

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108798.D
 Acq On : 6 Sep 2018 2:11
 Operator : JU/SJ
 Sample : J4791-05 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-#14

Manual Integrations
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Sohil
 9/6/2018 4:45:54 PM

Quant Time: Sep 06 07:37:47 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	292750	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1082060	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	444150	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	722544	20.00	ng	0.00
75) Chrysene-d12	13.87	240	601617	20.00	ng	0.00
86) Perylene-d12	15.27	264	482784	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	479850	27.15	ng	0.00
7) Phenol-d6	6.36	99	626720	27.56	ng	0.00
23) Nitrobenzene-d5	7.29	82	339624	19.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	95833	22.60	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	664153	25.51	ng	0.00
78) Terphenyl-d14	12.82	244	534700	20.73	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	241884	7.786	ng	99
70) Phenanthrene	11.27	178	248634	7.206	ng	97
71) Anthracene	11.31	178	68211	2.065	ng	98
74) Fluoranthene	12.45	202	598563	17.521	ng	97
77) Pyrene	12.67	202	571783	12.351	ng	99
80) Benzo(a)anthracene	13.85	228	303208	7.863	ng	94
82) Chrysene	13.89	228	267315	7.161	ng	97
85) Indeno(1,2,3-cd)pyrene	16.61	276	128344	3.885	ng	93
87) Benzo(b)fluoranthene	14.87	252	318835m	12.145	ng	
88) Benzo(k)fluoranthene	14.89	252	96217m	3.980	ng	
89) Benzo(a)pyrene	15.21	252	208992	8.823	ng	96
91) Benzo(a,h,i)perylene	17.02	276	121620	5.820	ng	96

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

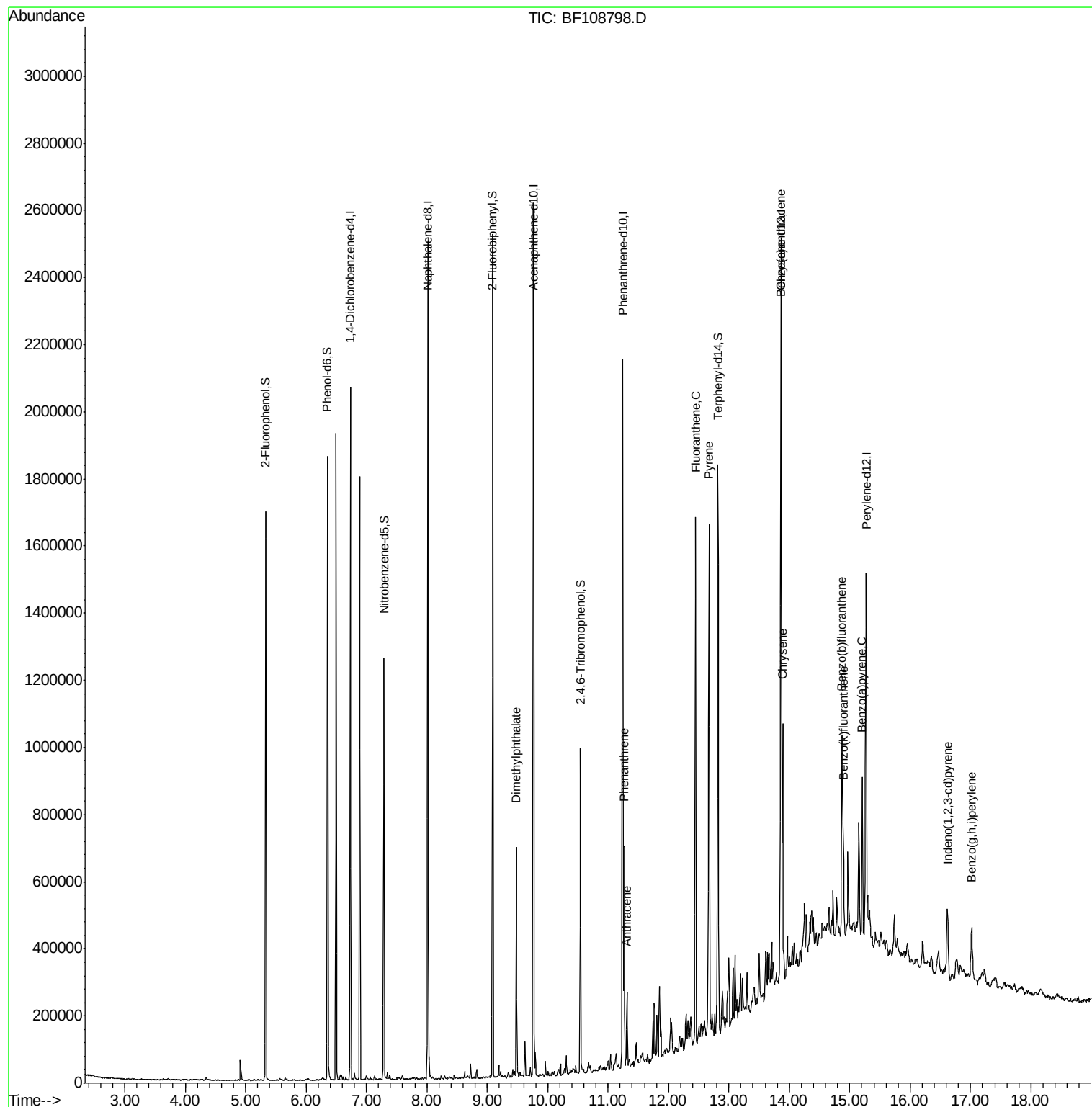
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
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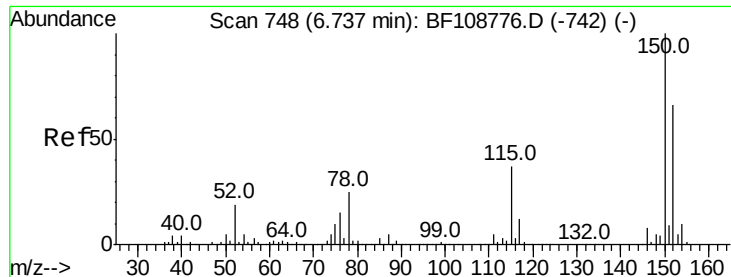
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

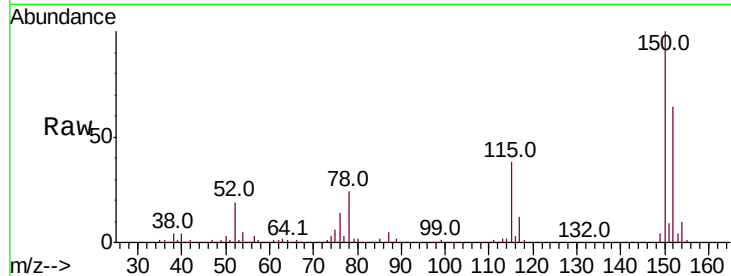
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108798.D
Acq: 6 Sep 2018 2:11

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-#14

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	60.0	50.1	75.1

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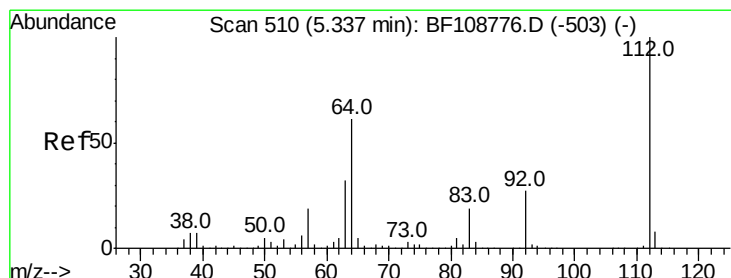
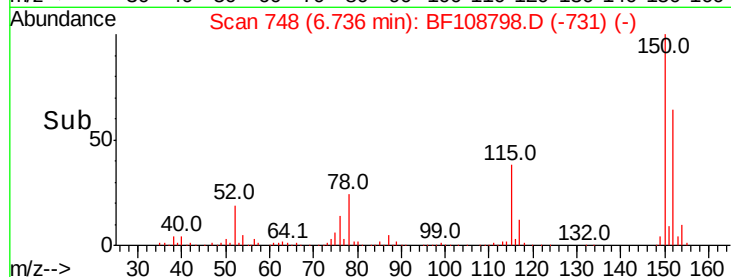
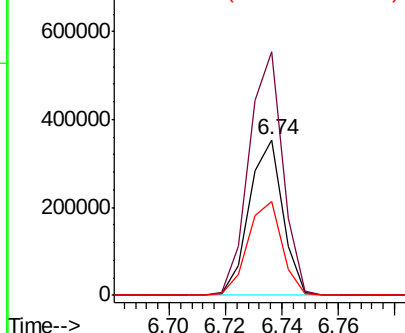


