

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
 Data File : BF121540.D
 Acq On : 9 Sep 2020 00:37
 Operator : JU/CG
 Sample : L3826-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BKG-3-(0.0-0.5)

Manual Integrations
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Sohil
 9/9/2020 3:49:43 PM

Quant Time: Sep 09 07:18:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 17:52:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	336271	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1266814	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	650406	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1160676	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	782201	20.00	ng	-0.02
86) Perylene-d12	15.46	264	778467	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1494098	74.54	ng	0.00
7) Phenol-d6	6.47	99	1925038	68.73	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1263847	68.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	582041	88.60	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2233254	55.40	ng	-0.01
79) Terphenyl-d14	12.94	244	1908810	51.37	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	152269	3.408	ng	99
71) Phenanthrene	11.38	178	215063	3.611	ng	98
75) Fluoranthene	12.57	202	439084	6.840	ng	98
78) Pyrene	12.80	202	403490	7.223	ng	96
81) Benzo(a)anthracene	13.99	228	161357	3.379	ng	95
83) Chrysene	14.02	228	192060	4.020	ng	96
87) Indeno(1,2,3-cd)pyrene	16.89	276	112316	2.345	ng	93
88) Benzo(b)fluoranthene	15.03	252	229367m	4.529	ng	
90) Benzo(a)pyrene	15.39	252	154167	3.386	ng	98
92) Benzo(g,h,i)perylene	17.33	276	109239	2.892	ng	98

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

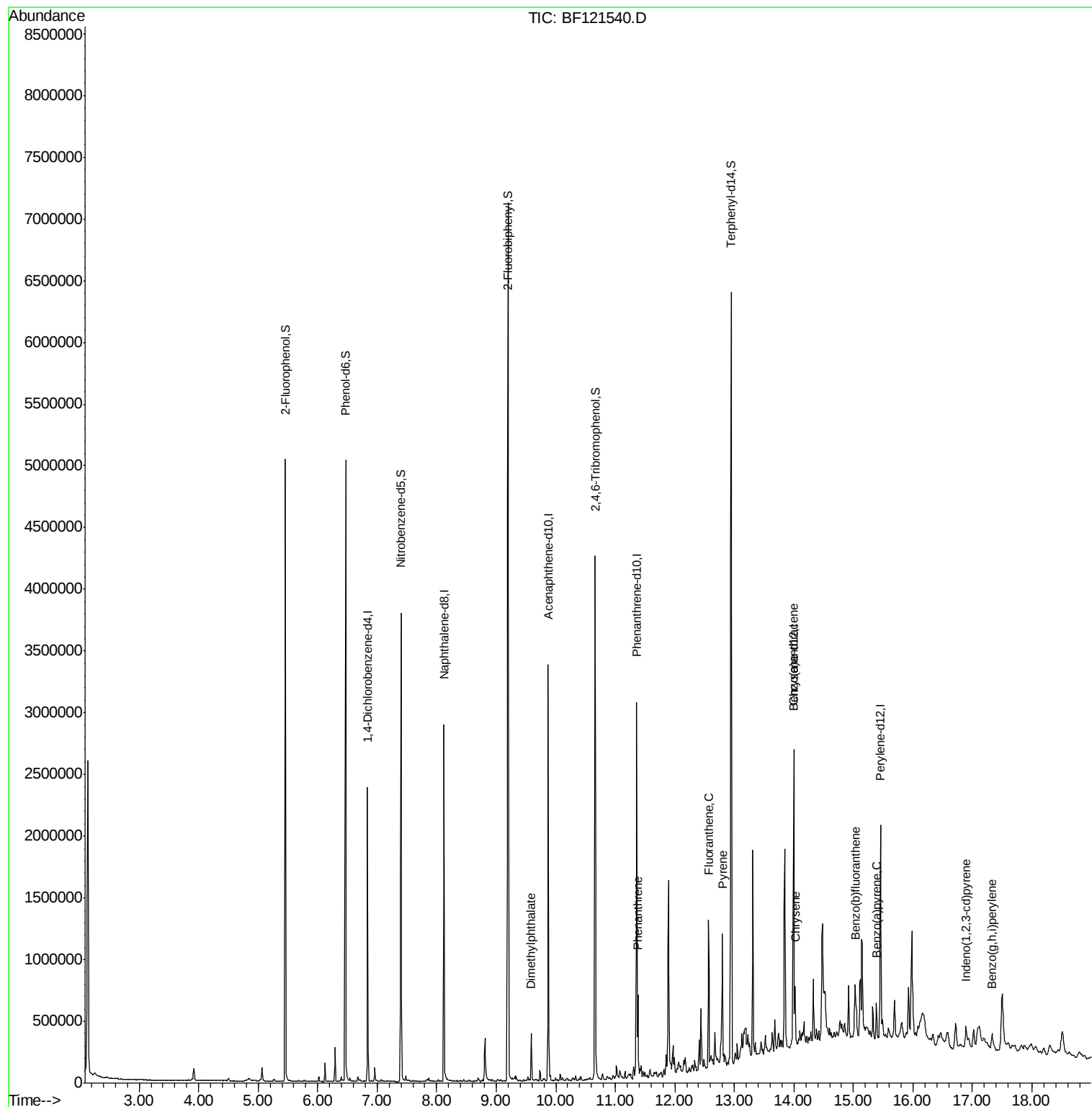
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
Data File : BF121540.D
Acq On : 9 Sep 2020 00:37
Operator : JU/CG
Sample : L3826-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

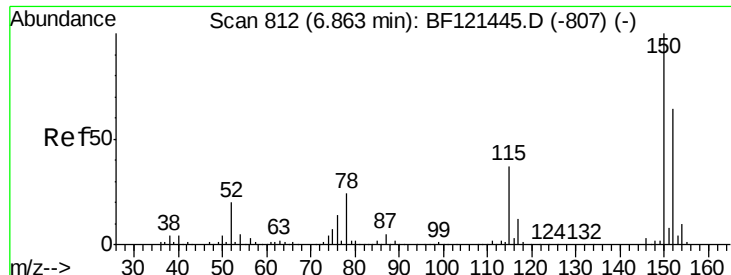
Instrument :
BNA_F
ClientSampleId :
BKG-3-(0.0-0.5)

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Quant Time: Sep 09 07:18:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 17:52:18 2020
Response via : Initial Calibration





#1

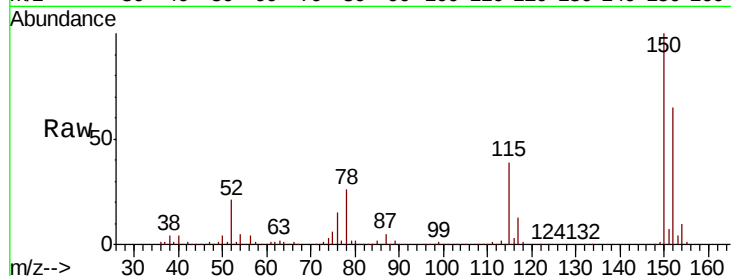
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF121540.D
Acq: 9 Sep 2020 00:37

Instrument :
BNA_F
ClientSampleId :
BKG-3-(0.0-0.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.1	189.1
115	60.3	48.4	72.6

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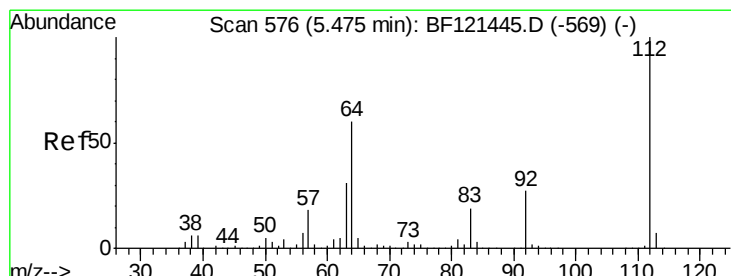
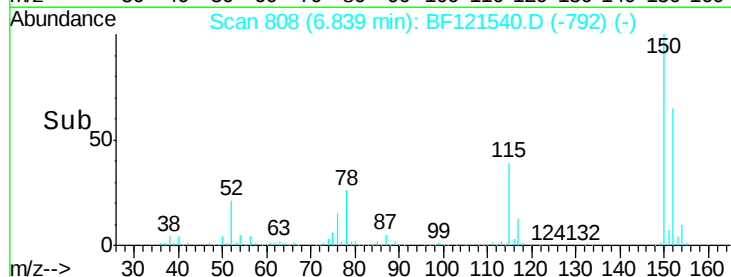
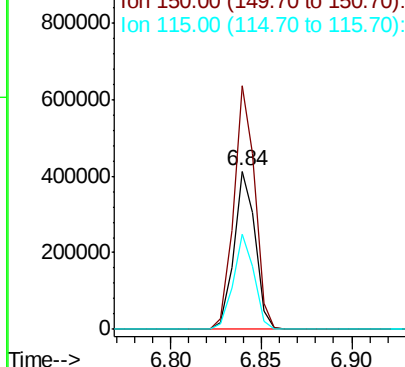


