

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108797.D
 Acq On : 6 Sep 2018 1:44
 Operator : JU/SJ
 Sample : J4791-04 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-#13

Manual Integrations
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 9/6/2018 4:45:52 PM

Quant Time: Sep 06 11:05:32 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	290545	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1094752	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	459203	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	729113	20.00	ng	0.00
75) Chrysene-d12	13.87	240	586972	20.00	ng	0.00
86) Perylene-d12	15.27	264	466017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	271638	15.49	ng	0.00
7) Phenol-d6	6.35	99	364471	16.15	ng	-0.01
23) Nitrobenzene-d5	7.29	82	191045	10.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	52707	12.02	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	393129	14.61	ng	0.00
78) Terphenyl-d14	12.82	244	301463	11.98	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	111203	3.462	ng	99
70) Phenanthrene	11.27	178	358902	10.308	ng	98
71) Anthracene	11.31	178	97431	2.923	ng	97
74) Fluoranthene	12.45	202	662171	19.208	ng	97
77) Pyrene	12.67	202	595181	13.177	ng	99
79) Butylbenzylphthalate	13.30	149	154187	7.581	ng	98
80) Benzo(a)anthracene	13.85	228	309112	8.216	ng	96
82) Chrysene	13.89	228	266383	7.314	ng	96
83) Bis(2-ethylhexyl)phthalate	13.87	149	129837	5.080	ng	100
85) Indeno(1,2,3-cd)pyrene	16.61	276	115729m	3.590	ng	
87) Benzo(b)fluoranthene	14.87	252	302878m	11.953	ng	
88) Benzo(k)fluoranthene	14.89	252	85464m	3.662	ng	
89) Benzo(a)pyrene	15.21	252	193549	8.465	ng	96
91) Benzo(a,h,i)perylene	17.02	276	110504	5.478	ng	95

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

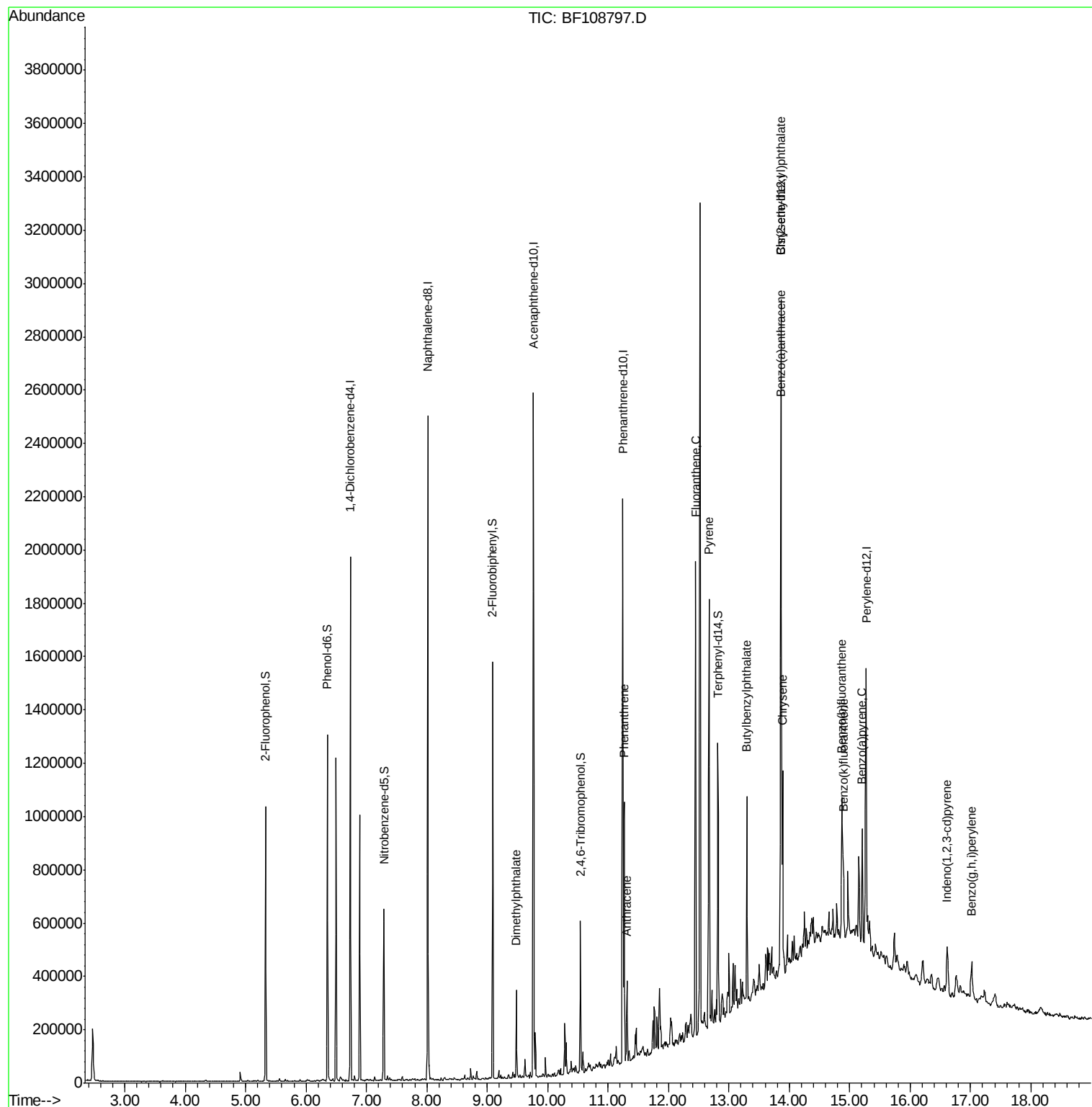
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
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#1

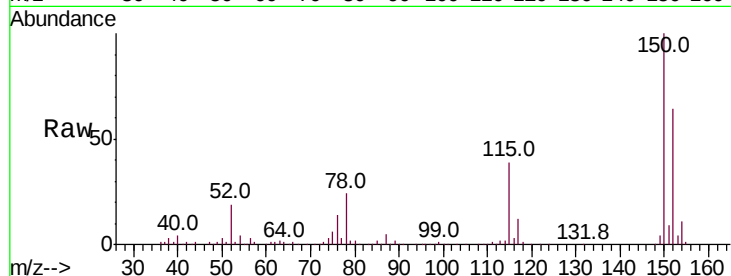
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108797.D
Acq: 6 Sep 2018 1:44

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-#13

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	60.7	50.1	75.1

Manual Integrations
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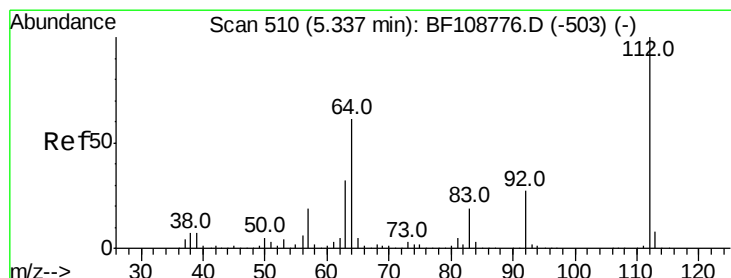
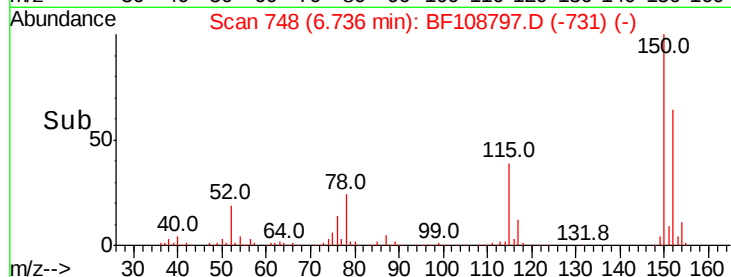
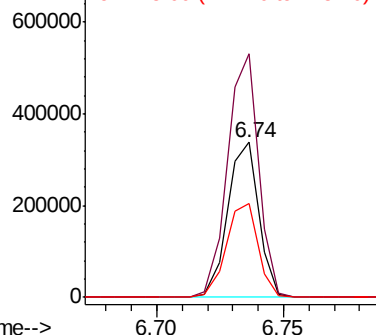


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

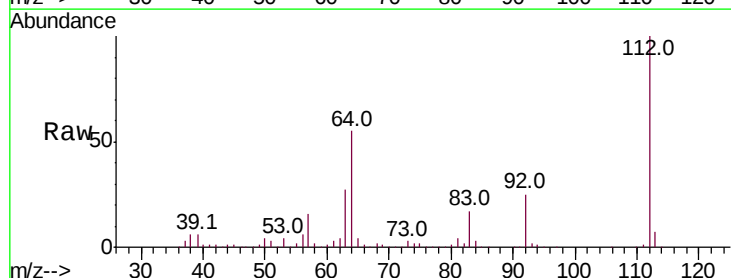
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 15.489 ng
RT: 5.33 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF108797.D
Acq: 6 Sep 2018 1:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	47.9	71.9
63	27.3	23.7	35.5