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

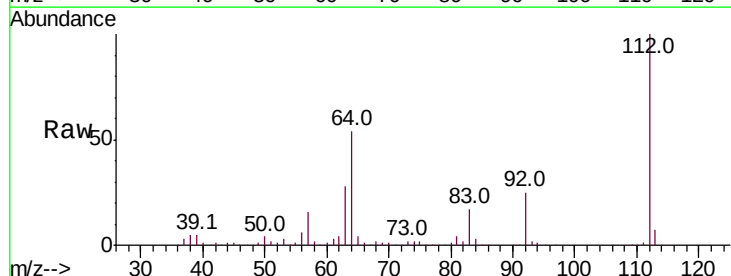
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 27.155 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF108798.D
Acq: 6 Sep 2018 2:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	47.9	71.9
63	27.8	23.7	35.5

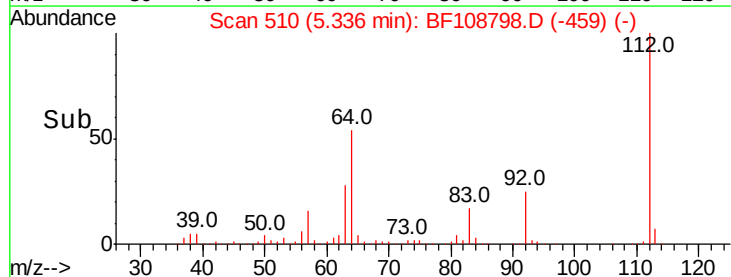
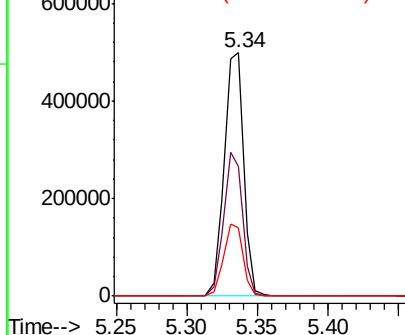


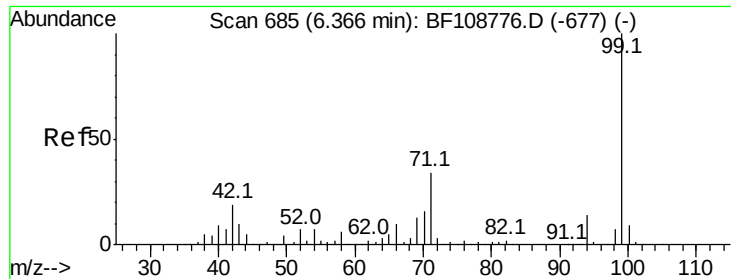
Abundance

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: 27.564 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108798.D

Acq: 6 Sep 2018 2:11

Instrument :

BNA_F

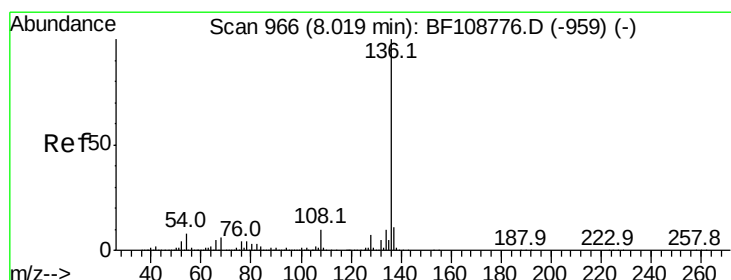
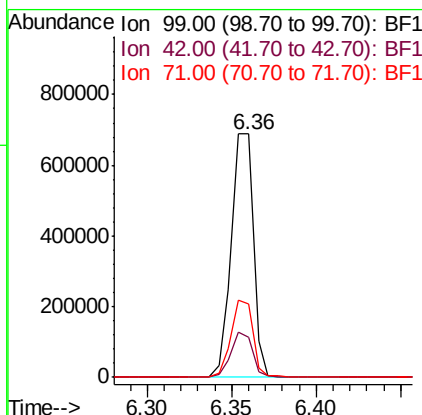
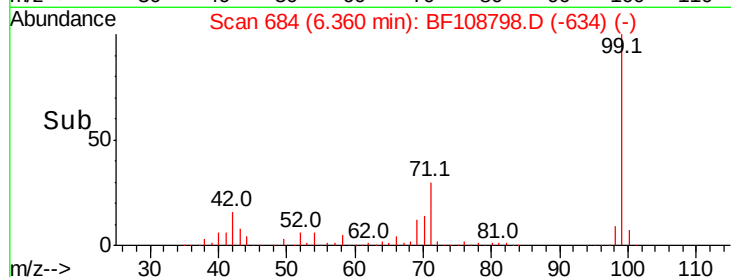
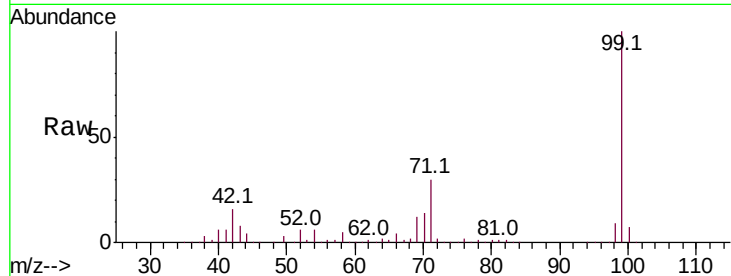
ClientSampleId :

DOCUMENTATION-#14

Tot Ion:	99	Resp:	626720
Ion Ratio	Lower	Upper	
99	100		
42	16.3	14.5	21.7
71	30.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

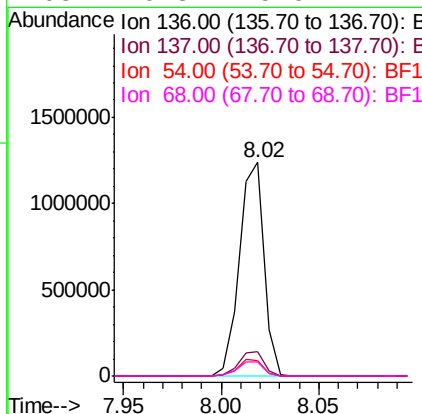
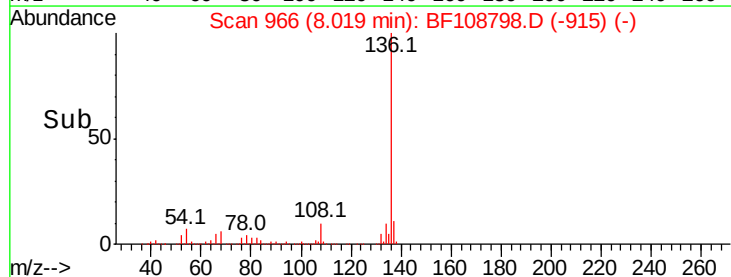
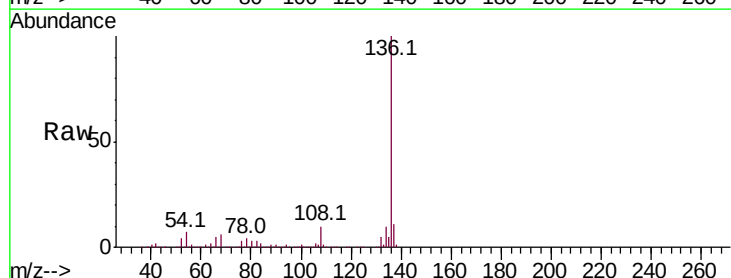
RT: 8.02 min Scan# 966

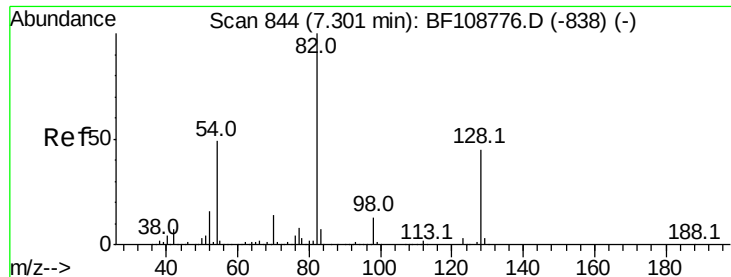
Delta R.T. -0.00 min

Lab File: BF108798.D

Acq: 6 Sep 2018 2:11

Tgt Ion:	136	Resp:	1082060
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	7.4	6.6	9.8
68	6.3	5.0	7.4





