

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110432.D
 Acq On : 3 Nov 2018 00:37
 Operator : JU/SJ
 Sample : J5769-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FLOOD-AREA-2

Manual Integrations
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Sohil
 11/5/2018 10:32:53 AM

Quant Time: Nov 03 03:22:59 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	77428	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	284214	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	109249	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	188939	20.00	ng	0.00
76) Chrysene-d12	14.14	240	133711	20.00	ng	0.00
87) Perylene-d12	15.66	264	99347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	476028	100.12	ng	0.00
7) Phenol-d6	6.58	99	588748	96.81	ng	0.00
23) Nitrobenzene-d5	7.52	82	342405	71.46	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	101367	93.67	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	602293	86.57	ng	0.00
79) Terphenyl-d14	13.07	244	492105	76.54	ng	0.00
Target Compounds						
10) Phenol	6.59	94	38311	5.893	ng	71
50) Dimethylphthalate	9.70	163	91590	11.357	ng	99
71) Phenanthrene	11.51	178	120036	12.142	ng	97
72) Anthracene	11.57	178	34353	3.467	ng	97
75) Fluoranthene	12.71	202	444463	44.299	ng	98
78) Pyrene	12.94	202	396724	41.386	ng	99
81) Benzo(a)anthracene	14.13	228	215633	27.194	ng	98
83) Chrysene	14.16	228	232296	30.844	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	89254	14.285	ng	99
88) Benzo(b)fluoranthene	15.21	252	272461m	47.492	ng	
89) Benzo(k)fluoranthene	15.23	252	79801m	14.149	ng	
90) Benzo(a)pyrene	15.60	252	154275	29.225	ng	99
91) Dibenzo(a,h)anthracene	17.23	278	25054m	5.500	ng	
92) Benzo(a,h,i)perylene	17.71	276	83844	18.680	ng	99

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

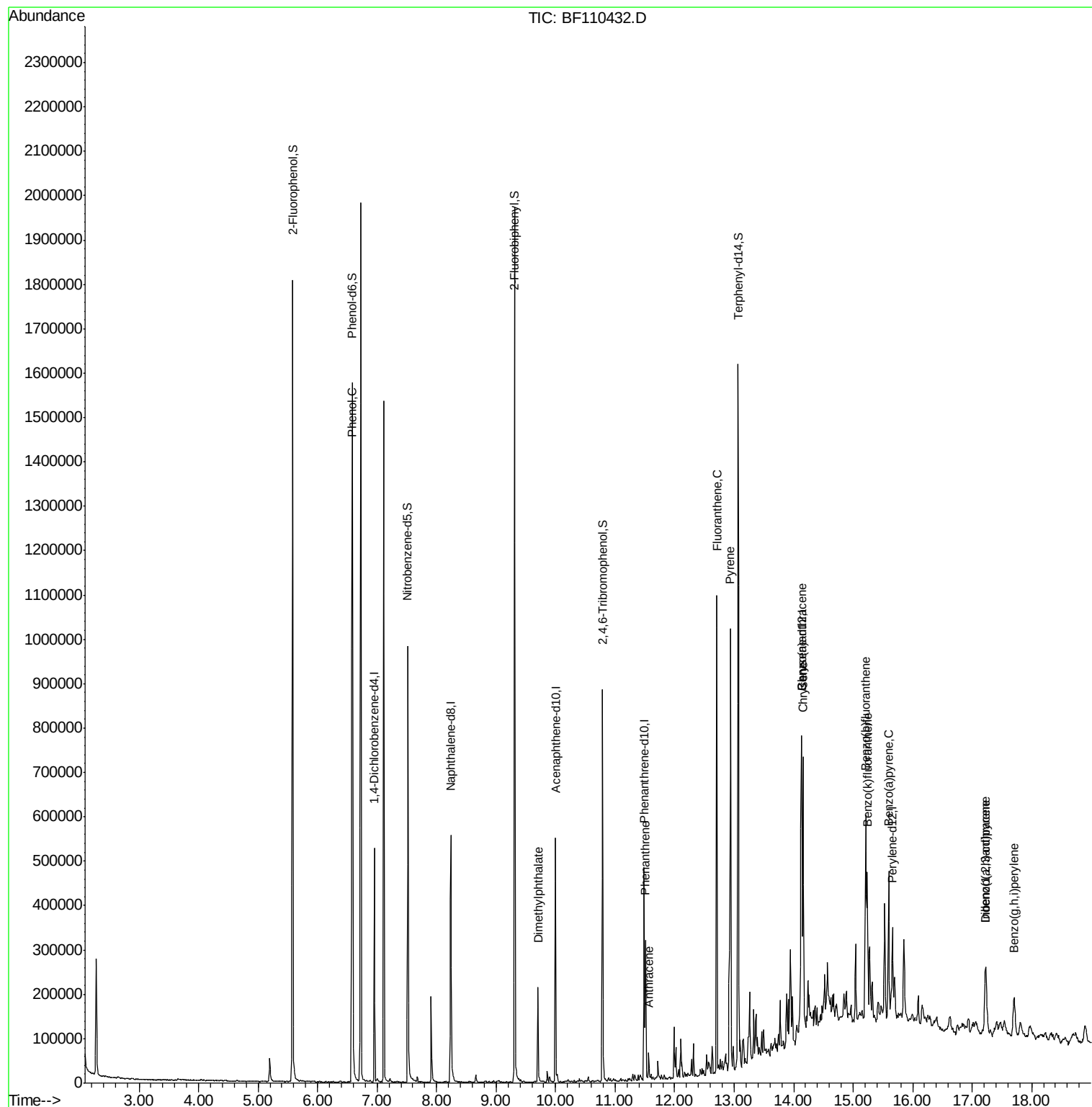
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110432.D
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ALS Vial : 21 Sample Multiplier: 1

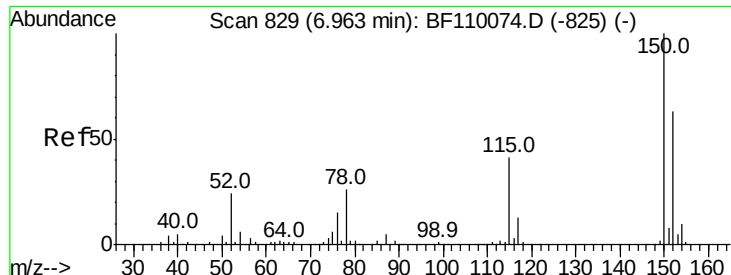
Instrument :
BNA_F
ClientSampleId :
FLOOD-AREA-2

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Quant Time: Nov 03 03:22:59 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

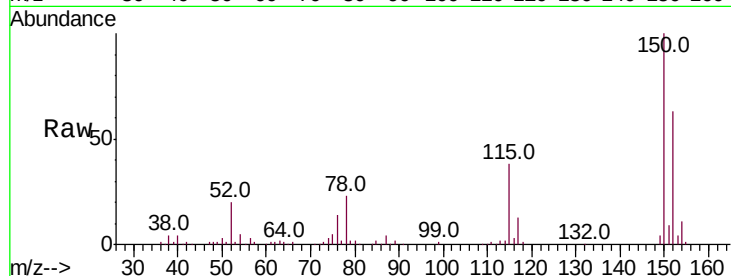
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF110432.D
Acq: 3 Nov 2018 00:37

Instrument :
BNA_F
ClientSampleId :
FLOOD-AREA-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	122.7	184.1
115	60.4	49.1	73.7

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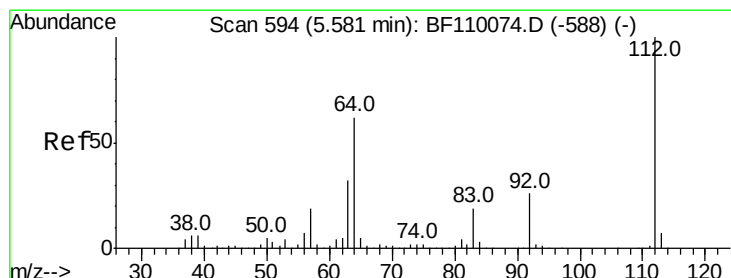
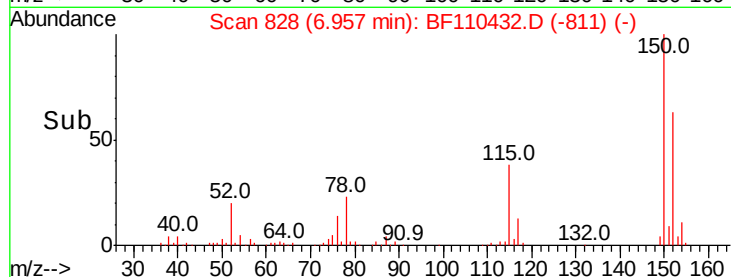
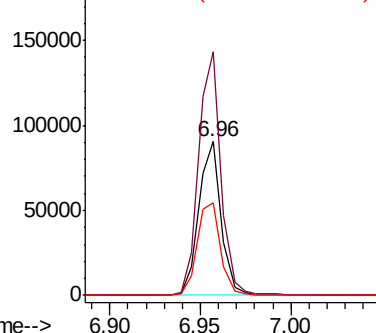


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

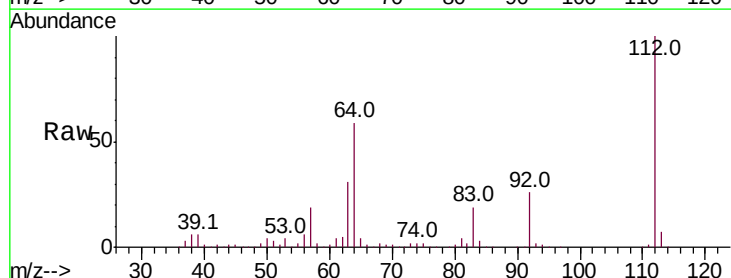
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.117 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110432.D
Acq: 3 Nov 2018 00:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	44.1	66.1
63	31.4	23.7	35.5

