

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
 Data File : BF108898.D
 Acq On : 10 Sep 2018 17:37
 Operator : JU/SJ
 Sample : J4777-09 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-090718-E

Manual Integrations
 APPROVED

Sohil
 9/11/2018 9:26:25 AM

Quant Time: Sep 10 19:11:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	214825	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	774263	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	312504	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	491259	20.00	ng	0.00
75) Chrysene-d12	13.88	240	474447	20.00	ng	0.01
86) Perylene-d12	15.29	264	298613	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	194767	15.02	ng	0.00
7) Phenol-d6	6.37	99	246941	14.80	ng	0.00
23) Nitrobenzene-d5	7.30	82	137274	11.10	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	36615	12.27	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	267608	14.61	ng	0.00
78) Terphenyl-d14	12.83	244	217876	10.71	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.49	163	59705	2.732	ng	Qvalue # 97
74) Fluoranthene	12.45	202	189382	8.153	ng	99
77) Pyrene	12.68	202	266840	7.309	ng	99
80) Benzo(a)anthracene	13.87	228	109088	3.587	ng	91
82) Chrysene	13.90	228	108649m	3.691	ng	
87) Benzo(b)fluoranthene	14.89	252	134430m	8.279	ng	
88) Benzo(k)fluoranthene	14.91	252	39474m	2.640	ng	
89) Benzo(a)pyrene	15.23	252	83720	5.714	ng	# 85
91) Benzo(g,h,i)perylene	17.07	276	52402	4.054	ng	94

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

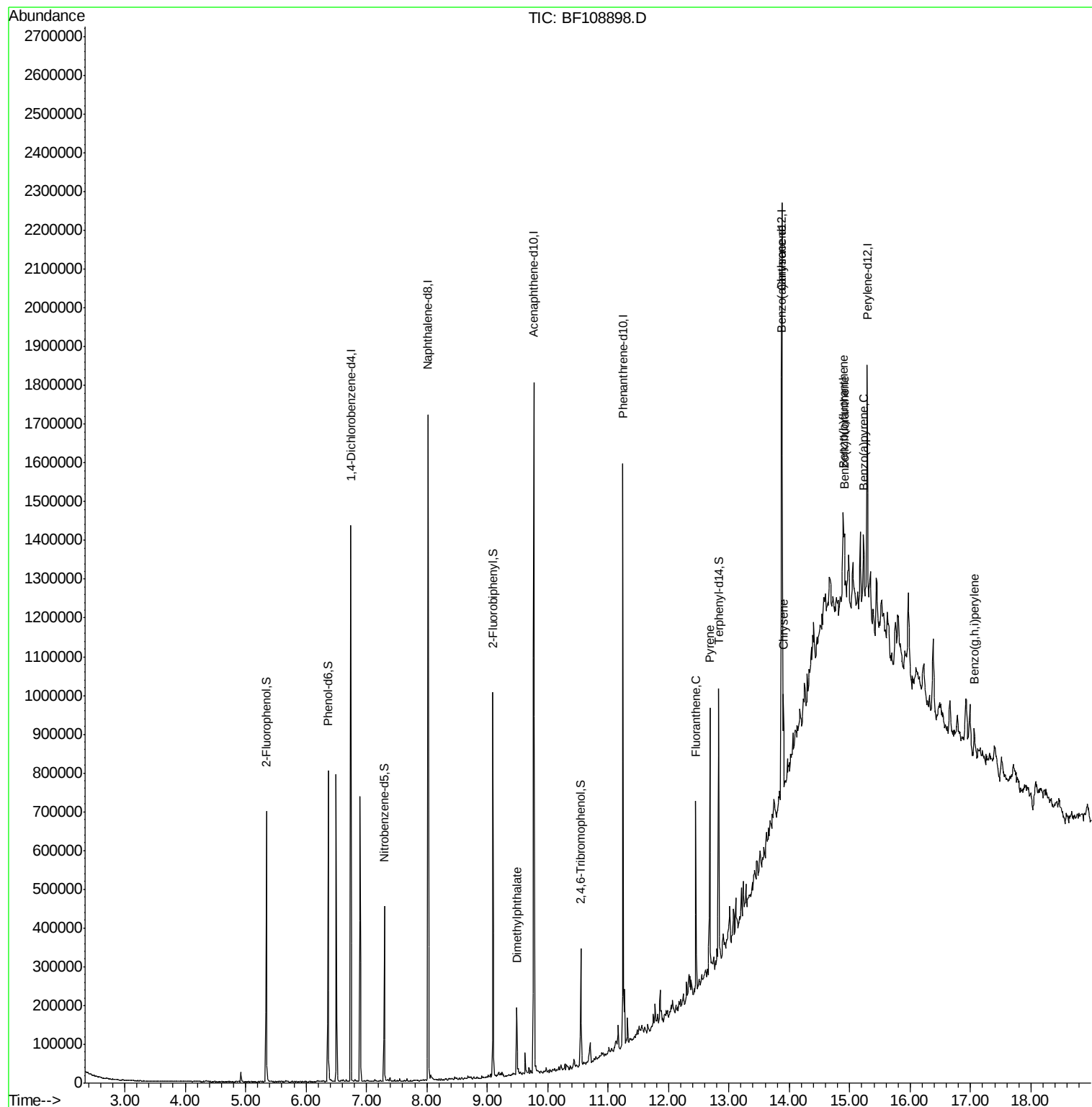
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108898.D
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Operator : JU/SJ
Sample : J4777-09 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

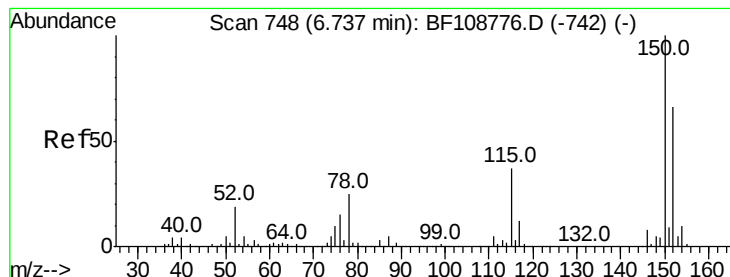
Instrument :
BNA_F
ClientSampleId :
PL-05-090718-E

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration





#1

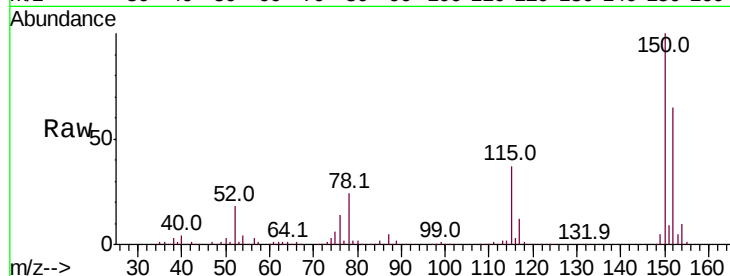
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF108898.D
Acq: 10 Sep 2018 17:37