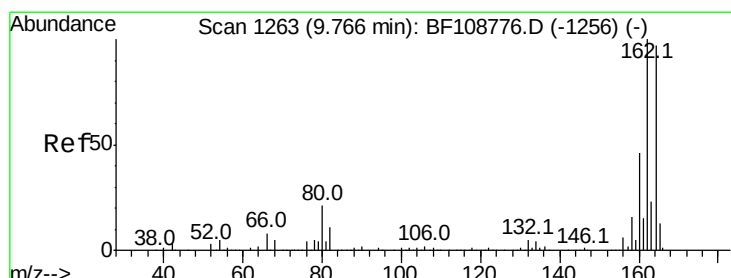
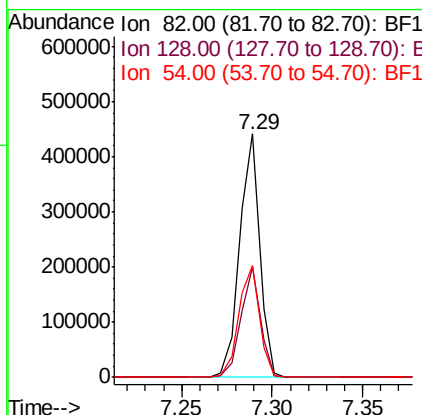
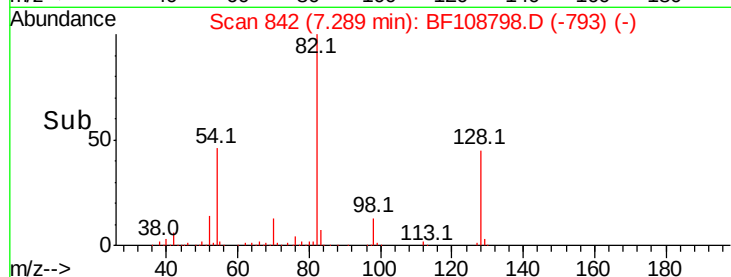
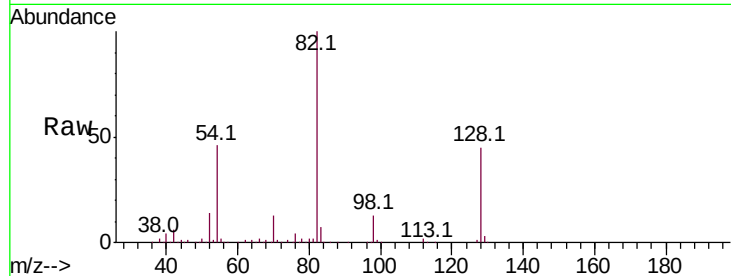
#23
 Nitrobenzene-d5
 Concen: 19.642 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108798.D
 Acq: 6 Sep 2018 2:11

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.2	36.1	54.1	
54	46.1	41.4	62.2	

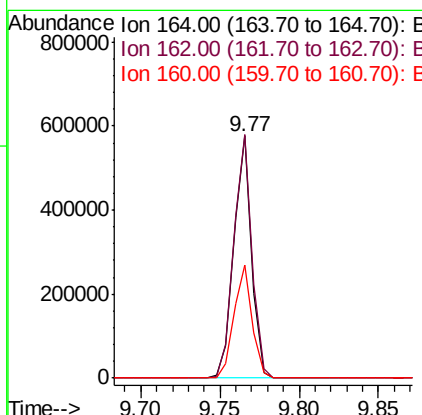
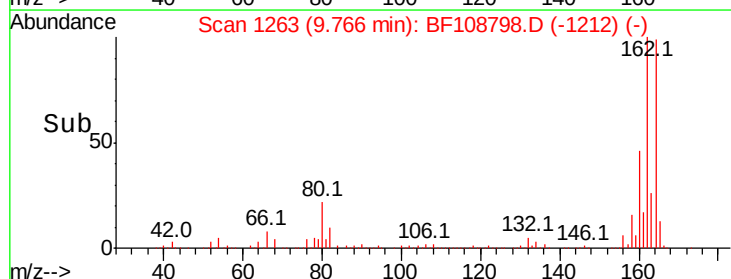
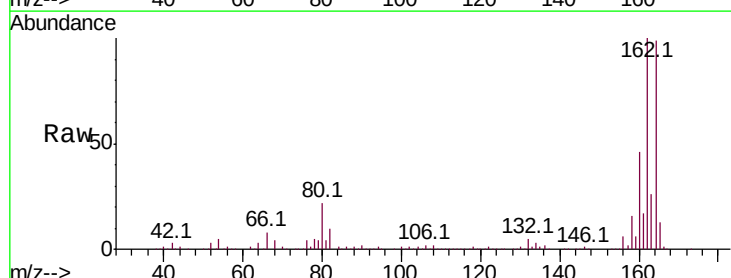
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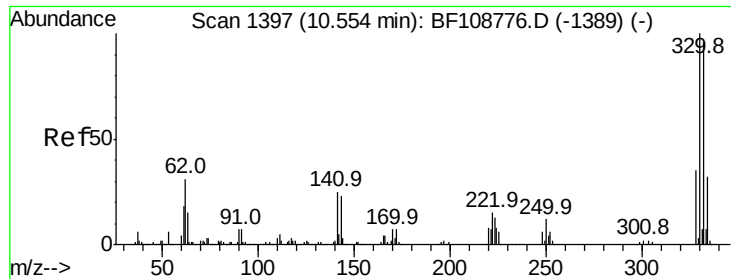
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108798.D
 Acq: 6 Sep 2018 2:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.6	86.1	129.1	
160	46.6	38.3	57.5	





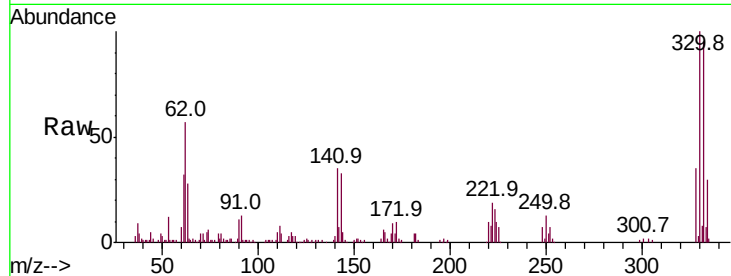
#41
 2,4,6-Tribromophenol
 Concen: 22.602 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108798.D
 Acq: 6 Sep 2018 2:11

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-#14

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	77.0	115.6	
141	34.4	29.9	44.9	

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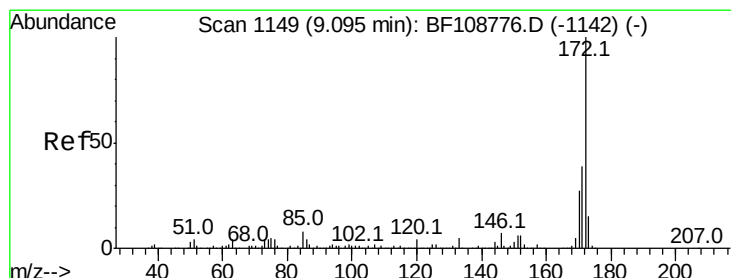
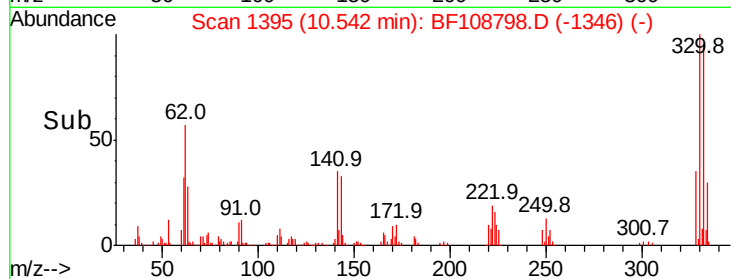
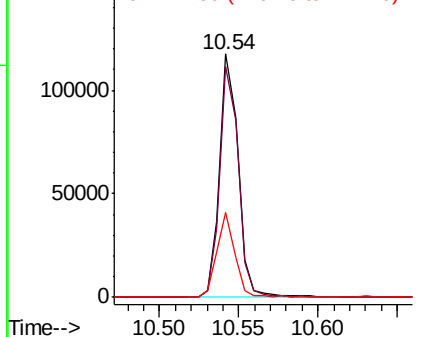


Abundance

Ion 329.80 (329.50 to 330.50): E

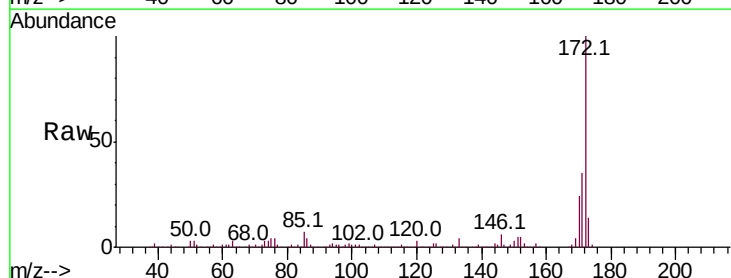
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 25.510 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108798.D
 Acq: 6 Sep 2018 2:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.0	29.7	44.5	
170	23.7	19.6	29.4	

