: 15 Jul 2017 8:17

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.5	12.7
54	9.0	4.9	7.3#
68	4.8	4.1	6.1





#23

Nitrobenzene-d5

Concen: 8.749 ng

RT: 7.18 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF096807.D

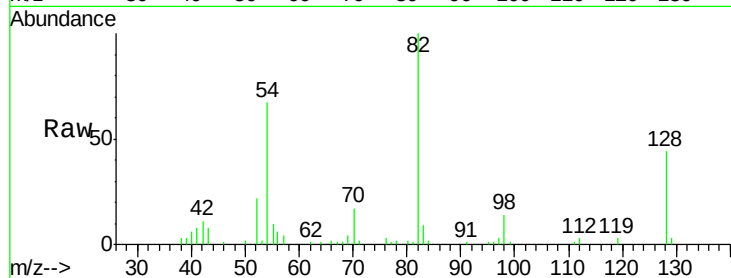
Acq: 15 Jul 2017 8:17

Instrument :

BNA_F

ClientSampleId :

E2-P6-ESWDL



Tgt Ion: 82 Resp: 37907

Ion Ratio Lower Upper

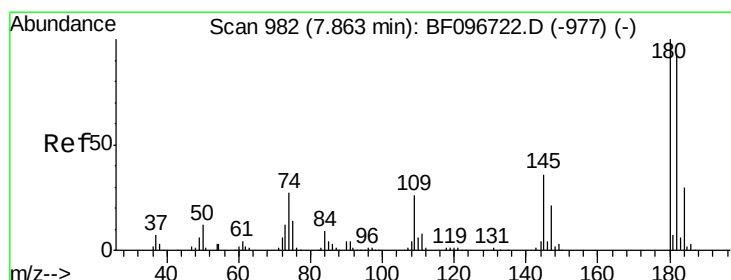
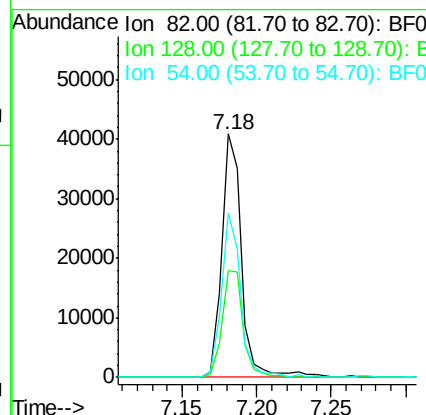
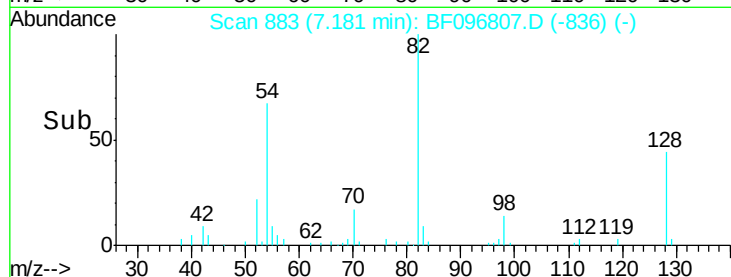
82 100

128 43.8 34.0 51.0

54 67.3 42.2 63.2#

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#30

1,2,4-Trichlorobenzene

Concen: 5.399 ng

RT: 7.85 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF096807.D

Acq: 15 Jul 2017 8:17

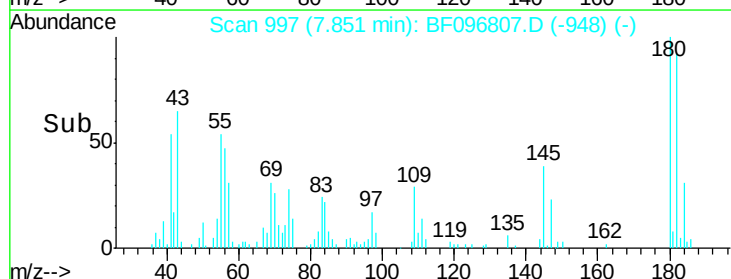
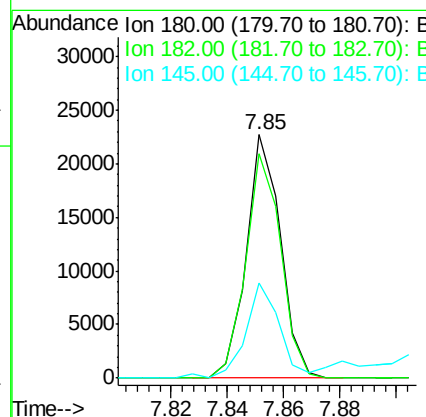
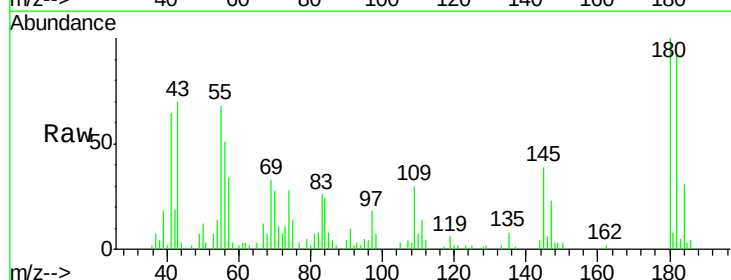
Tgt Ion: 180 Resp: 19047