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-E

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.6	186.8
115	56.2	50.1	75.1

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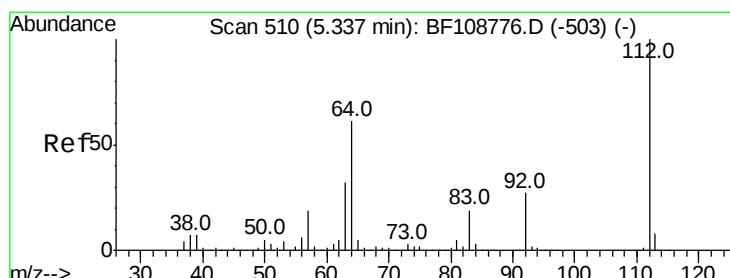
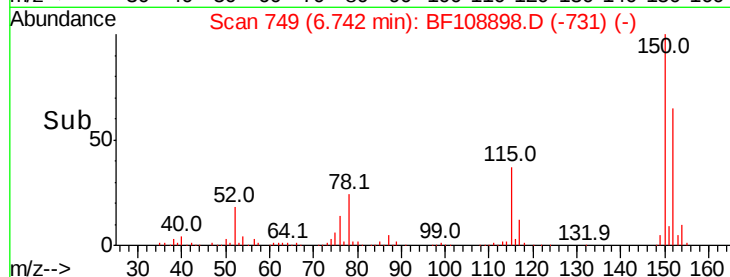
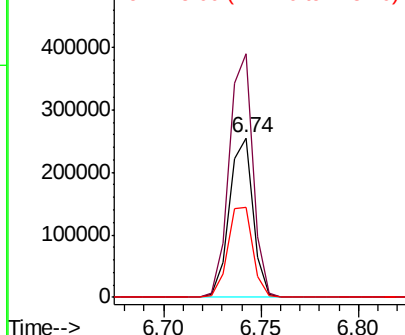


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

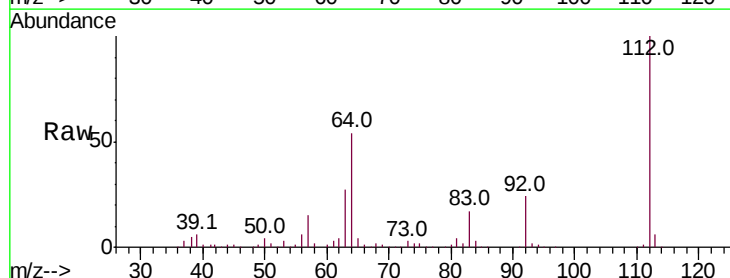
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 15.020 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108898.D
Acq: 10 Sep 2018 17:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.9	71.9
63	27.1	23.7	35.5

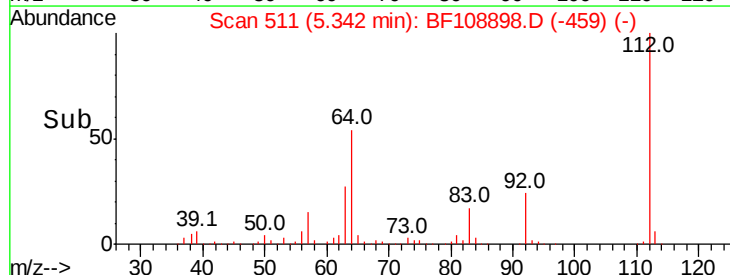
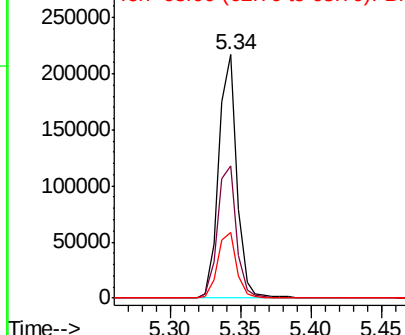


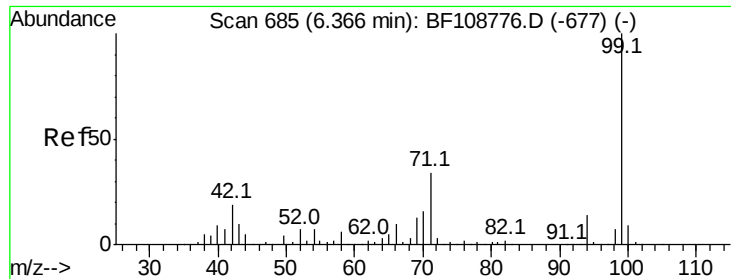
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 14.801 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108898.D

Acq: 10 Sep 2018 17:37

Instrument :

BNA_F

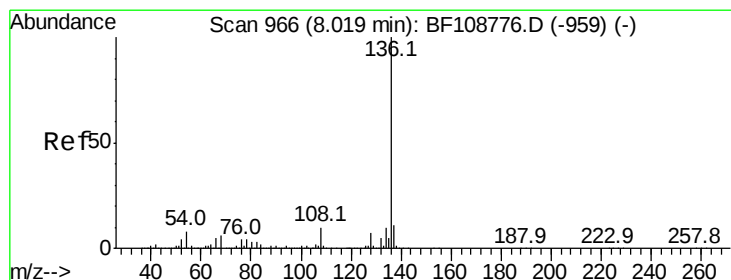
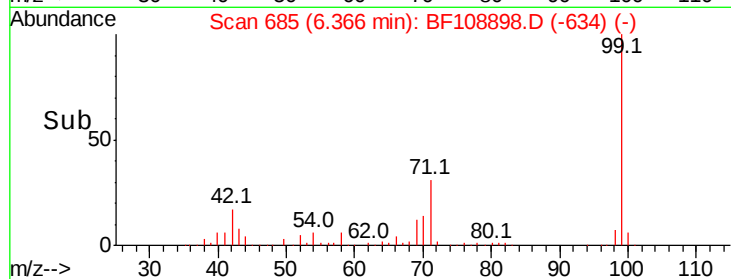
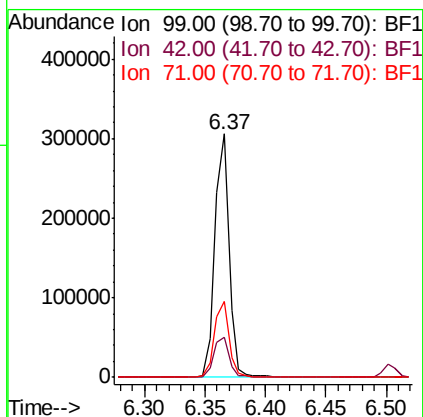
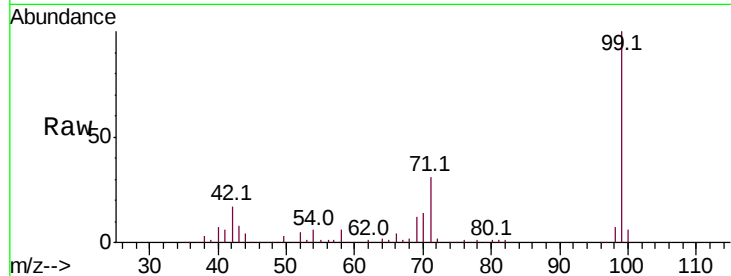
ClientSampleId :

PL-05-090718-E

Tot Ion:	99	Resp:	246941
Ion Ratio	Lower	Upper	
99	100		
42	16.6	14.5	21.7
71	31.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

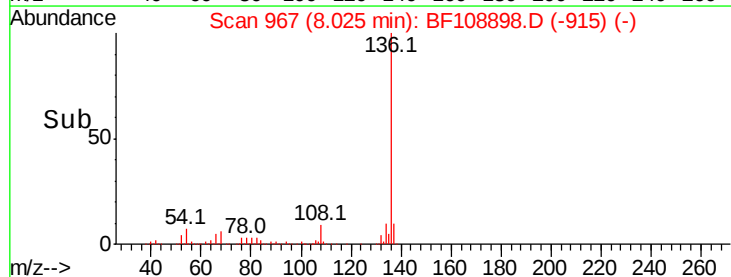
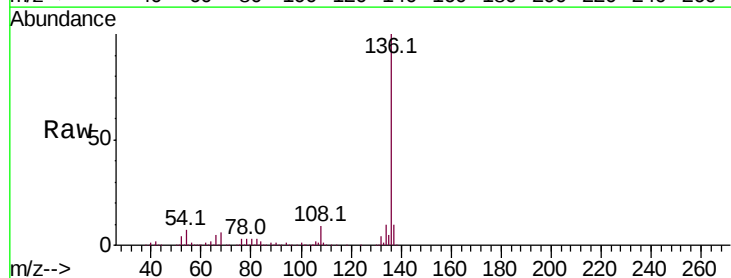
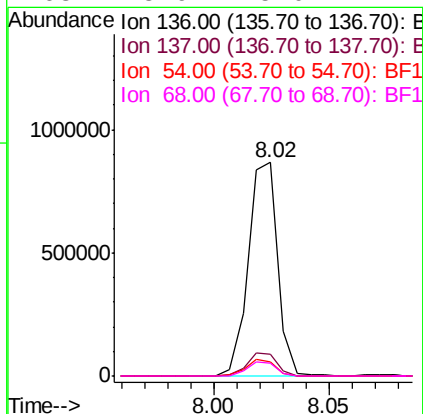
RT: 8.02 min Scan# 967

