

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110431.D
 Acq On : 3 Nov 2018 00:09
 Operator : JU/SJ
 Sample : J5769-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FLOOD-AREA-1

Manual Integrations
 APPROVED

Sohil
 11/5/2018 10:32:52 AM

Quant Time: Nov 03 01:09:01 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	78297	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	286624	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	113499	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	191249	20.00	ng	0.00
76) Chrysene-d12	14.13	240	144693	20.00	ng	0.00
87) Perylene-d12	15.66	264	109370	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	383580	79.78	ng	0.00
7) Phenol-d6	6.58	99	476368	77.46	ng	0.00
23) Nitrobenzene-d5	7.52	82	279077	57.75	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	83788	74.53	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	515146	71.27	ng	0.00
79) Terphenyl-d14	13.07	244	418125	60.10	ng	0.00
Target Compounds						
10) Phenol	6.59	94	29463	4.482	ng	Qvalue # 64
50) Dimethylphthalate	9.70	163	72189	8.616	ng	99
71) Phenanthrene	11.51	178	122250	12.216	ng	99
72) Anthracene	11.56	178	23527	2.346	ng	97
75) Fluoranthene	12.70	202	350227	34.485	ng	100
78) Pyrene	12.94	202	315058	30.372	ng	99
81) Benzo(a)anthracene	14.13	228	144658	16.859	ng	97
83) Chrysene	14.16	228	149505	18.344	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	18226	2.995	ng	# 99
86) Indeno(1,2,3-cd)pyrene	17.23	276	64042	9.472	ng	98
88) Benzo(b)fluoranthene	15.20	252	172227m	27.270	ng	
89) Benzo(k)fluoranthene	15.23	252	47033m	7.575	ng	
90) Benzo(a)pyrene	15.60	252	102616	17.657	ng	98
91) Dibenzo(a,h)anthracene	17.23	278	16615	3.313	ng	# 77
92) Benzo(a,h,i)perylene	17.70	276	60792	12.303	ng	# 94

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

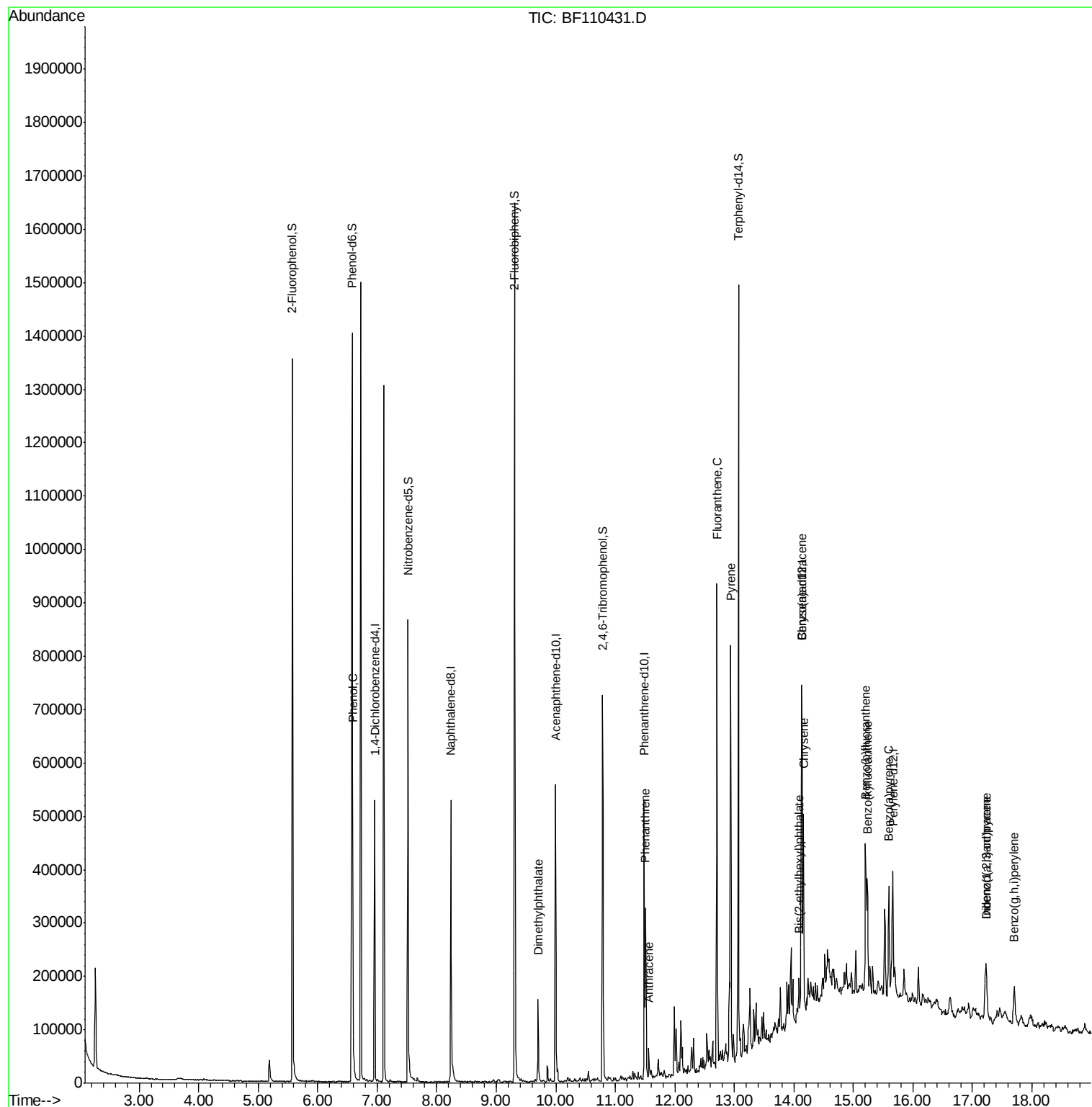
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
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#1

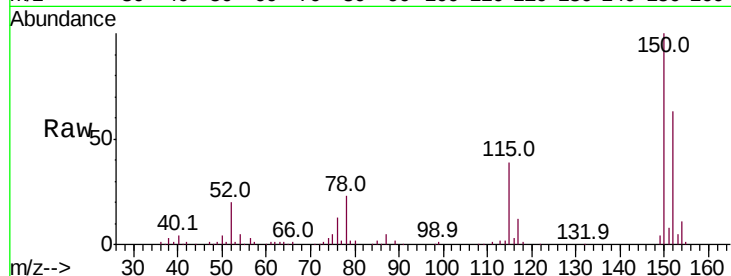
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110431.D
Acq: 3 Nov 2018 00:09

Instrument :
BNA_F
ClientSampleId :
FLOOD-AREA-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.7	184.1
115	61.8	49.1	73.7

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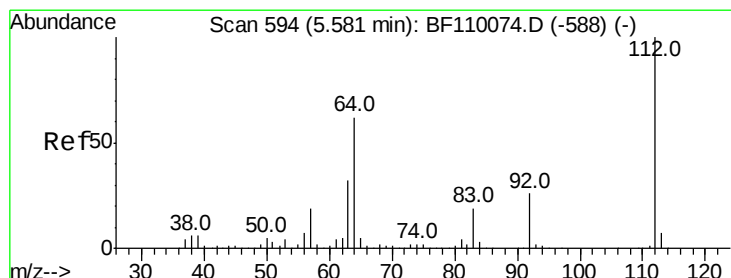
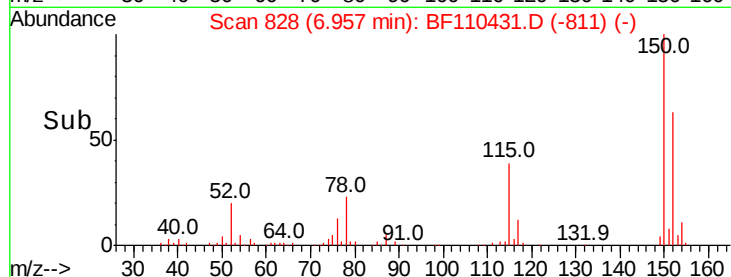
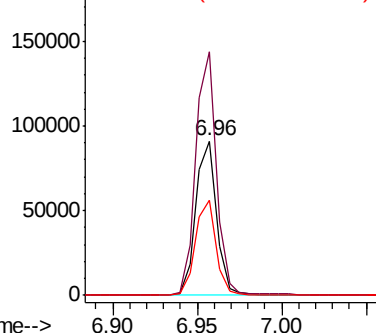


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

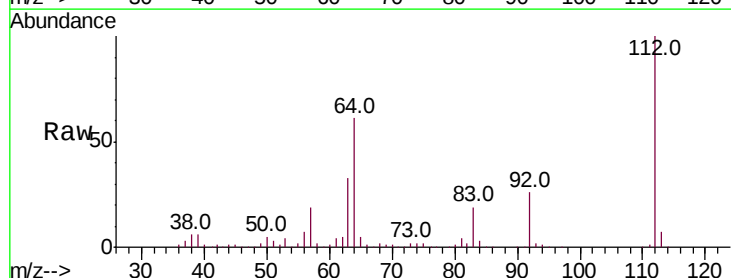
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.778 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110431.D
Acq: 3 Nov 2018 00:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	44.1	66.1
63	32.9	23.7	35.5

