

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110474.D
 Acq On : 5 Nov 2018 19:24
 Operator : JU/SJ
 Sample : J5771-03 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-110218-B

Manual Integrations
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 11/6/2018 9:01:16 AM

Quant Time: Nov 06 04:26:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	111078	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	462630	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	195744	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	295340	20.00	ng	0.00
76) Chrysene-d12	14.13	240	205611	20.00	ng	0.00
87) Perylene-d12	15.66	264	174981	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	242675	35.58	ng	0.00
7) Phenol-d6	6.57	99	318546	36.51	ng	0.00
23) Nitrobenzene-d5	7.52	82	195533	25.07	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	58673	30.26	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	366633	29.41	ng	0.00
79) Terphenyl-d14	13.07	244	234066	23.68	ng	0.00
Target Compounds						
10) Phenol	6.59	94	24153	2.590	ng	Qvalue # 67
50) Dimethylphthalate	9.70	163	56623	3.919	ng	100
71) Phenanthrene	11.51	178	122850	7.950	ng	98
72) Anthracene	11.56	178	41075	2.652	ng	98
75) Fluoranthene	12.70	202	205045	13.074	ng	99
78) Pyrene	12.94	202	180601	12.252	ng	98
81) Benzo(a)anthracene	14.12	228	97482	7.995	ng	99
83) Chrysene	14.16	228	82004	7.081	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	40778	4.244	ng	99
88) Benzo(b)fluoranthene	15.20	252	119047m	11.782	ng	
89) Benzo(k)fluoranthene	15.23	252	26921m	2.710	ng	
90) Benzo(a)pyrene	15.59	252	77270	8.311	ng	97
92) Benzo(a,h,i)perylene	17.70	276	40363	5.106	ng	95

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

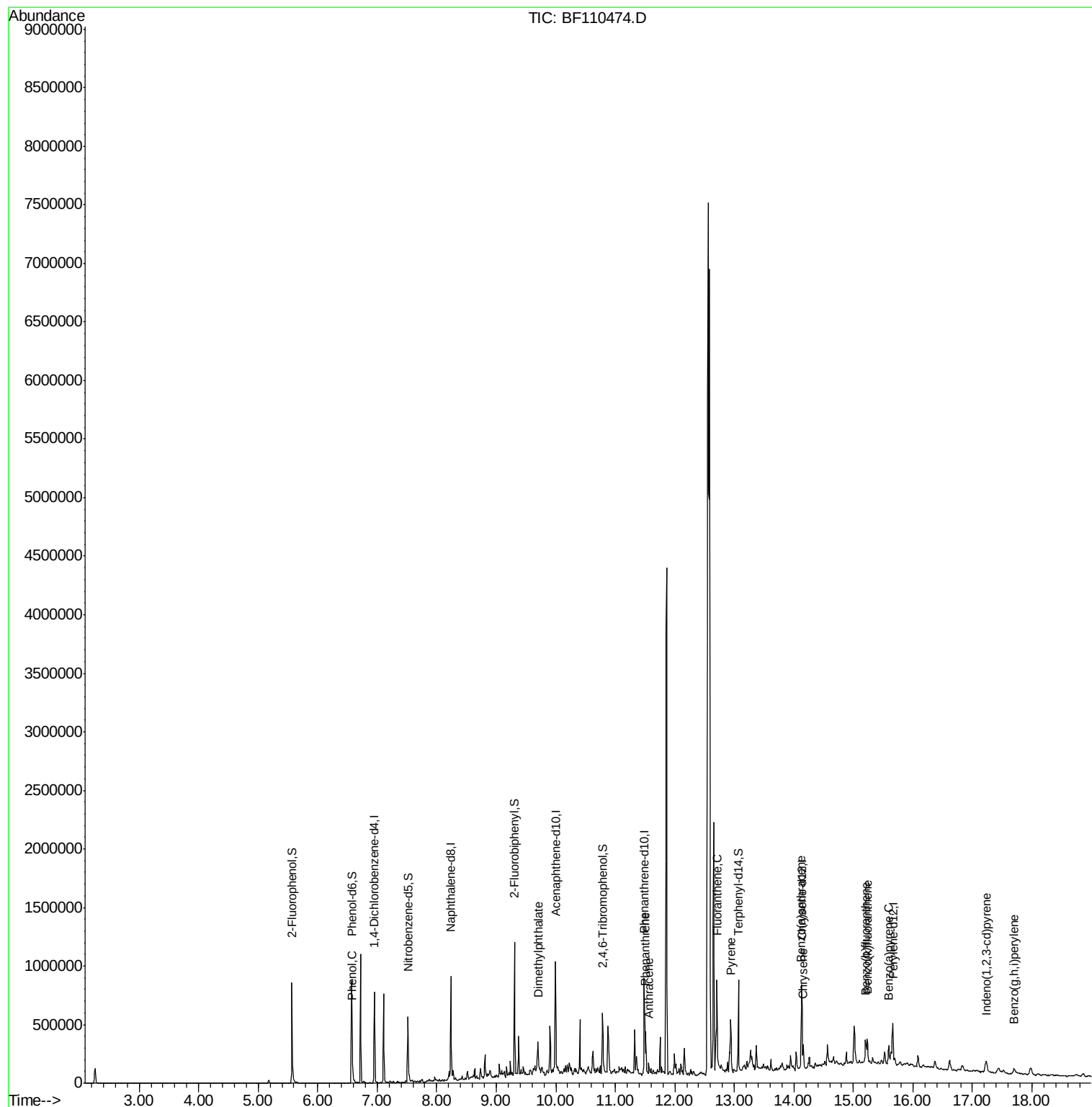
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110474.D
Acq On : 5 Nov 2018 19:24
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Sample : J5771-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

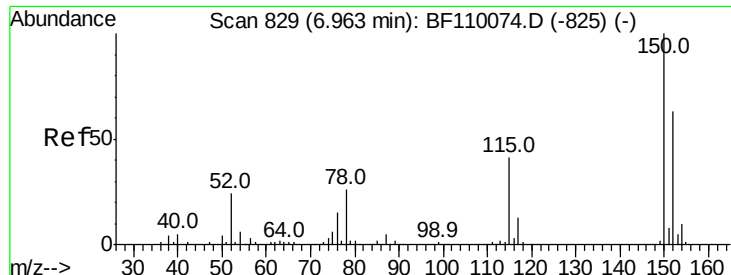
Instrument :
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Quant Time: Nov 06 04:26:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

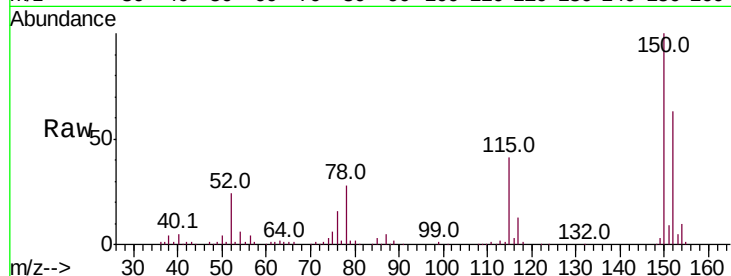
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110474.D
Acq: 5 Nov 2018 19:24

Instrument :
BNA_F
ClientSampleId :
EO-01-110218-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	122.7	184.1
115	65.8	49.1	73.7

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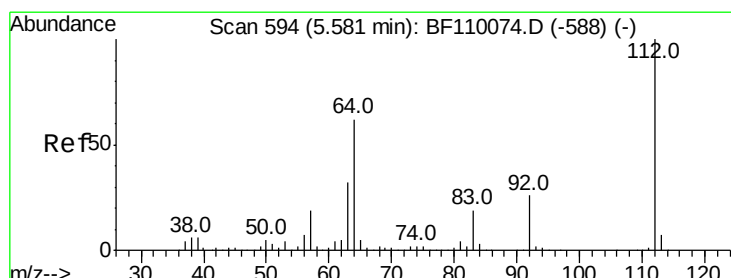
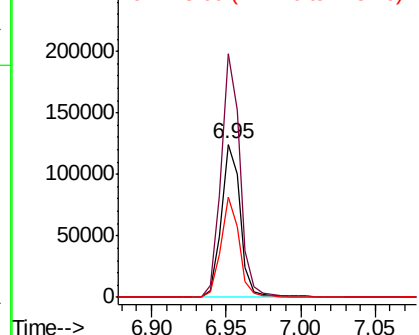
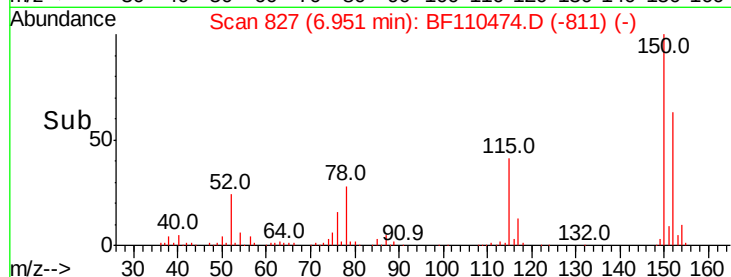


