

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
 Data File : BF118776.D
 Acq On : 31 Jan 2020 12:39
 Operator : CG/JU
 Sample : L1318-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAINEY-PARK-BH-04-B

Manual Integrations
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Quant Time: Jan 31 22:24:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	279810	20.00	ng	-0.04
21) Naphthalene-d8	8.11	136	1078929	20.00	ng	-0.04
39) Acenaphthene-d10	9.86	164	619163	20.00	ng	-0.04
64) Phenanthrene-d10	11.35	188	1161626	20.00	ng	-0.04
76) Chrysene-d12	13.99	240	748461	20.00	ng	-0.04
87) Perylene-d12	15.44	264	627970	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1633090	108.40	ng	-0.03
7) Phenol-d6	6.46	99	2043231	104.34	ng	-0.04
23) Nitrobenzene-d5	7.39	82	1344731	69.71	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	813520	113.60	ng	-0.04
45) 2-Fluorobiphenyl	9.19	172	2558599	67.92	ng	-0.04
79) Terphenyl-d14	12.93	244	3000001	87.42	ng	-0.03
Target Compounds						
50) Dimethylphthalate	9.57	163	189333	4.694	ng	99
71) Phenanthrene	11.37	178	194900	3.478	ng	95
75) Fluoranthene	12.56	202	334924	5.666	ng	97
78) Pyrene	12.79	202	297652	5.858	ng	96
81) Benzo(a)anthracene	13.97	228	119593	2.656	ng	100
83) Chrysene	14.01	228	123704	2.867	ng	97
84) Bis(2-ethylhexyl)phthalate	13.97	149	77047	3.032	ng	98
88) Benzo(b)fluoranthene	15.02	252	130074m	3.295	ng	
90) Benzo(a)pyrene	15.37	252	80334	2.359	ng	# 98
92) Benzo(g,h,i)perylene	17.30	276	61116	2.090	ng	98

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

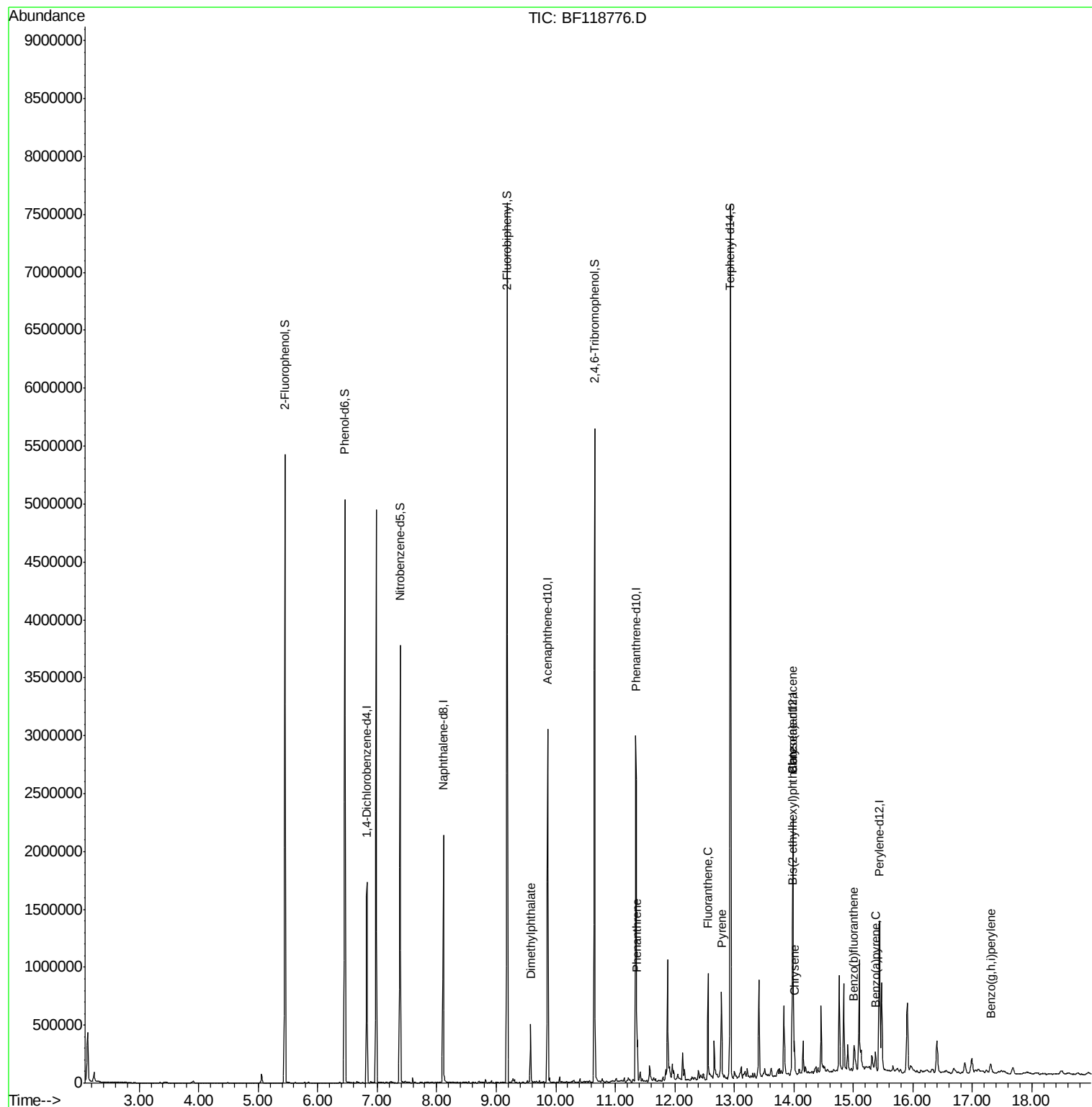
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118776.D
Acq On : 31 Jan 2020 12:39
Operator : CG/JU
Sample : L1318-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