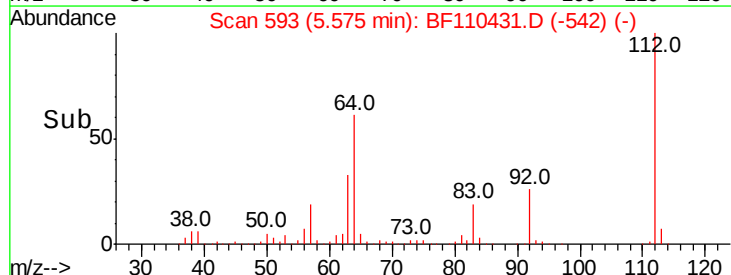
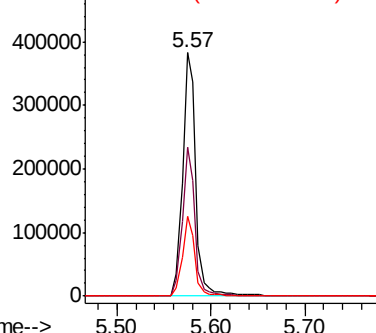


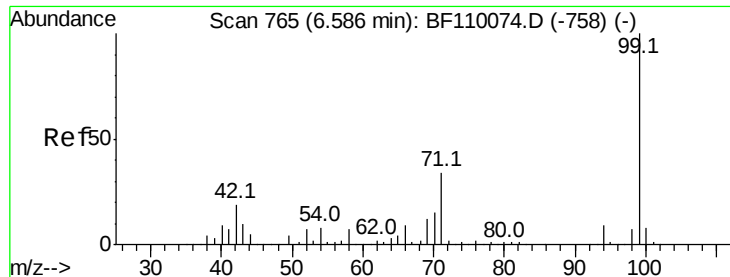
Abundance

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: 77.460 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110431.D

Acq: 3 Nov 2018 00:09

Instrument :

BNA_F

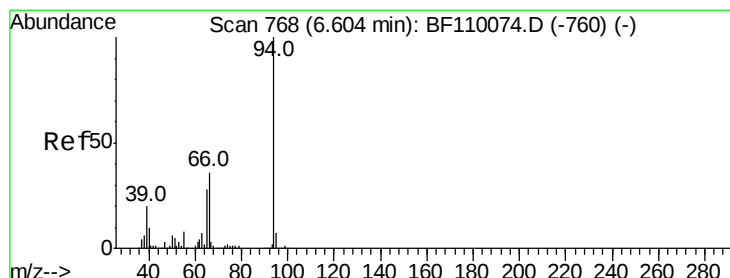
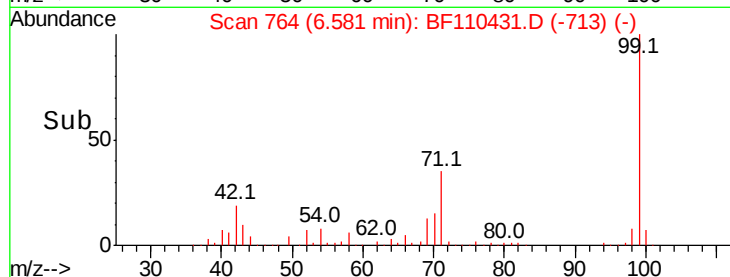
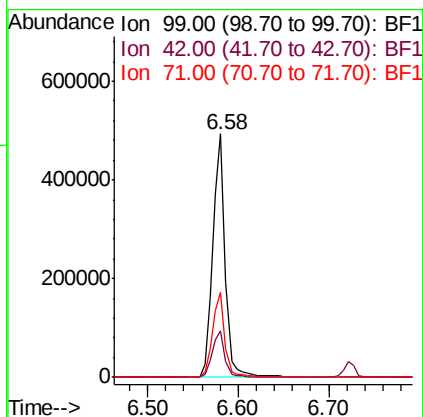
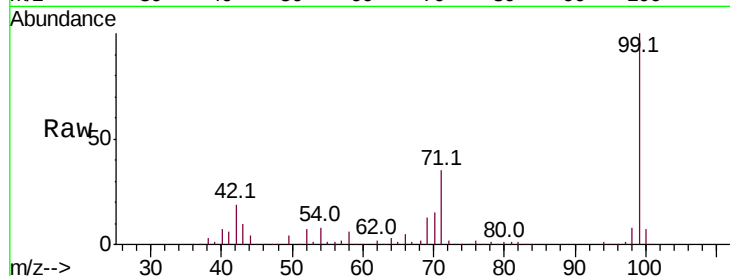
ClientSampleId :

FLOOD-AREA-1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		476368		
42	18.9	15.8	23.6		
71	35.1	28.0	42.0		

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#10

Phenol

Concen: 4.482 ng

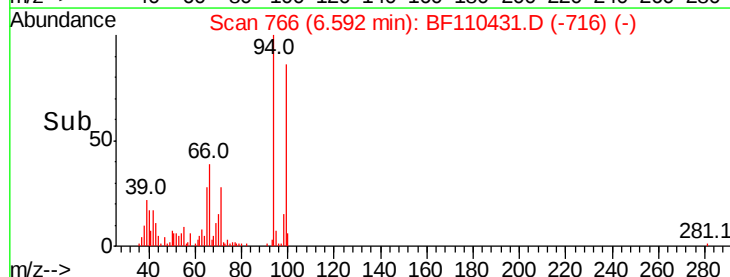
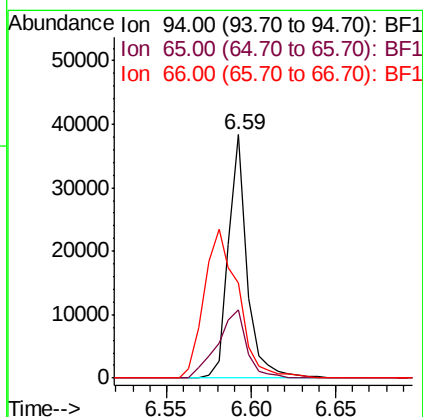
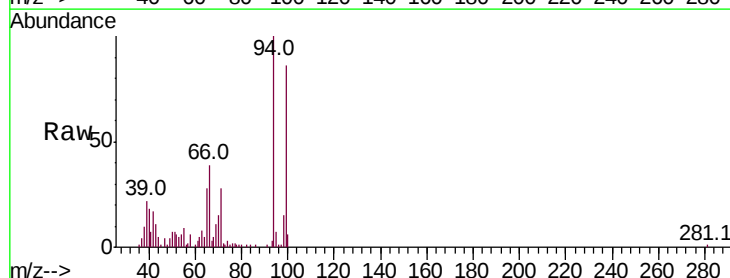
RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110431.D

Acq: 3 Nov 2018 00:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		29463		
65	27.9	25.3	65.3		
66	39.1	54.5	94.5#		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110431.D

Acq: 3 Nov 2018 00:09

Instrument :

BNA_F

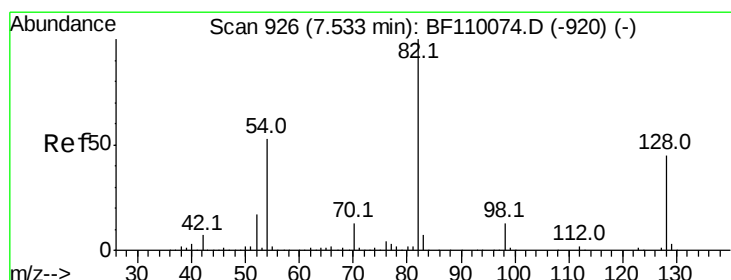
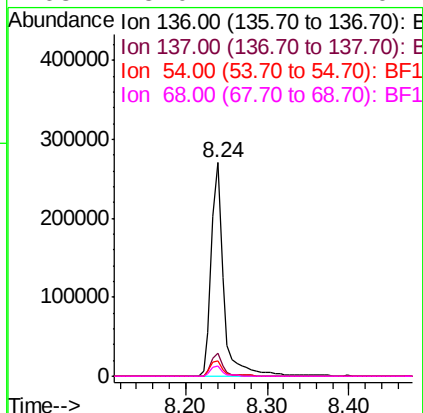
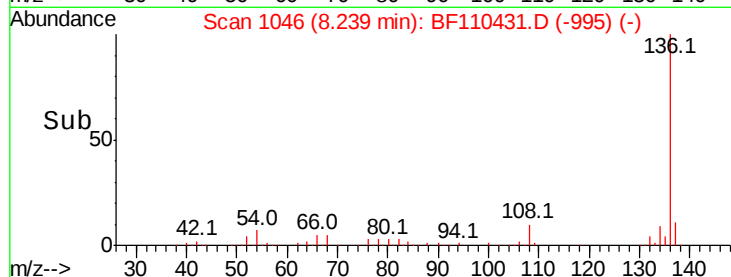
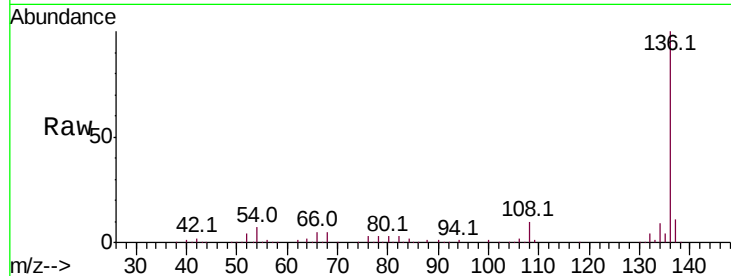
ClientSampleId :

FLOOD-AREA-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100	286624		
137	10.8		8.8	13.2
54	7.2		5.4	8.2
68	5.0		4.2	6.2

