

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108817.D
 Acq On : 6 Sep 2018 11:11
 Operator : JU/SJ
 Sample : J4791-03DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-#12DL

Manual Integrations
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 9/6/2018 4:46:21 PM

Quant Time: Sep 06 13:31:11 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	287993	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1083504	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	461067	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	714956	20.00	ng	0.00
75) Chrysene-d12	13.87	240	542850	20.00	ng	0.00
86) Perylene-d12	15.28	264	526776	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	131174	7.55	ng	0.00
7) Phenol-d6	6.35	99	173092	7.74	ng	-0.01
23) Nitrobenzene-d5	7.29	82	92540	5.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	25460	5.78	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	195367	7.23	ng	0.00
78) Terphenyl-d14	12.82	244	145433	6.25	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	67621	2.097	ng	99
70) Phenanthrene	11.27	178	68566	2.008	ng	96
74) Fluoranthene	12.45	202	123468	3.652	ng	97
77) Pyrene	12.67	202	121751	2.915	ng	97
79) Butylbenzylphthalate	13.30	149	50197	2.669	ng	95
83) Bis(2-ethylhexyl)phthalate	13.87	149	1863034	78.810	ng	98
87) Benzo(b)fluoranthene	14.88	252	70425m	2.459	ng	

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

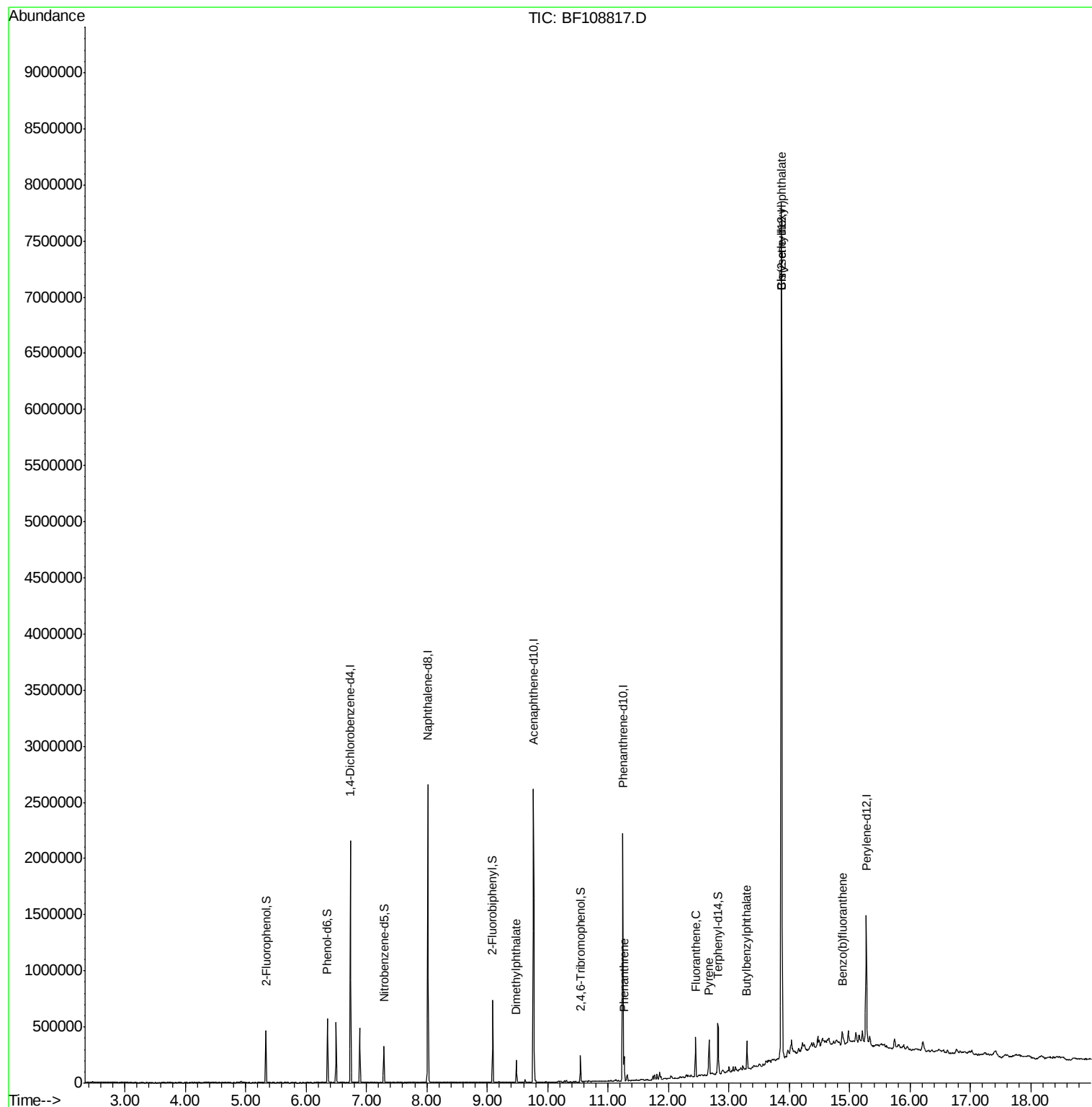
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108817.D
Acq On : 6 Sep 2018 11:11
Operator : JU/SJ
Sample : J4791-03DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

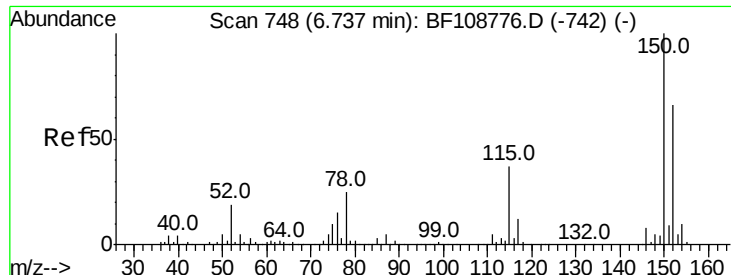
Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-#12DL

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Quant Time: Sep 06 13:31:11 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





#1

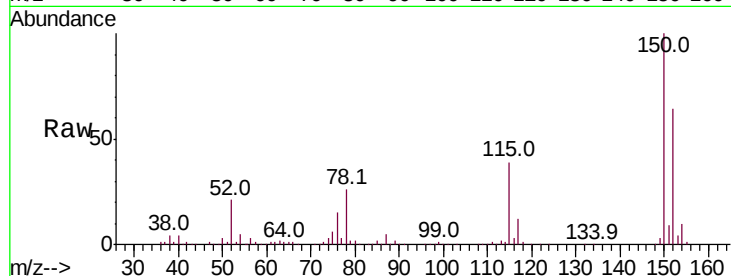
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-#12DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	60.3	50.1	75.1