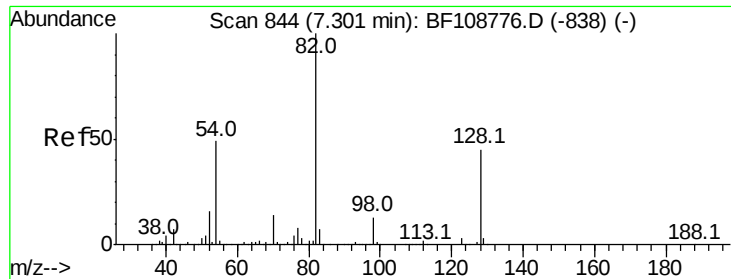
Delta R.T. 0.01 min

Lab File: BF108898.D

Acq: 10 Sep 2018 17:37

Tgt Ion:	136	Resp:	774263
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4





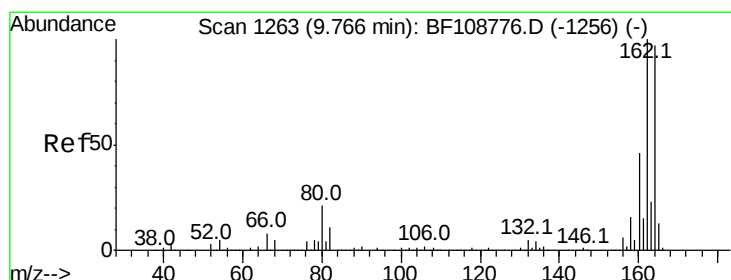
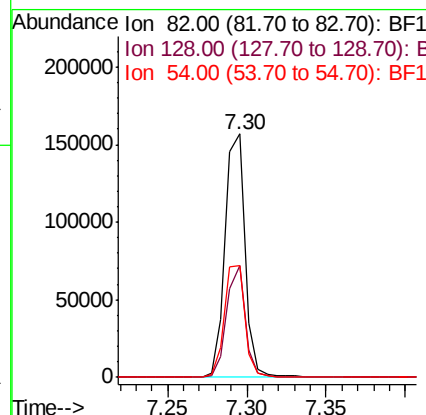
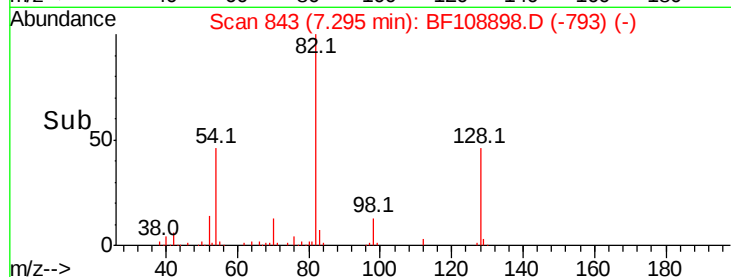
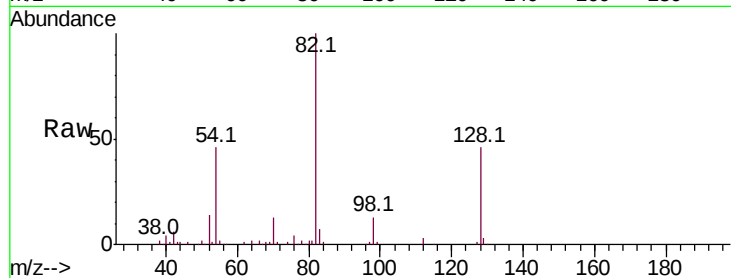
#23
 Nitrobenzene-d5
 Concen: 11.095 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF108898.D
 Acq: 10 Sep 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-090718-E

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	46.1	41.4	62.2

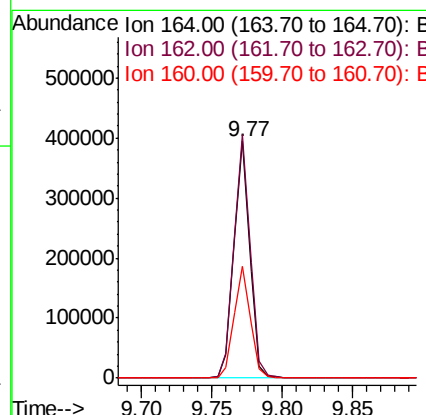
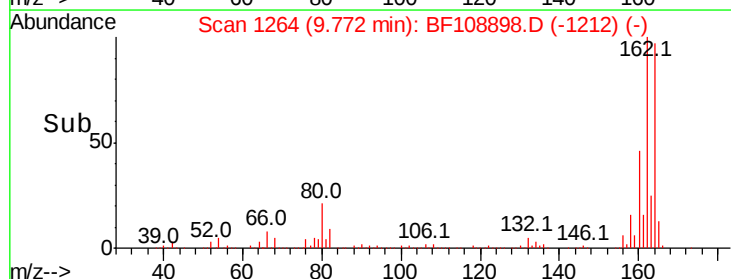
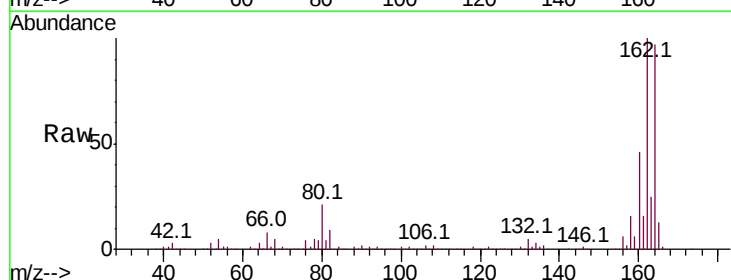
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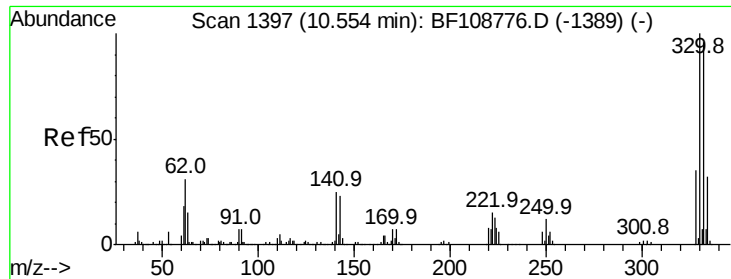
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF108898.D
 Acq: 10 Sep 2018 17:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	47.1	38.3	57.5





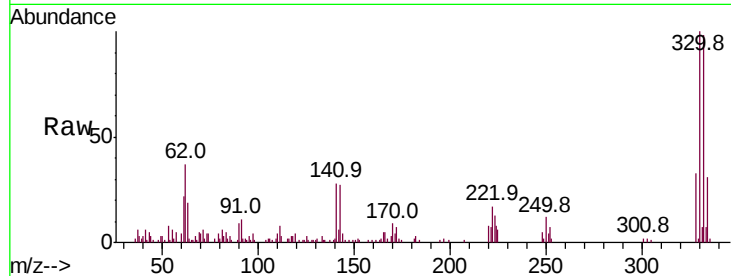
#41
 2,4,6-Tribromophenol
 Concen: 12.273 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108898.D
 Acq: 10 Sep 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-090718-E