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

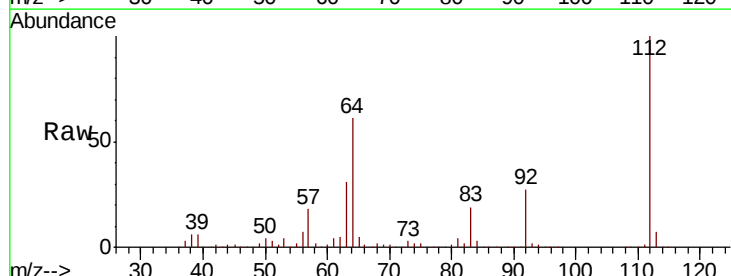
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 74.544 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF121540.D
Acq: 9 Sep 2020 00:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	46.0	69.0
63	30.7	23.4	35.2

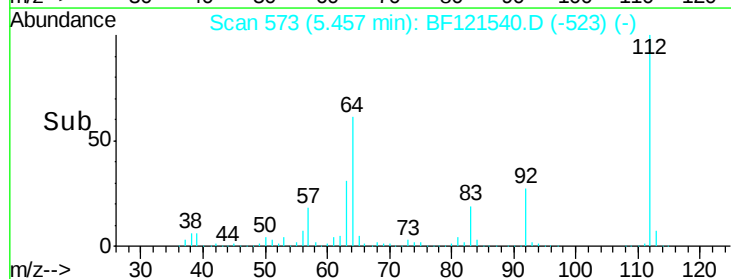
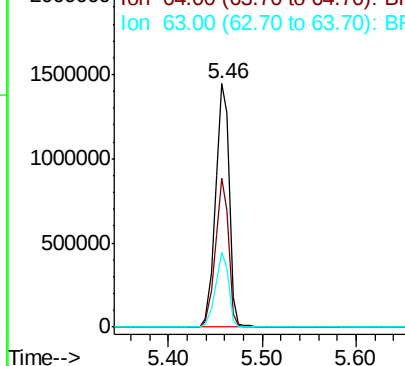


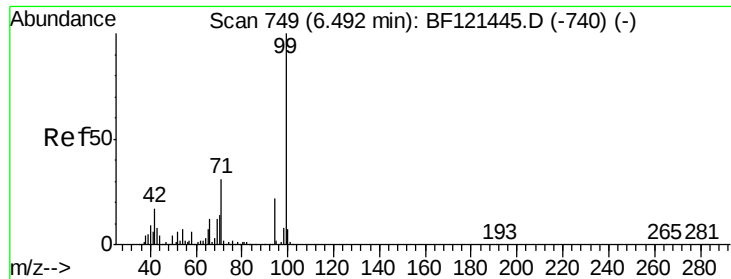
Abundance

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: 68.728 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF121540.D

Acq: 9 Sep 2020 00:37

Instrument :

BNA_F

ClientSampleId :

BKG-3-(0.0-0.5)

Tot Ion: 99 Resp: 1925038

Ion Ratio Lower Upper

99 100

42 16.2 13.0 19.4

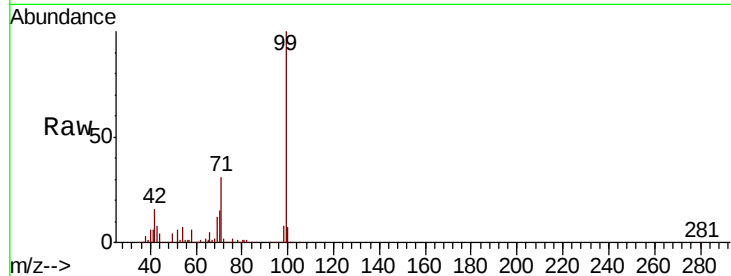
71 31.1 24.8 37.2

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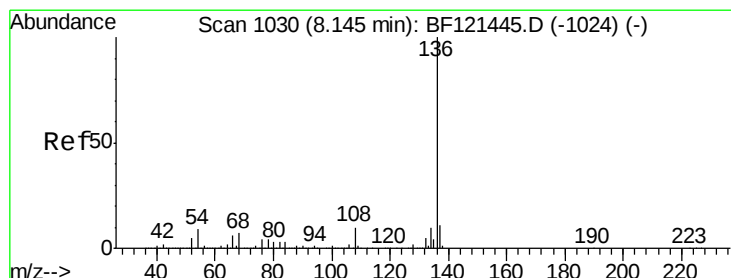
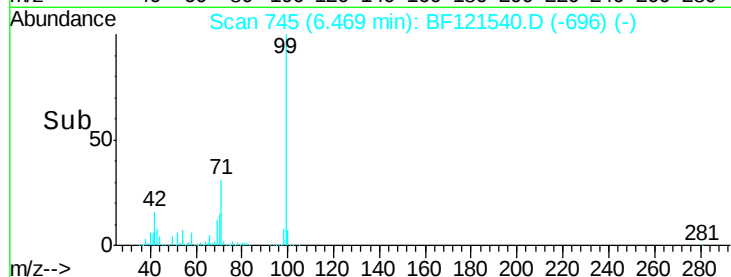
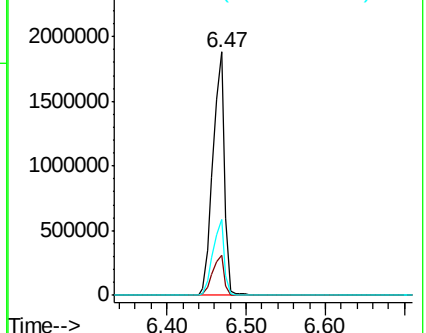
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF121540.D

Acq: 9 Sep 2020 00:37

Tgt Ion: 136 Resp: 1266814

Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.3 6.2 9.4

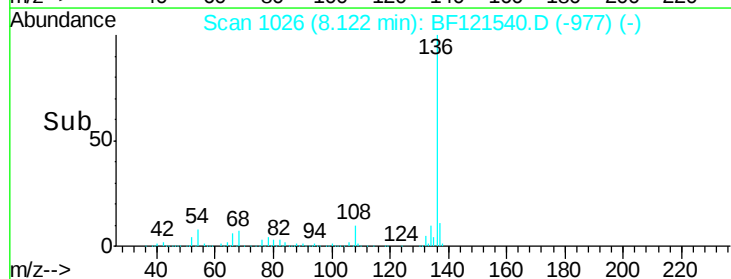
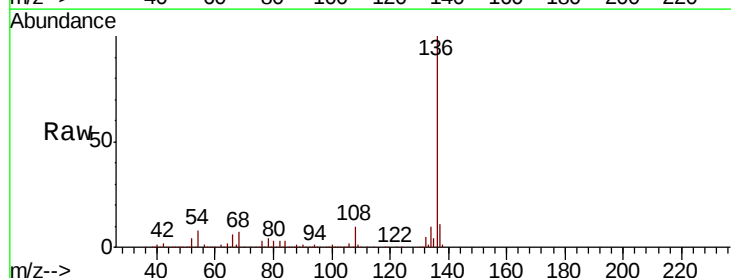
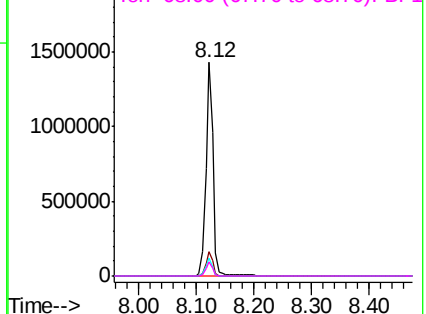
68 6.8 5.1 7.7