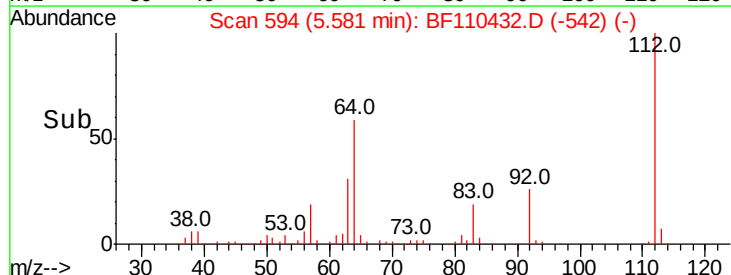
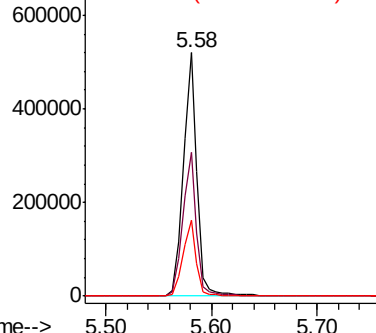


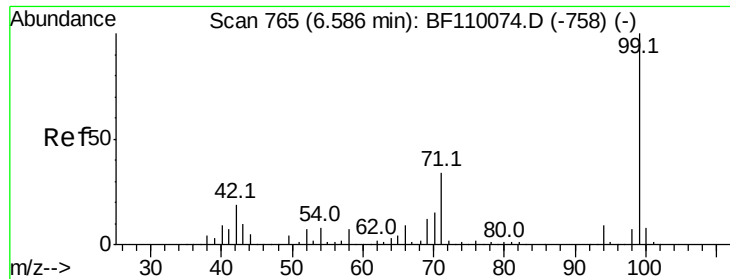
Abundance

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: 96.808 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF110432.D

Acq: 3 Nov 2018 00:37

Instrument :

BNA_F

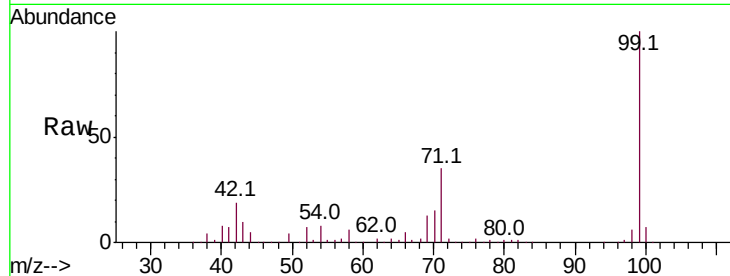
ClientSampleId :

FLOOD-AREA-2

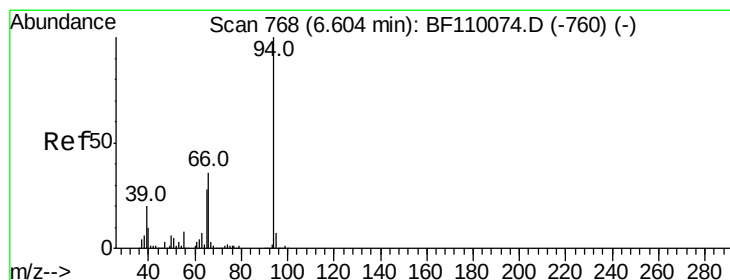
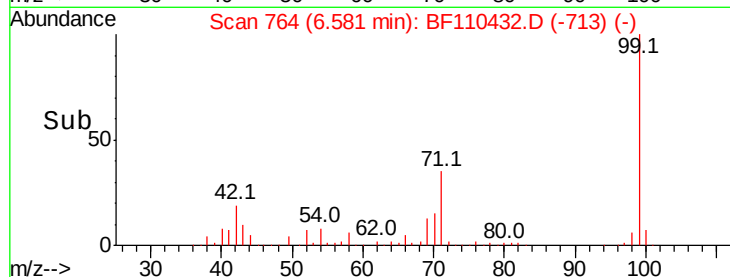
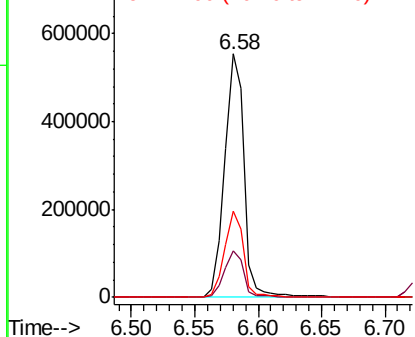
Tot Ion:	99	Resp:	588748
Ion Ratio	Lower	Upper	
99	100		
42	19.3	15.8	23.6
71	35.2	28.0	42.0

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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: 5.893 ng

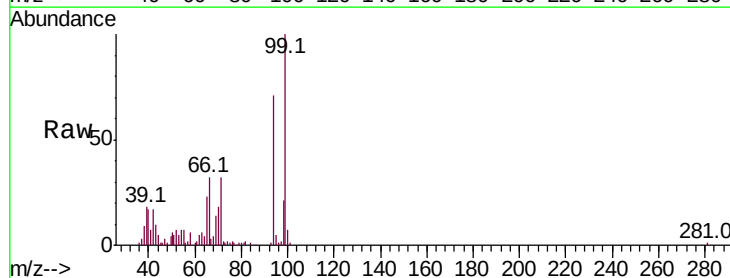
RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

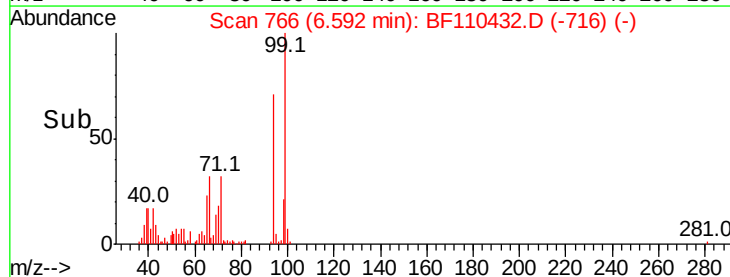
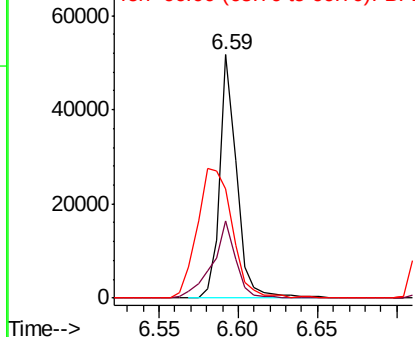
Lab File: BF110432.D

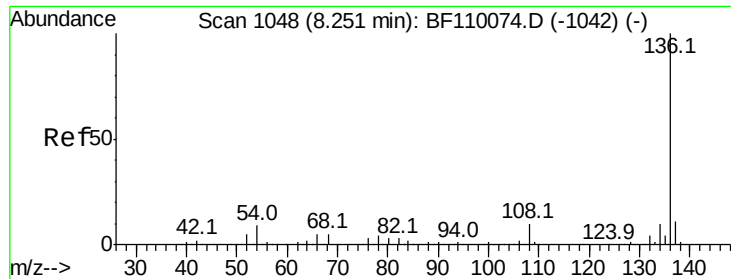
Acq: 3 Nov 2018 00:37

Tgt Ion:	94	Resp:	38311
Ion Ratio	Lower	Upper	
94	100		
65	31.9	25.3	65.3
66	45.0	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





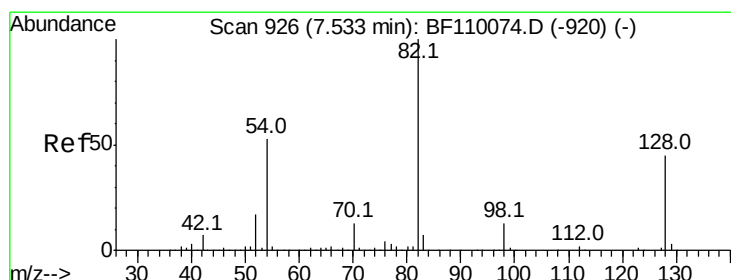
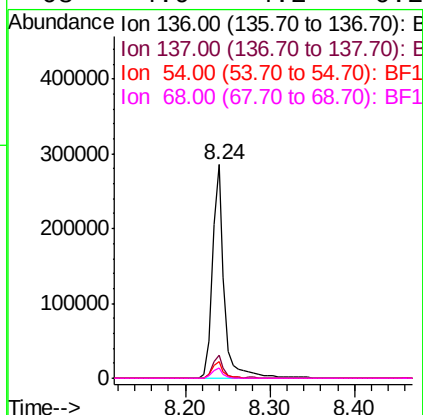
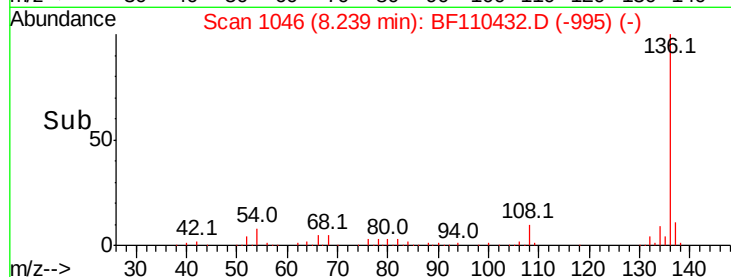
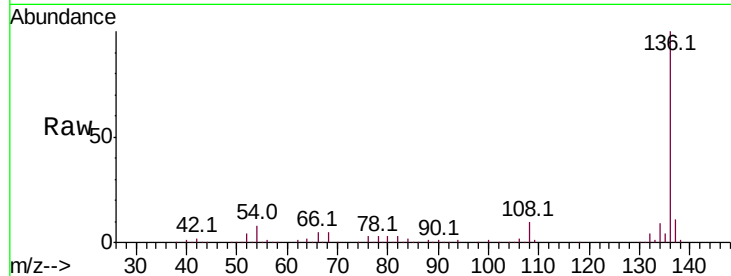
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF110432.D
Acq: 3 Nov 2018 00:37