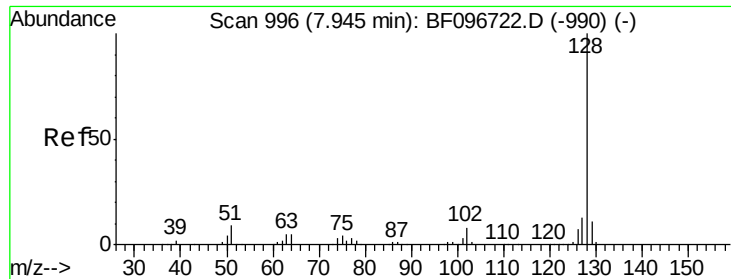
Ion Ratio Lower Upper

180 100

182 92.1 75.8 113.6

145 39.2 25.3 37.9#





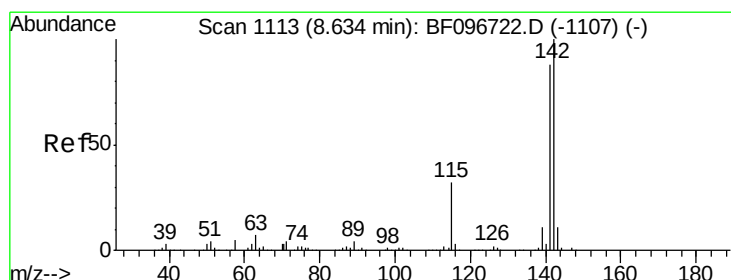
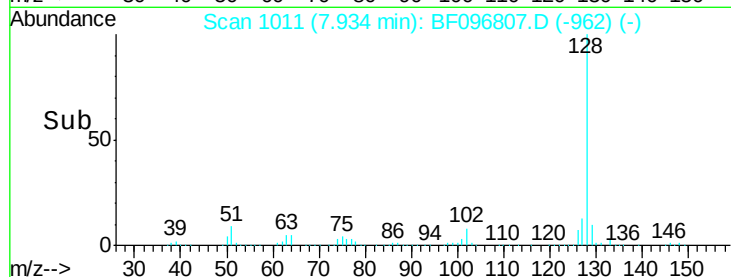
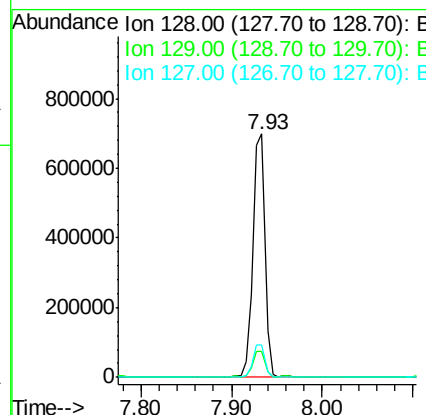
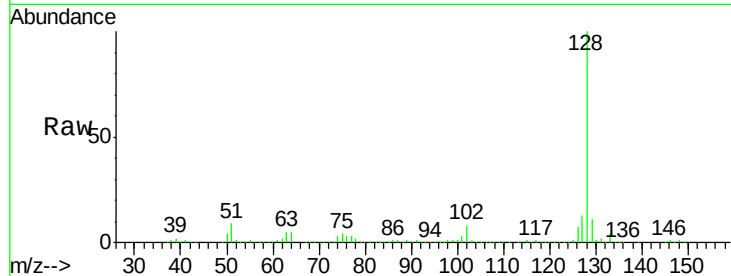
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Naphthalene
Concen: 50.693 ng
RT: 7.93 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF096807.D
Acq: 15 Jul 2017 8:17

Instrument :
BNA_F
ClientSampleId :
E2-P6-ESWDL

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	644465		
129	10.6	9.0	13.6	
127	13.3	10.8	16.2	

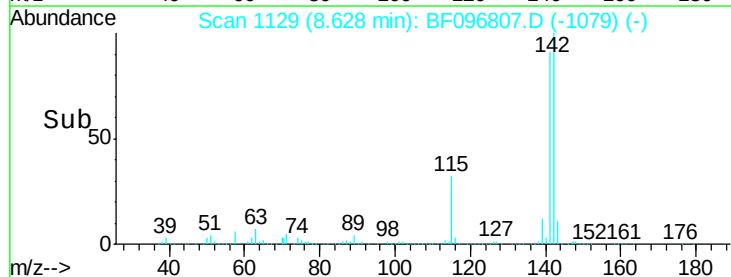
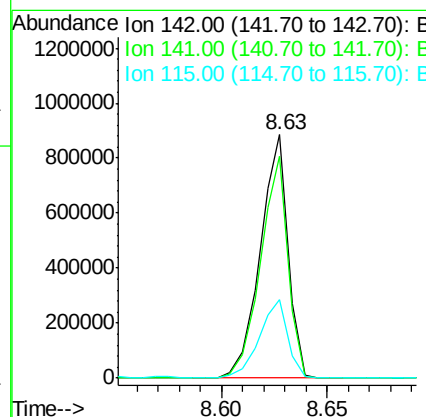
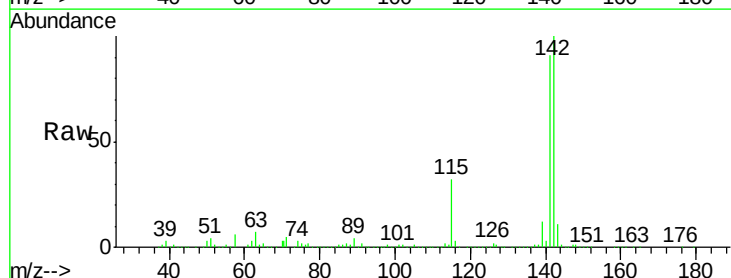
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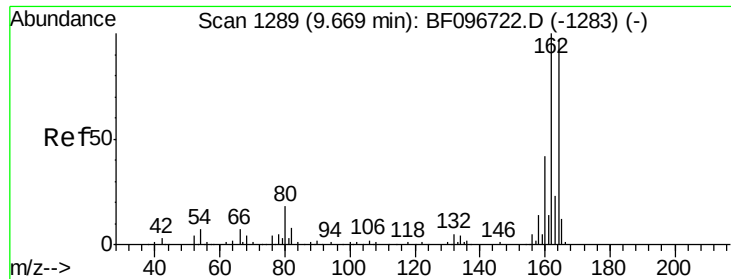
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#37
2-Methylnaphthalene
Concen: 100.025 ng
RT: 8.63 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF096807.D
Acq: 15 Jul 2017 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	810703		
141	91.1	71.3	106.9	
115	32.4	27.1	40.7	





