

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110433.D
 Acq On : 3 Nov 2018 1:04
 Operator : JU/SJ
 Sample : J5769-13 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FLOOD-AREA-3

Manual Integrations
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Quant Time: Nov 03 03:34:45 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	6.96	152	85380	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	343781	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	146404	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	234526	20.00	ng	0.00
76) Chrysene-d12	14.13	240	150107	20.00	ng	0.00
87) Perylene-d12	15.66	264	115928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	277141	52.86	ng	0.00
7) Phenol-d6	6.57	99	353807	52.76	ng	0.00
23) Nitrobenzene-d5	7.52	82	204612	35.30	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	66448	45.82	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	407723	43.73	ng	0.00
79) Terphenyl-d14	13.07	244	287175	39.79	ng	0.00
Target Compounds						
10) Phenol	6.59	94	22997	3.208	ng	80
50) Dimethylphthalate	9.70	163	84361	7.806	ng	99
71) Phenanthrene	11.51	178	118437	9.651	ng	98
75) Fluoranthene	12.70	202	309121	24.821	ng	99
78) Pyrene	12.94	202	261521	24.302	ng	99
81) Benzo(a)anthracene	14.13	228	110770	12.444	ng	97
83) Chrysene	14.16	228	128978	15.255	ng	98
86) Indeno(1,2,3-cd)pyrene	17.22	276	58118	8.286	ng	100
88) Benzo(b)fluoranthene	15.21	252	161984m	24.197	ng	
89) Benzo(k)fluoranthene	15.23	252	44316m	6.734	ng	
90) Benzo(a)pyrene	15.59	252	90373	14.671	ng	98
91) Dibenzo(a,h)anthracene	17.23	278	14905m	2.804	ng	
92) Benzo(a,h,i)perylene	17.70	276	62538	11.940	ng	96

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



#1

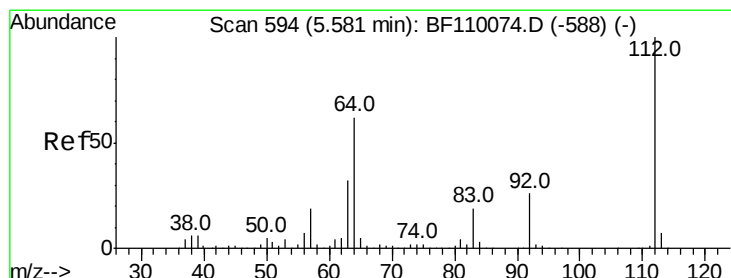
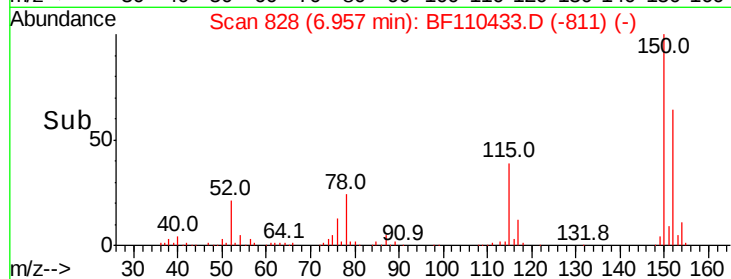
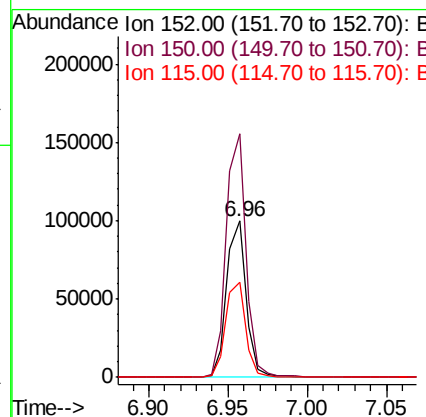
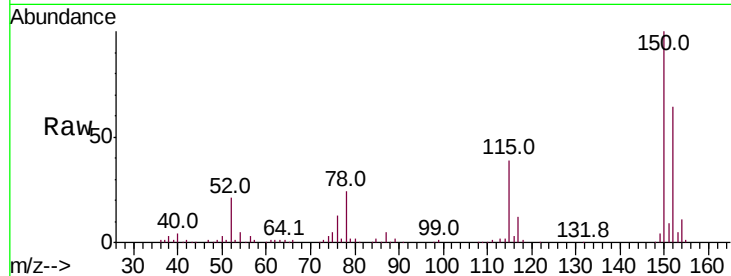
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF110433.D
 Acq: 3 Nov 2018 1:04

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.7	184.1
115	60.5	49.1	73.7

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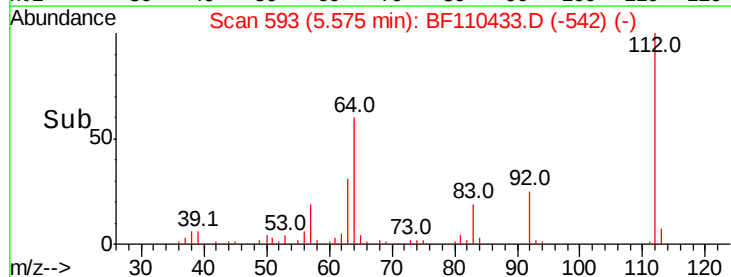
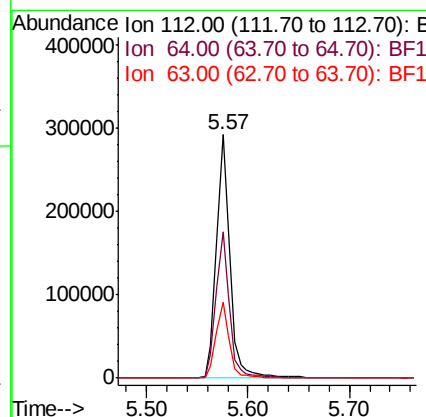
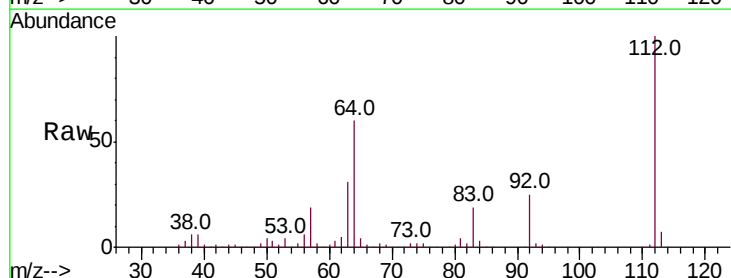
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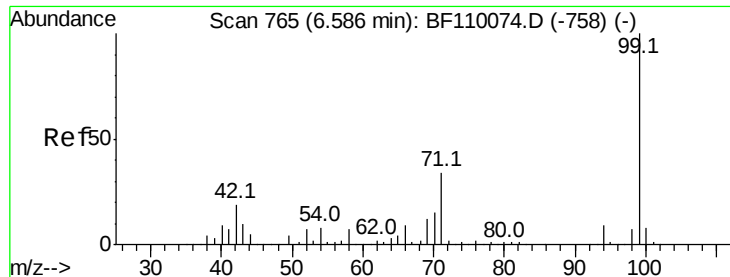


#5

2-Fluorophenol
 Concen: 52.859 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF110433.D
 Acq: 3 Nov 2018 1:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	44.1	66.1
63	31.2	23.7	35.5





#7

Phenol-d6

Concen: 52.758 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110433.D

Acq: 3 Nov 2018 1:04

Instrument :

BNA_F

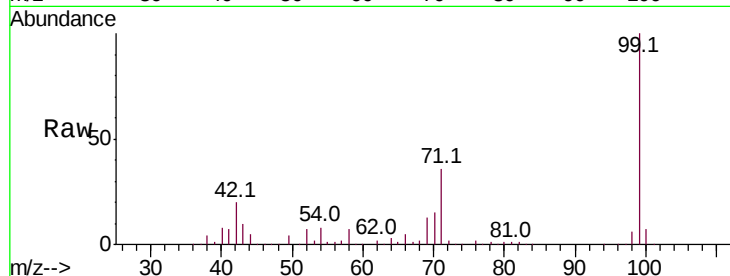
ClientSampleId :