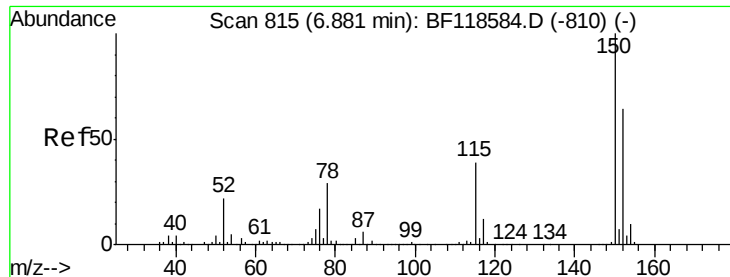
Instrument :
BNA_F
ClientSampleId :
RAINEY-PARK-BH-04-B

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

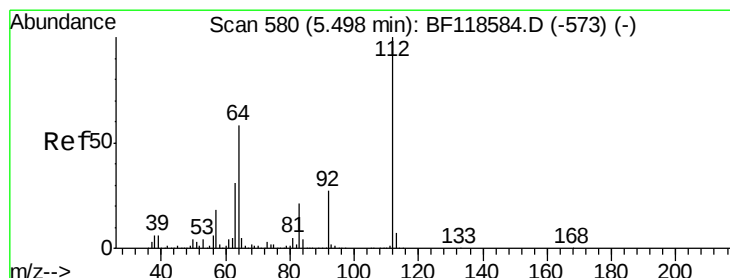
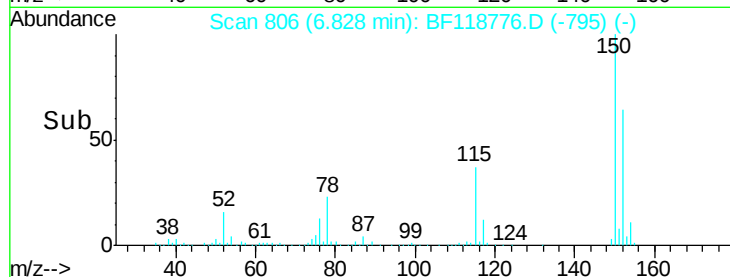
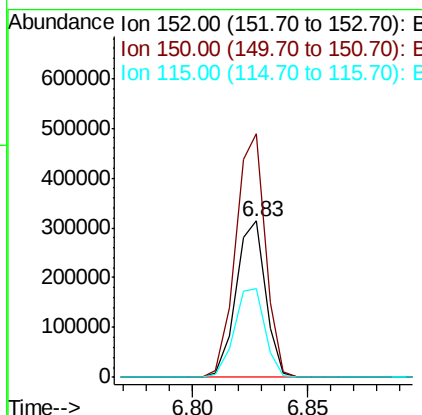
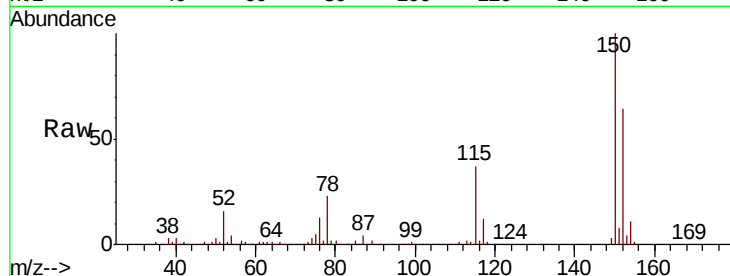
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.04 min
Lab File: BF118776.D
Acq: 31 Jan 2020 12:39

Instrument :
BNA_F
ClientSampleId :
RAINEY-PARK-BH-04-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.7	185.5
115	56.9	45.1	67.7

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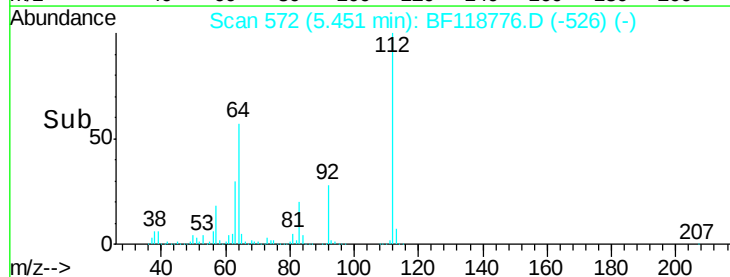
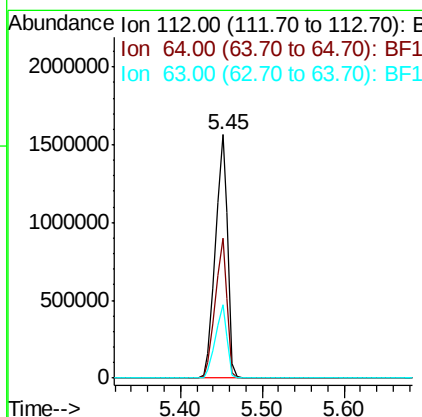
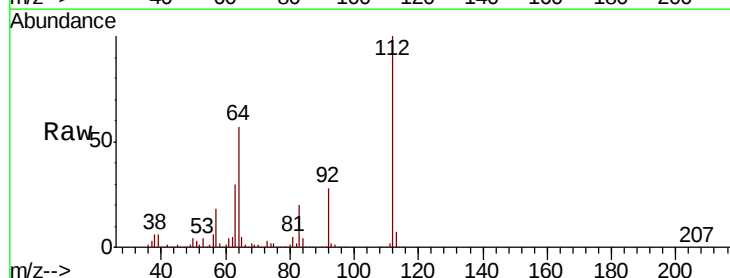
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#5

2-Fluorophenol
Concen: 108.397 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF118776.D
Acq: 31 Jan 2020 12:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	42.4	63.6
63	30.3	21.7	32.5





#7

Phenol-d6

Concen: 104.344 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF118776.D

Acq: 31 Jan 2020 12:39

Instrument :

BNA_F

ClientSampleId :