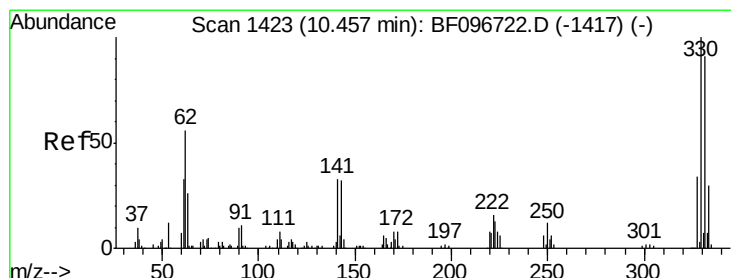
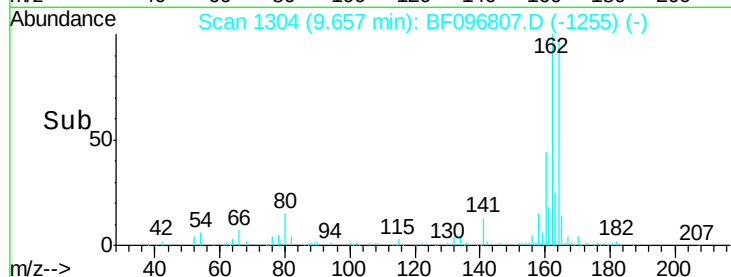
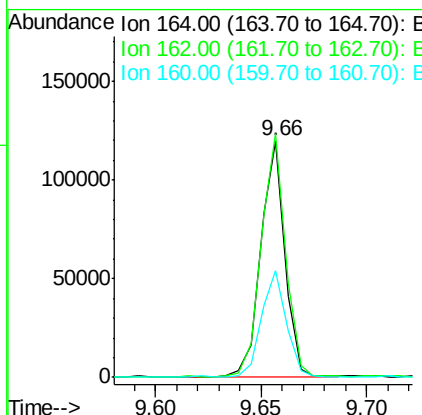
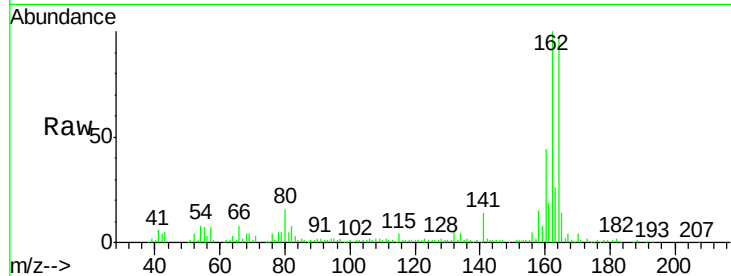
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096807.D
 Acq: 15 Jul 2017 8:17

Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-ESWDL

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	95847	82.6	123.8
160	45.3		36.2	54.2

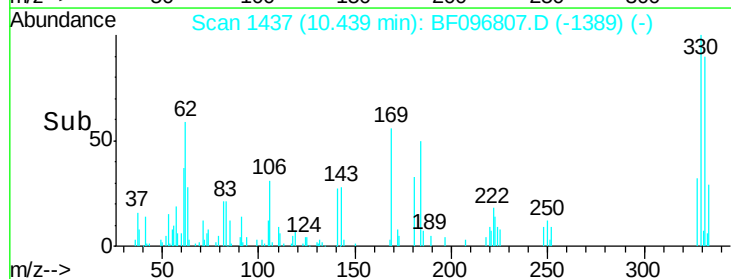
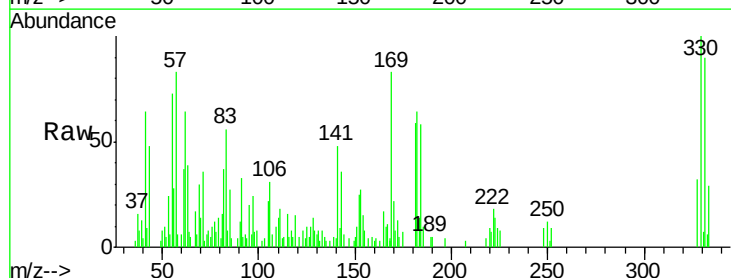
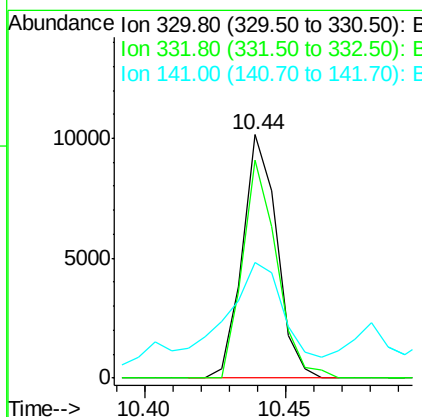
Manual Integrations
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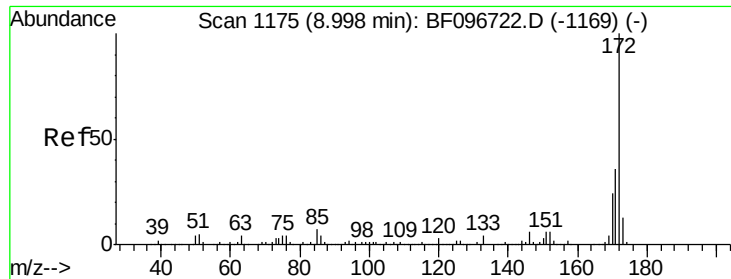
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#41
 2,4,6-Tribromophenol
 Concen: 10.517 ng
 RT: 10.44 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096807.D
 Acq: 15 Jul 2017 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	8604		
332	89.4		76.6	115.0
141	77.6		31.4	47.2#