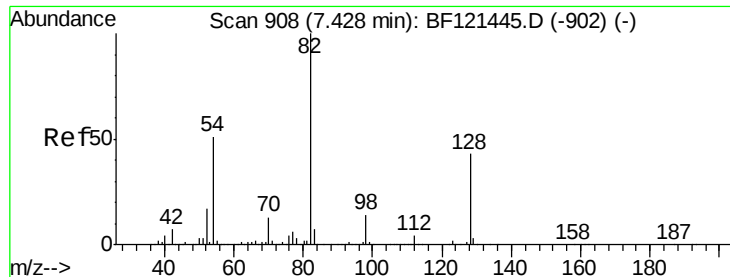
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





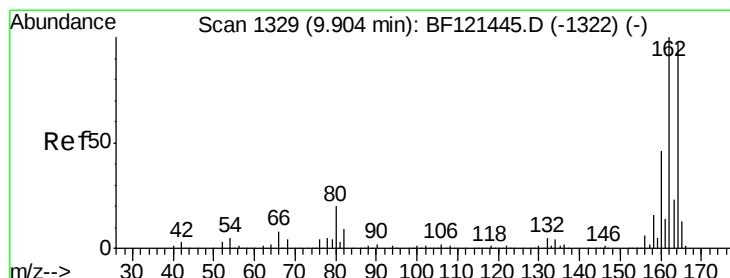
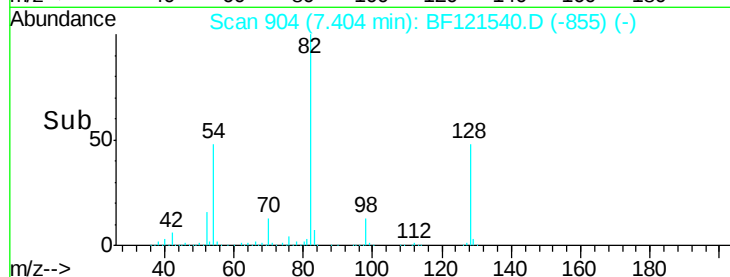
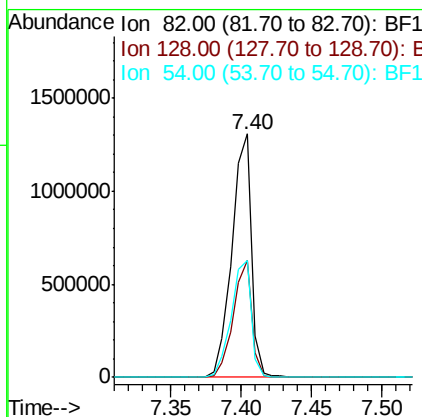
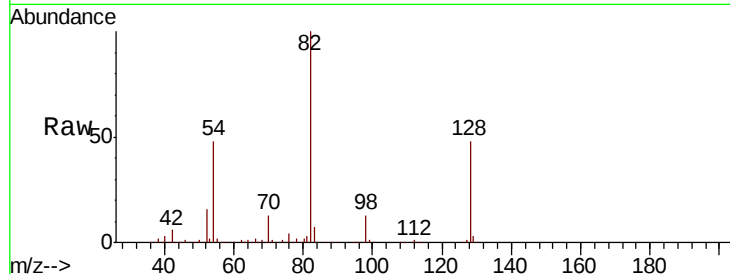
#23
Nitrobenzene-d5
Concen: 68.205 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF121540.D
Acq: 9 Sep 2020 00:37

Instrument :
BNA_F
ClientSampleId :
BKG-3-(0.0-0.5)

Tot Ion	82	Resp	1263847
Ion Ratio	100	Lower	Upper
128	48.2	37.3	55.9
54	48.1	39.0	58.6

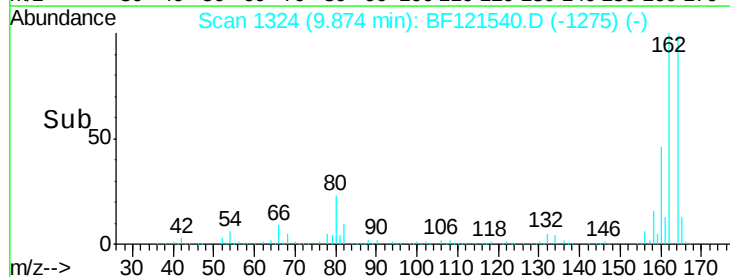
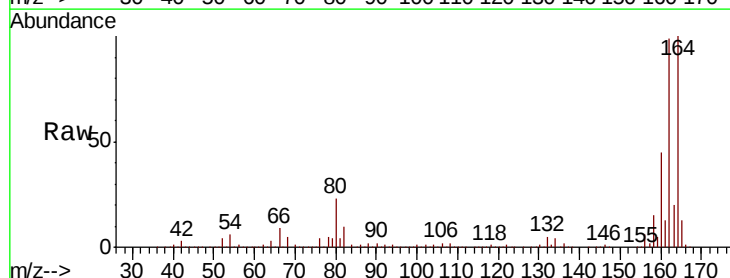
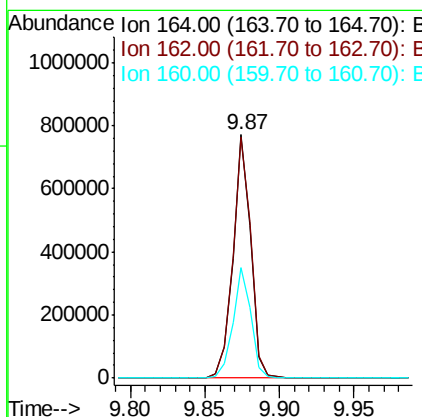
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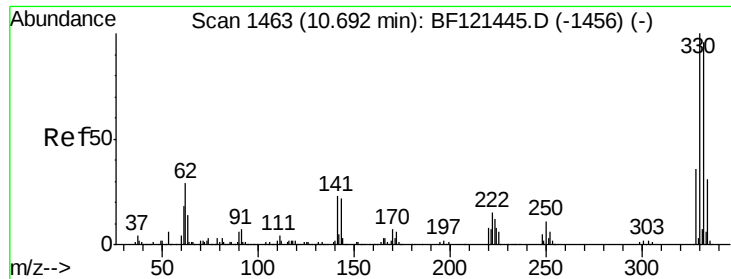
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF121540.D
Acq: 9 Sep 2020 00:37

Tgt Ion	164	Resp	650406
Ion Ratio	100	Lower	Upper
162	99.0	80.5	120.7
160	45.4	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 88.598 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF121540.D

Acq: 9 Sep 2020 00:37

Instrument :

BNA_F

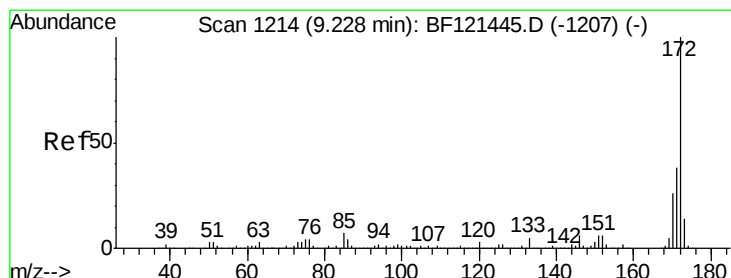
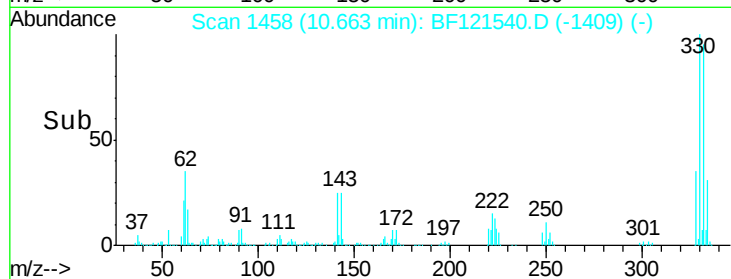
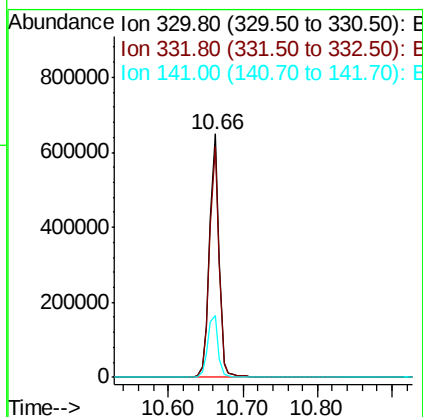
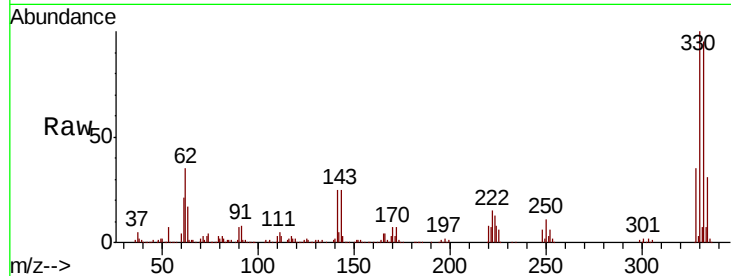
ClientSampleId :