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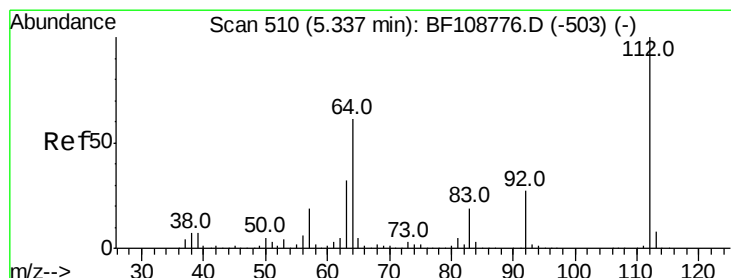
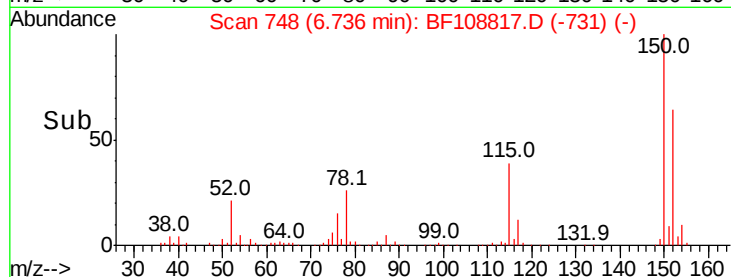
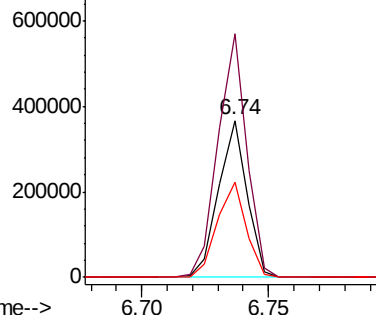


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

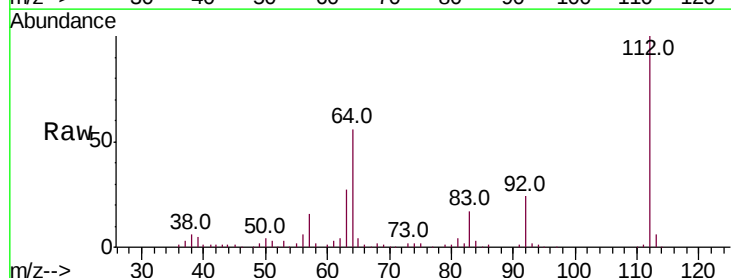
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 7.546 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	27.2	23.7	35.5

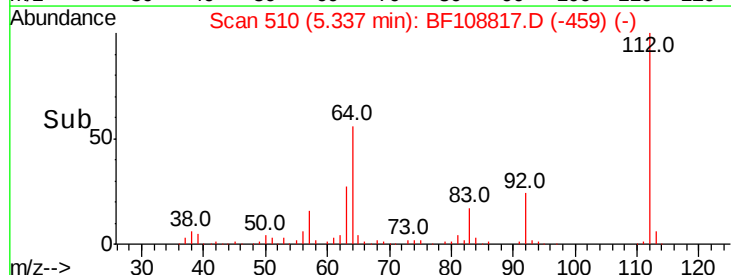
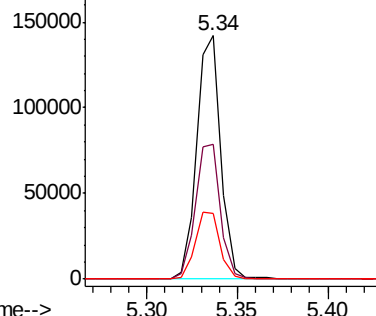


Abundance

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: 7.739 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF108817.D

Acq: 6 Sep 2018 11:11

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-#12DL

Tot Ion: 99 Resp: 173092

Ion Ratio Lower Upper

99 100

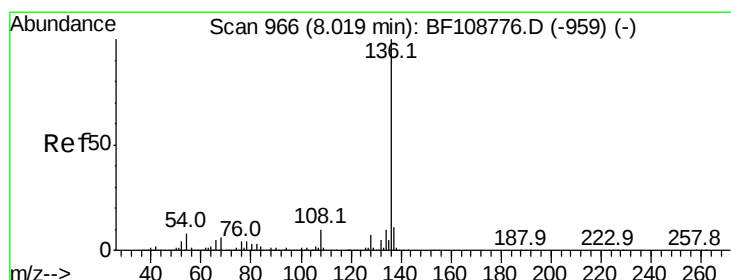
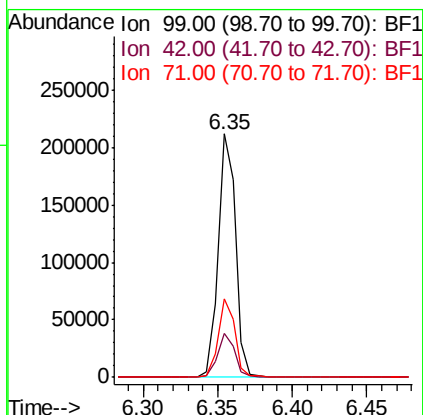
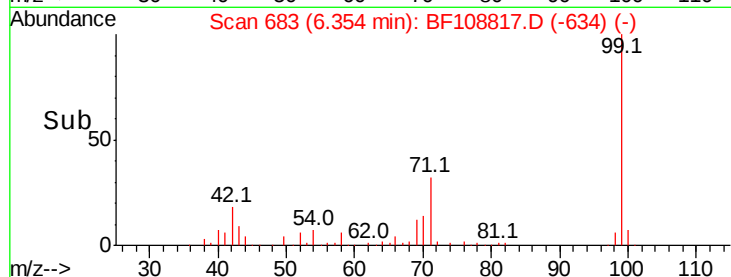
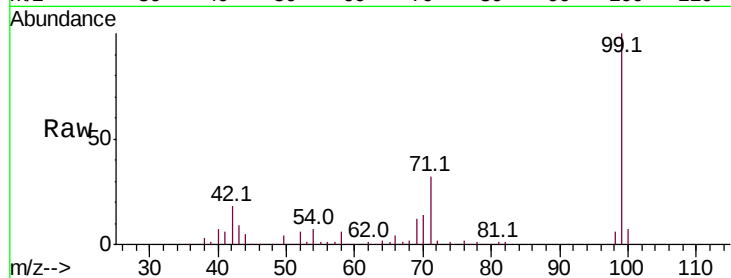
42 17.9 14.5 21.7