#44

2-Fluorobiphenyl

Concen: 10.498 ng

RT: 8.98 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BF096807.D

Acq: 15 Jul 2017 8:17

Instrument :

BNA_F

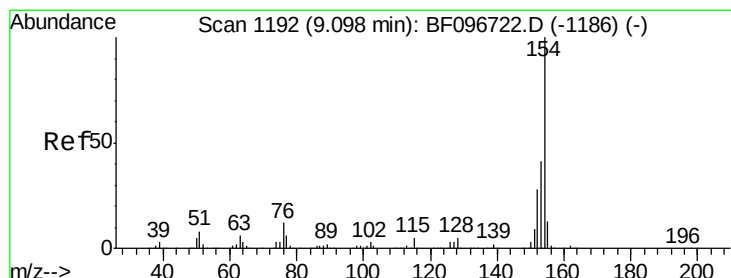
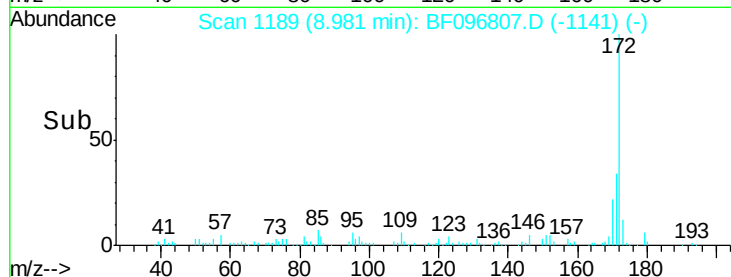
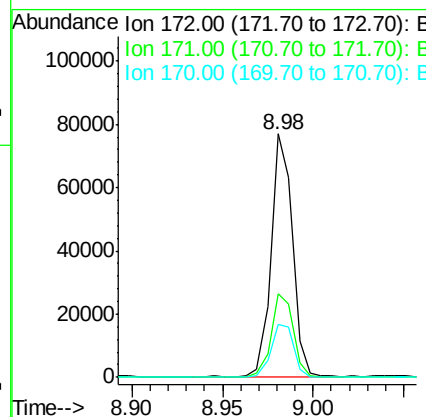
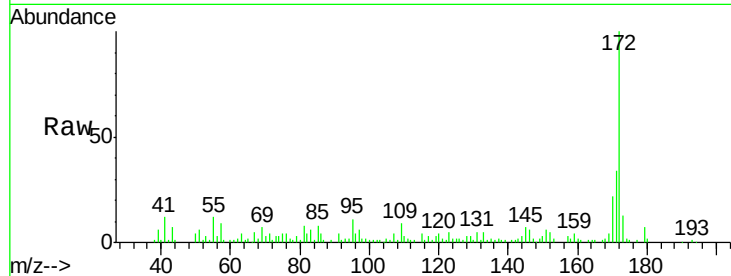
ClientSampleId :

E2-P6-ESWDL

Tgt Ion:	172	Resp:	63687
Ion Ratio	Lower	Upper	
172	100		
171	34.3	29.6	44.4
170	22.0	19.8	29.8

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#45

1,1'-Biphenyl

Concen: 14.030 ng

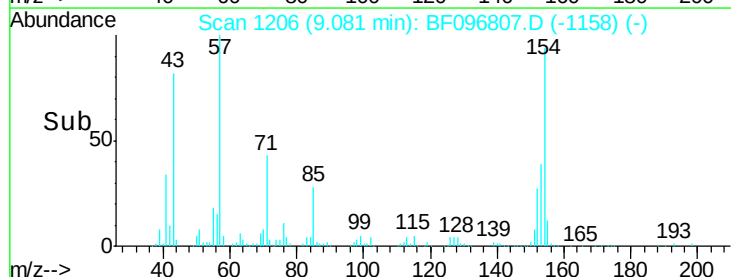
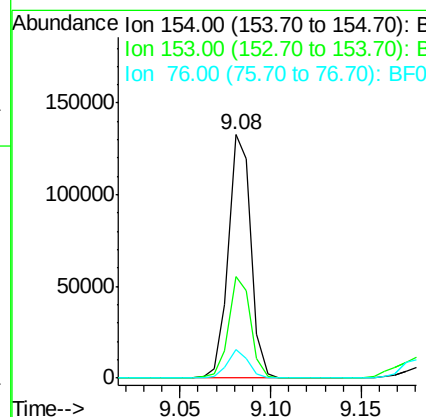
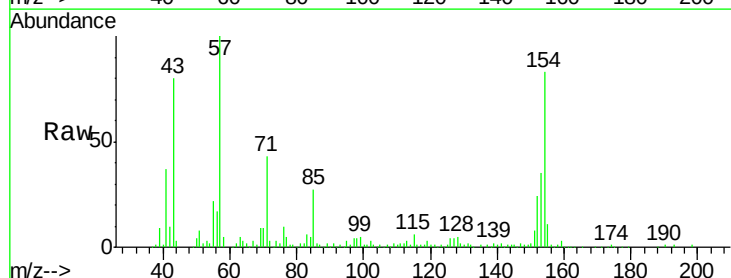
RT: 9.08 min Scan# 1206