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#23

Nitrobenzene-d5

Concen: 57.751 ng

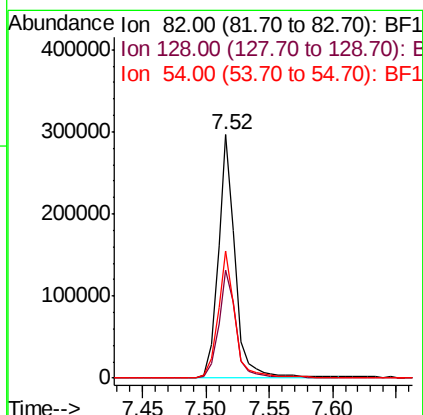
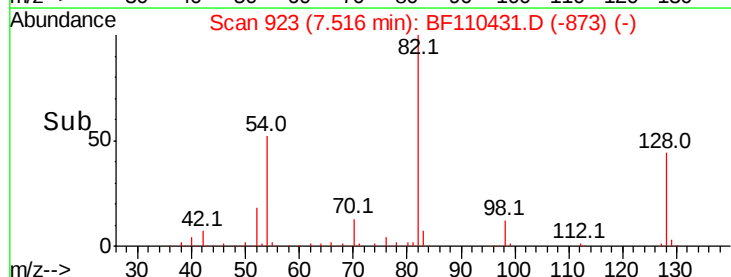
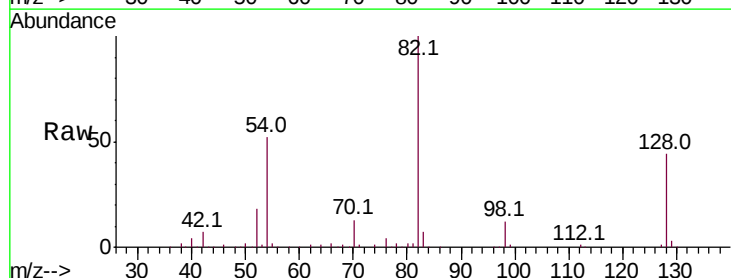
RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF110431.D

Acq: 3 Nov 2018 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	279077		
128	44.1		34.2	51.2
54	52.4		38.6	58.0





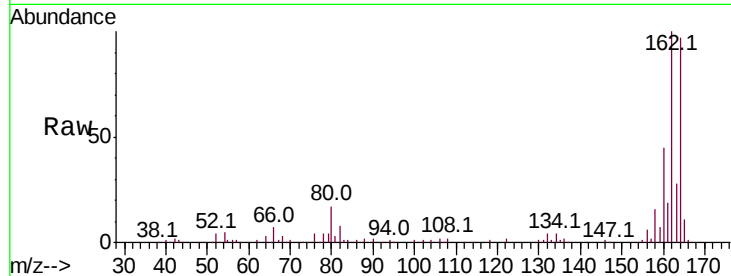
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110431.D
Acq: 3 Nov 2018 00:09

Instrument :
BNA_F
ClientSampleId :
FLOOD-AREA-1

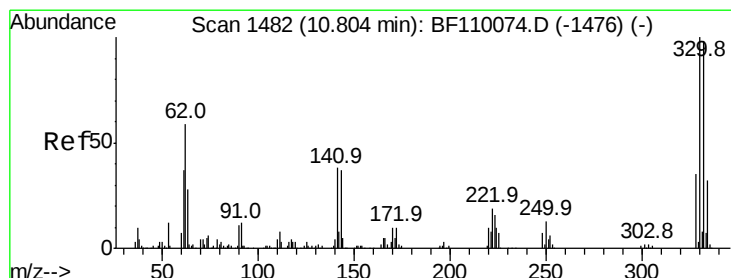
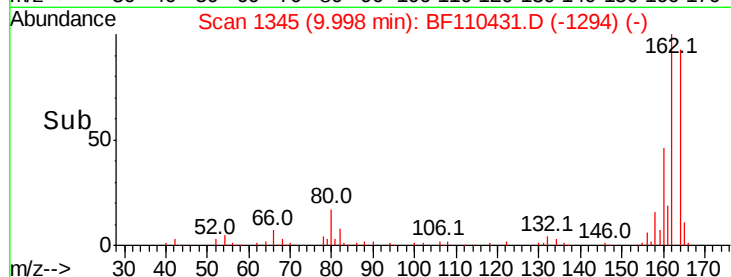
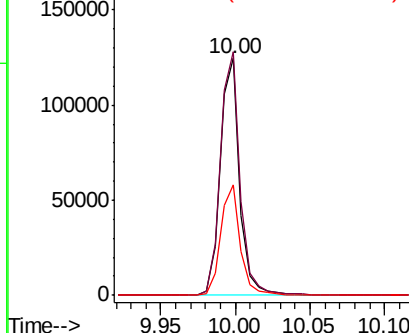
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.0	124.6
160	46.5	37.0	55.6

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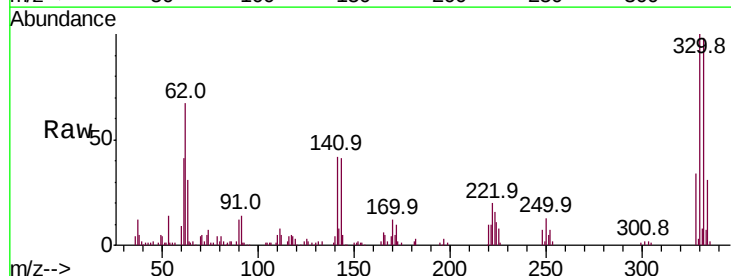


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

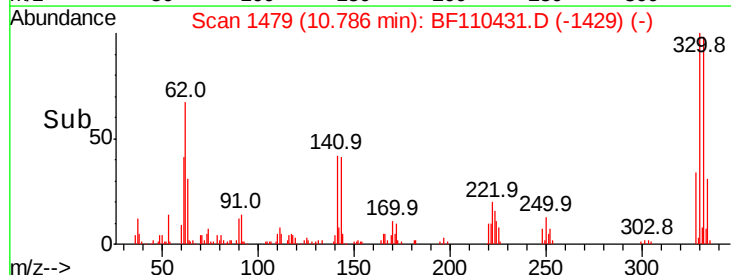
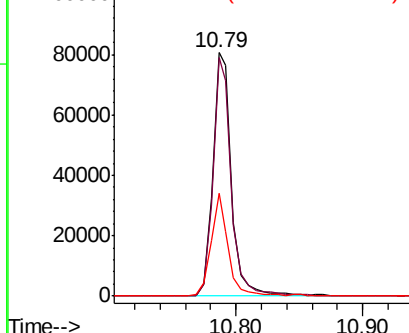


#42
2,4,6-Tribromophenol
Concen: 74.526 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110431.D
Acq: 3 Nov 2018 00:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	38.1	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: 71.270 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110431.D

Acq: 3 Nov 2018 00:09

Instrument :

BNA_F

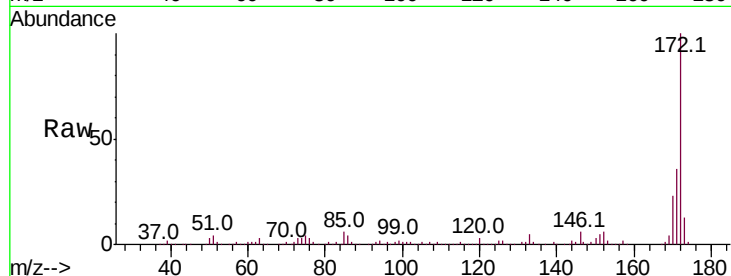
ClientSampleId :

FLOOD-AREA-1

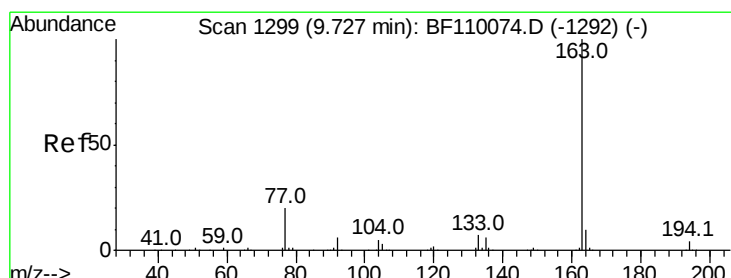
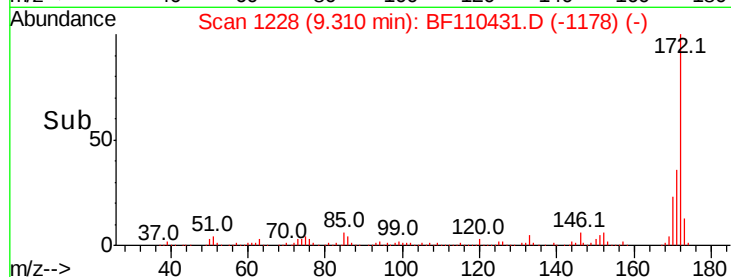
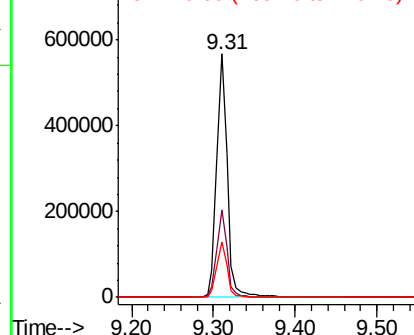
Tot Ion:	172	Resp:	515146
Ion Ratio	Lower	Upper	
172	100		
171	35.9	28.6	43.0
170	22.9	19.7	29.5

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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