RAINEY-PARK-BH-04-B

Tot Ion: 99 Resp: 2043231

Ion Ratio Lower Upper

99 100

42 17.5 13.1 19.7

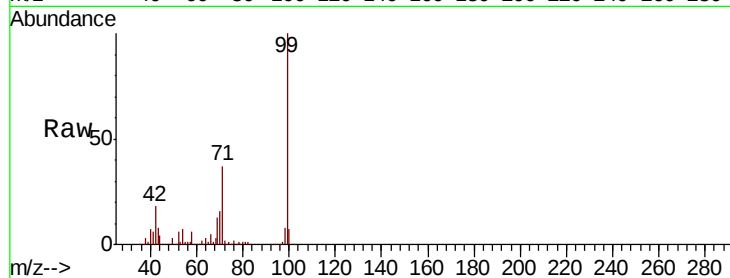
71 37.3 28.4 42.6

Manual Integrations

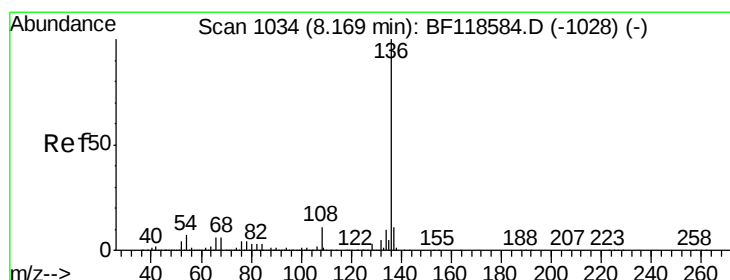
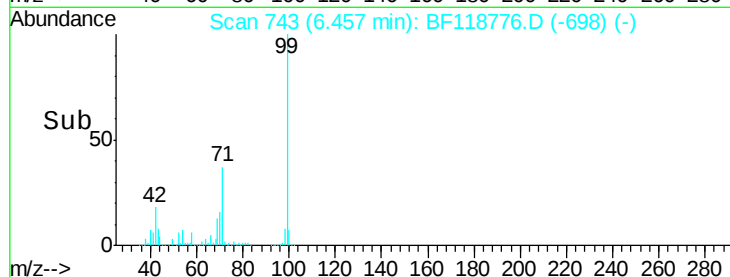
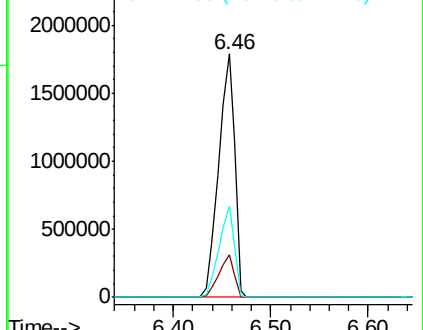
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.04 min

Lab File: BF118776.D

Acq: 31 Jan 2020 12:39

Tgt Ion: 136 Resp: 1078929

Ion Ratio Lower Upper

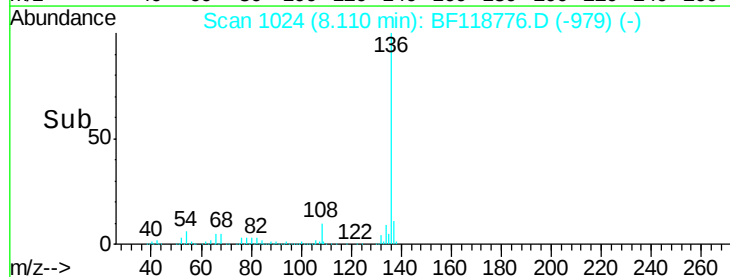
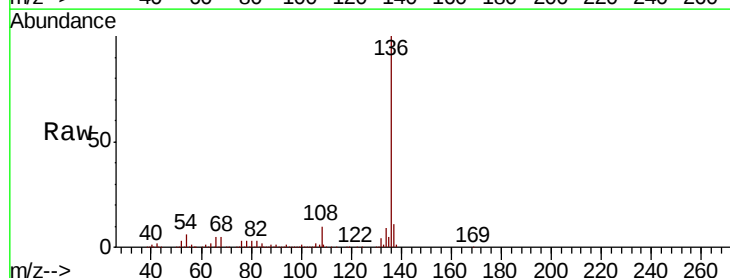
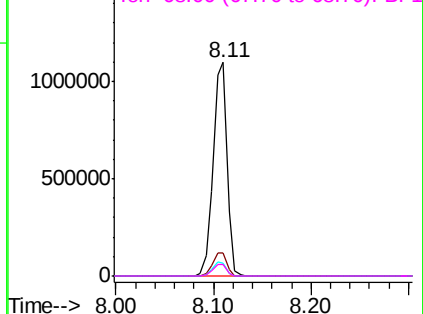
136 100

137 11.0 8.9 13.3

54 6.3 5.1 7.7

68 5.5 4.3 6.5

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: 69.714 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.04 min

Lab File: BF118776.D

Acq: 31 Jan 2020 12:39

Instrument :

BNA_F

ClientSampleId :