Instrument :
BNA_F
ClientSampleId :
FLOOD-AREA-2

Tot Ion	Ratio	Resp	Lower	Upper
136	100	284214		
137	10.7		8.8	13.2
54	7.8		5.4	8.2
68	4.9		4.2	6.2

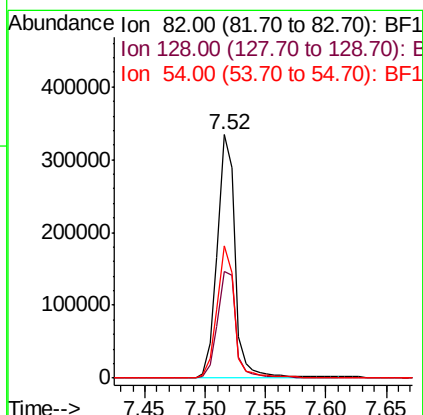
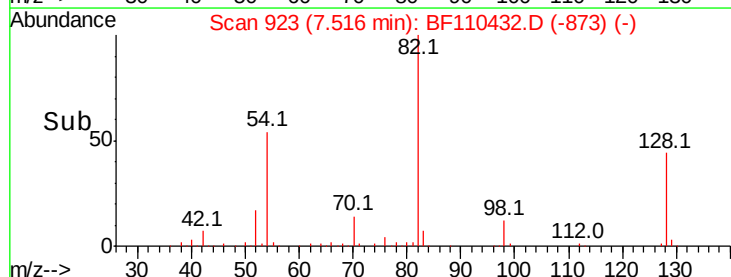
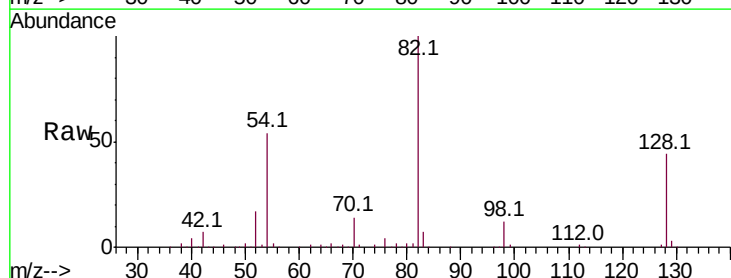
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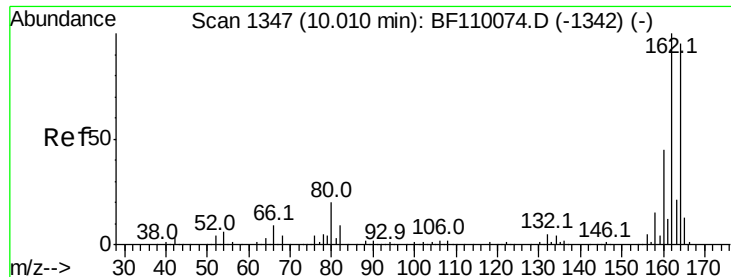
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#23
Nitrobenzene-d5
Concen: 71.457 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110432.D
Acq: 3 Nov 2018 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	342405		
128	43.8		34.2	51.2
54	54.4		38.6	58.0





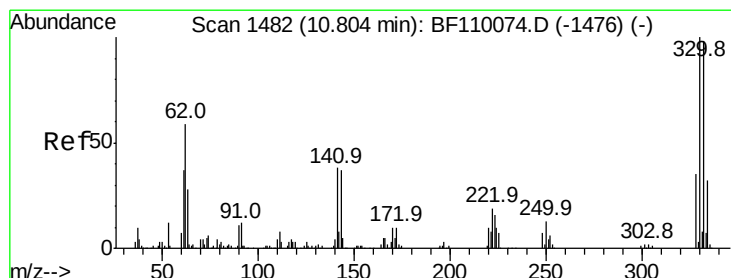
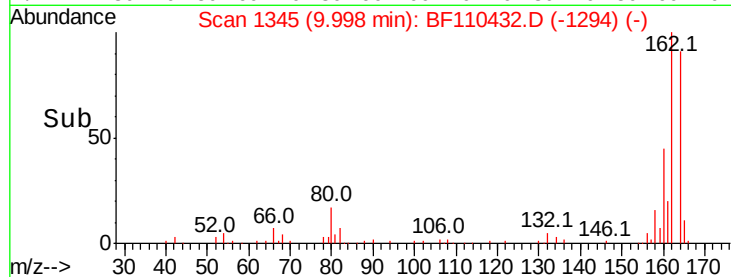
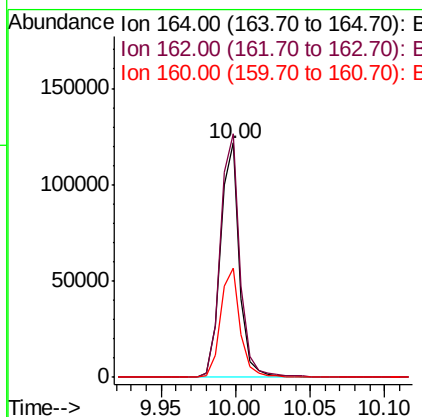
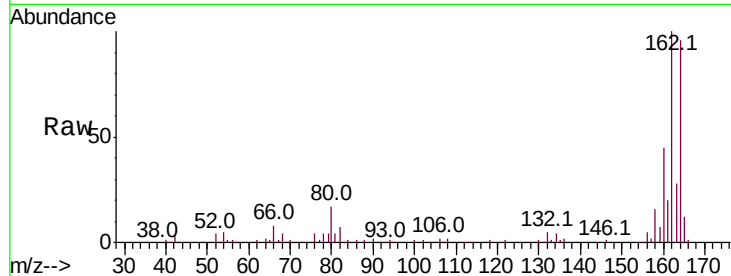
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF110432.D
Acq: 3 Nov 2018 00:37

Instrument :
BNA_F
ClientSampleId :
FLOOD-AREA-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.0	124.6
160	46.6	37.0	55.6

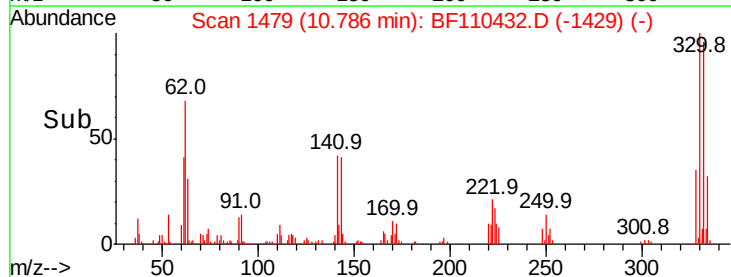
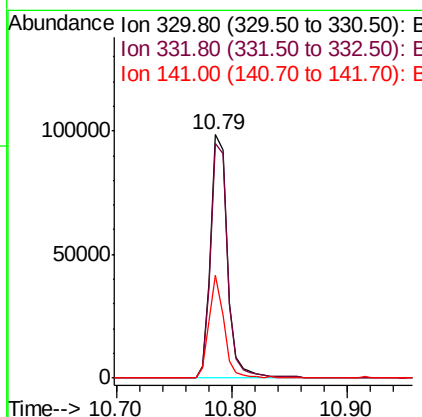
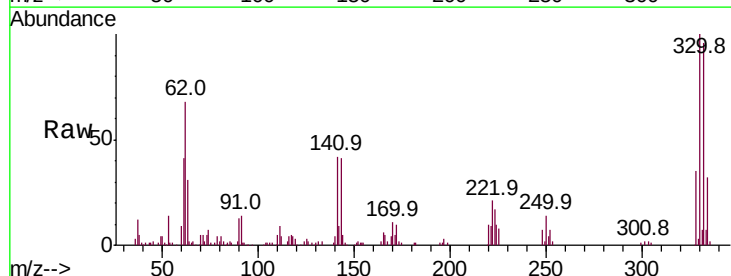
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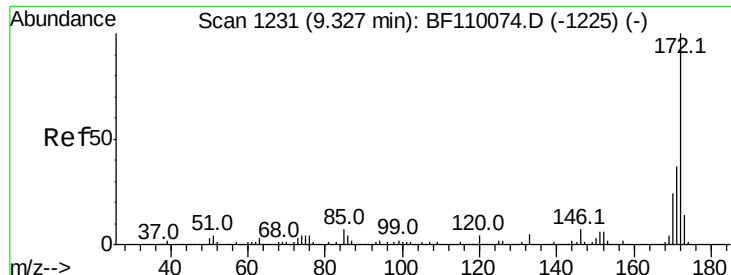
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#42
2,4,6-Tribromophenol
Concen: 93.669 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110432.D
Acq: 3 Nov 2018 00:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	37.8	27.0	40.4





