

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109704.D
 Acq On : 9 Oct 2018 19:31
 Operator : JU/SJ
 Sample : J5201-05 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-100818-C

Manual Integrations
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 10/10/2018 11:37:13 AM

Quant Time: Oct 10 09:39:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	81059	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	322039	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	126257	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	214756	20.00	ng	0.00
75) Chrysene-d12	13.83	240	214516	20.00	ng	0.00
86) Perylene-d12	15.23	264	164461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	180388	39.50	ng	-0.01
7) Phenol-d6	6.34	99	274518	45.00	ng	-0.02
23) Nitrobenzene-d5	7.26	82	160080	27.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	47472	34.51	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	254543	27.77	ng	0.00
78) Terphenyl-d14	12.78	244	209043	18.86	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.45	163	28747	3.105	ng	# 99
70) Phenanthrene	11.23	178	25450	2.368	ng	96
74) Fluoranthene	12.41	202	59000	5.255	ng	95
77) Pyrene	12.64	202	53096	3.378	ng	97
80) Benzo(a)anthracene	13.82	228	24321	2.055	ng	# 92
82) Chrysene	13.86	228	26301m	2.115	ng	
87) Benzo(b)fluoranthene	14.84	252	26436m	2.909	ng	
89) Benzo(a)pyrene	15.17	252	18961	2.299	ng	# 76

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

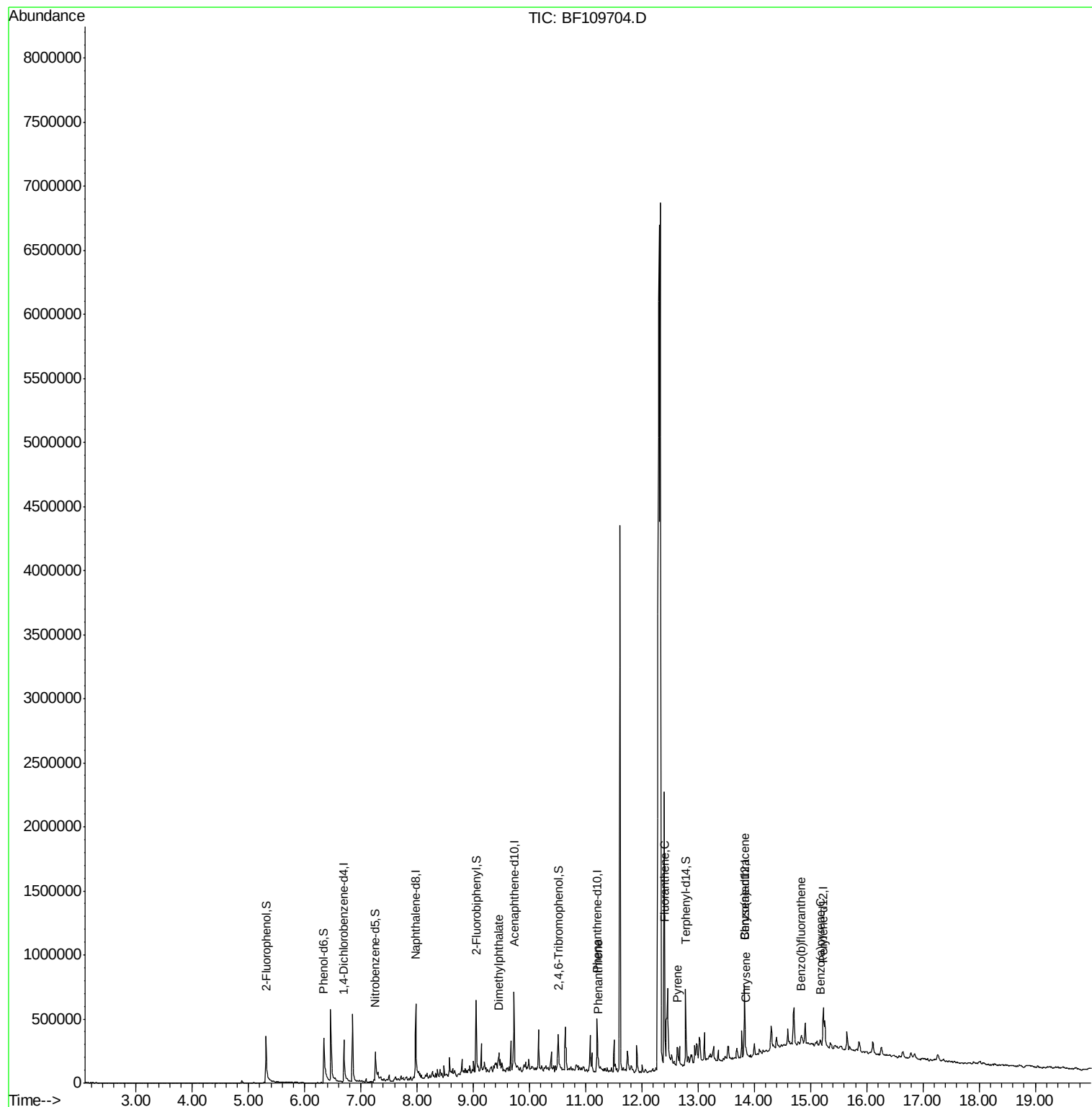
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109704.D
Acq On : 9 Oct 2018 19:31
Operator : JU/SJ
Sample : J5201-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

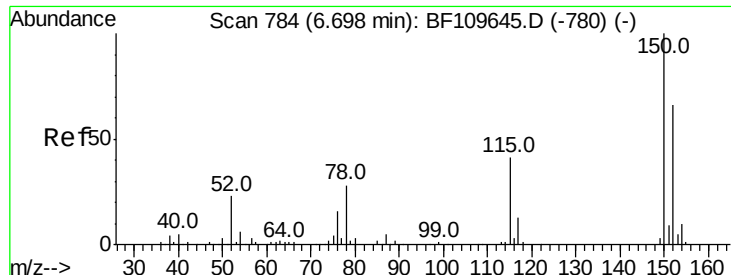
Instrument :
BNA_F
ClientSampleId :
EO-02-100818-C

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10/10/2018 11:37:13 AM

Quant Time: Oct 10 09:39:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
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#1

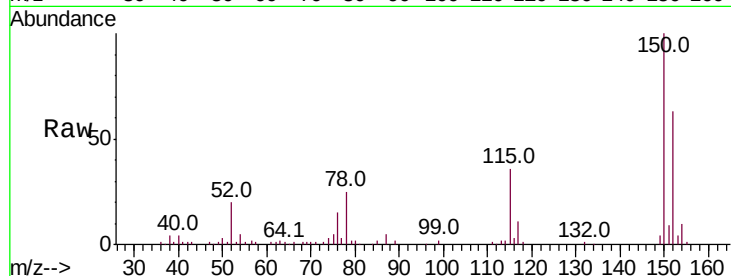
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	122.7	184.1
115	57.5	49.1	73.7