RAINEY-PARK-BH-04-B

Tot Ion: 82 Resp: 1344731

Ion Ratio Lower Upper

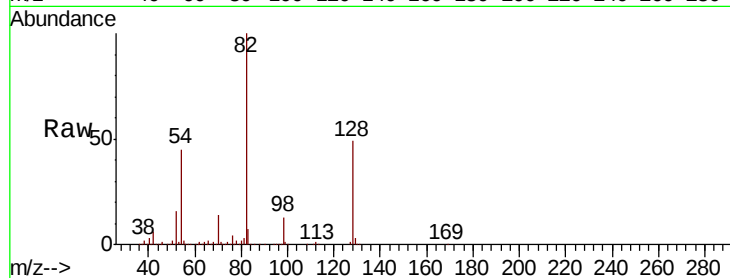
82 100

128 49.2 38.2 57.2

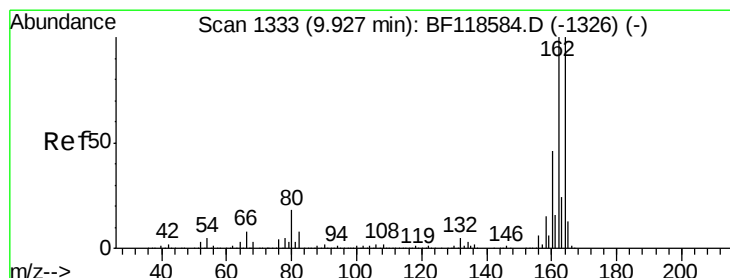
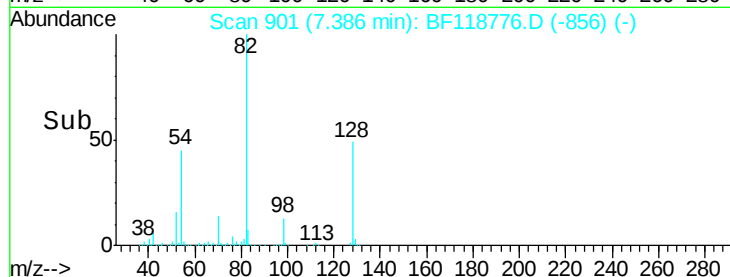
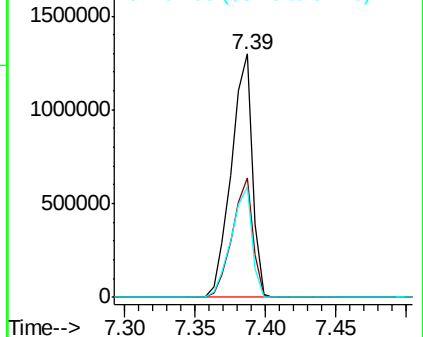
54 45.3 36.1 54.1

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.04 min

Lab File: BF118776.D

Acq: 31 Jan 2020 12:39

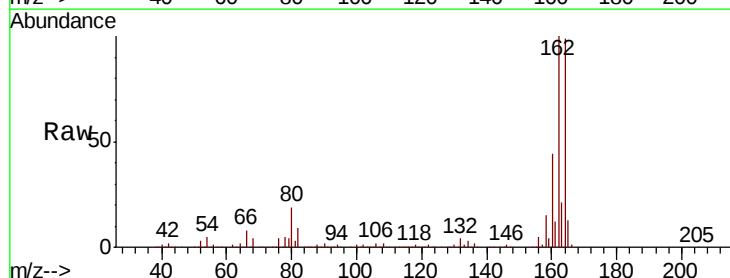
Tgt Ion:164 Resp: 619163

Ion Ratio Lower Upper

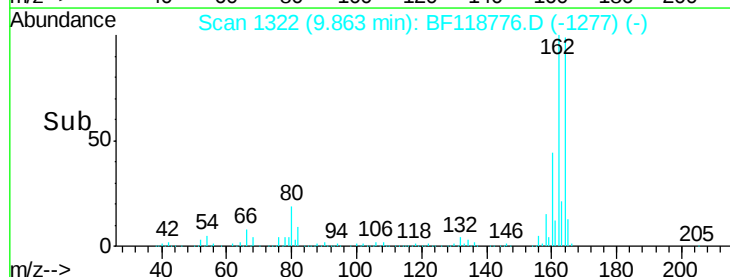
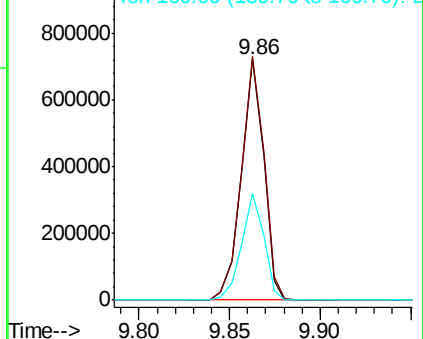
164 100