BKG-3-(0.0-0.5)

Tot Ion:	330	Resp:	582041
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.2	114.2
141	28.2	22.6	34.0

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#45

2-Fluorobiphenyl

Concen: 55.403 ng

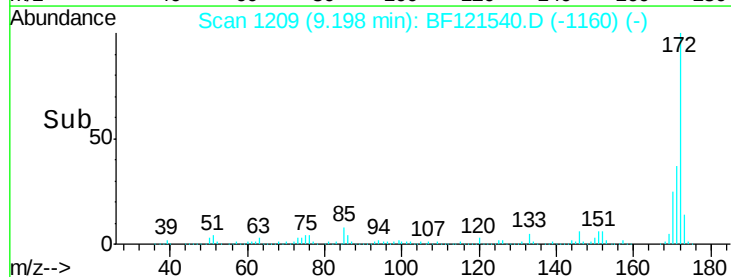
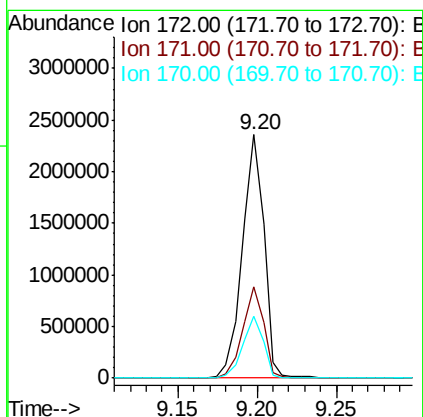
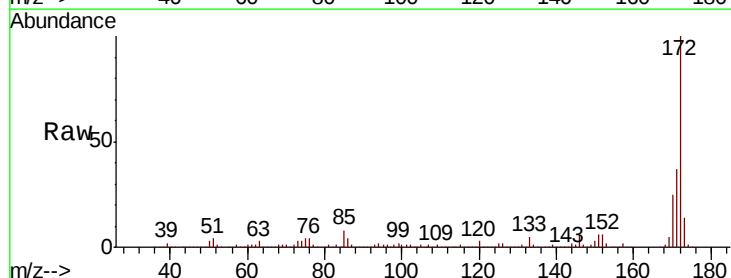
RT: 9.20 min Scan# 1209

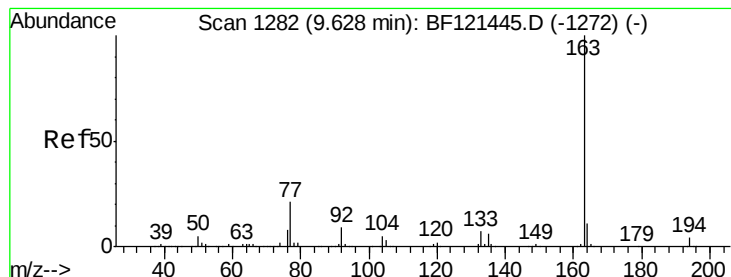
Delta R.T. -0.01 min

Lab File: BF121540.D

Acq: 9 Sep 2020 00:37

Tgt Ion:	172	Resp:	2233254
Ion Ratio	Lower	Upper	
172	100		
171	37.3	30.4	45.6
170	25.3	20.7	31.1





#50

Dimethylphthalate

Concen: 3.408 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF121540.D

Acq: 9 Sep 2020 00:37

Instrument :

BNA_F

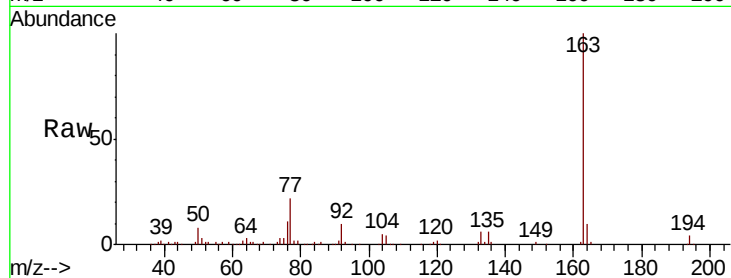
ClientSampleId :

BKG-3-(0.0-0.5)

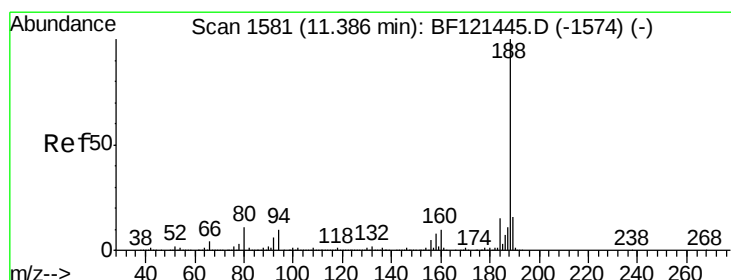
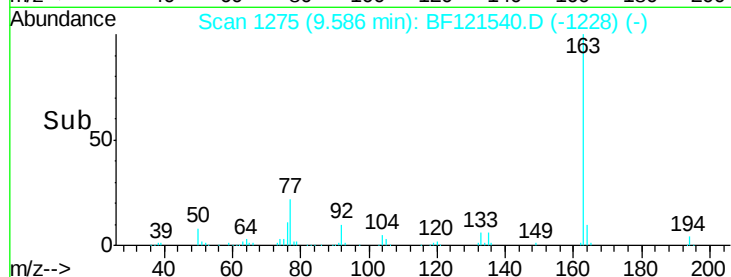
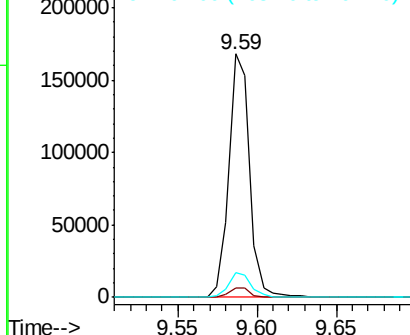
Tot Ion:	163	Resp:	152269
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.3	4.9
164	10.3	8.6	13.0

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

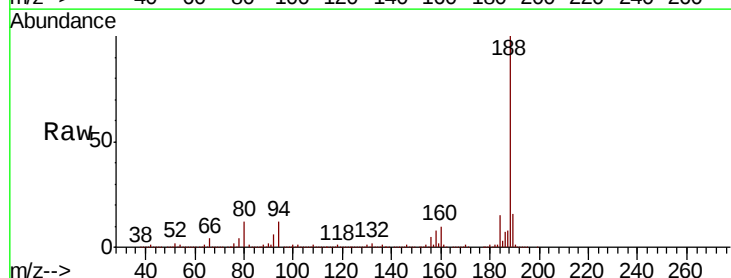
RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

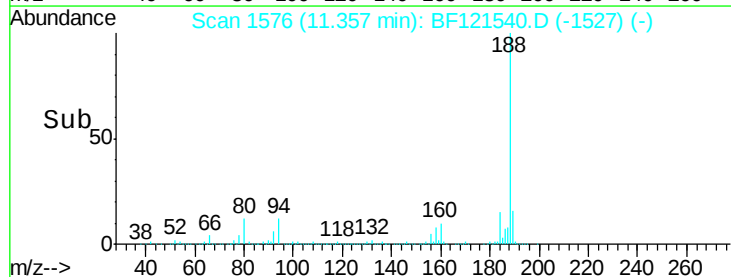
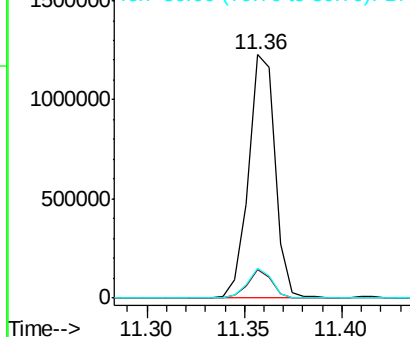
Lab File: BF121540.D