#50

Dimethylphthalate

Concen: 8.616 ng

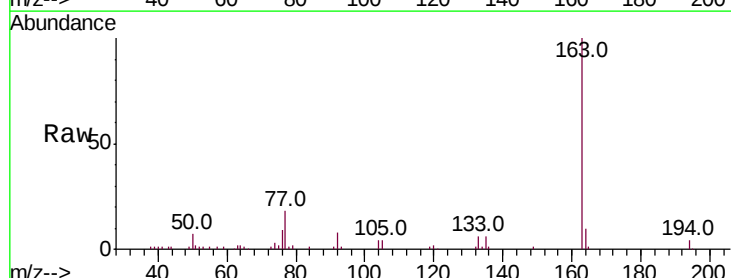
RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

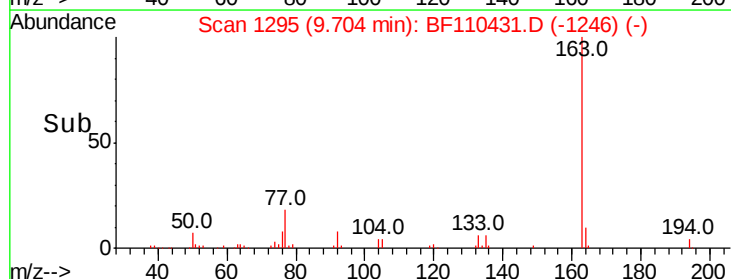
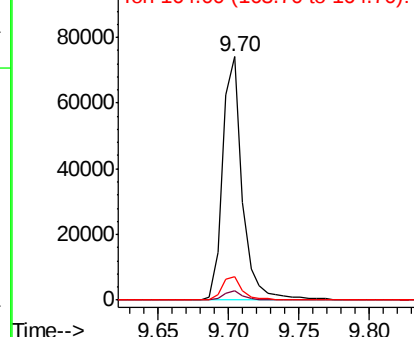
Lab File: BF110431.D

Acq: 3 Nov 2018 00:09

Tgt Ion:	163	Resp:	72189
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.2	4.8
164	9.6	8.1	12.1



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





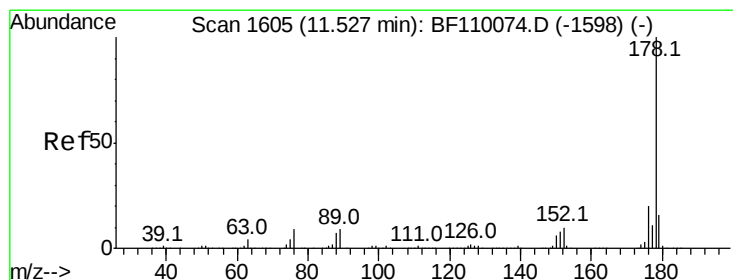
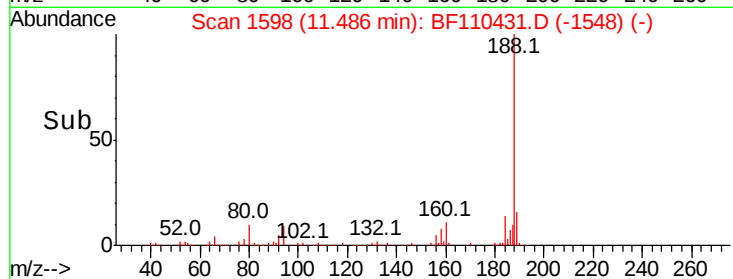
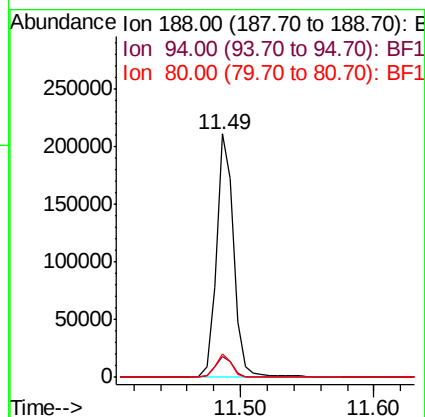
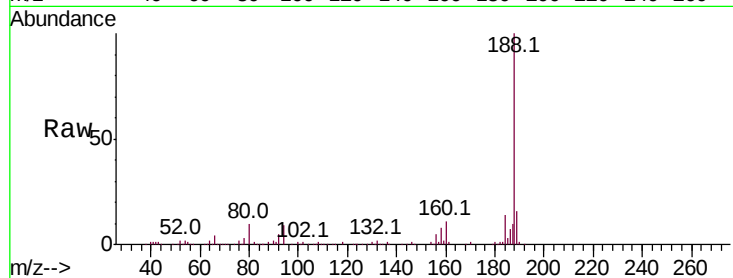
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110431.D
Acq: 3 Nov 2018 00:09

Instrument :
BNA_F
ClientSampleId :
FLOOD-AREA-1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.8	7.9	11.9

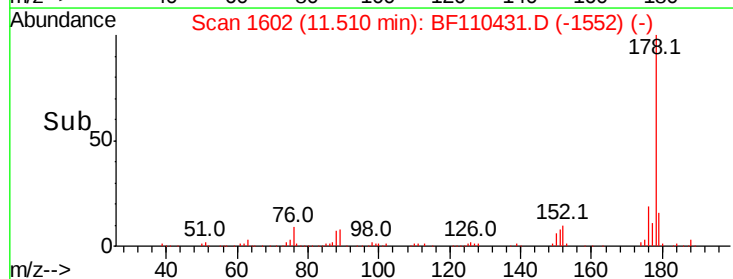
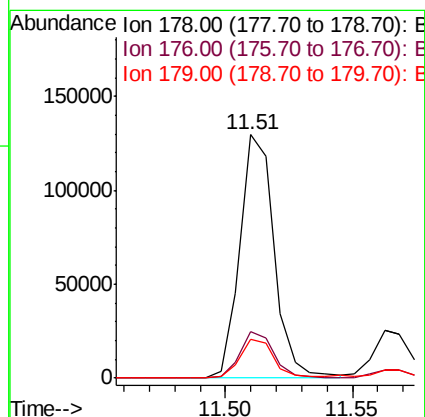
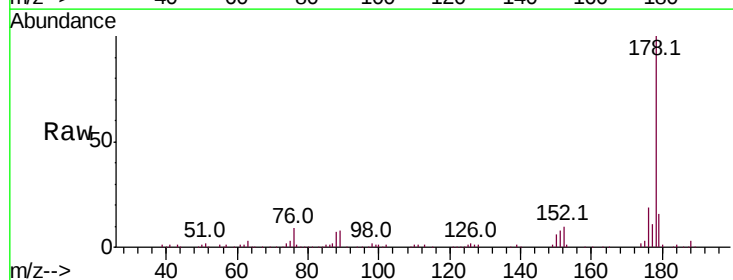
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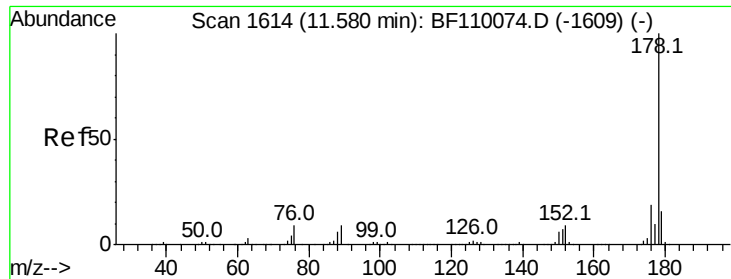
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#71
Phenanthrene
Concen: 12.216 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110431.D
Acq: 3 Nov 2018 00:09

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.3	15.5	23.3
179	16.1	12.5	18.7





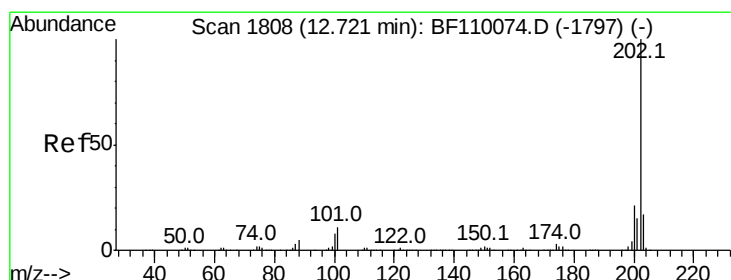
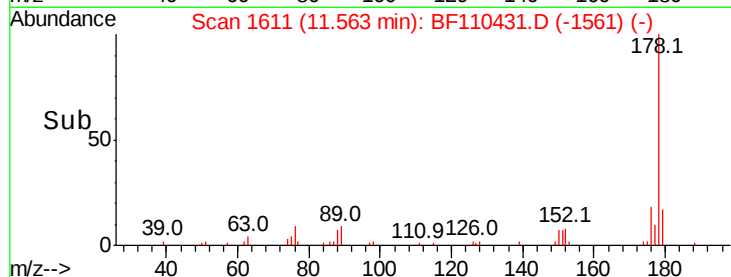
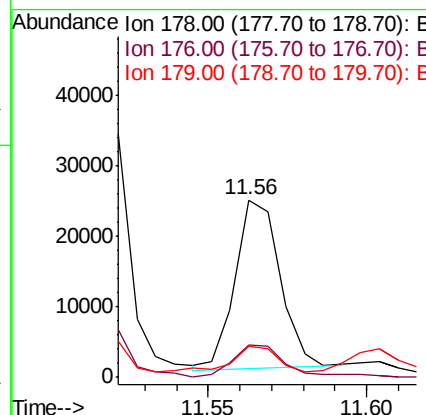
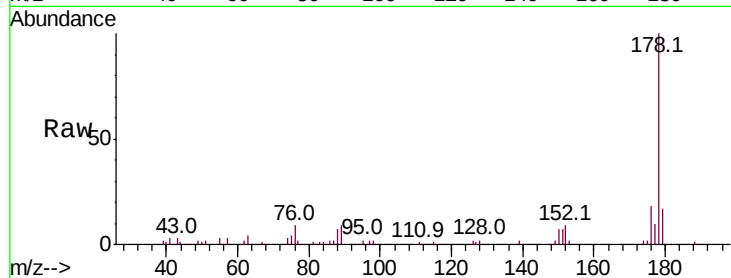
#72
 Anthracene
 Concen: 2.346 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF110431.D
 Acq: 3 Nov 2018 00:09