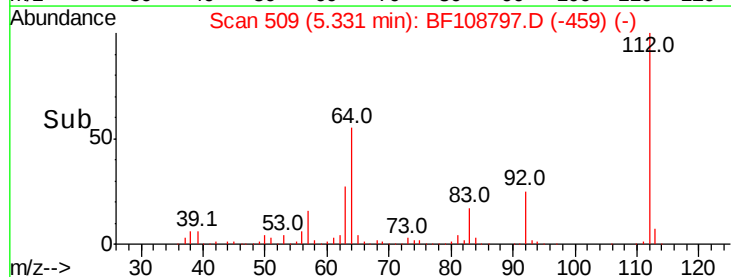
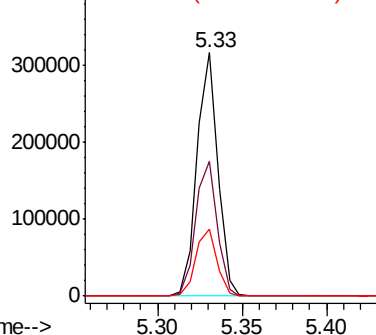


Abundance

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: 16.152 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF108797.D

Acq: 6 Sep 2018 1:44

Instrument :

BNA_F

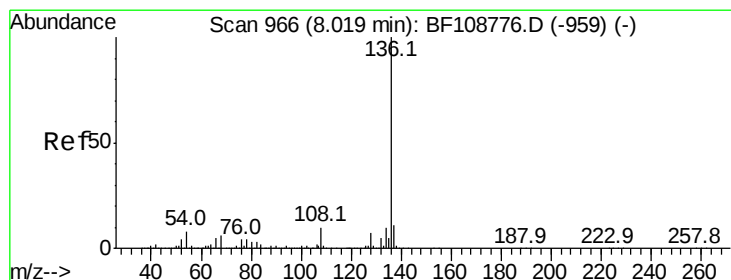
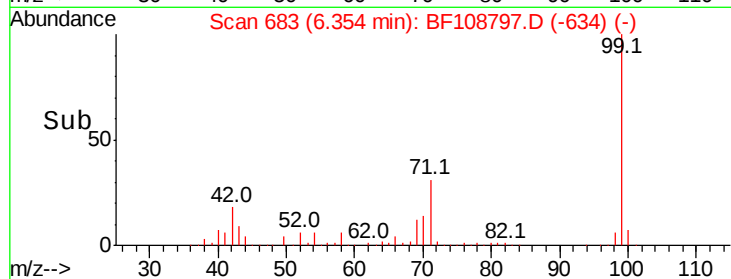
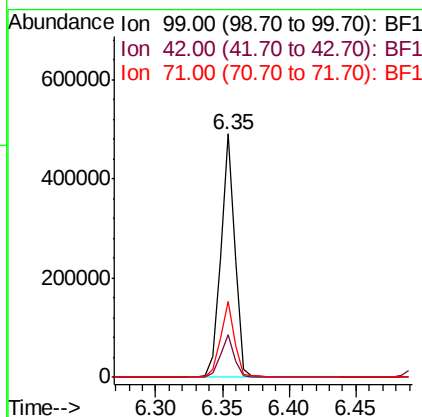
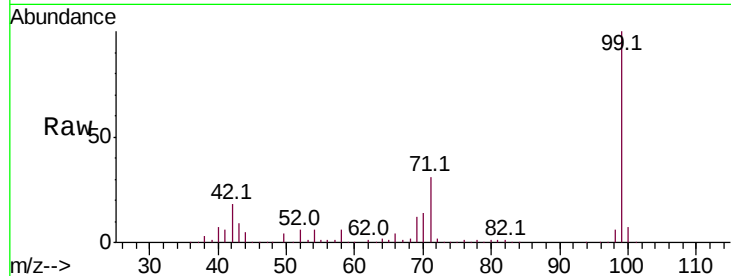
ClientSampleId :

DOCUMENTATION-#13

Tot Ion:	99	Resp:	364471
Ion Ratio	Lower	Upper	
99	100		
42	17.6	14.5	21.7
71	31.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

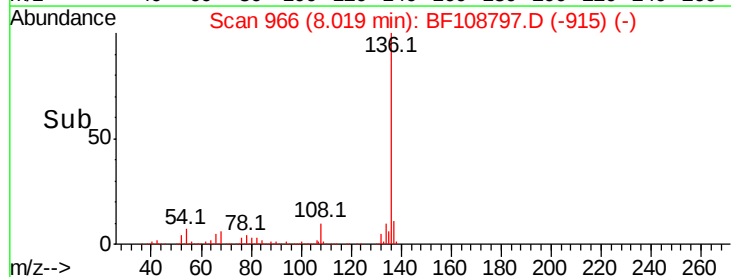
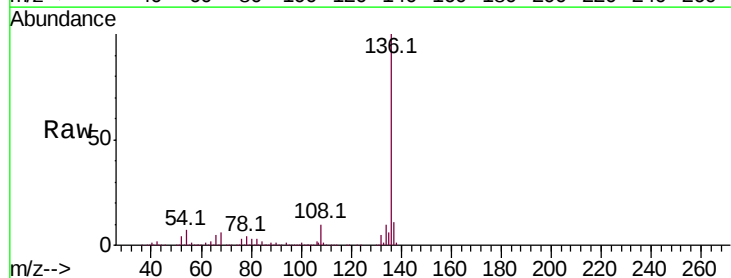
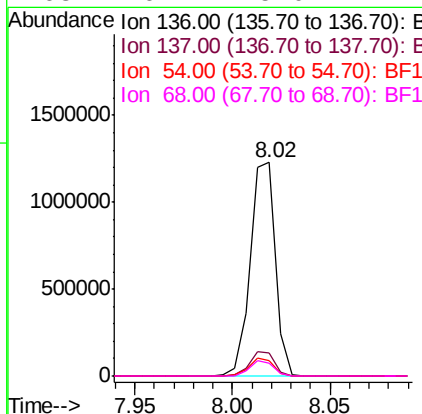
RT: 8.02 min Scan# 966

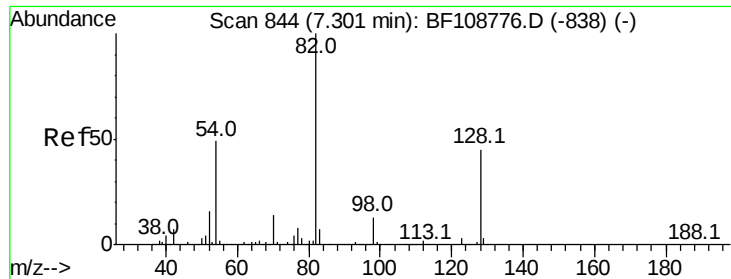
Delta R.T. -0.00 min

Lab File: BF108797.D

Acq: 6 Sep 2018 1:44

Tgt Ion:	136	Resp:	1094752
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	6.9	6.6	9.8
68	6.1	5.0	7.4





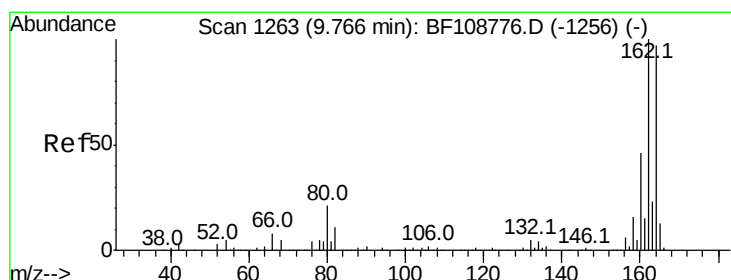
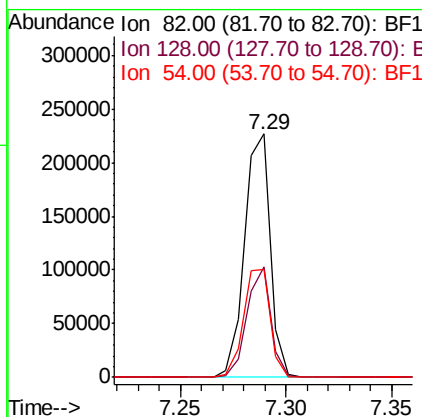
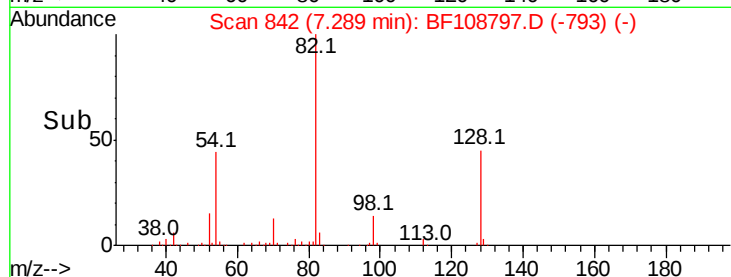
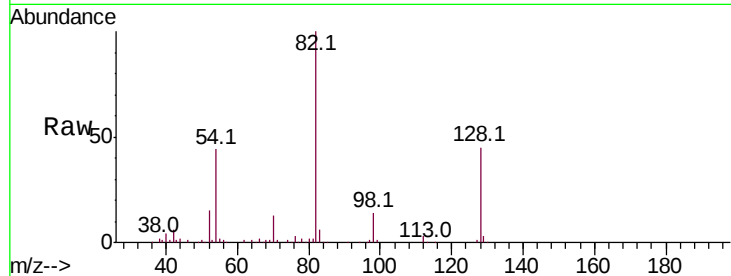
#23
 Nitrobenzene-d5
 Concen: 10.921 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108797.D
 Acq: 6 Sep 2018 1:44