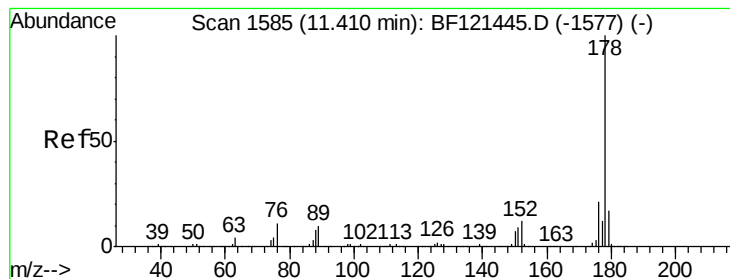
Acq: 9 Sep 2020 00:37

Tgt Ion:	188	Resp:	1160676
Ion Ratio	Lower	Upper	
188	100		
94	11.5	8.8	13.2
80	12.1	9.1	13.7



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 3.611 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF121540.D

Acq: 9 Sep 2020 00:37

Instrument :

BNA_F

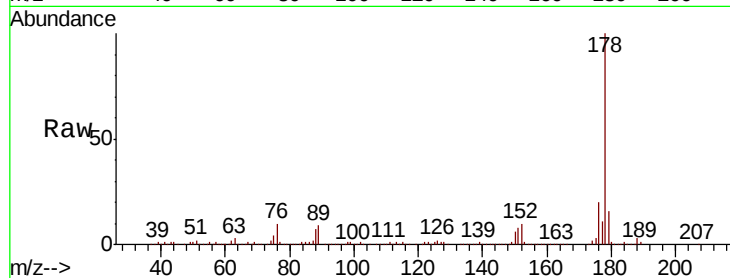
ClientSampleId :

BKG-3-(0.0-0.5)

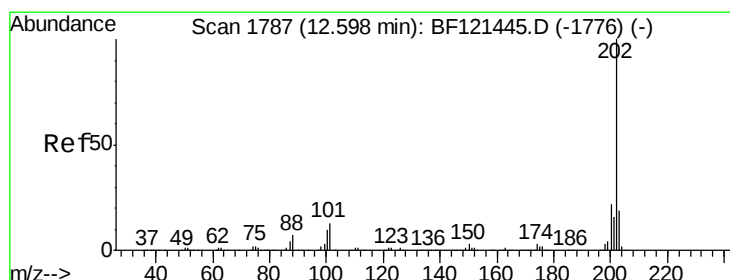
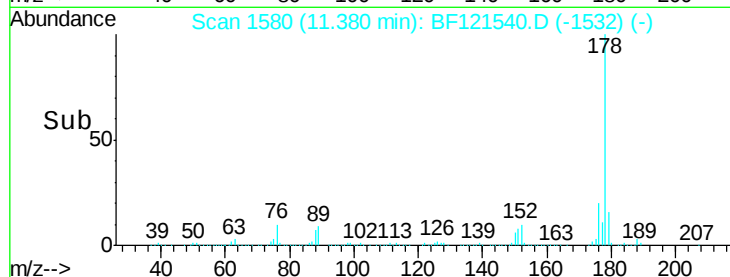
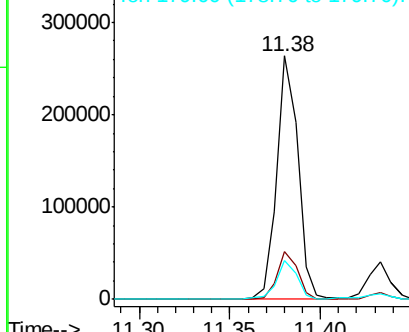
Tot Ion:	178	Resp:	215063
Ion Ratio	Lower	Upper	
178	100		
176	19.6	17.0	25.4
179	16.0	13.2	19.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 6.840 ng

RT: 12.57 min Scan# 1782

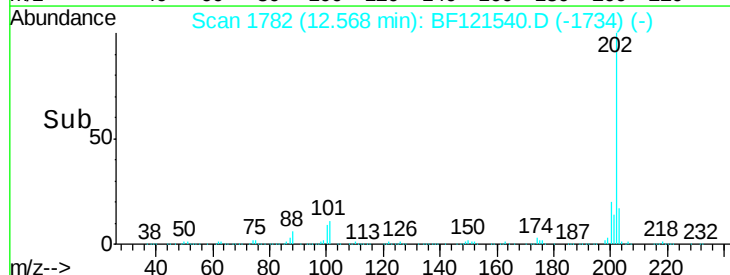
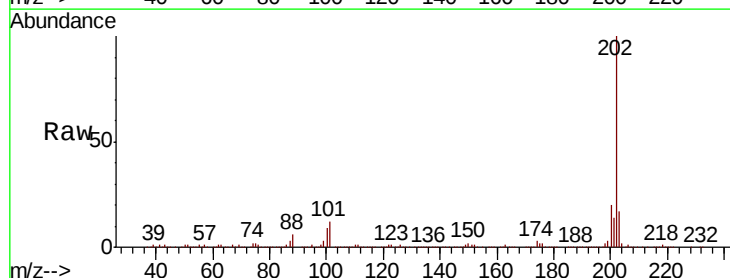
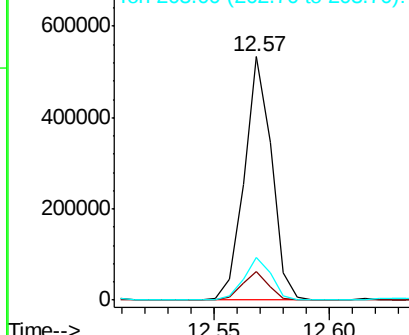
Delta R.T. -0.02 min

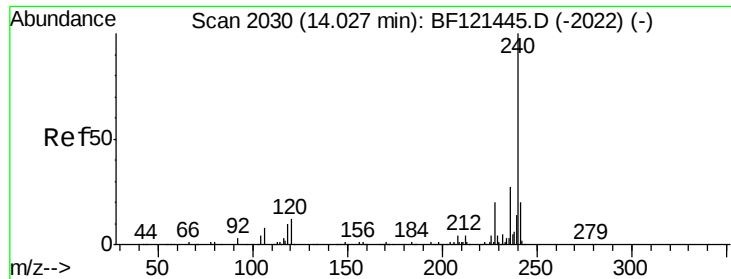
Lab File: BF121540.D

Acq: 9 Sep 2020 00:37

Tgt Ion:	202	Resp:	439084
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	31.6
203	17.3	0.0	38.5