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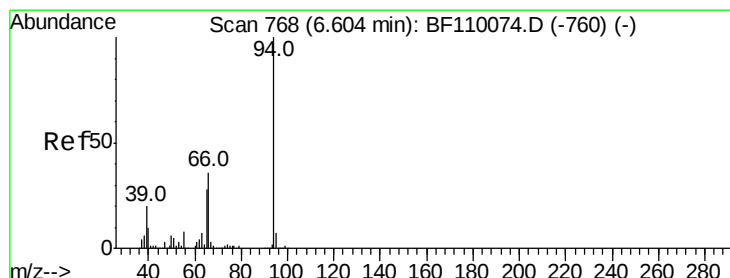
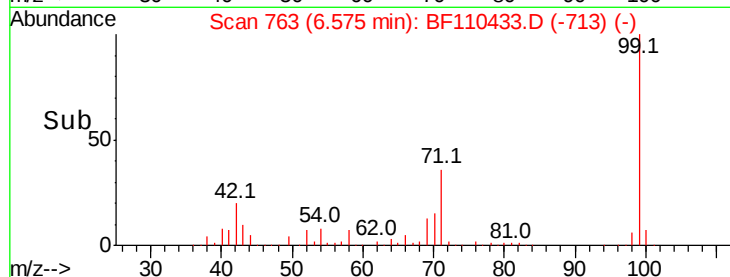
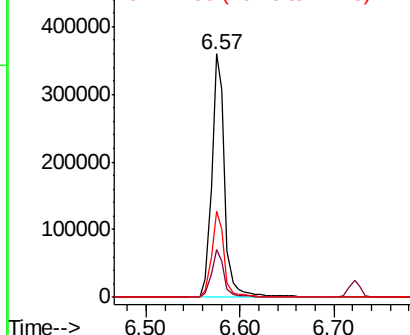
Tot Ion:	99	Resp:	353807
Ion Ratio	Lower	Upper	
99	100		
42	19.7	15.8	23.6
71	35.6	28.0	42.0

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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: 3.208 ng

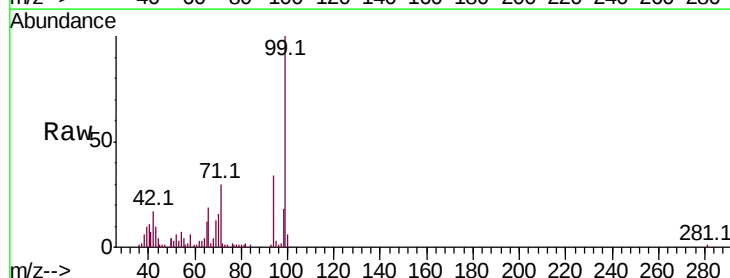
RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

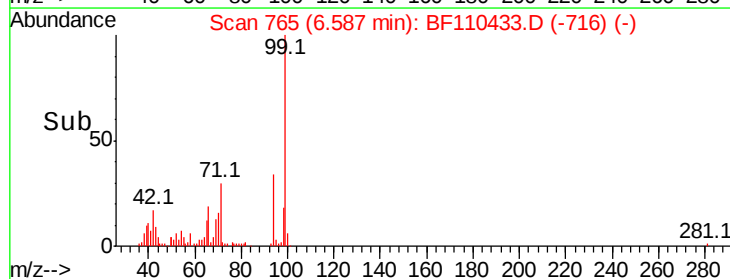
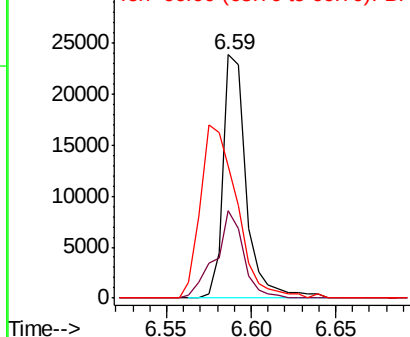
Lab File: BF110433.D

Acq: 3 Nov 2018 1:04

Tgt Ion:	94	Resp:	22997
Ion Ratio	Lower	Upper	
94	100		
65	35.7	25.3	65.3
66	54.5	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





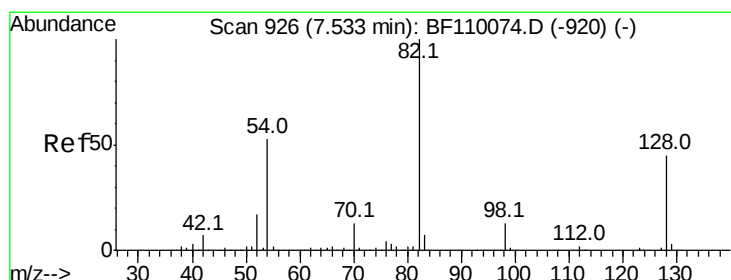
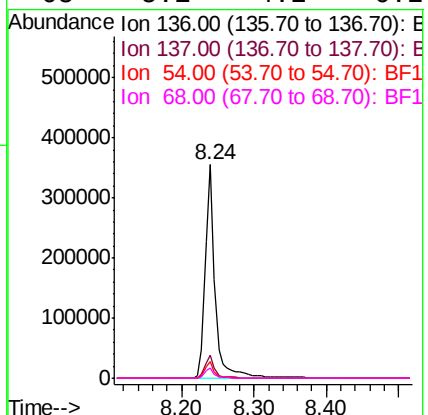
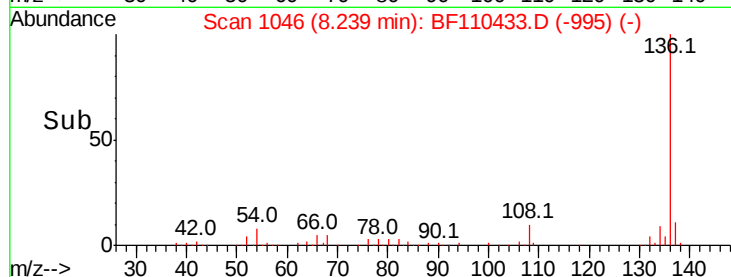
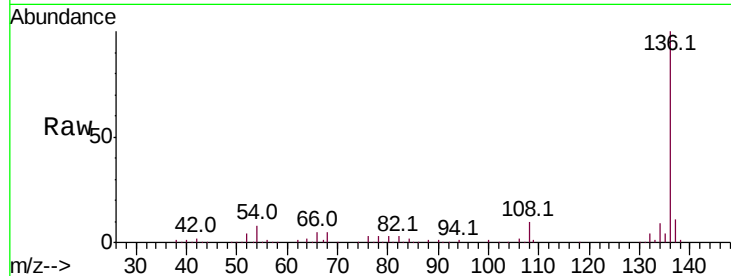
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110433.D
Acq: 3 Nov 2018 1:04

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.9		8.8	13.2	
54	7.6		5.4	8.2	
68	5.1		4.2	6.2	

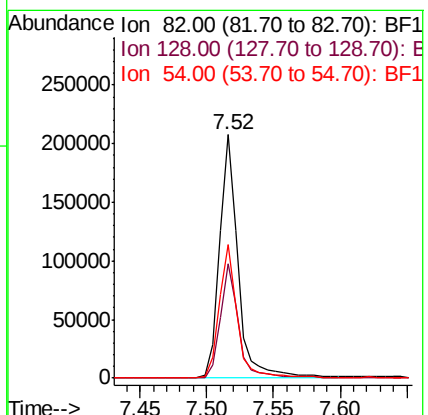
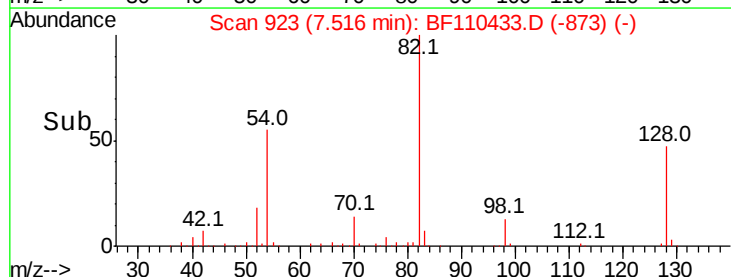
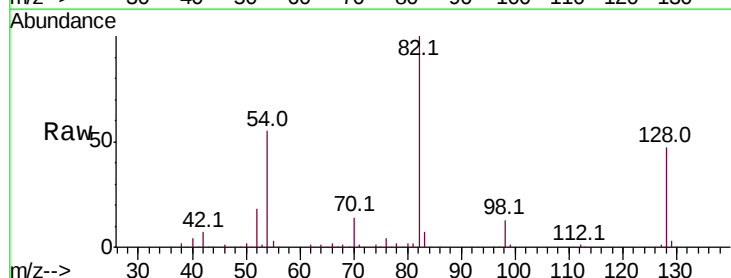
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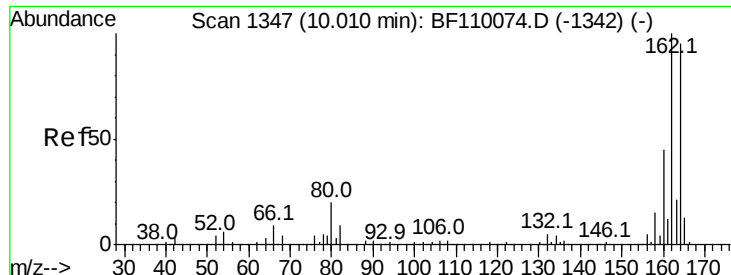
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#23
Nitrobenzene-d5
Concen: 35.302 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110433.D
Acq: 3 Nov 2018 1:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	46.7		34.2	51.2	
54	54.6		38.6	58.0	