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-#13

Tot Ion	Ratio	Resp	Lower	Upper
82	100	191045		
128	45.1	36.1	54.1	
54	44.3	41.4	62.2	

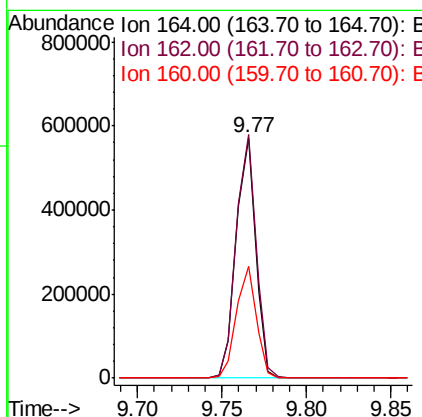
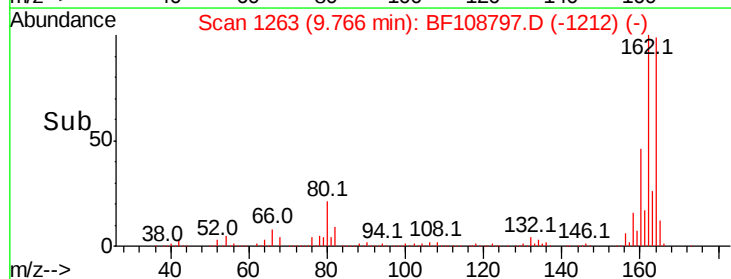
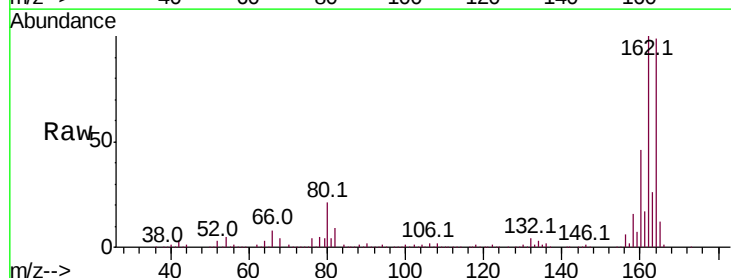
Manual Integrations
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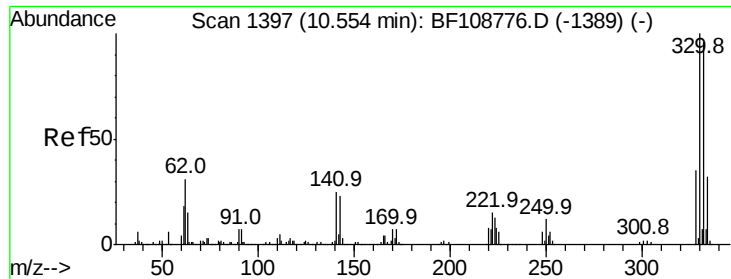
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108797.D
 Acq: 6 Sep 2018 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	459203		
162	101.5	86.1	129.1	
160	46.7	38.3	57.5	





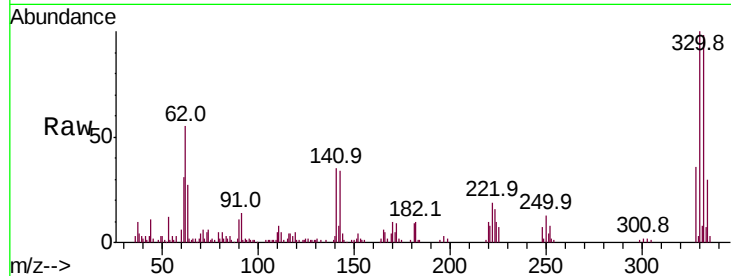
#41
 2,4,6-Tribromophenol
 Concen: 12.023 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108797.D
 Acq: 6 Sep 2018 1:44

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-#13

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	35.5	29.9	44.9

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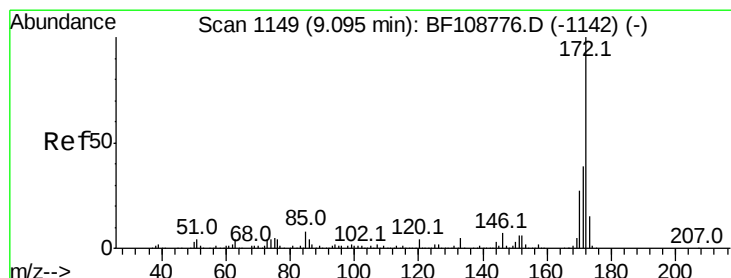
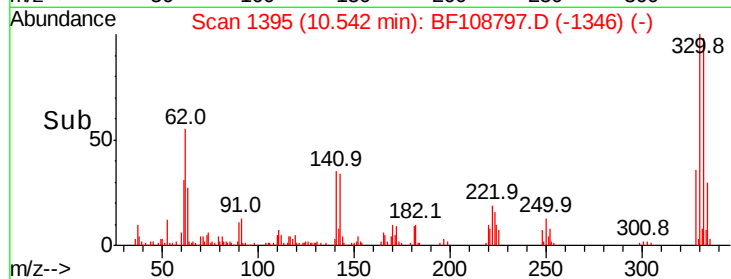
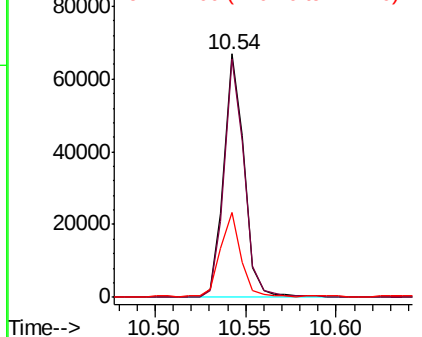


Abundance

Ion 329.80 (329.50 to 330.50): E

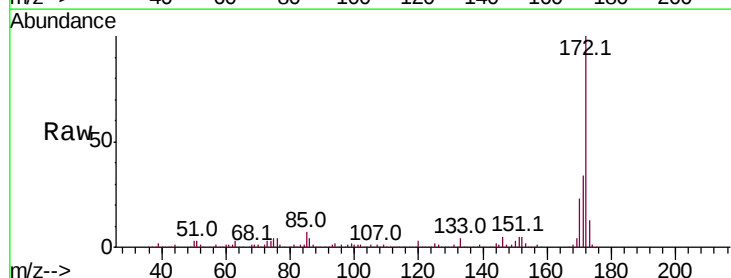
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 14.605 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108797.D
 Acq: 6 Sep 2018 1:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	23.3	19.6	29.4

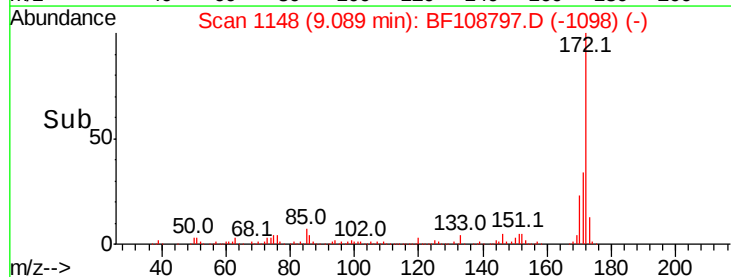
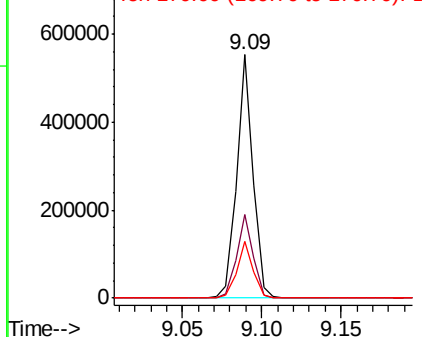


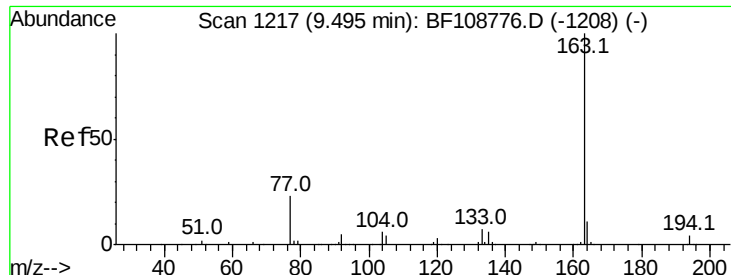
Abundance

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





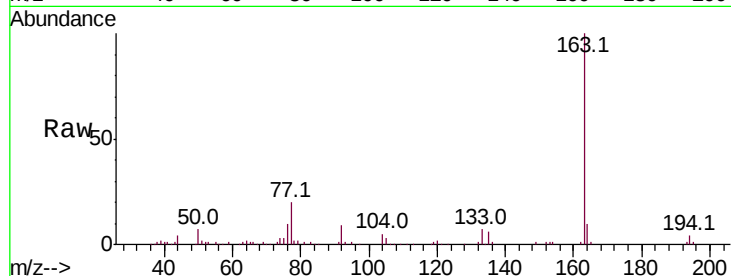
#49
Dimethylphthalate
Concen: 3.462 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108797.D
Acq: 6 Sep 2018 1:44

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-#13

Tot Ion	Ratio	Resp	Lower	Upper
163	100	111203		
194	3.9	2.7	4.1	
164	9.9	8.2	12.2	