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





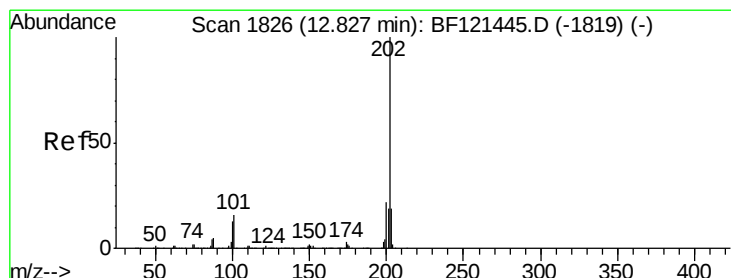
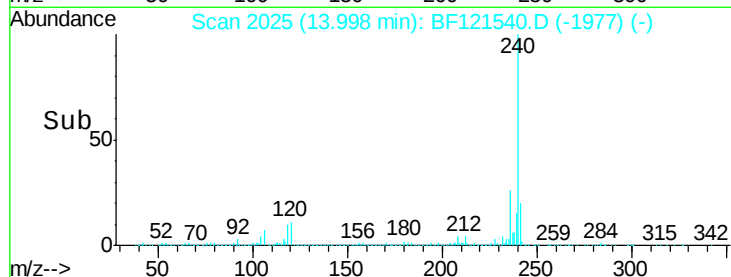
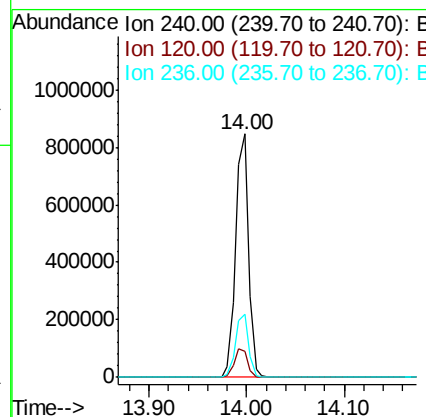
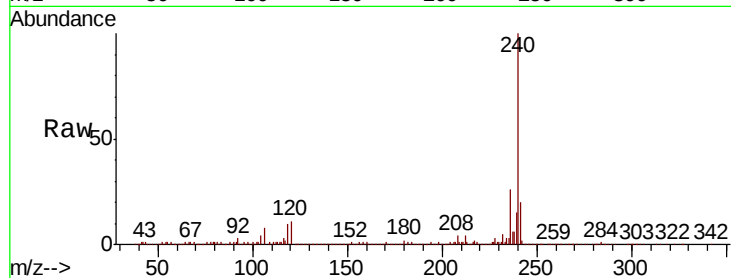
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF121540.D
Acq: 9 Sep 2020 00:37

Instrument :
BNA_F
ClientSampleId :
BKG-3-(0.0-0.5)

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.0	12.0
236	25.9	21.4	32.2

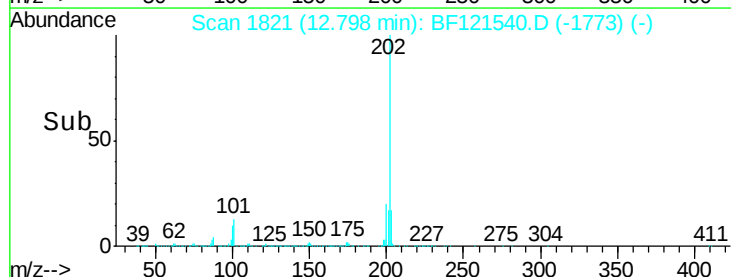
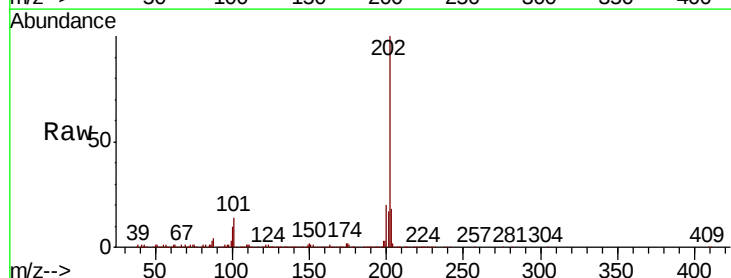
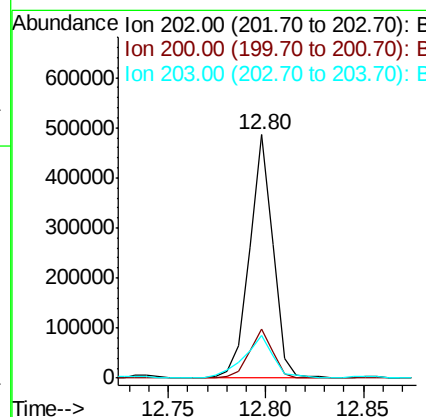
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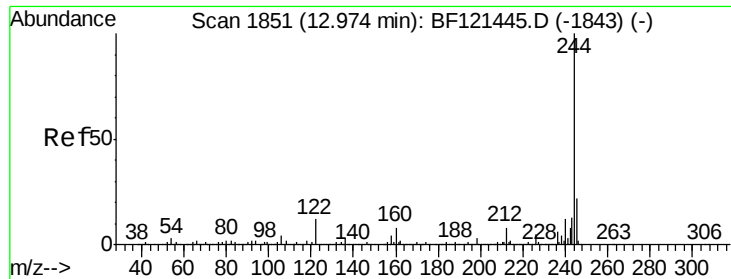
Sohil
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#78
Pyrene
Concen: 7.223 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF121540.D
Acq: 9 Sep 2020 00:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.7	26.5
203	17.6	15.0	22.4





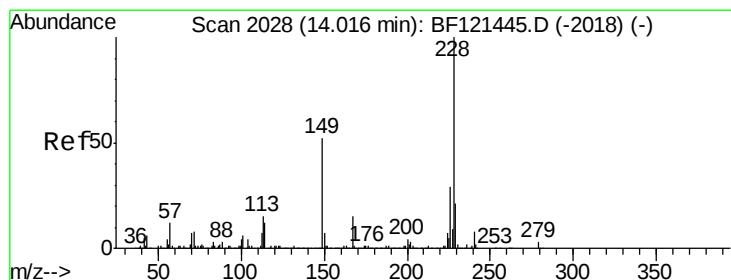
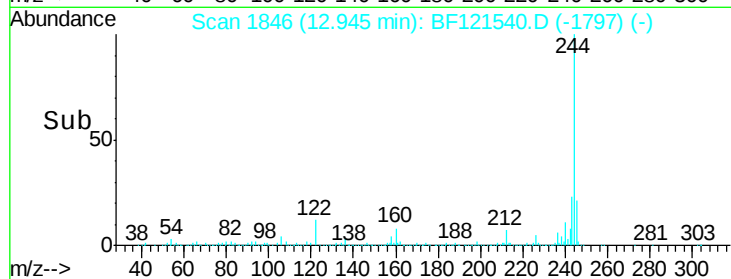
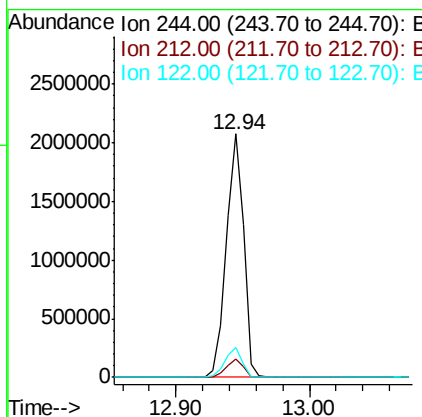
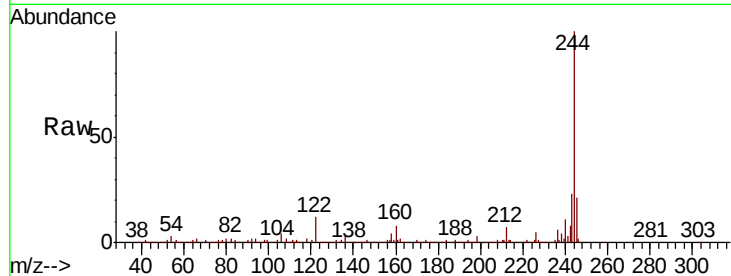
#79
 Terphenyl-d14
 Concen: 51.367 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF121540.D
 Acq: 9 Sep 2020 00:37

Instrument :
 BNA_F
 ClientSampleId :
 BKG-3-(0.0-0.5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	12.4	9.3	13.9