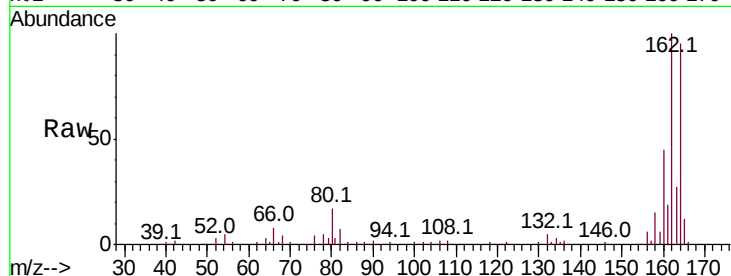
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110433.D
Acq: 3 Nov 2018 1:04

Instrument :
BNA_F
ClientSampleId :
FLOOD-AREA-3

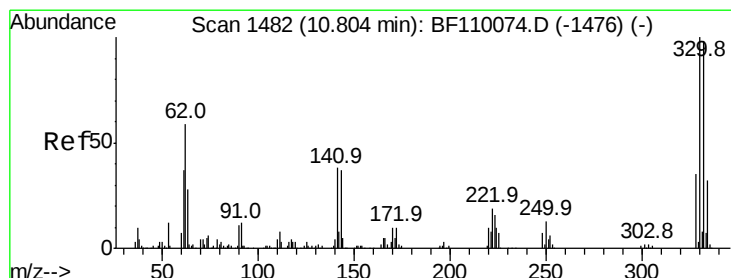
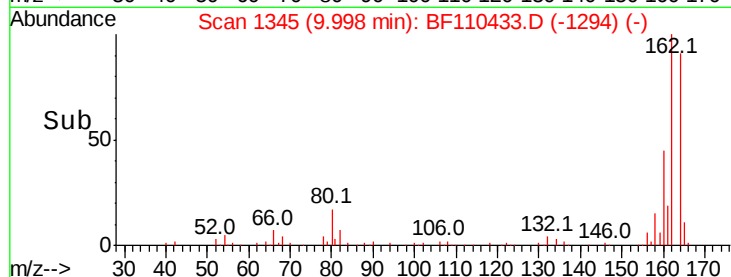
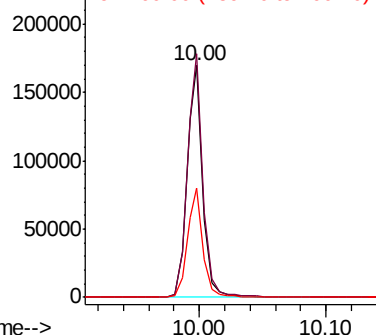
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.0	124.6
160	47.0	37.0	55.6

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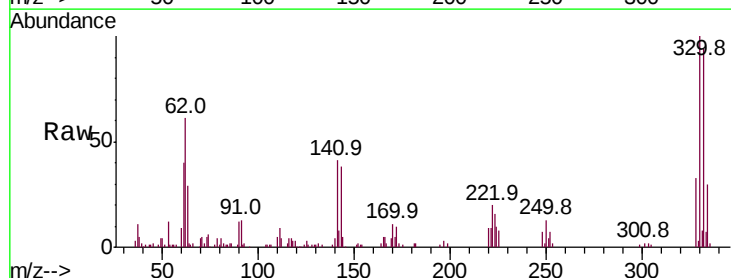


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

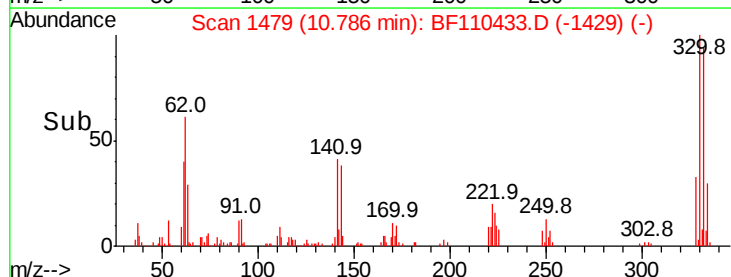
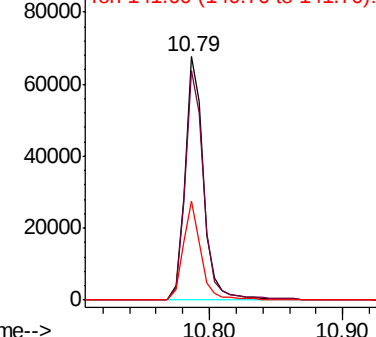


#42
2,4,6-Tribromophenol
Concen: 45.819 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110433.D
Acq: 3 Nov 2018 1:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.1	115.7
141	38.5	27.0	40.4



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





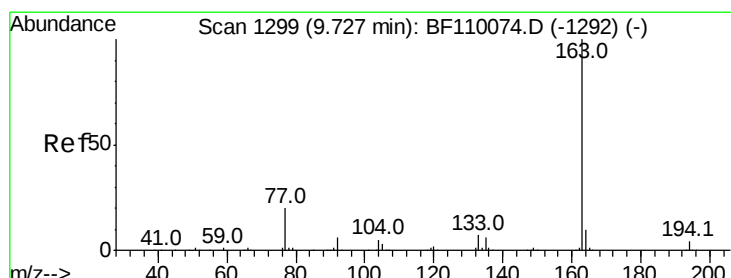
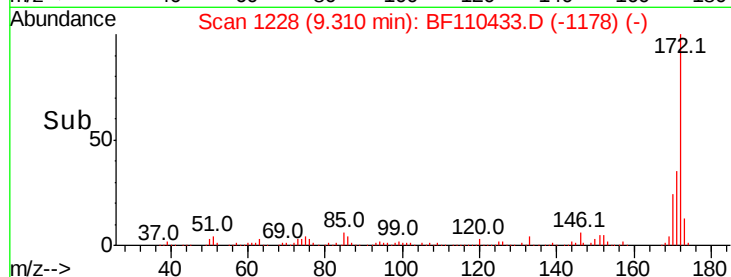
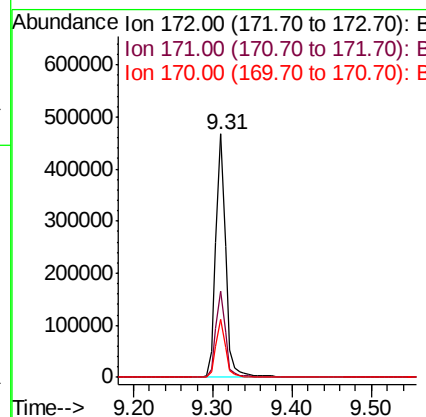
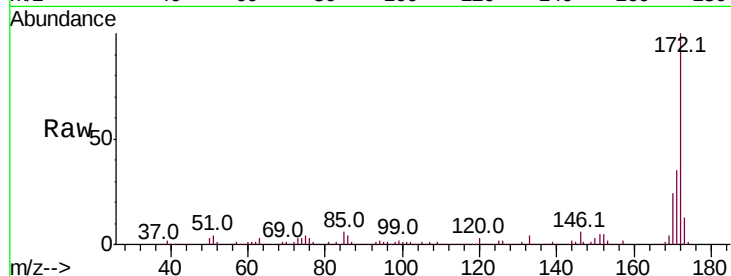
#45
2-Fluorobiphenyl
Concen: 43.730 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110433.D
Acq: 3 Nov 2018 1:04