71 32.1 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108817.D

Acq: 6 Sep 2018 11:11

Tgt Ion:136 Resp: 1083504

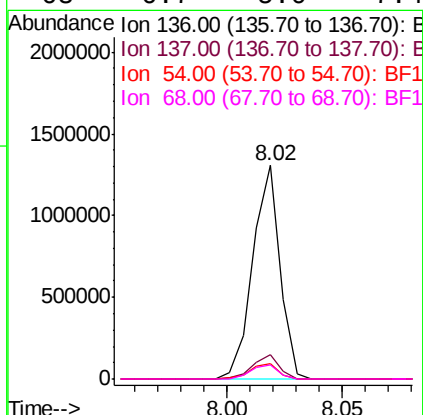
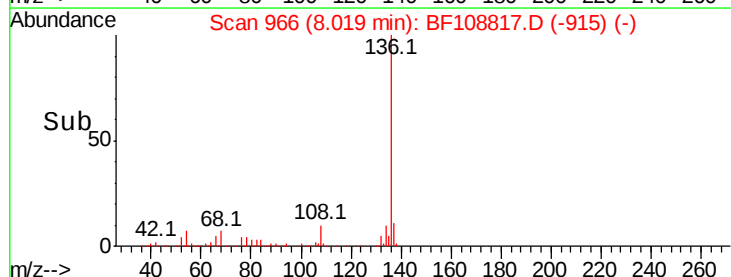
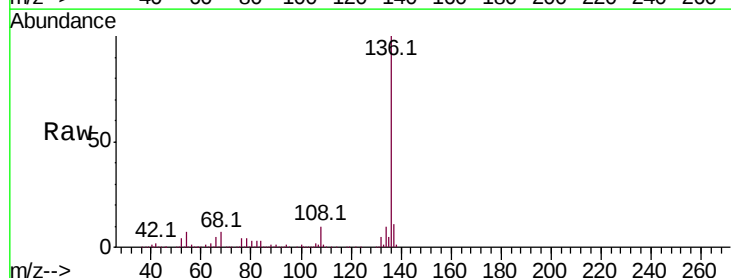
Ion Ratio Lower Upper

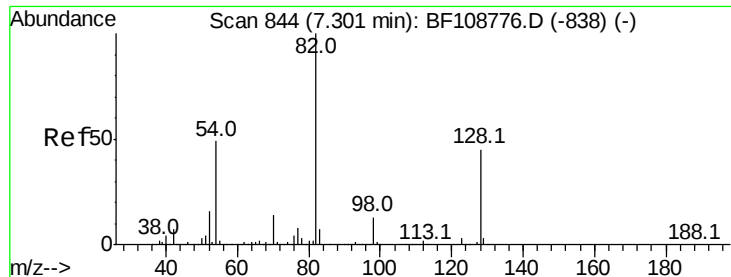
136 100

137 11.3 8.9 13.3

54 7.5 6.6 9.8

68 6.7 5.0 7.4





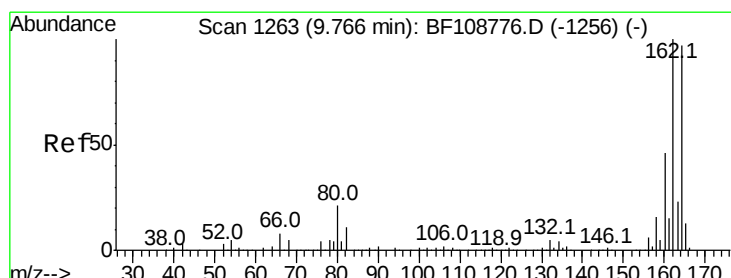
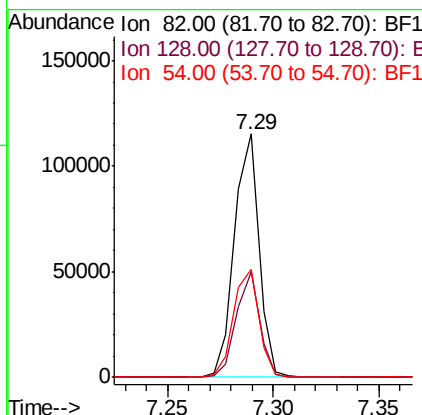
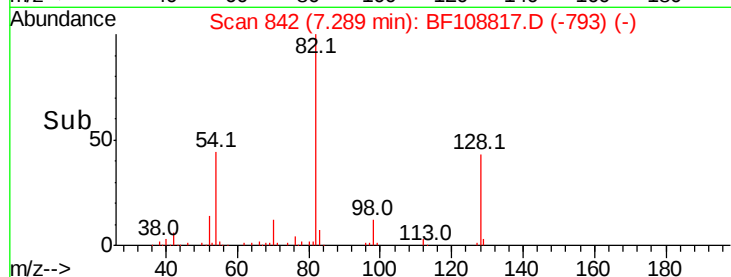
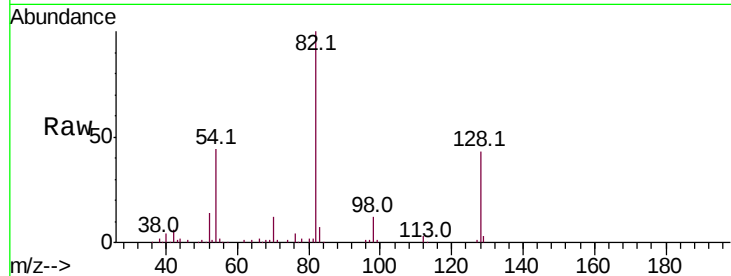
#23
 Nitrobenzene-d5
 Concen: 5.345 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108817.D
 Acq: 6 Sep 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-#12DL

Tot Ion:	82	Resp:	92540
Ion Ratio	Lower	Upper	
82	100		
128	43.0	36.1	54.1
54	44.3	41.4	62.2

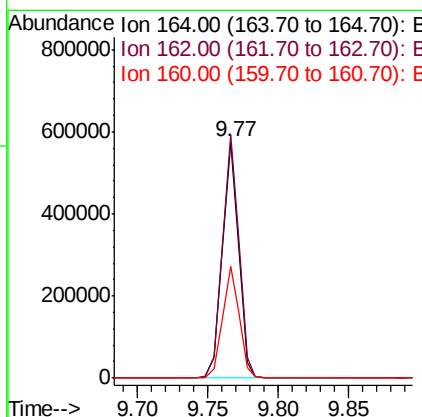
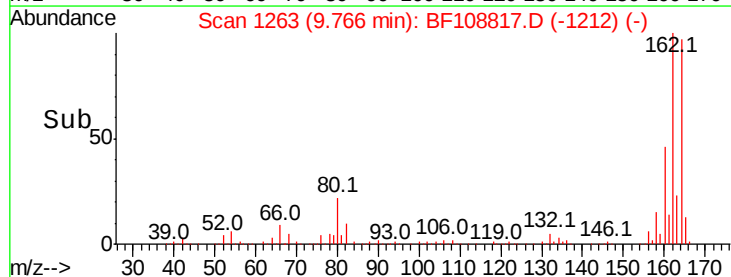
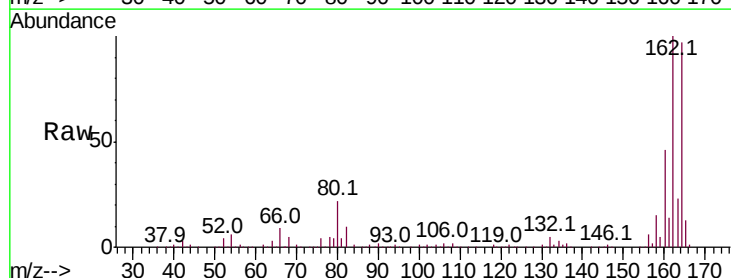
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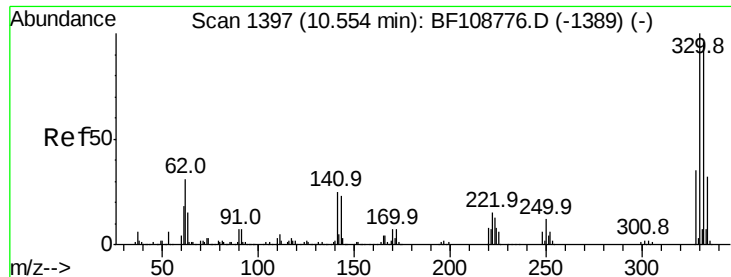
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108817.D
 Acq: 6 Sep 2018 11:11