Manual Integrations
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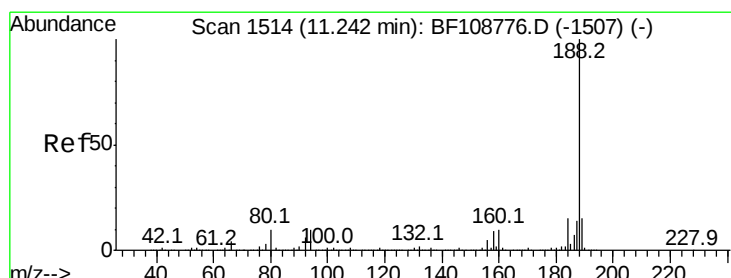
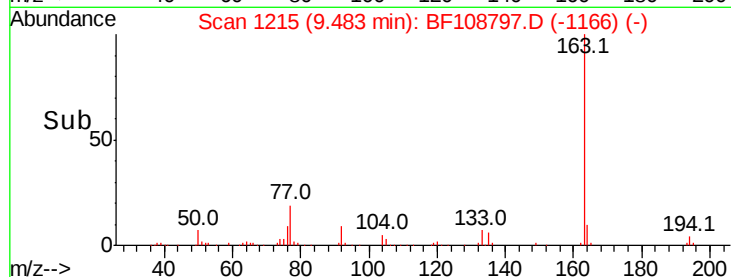
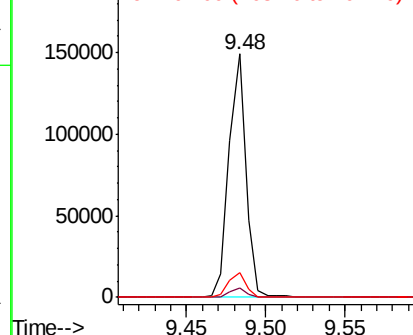


Abundance

Ion 163.00 (162.70 to 163.70): E

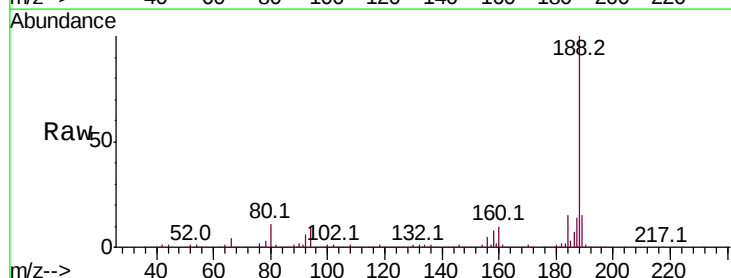
Ion 194.00 (193.70 to 194.70): E

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: BF108797.D
Acq: 6 Sep 2018 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	729113		
94	10.2	8.5	12.7	
80	10.9	9.2	13.8	

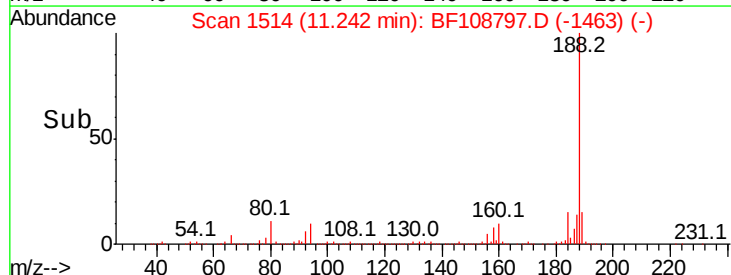
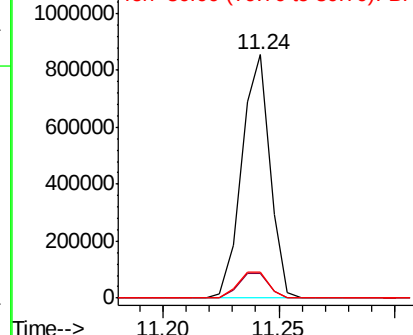


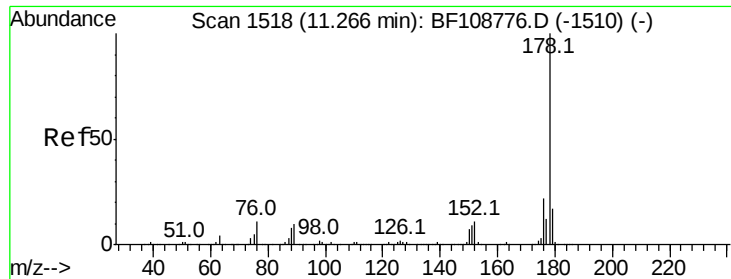
Abundance

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





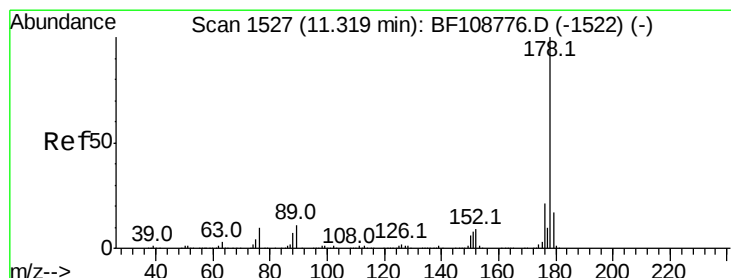
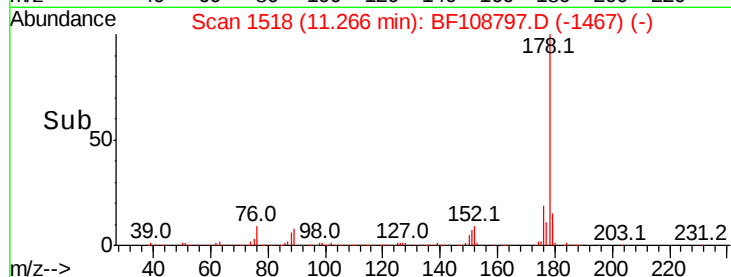
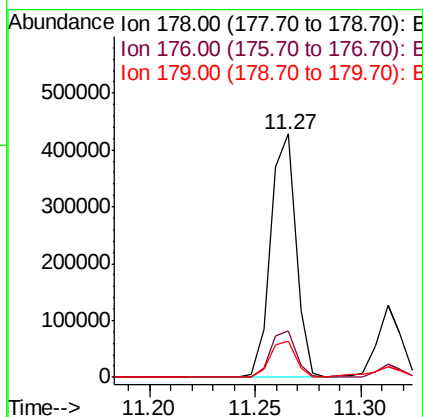
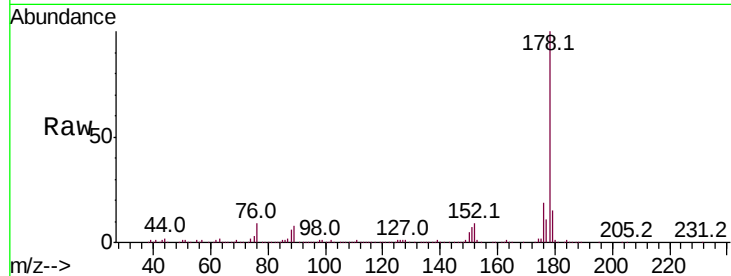
#70
Phenanthrene
Concen: 10.308 ng
RT: 11.27 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF108797.D
Acq: 6 Sep 2018 1:44

Instrument :
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DOCUMENTATION-#13

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	14.8	13.0	19.6

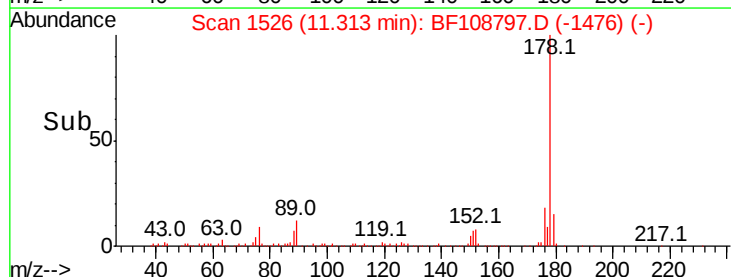
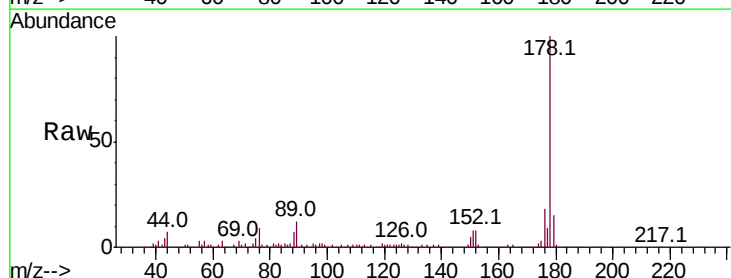
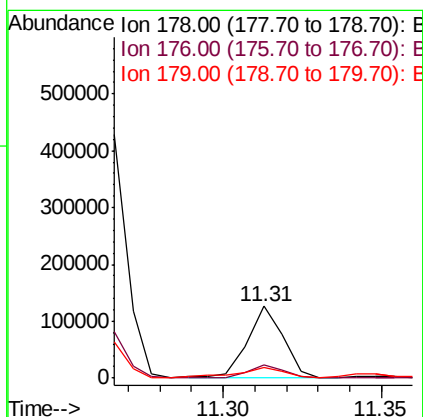
Manual Integrations
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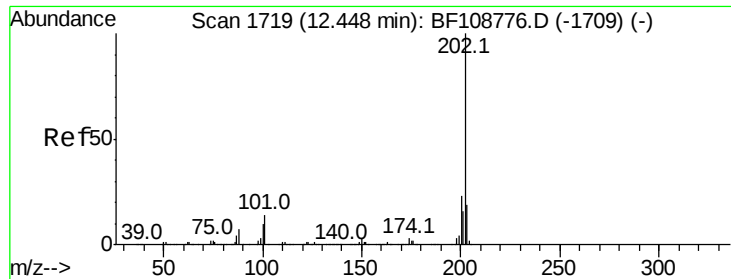
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#71
Anthracene
Concen: 2.923 ng
RT: 11.31 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF108797.D
Acq: 6 Sep 2018 1:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.4	23.2
179	14.9	12.6	19.0