Instrument :
BNA_F
ClientSampleId :
FLOOD-AREA-3

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.3	28.6	43.0	
170	23.7	19.7	29.5	

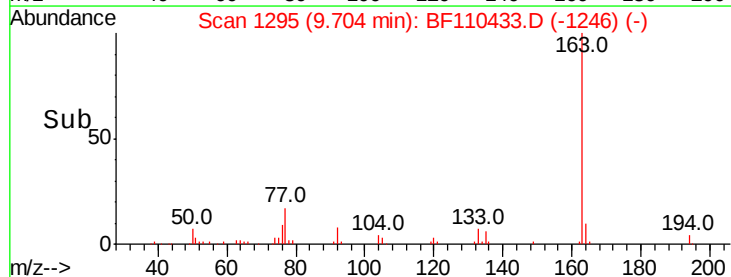
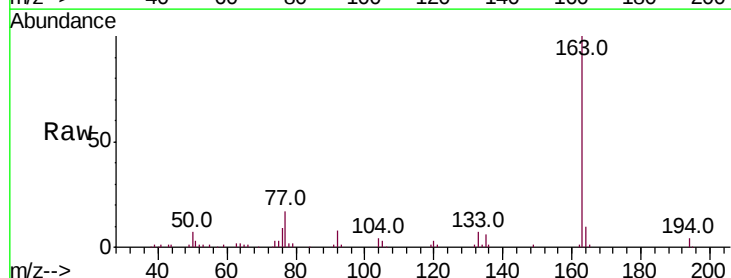
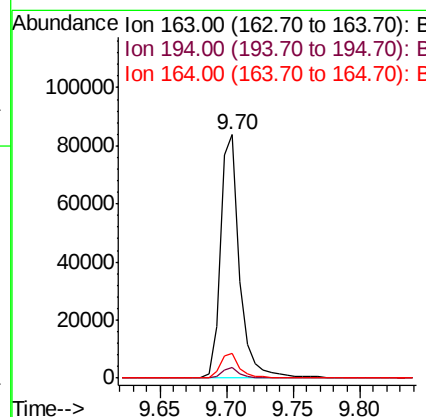
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#50
Dimethylphthalate
Concen: 7.806 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110433.D
Acq: 3 Nov 2018 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	3.2	4.8	
164	9.9	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: BF110433.D

Acq: 3 Nov 2018 1:04

Instrument :

BNA_F

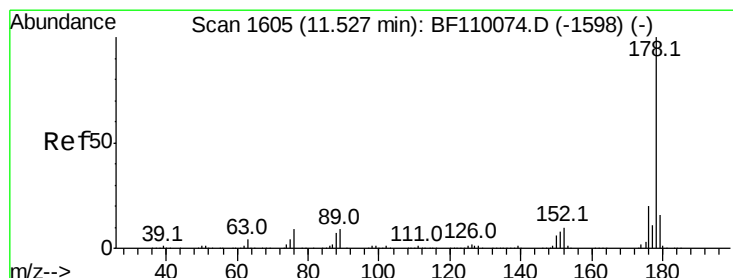
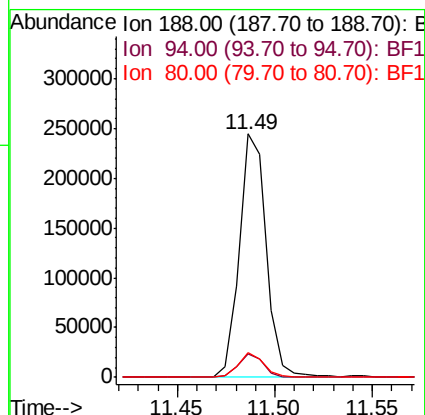
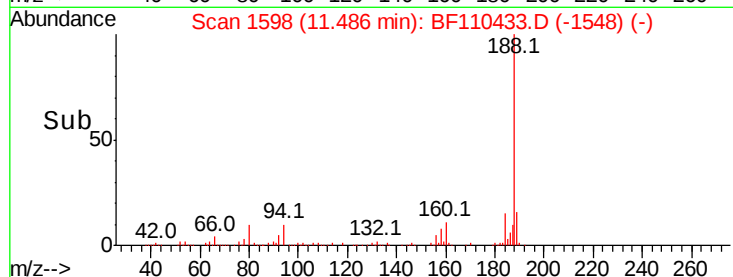
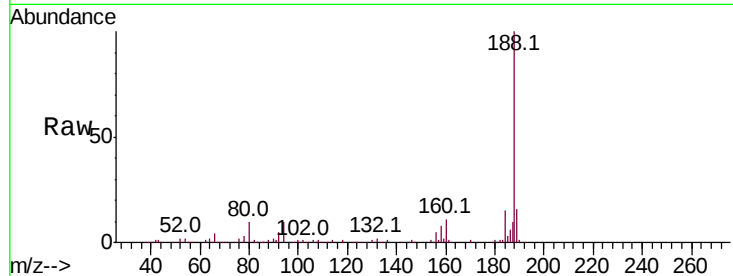
ClientSampleId :

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Tot Ion:	188	Resp:	234526
Ion Ratio	Lower	Upper	
188	100		
94	9.6	7.2	10.8
80	10.1	7.9	11.9

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#71

Phenanthrene

Concen: 9.651 ng

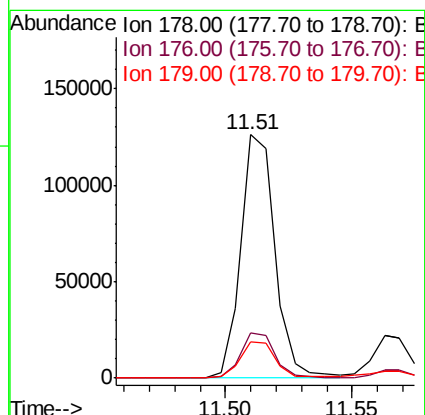
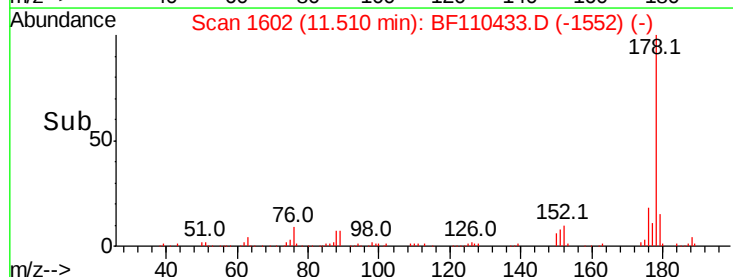
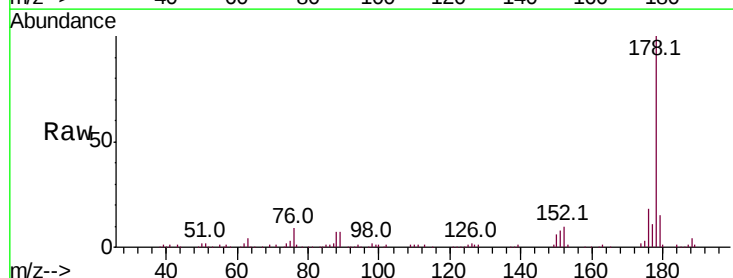
RT: 11.51 min Scan# 1602

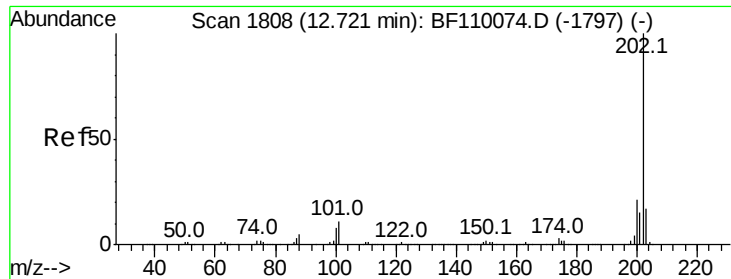
Delta R.T. -0.01 min

Lab File: BF110433.D

Acq: 3 Nov 2018 1:04

Tgt Ion:	178	Resp:	118437
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.5	23.3
179	14.9	12.5	18.7





#75

Fluoranthene

Concen: 24.821 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110433.D

Acq: 3 Nov 2018 1:04

Instrument :