Instrument :
 BNA_F
 ClientSampleId :
 FLOOD-AREA-1

Tot Ion:178 Resp: 23527
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 17.4 12.6 18.8

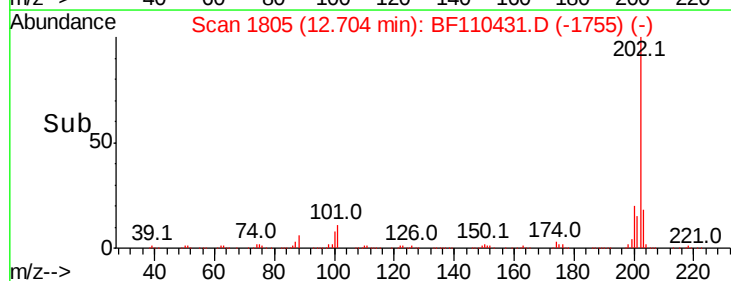
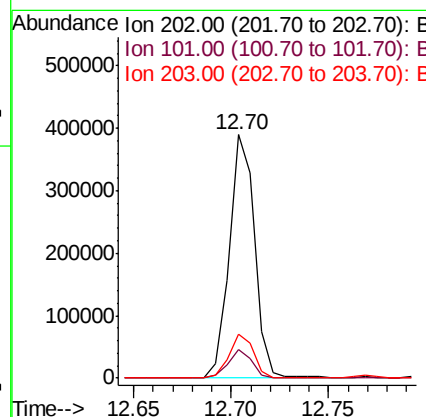
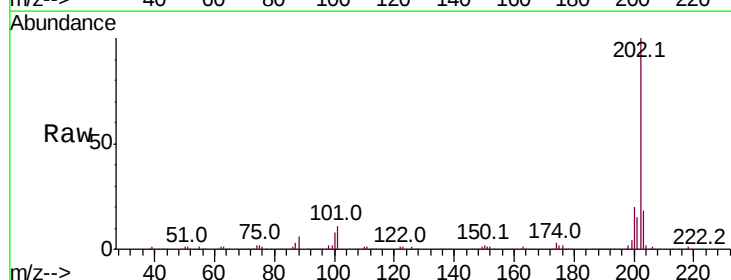
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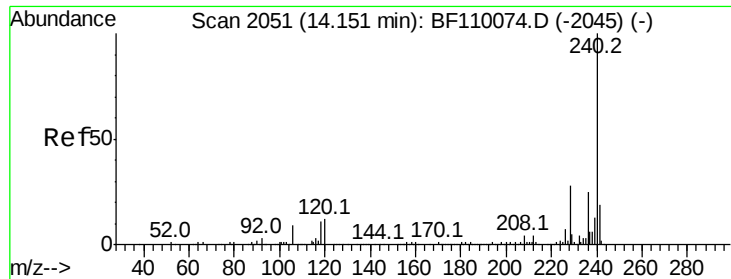
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#75
 Fluoranthene
 Concen: 34.485 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BF110431.D
 Acq: 3 Nov 2018 00:09

Tgt Ion:202 Resp: 350227
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 31.4
 203 18.0 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: BF110431.D

Acq: 3 Nov 2018 00:09

Instrument :

BNA_F

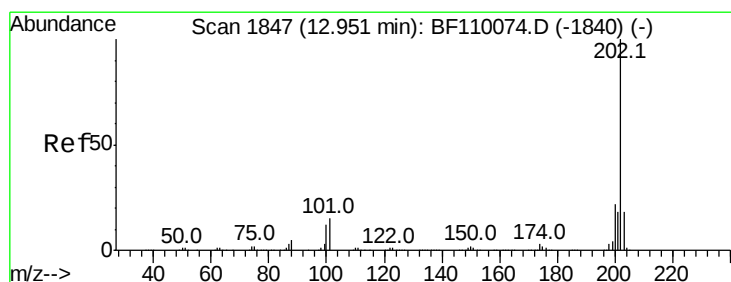
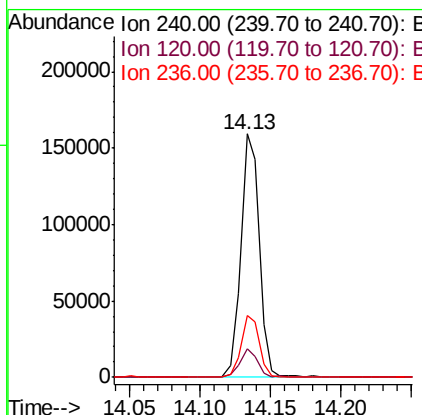
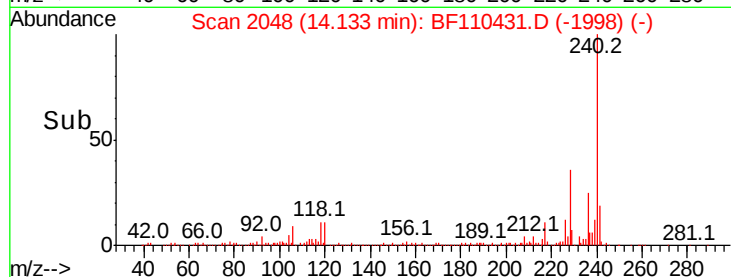
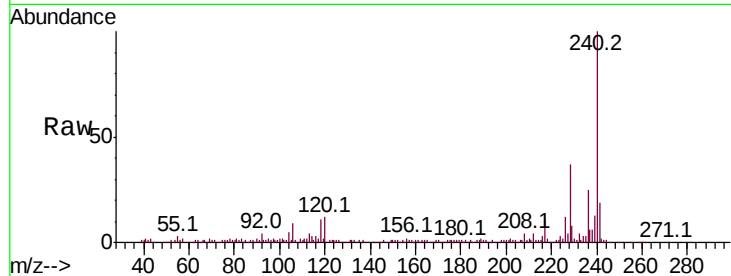
ClientSampleId :

FLOOD-AREA-1

Tot Ion:	240	Resp:	144693
Ion Ratio	Lower	Upper	
240	100		
120	11.6	8.3	12.5
236	25.4	21.2	31.8

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#78

Pyrene

Concen: 30.372 ng

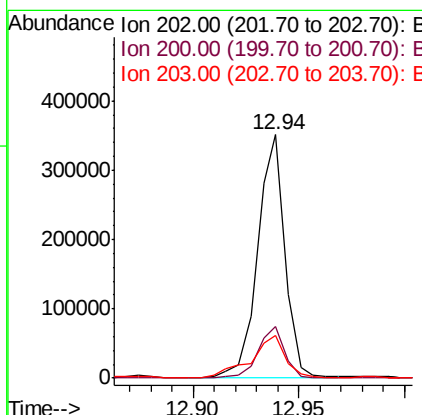
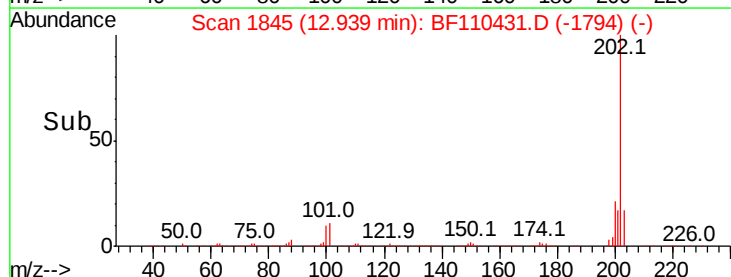
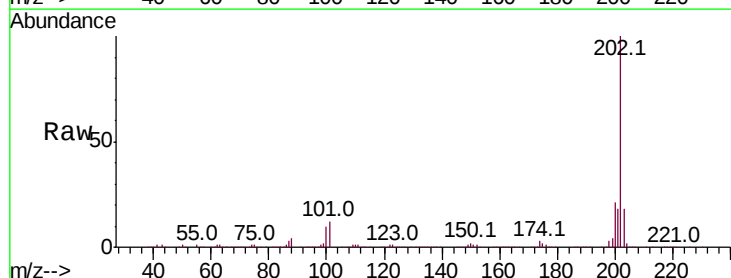
RT: 12.94 min Scan# 1845

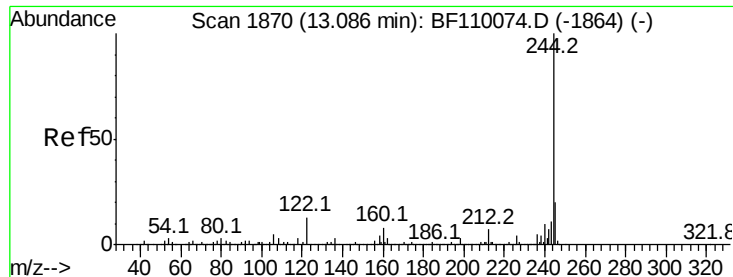
Delta R.T. 0.00 min

Lab File: BF110431.D

Acq: 3 Nov 2018 00:09

Tgt Ion:	202	Resp:	315058
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.8	26.6
203	17.7	14.2	21.4