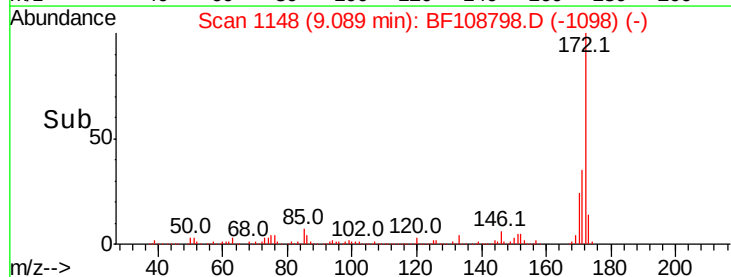
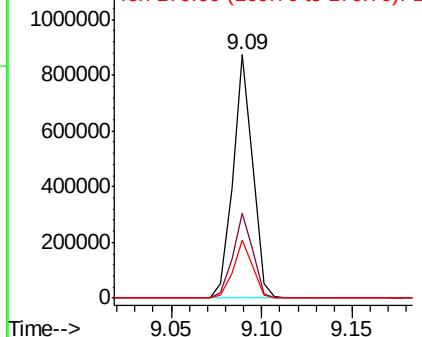


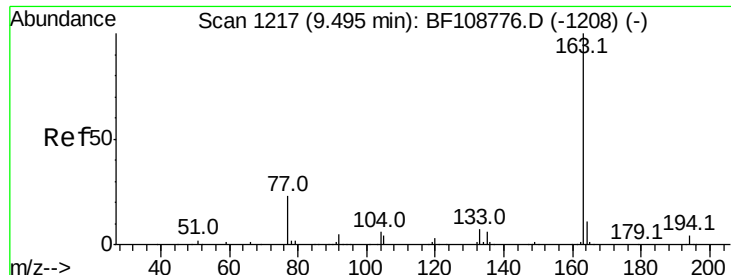
Abundance

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





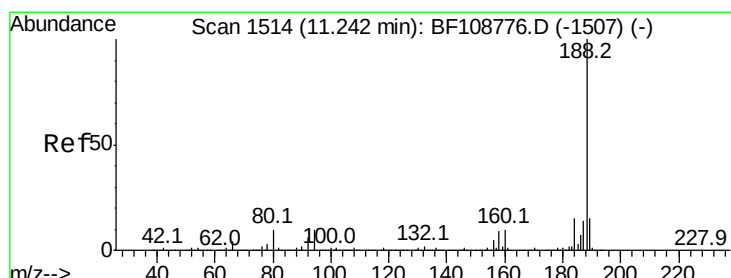
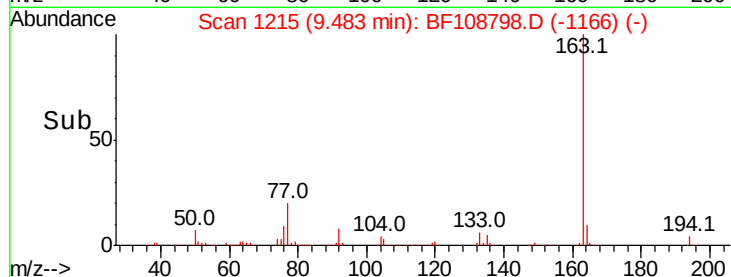
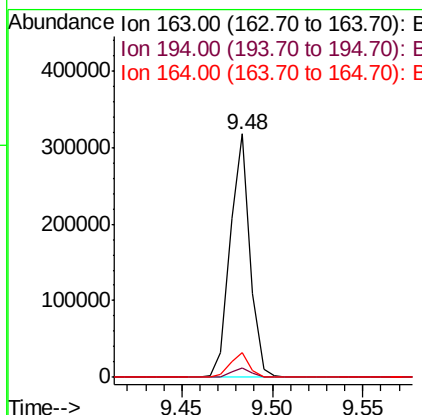
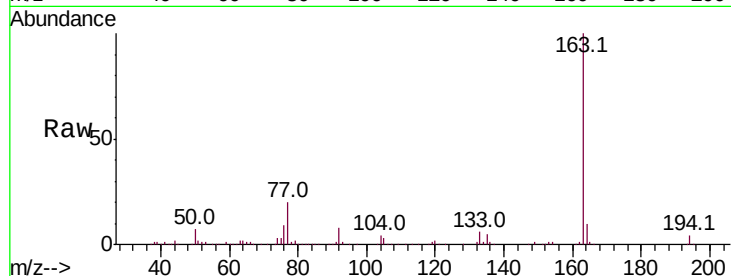
#49
Dimethylphthalate
Concen: 7.786 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108798.D
Acq: 6 Sep 2018 2:11

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-#14

Tot Ion	Ratio	Resp	Lower	Upper
163	100	241884		
194	4.0	2.7	4.1	
164	10.0	8.2	12.2	

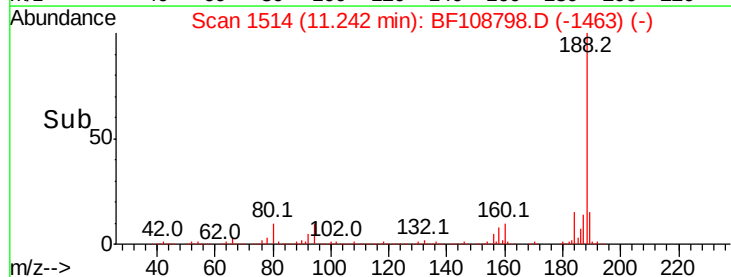
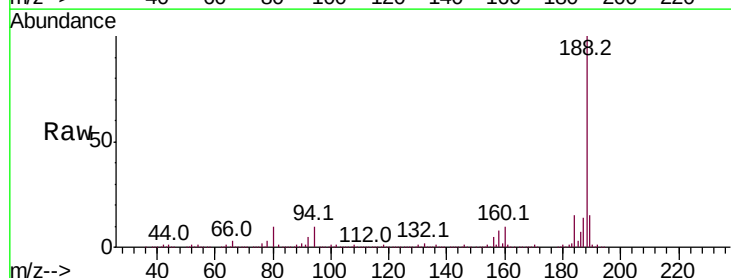
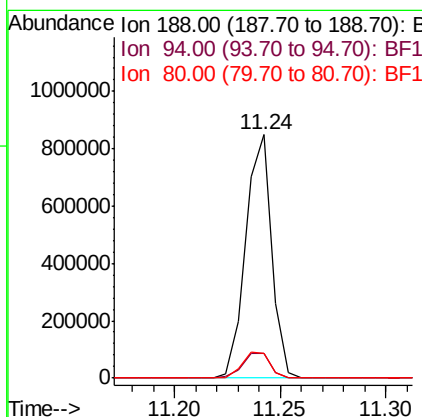
Manual Integrations
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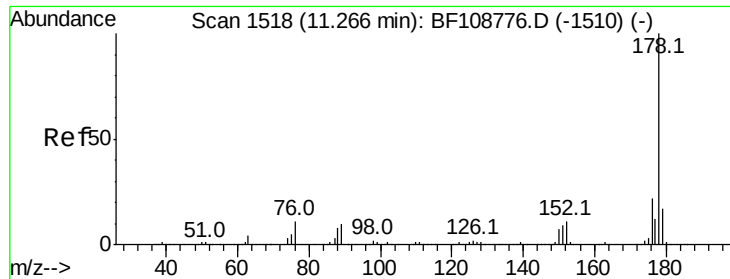
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108798.D
Acq: 6 Sep 2018 2:11

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	722544		
94	10.3	8.5	12.7	
80	10.4	9.2	13.8	





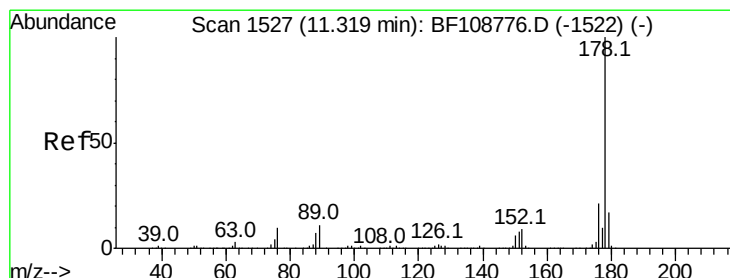
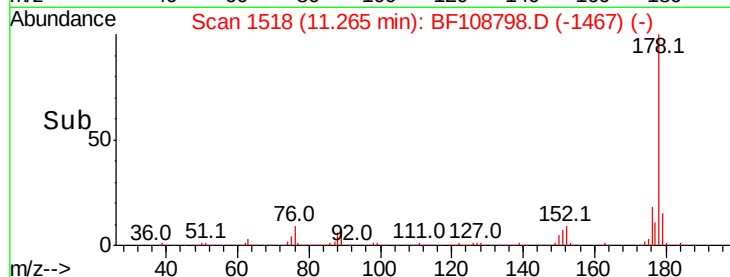
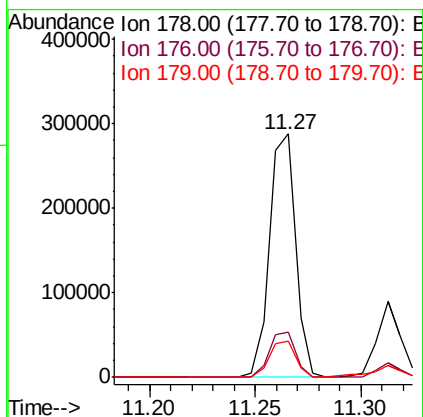
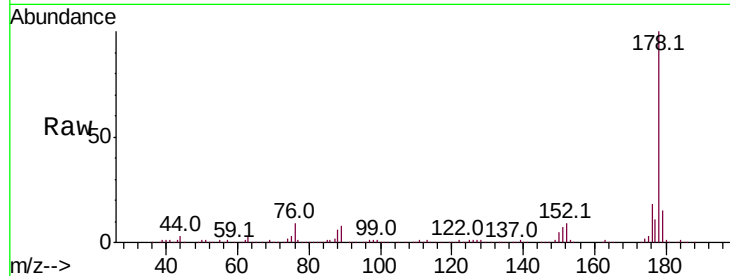
#70
Phenanthrene
Concen: 7.206 ng
RT: 11.27 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF108798.D
Acq: 6 Sep 2018 2:11