BNA_F

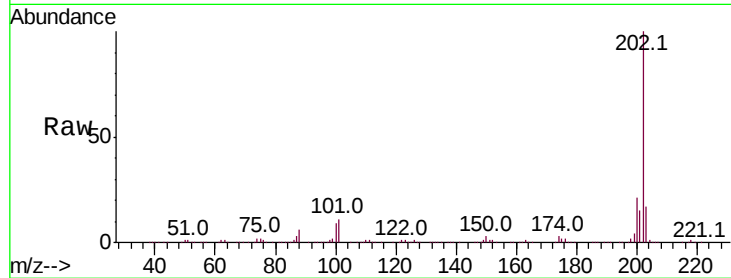
ClientSampleId :

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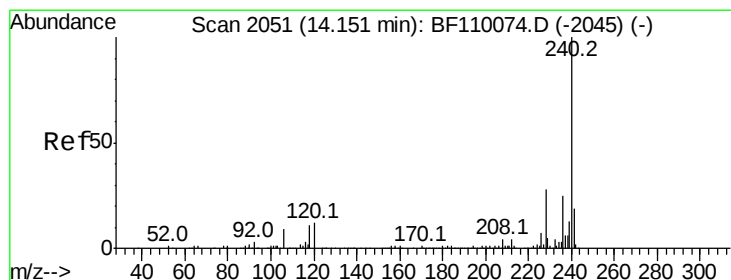
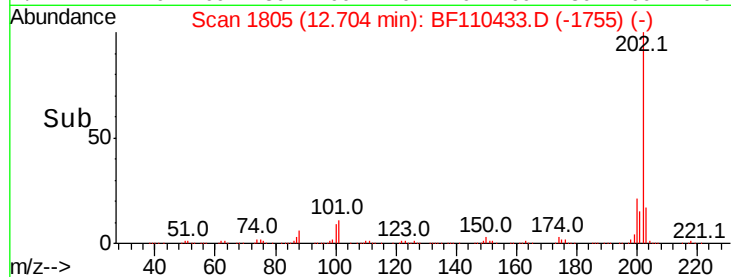
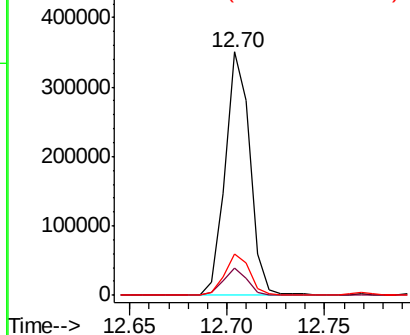
Tot Ion	Ratio	Resp	Lower	Upper
202	100	309121		
101	11.0	0.0	31.4	
203	17.2	0.0	37.7	

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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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

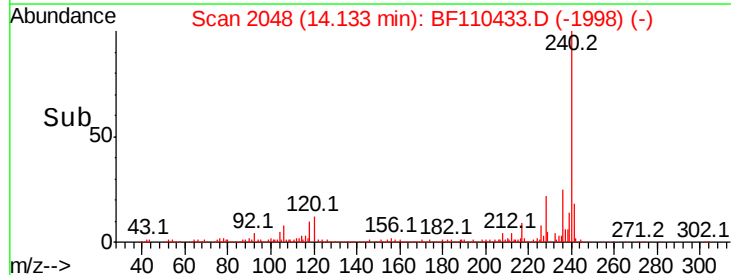
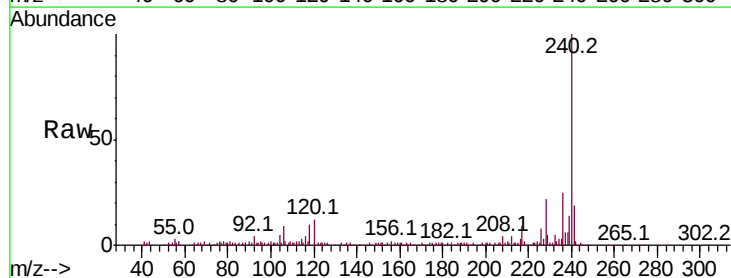
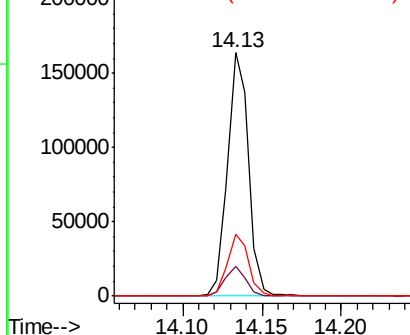
Delta R.T. -0.01 min

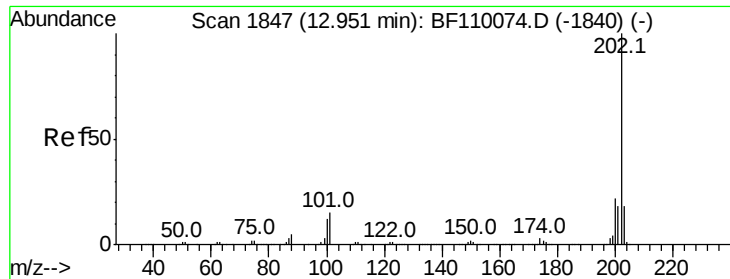
Lab File: BF110433.D

Acq: 3 Nov 2018 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	150107		
120	12.3	8.3	12.5	
236	25.2	21.2	31.8	

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





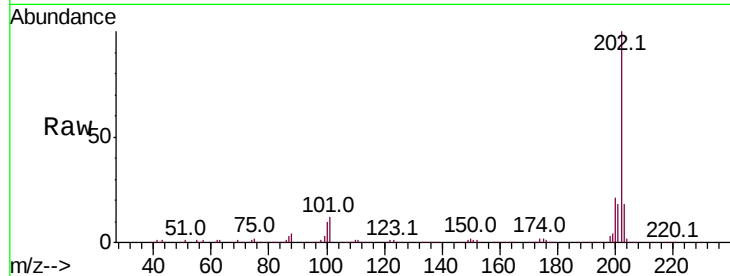
#78
Pvrene
Concen: 24.302 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110433.D
Acq: 3 Nov 2018 1:04

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	17.8	26.6
203	17.9	14.2	21.4

Manual Integrations
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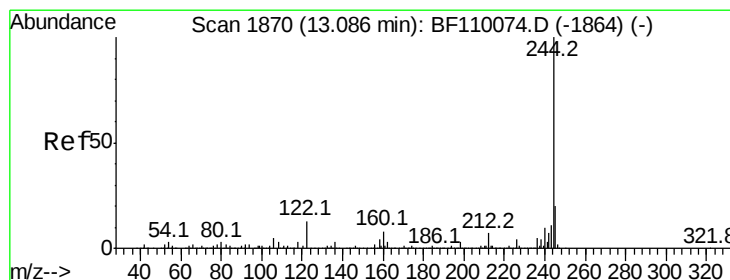
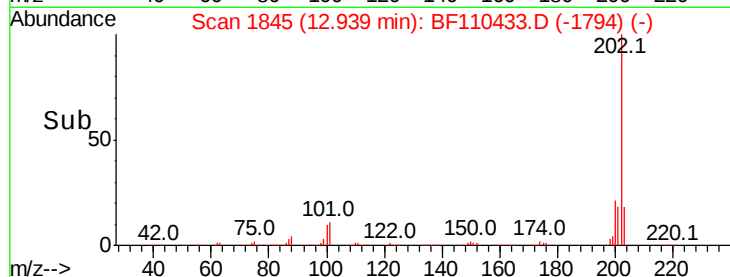
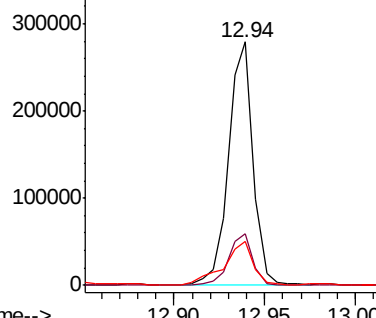


Abundance

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



#79
Terphenyl-d14
Concen: 39.788 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110433.D
Acq: 3 Nov 2018 1:04