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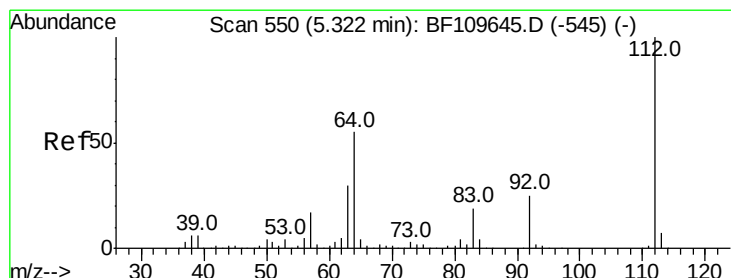
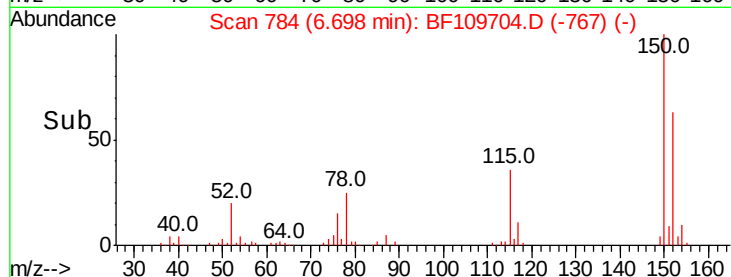
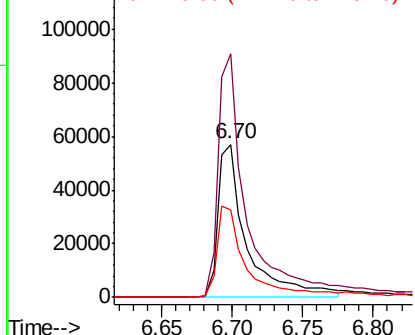


Abundance

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: 39.501 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

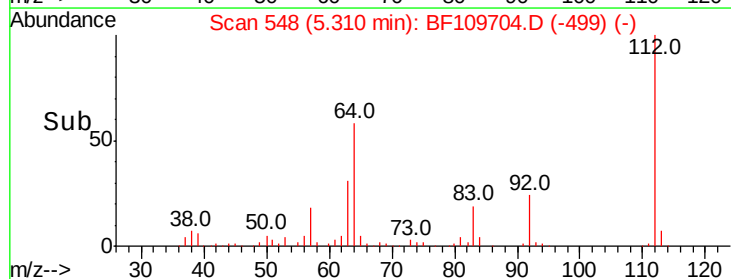
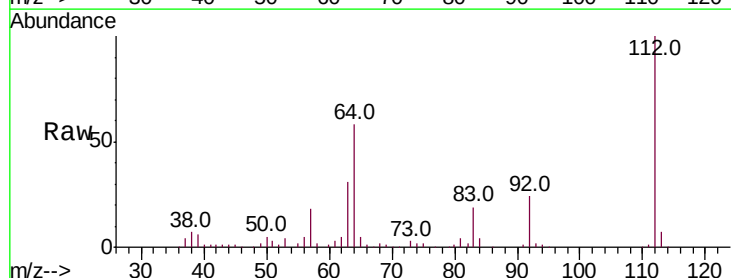
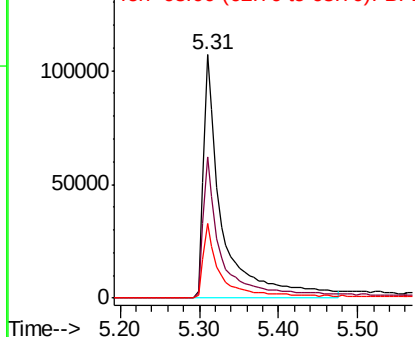
Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.1	66.1
63	30.9	23.7	35.5

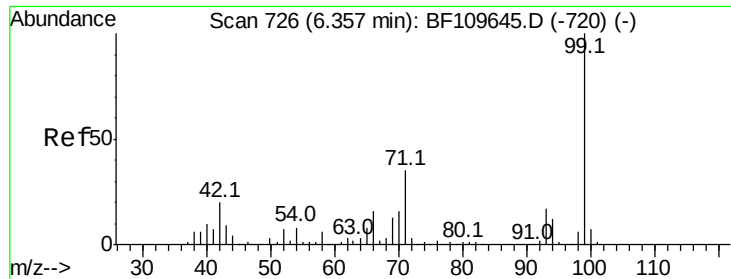
Abundance

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: 44.999 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109704.D

Acq: 9 Oct 2018 19:31

Instrument :

BNA_F

ClientSampleId :

EO-02-100818-C

Tot Ion: 99 Resp: 274518

Ion Ratio Lower Upper

99 100

42 20.0 15.8 23.6

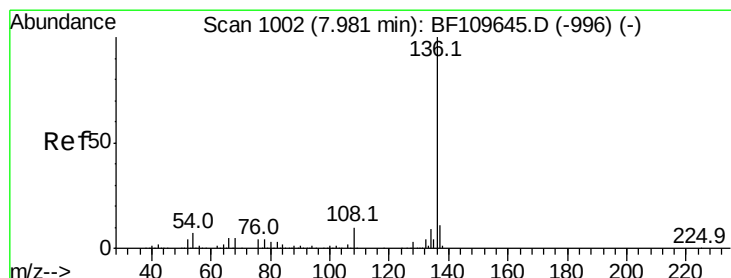
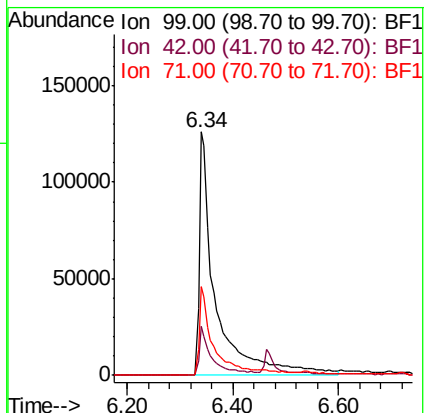
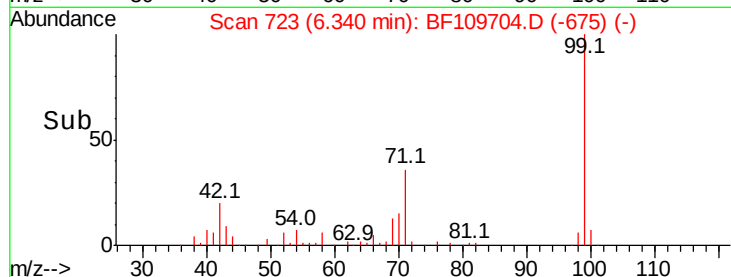
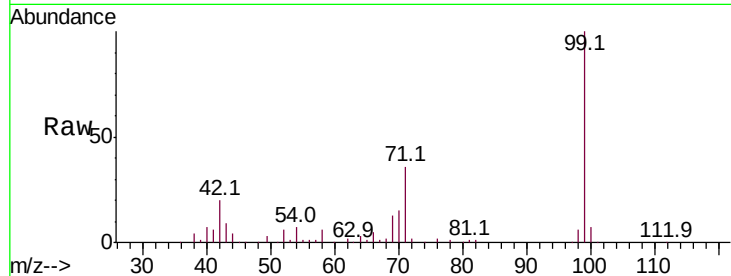
71 36.4 28.0 42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109704.D