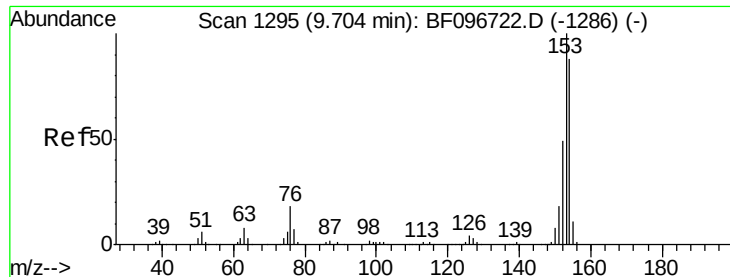
Delta R.T. -0.02 min

Lab File: BF096807.D

Acq: 15 Jul 2017 8:17

Tgt Ion:	154	Resp:	115327
Ion Ratio	Lower	Upper	
154	100		
153	41.5	21.2	61.2
76	11.9	0.0	29.9





#51

Acenaphthene

Concen: 8.822 ng

RT: 9.69 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF096807.D

Acq: 15 Jul 2017 8:17

Instrument :

BNA_F

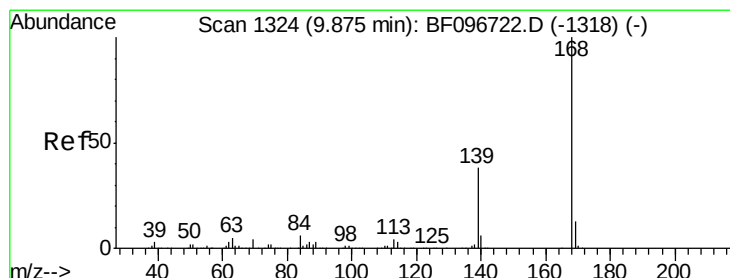
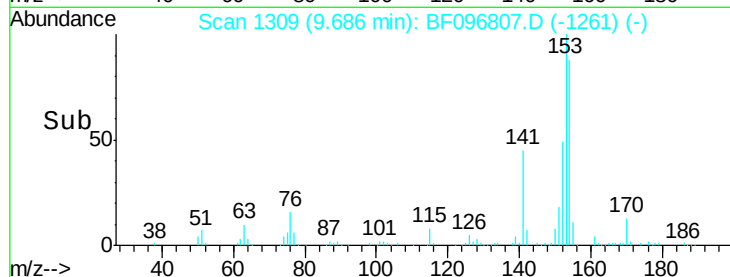
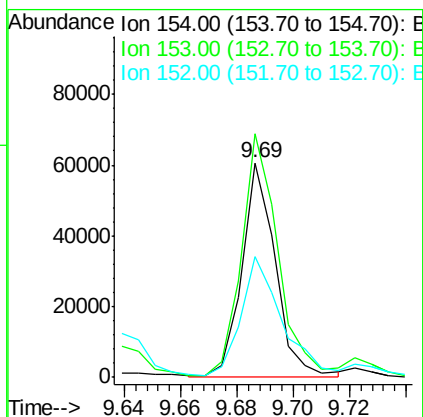
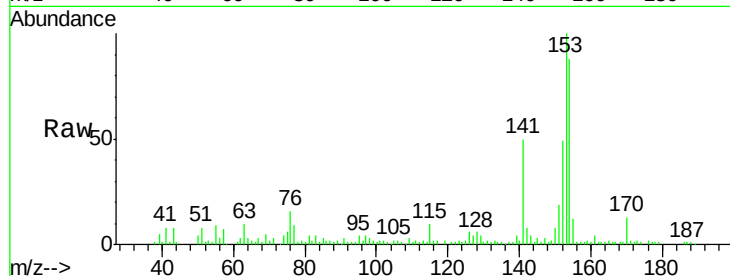
ClientSampleId :

E2-P6-ESWDL

Tgt Ion:	154	Resp:	50264
Ion Ratio	Lower	Upper	
154	100		
153	113.4	90.5	135.7
152	56.1	43.6	65.4