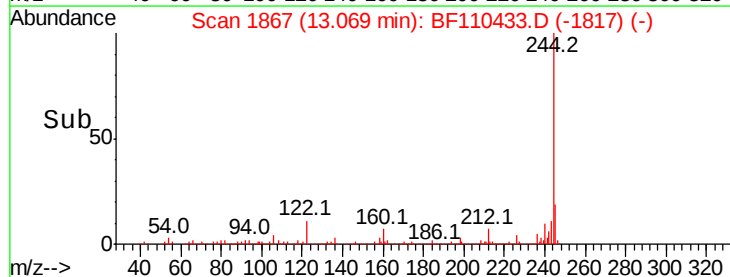
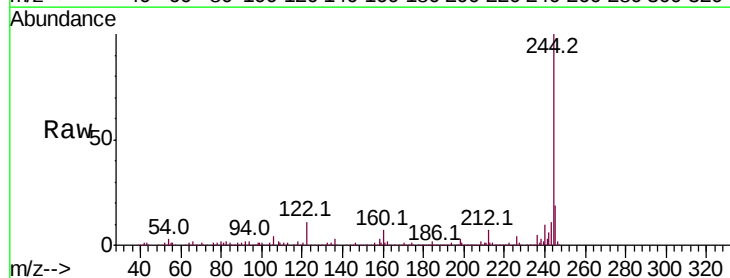
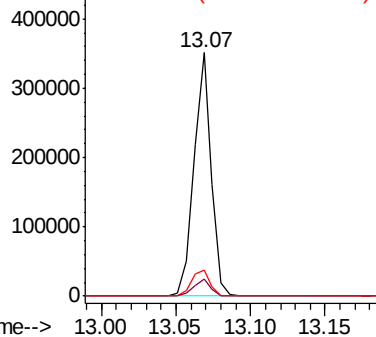
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.9	8.7	13.1

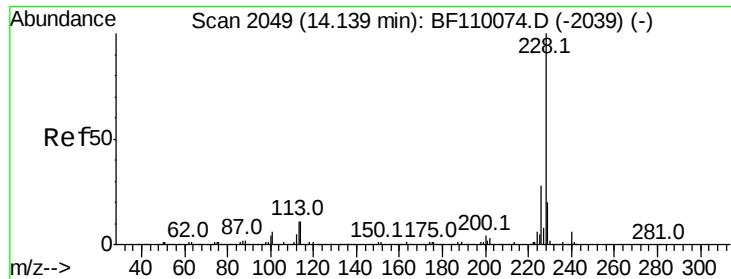
Abundance

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





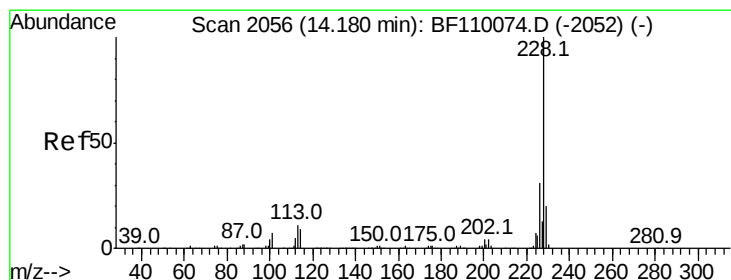
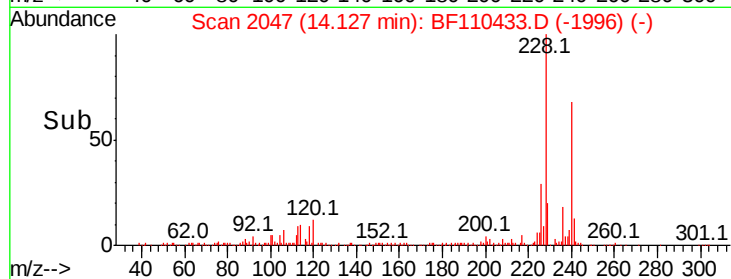
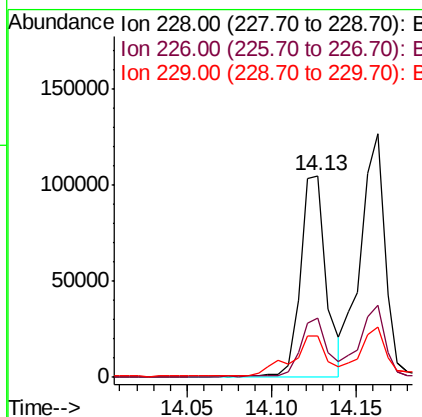
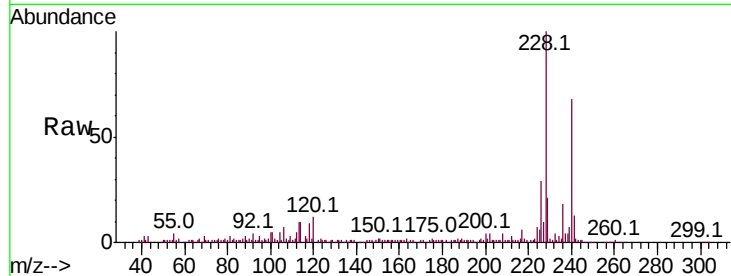
#81
Benzo(a)anthracene
Concen: 12.444 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110433.D
Acq: 3 Nov 2018 1:04

Instrument :
BNA_F
ClientSampled :
FLOOD-AREA-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.1	33.1
229	20.7	15.6	23.4

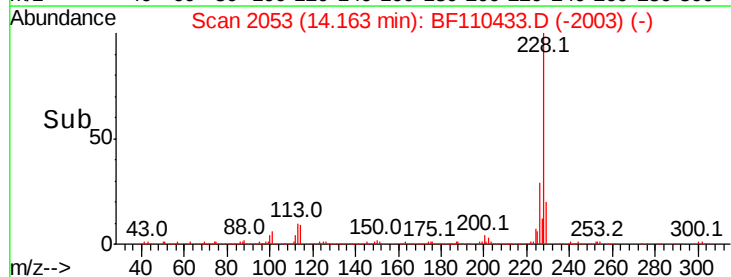
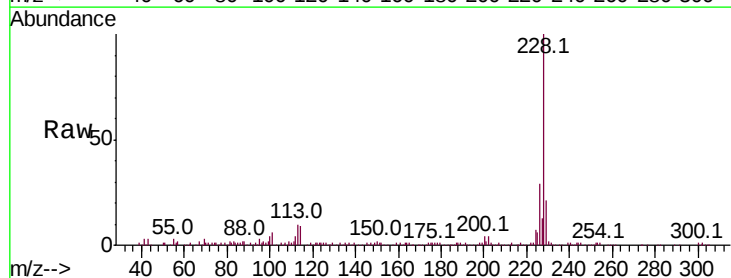
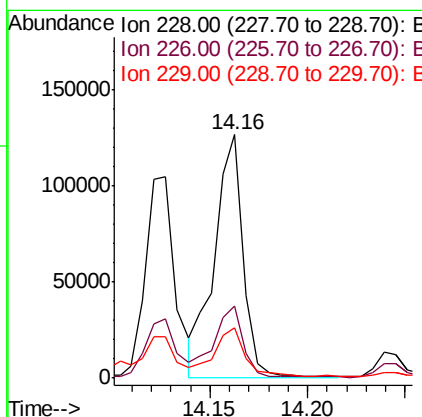
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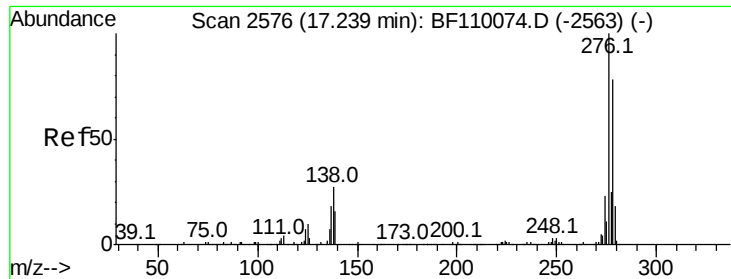
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#83
Chrysene
Concen: 15.255 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110433.D
Acq: 3 Nov 2018 1:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.7	37.1
229	20.6	15.9	23.9





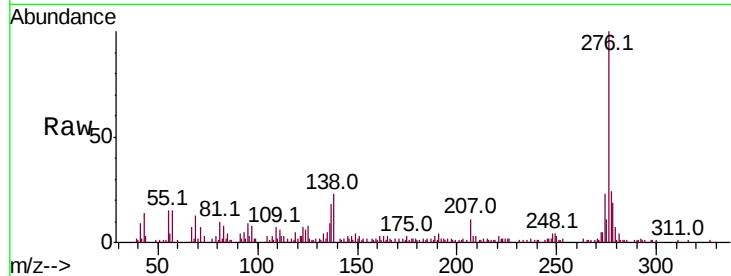
#86
Indeno(1,2,3-cd)pyrene
Concen: 8.286 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF110433.D
Acq: 3 Nov 2018 1:04