Tgt Ion:	164	Resp:	461067
Ion Ratio	Lower	Upper	
164	100		
162	103.2	86.1	129.1
160	47.2	38.3	57.5





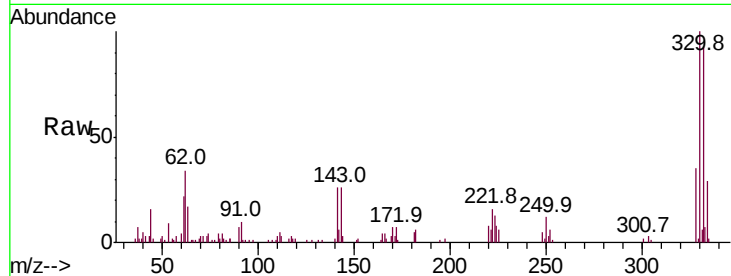
#41
 2,4,6-Tribromophenol
 Concen: 5.784 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108817.D
 Acq: 6 Sep 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-#12DL

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	77.0	115.6	
141	33.4	29.9	44.9	

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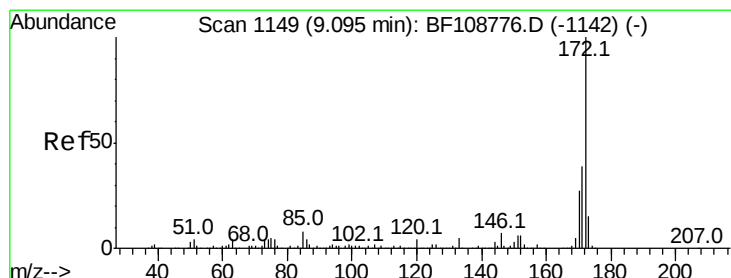
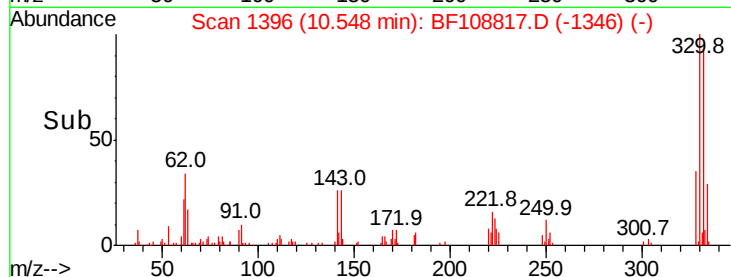
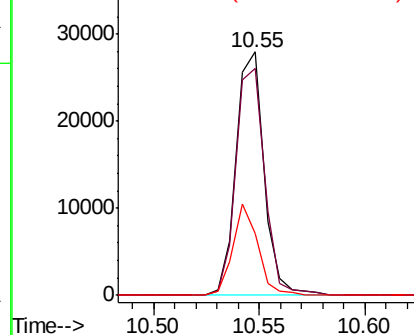


Abundance

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: 7.229 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108817.D
 Acq: 6 Sep 2018 11:11

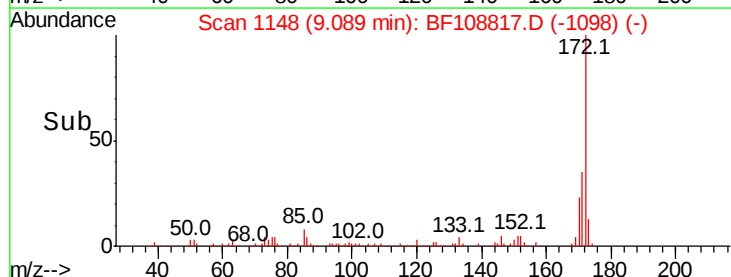
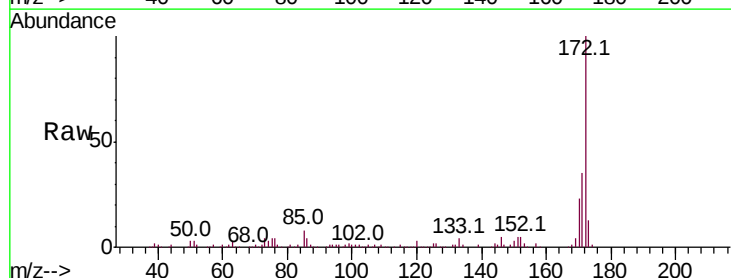
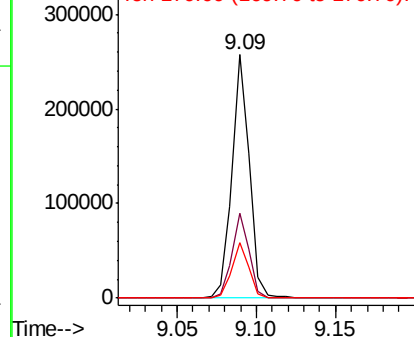
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.7	29.7	44.5	
170	22.9	19.6	29.4	