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-#14

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	14.7	13.0	19.6

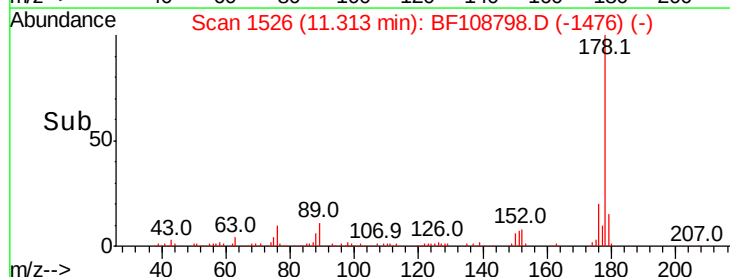
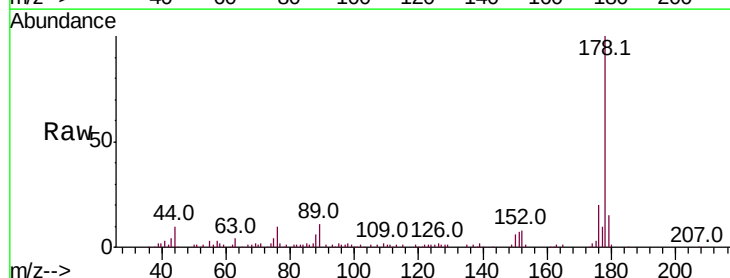
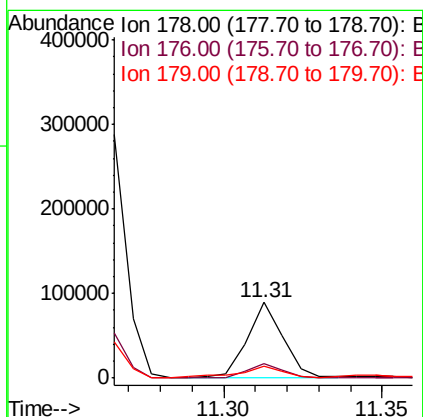
Manual Integrations
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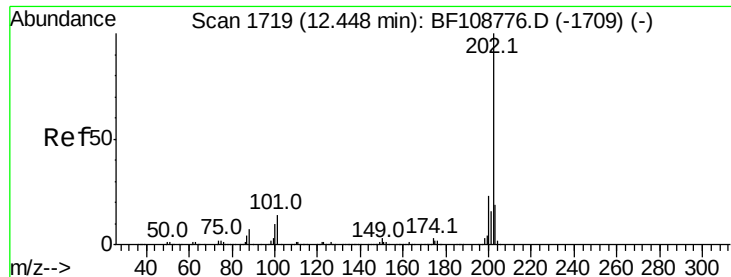
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#71
Anthracene
Concen: 2.065 ng
RT: 11.31 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF108798.D
Acq: 6 Sep 2018 2:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	15.0	12.6	19.0





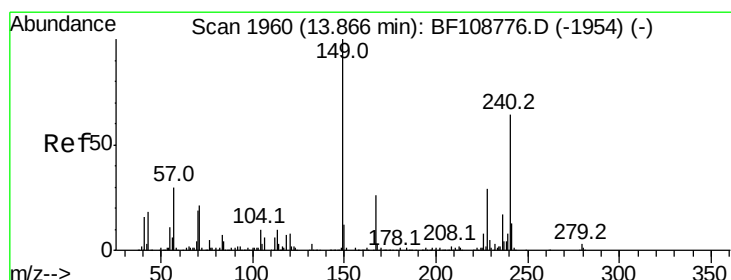
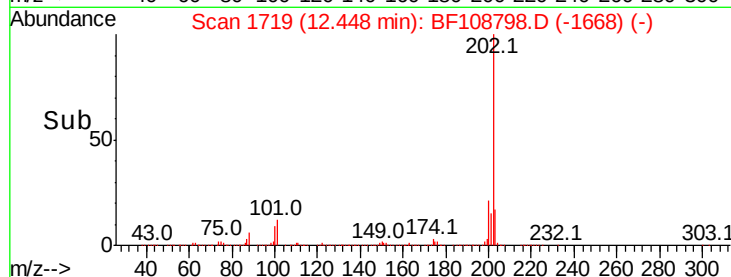
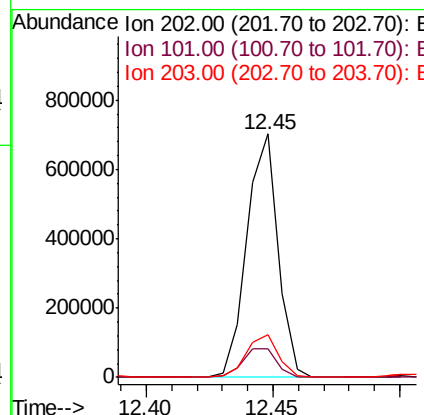
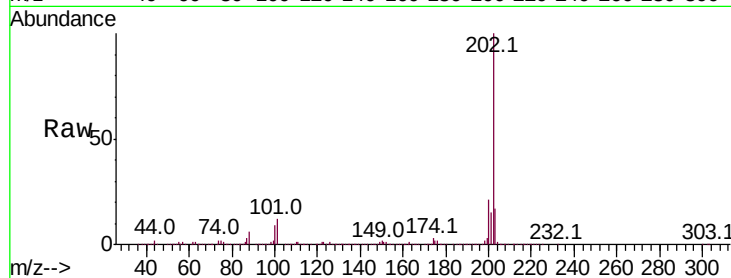
#74
 Fluoranthene
 Concen: 17.521 ng
 RT: 12.45 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BF108798.D
 Acq: 6 Sep 2018 2:11

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-#14

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	0.0	34.1
203	17.3	0.0	38.1

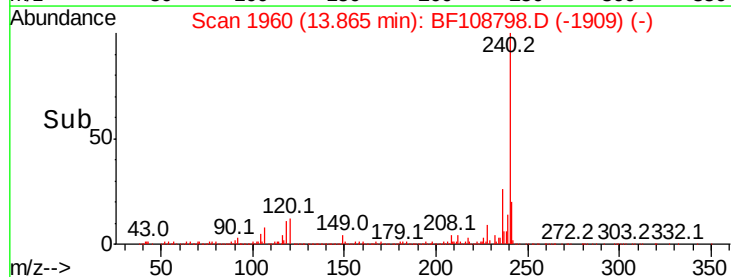
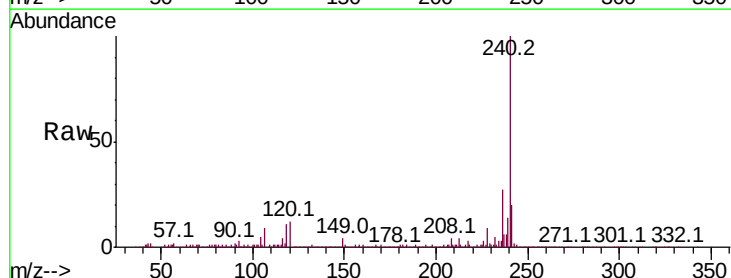
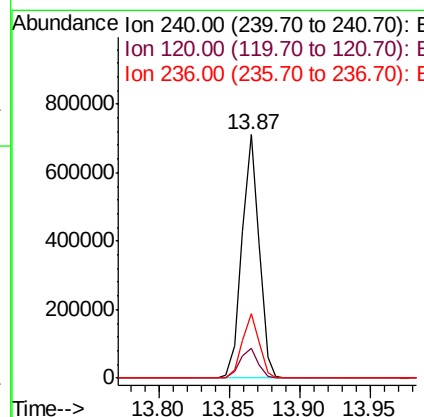
Manual Integrations
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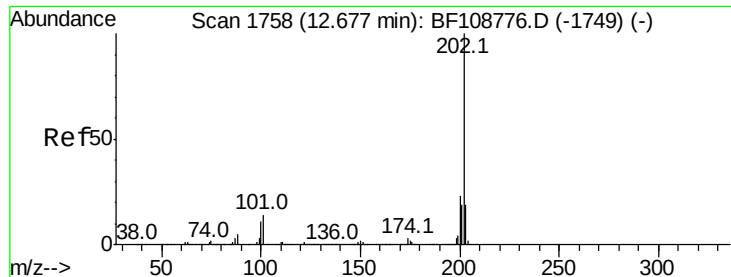
Sohil
 9/6/2018 4:45:54 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BF108798.D
 Acq: 6 Sep 2018 2:11