Instrument :
BNA_F
ClientSampleId :
FLOOD-AREA-3

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	18.5	27.7
277	24.9	20.0	30.0

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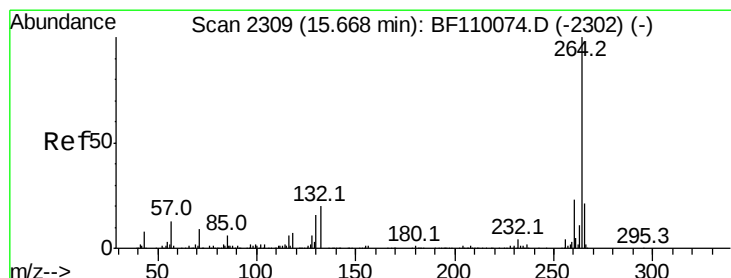
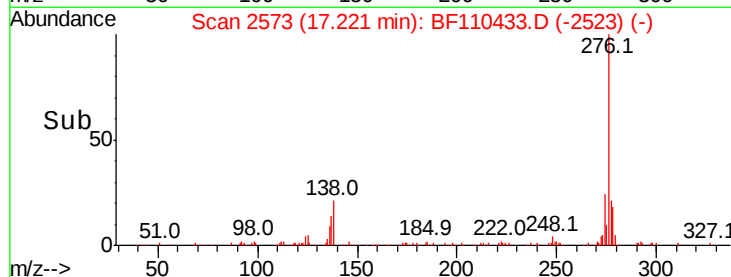
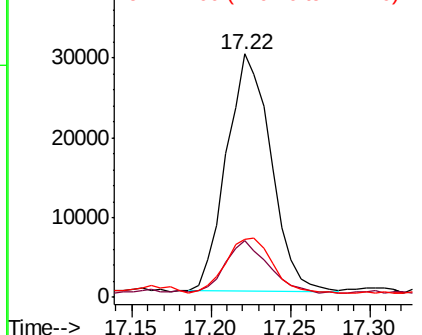


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110433.D
Acq: 3 Nov 2018 1:04

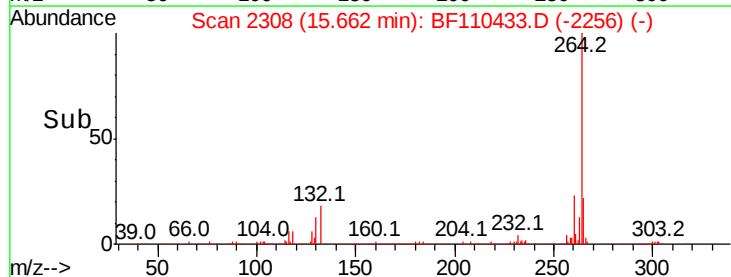
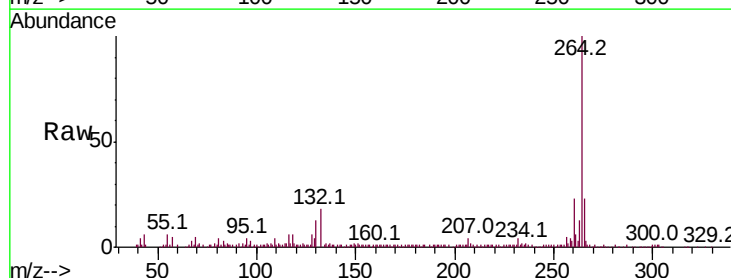
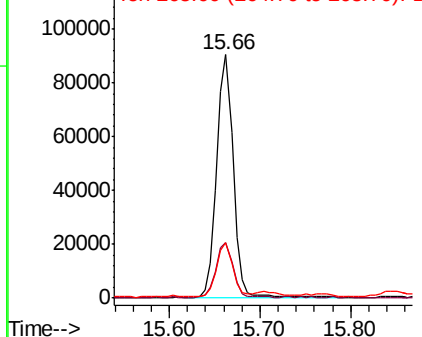
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	22.9	16.7	25.1

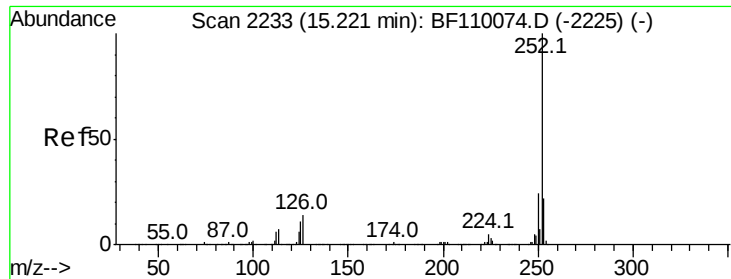
Abundance

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





#88

Benzo(b)fluoranthene

Concen: 24.197 ng m

RT: 15.21 min Scan# 2231

Delta R.T. 0.01 min

Lab File: BF110433.D

Acq: 3 Nov 2018 1:04

Instrument :

BNA_F

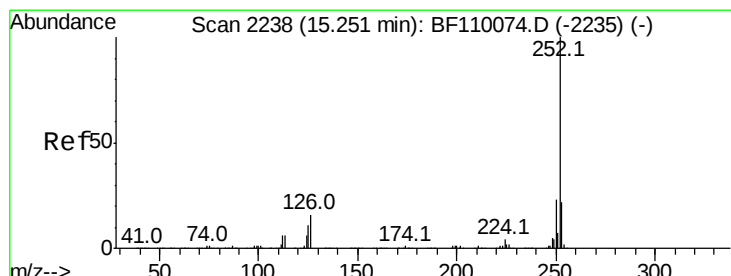
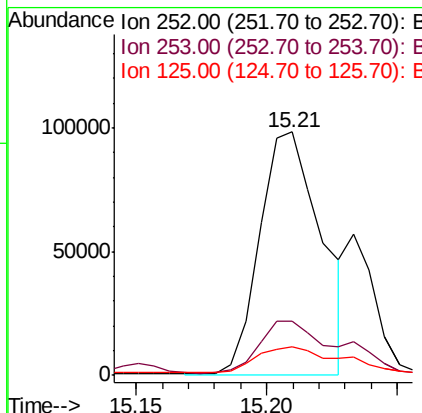
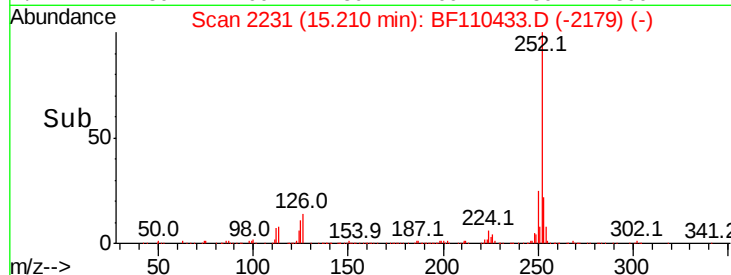
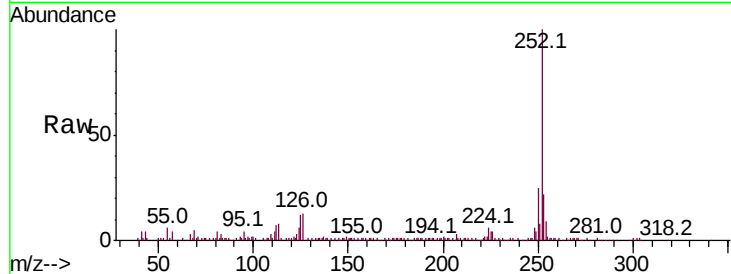
ClientSampled :

FLOOD-AREA-3

Tot Ion:	252	Resp:	161984
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.2	25.8
125	11.7	8.2	12.4