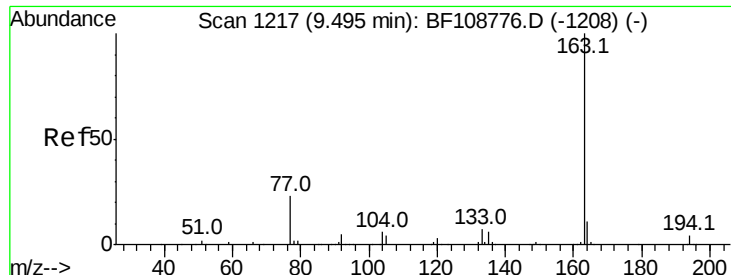
Abundance

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





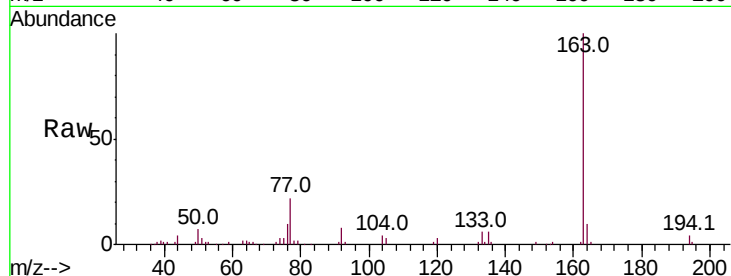
#49
Dimethylphthalate
Concen: 2.097 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-#12DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.7	8.2	12.2

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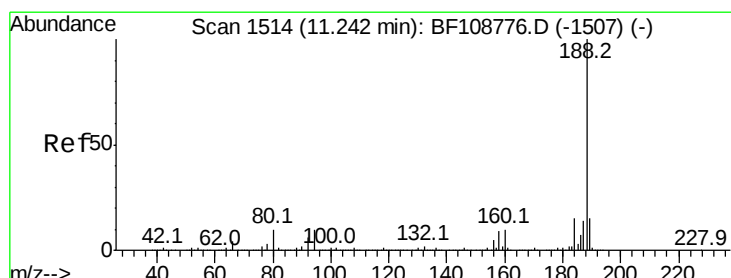
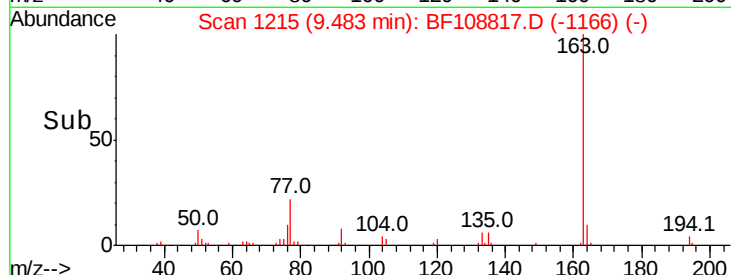
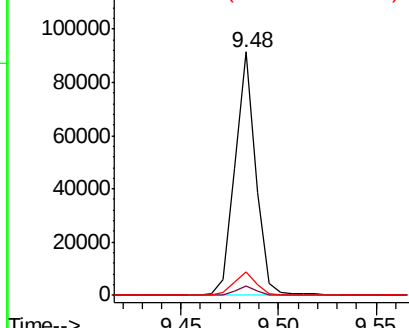


Abundance

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: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

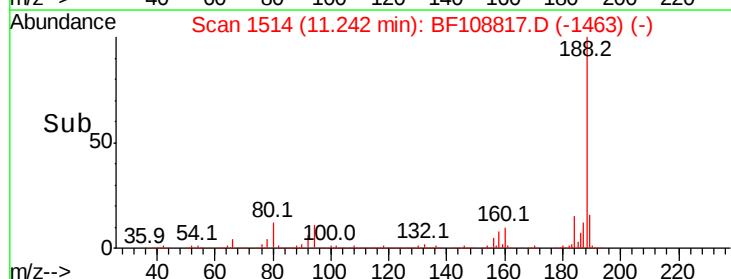
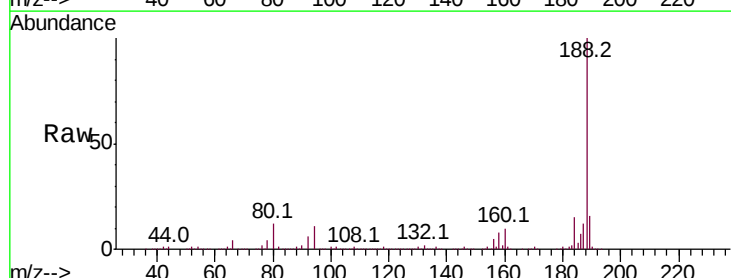
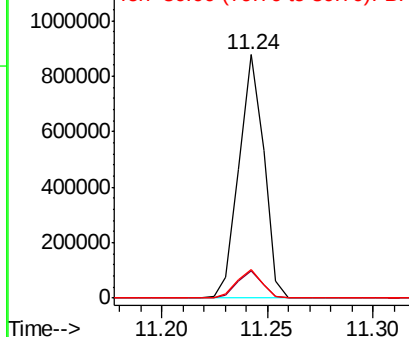
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	11.8	9.2	13.8

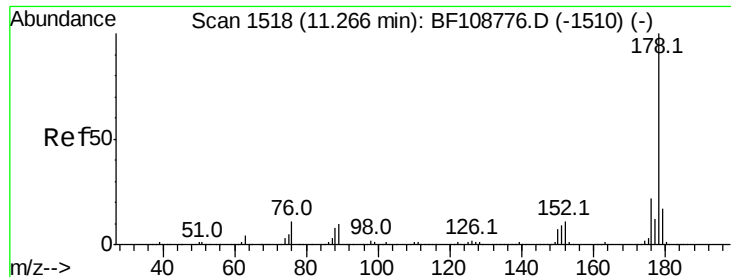
Abundance

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





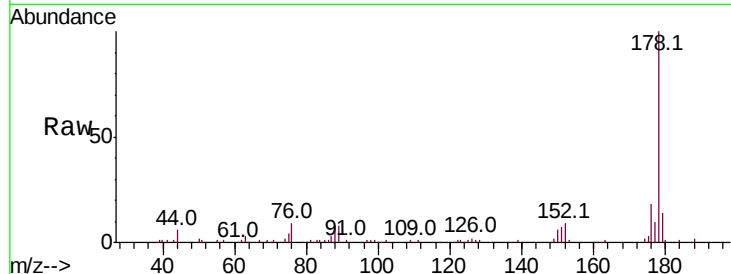
#70
Phenanthrene
Concen: 2.008 ng
RT: 11.27 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-#12DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	14.4	13.0	19.6