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

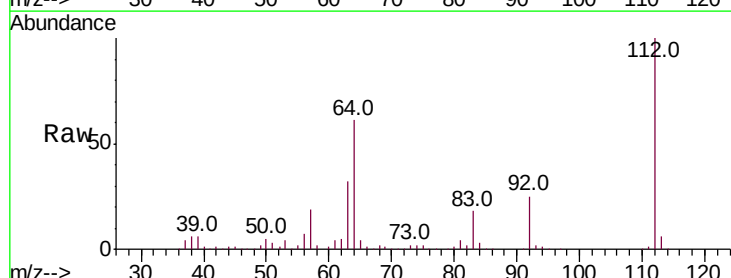
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 35.577 ng
RT: 5.57 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF110474.D
Acq: 5 Nov 2018 19:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	44.1	66.1
63	31.8	23.7	35.5

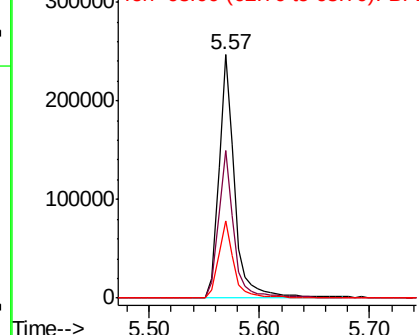
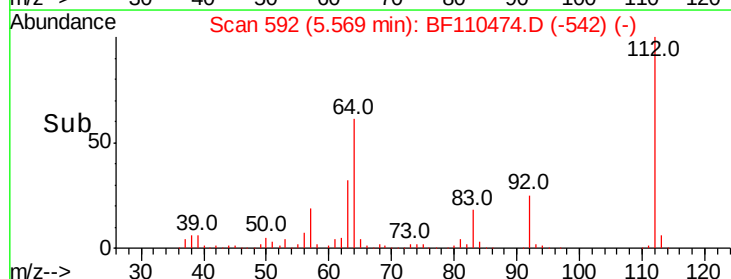


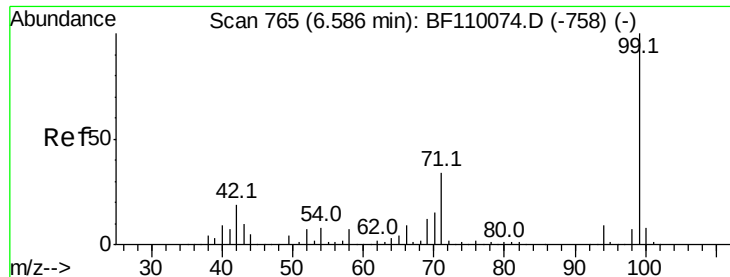
Abundance

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: 36.511 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110474.D

Acq: 5 Nov 2018 19:24

Instrument :

BNA_F

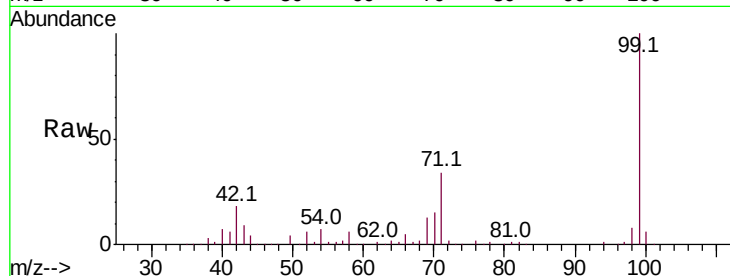
ClientSampleId :

EO-01-110218-B

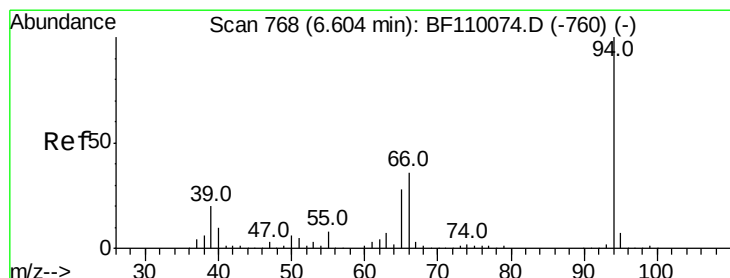
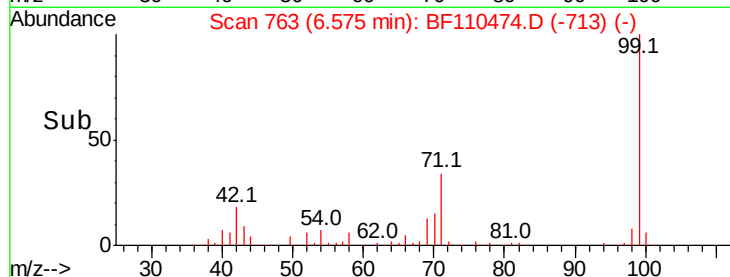
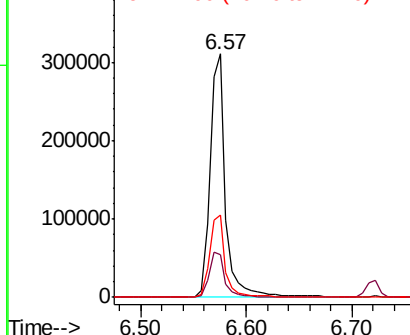
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		318546		
42	17.6	15.8	23.6		
71	34.1	28.0	42.0		

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.590 ng

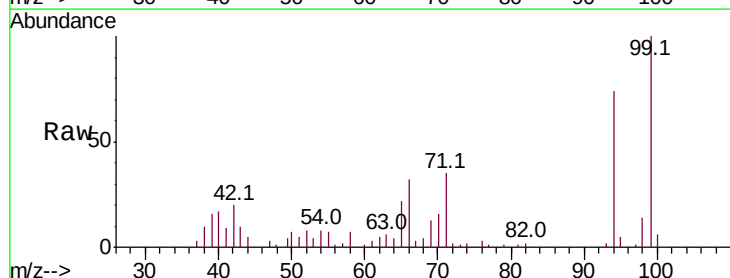
RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

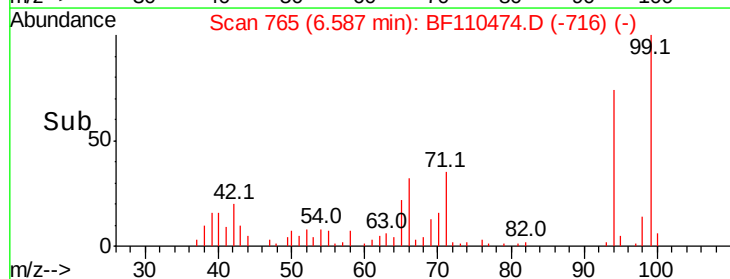
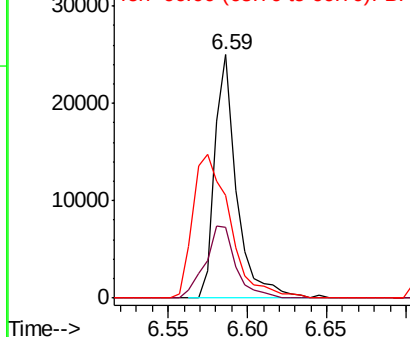
Lab File: BF110474.D

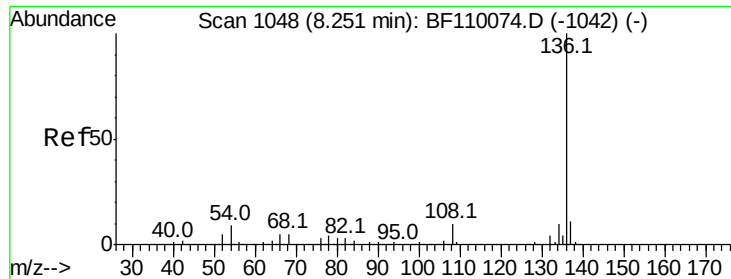
Acq: 5 Nov 2018 19:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		24153		
65	28.9	25.3	65.3		
66	42.3	54.5	94.5#		



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





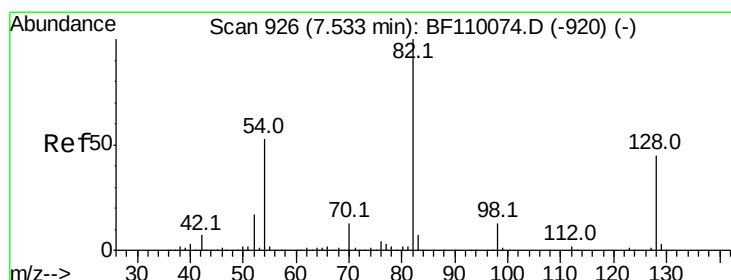
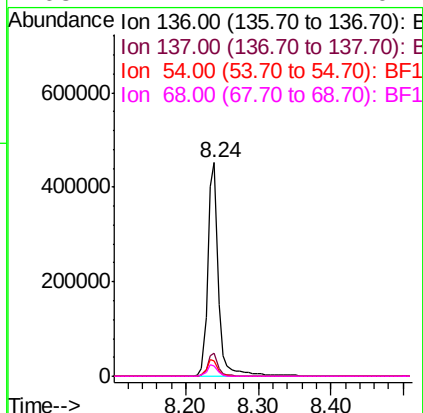
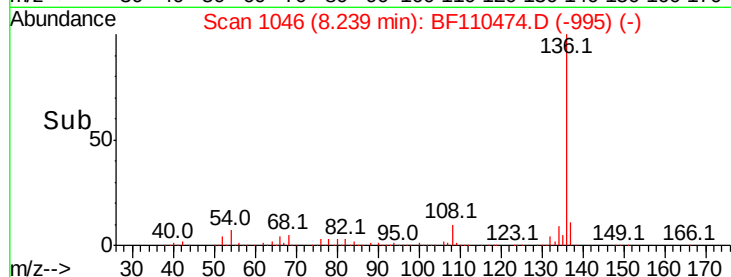
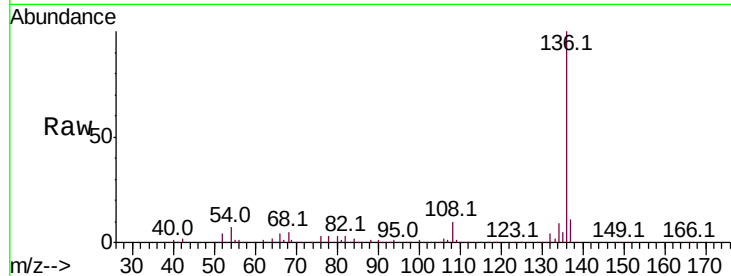
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110474.D
Acq: 5 Nov 2018 19:24