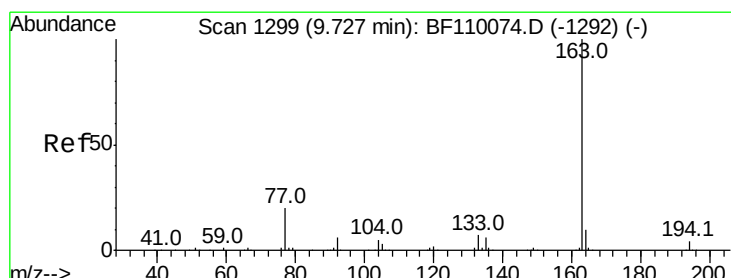
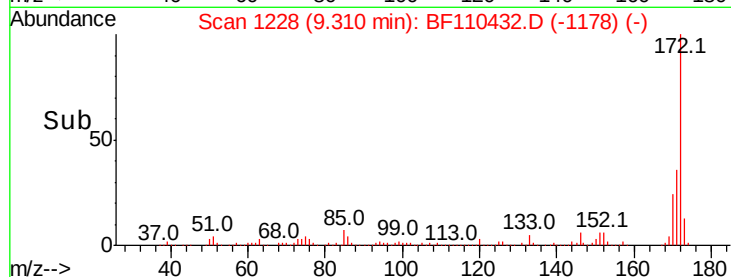
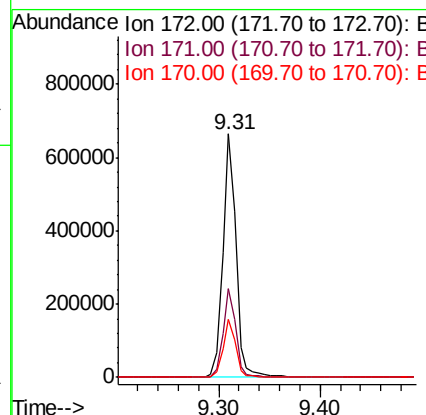
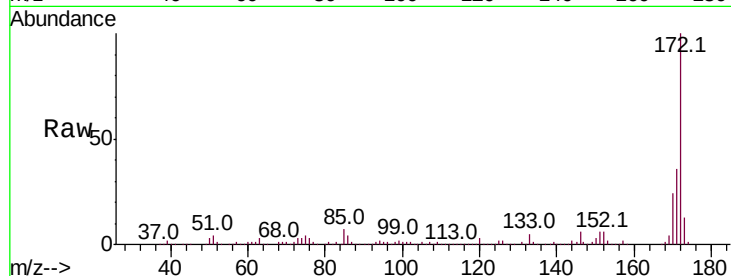
#45
2-Fluorobiphenyl
Concen: 86.569 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110432.D
Acq: 3 Nov 2018 00:37

Instrument :
BNA_F
ClientSampleId :
FLOOD-AREA-2

Tot Ion	Ratio	Resp	Lower	Upper
172	100	602293		
171	36.3		28.6	43.0
170	24.0		19.7	29.5

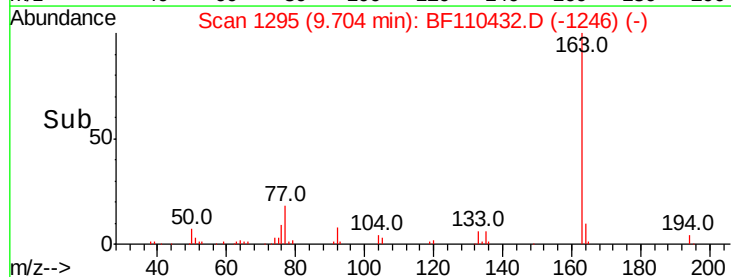
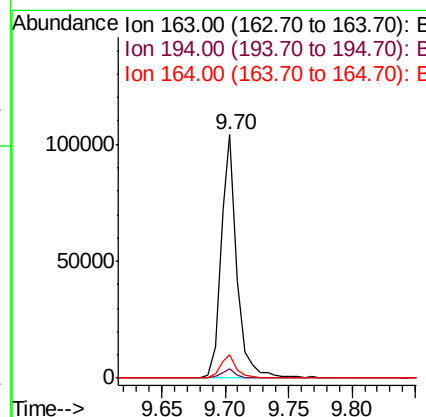
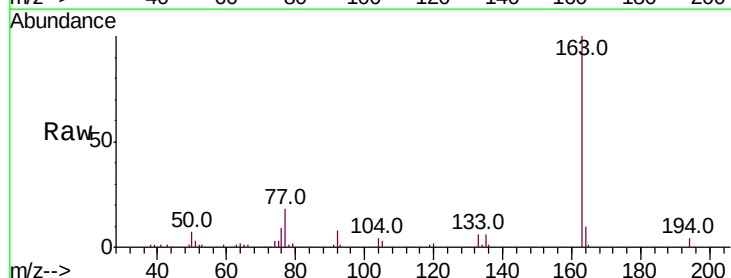
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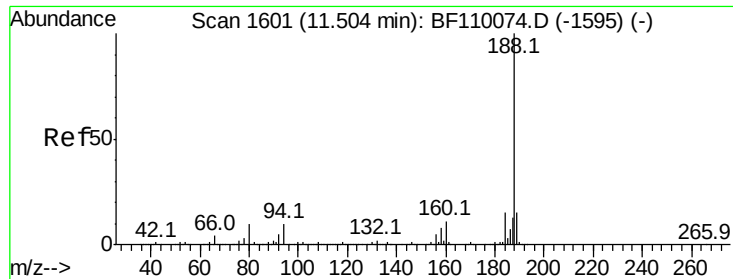
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#50
Dimethylphthalate
Concen: 11.357 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110432.D
Acq: 3 Nov 2018 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	91590		
194	3.6		3.2	4.8
164	9.7		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: BF110432.D

Acq: 3 Nov 2018 00:37

Instrument :

BNA_F

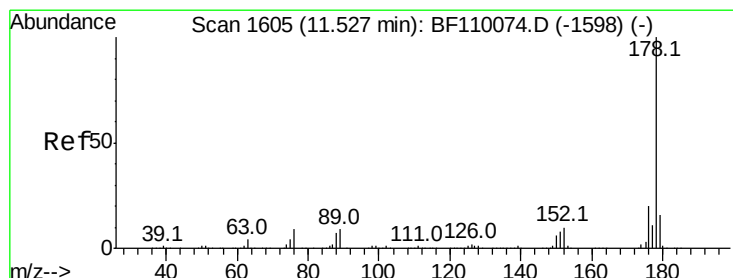
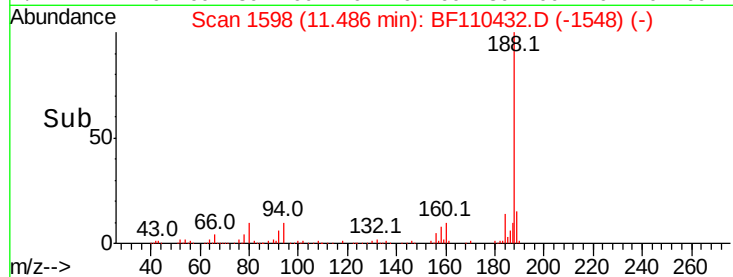
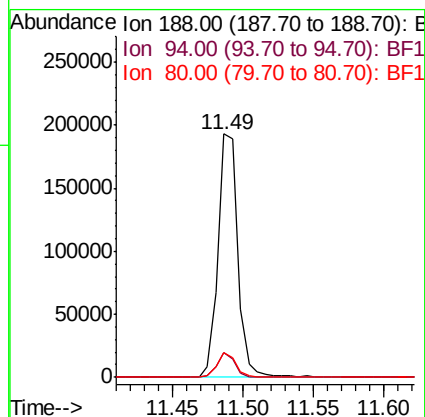
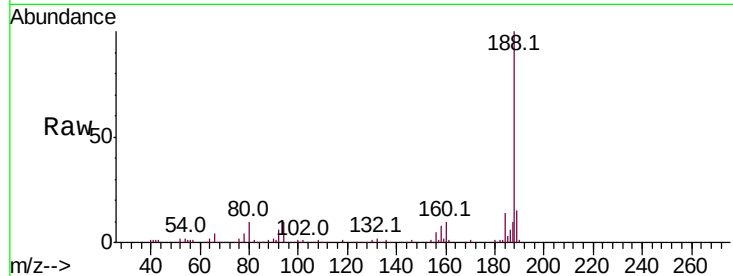
ClientSampleId :

FLOOD-AREA-2

Tot Ion:	188	Resp:	188939
Ion Ratio	Lower	Upper	
188	100		
94	10.2	7.2	10.8
80	10.2	7.9	11.9

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#71

Phenanthrene

Concen: 12.142 ng

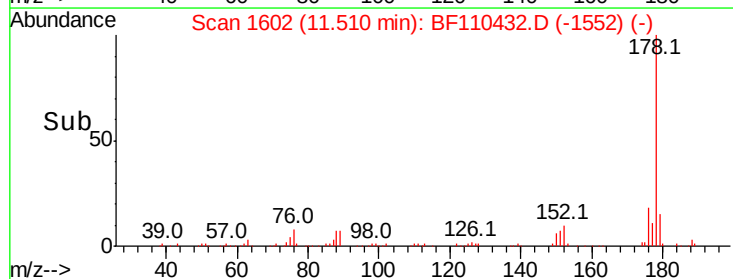
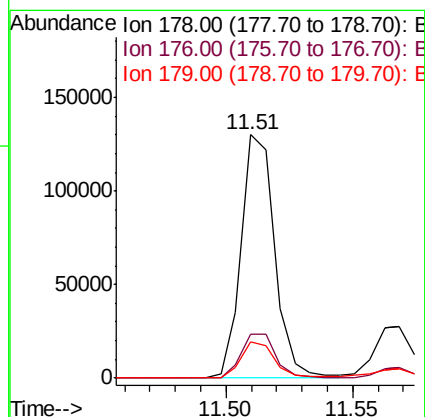
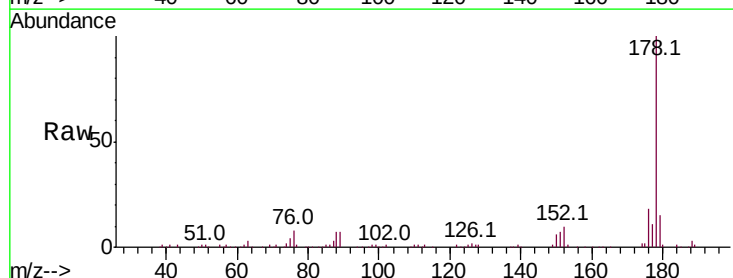
RT: 11.51 min Scan# 1602