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	77.0	115.6	
141	38.4	29.9	44.9	

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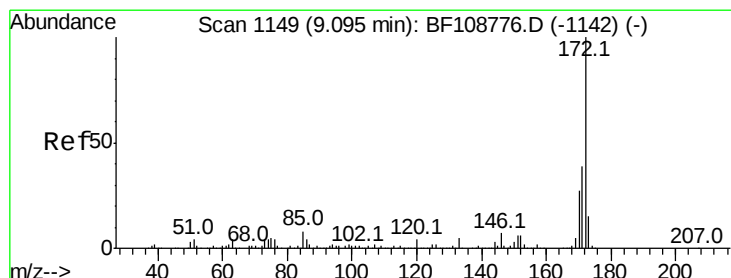
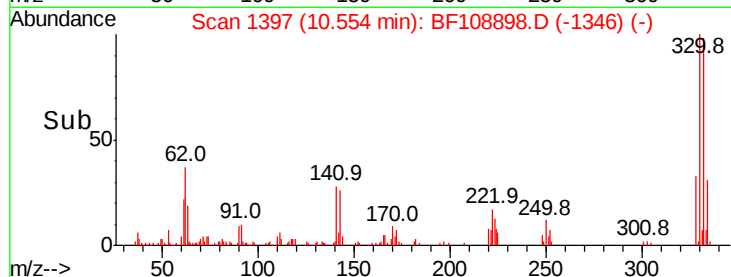
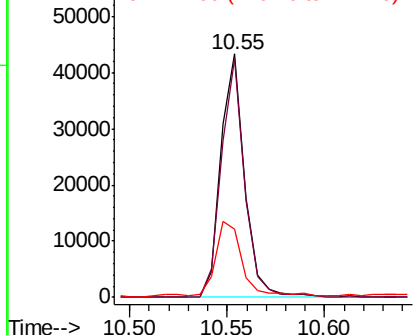


Abundance

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: 14.609 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108898.D
 Acq: 10 Sep 2018 17:37

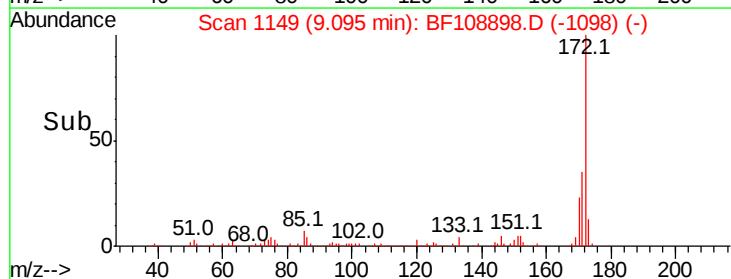
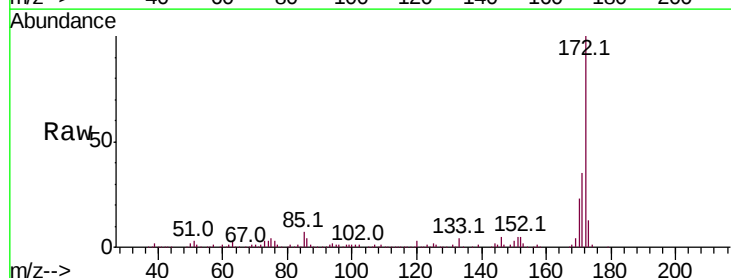
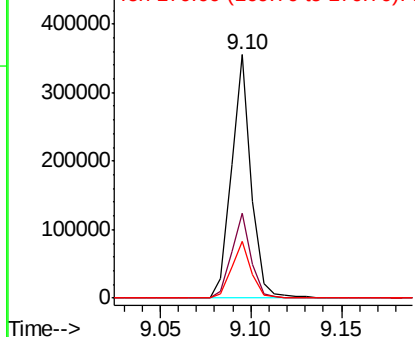
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.8	29.7	44.5	
170	23.1	19.6	29.4	

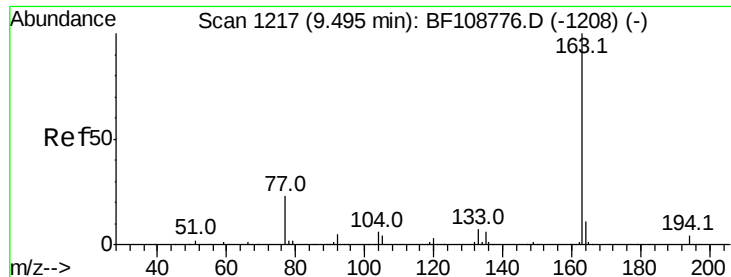
Abundance

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





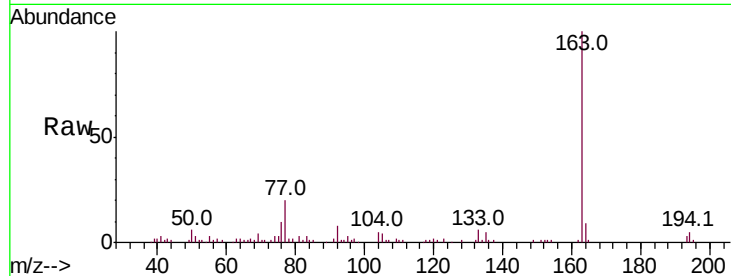
#49
Dimethylphthalate
Concen: 2.732 ng
RT: 9.49 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF108898.D
Acq: 10 Sep 2018 17:37

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-E

Tot Ion	Ratio	Resp	Lower	Upper
163	100	59705		
194	4.7		2.7	4.1#
164	9.2		8.2	12.2

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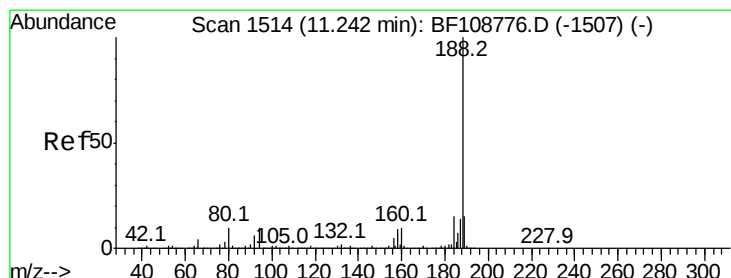
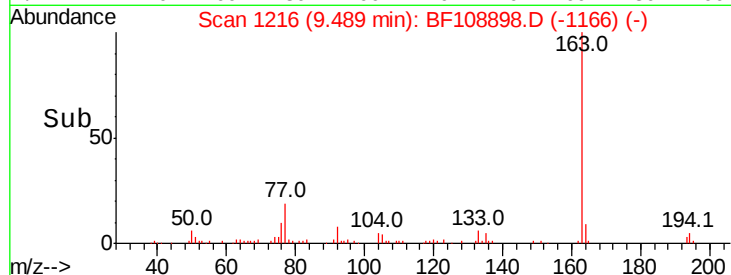
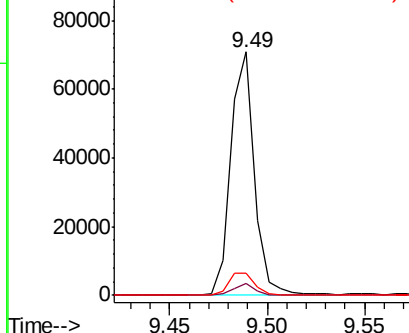