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.5	20.7	31.1





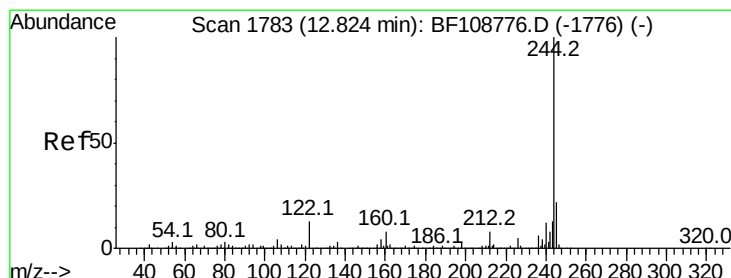
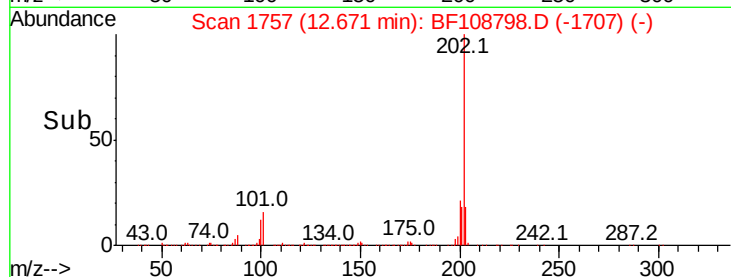
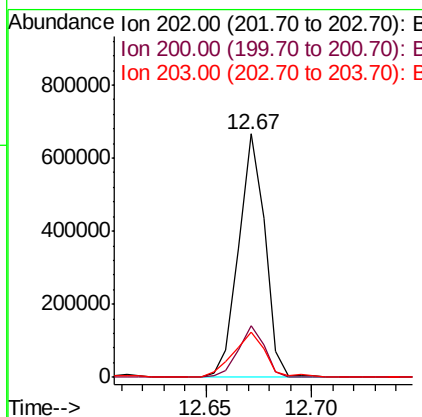
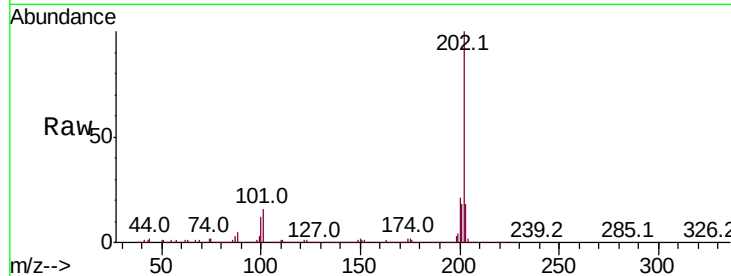
#77
Pvrene
Concen: 12.351 ng
RT: 12.67 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF108798.D
Acq: 6 Sep 2018 2:11

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-#14

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.5	14.3	21.5

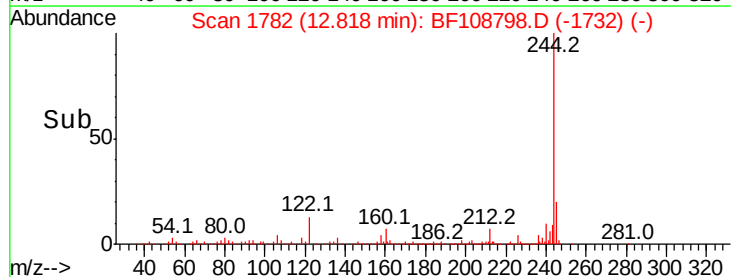
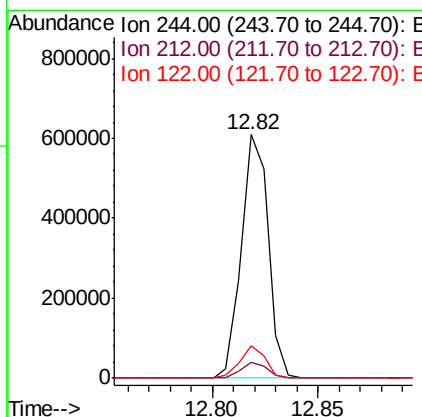
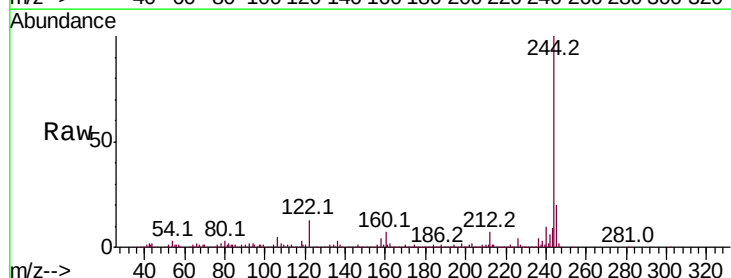
Manual Integrations
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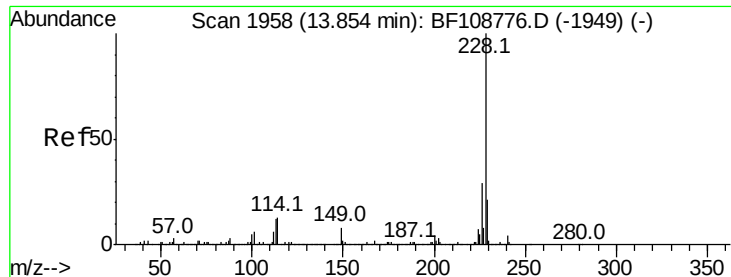
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#78
Terphenyl-d14
Concen: 20.725 ng
RT: 12.82 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF108798.D
Acq: 6 Sep 2018 2:11

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.5	11.0	16.4





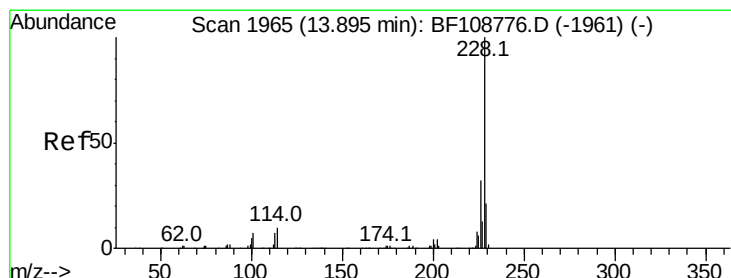
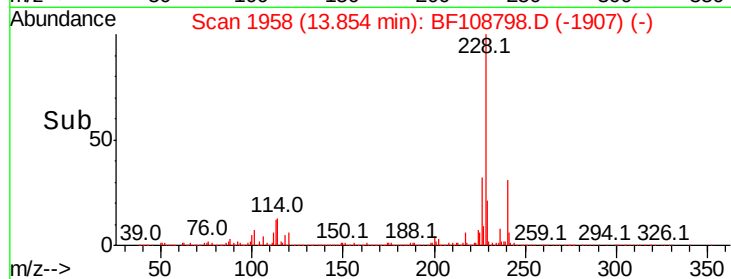
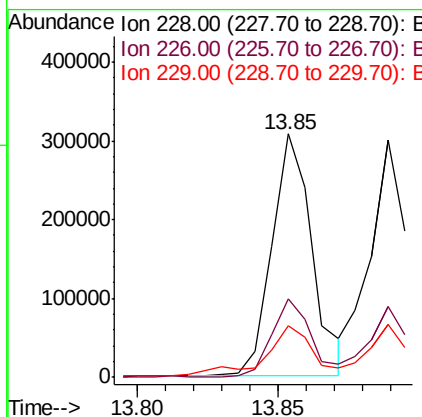
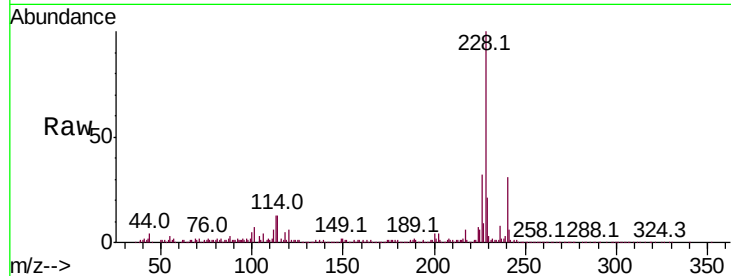
#80
Benzo(a)anthracene
Concen: 7.863 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BF108798.D
Acq: 6 Sep 2018 2:11