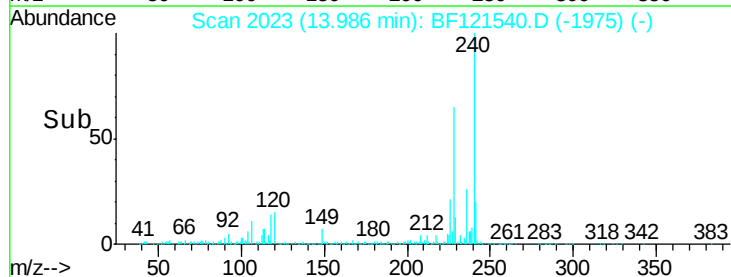
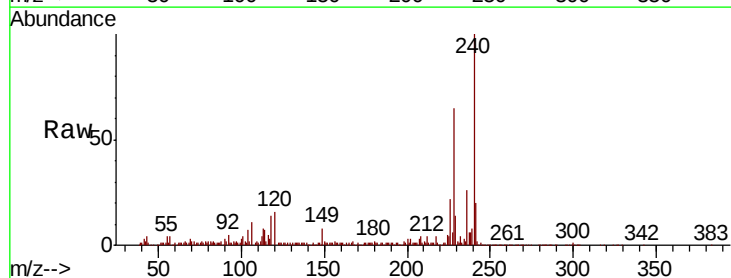
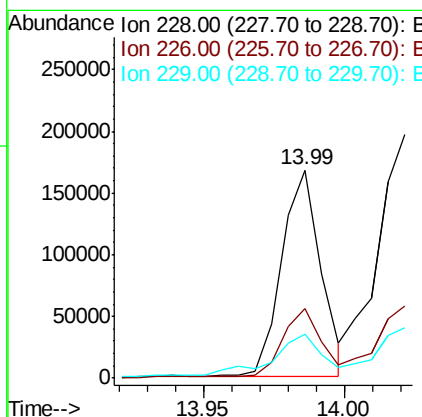
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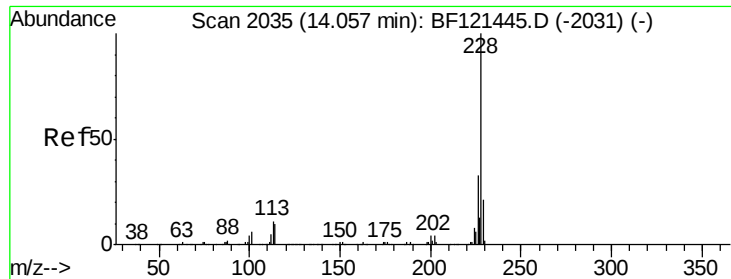
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#81
 Benzo(a)anthracene
 Concen: 3.379 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.02 min
 Lab File: BF121540.D
 Acq: 9 Sep 2020 00:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	23.3	34.9
229	21.1	16.4	24.6





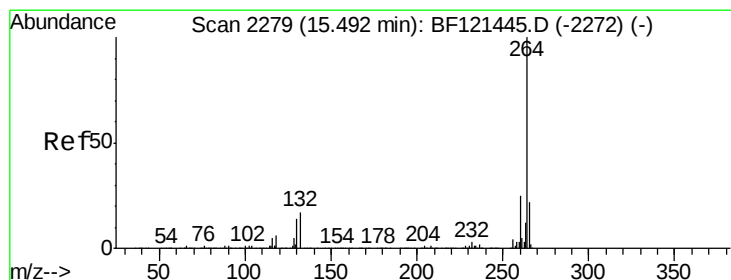
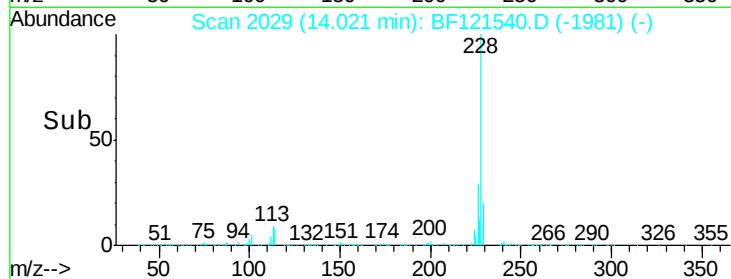
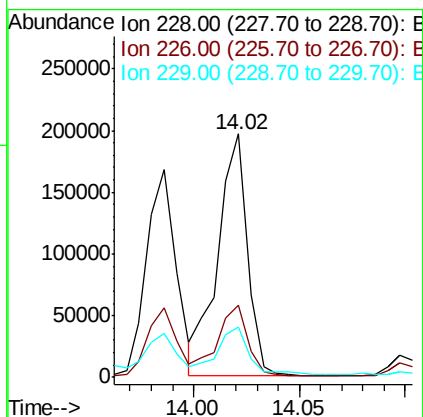
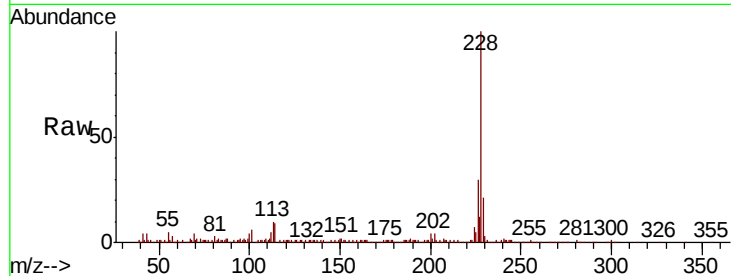
#83
Chrysene
Concen: 4.020 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF121540.D
Acq: 9 Sep 2020 00:37

Instrument :
BNA_F
ClientSampleId :
BKG-3-(0.0-0.5)

Tot Ion:	228	Resp:	192060
Ion Ratio	Lower	Upper	
228	100		
226	29.5	26.5	39.7
229	20.9	17.1	25.7

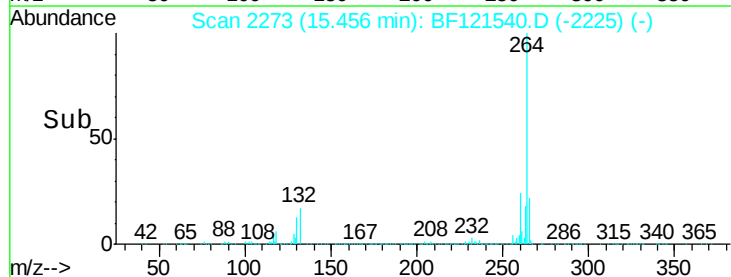
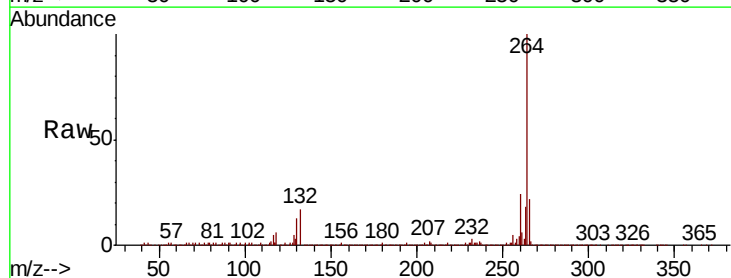
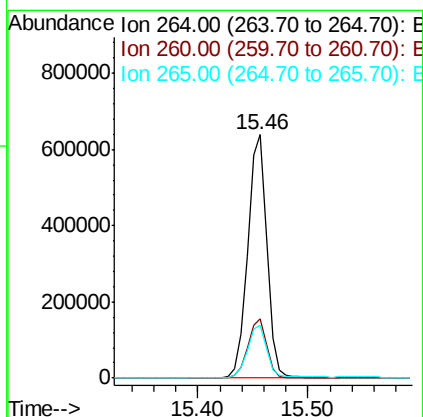
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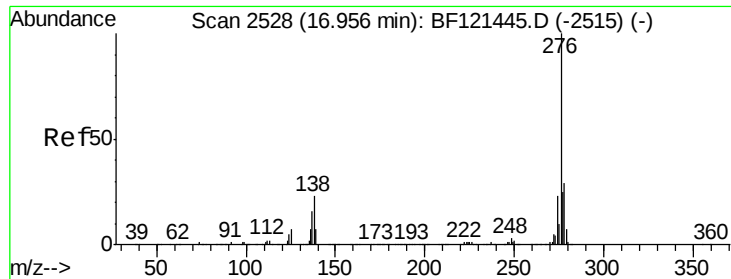
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF121540.D
Acq: 9 Sep 2020 00:37

Tgt Ion:	264	Resp:	778467
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.7	29.5
265	22.0	17.4	26.2