Abundance

Ion 163.00 (162.70 to 163.70): E

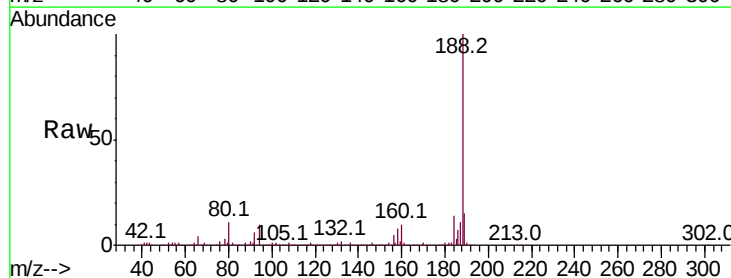
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108898.D
Acq: 10 Sep 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	491259		
94	10.5		8.5	12.7
80	11.1		9.2	13.8

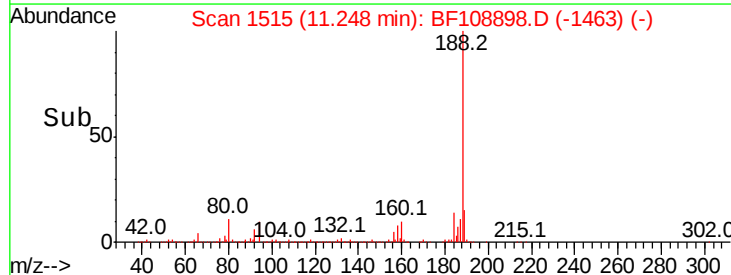
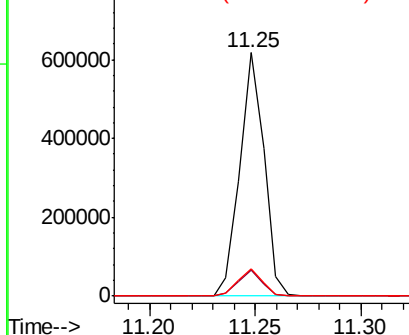


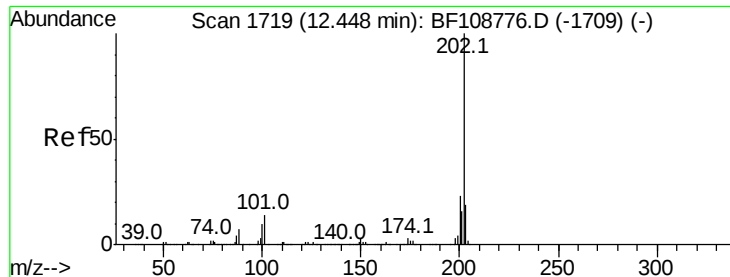
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 8.153 ng

RT: 12.45 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BF108898.D

Acq: 10 Sep 2018 17:37

Instrument :

BNA_F

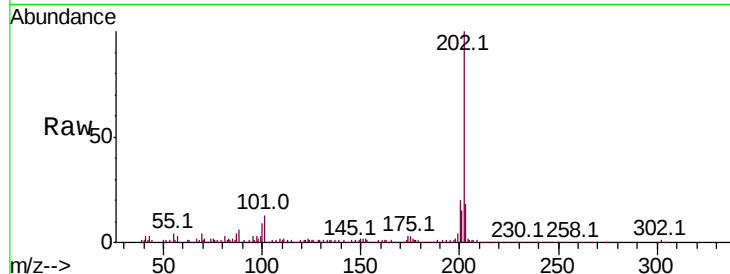
ClientSampleId :

PL-05-090718-E

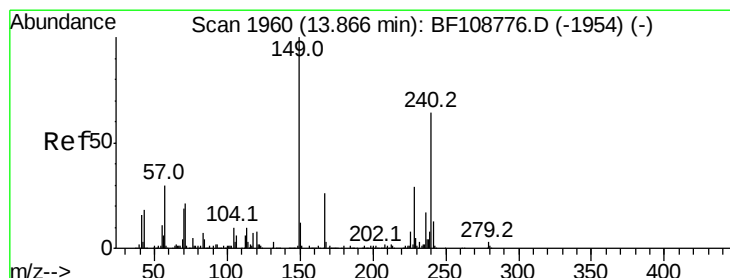
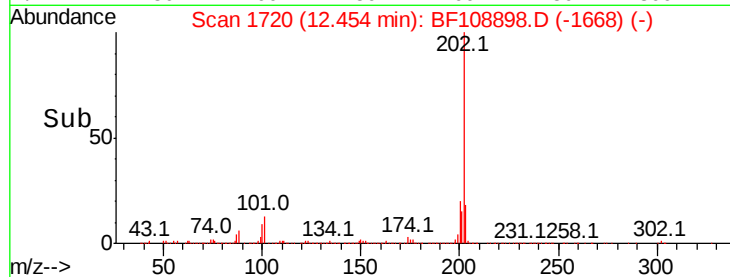
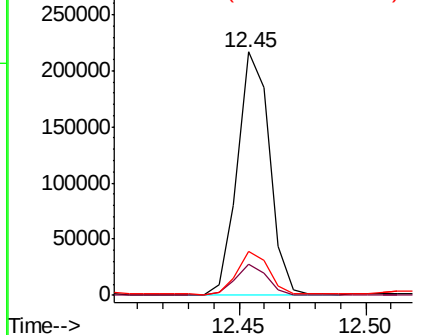
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.0	0.0	34.1
203	18.1	0.0	38.1

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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: 13.88 min Scan# 1962

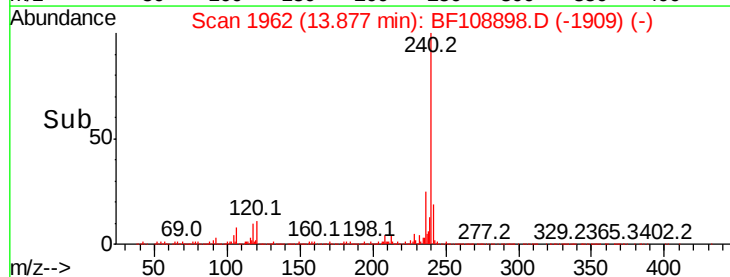
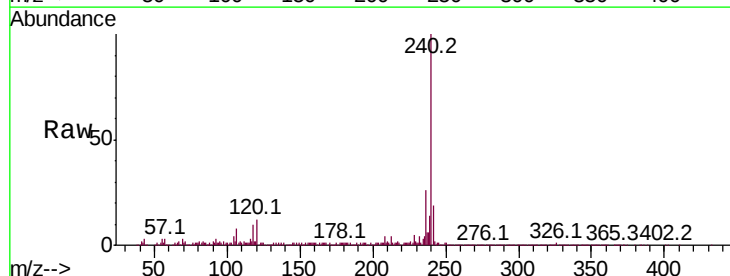
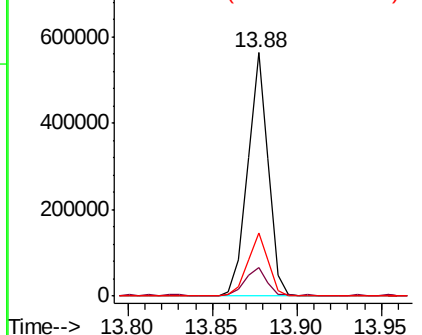
Delta R.T. 0.01 min

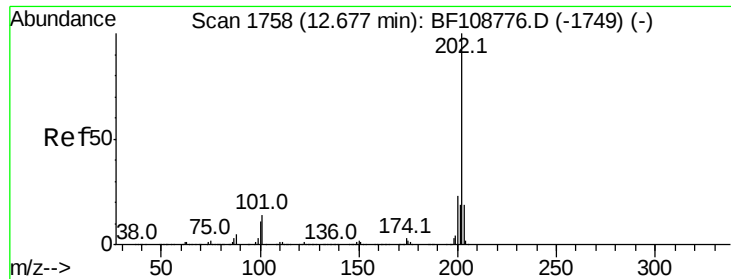
Lab File: BF108898.D

Acq: 10 Sep 2018 17:37

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.8	20.7	31.1

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: 7.309 ng

RT: 12.68 min Scan# 1759

Delta R.T. 0.01 min

Lab File: BF108898.D

Acq: 10 Sep 2018 17:37

Instrument :