Acq: 9 Oct 2018 19:31

Tgt Ion: 136 Resp: 322039

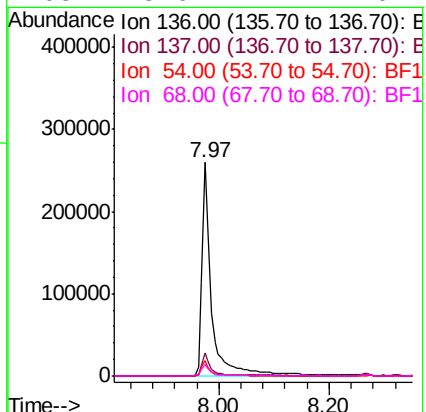
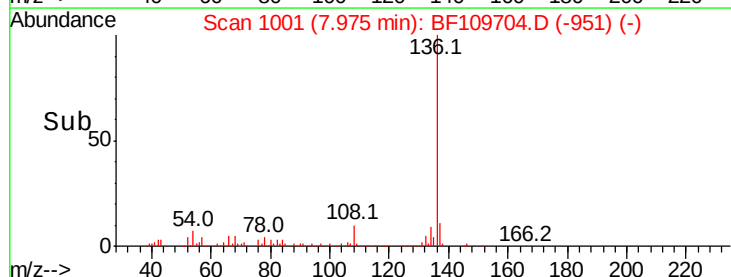
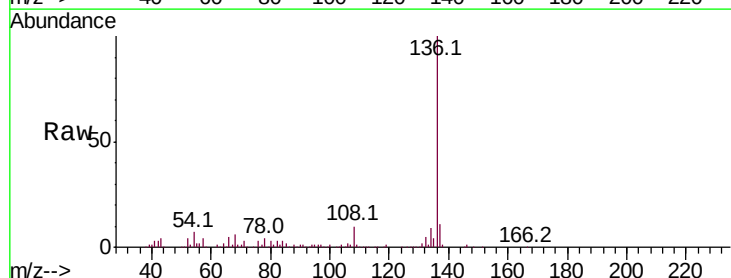
Ion Ratio Lower Upper

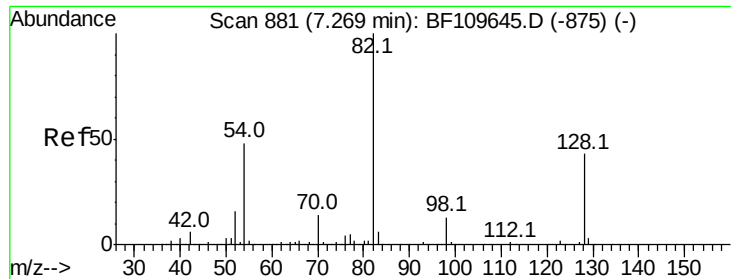
136 100

137 10.7 8.8 13.2

54 6.9 5.4 8.2

68 5.6 4.2 6.2





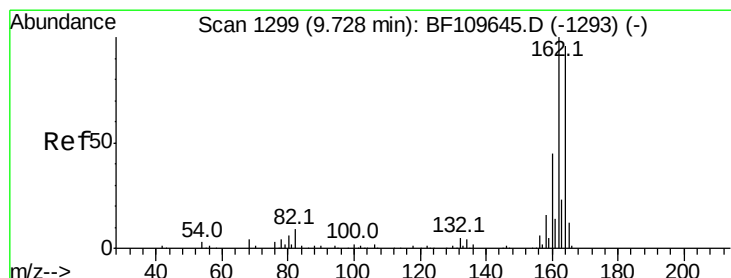
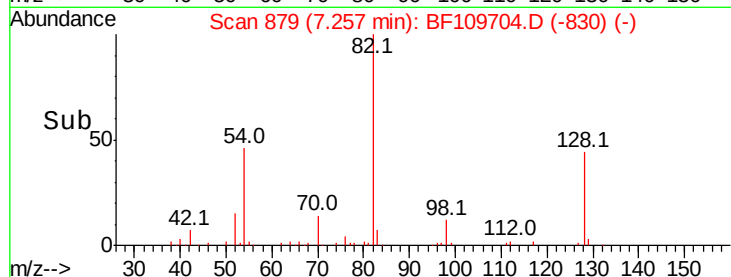
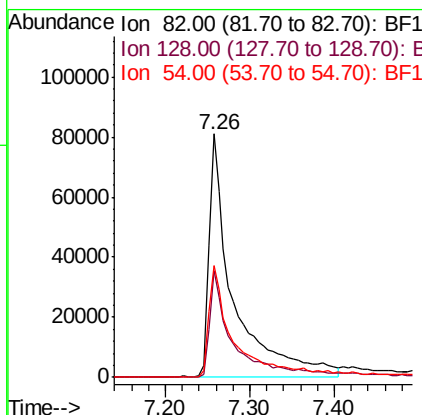
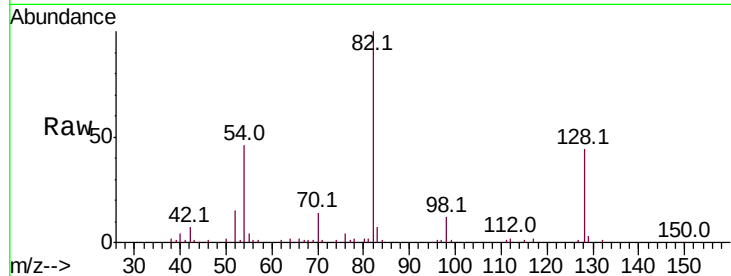
#23
 Nitrobenzene-d5
 Concen: 27.401 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109704.D
 Acq: 9 Oct 2018 19:31

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-100818-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.2	51.2
54	46.0	38.6	58.0

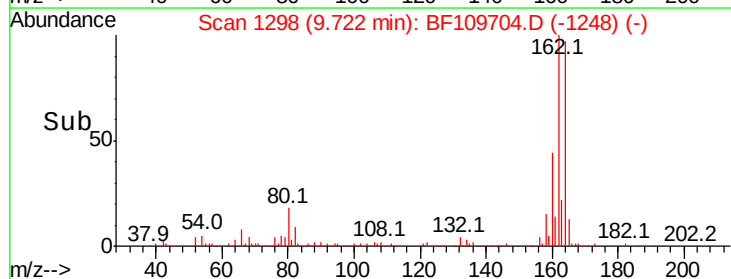
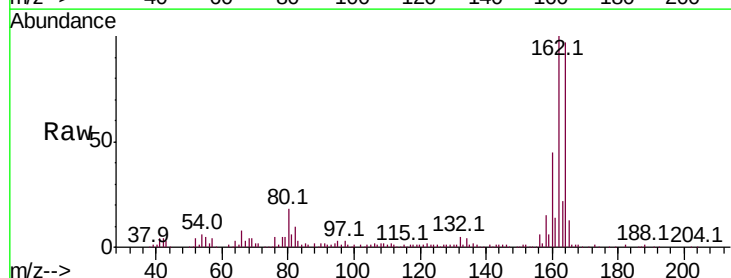
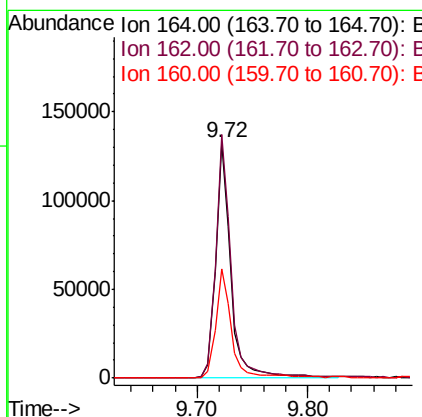
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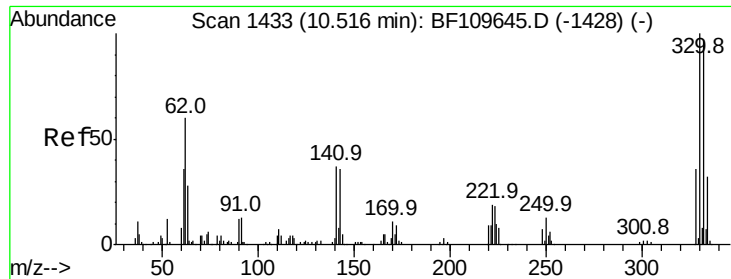
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109704.D
 Acq: 9 Oct 2018 19:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.0	124.6
160	46.3	37.0	55.6