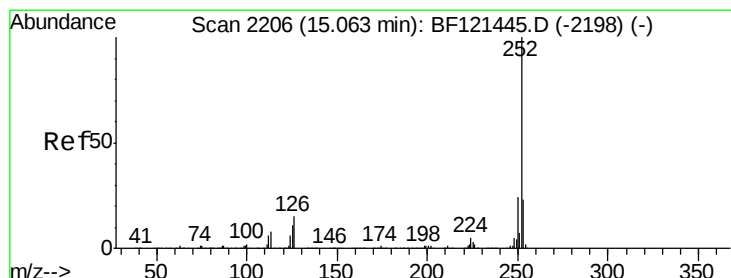
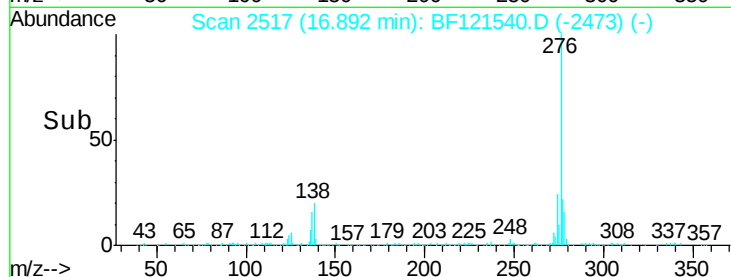
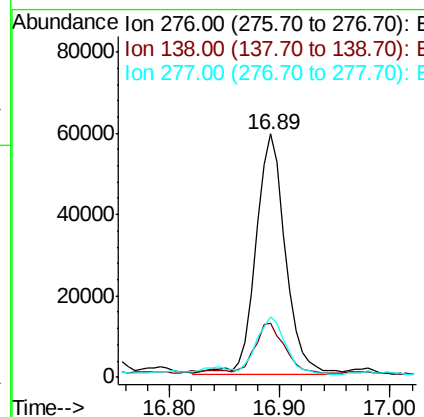
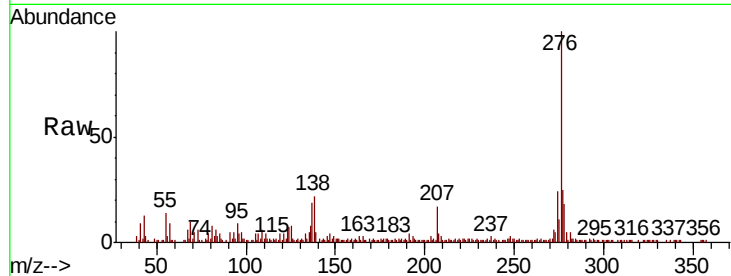
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.345 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. -0.04 min
 Lab File: BF121540.D
 Acq: 9 Sep 2020 00:37

Instrument :
 BNA_F
 ClientSampleId :
 BKG-3-(0.0-0.5)

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	20.7	31.1
277	23.3	20.4	30.6

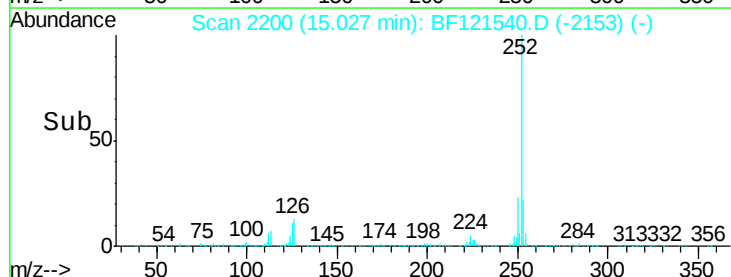
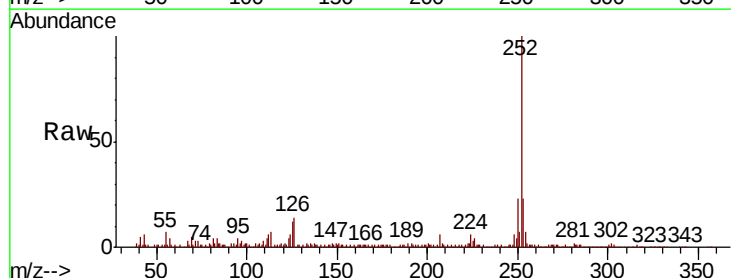
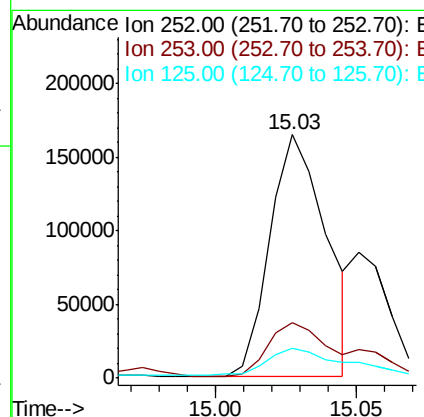
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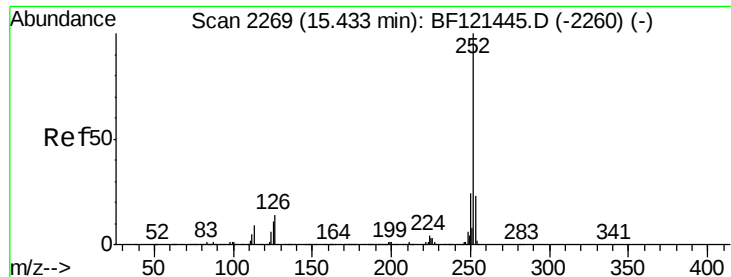
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 9/9/2020 3:49:43 PM



#88
 Benzo(b)fluoranthene
 Concen: 4.529 ng m
 RT: 15.03 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BF121540.D
 Acq: 9 Sep 2020 00:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	12.2	8.2	12.2#





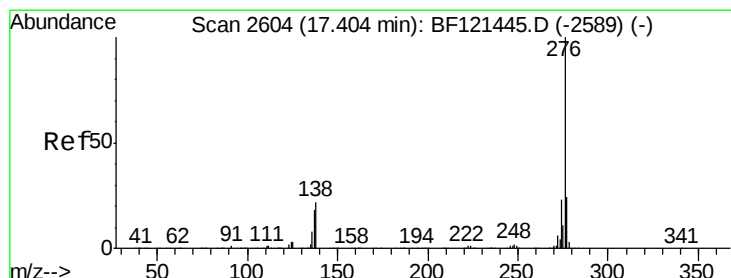
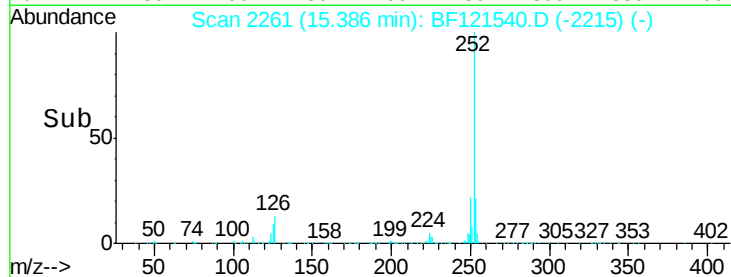
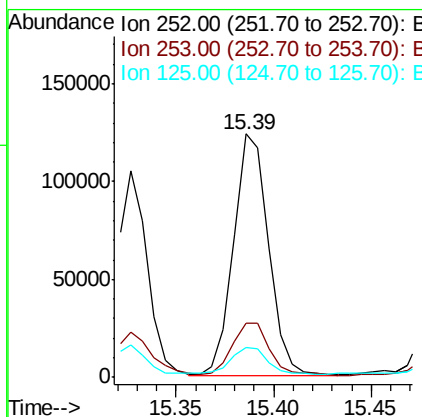
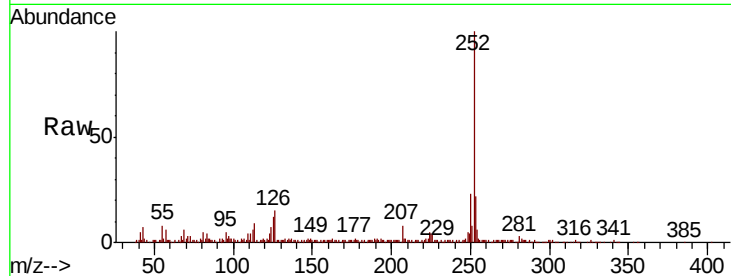
#90
Benzo(a)pyrene
Concen: 3.386 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.03 min
Lab File: BF121540.D
Acq: 9 Sep 2020 00:37

Instrument :
BNA_F
ClientSampleId :
BKG-3-(0.0-0.5)

Tot Ion:	252	Resp:	154167
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.4	27.6
125	12.3	8.8	13.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.892 ng
RT: 17.33 min Scan# 2591
Delta R.T. -0.05 min
Lab File: BF121540.D
Acq: 9 Sep 2020 00:37

Tgt Ion:	276	Resp:	109239
Ion Ratio	Lower	Upper	
276	100		
277	23.0	19.3	28.9
138	21.5	17.8	26.6