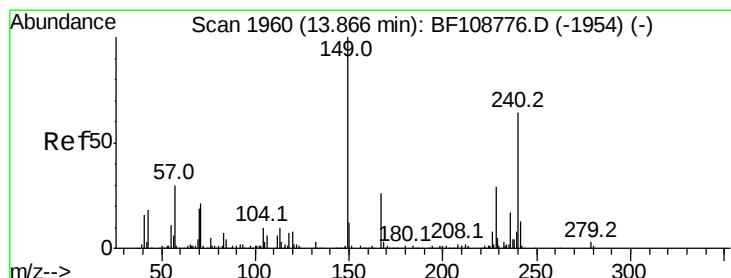
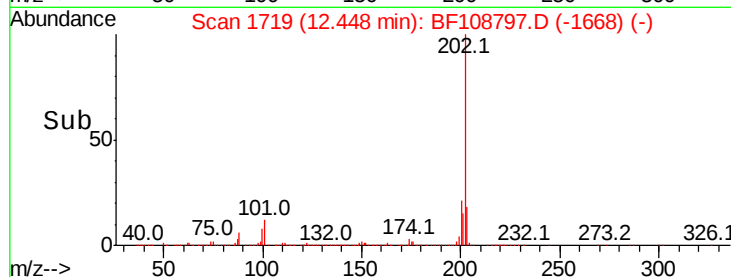
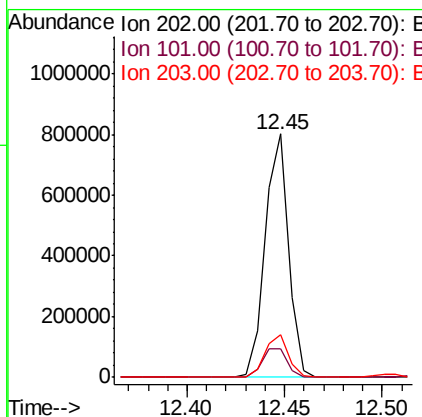
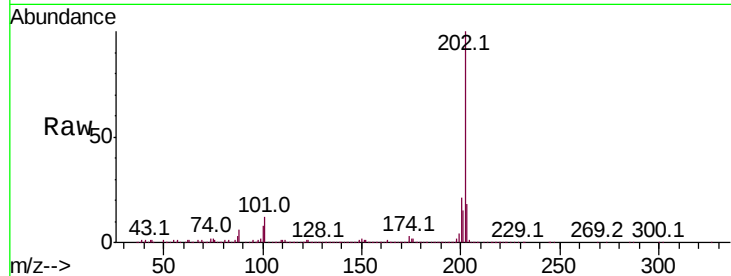
#74
 Fluoranthene
 Concen: 19.208 ng
 RT: 12.45 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BF108797.D
 Acq: 6 Sep 2018 1:44

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-#13

Tot Ion	Ratio	Resp	Lower	Upper
202	100	662171		
101	11.8	0.0	34.1	
203	17.7	0.0	38.1	

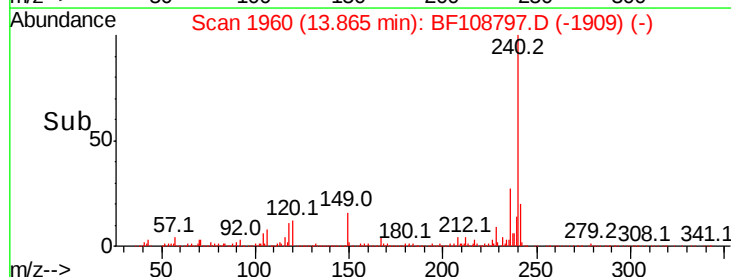
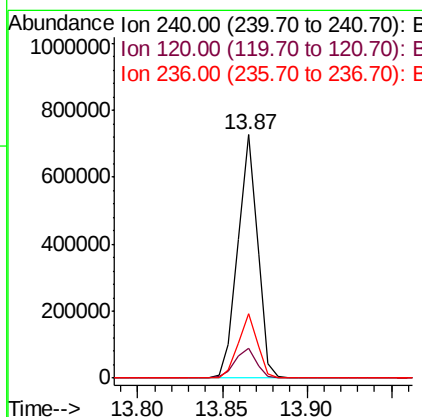
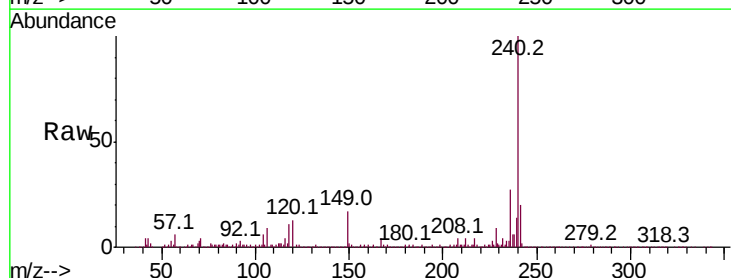
Manual Integrations
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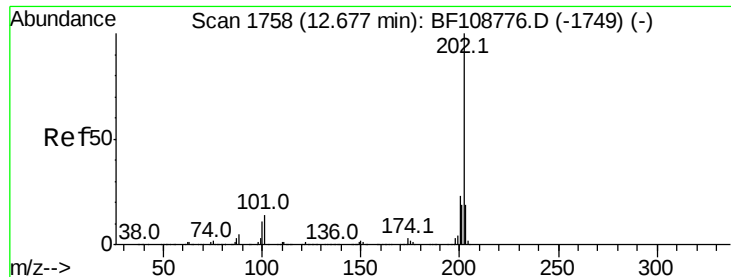
Sohil
 9/6/2018 4:45:52 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BF108797.D
 Acq: 6 Sep 2018 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	586972		
120	12.5	9.5	14.3	
236	26.6	20.7	31.1	





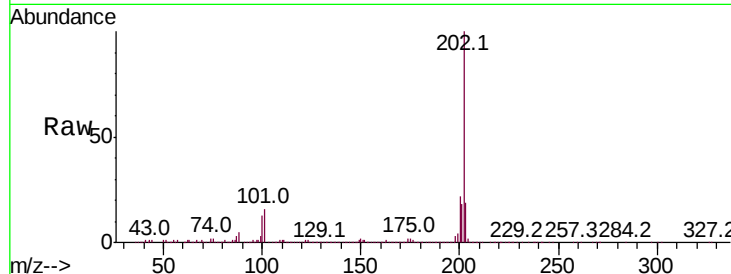
#77
Pvrene
Concen: 13.177 ng
RT: 12.67 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF108797.D
Acq: 6 Sep 2018 1:44

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-#13

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.6	14.3	21.5

Manual Integrations
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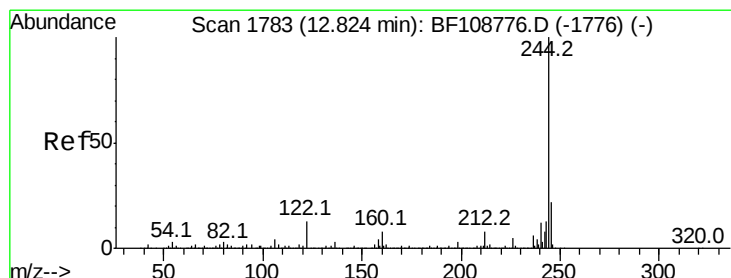
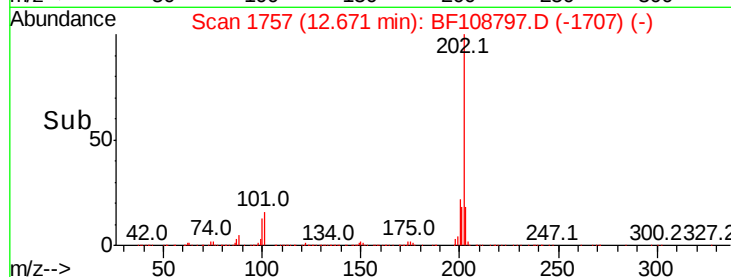
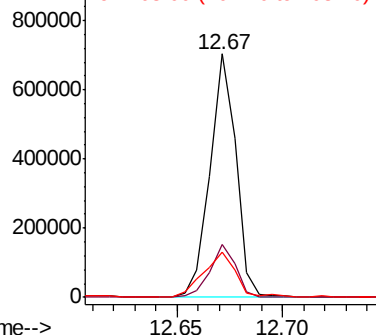


Abundance

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: 11.976 ng
RT: 12.82 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF108797.D
Acq: 6 Sep 2018 1:44