Instrument :
BNA_F
ClientSampleId :
EO-01-110218-B

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.8	13.2	
54	7.2	5.4	8.2	
68	4.7	4.2	6.2	

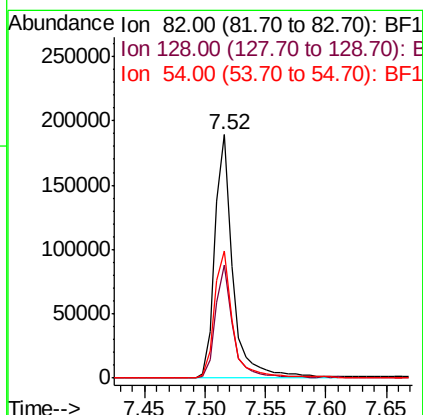
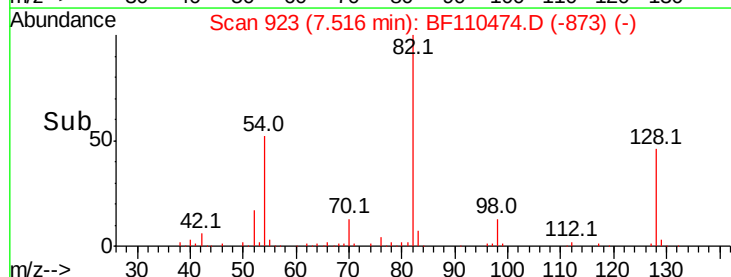
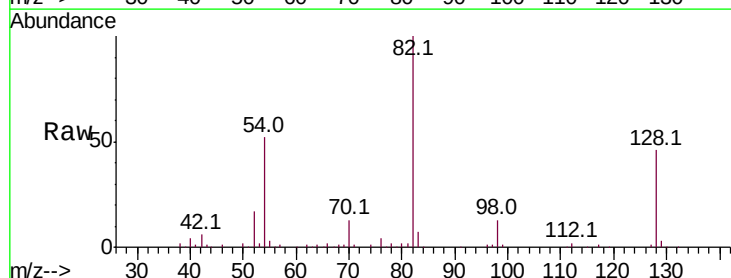
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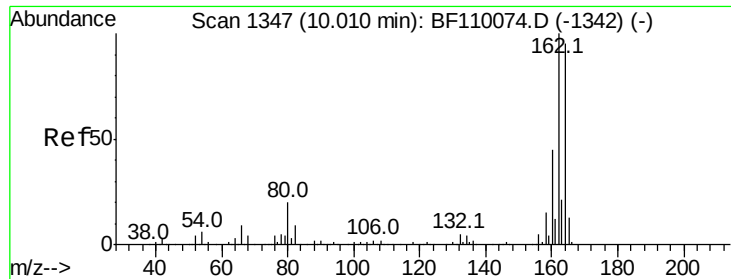
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#23
Nitrobenzene-d5
Concen: 25.069 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110474.D
Acq: 5 Nov 2018 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.4	34.2	51.2	
54	52.2	38.6	58.0	





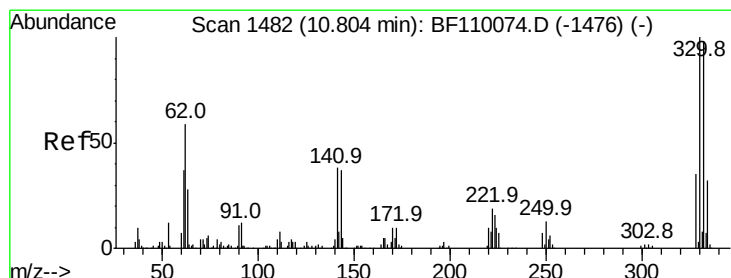
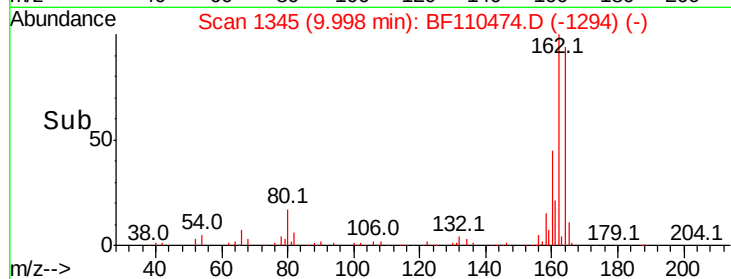
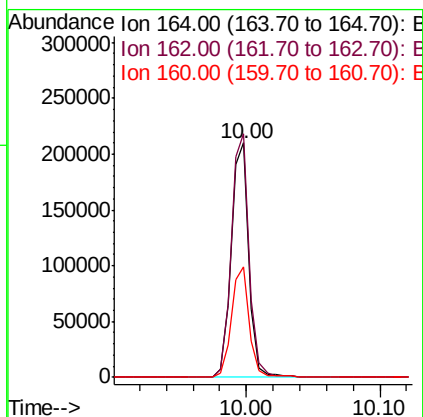
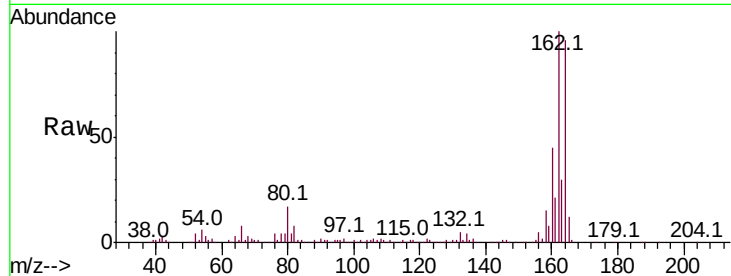
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110474.D
Acq: 5 Nov 2018 19:24

Instrument :
BNA_F
ClientSampleId :
EO-01-110218-B

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.0	124.6
160	46.9	37.0	55.6

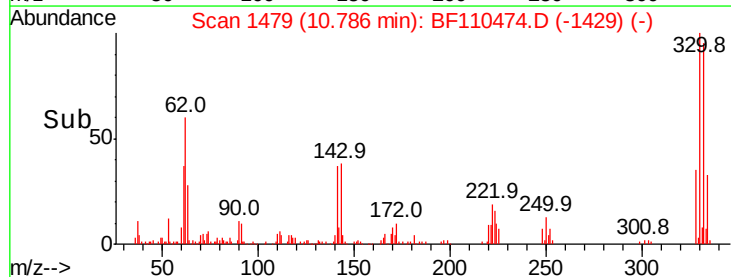
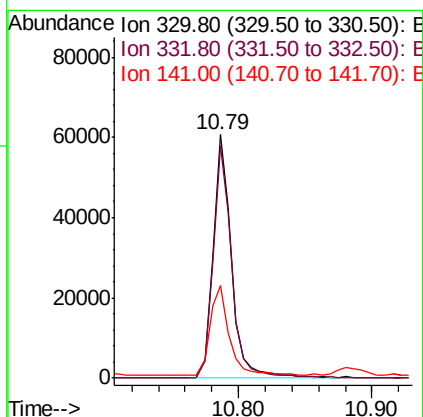
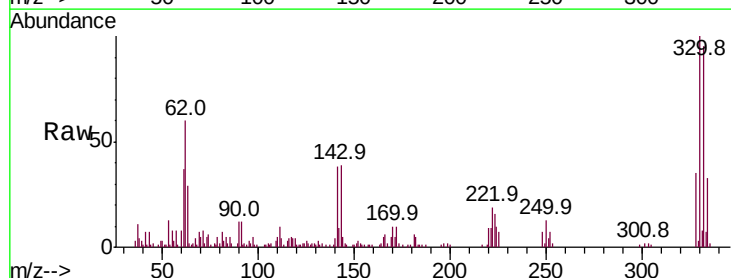
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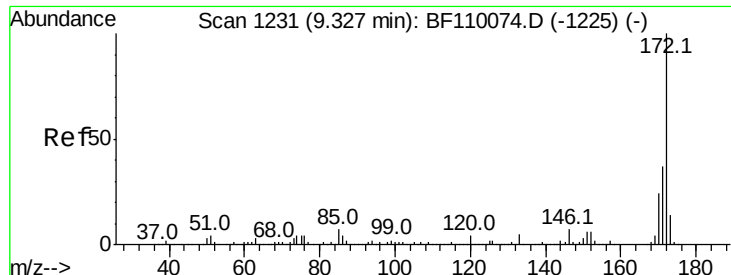
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#42
2,4,6-Tribromophenol
Concen: 30.260 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110474.D
Acq: 5 Nov 2018 19:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	39.3	27.0	40.4