#41

2,4,6-Tribromophenol

Concen: 34.507 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109704.D

Acq: 9 Oct 2018 19:31

Instrument :

BNA_F

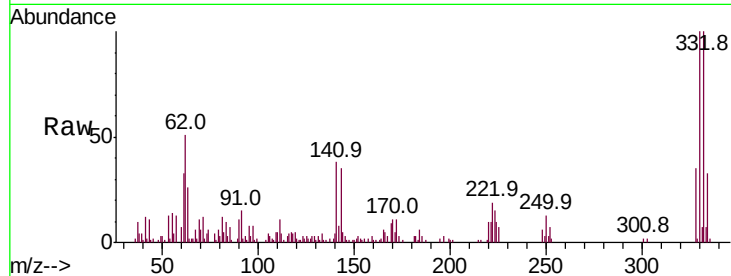
ClientSampleId :

EO-02-100818-C

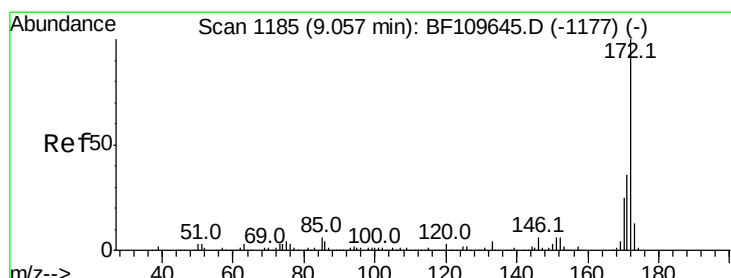
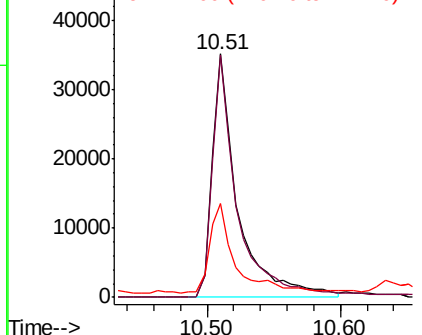
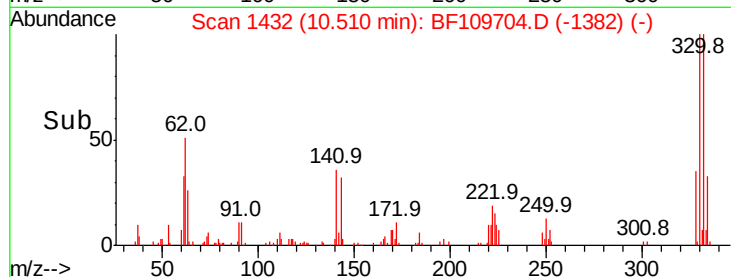
Tot Ion:	330	Resp:	47472
Ion Ratio	Lower	Upper	
330	100		
332	99.8	77.1	115.7
141	37.0	27.0	40.4

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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: 27.766 ng

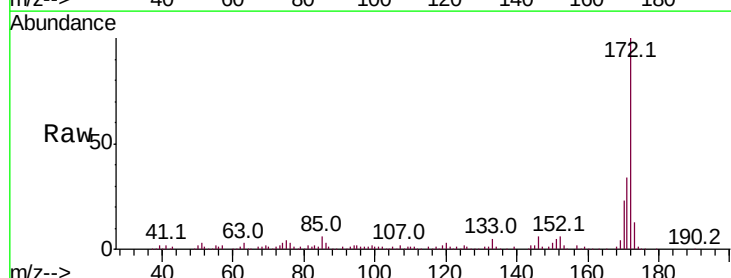
RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

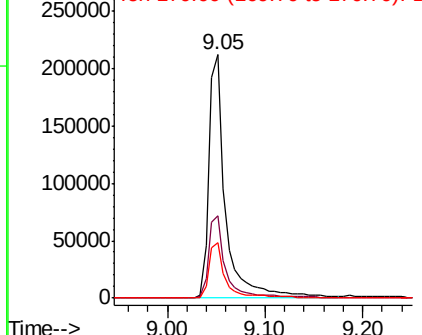
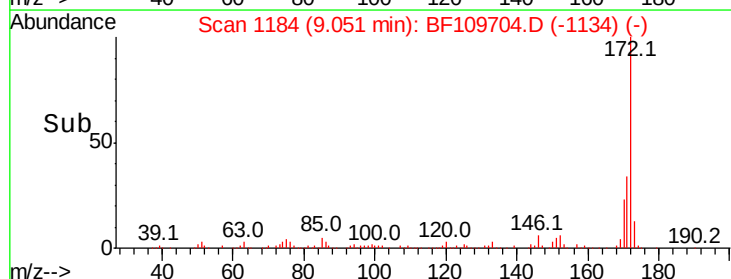
Lab File: BF109704.D

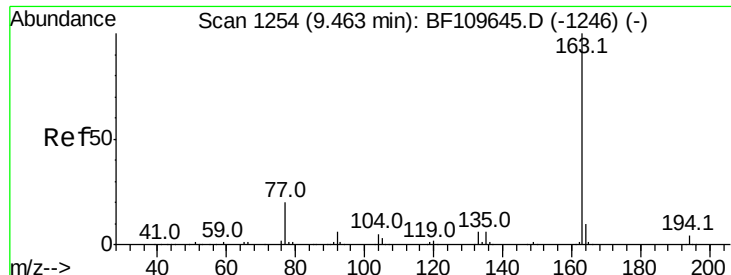
Acq: 9 Oct 2018 19:31

Tgt Ion:	172	Resp:	254543
Ion Ratio	Lower	Upper	
172	100		
171	33.7	28.6	43.0
170	22.9	19.7	29.5



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





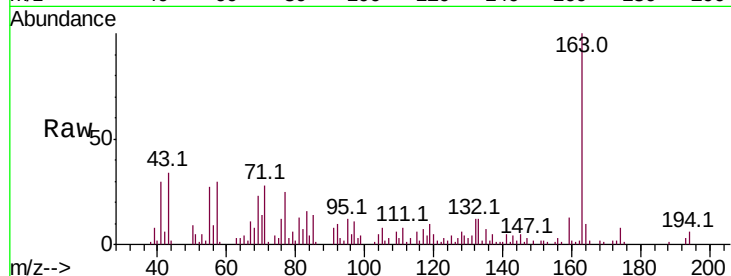
#49
Dimethylphthalate
Concen: 3.105 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-C