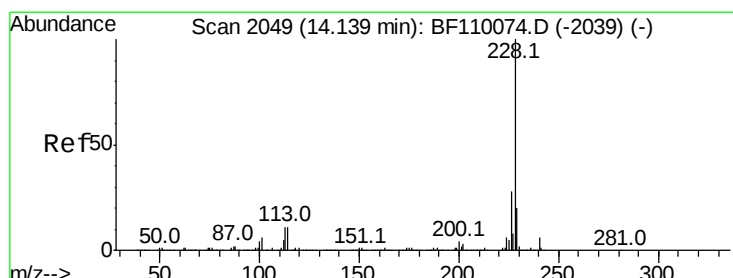
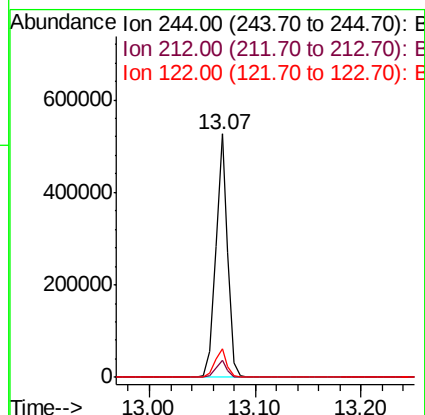
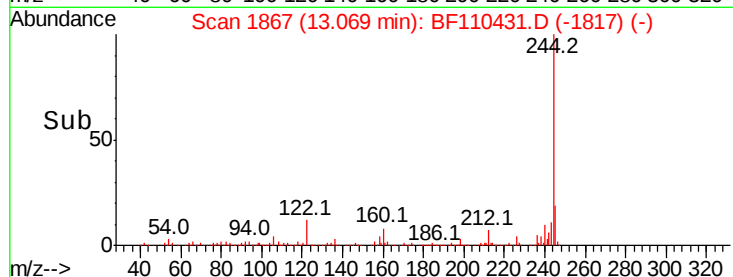
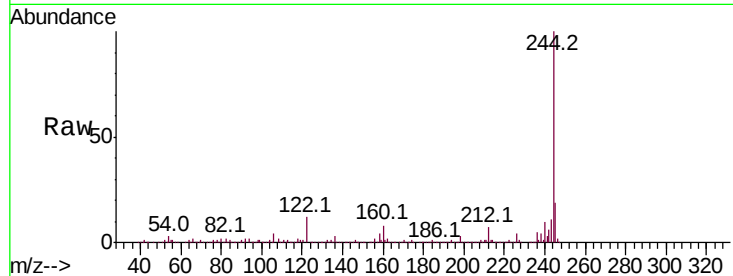
#79
 Terphenyl-d14
 Concen: 60.098 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110431.D
 Acq: 3 Nov 2018 00:09

Instrument :
 BNA_F
 ClientSampleId :
 FLOOD-AREA-1

Tot Ion:	244	Resp:	418125
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.8	8.8
122	11.7	8.7	13.1

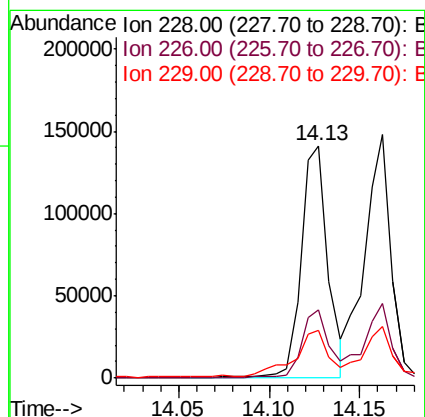
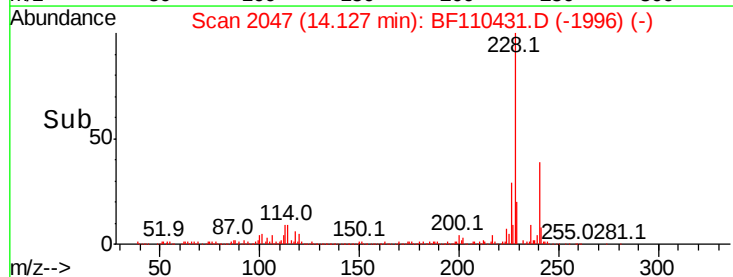
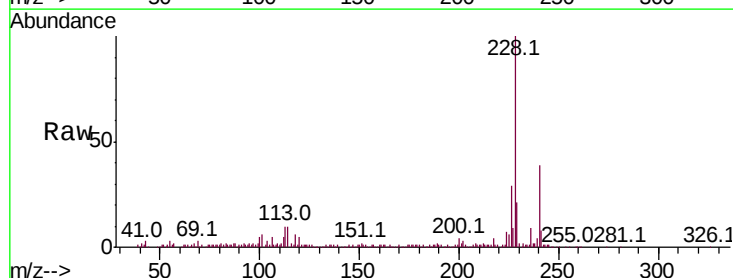
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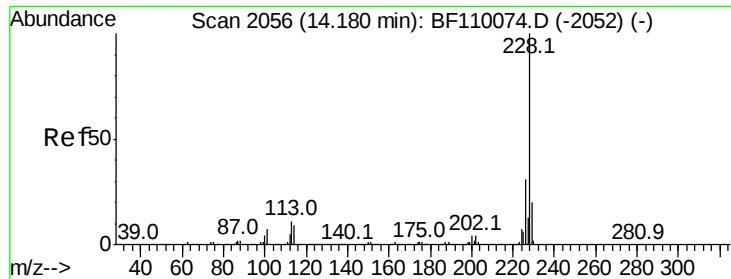
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#81
 Benzo(a)anthracene
 Concen: 16.859 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: BF110431.D
 Acq: 3 Nov 2018 00:09

Tgt Ion:	228	Resp:	144658
Ion Ratio	Lower	Upper	
228	100		
226	29.3	22.1	33.1
229	20.6	15.6	23.4





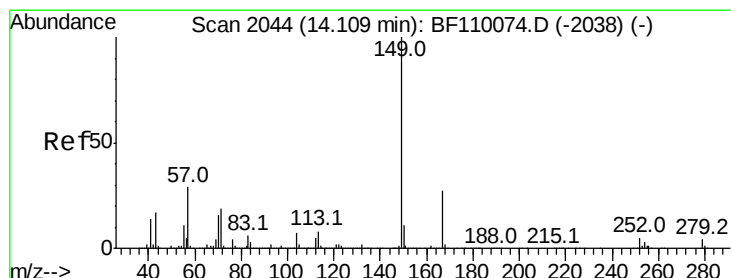
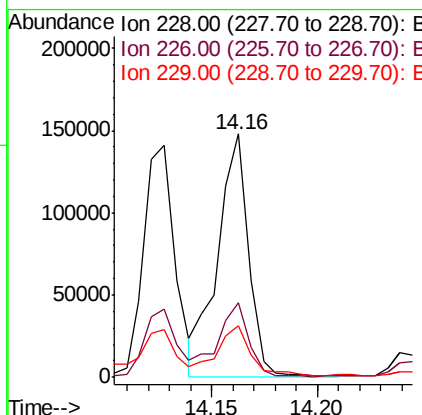
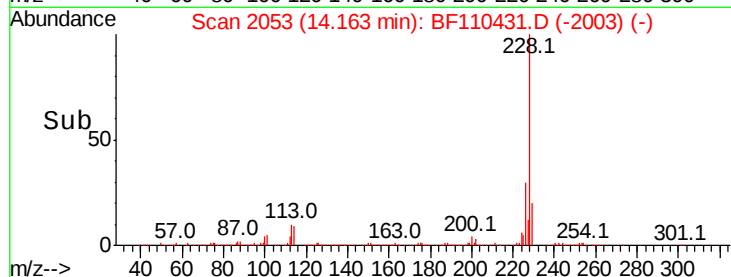
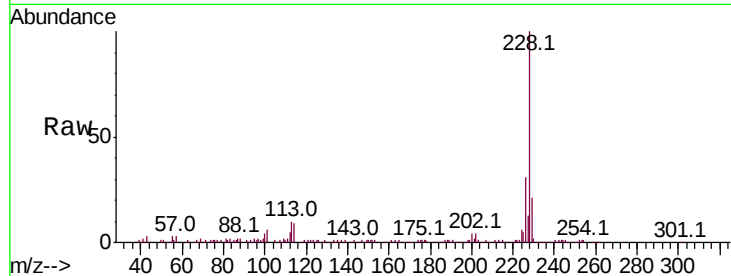
#83
 Chrysene
 Concen: 18.344 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF110431.D
 Acq: 3 Nov 2018 00:09

Instrument :
 BNA_F
 ClientSampled :
 FLOOD-AREA-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	21.4	15.9	23.9