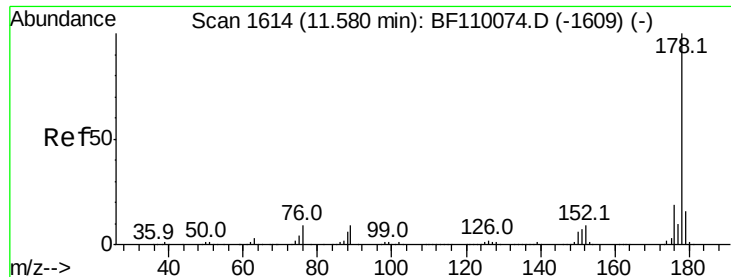
Delta R.T. -0.01 min

Lab File: BF110432.D

Acq: 3 Nov 2018 00:37

Tgt Ion:	178	Resp:	120036
Ion Ratio	Lower	Upper	
178	100		
176	18.0	15.5	23.3
179	14.9	12.5	18.7





#72

Anthracene

Concen: 3.467 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF110432.D

Acq: 3 Nov 2018 00:37

Instrument :

BNA_F

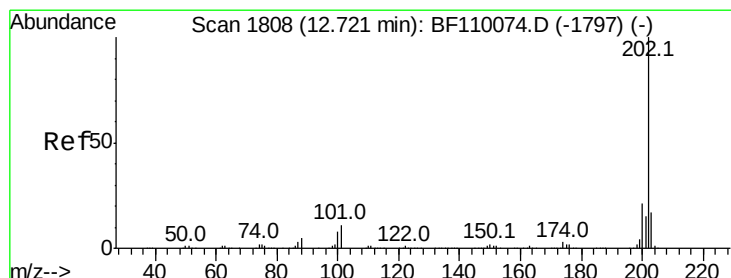
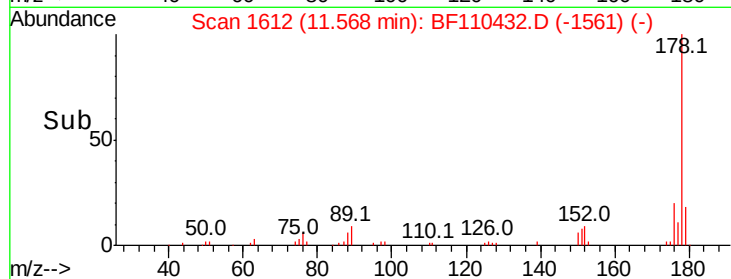
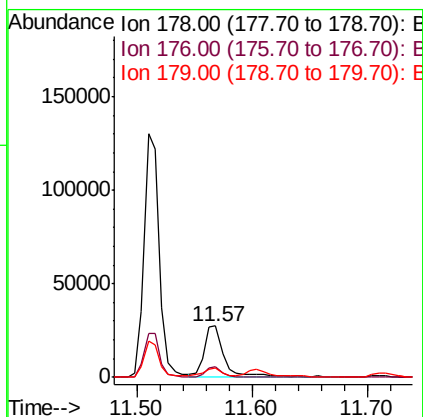
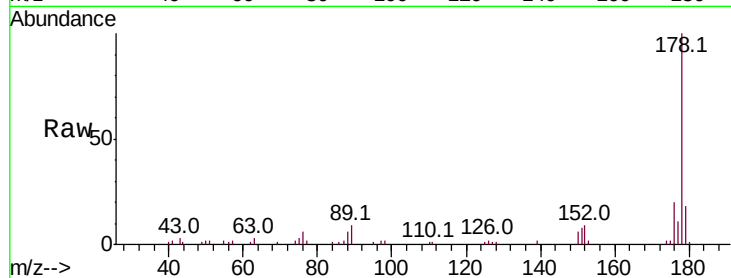
ClientSampleId :

FLOOD-AREA-2

Tot Ion:	178	Resp:	34353
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.4	23.2
179	17.6	12.6	18.8

Manual Integrations
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#75

Fluoranthene

Concen: 44.299 ng

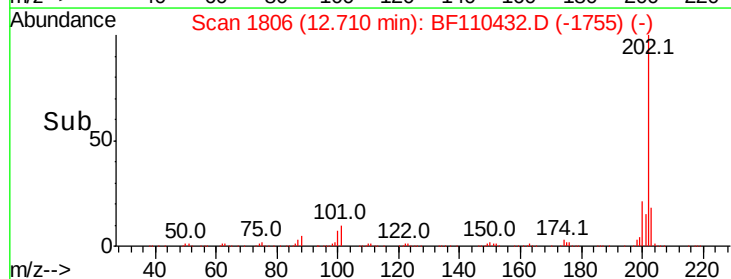
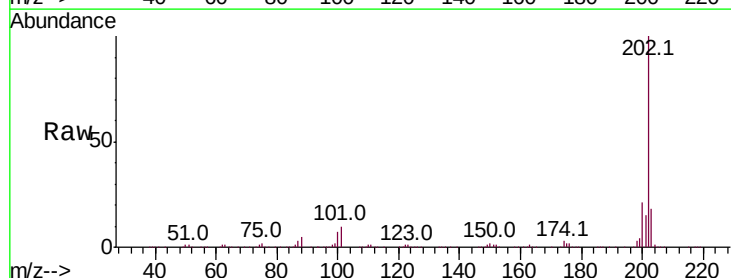
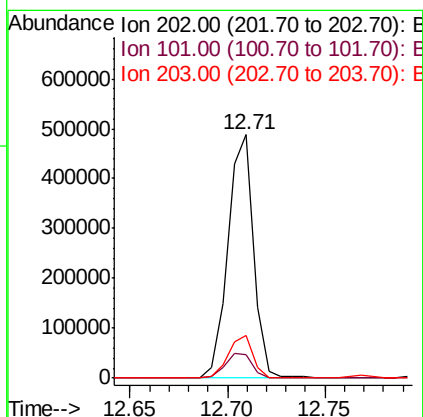
RT: 12.71 min Scan# 1806

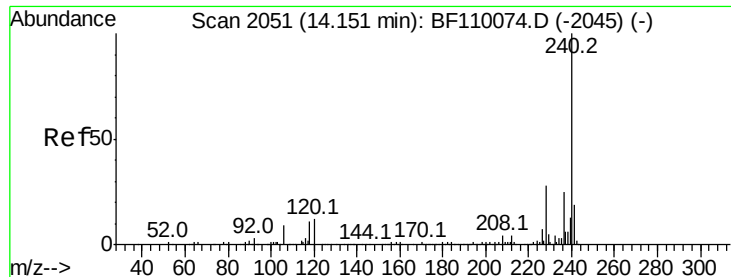
Delta R.T. -0.00 min

Lab File: BF110432.D

Acq: 3 Nov 2018 00:37

Tgt Ion:	202	Resp:	444463
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	31.4
203	17.5	0.0	37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BF110432.D

Acq: 3 Nov 2018 00:37

Instrument :

BNA_F

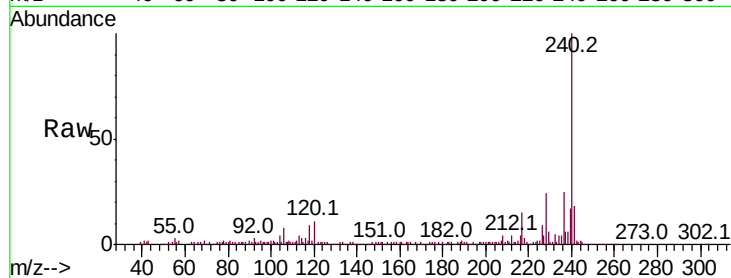
ClientSampleId :

FLOOD-AREA-2

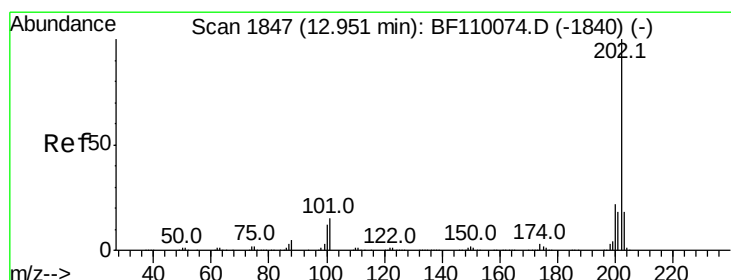
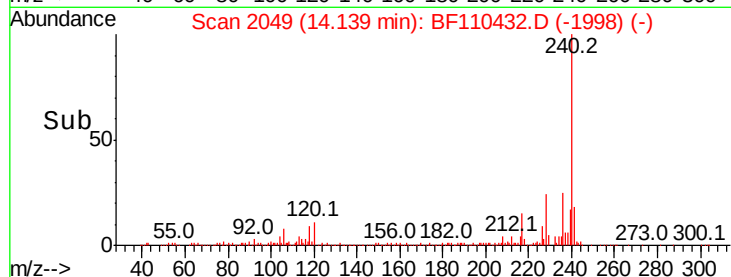
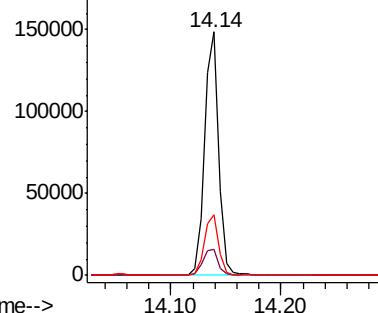
Tot Ion:	240	Resp:	133711
Ion Ratio	Lower	Upper	
240	100		
120	10.6	8.3	12.5
236	25.1	21.2	31.8