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-#14

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.6	33.8
229	21.1	15.8	23.6

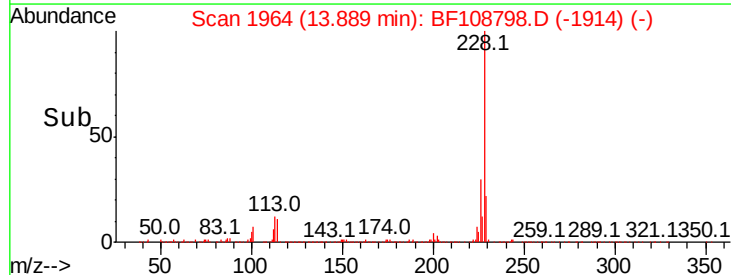
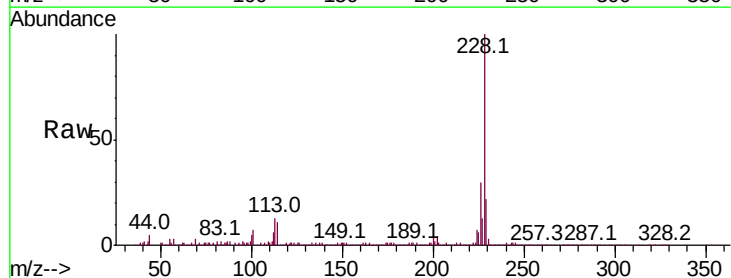
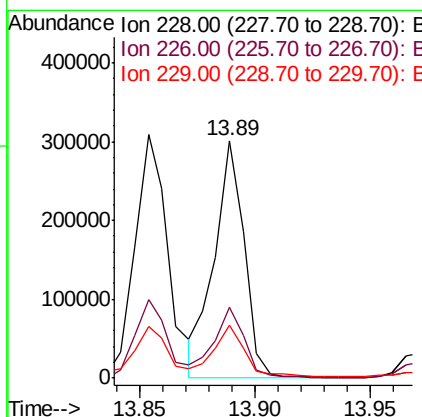
Manual Integrations
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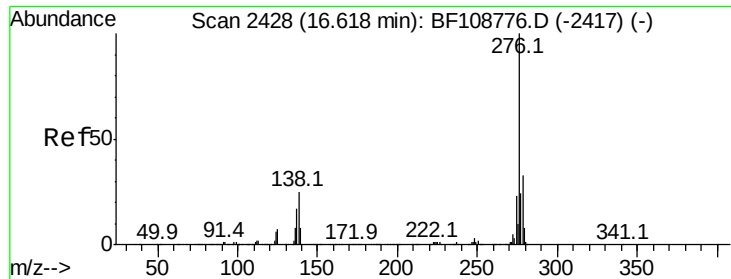
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#82
Chrysene
Concen: 7.161 ng
RT: 13.89 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BF108798.D
Acq: 6 Sep 2018 2:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	22.4	16.2	24.4





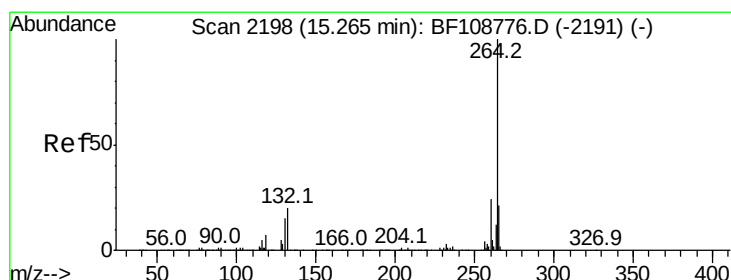
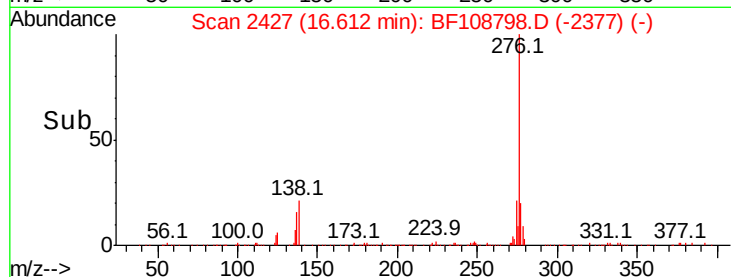
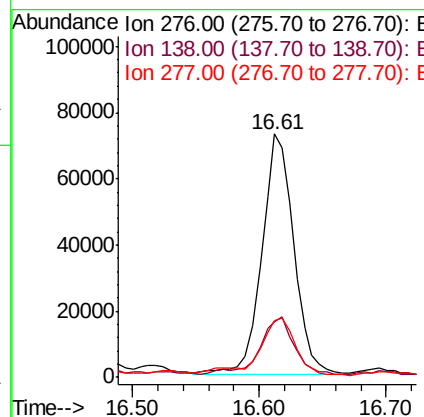
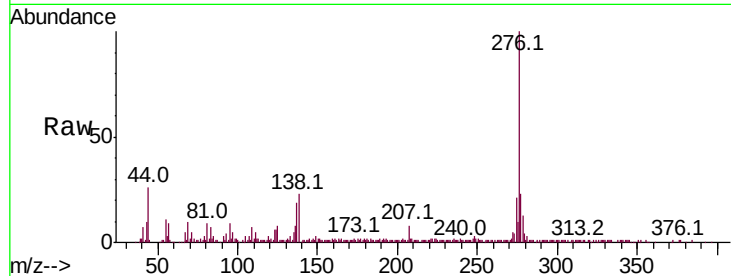
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.885 ng
 RT: 16.61 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BF108798.D
 Acq: 6 Sep 2018 2:11

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-#14

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	25.0	37.6
277	24.0	20.1	30.1

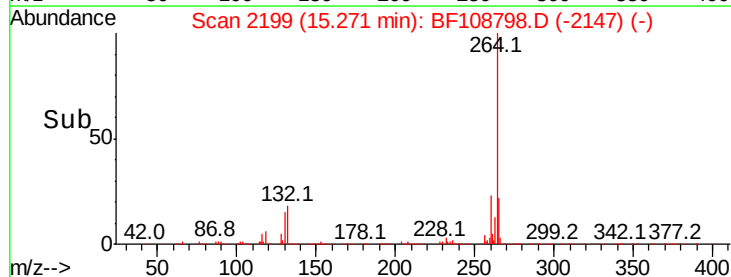
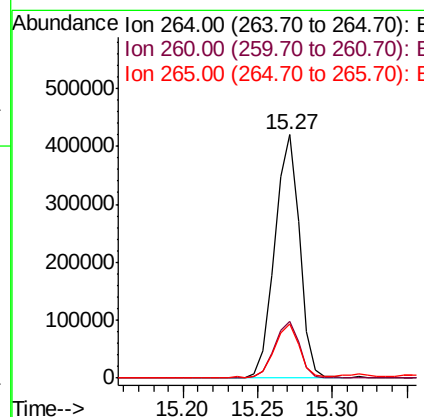
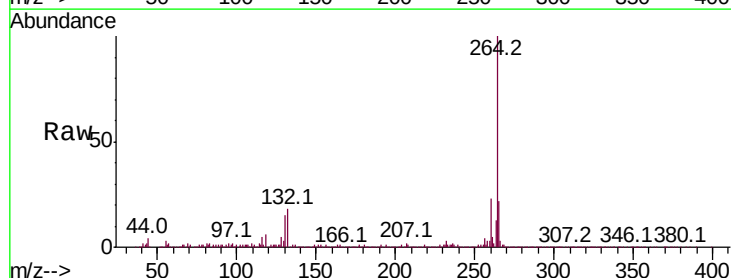
Manual Integrations
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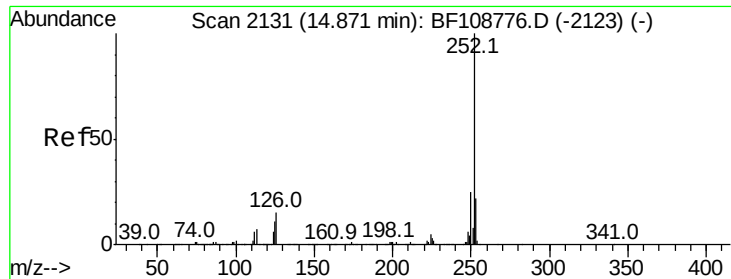
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: BF108798.D
 Acq: 6 Sep 2018 2:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 12.145 ng m

RT: 14.87 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BF108798.D

Acq: 6 Sep 2018 2:11

Instrument :