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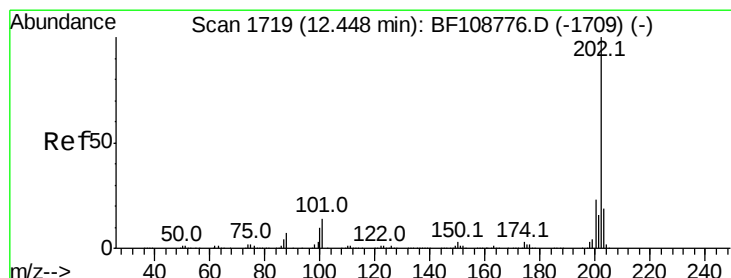
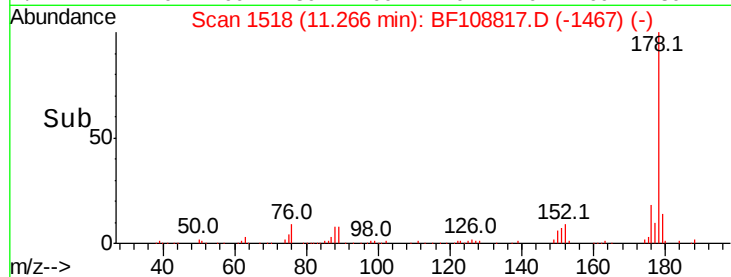
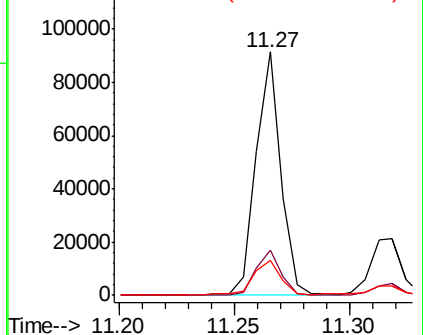


Abundance

Ion 178.00 (177.70 to 178.70): E

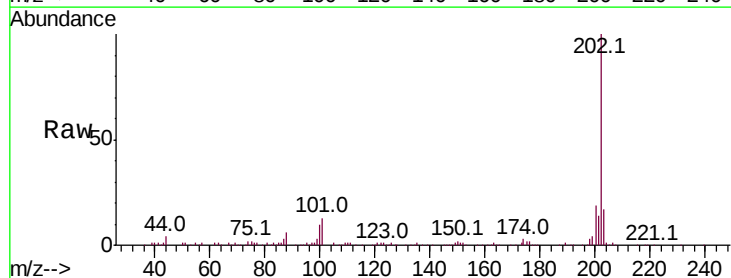
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74
Fluoranthene
Concen: 3.652 ng
RT: 12.45 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	16.6	0.0	38.1

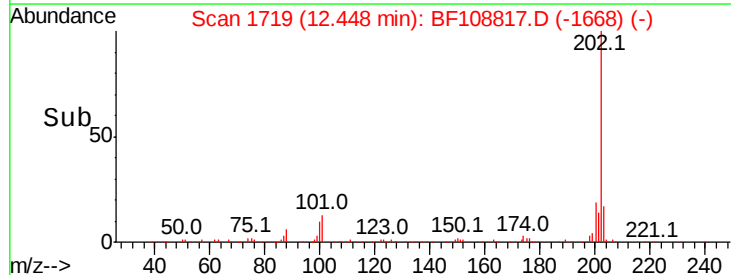
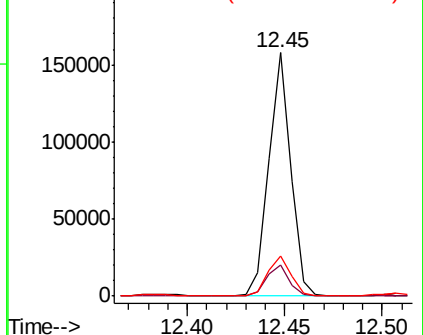


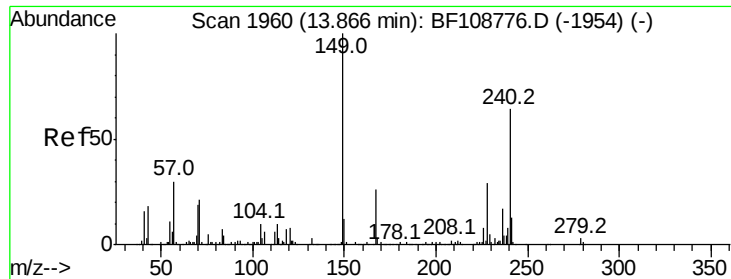
Abundance

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





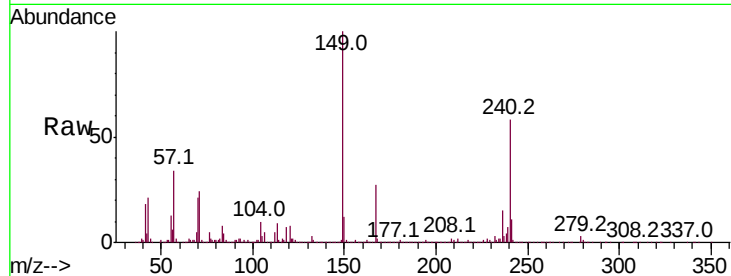
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-#12DL

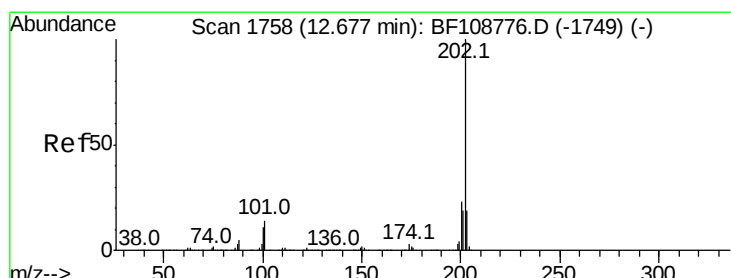
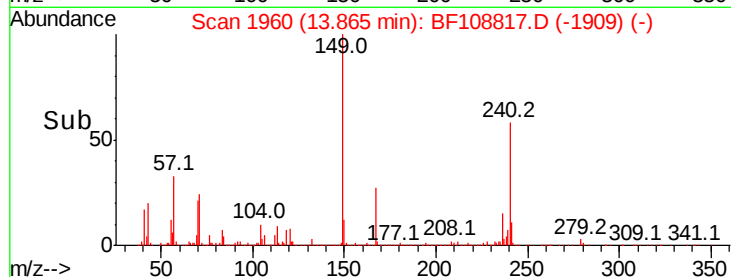
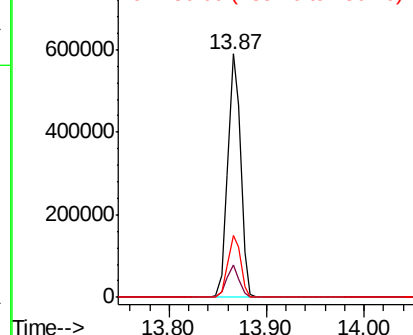
Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	13.5	9.5	14.3
236	25.6	20.7	31.1

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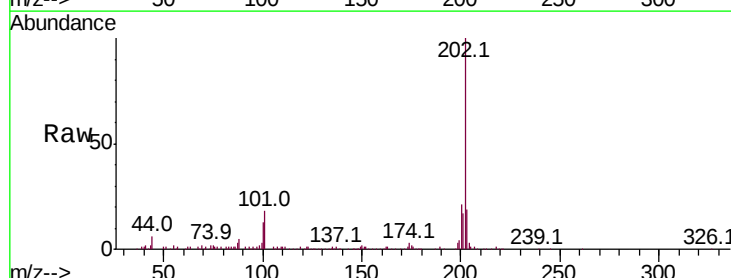