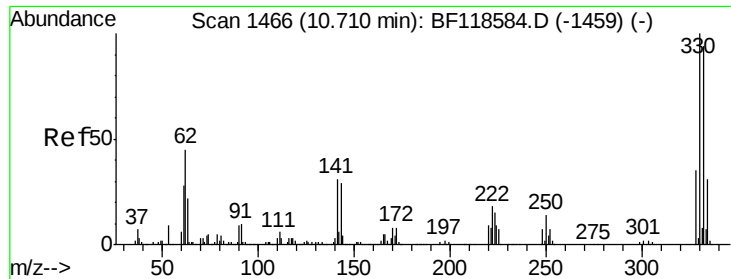
162 101.2 80.8 121.2

160 44.4 35.4 53.0



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





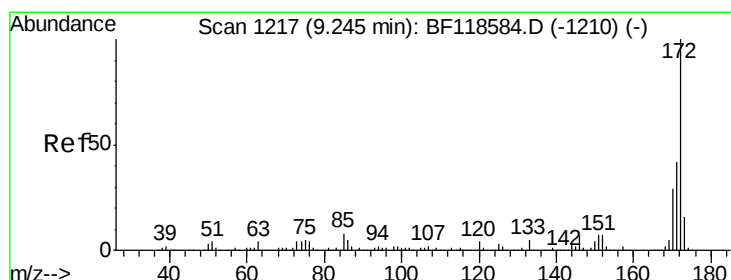
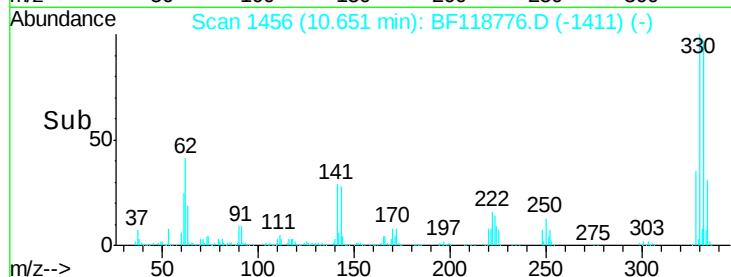
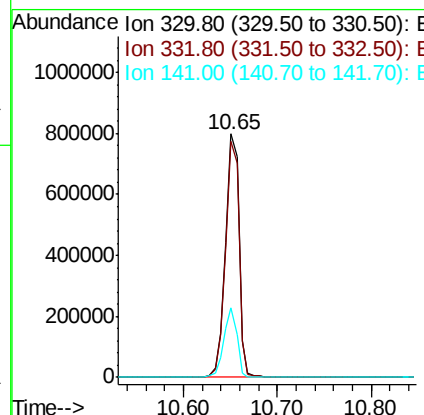
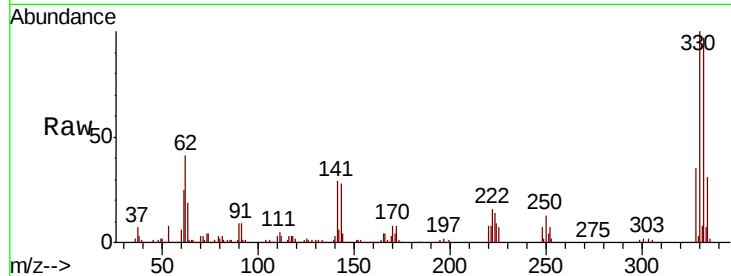
#42
 2,4,6-Tribromophenol
 Concen: 113.598 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.04 min
 Lab File: BF118776.D
 Acq: 31 Jan 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 RAINEY-PARK-BH-04-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	27.5	22.2	33.2

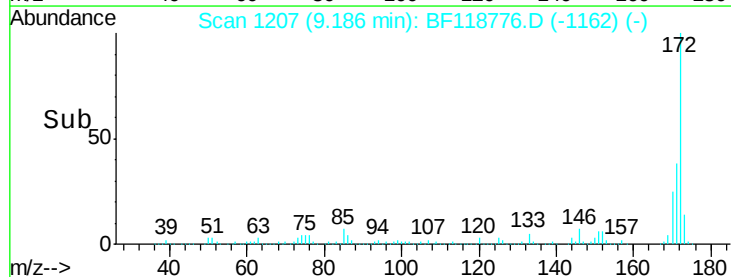
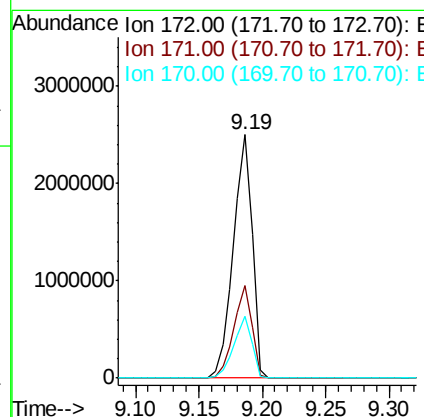
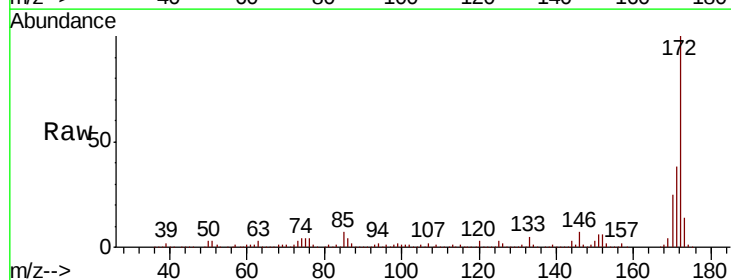
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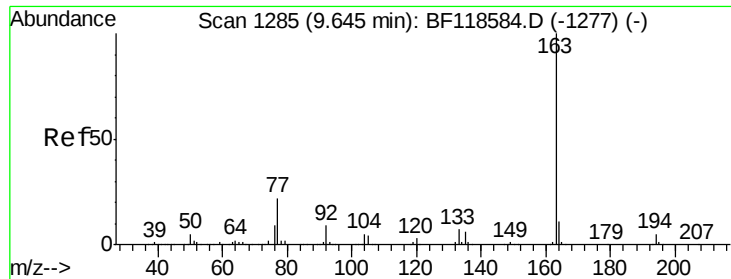
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#45
 2-Fluorobiphenyl
 Concen: 67.920 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.04 min
 Lab File: BF118776.D
 Acq: 31 Jan 2020 12:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	25.2	20.7	31.1





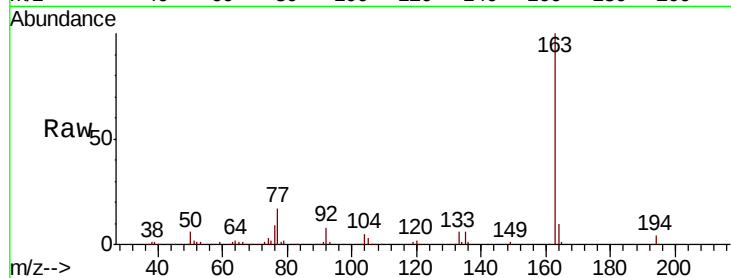
#50
Dimethylphthalate
Concen: 4.694 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.05 min
Lab File: BF118776.D
Acq: 31 Jan 2020 12:39

Instrument :
BNA_F
ClientSampleId :
RAINEY-PARK-BH-04-B

Tot Ion	Ratio	Resp	Lower	Upper
163	100	189333		
194	4.1		3.7	5.5
164	9.7		8.2	12.2