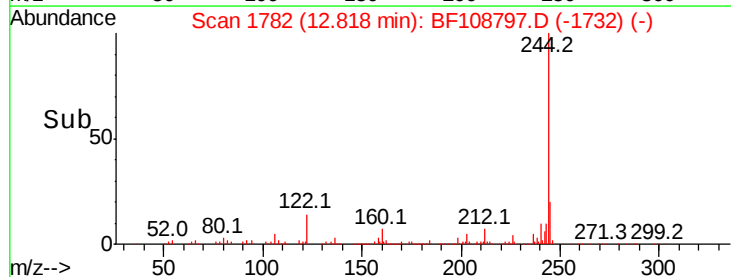
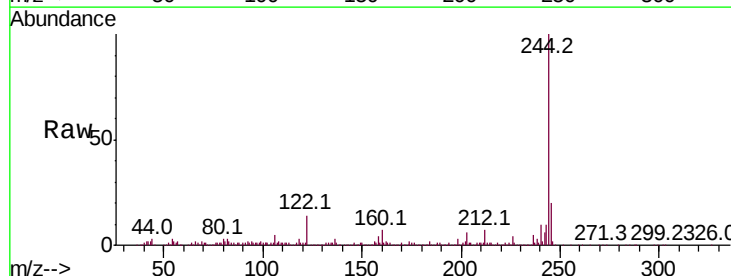
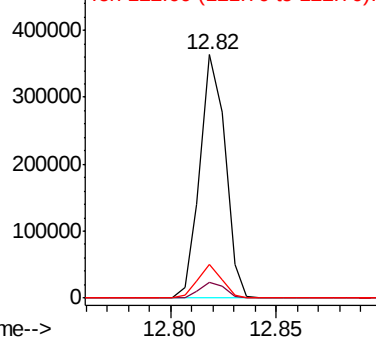
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.9	11.0	16.4

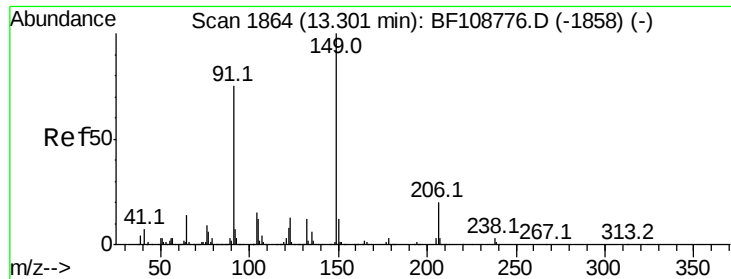
Abundance

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





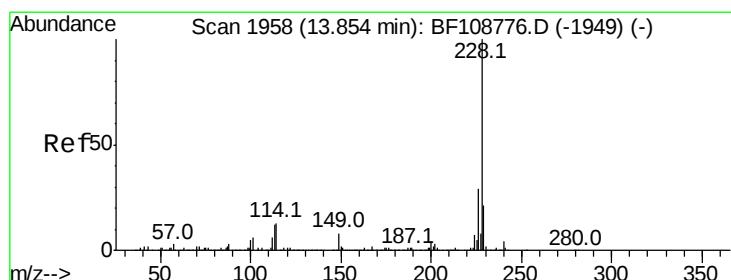
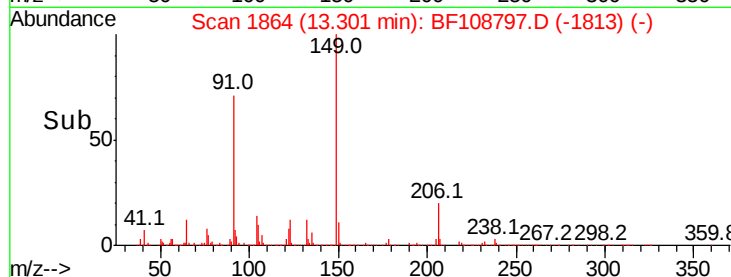
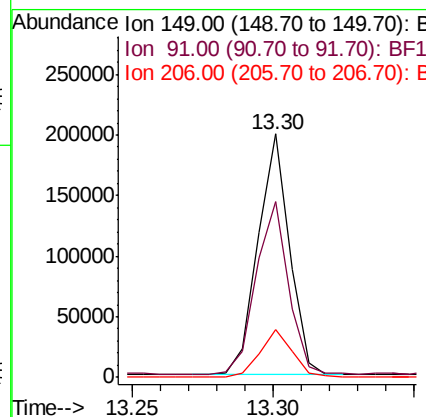
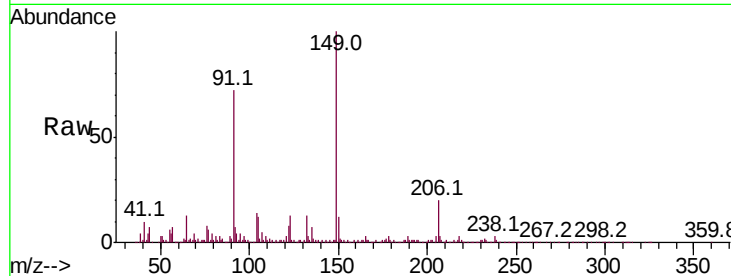
#79
Butylbenzylphthalate
Concen: 7.581 ng
RT: 13.30 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BF108797.D
Acq: 6 Sep 2018 1:44

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-#13

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	72.2	56.8	85.2	
206	19.7	14.1	21.1	

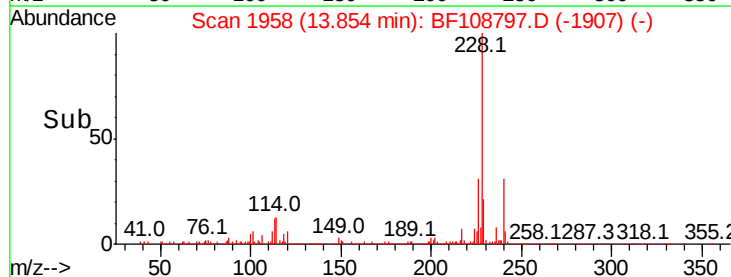
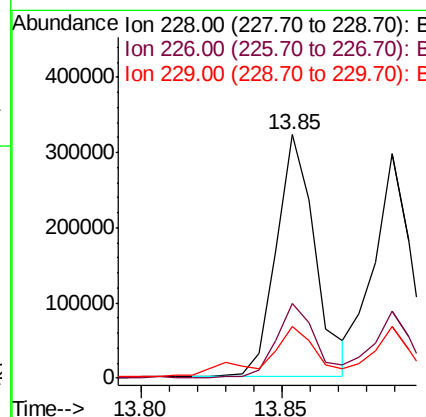
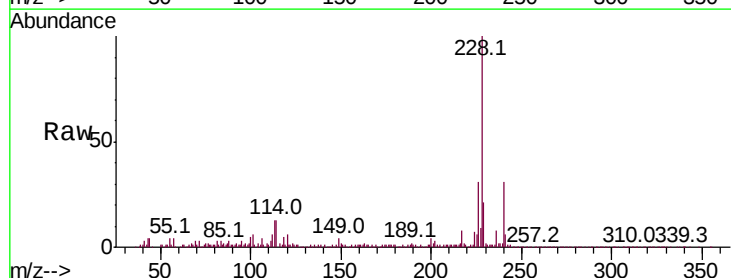
Manual Integrations
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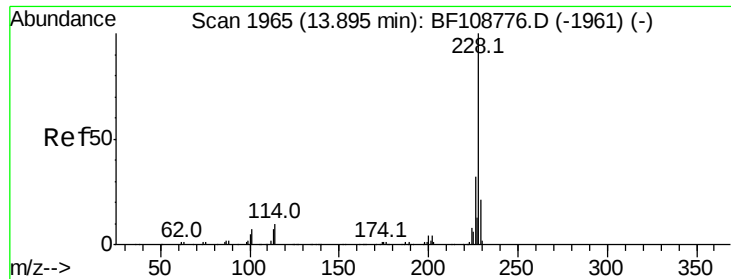
Sohil
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#80
Benzo(a)anthracene
Concen: 8.216 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BF108797.D
Acq: 6 Sep 2018 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.7	22.6	33.8	
229	21.3	15.8	23.6	