Manual Integrations
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#54

Dibenzofuran

Concen: 3.060 ng m

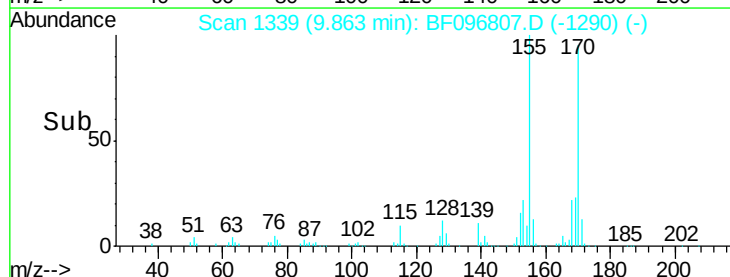
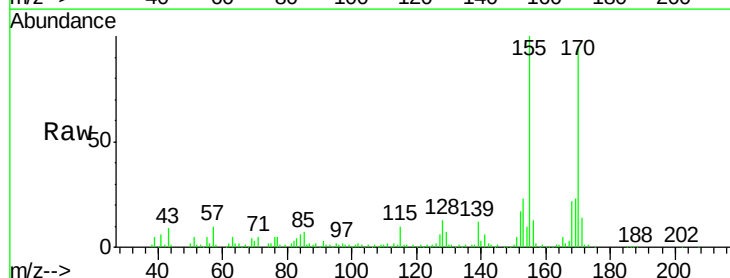
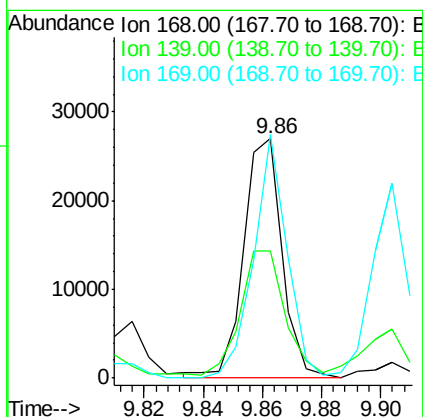
RT: 9.86 min Scan# 1339

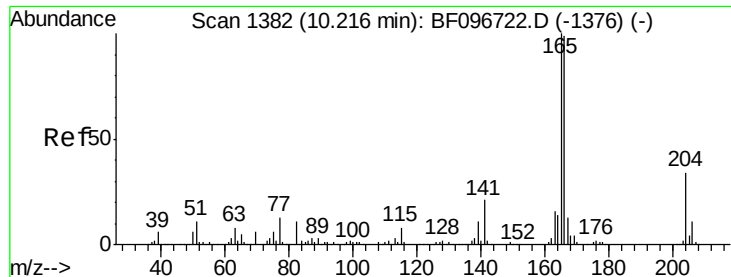
Delta R.T. -0.01 min

Lab File: BF096807.D

Acq: 15 Jul 2017 8:17

Tgt Ion:	168	Resp:	24428
Ion Ratio	Lower	Upper	
168	100		
139	52.9	30.6	45.8#
169	101.7	10.8	16.2#





#57

Fluorene

Concen: 4.064 ng

RT: 10.20 min Scan# 1396

Delta R.T. -0.02 min

Lab File: BF096807.D

Acq: 15 Jul 2017 8:17

Instrument :

BNA_F

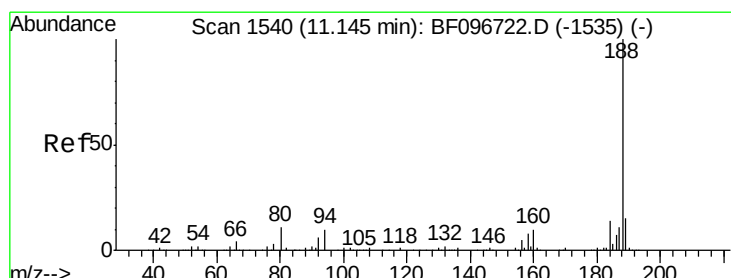
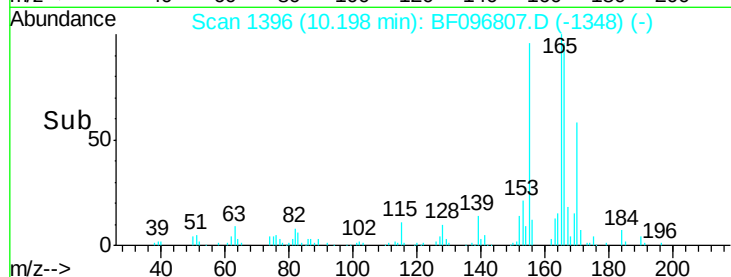
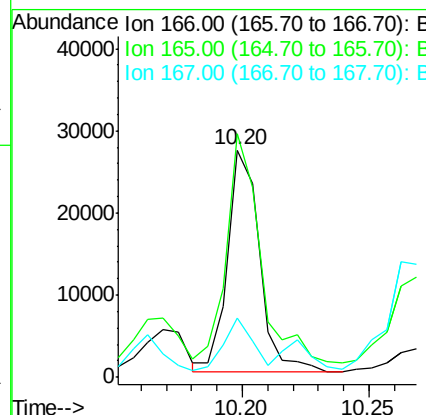
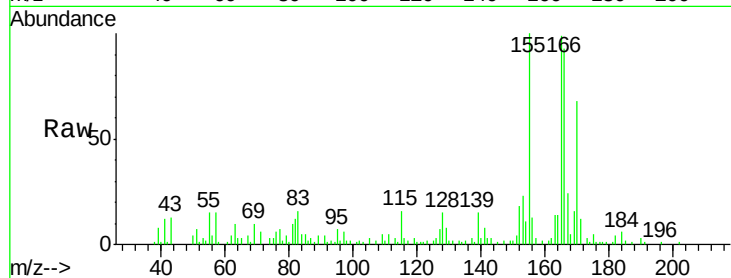
ClientSampleId :

E2-P6-ESWDL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	23976		
165	107.0	78.8	118.2	
167	26.0	10.6	16.0#	