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.2	4.8#
164	10.2	8.1	12.1

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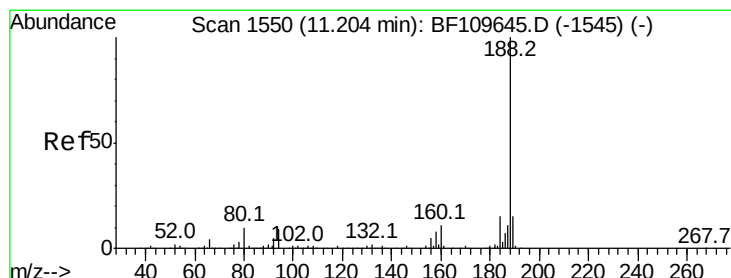
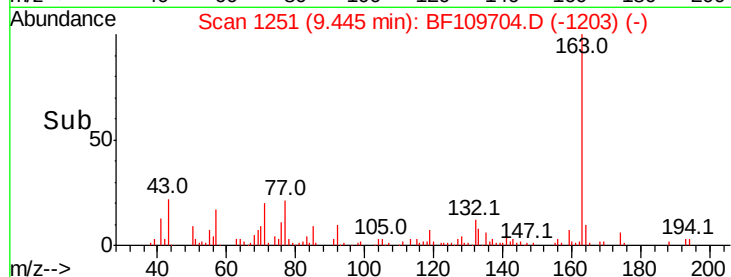
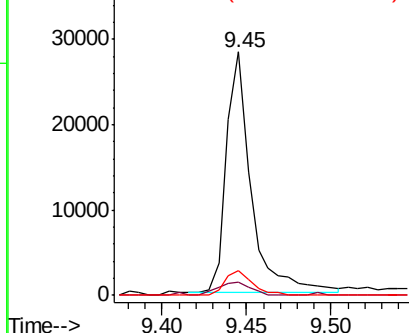


Abundance

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: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

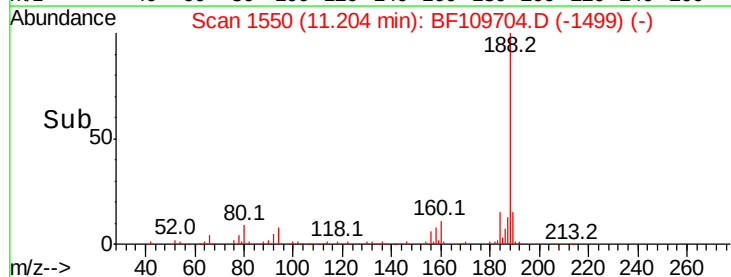
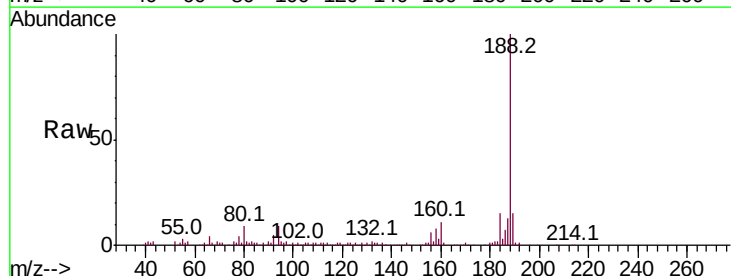
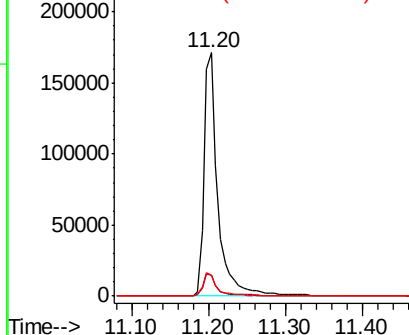
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	8.7	7.9	11.9

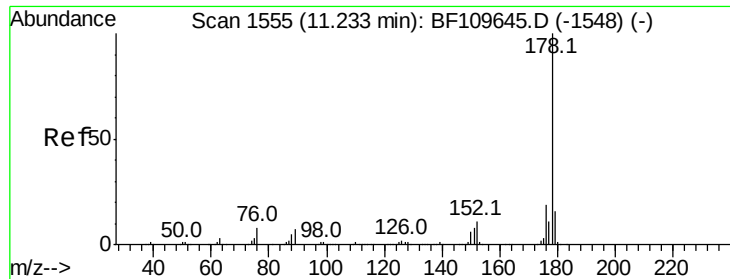
Abundance

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: 2.368 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF109704.D

Acq: 9 Oct 2018 19:31

Instrument :

BNA_F

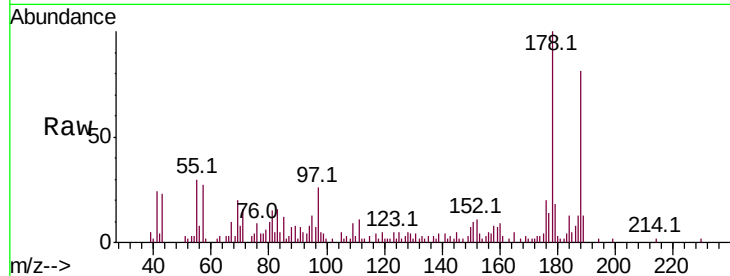
ClientSampleId :

EO-02-100818-C

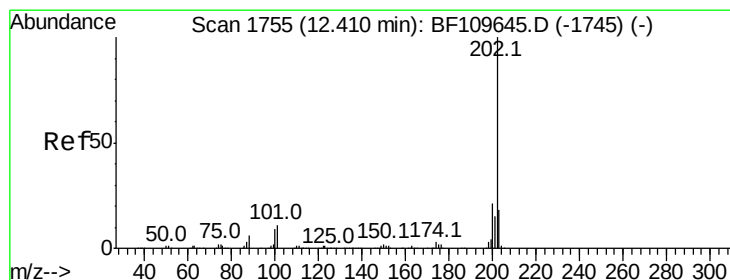
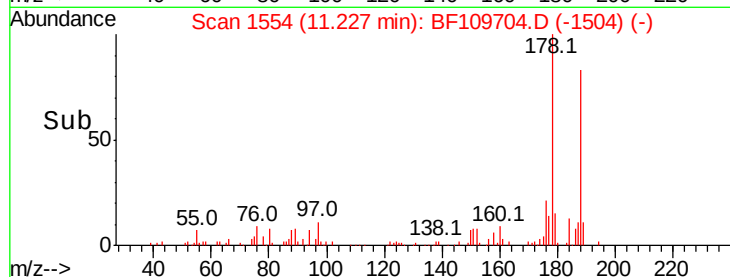
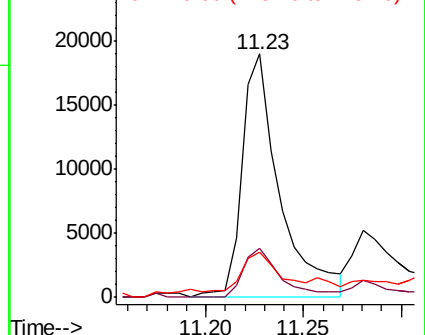
Tot Ion:	178	Resp:	25450
Ion Ratio	Lower	Upper	
178	100		
176	20.3	15.5	23.3
179	18.4	12.5	18.7

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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: 5.255 ng