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Abundance Ion 240.00 (239.70 to 240.70): E
200000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 41.386 ng

RT: 12.94 min Scan# 1845

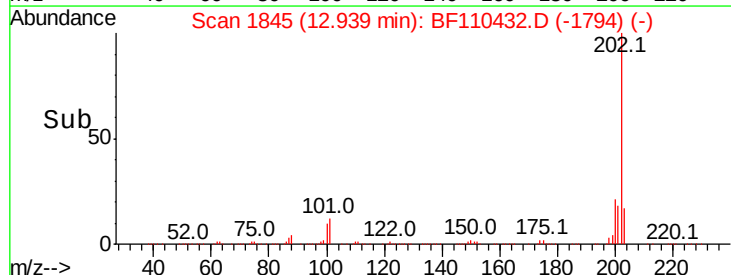
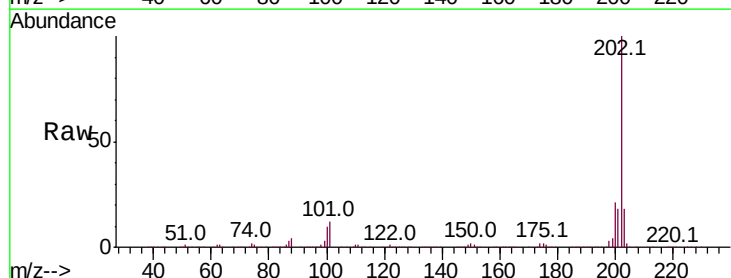
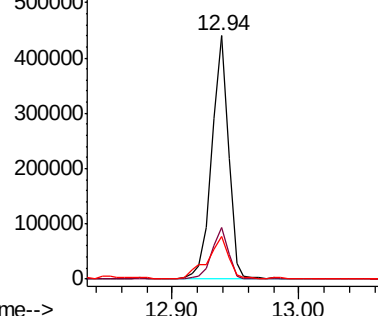
Delta R.T. -0.00 min

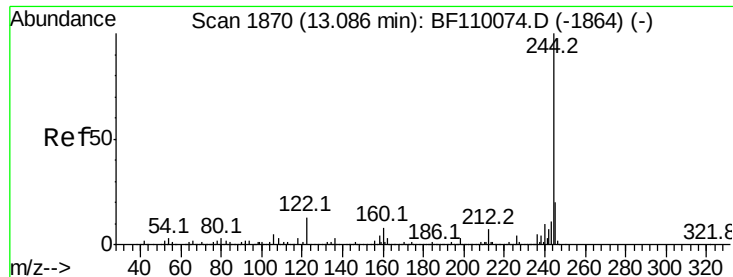
Lab File: BF110432.D

Acq: 3 Nov 2018 00:37

Tgt Ion:	202	Resp:	396724
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.8	26.6
203	17.7	14.2	21.4

Abundance Ion 202.00 (201.70 to 202.70): E
600000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





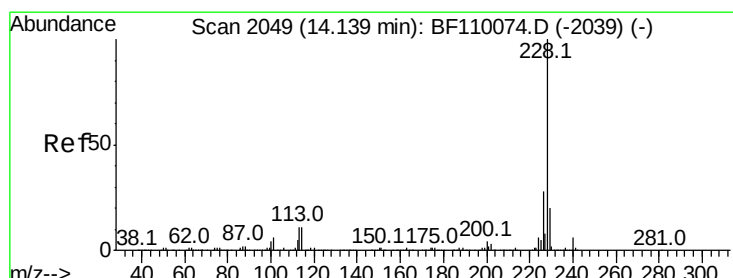
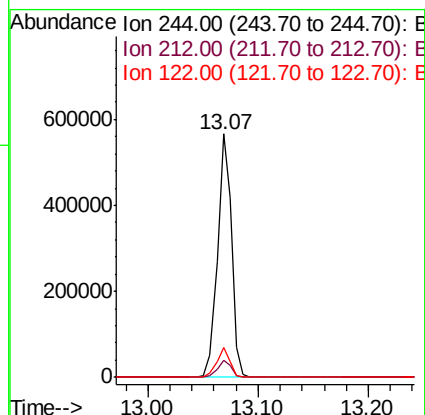
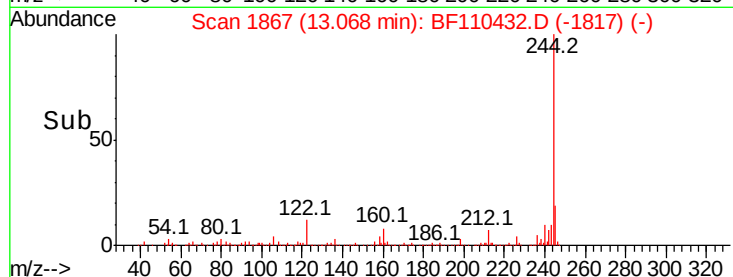
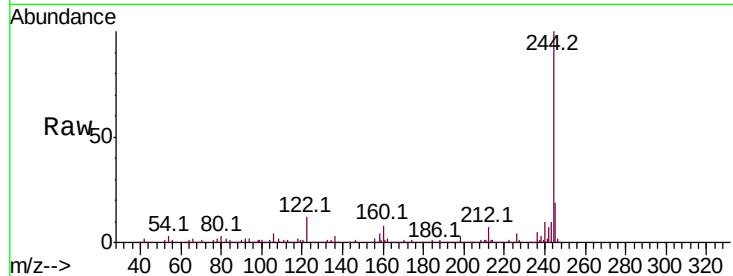
#79
 Terphenyl-d14
 Concen: 76.541 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110432.D
 Acq: 3 Nov 2018 00:37

Instrument :
 BNA_F
 ClientSampleId :
 FLOOD-AREA-2

Tot Ion:	244	Resp:	492105
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.8	8.8
122	12.2	8.7	13.1

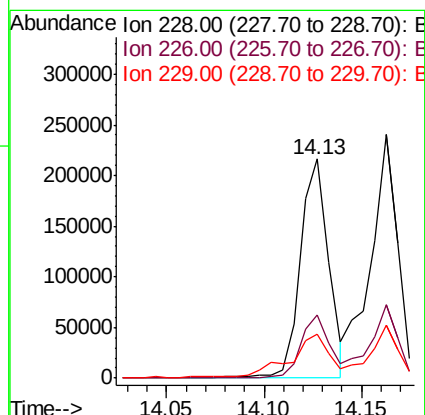
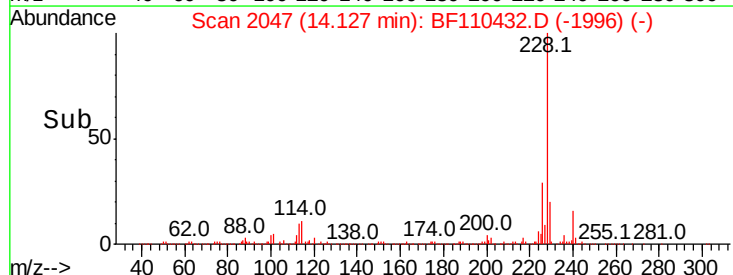
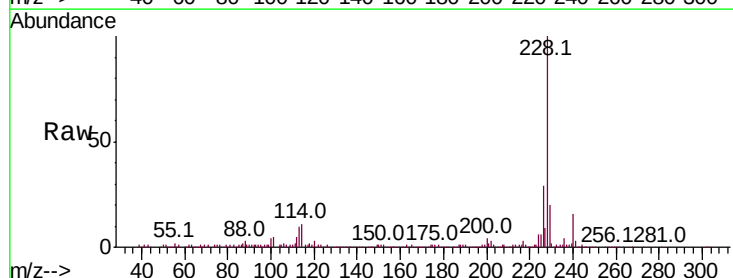
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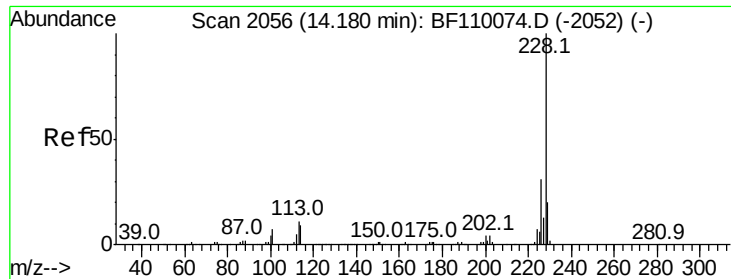
Sohil
 11/5/2018 10:32:53 AM



#81
 Benzo(a)anthracene
 Concen: 27.194 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.00 min
 Lab File: BF110432.D
 Acq: 3 Nov 2018 00:37

Tgt Ion:	228	Resp:	215633
Ion Ratio	Lower	Upper	
228	100		
226	29.0	22.1	33.1
229	20.1	15.6	23.4





#83

Chrysene

Concen: 30.844 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF110432.D

Acq: 3 Nov 2018 00:37

Instrument :