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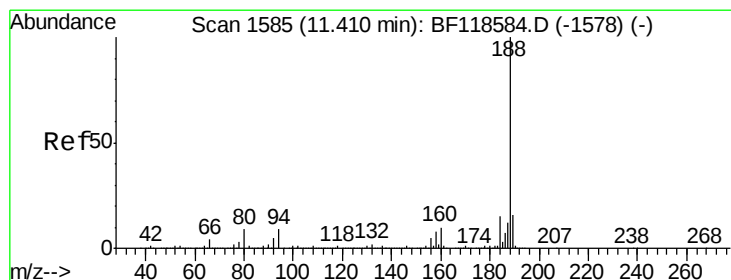
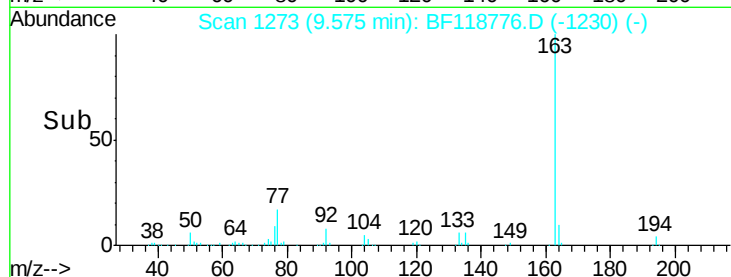
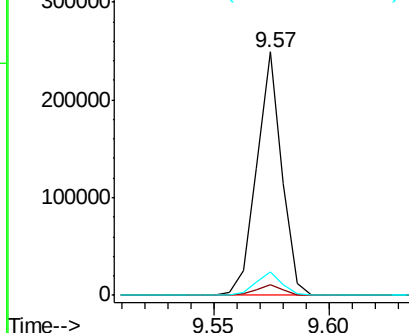


Abundance

Ion 163.00 (162.70 to 163.70): E

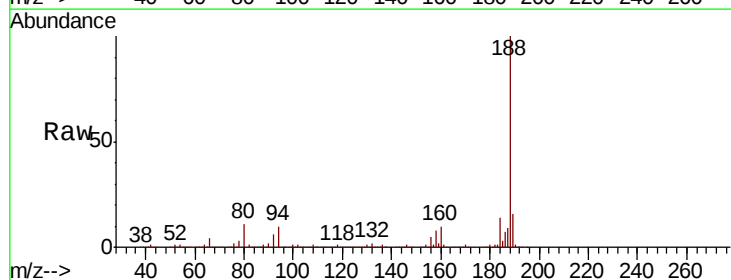
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.04 min
Lab File: BF118776.D
Acq: 31 Jan 2020 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1161626		
94	9.9		7.4	11.2
80	10.7		7.8	11.8

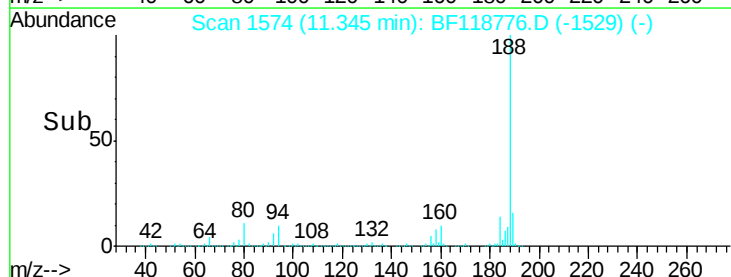
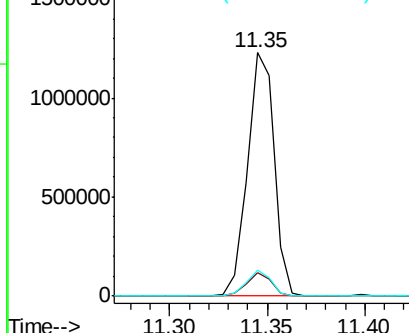


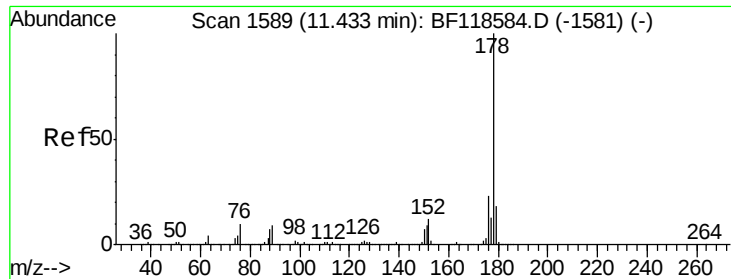
Abundance

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





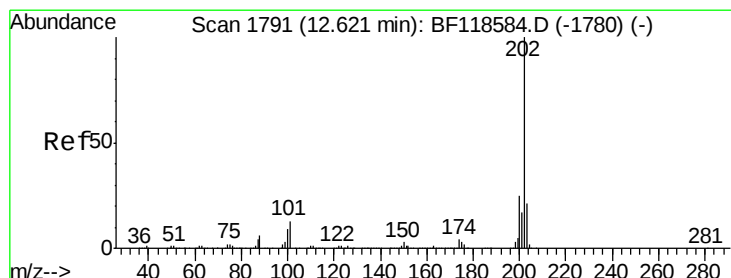
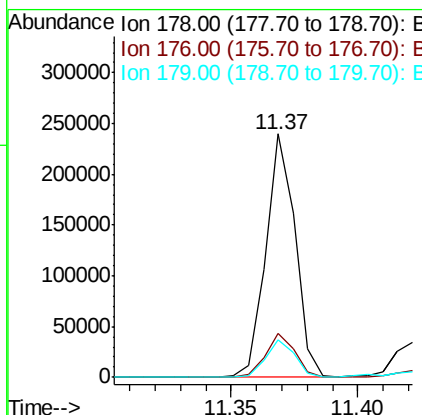
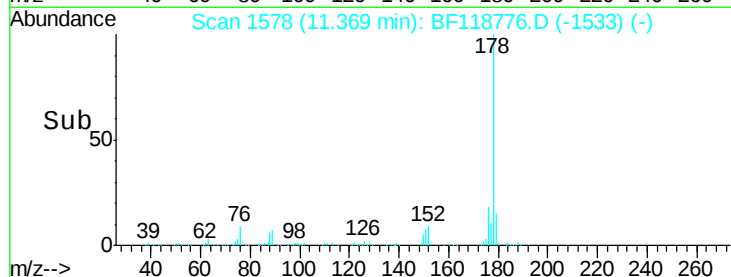
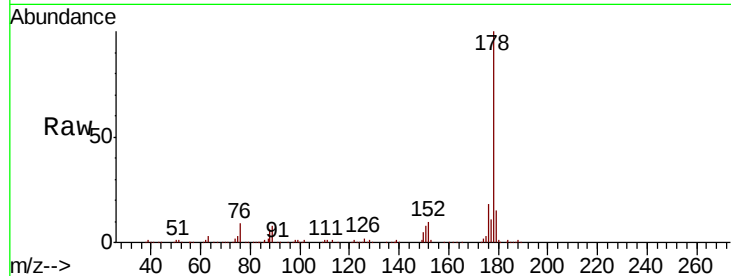
#71
Phenanthrene
Concen: 3.478 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.04 min
Lab File: BF118776.D
Acq: 31 Jan 2020 12:39