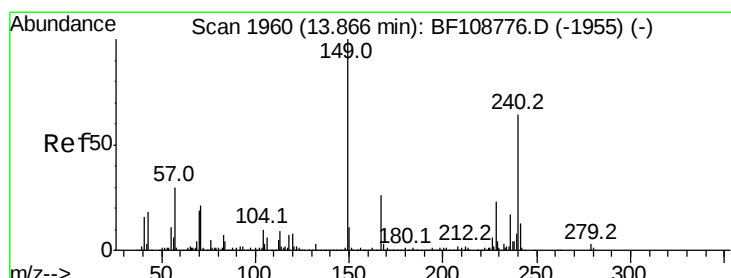
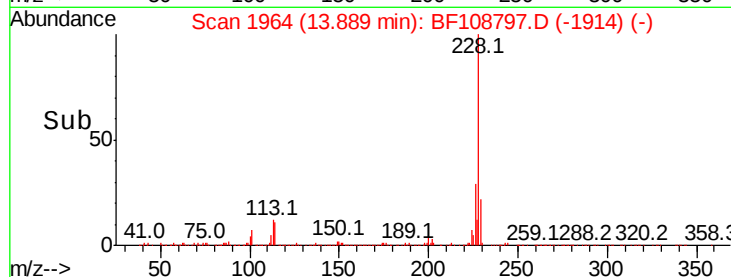
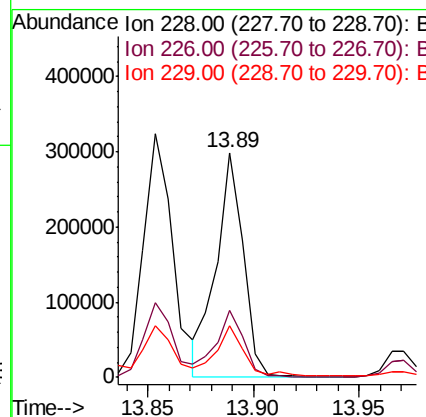
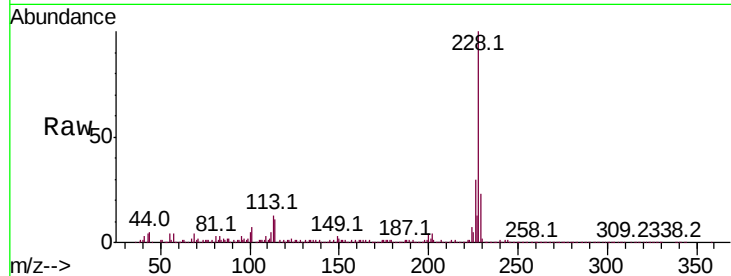
#82
Chrysene
Concen: 7.314 ng
RT: 13.89 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BF108797.D
Acq: 6 Sep 2018 1:44

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-#13

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	22.9	16.2	24.4

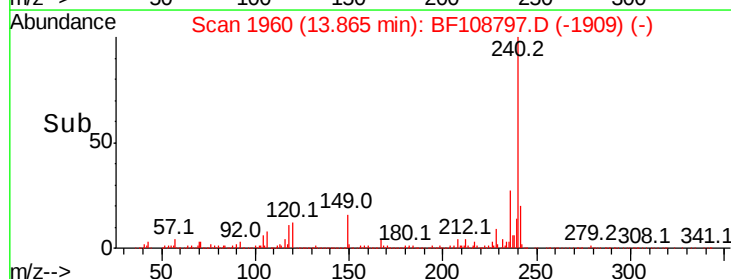
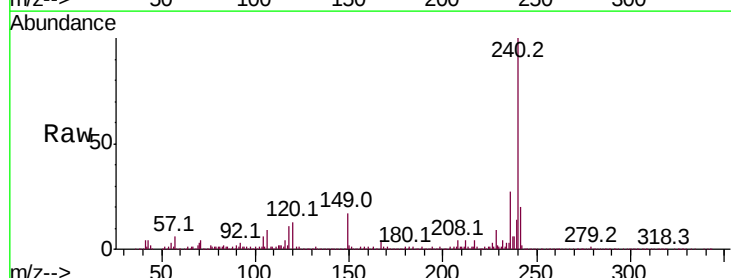
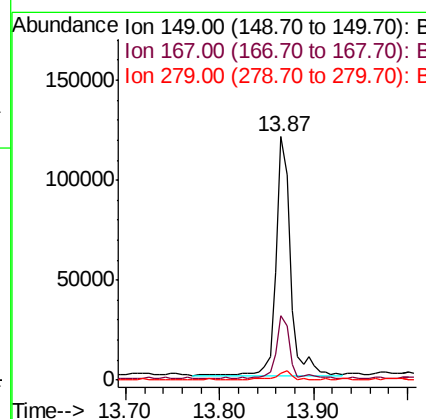
Manual Integrations
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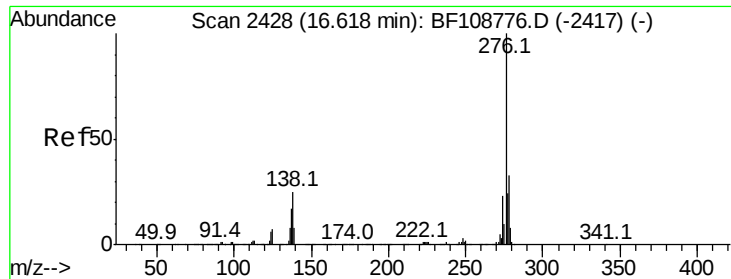
Sohil
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#83
Bis(2-ethylhexyl)phthalate
Concen: 5.080 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108797.D
Acq: 6 Sep 2018 1:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.0	3.0	4.4





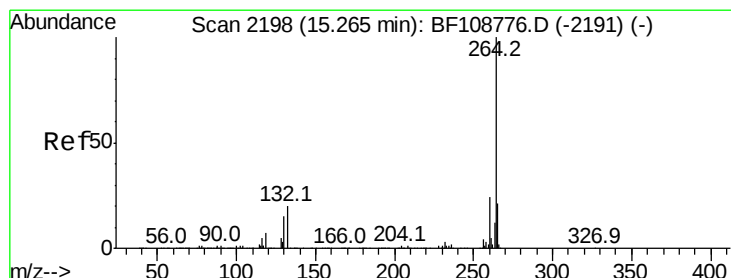
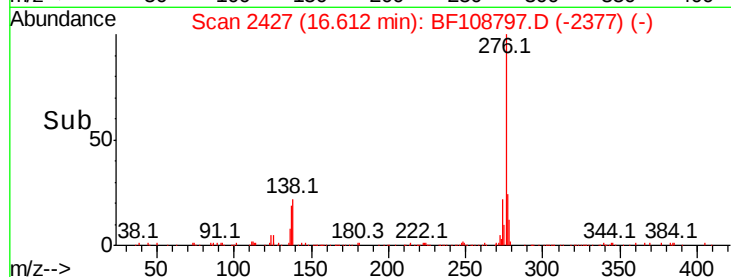
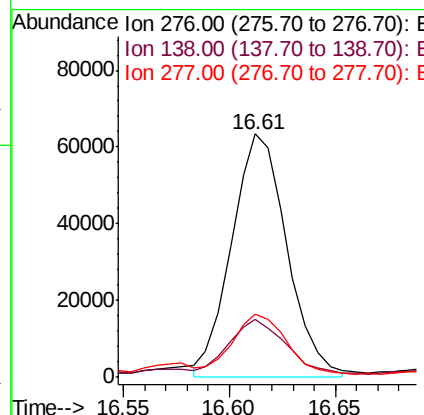
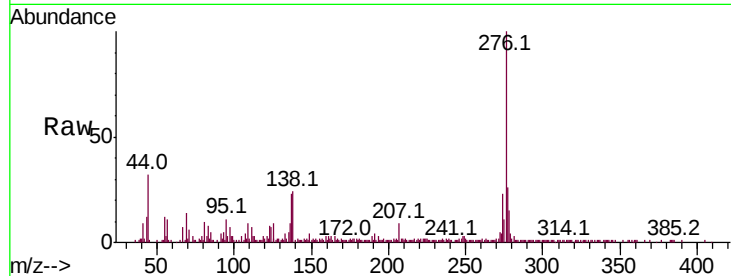
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.590 ng/ml
 RT: 16.61 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BF108797.D
 Acq: 6 Sep 2018 1:44

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-#13

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.3	25.0	37.6#
277	4.5	20.1	30.1#

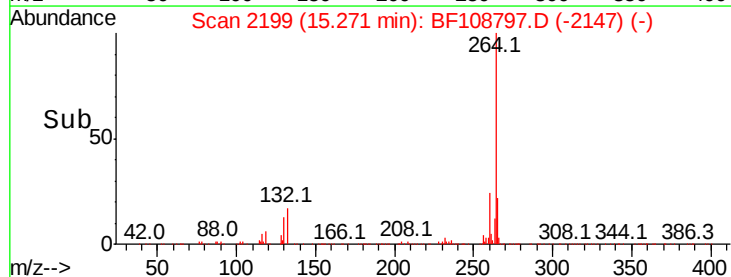
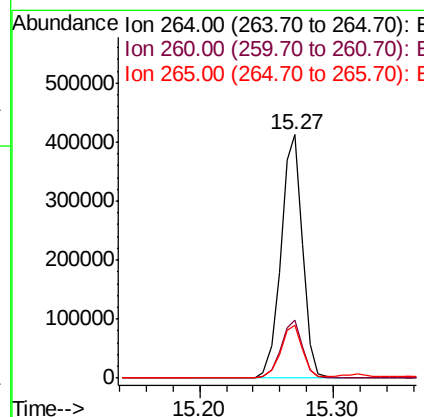
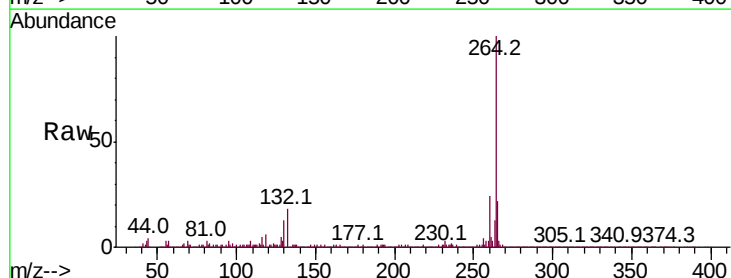
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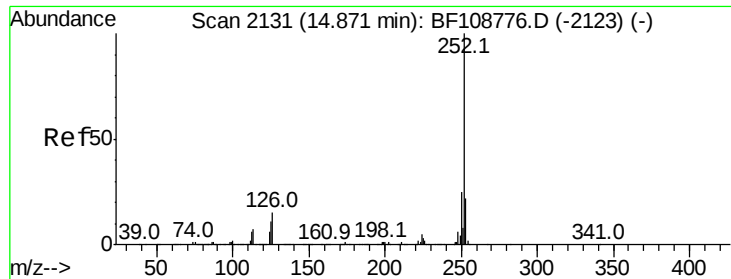
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: BF108797.D
 Acq: 6 Sep 2018 1:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 11.953 ng m