BNA_F

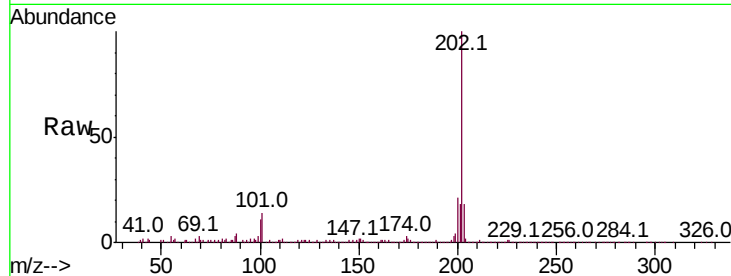
ClientSampleId :

PL-05-090718-E

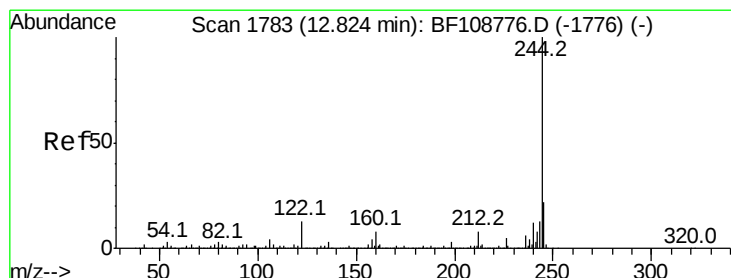
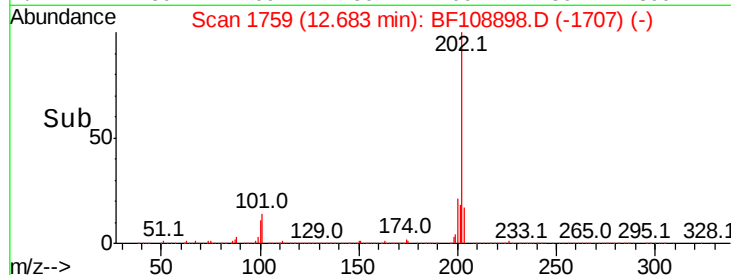
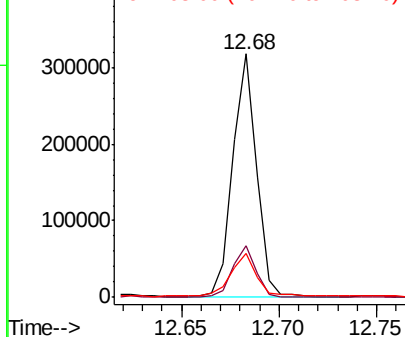
Tot Ion:	202	Resp:	266840
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.4	26.2
203	17.9	14.3	21.5

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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: 10.709 ng

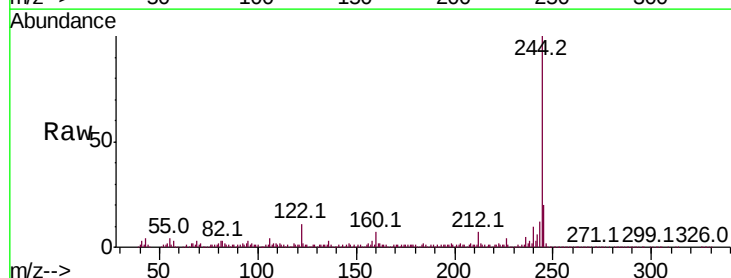
RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

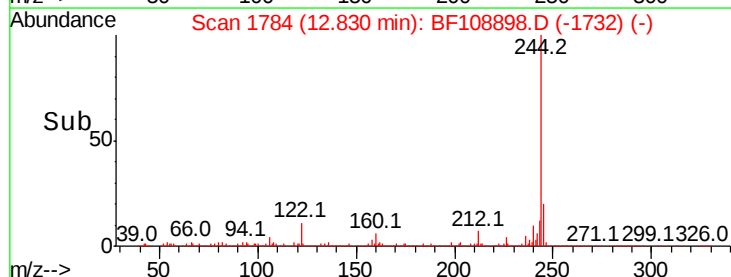
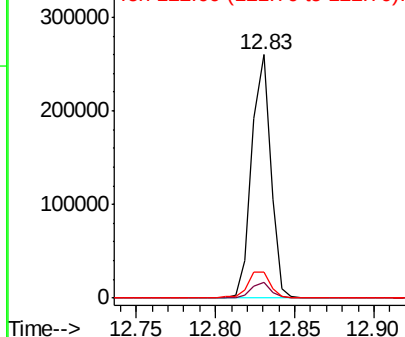
Lab File: BF108898.D

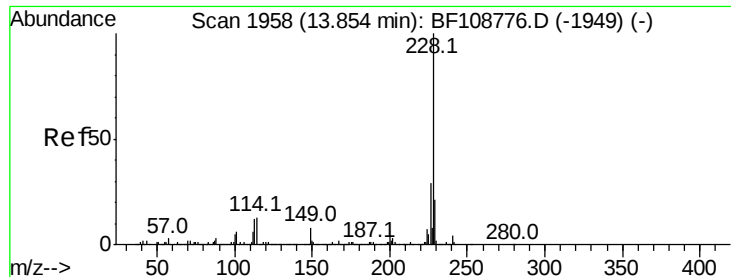
Acq: 10 Sep 2018 17:37

Tgt Ion:	244	Resp:	217876
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	10.9	11.0	16.4#



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





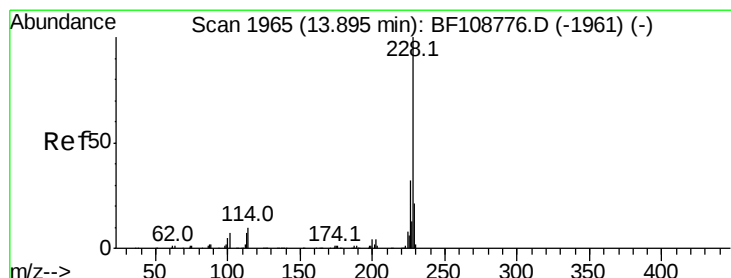
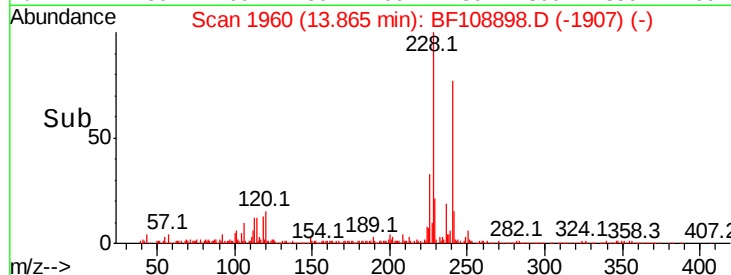
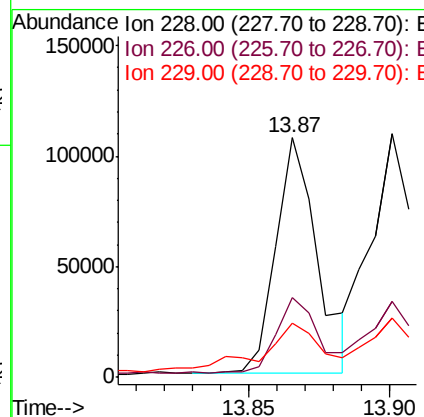
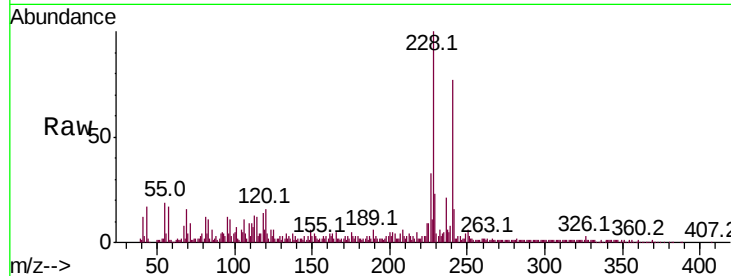
#80
Benzo(a)anthracene
Concen: 3.587 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BF108898.D
Acq: 10 Sep 2018 17:37