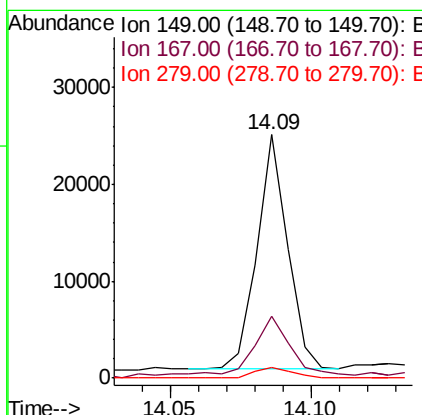
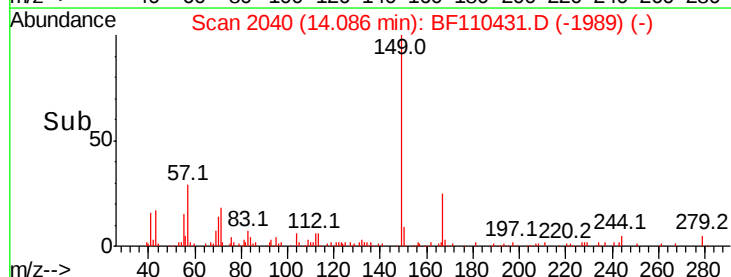
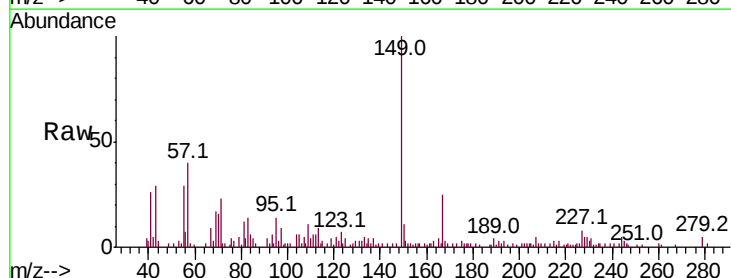
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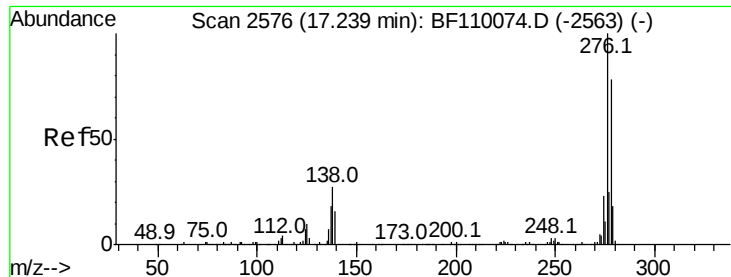
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.995 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF110431.D
 Acq: 3 Nov 2018 00:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.3	19.8	29.8
279	4.6	2.7	4.1#





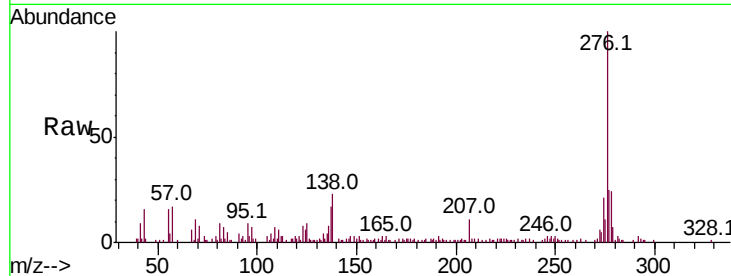
#86
Indeno(1,2,3-cd)pyrene
Concen: 9.472 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF110431.D
Acq: 3 Nov 2018 00:09

Instrument :
BNA_F
ClientSampleId :
FLOOD-AREA-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	18.5	27.7
277	24.0	20.0	30.0

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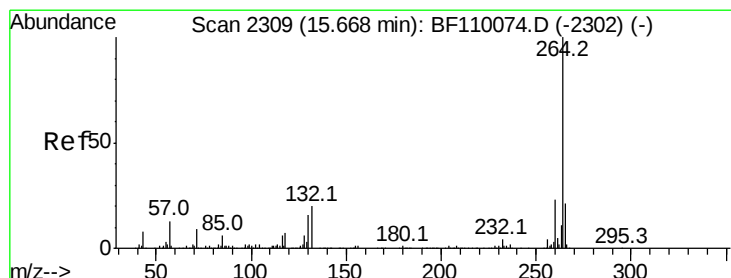
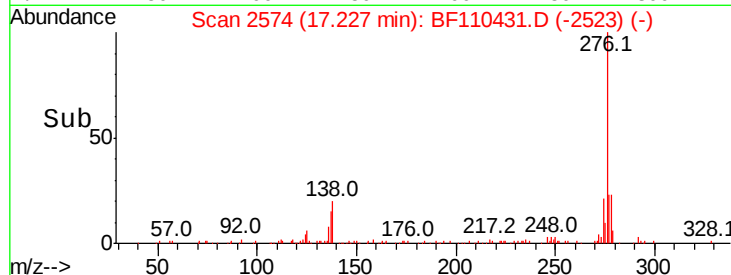
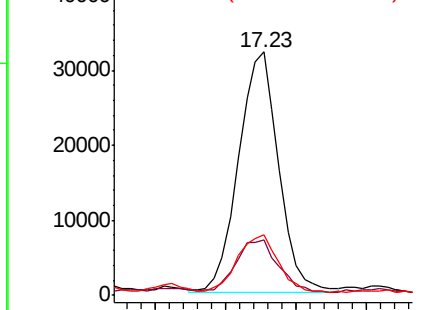


Abundance

Ion 276.00 (275.70 to 276.70): E

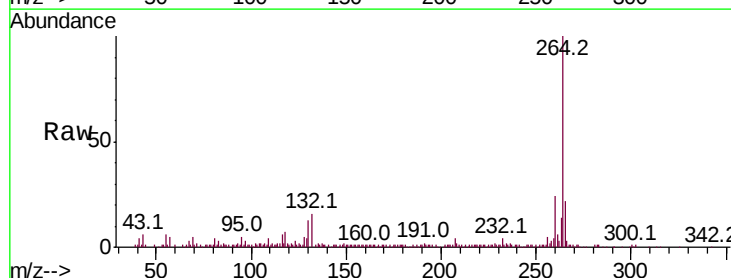
Ion 138.00 (137.70 to 138.70): E

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: BF110431.D
Acq: 3 Nov 2018 00:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	21.8	16.7	25.1

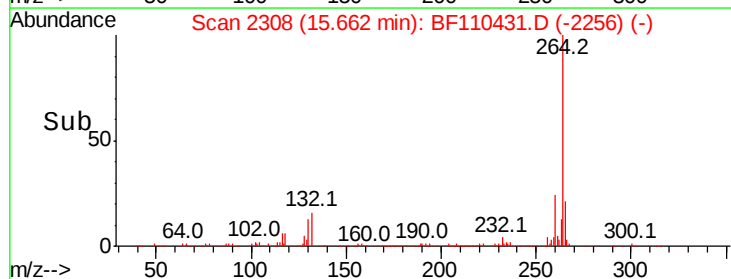
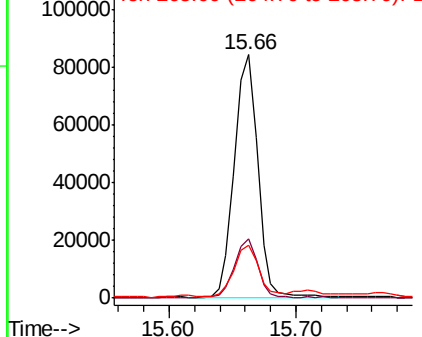


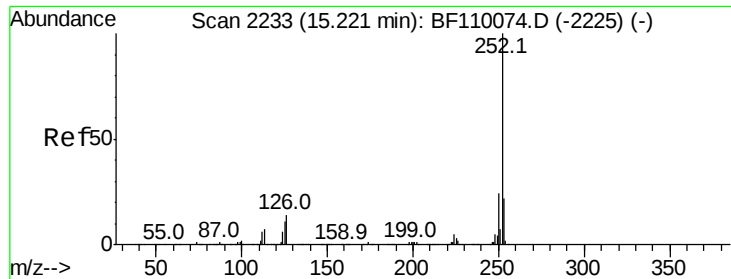
Abundance

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





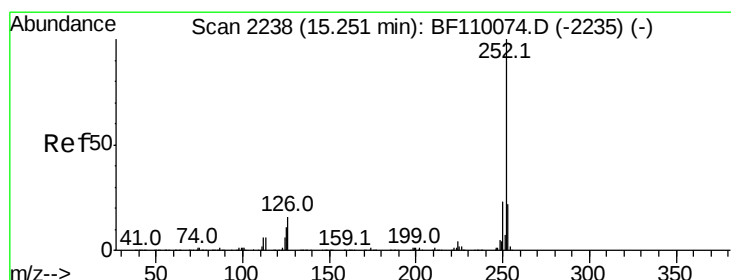
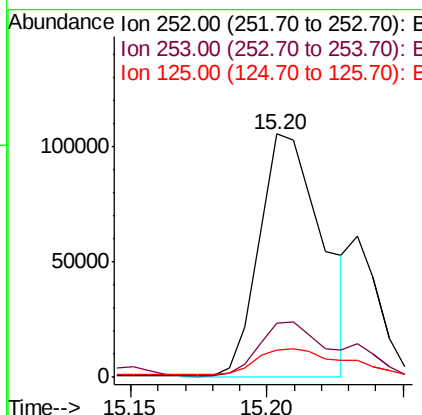
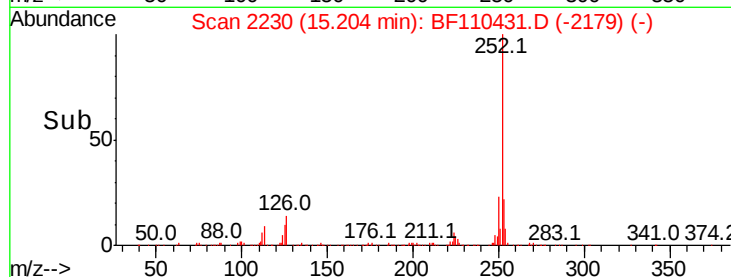
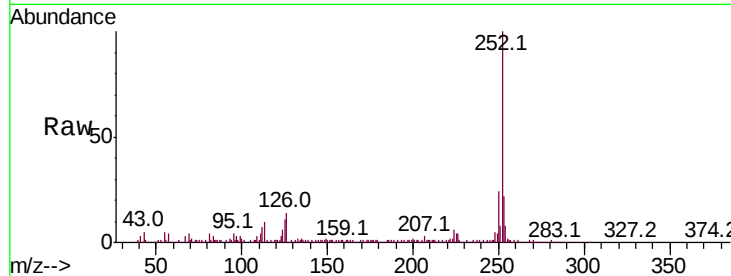
#88
Benzo(b)fluoranthene
Concen: 27.270 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110431.D
Acq: 3 Nov 2018 00:09