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#89

Benzo(k)fluoranthene

Concen: 6.734 ng m

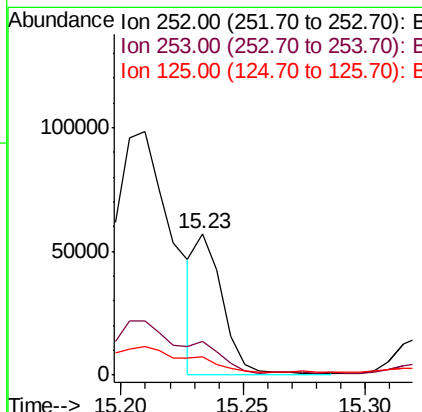
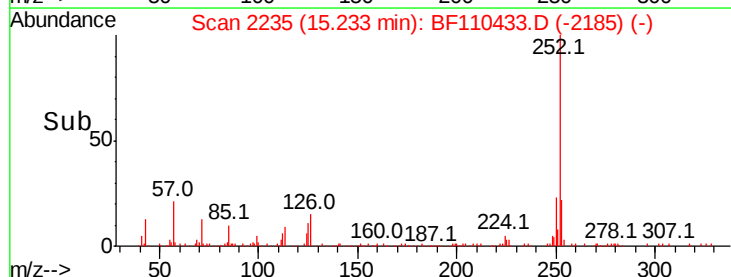
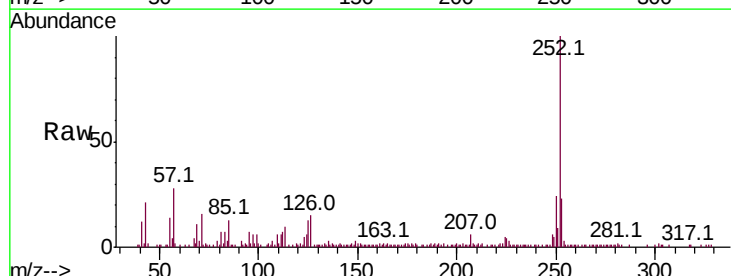
RT: 15.23 min Scan# 2235

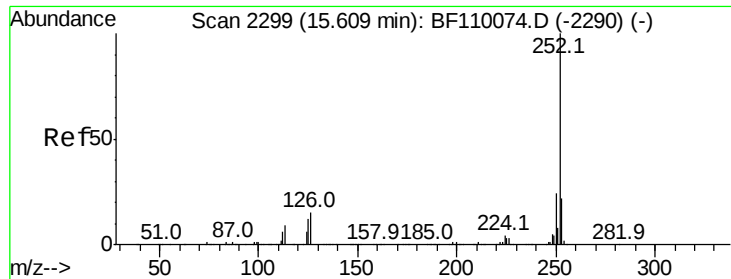
Delta R.T. -0.01 min

Lab File: BF110433.D

Acq: 3 Nov 2018 1:04

Tgt Ion:	252	Resp:	44316
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.2	25.8
125	12.6	7.4	11.0#





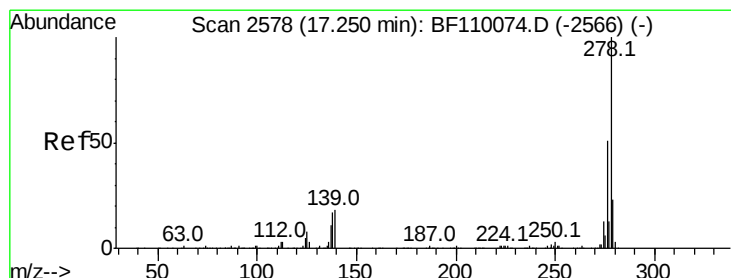
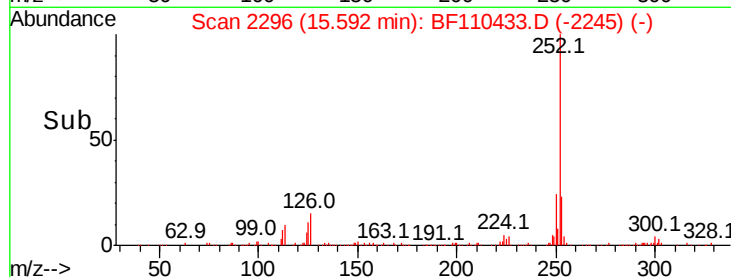
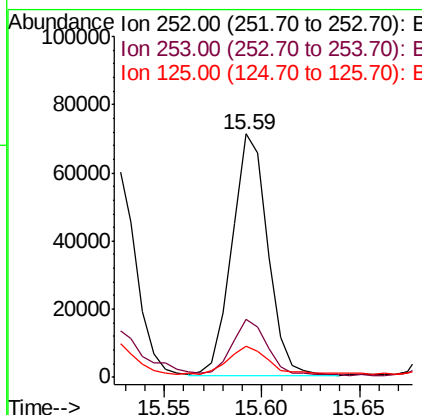
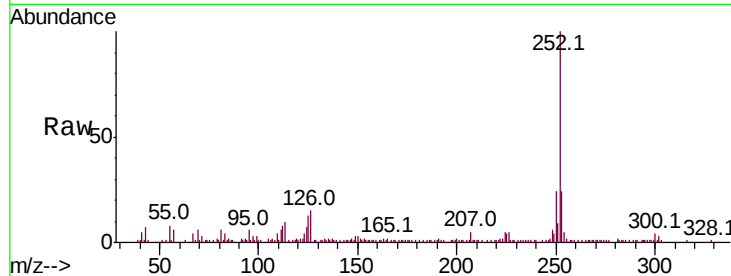
#90
Benzo(a)pyrene
Concen: 14.671 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF110433.D
Acq: 3 Nov 2018 1:04

Instrument :
BNA_F
ClientSampleId :
FLOOD-AREA-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	12.7	9.0	13.6

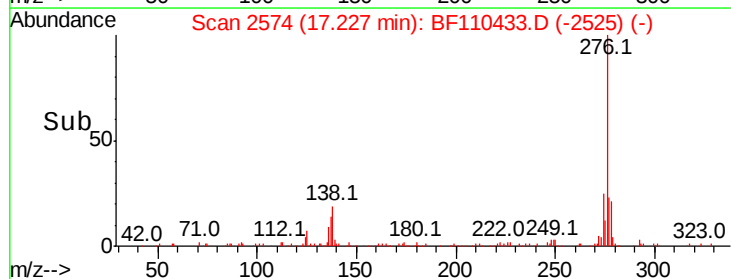
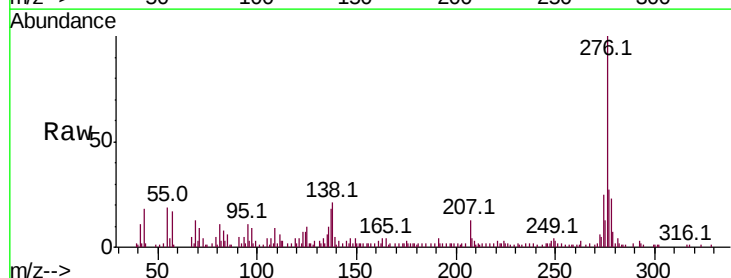
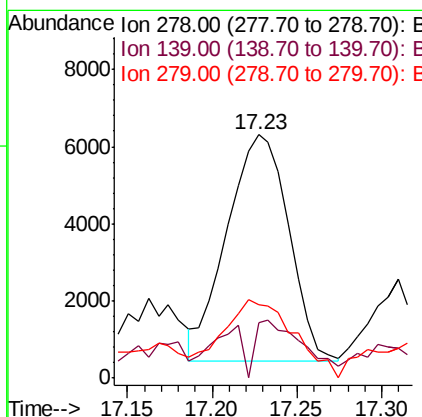
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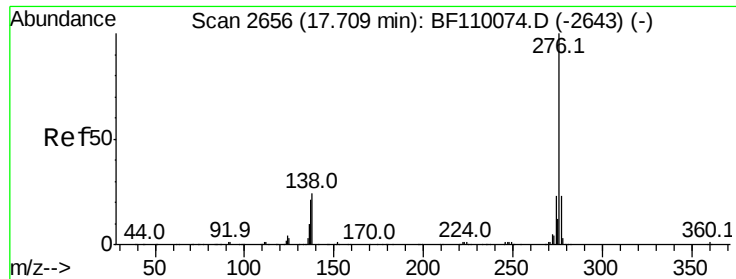
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#91
Dibenzo(a,h)anthracene
Concen: 2.804 ng m
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF110433.D
Acq: 3 Nov 2018 1:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.7	12.7	19.1#
279	30.4	19.0	28.4#





#92
 Benzo(a,h,i)perylene
 Concen: 11.940 ng
 RT: 17.70 min Scan# 2655
 Delta R.T. 0.00 min
 Lab File: BF110433.D
 Acq: 3 Nov 2018 1:04

Instrument :
 BNA_F
 ClientSampleId :
 FLOOD-AREA-3

Tot Ion:	276	Resp:	62538
Ion Ratio	Lower	Upper	
276	100		
277	25.5	18.8	28.2
138	21.5	16.0	24.0

Manual Integrations
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