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-E

Tot Ion	Ratio	Resp	Lower	Upper
228	100	109088		
226	33.4		22.6	33.8
229	22.8		15.8	23.6

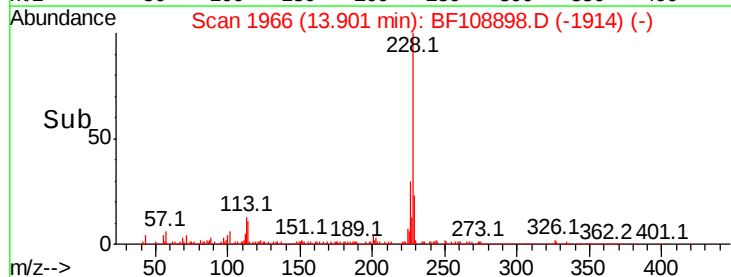
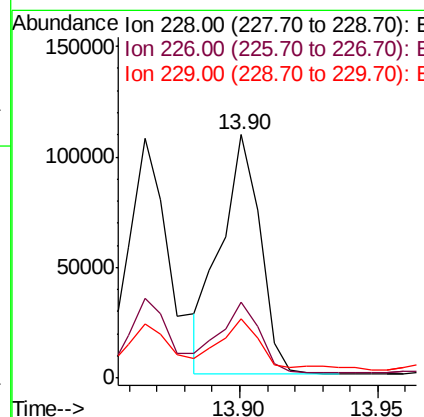
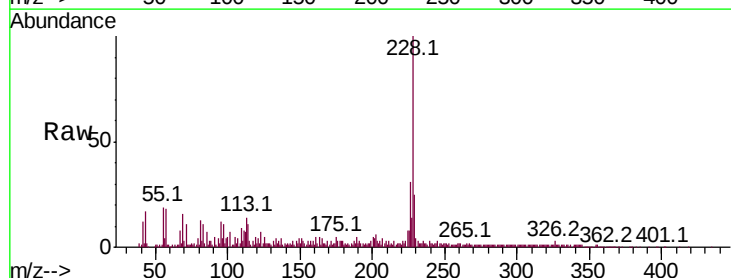
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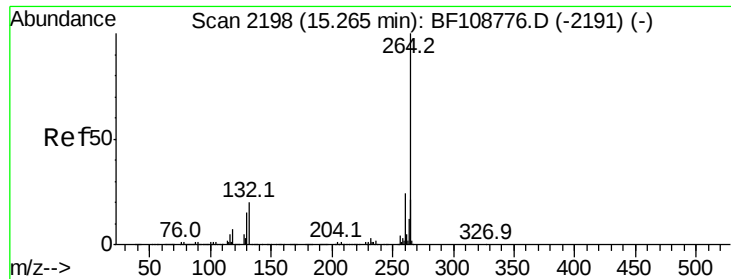
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#82
Chrysene
Concen: 3.691 ng m
RT: 13.90 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BF108898.D
Acq: 10 Sep 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	108649		
226	31.1		25.0	37.6
229	24.6		16.2	24.4#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2202

Delta R.T. 0.02 min

Lab File: BF108898.D

Acq: 10 Sep 2018 17:37

Instrument :

BNA_F

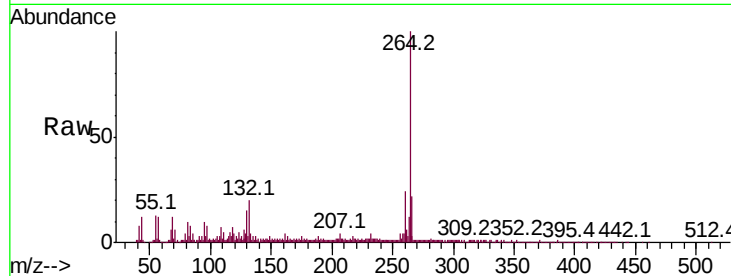
ClientSampleId :

PL-05-090718-E

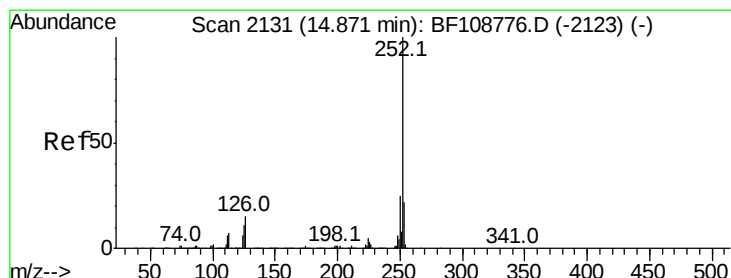
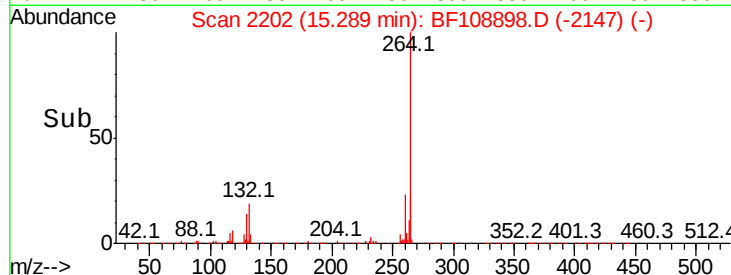
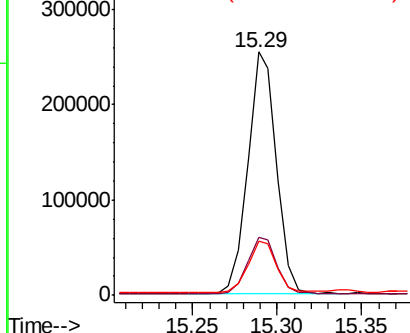
Tot Ion:	264	Resp:	298613
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	22.2	17.5	26.3

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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: 8.279 ng m

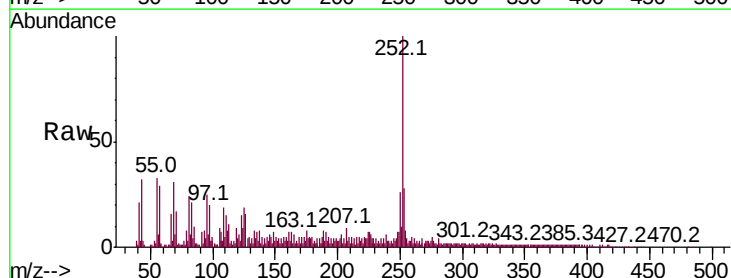
RT: 14.89 min Scan# 2134

Delta R.T. 0.02 min

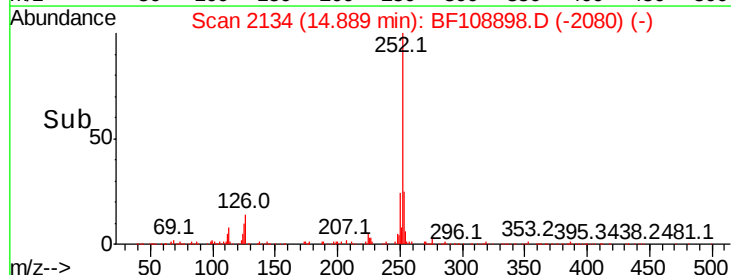
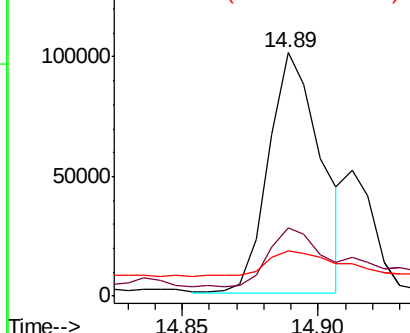
Lab File: BF108898.D