Abundance Ion 240.00 (239.70 to 240.70): E
800000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

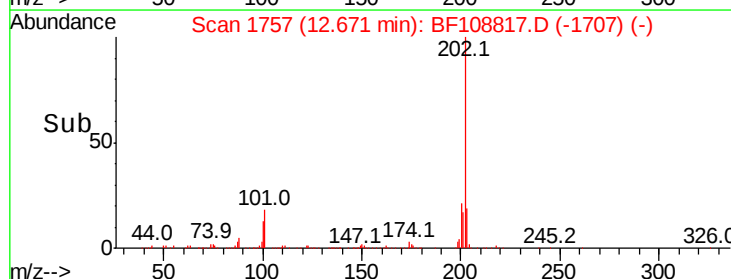
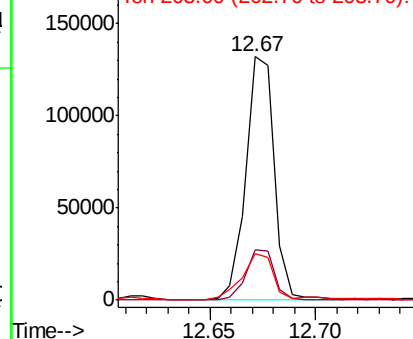


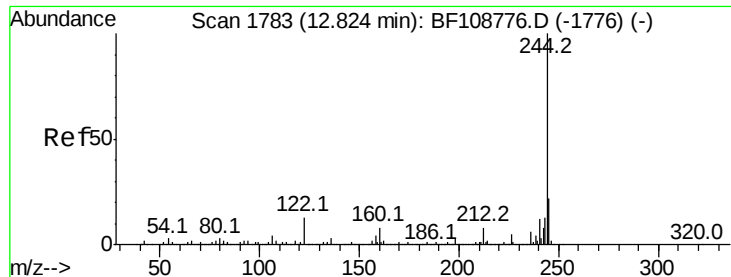
#77
Pyrene
Concen: 2.915 ng
RT: 12.67 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF108817.D
Acq: 6 Sep 2018 11:11

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	17.4	26.2
203	19.3	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
150000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 6.247 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF108817.D

Acq: 6 Sep 2018 11:11

Instrument :

BNA_F

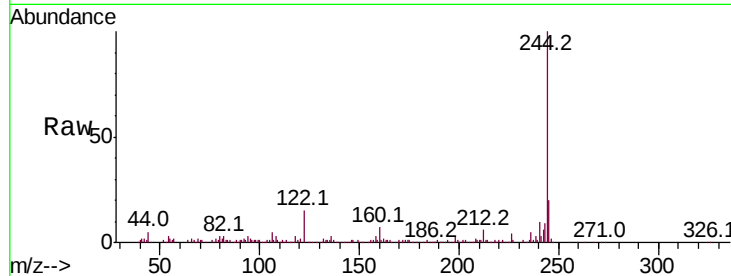
ClientSampleId :

DOCUMENTATION-#12DL

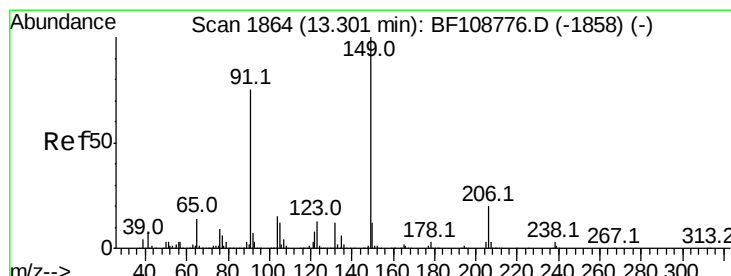
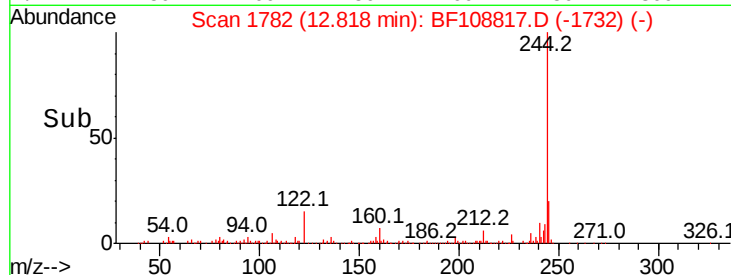
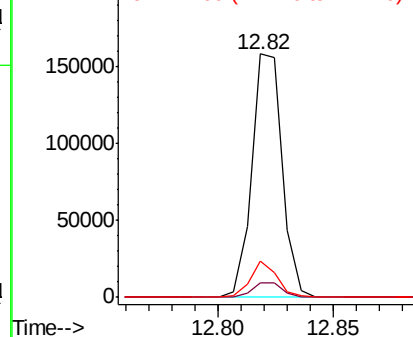
Tot Ion:	244	Resp:	145433
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.4	8.0
122	14.8	11.0	16.4

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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



#79

Butylbenzylphthalate

Concen: 2.669 ng

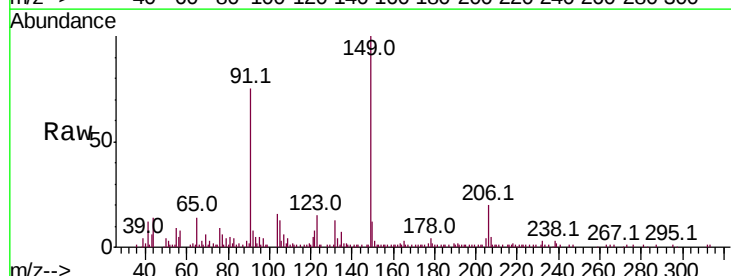
RT: 13.30 min Scan# 1864

Delta R.T. -0.00 min

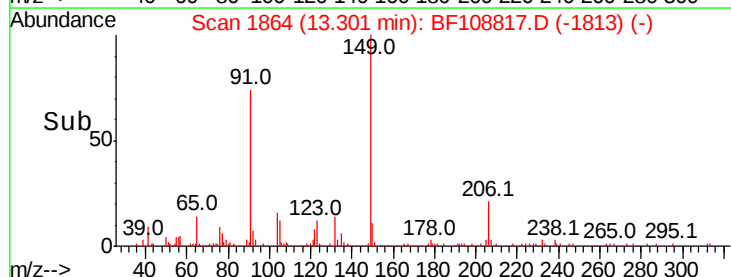
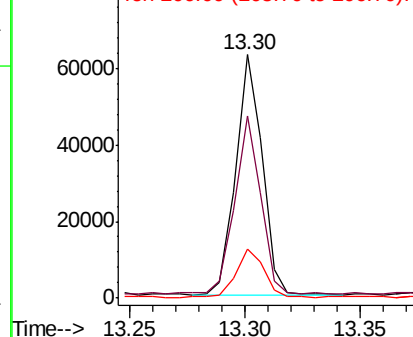
Lab File: BF108817.D