BNA_F

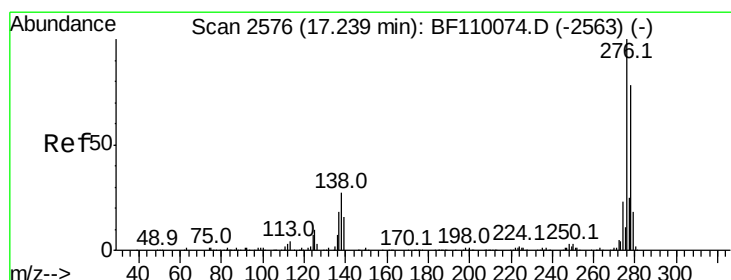
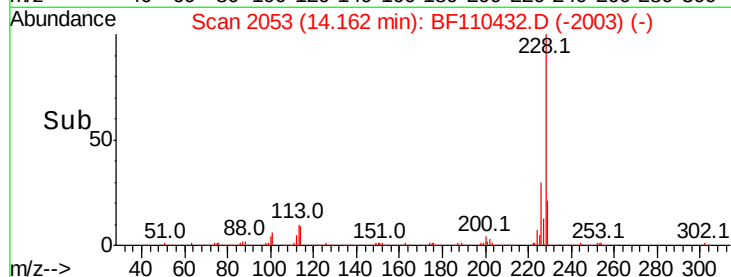
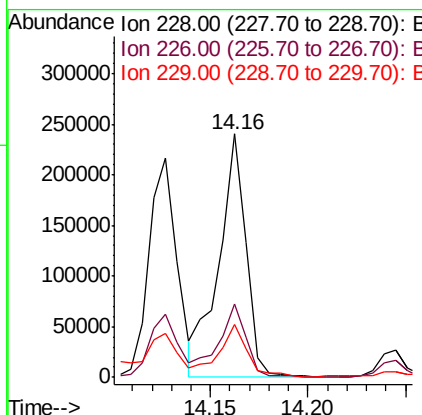
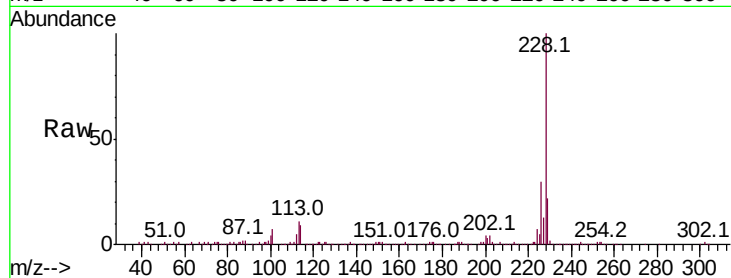
ClientSampleId :

FLOOD-AREA-2

Tot Ion:	228	Resp:	232296
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.7	37.1
229	21.5	15.9	23.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 14.285 ng

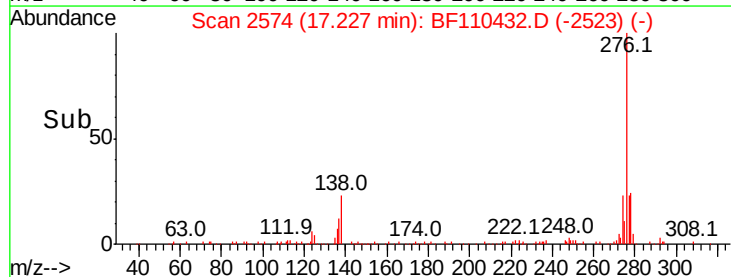
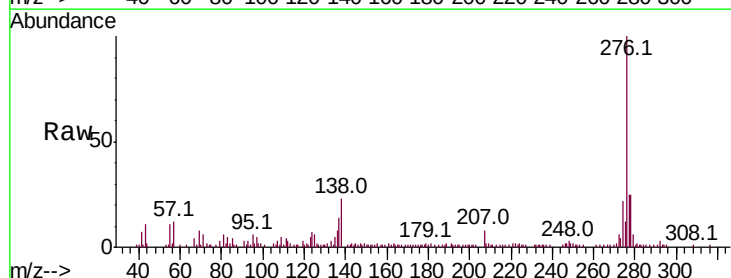
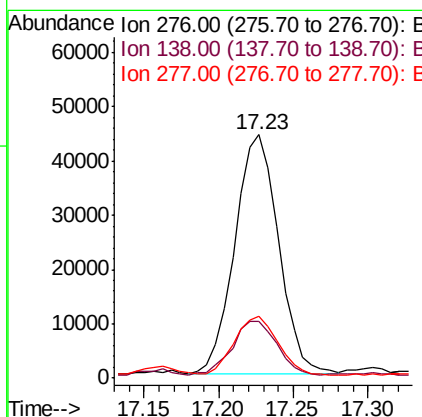
RT: 17.23 min Scan# 2574

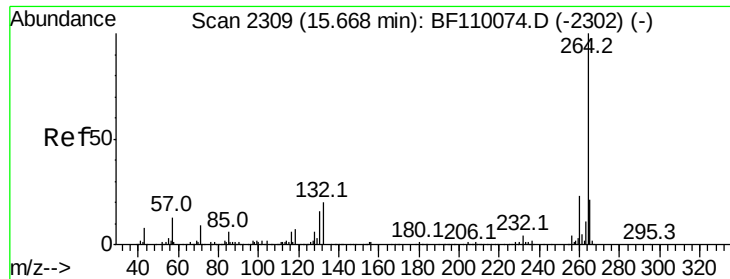
Delta R.T. -0.00 min

Lab File: BF110432.D

Acq: 3 Nov 2018 00:37

Tgt Ion:	276	Resp:	89254
Ion Ratio	Lower	Upper	
276	100		
138	23.7	18.5	27.7
277	25.1	20.0	30.0





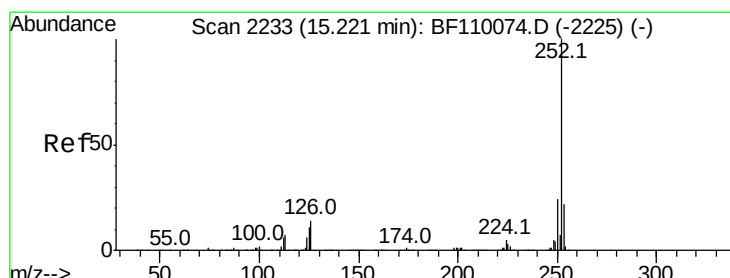
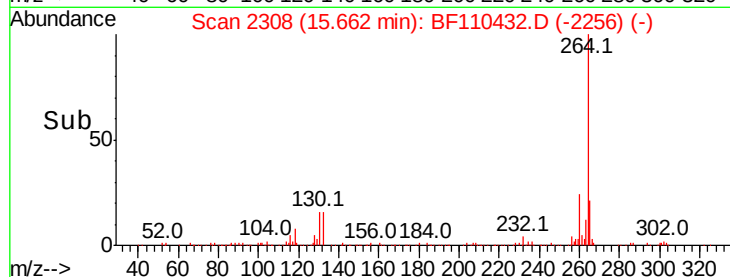
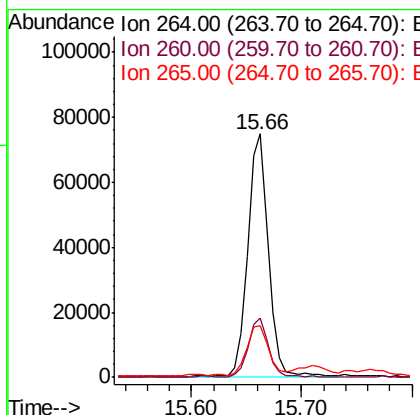
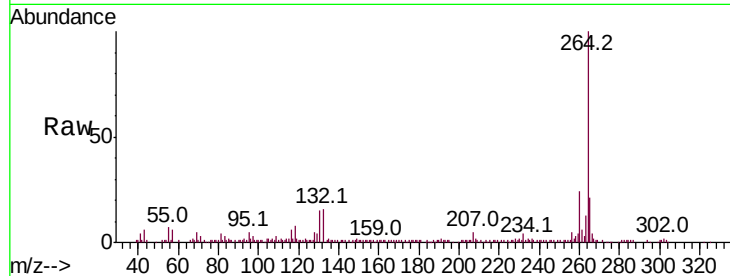
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110432.D
Acq: 3 Nov 2018 00:37

Instrument :
BNA_F
ClientSampleId :
FLOOD-AREA-2

Tot Ion:	264	Resp:	99347
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.7	28.1
265	21.4	16.7	25.1

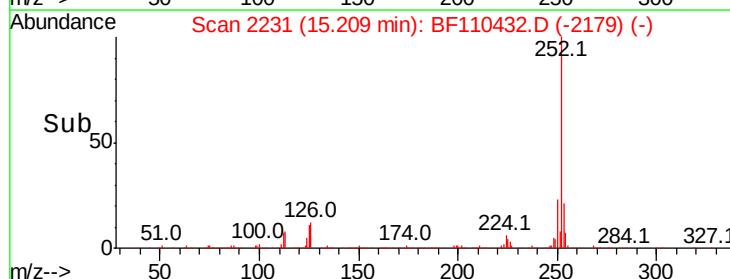
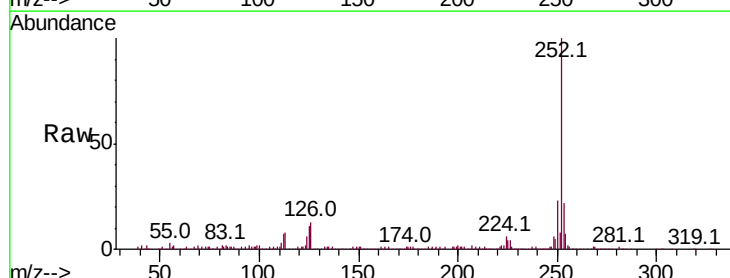
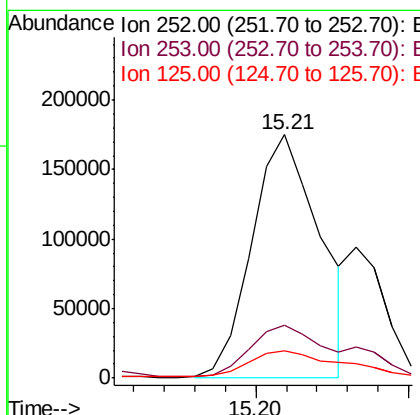
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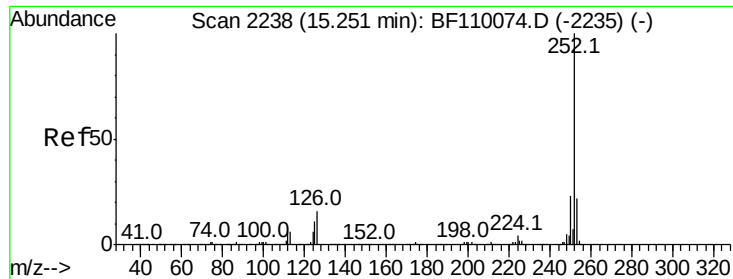
Sohil
11/5/2018 10:32:53 AM