BNA_F

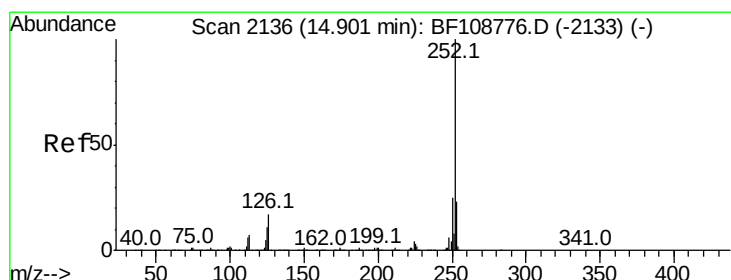
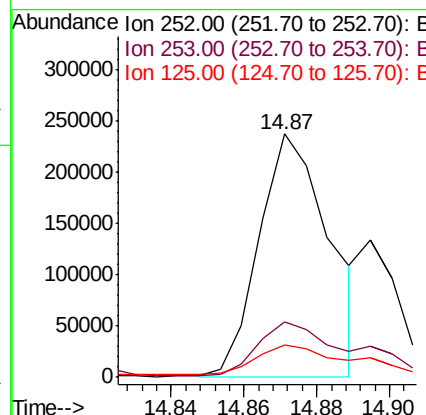
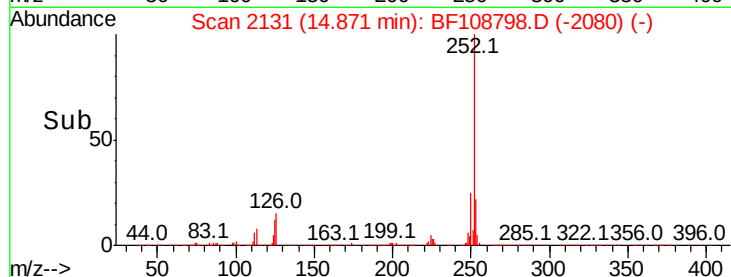
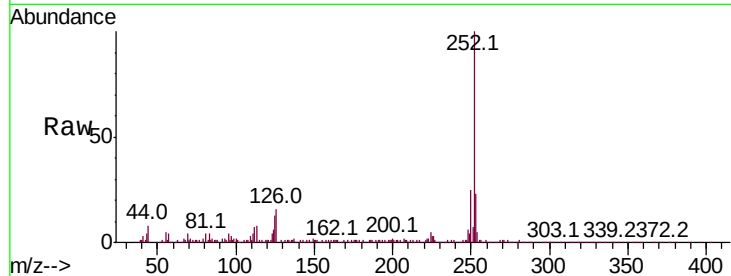
ClientSampleId :

DOCUMENTATION-#14

Tot Ion:	252	Resp:	318835
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.0	25.6
125	13.3	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 3.980 ng m

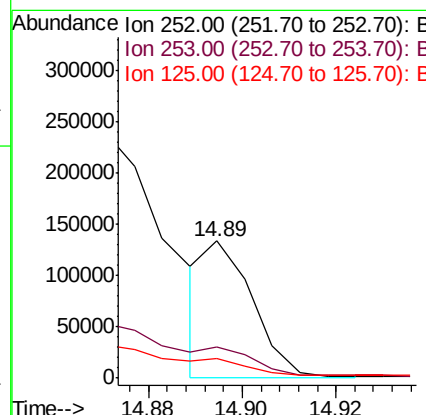
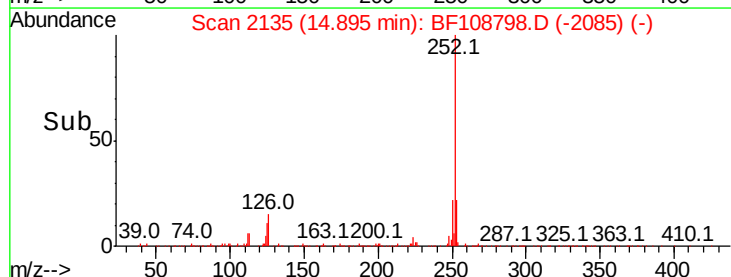
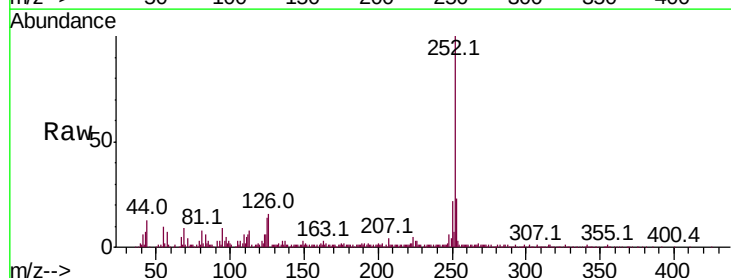
RT: 14.89 min Scan# 2135

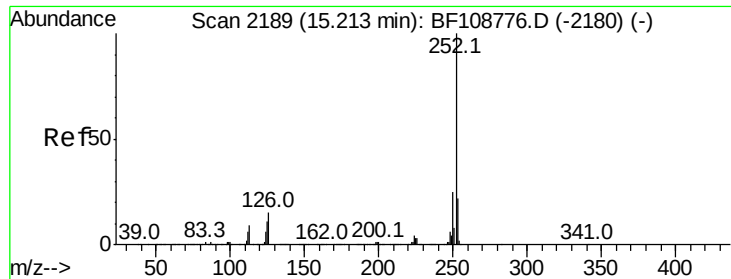
Delta R.T. -0.01 min

Lab File: BF108798.D

Acq: 6 Sep 2018 2:11

Tgt Ion:	252	Resp:	96217
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.9	26.9
125	13.9	10.2	15.2





#89

Benzo(a)pyrene

Concen: 8.823 ng

RT: 15.21 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BF108798.D

Acq: 6 Sep 2018 2:11

Instrument :

BNA_F

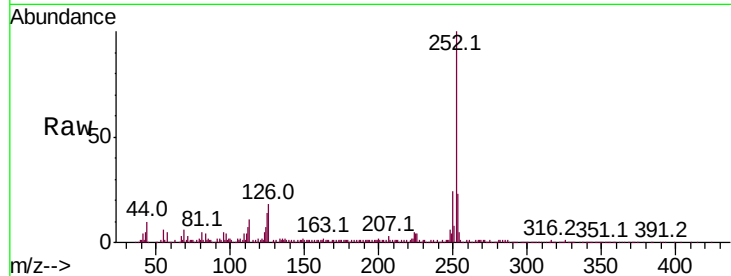
ClientSampleId :

DOCUMENTATION-#14

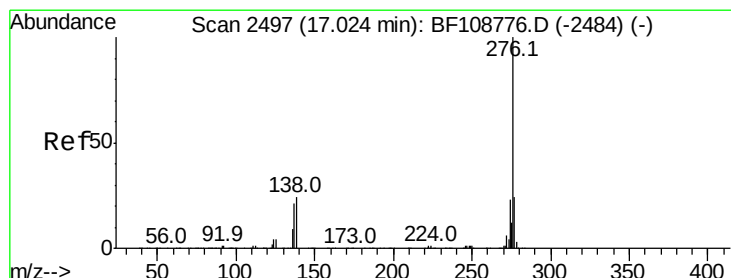
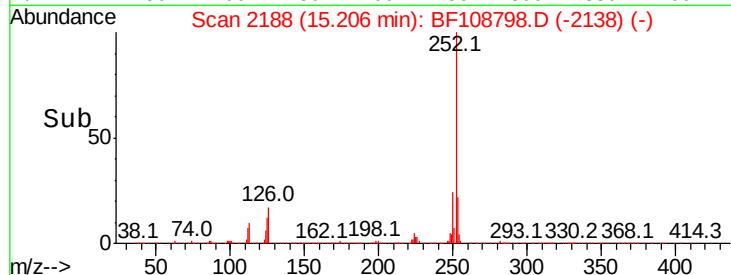
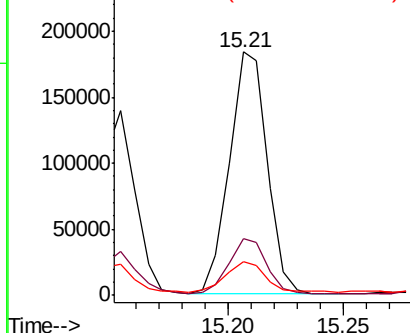
Tot Ion:	252	Resp:	208992
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.1	25.7
125	13.9	9.8	14.6

Manual Integrations
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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



#91

Benzo(g,h,i)perylene

Concen: 5.820 ng

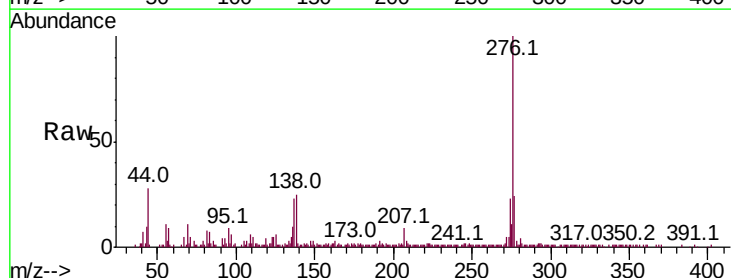
RT: 17.02 min Scan# 2496

Delta R.T. -0.01 min

Lab File: BF108798.D

Acq: 6 Sep 2018 2:11

Tgt Ion:	276	Resp:	121620
Ion Ratio	Lower	Upper	
276	100		
277	24.1	17.9	26.9
138	24.6	21.8	32.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