Instrument :
BNA_F
ClientSampleId :
RAINEY-PARK-BH-04-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.5	24.7
179	15.2	13.3	19.9

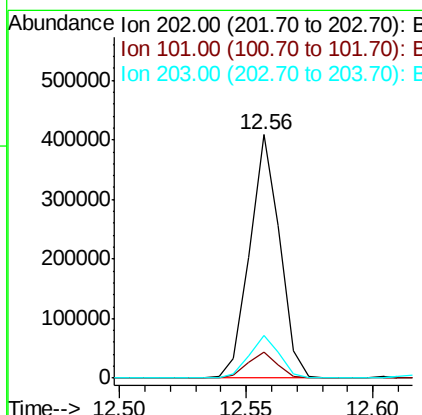
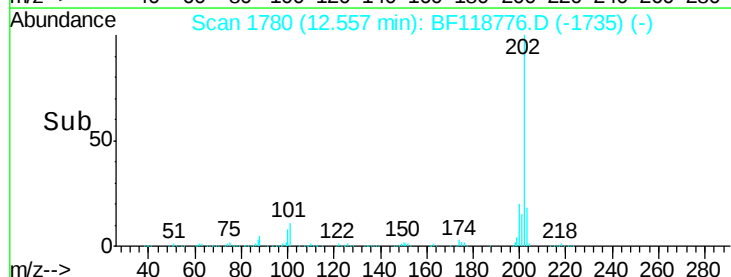
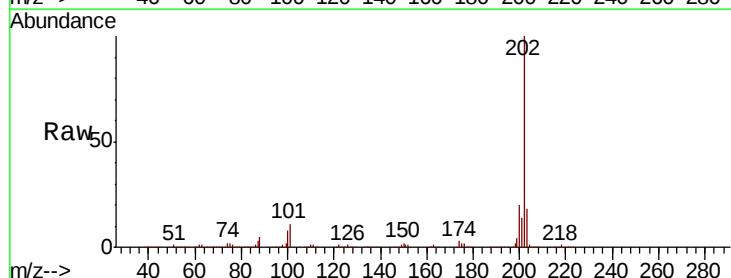
Manual Integrations
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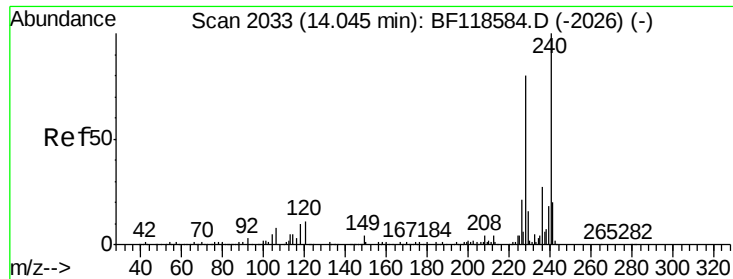
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#75
Fluoranthene
Concen: 5.666 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.04 min
Lab File: BF118776.D
Acq: 31 Jan 2020 12:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	32.1
203	17.6	0.0	38.9





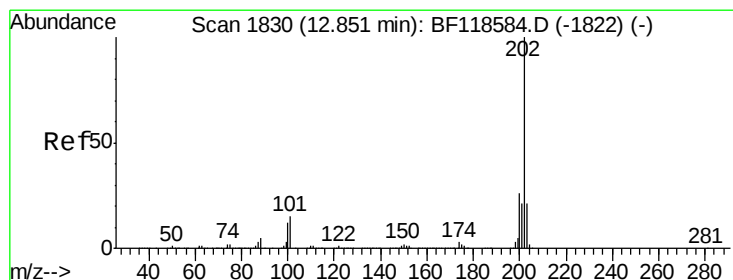
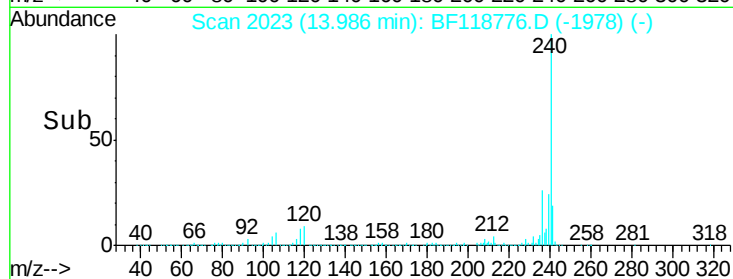
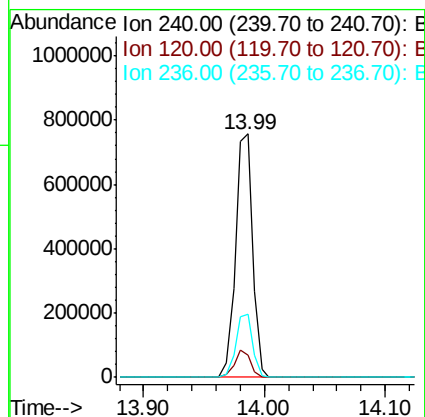
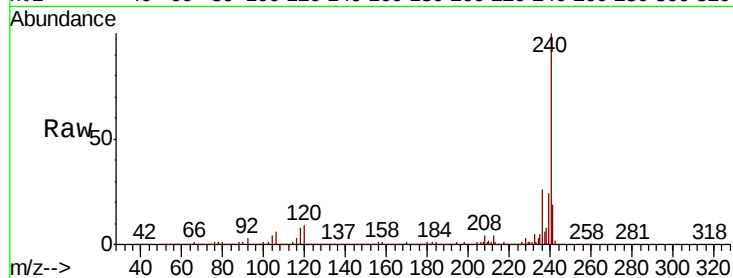
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2033
Delta R.T. -0.04 min
Lab File: BF118776.D
Acq: 31 Jan 2020 12:39