RT: 12.41 min Scan# 1755

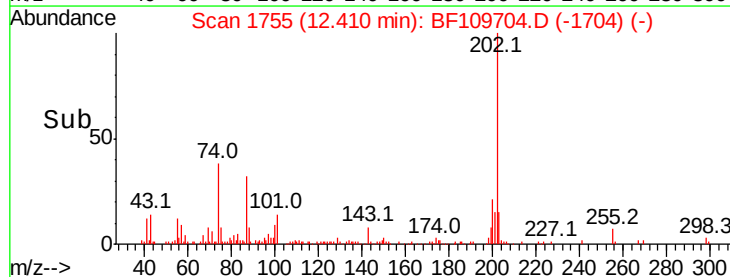
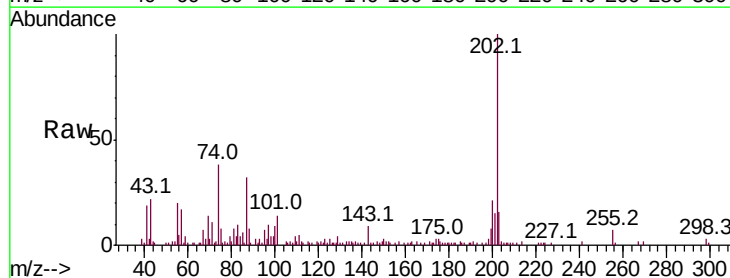
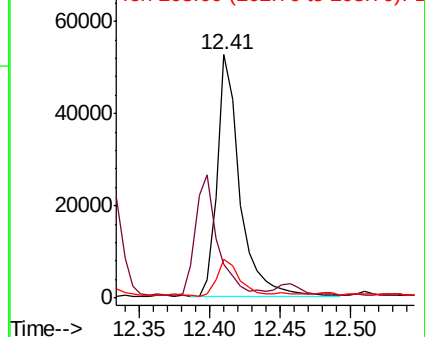
Delta R.T. 0.00 min

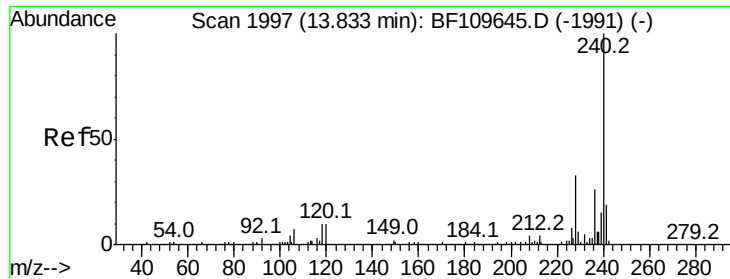
Lab File: BF109704.D

Acq: 9 Oct 2018 19:31

Tgt Ion:	202	Resp:	59000
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	31.4
203	16.2	0.0	37.7

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: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109704.D

Acq: 9 Oct 2018 19:31

Instrument :

BNA_F

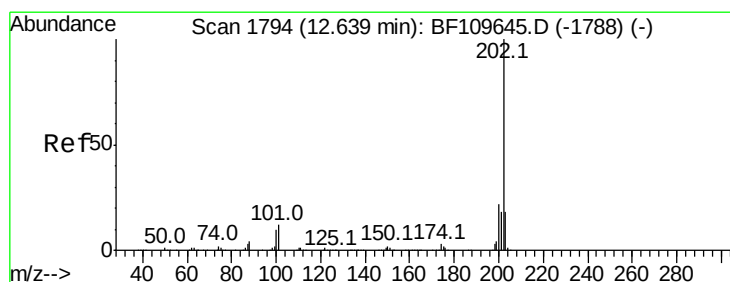
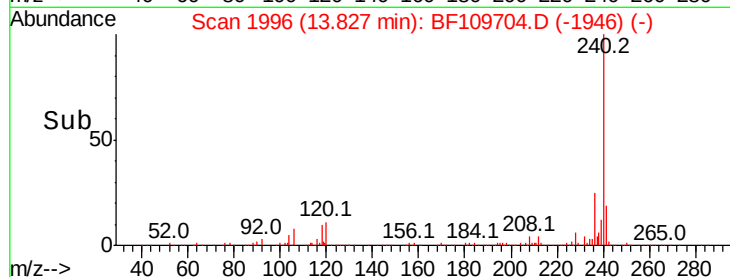
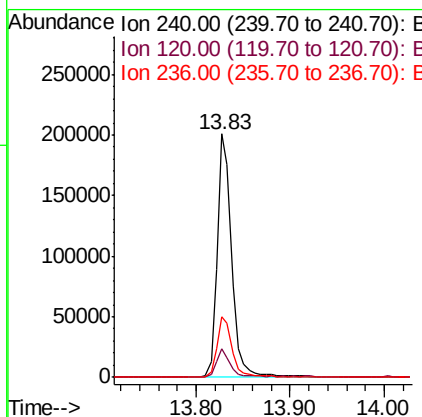
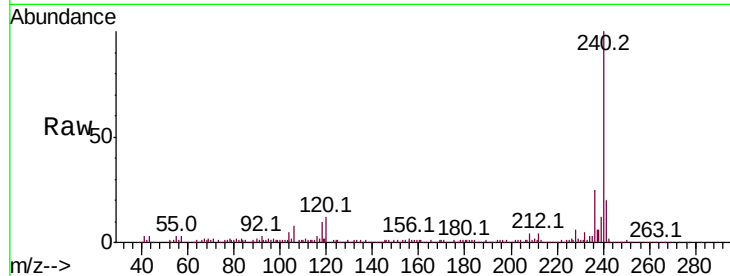
ClientSampleId :

EO-02-100818-C

Tot Ion	Ratio	Resp	Lower	Upper
240	100	214516		
120	11.6	8.3	12.5	
236	24.7	21.2	31.8	

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#77

Pyrene

Concen: 3.378 ng

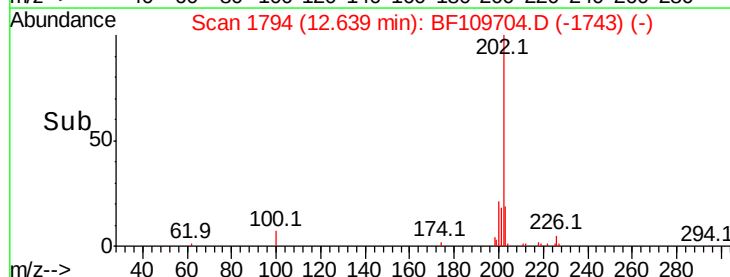
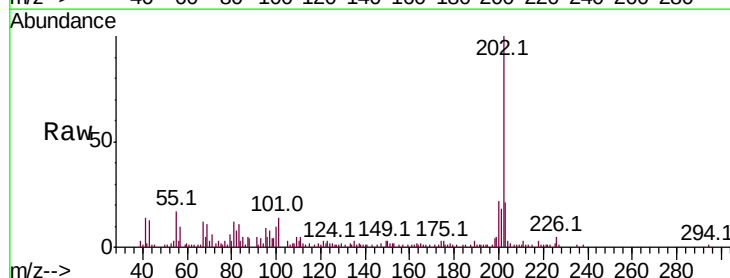
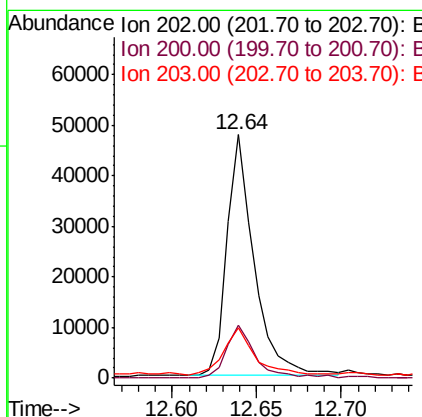
RT: 12.64 min Scan# 1794