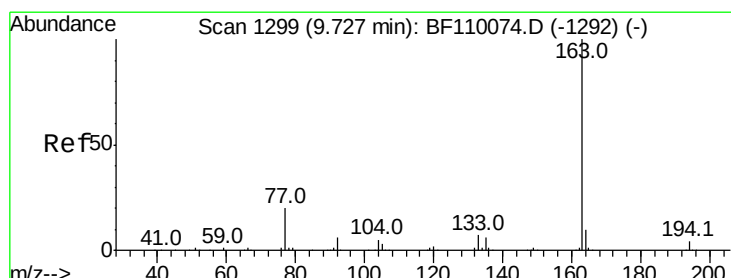
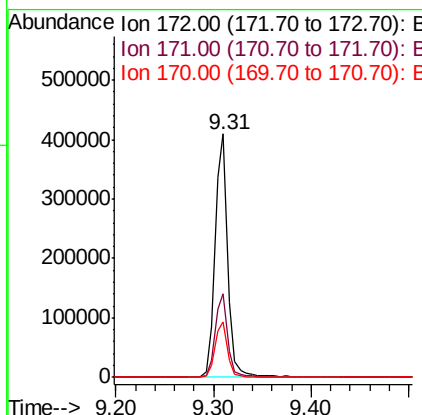
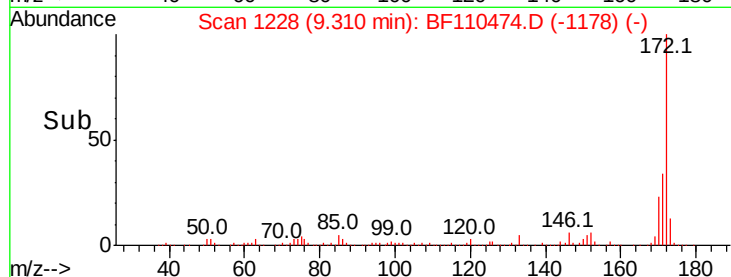
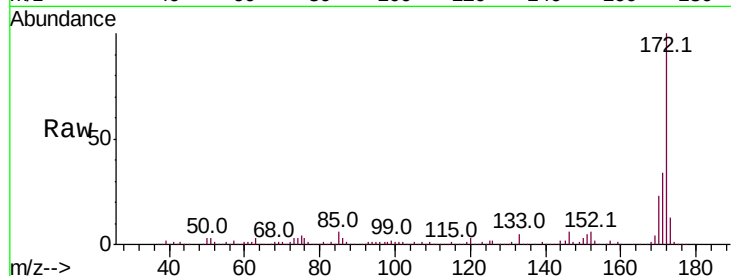
#45
2-Fluorobiphenyl
Concen: 29.411 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110474.D
Acq: 5 Nov 2018 19:24

Instrument :
BNA_F
ClientSampleId :
EO-01-110218-B

Tot Ion	Ratio	Resp	Lower	Upper
172	100	366633		
171	34.4		28.6	43.0
170	22.8		19.7	29.5

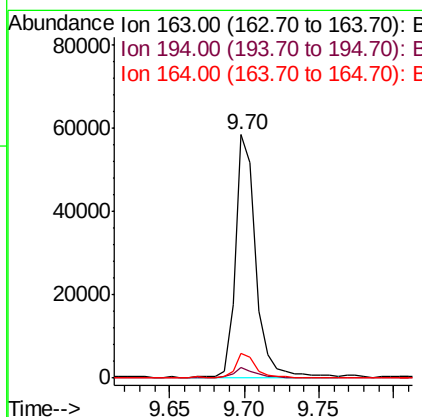
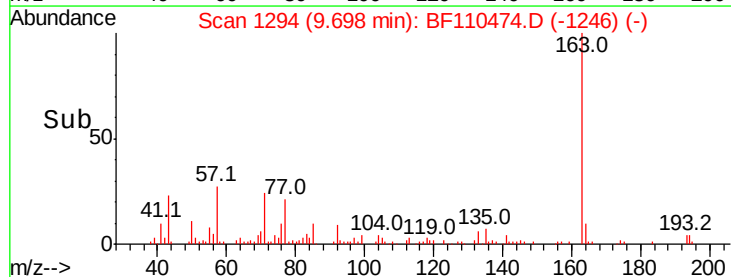
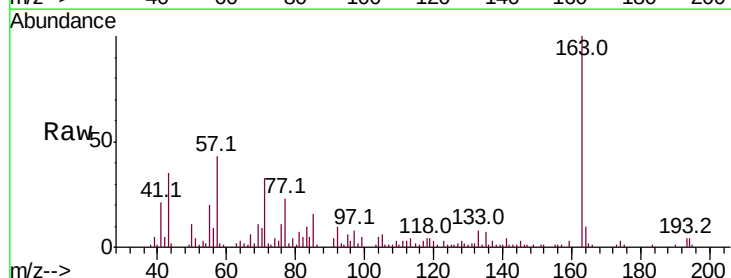
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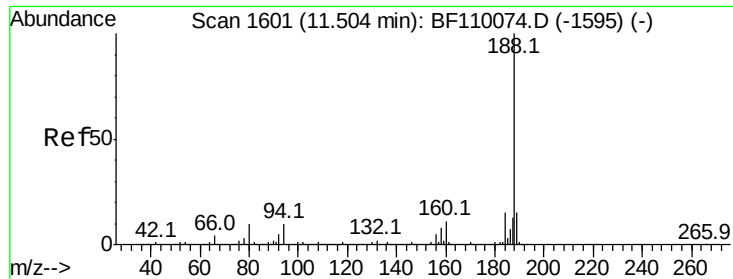
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#50
Dimethylphthalate
Concen: 3.919 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF110474.D
Acq: 5 Nov 2018 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	56623		
194	4.5		3.2	4.8
164	10.1		8.1	12.1





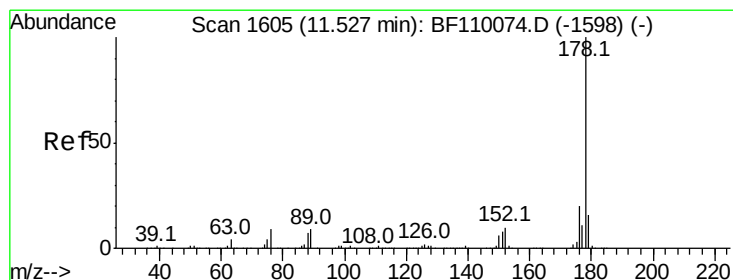
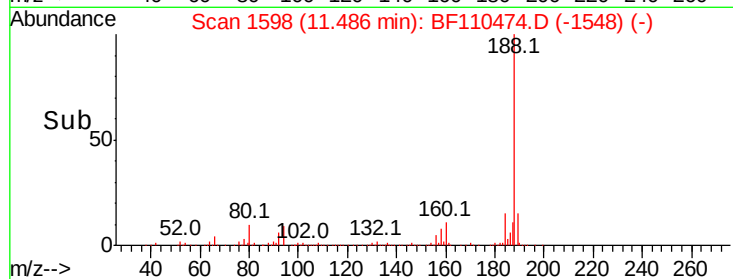
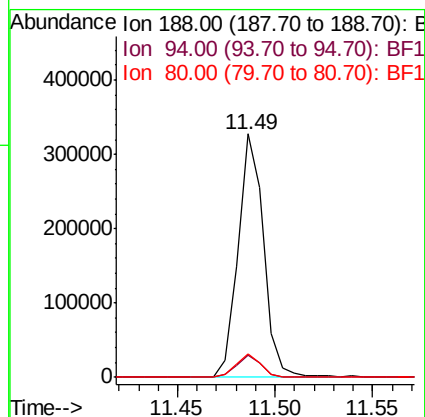
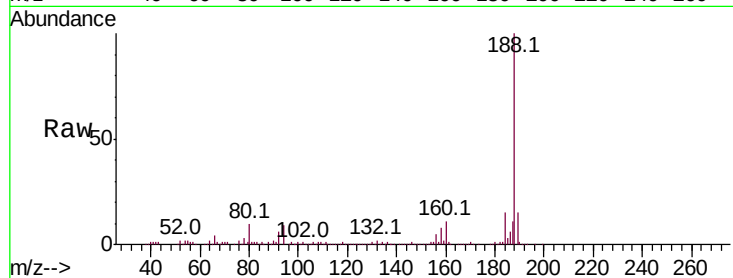
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110474.D
Acq: 5 Nov 2018 19:24

Instrument :
BNA_F
ClientSampleId :
EO-01-110218-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100	295340		
94	9.0	7.2	10.8	
80	9.9	7.9	11.9	