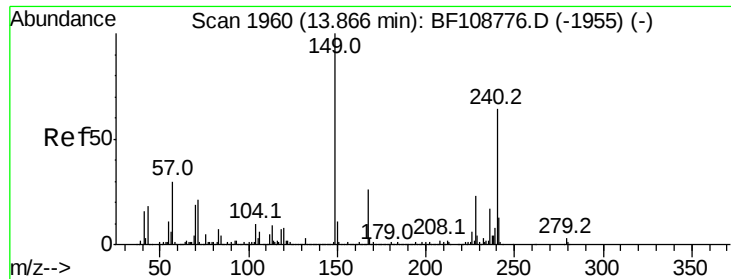
Acq: 6 Sep 2018 11:11

Tgt Ion:	149	Resp:	50197
Ion Ratio	Lower	Upper	
149	100		
91	74.8	56.8	85.2
206	20.2	14.1	21.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





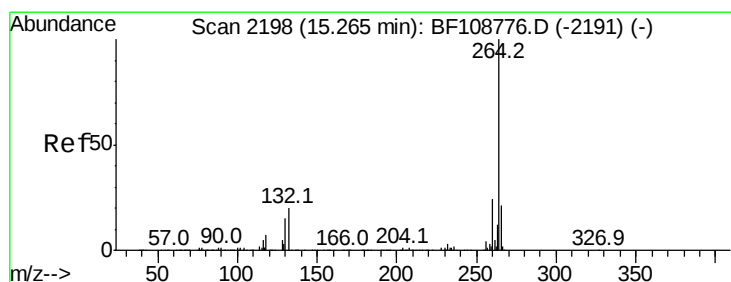
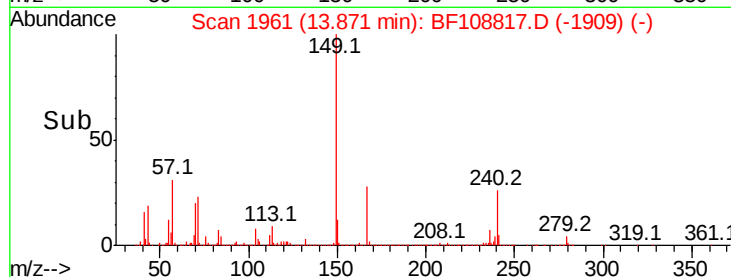
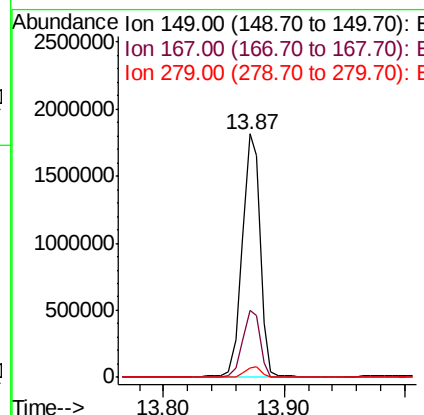
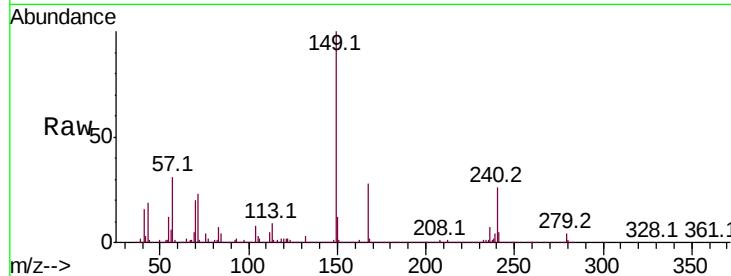
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 78.810 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108817.D
 Acq: 6 Sep 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-#12DL

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.3	31.9
279	3.8	3.0	4.4

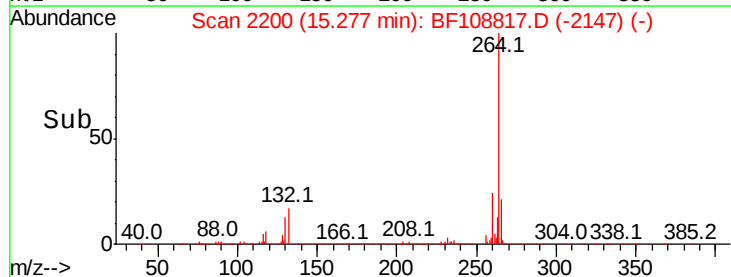
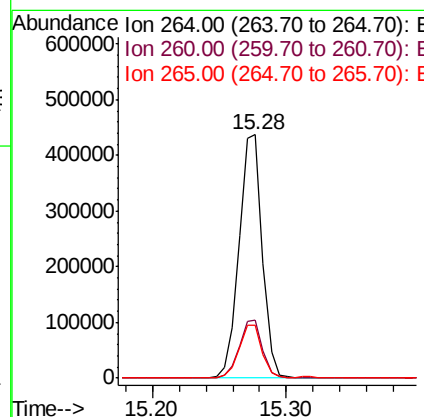
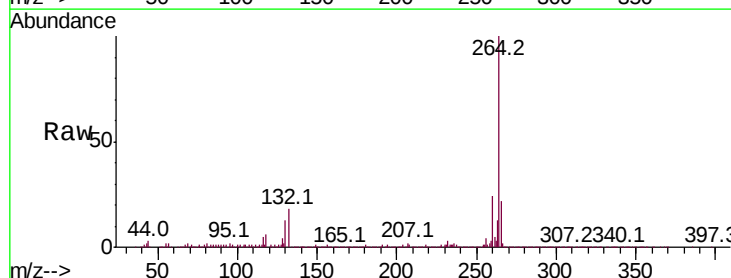
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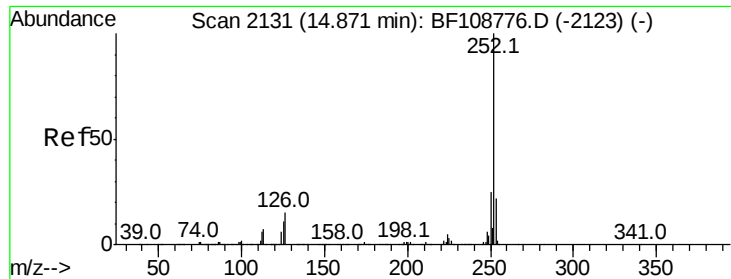
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF108817.D
 Acq: 6 Sep 2018 11:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.459 ng/ml
 RT: 14.88 min Scan# 2132
 Delta R.T. 0.01 min
 Lab File: BF108817.D
 Acq: 6 Sep 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-#12DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	16.8	9.0	13.6

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