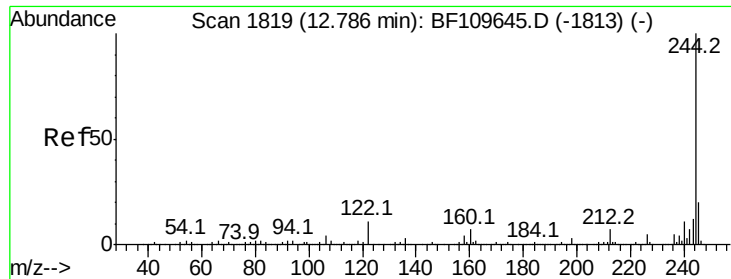
Delta R.T. 0.00 min

Lab File: BF109704.D

Acq: 9 Oct 2018 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	53096		
200	21.8	17.8	26.6	
203	20.6	14.2	21.4	





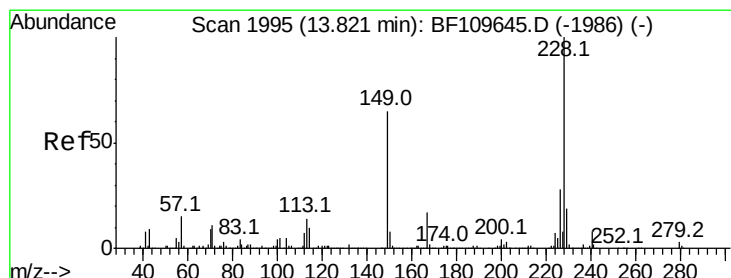
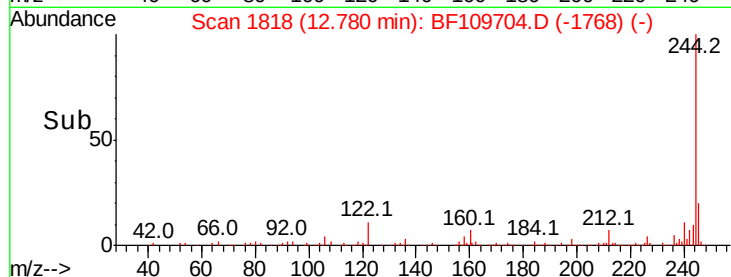
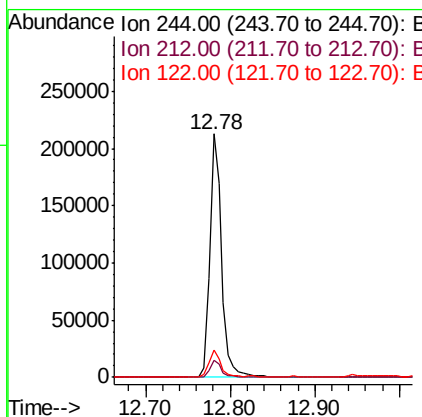
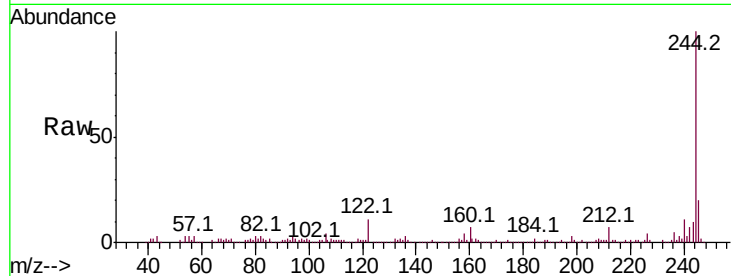
#78
 Terphenyl-d14
 Concen: 18.864 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109704.D
 Acq: 9 Oct 2018 19:31

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-100818-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.3	8.7	13.1

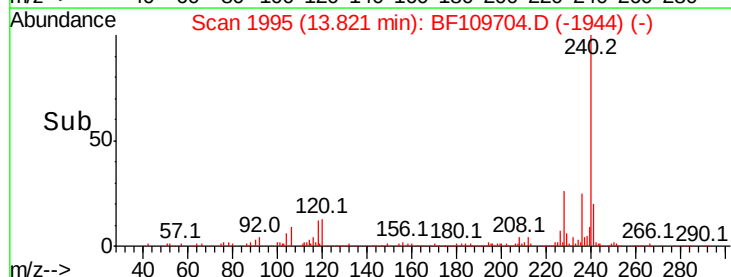
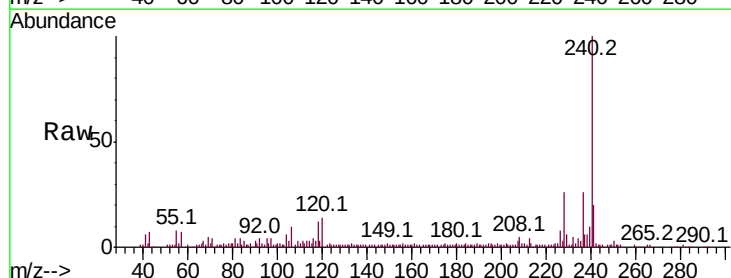
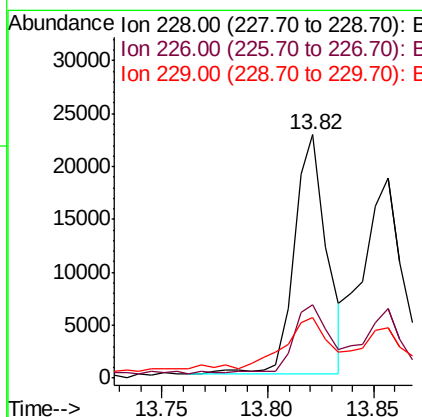
Manual Integrations
 APPROVED

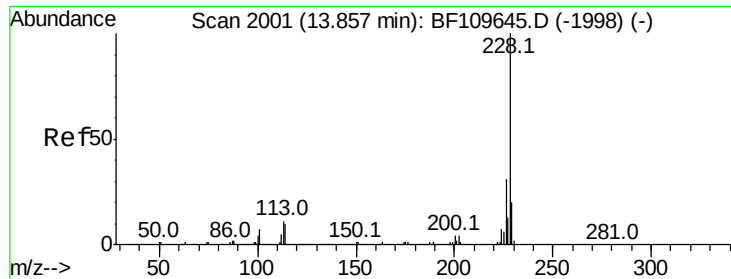
Sohil
 10/10/2018 11:37:13 AM



#80
 Benzo(a)anthracene
 Concen: 2.055 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. 0.00 min
 Lab File: BF109704.D
 Acq: 9 Oct 2018 19:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.1	33.1
229	24.7	15.6	23.4





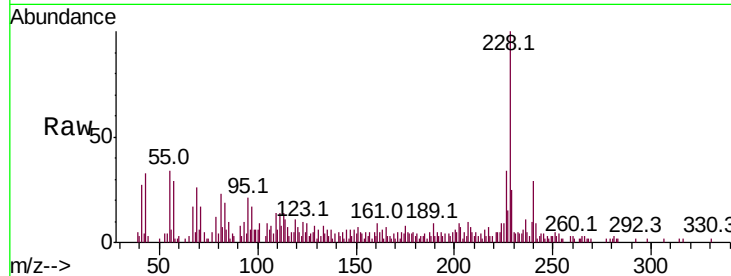
#82
Chrysene
Concen: 2.115 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.4	24.7	37.1
229	24.9	15.9	23.9