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

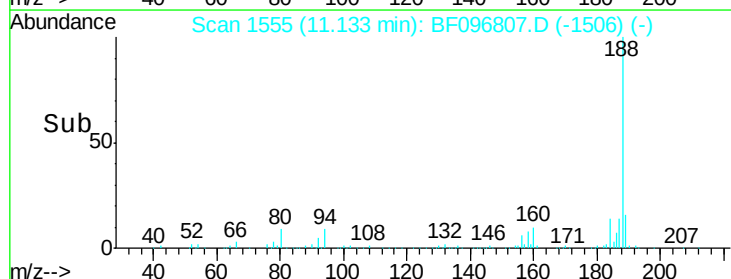
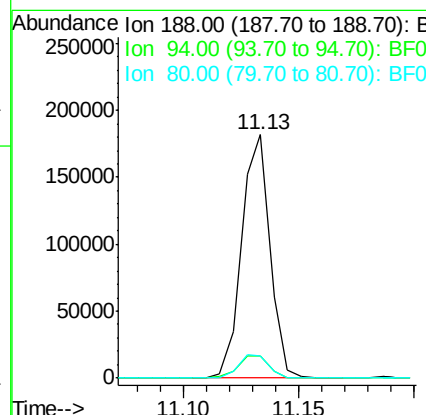
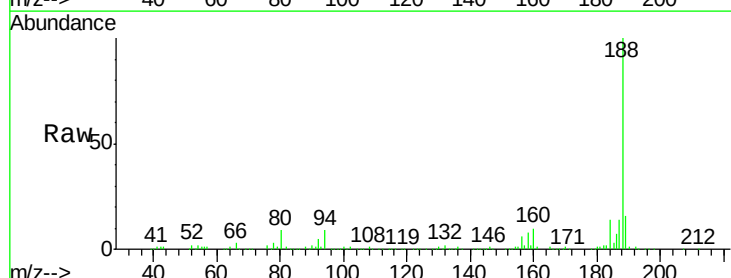
RT: 11.13 min Scan# 1555

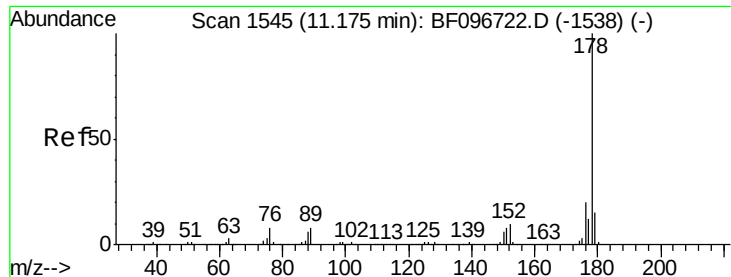
Delta R.T. -0.01 min

Lab File: BF096807.D

Acq: 15 Jul 2017 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	155832		
94	9.0	9.4	14.2#	
80	9.1	10.2	15.2#	





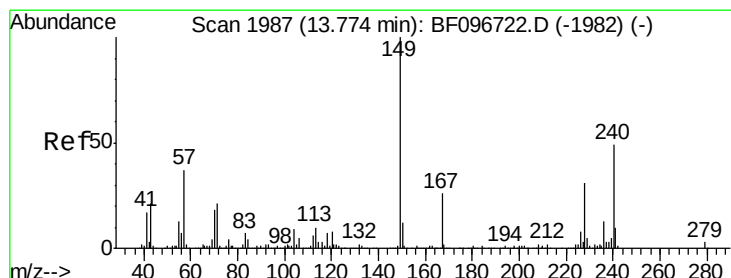
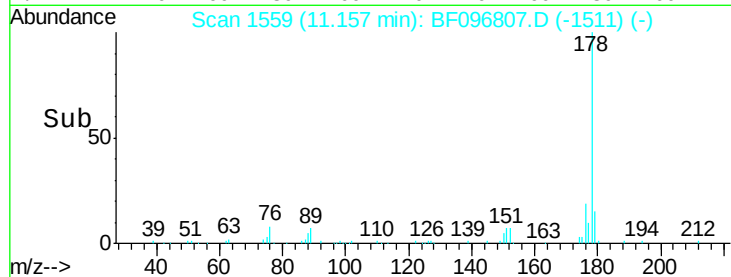
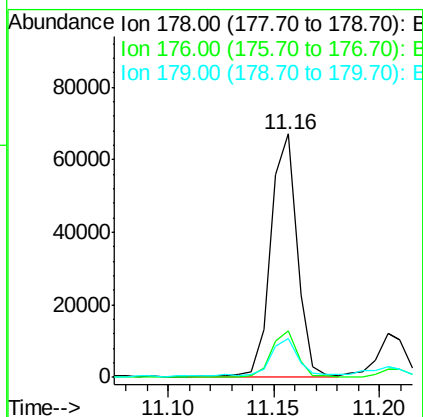
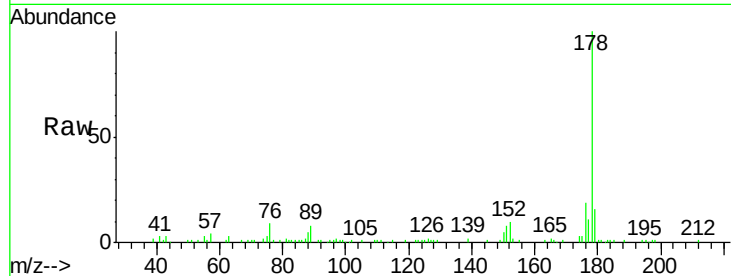
#70
Phenanthrene
Concen: 6.937 ng
RT: 11.16 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF096807.D
Acq: 15 Jul 2017 8:17