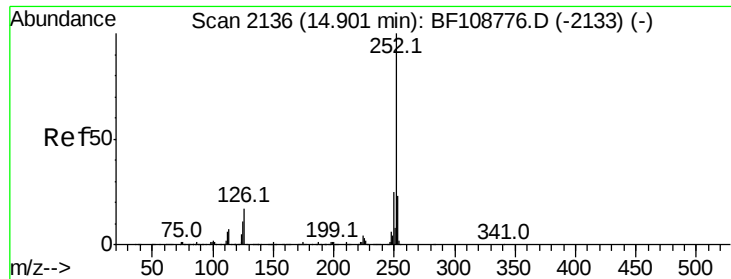
Acq: 10 Sep 2018 17:37

Tgt Ion:	252	Resp:	134430
Ion Ratio	Lower	Upper	
252	100		
253	28.3	17.0	25.6#
125	18.8	9.0	13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





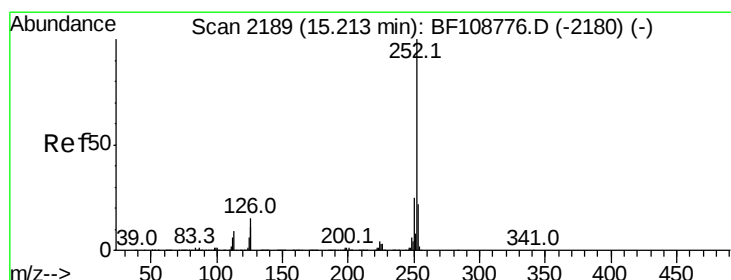
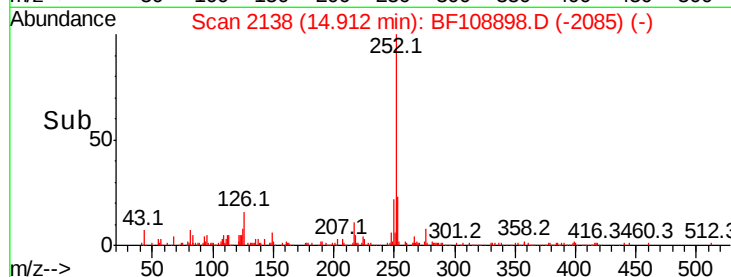
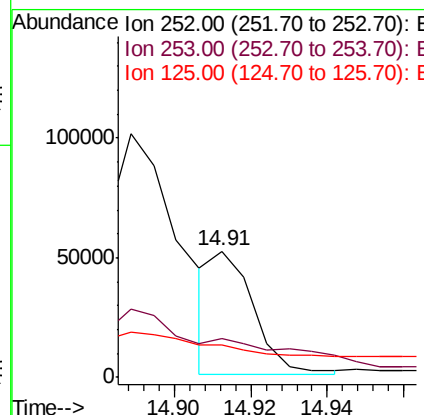
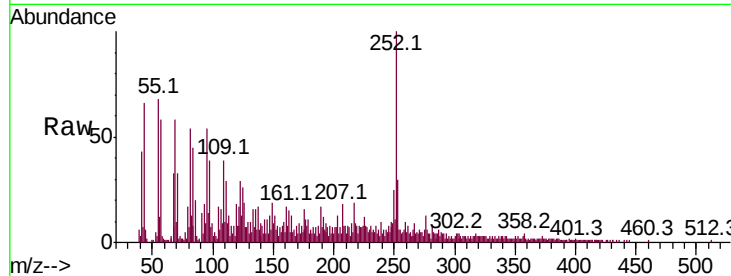
#88
Benzo(k)fluoranthene
Concen: 2.640 ng m
RT: 14.91 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BF108898.D
Acq: 10 Sep 2018 17:37

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-E

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.5	17.9	26.9#
125	25.8	10.2	15.2#

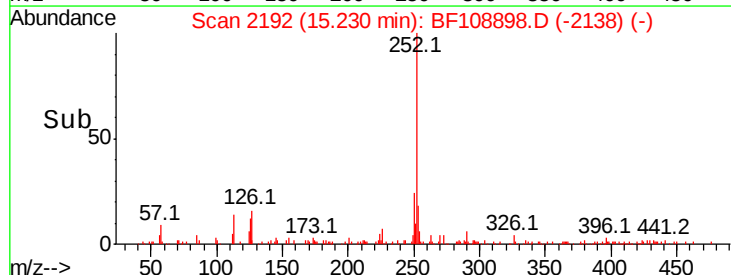
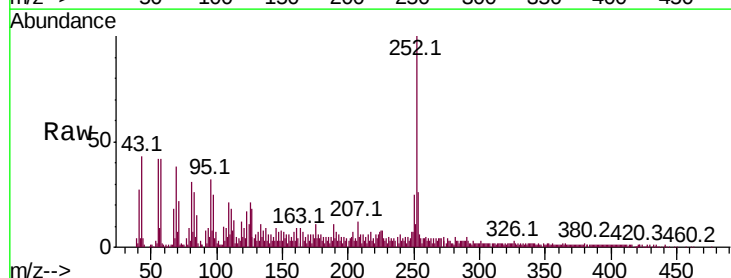
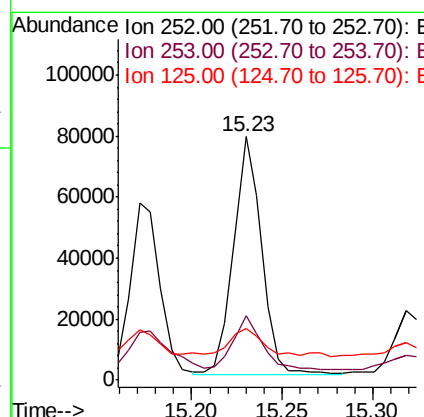
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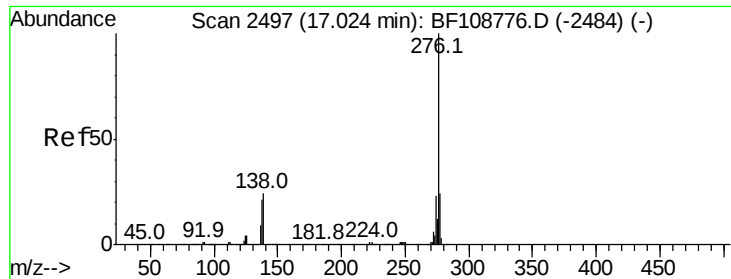
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#89
Benzo(a)pyrene
Concen: 5.714 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.02 min
Lab File: BF108898.D
Acq: 10 Sep 2018 17:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.1	25.7#
125	21.2	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 4.054 ng
 RT: 17.07 min Scan# 2504
 Delta R.T. 0.04 min
 Lab File: BF108898.D
 Acq: 10 Sep 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-090718-E

Tot Ion:	276	Resp:	52402
Ion Ratio	Lower	Upper	
276	100		
277	26.8	17.9	26.9
138	28.8	21.8	32.8

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