Manual Integrations
APPROVED

Sohil
10/10/2018 11:37:13 AM

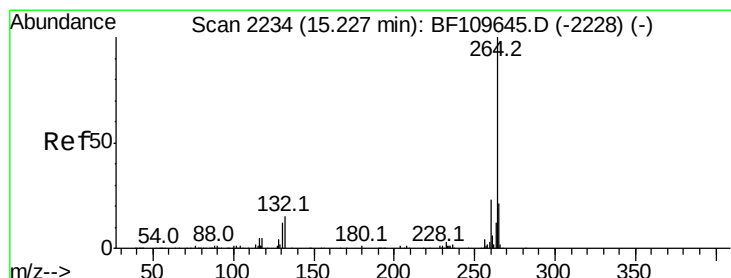
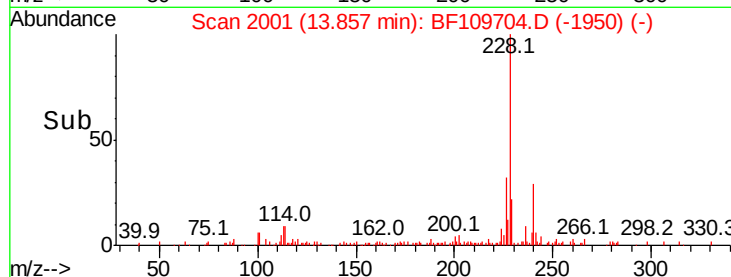
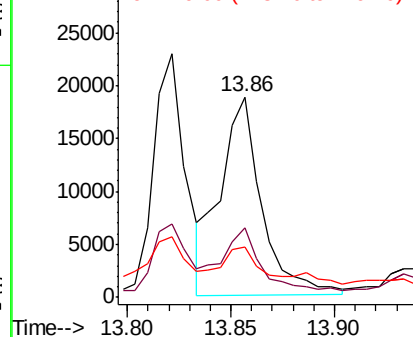


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

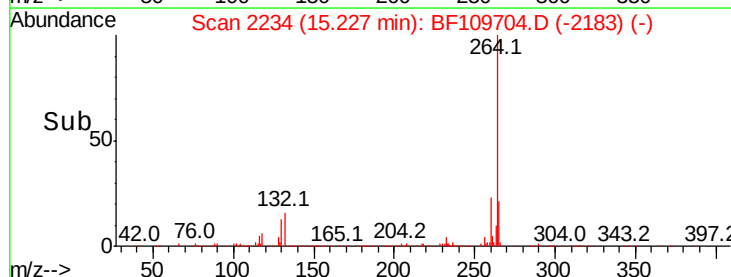
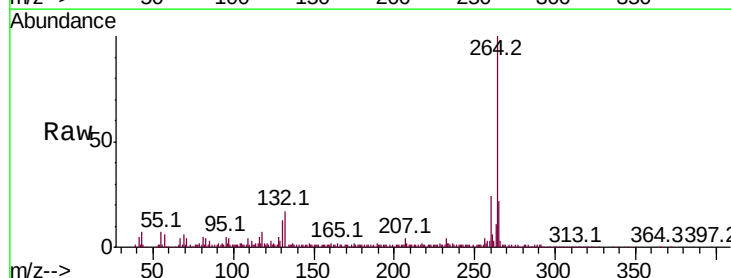
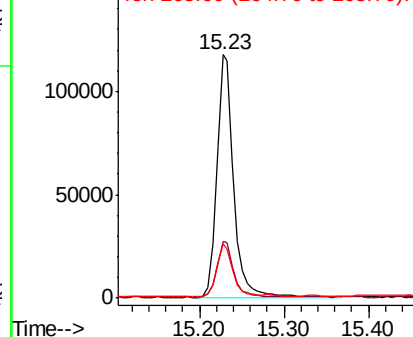
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.2	16.7	25.1

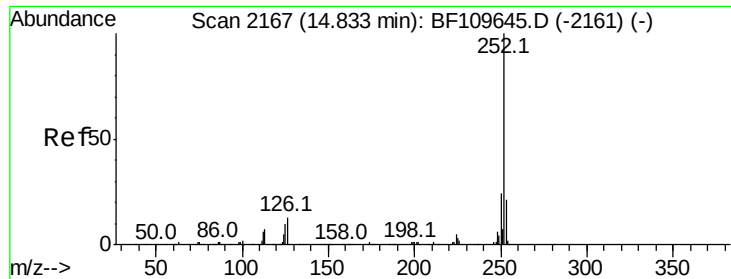
Abundance

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





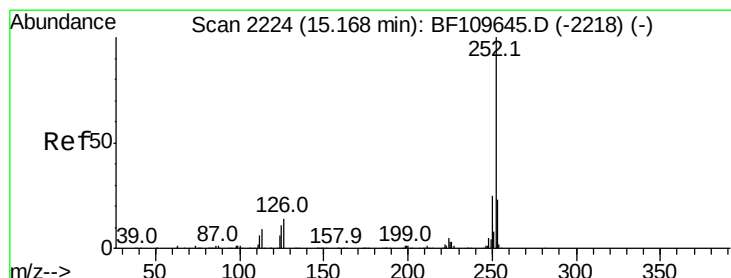
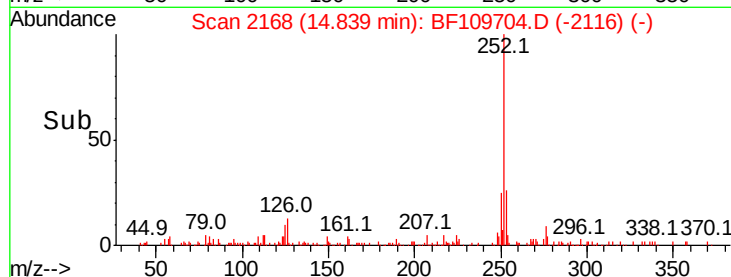
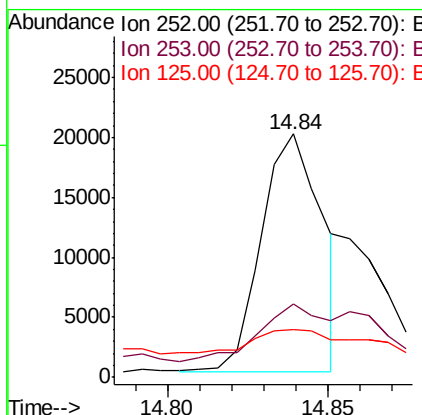
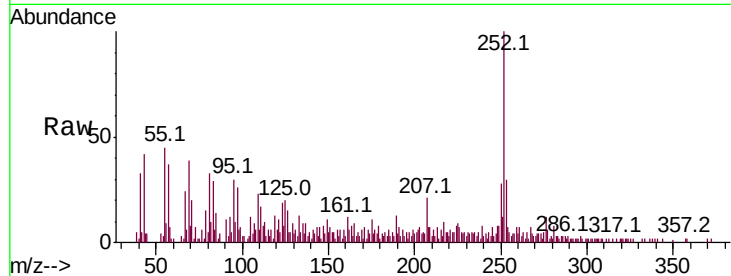
#87
Benzo(b)fluoranthene
Concen: 2.909 ng m
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
EO-02-100818-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.2	17.2	25.8#
125	19.6	8.2	12.4#

Manual Integrations
APPROVED

Sohil
10/10/2018 11:37:13 AM



#89
Benzo(a)pyrene
Concen: 2.299 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109704.D
Acq: 9 Oct 2018 19:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.4	18.2	27.4#
125	23.2	9.0	13.6#