#88
Benzo(b)fluoranthene
Concen: 47.492 ng m
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110432.D
Acq: 3 Nov 2018 00:37

Tgt Ion:	252	Resp:	272461
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.2	25.8
125	11.3	8.2	12.4





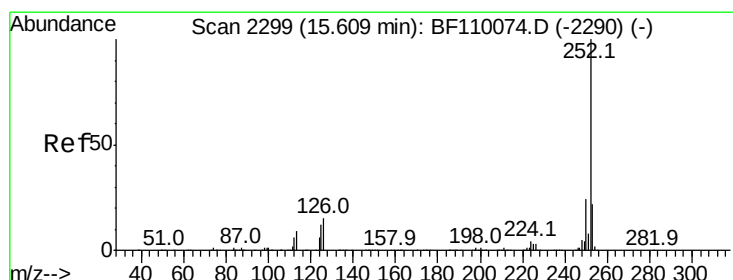
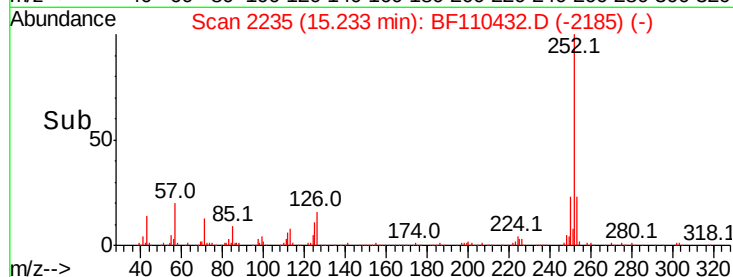
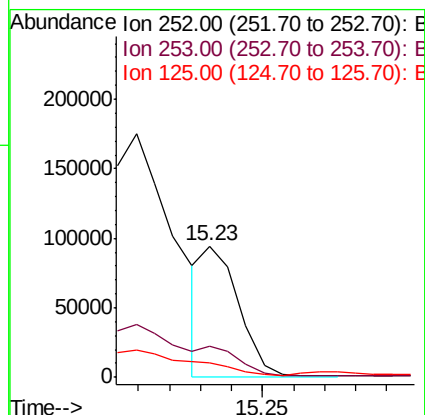
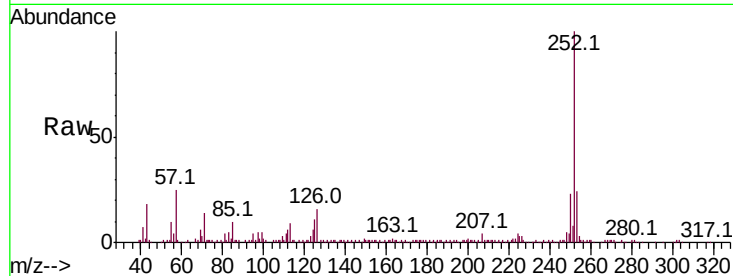
#89
Benzo(k)fluoranthene
Concen: 14.149 ng m
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110432.D
Acq: 3 Nov 2018 00:37

Instrument :
BNA_F
ClientSampleId :
FLOOD-AREA-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.2	25.8
125	11.5	7.4	11.0

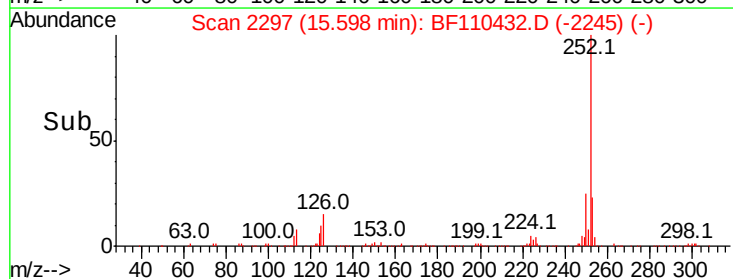
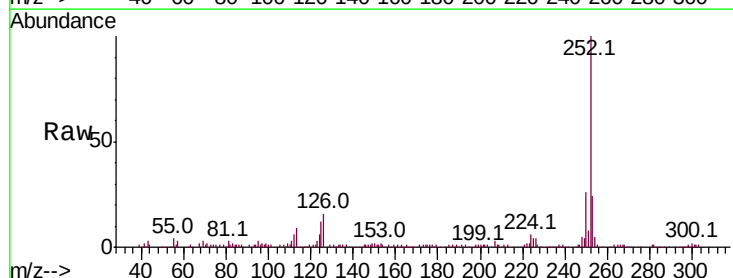
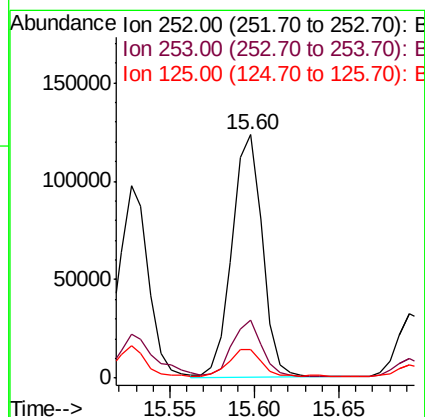
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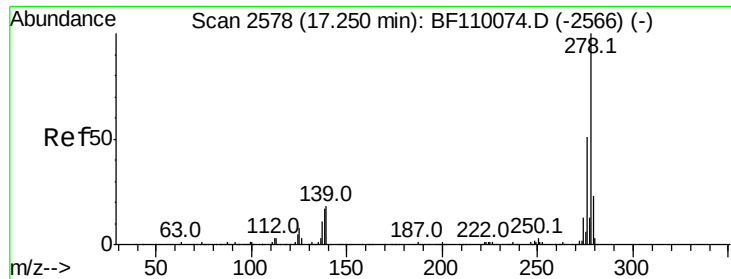
Sohil
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#90
Benzo(a)pyrene
Concen: 29.225 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110432.D
Acq: 3 Nov 2018 00:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	11.7	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 5.500 ng/mL

RT: 17.23 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BF110432.D

Acq: 3 Nov 2018 00:37

Instrument :

BNA_F

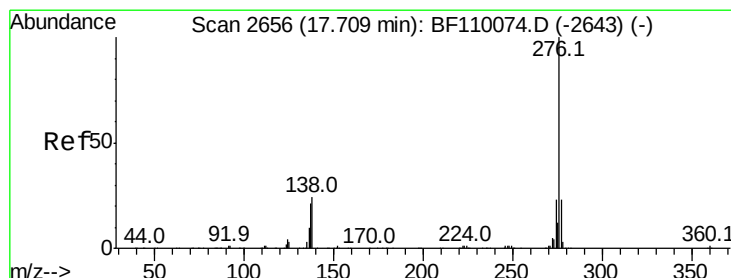
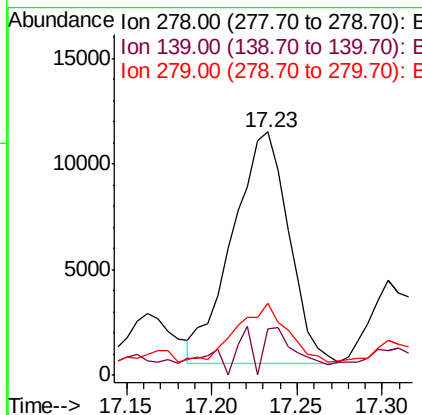
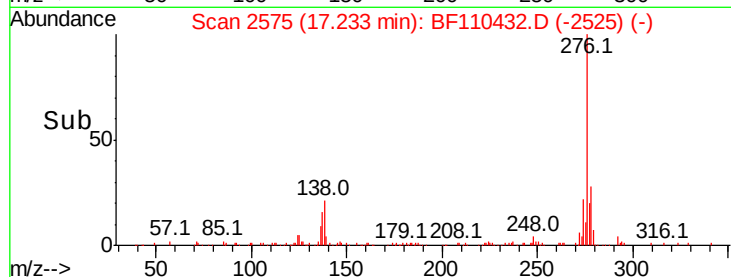
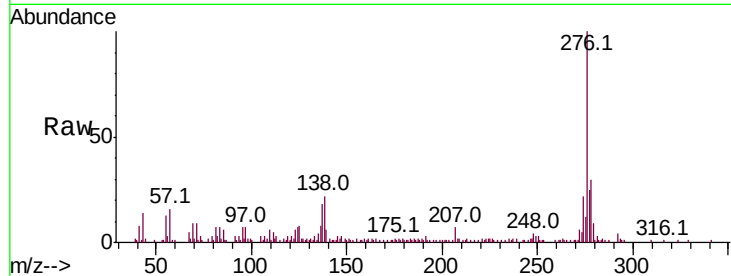
ClientSampleId :

FLOOD-AREA-2

Tot Ion:278	Resp:	25054
Ion Ratio	Lower	Upper
278	100	
139	19.2	12.7 19.1#
279	29.6	19.0 28.4#

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 18.680 ng/mL

RT: 17.71 min Scan# 2656

Delta R.T. 0.01 min

Lab File: BF110432.D

Acq: 3 Nov 2018 00:37

Tgt Ion:276	Resp:	83844
Ion Ratio	Lower	Upper
276	100	
277	23.4	18.8 28.2
138	21.2	16.0 24.0