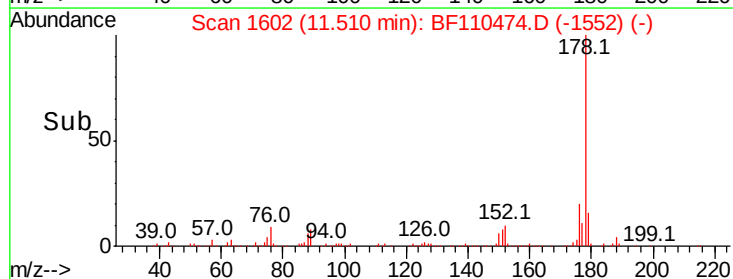
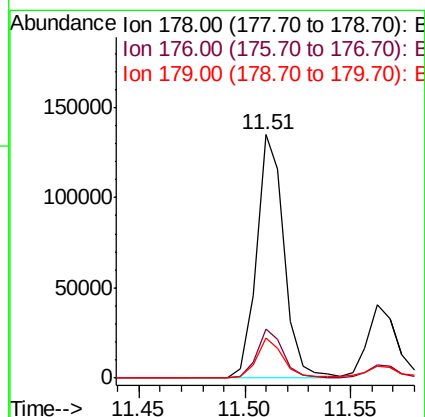
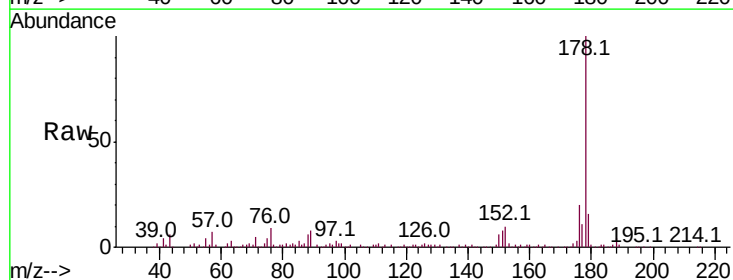
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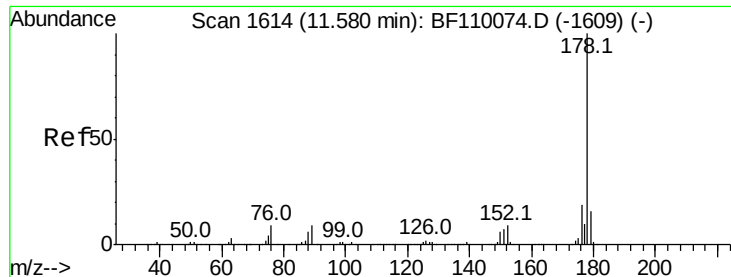
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#71
Phenanthrene
Concen: 7.950 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110474.D
Acq: 5 Nov 2018 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	122850		
176	20.2	15.5	23.3	
179	16.3	12.5	18.7	





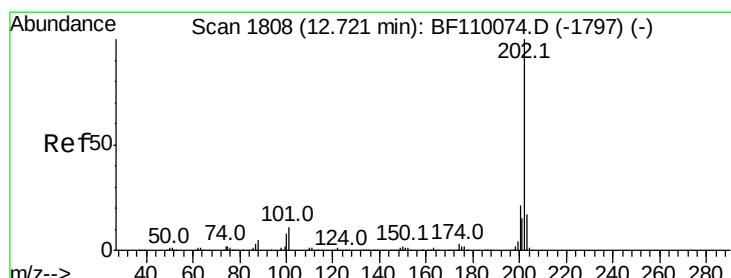
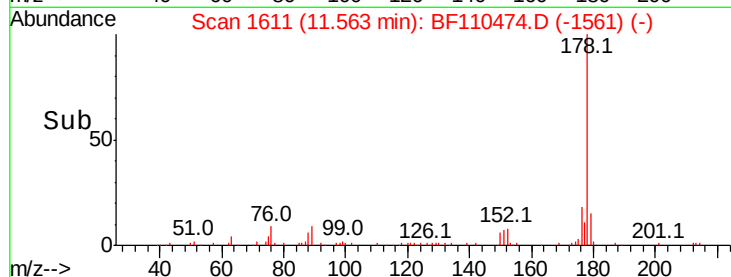
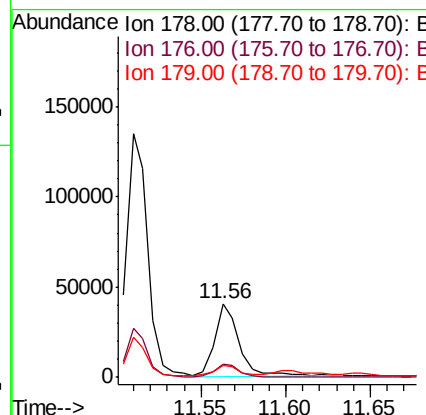
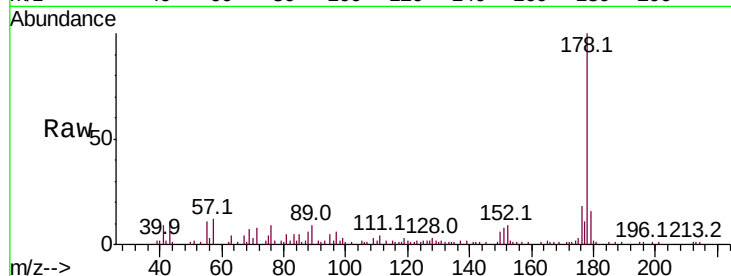
#72
 Anthracene
 Concen: 2.652 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF110474.D
 Acq: 5 Nov 2018 19:24

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-110218-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	16.4	12.6	18.8

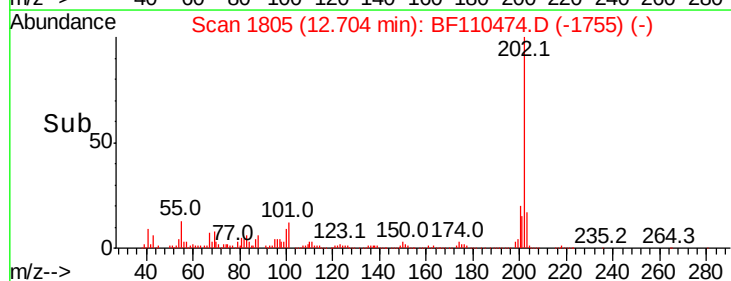
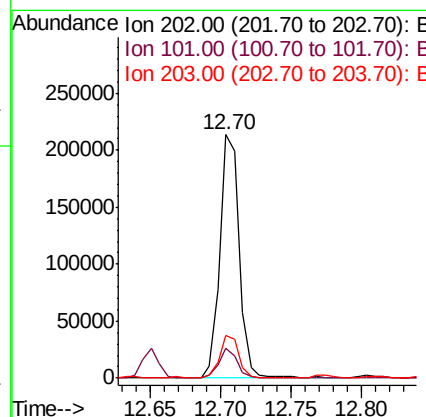
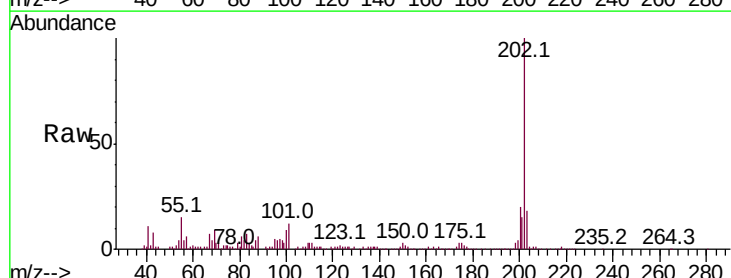
Manual Integrations
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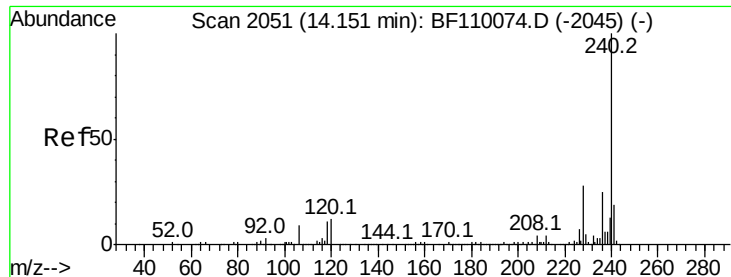
Sohil
 11/6/2018 9:01:16 AM



#75
 Fluoranthene
 Concen: 13.074 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BF110474.D
 Acq: 5 Nov 2018 19:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.4
203	17.6	0.0	37.7