RT: 14.87 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BF108797.D

Acq: 6 Sep 2018 1:44

Instrument :

BNA_F

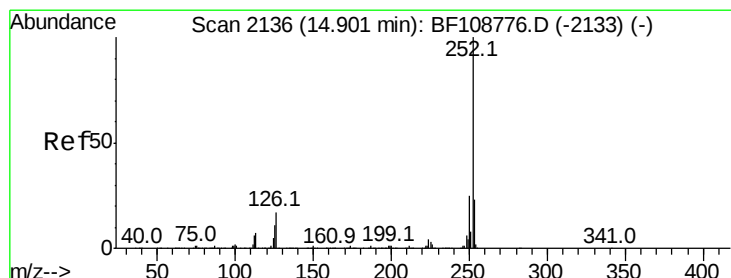
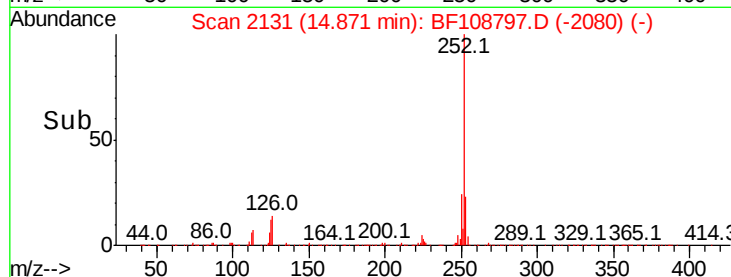
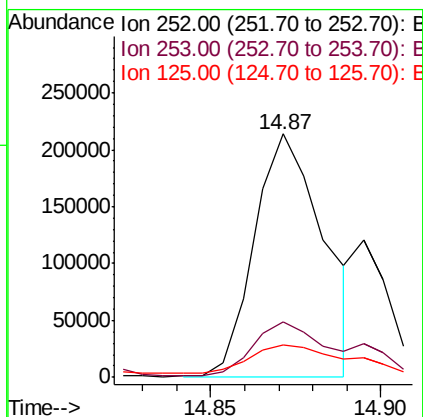
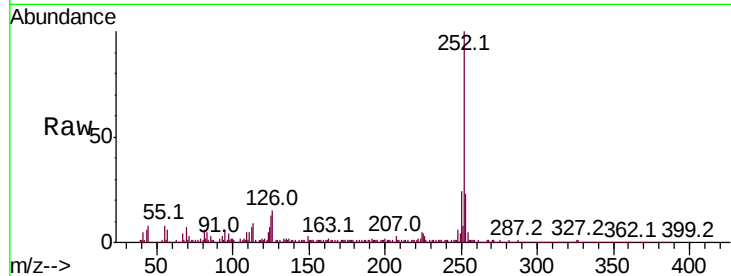
ClientSampleId :

DOCUMENTATION-#13

Tot Ion:	252	Resp:	302878
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.0	25.6
125	13.3	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 3.662 ng m

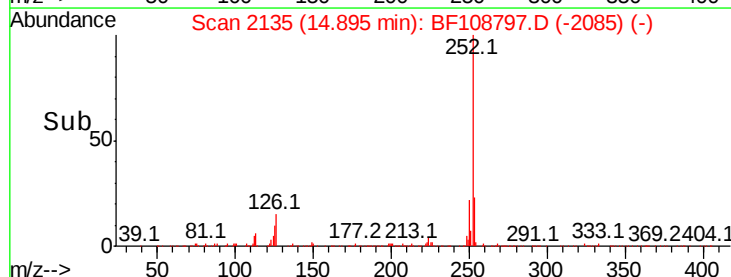
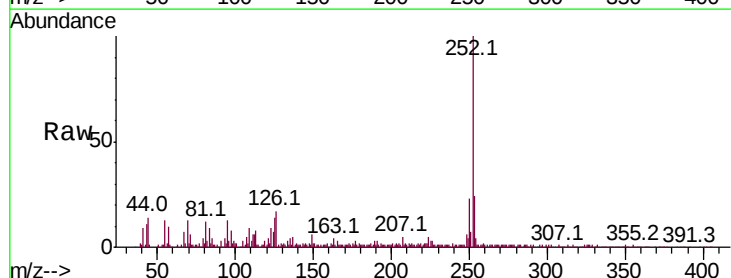
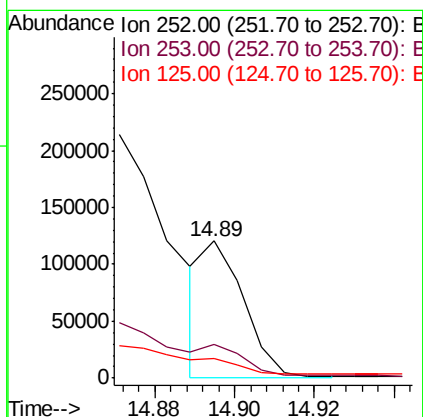
RT: 14.89 min Scan# 2135

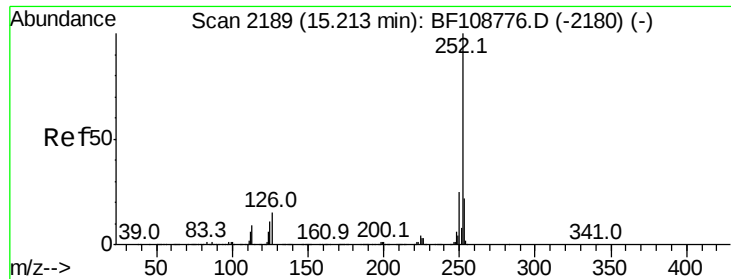
Delta R.T. -0.01 min

Lab File: BF108797.D

Acq: 6 Sep 2018 1:44

Tgt Ion:	252	Resp:	85464
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.9	26.9
125	13.8	10.2	15.2





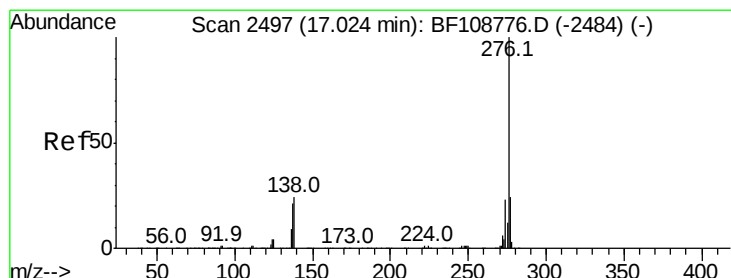
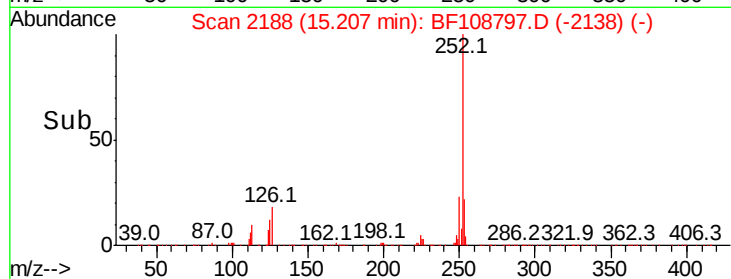
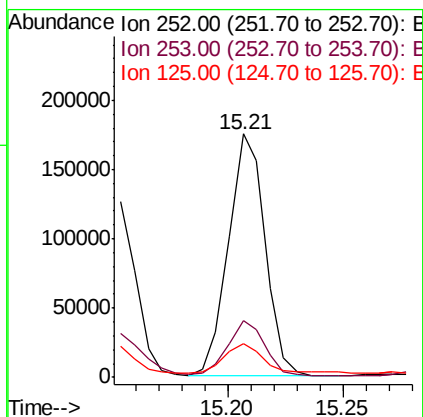
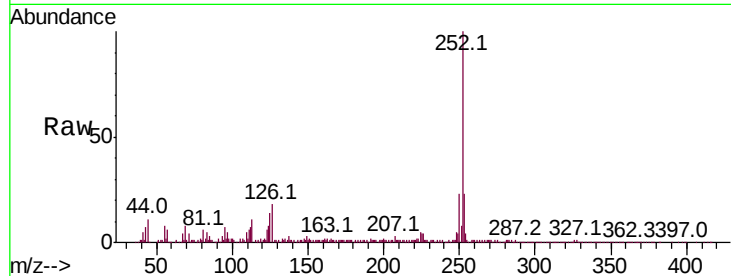
#89
Benzo(a)pyrene
Concen: 8.465 ng
RT: 15.21 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BF108797.D
Acq: 6 Sep 2018 1:44

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-#13

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	14.1	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 5.478 ng
RT: 17.02 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BF108797.D
Acq: 6 Sep 2018 1:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	24.4	21.8	32.8