Instrument :
BNA_F
ClientSampleId :
E2-P6-ESWDL

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

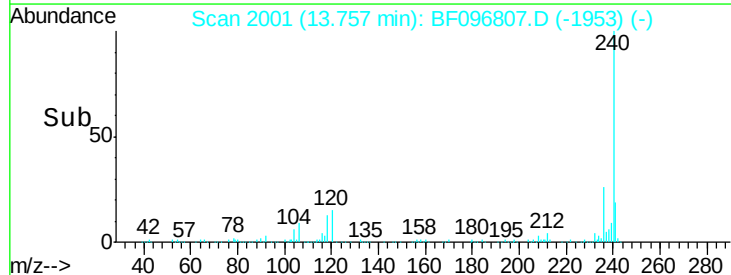
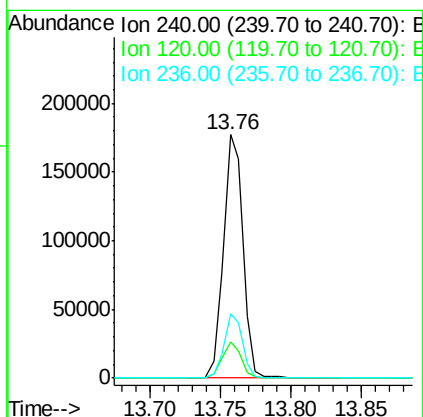
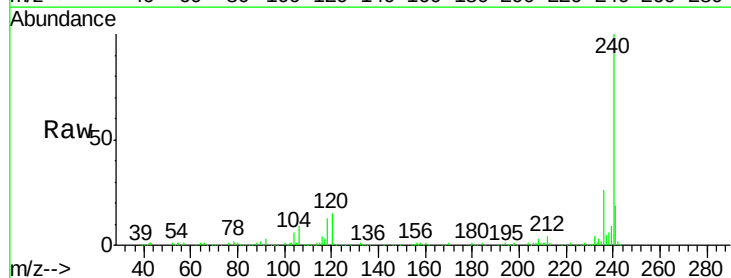
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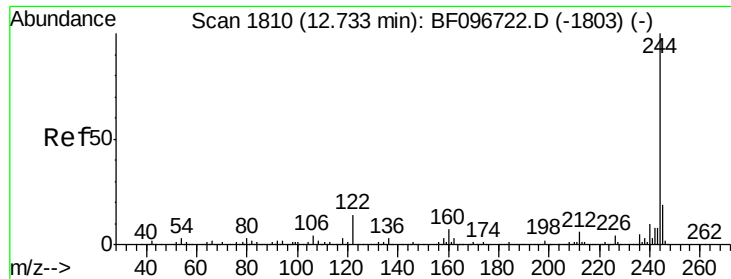
mohammad
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.76 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF096807.D
Acq: 15 Jul 2017 8:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	26.3	20.5	30.7





#78

Terphenyl-d14

Concen: 5.377 ng

RT: 12.72 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF096807.D

Acq: 15 Jul 2017 8:17

Instrument :

BNA_F

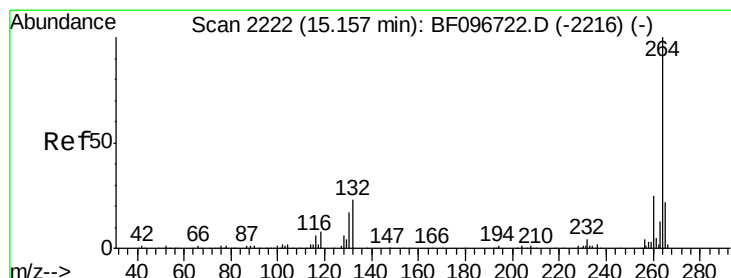
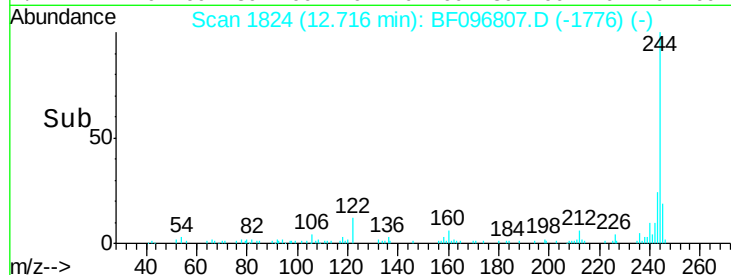
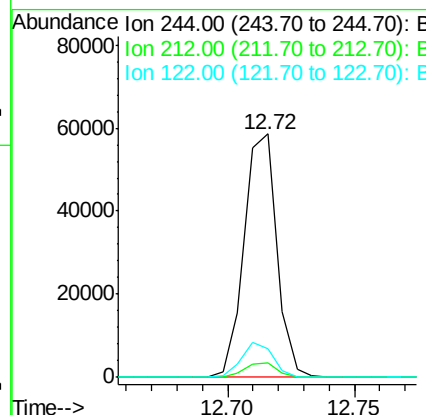
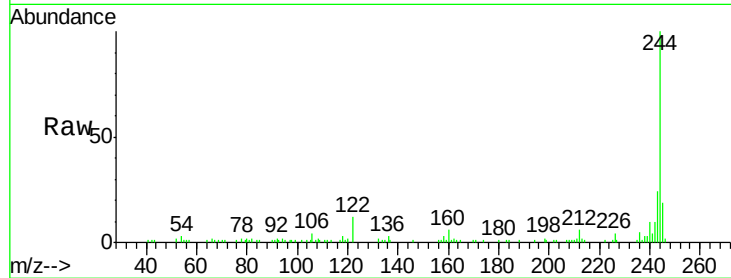
ClientSampleId :

E2-P6-ESWDL

Tgt Ion:	244	Resp:	52573
Ion Ratio	Lower	Upper	
244	100		
212	6.2	6.0	9.0
122	11.7	10.3	15.5

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.14 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BF096807.D

Acq: 15 Jul 2017 8:17

Tgt Ion:	264	Resp:	118257
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	21.1	17.2	25.8