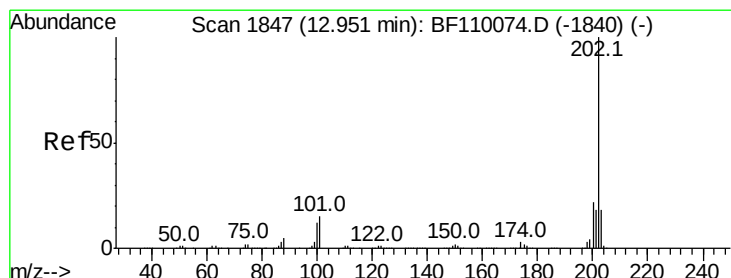
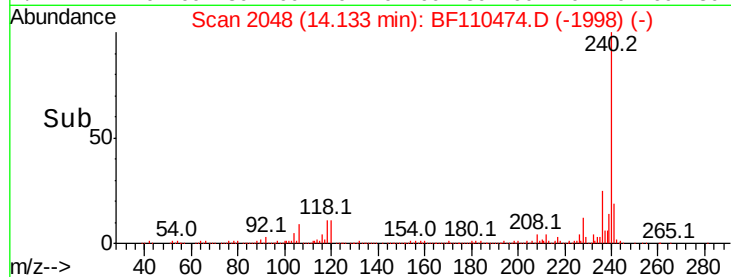
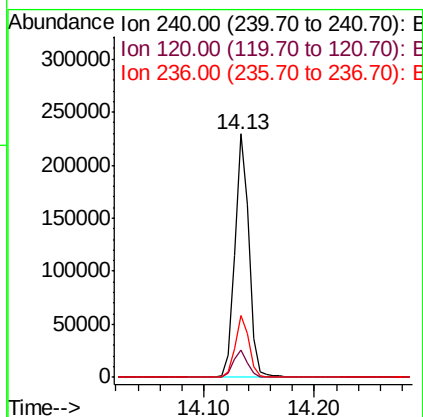
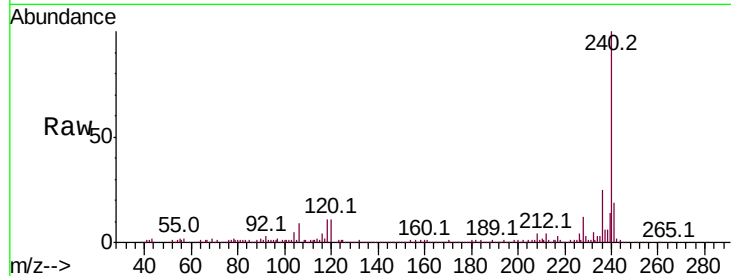
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110474.D
Acq: 5 Nov 2018 19:24

Instrument :
BNA_F
ClientSampleId :
EO-01-110218-B

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.4	8.3	12.5	
236	25.4	21.2	31.8	

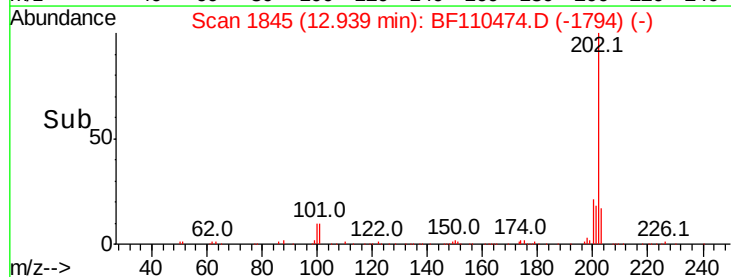
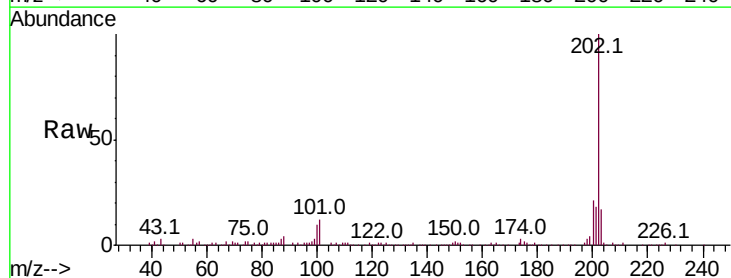
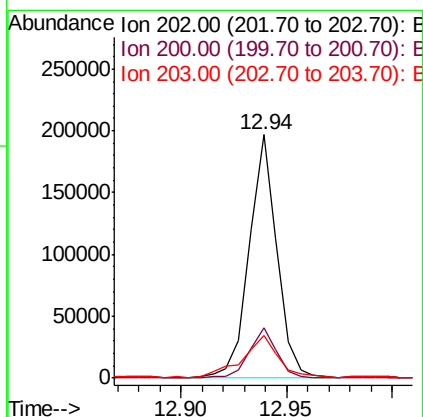
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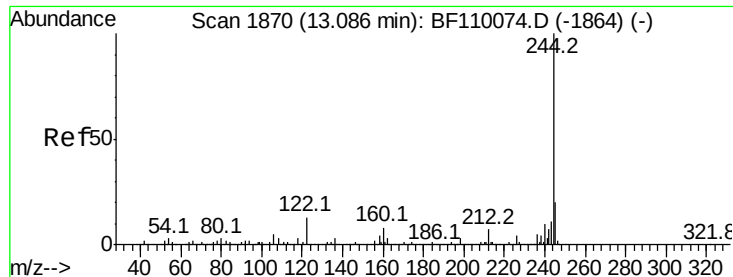
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#78
Pyrene
Concen: 12.252 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110474.D
Acq: 5 Nov 2018 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.9	17.8	26.6	
203	17.4	14.2	21.4	





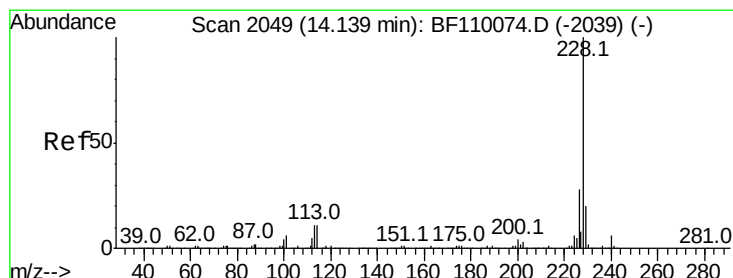
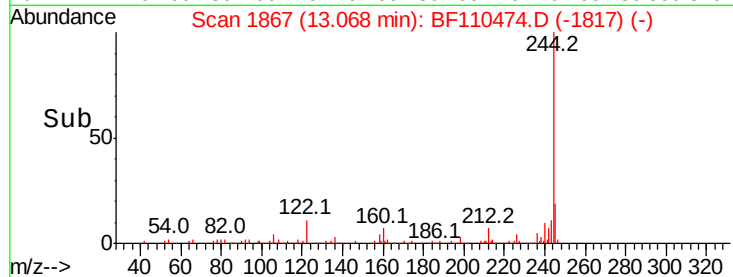
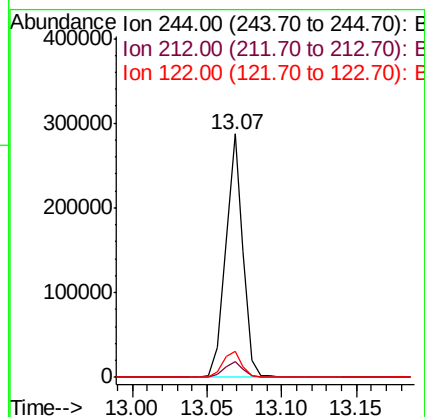
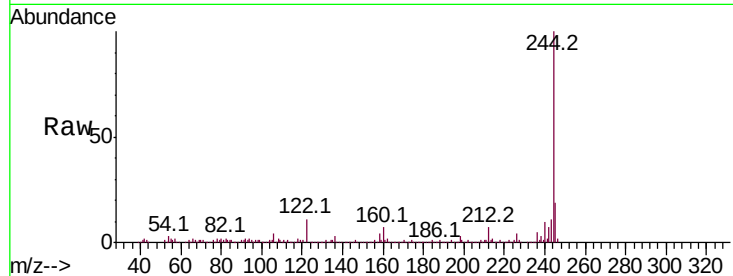
#79
 Terphenyl-d14
 Concen: 23.675 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110474.D
 Acq: 5 Nov 2018 19:24

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-110218-B

Tot Ion:	244	Resp:	234066
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.8	8.8
122	10.8	8.7	13.1

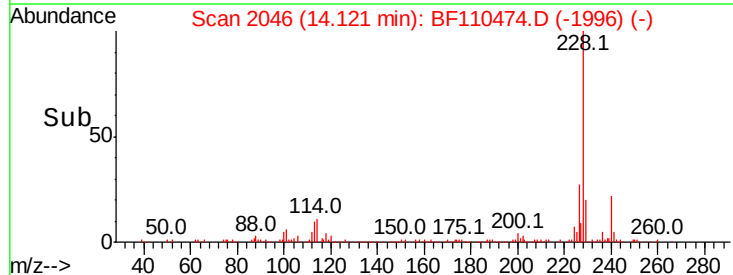
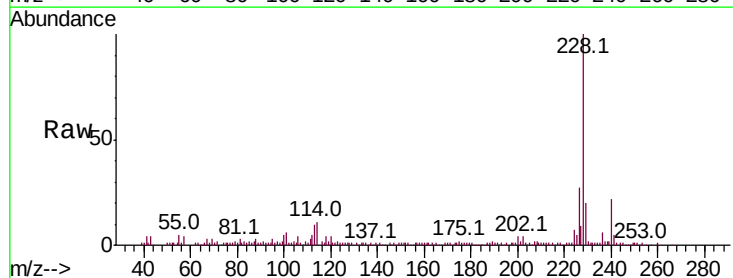
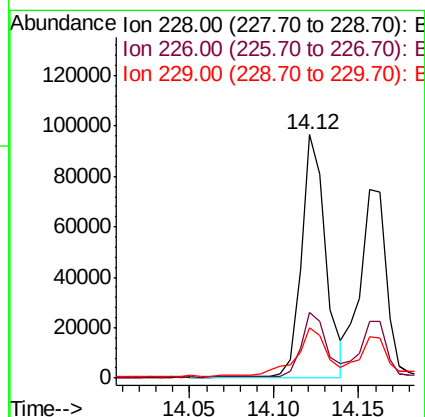
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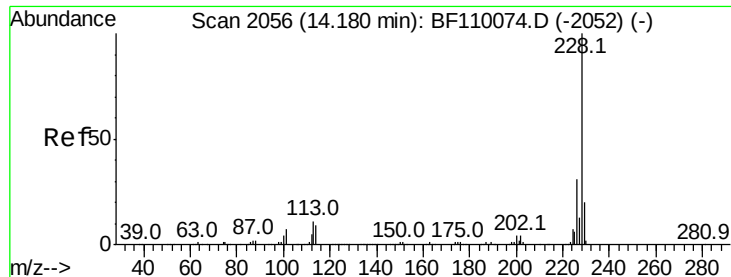
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#81
 Benzo(a)anthracene
 Concen: 7.995 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BF110474.D
 Acq: 5 Nov 2018 19:24