Instrument :
BNA_F
ClientSampleId :
FLOOD-AREA-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.3	8.2	12.4

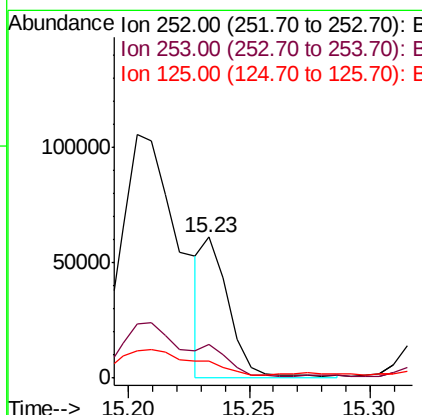
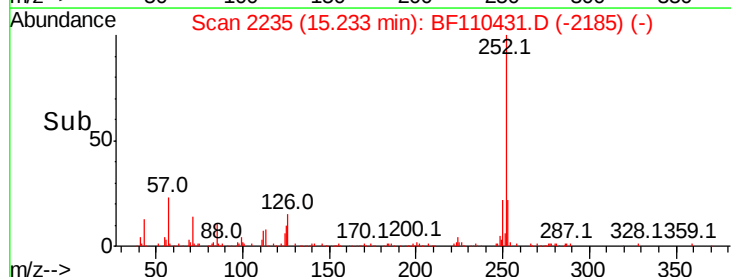
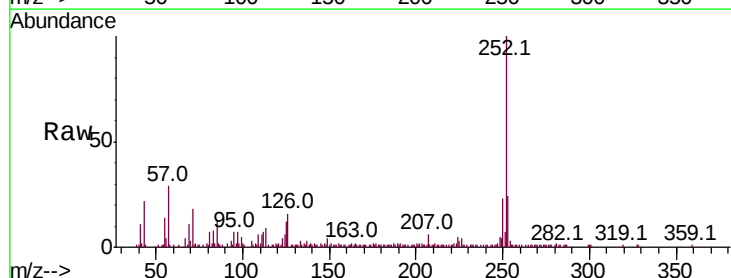
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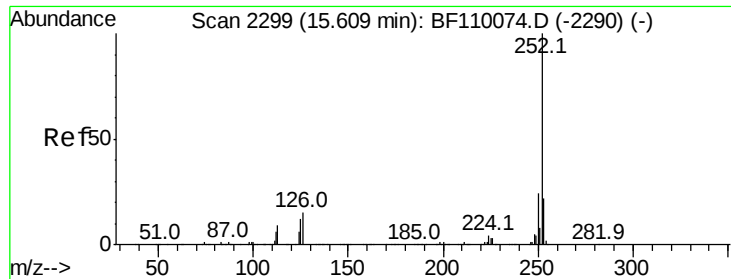
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#89
Benzo(k)fluoranthene
Concen: 7.575 ng m
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110431.D
Acq: 3 Nov 2018 00:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	11.9	7.4	11.0#





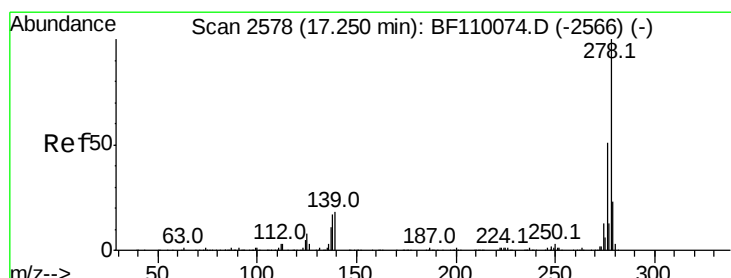
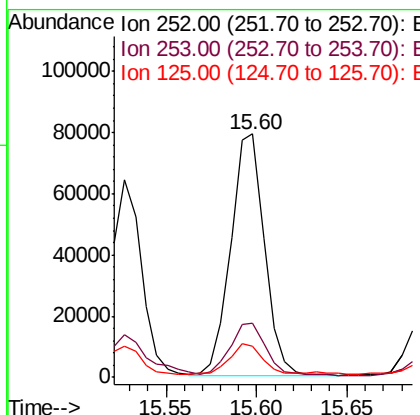
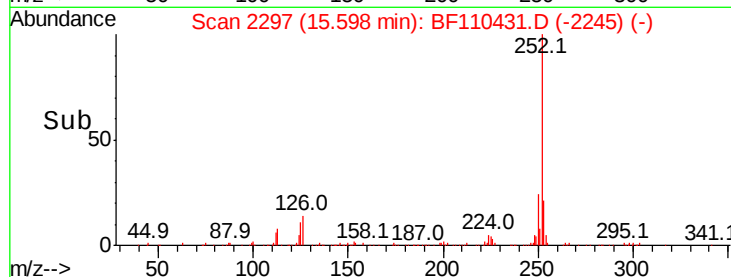
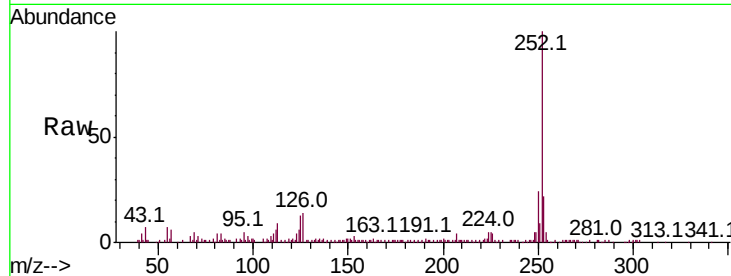
#90
Benzo(a)pyrene
Concen: 17.657 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110431.D
Acq: 3 Nov 2018 00:09

Instrument :
BNA_F
ClientSampled :
FLOOD-AREA-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	12.6	9.0	13.6

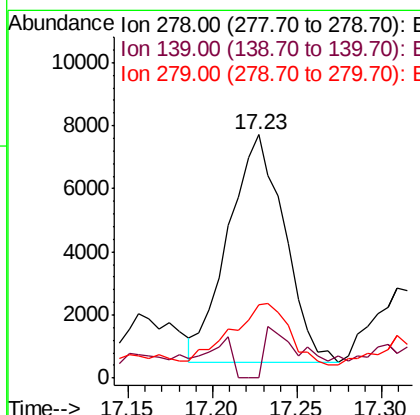
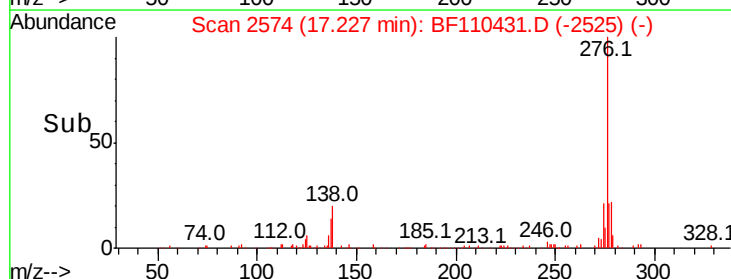
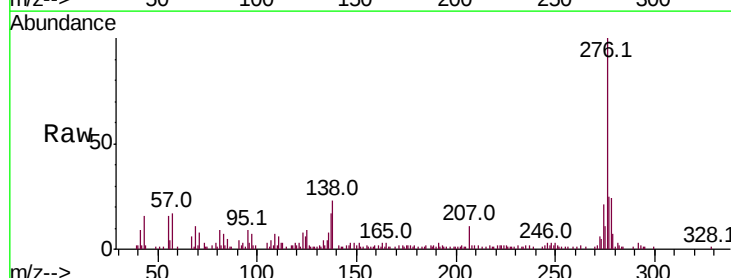
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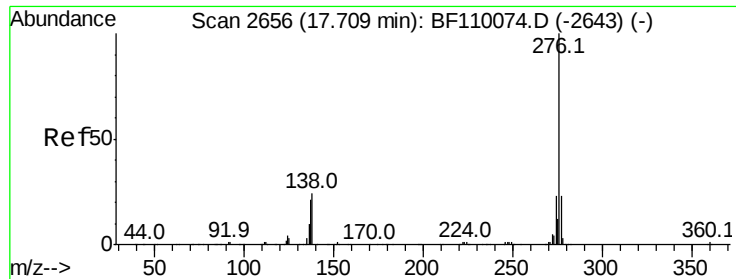
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#91
Dibenzo(a,h)anthracene
Concen: 3.313 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF110431.D
Acq: 3 Nov 2018 00:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	30.2	19.0	28.4#





#92
 Benzo(a,h,i)perylene
 Concen: 12.303 ng
 RT: 17.70 min Scan# 2655
 Delta R.T. 0.00 min
 Lab File: BF110431.D
 Acq: 3 Nov 2018 00:09

Instrument :
 BNA_F
 ClientSampleId :
 FLOOD-AREA-1

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	25.0	16.0	24.0

Manual Integrations
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