Tgt Ion:	228	Resp:	97482
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.1	33.1
229	20.4	15.6	23.4





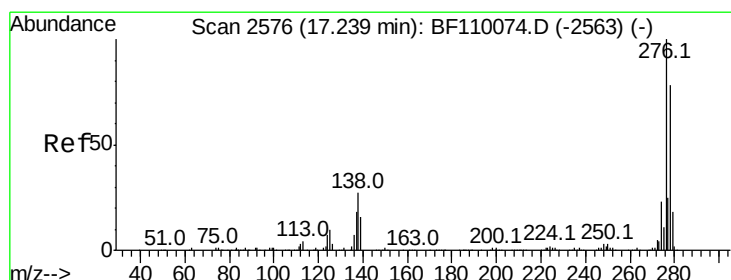
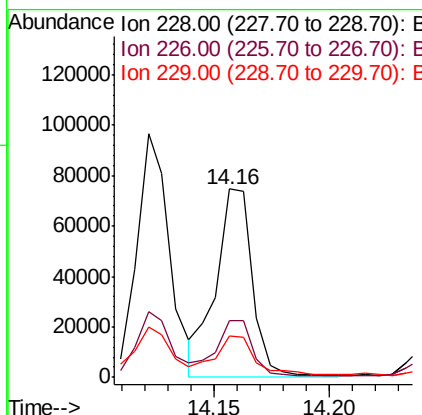
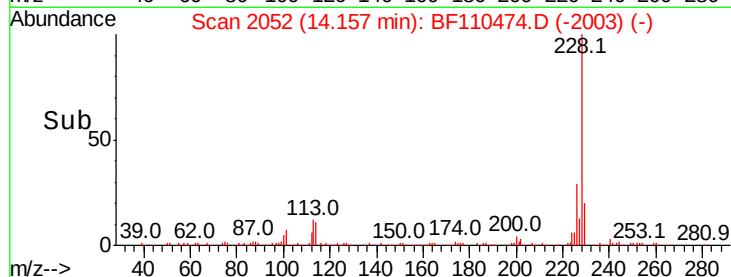
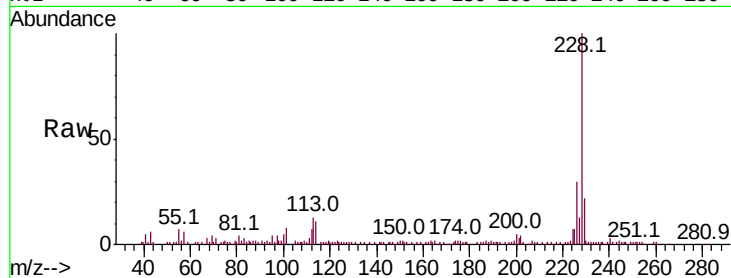
#83
Chrysene
Concen: 7.081 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110474.D
Acq: 5 Nov 2018 19:24

Instrument :
BNA_F
ClientSampleId :
EO-01-110218-B

Tot Ion:	228	Resp:	82004
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.7	37.1
229	21.7	15.9	23.9

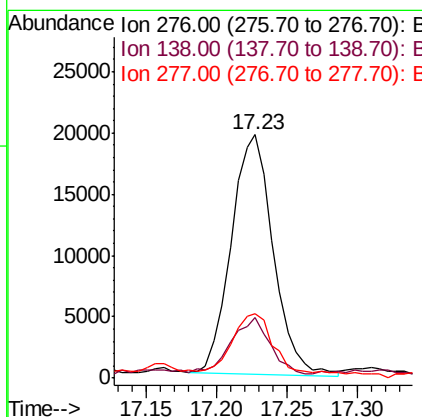
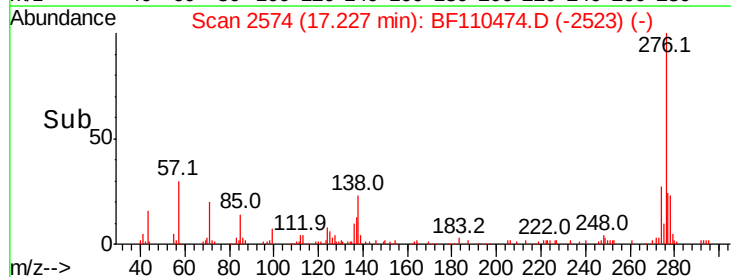
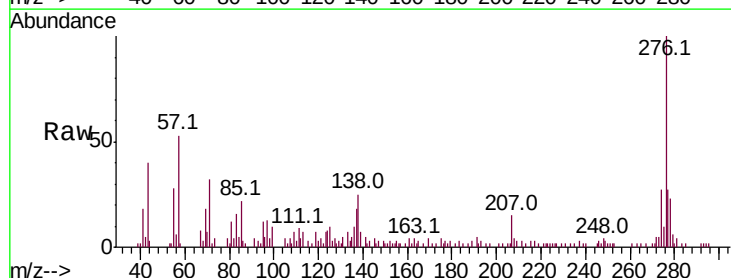
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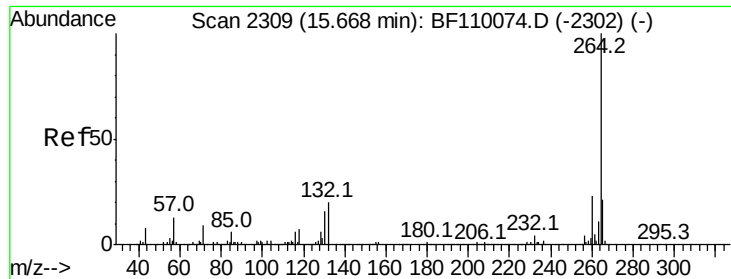
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.244 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF110474.D
Acq: 5 Nov 2018 19:24

Tgt Ion:	276	Resp:	40778
Ion Ratio	Lower	Upper	
276	100		
138	23.2	18.5	27.7
277	23.7	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110474.D

Acq: 5 Nov 2018 19:24

Instrument :

BNA_F

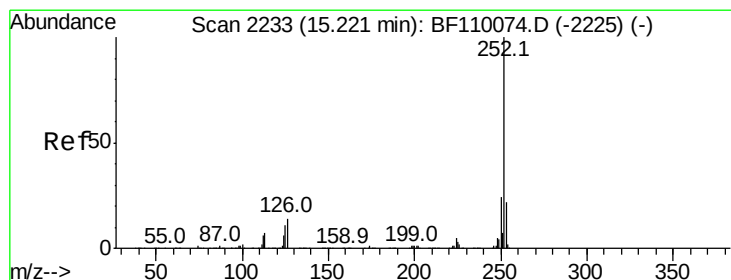
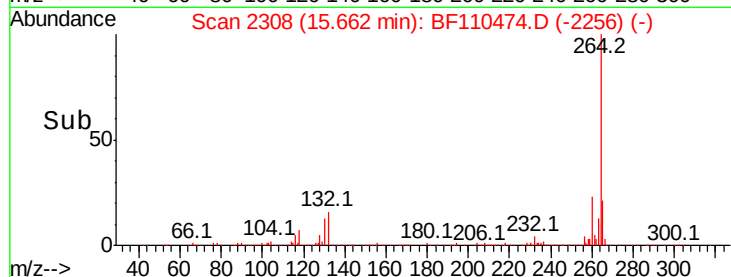
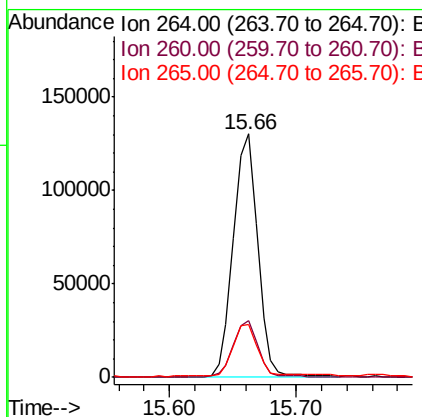
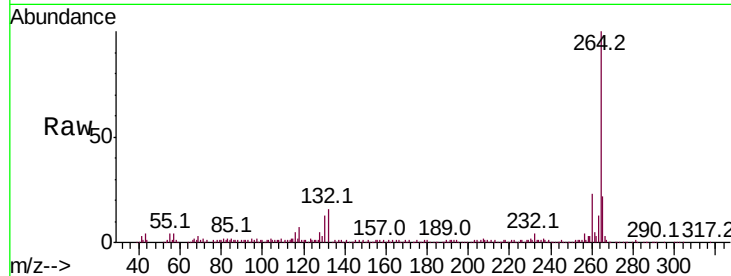
ClientSampleId :

EO-01-110218-B

Tot Ion:	264	Resp:	174981
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.7	28.1
265	21.6	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 11.782 ng m

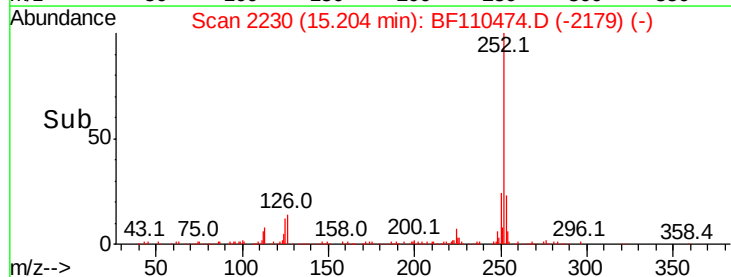
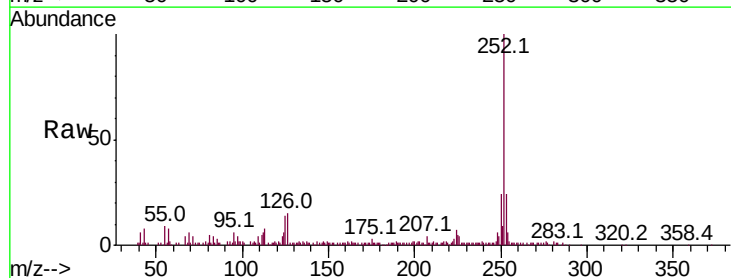
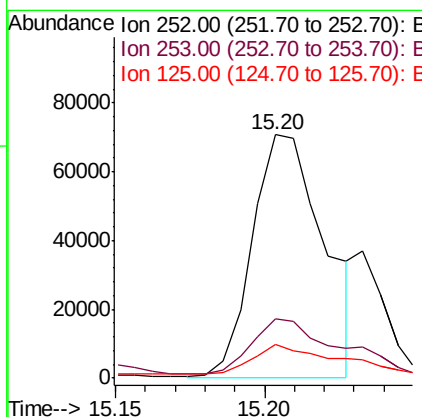
RT: 15.20 min Scan# 2230

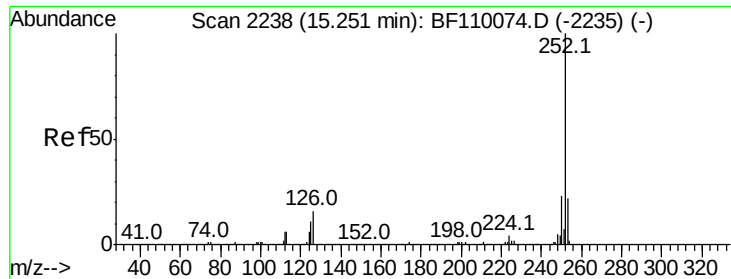
Delta R.T. 0.00 min

Lab File: BF110474.D

Acq: 5 Nov 2018 19:24

Tgt Ion:	252	Resp:	119047
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.2	25.8
125	13.8	8.2	12.4#





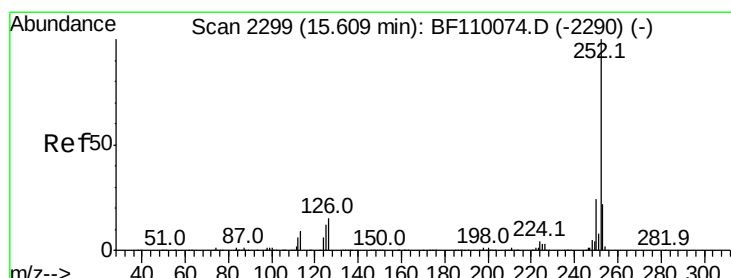
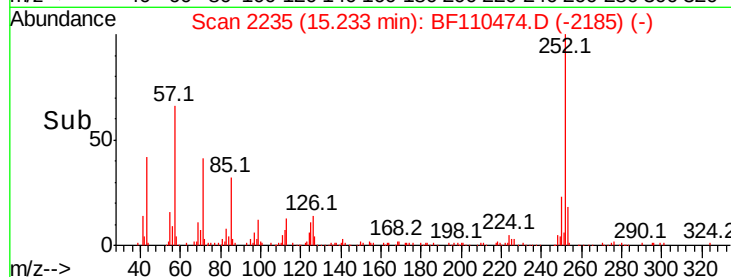
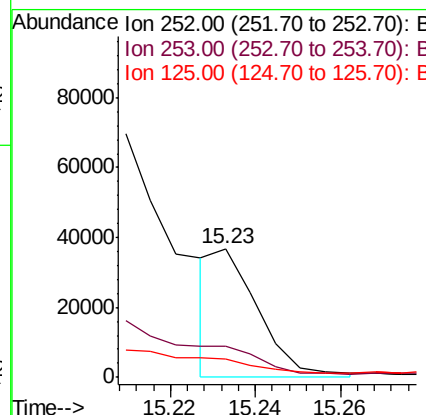
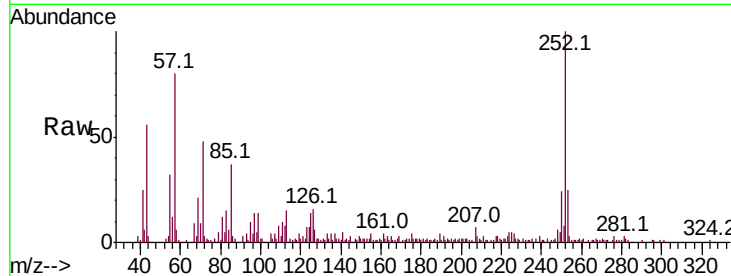
#89
Benzo(k)fluoranthene
Concen: 2.710 ng m
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110474.D
Acq: 5 Nov 2018 19:24

Instrument :
BNA_F
ClientSampleId :
EO-01-110218-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.2	25.8
125	14.2	7.4	11.0

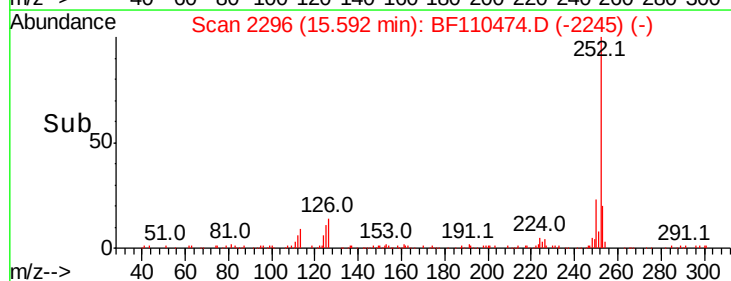
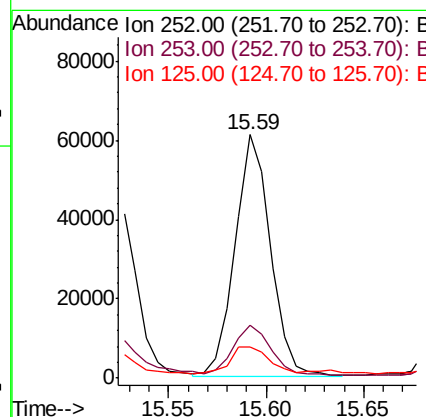
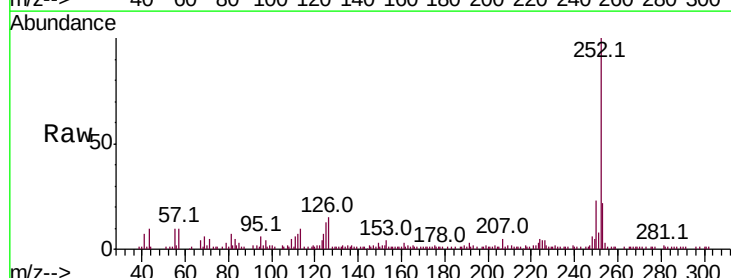
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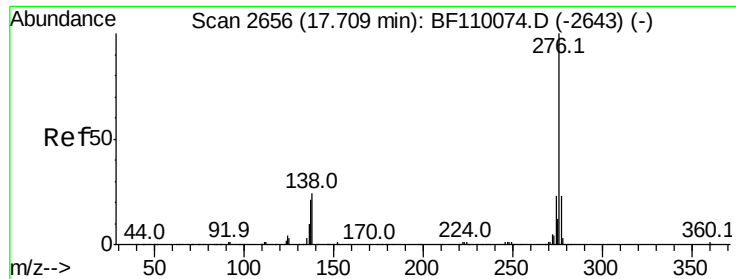
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#90
Benzo(a)pyrene
Concen: 8.311 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF110474.D
Acq: 5 Nov 2018 19:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	12.7	9.0	13.6





#92
 Benzo(a,h,i)perylene
 Concen: 5.106 ng
 RT: 17.70 min Scan# 2655
 Delta R.T. 0.00 min
 Lab File: BF110474.D
 Acq: 5 Nov 2018 19:24

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-110218-B

Tot Ion:	276	Resp:	40363
Ion Ratio	Lower	Upper	
276	100		
277	24.6	18.8	28.2
138	23.9	16.0	24.0

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