Instrument :
BNA_F
ClientSampleId :
RAINEY-PARK-BH-04-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.6	11.4
236	25.9	21.0	31.4

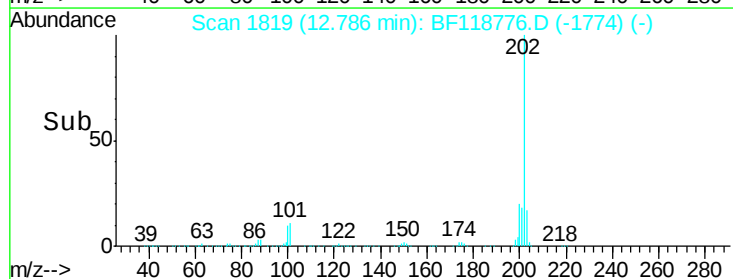
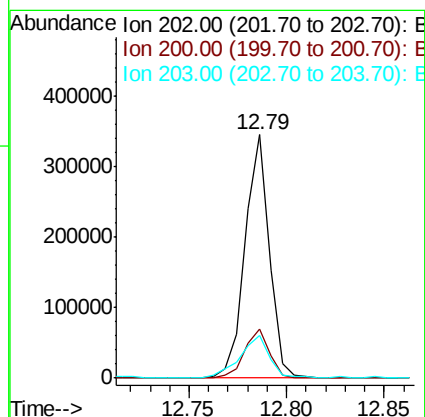
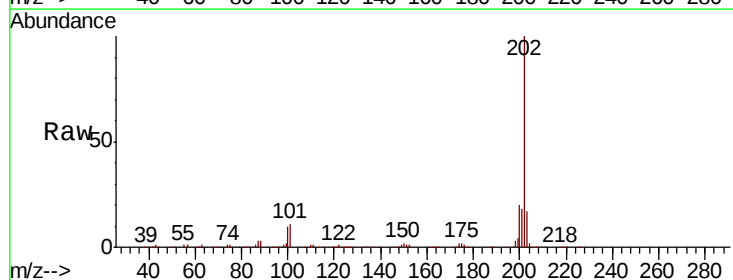
Manual Integrations
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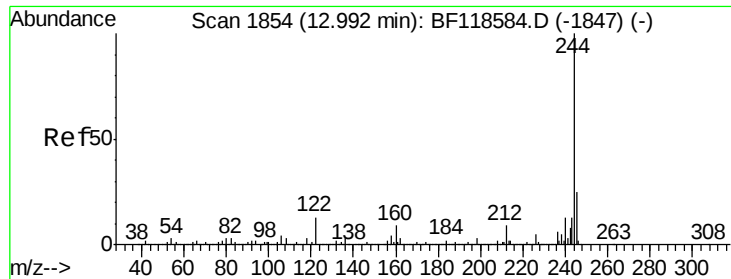
mohammad
2/3/2020 4:10:14 PM



#78
Pyrene
Concen: 5.858 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.04 min
Lab File: BF118776.D
Acq: 31 Jan 2020 12:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	18.1	27.1
203	17.5	15.2	22.8





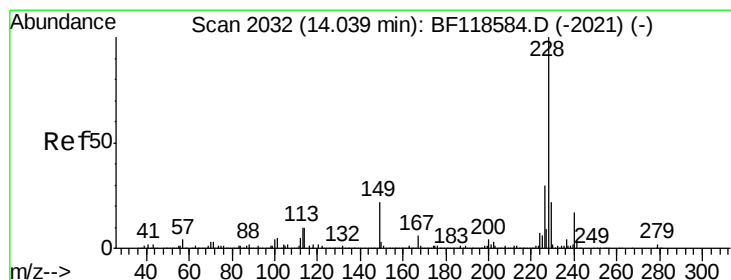
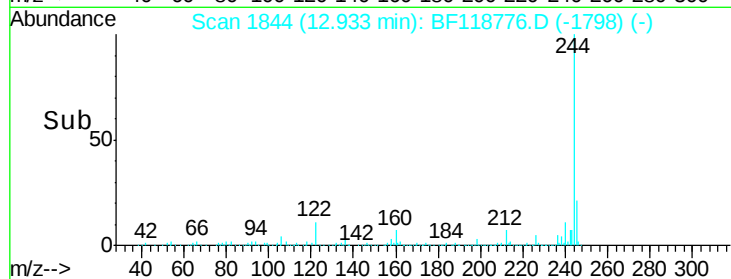
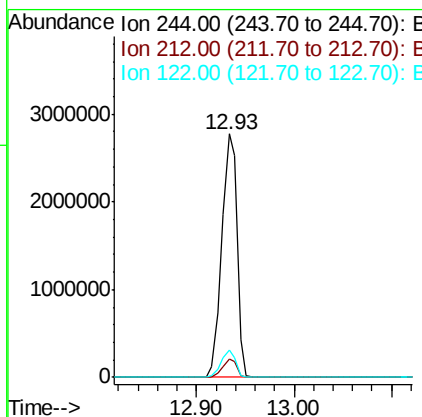
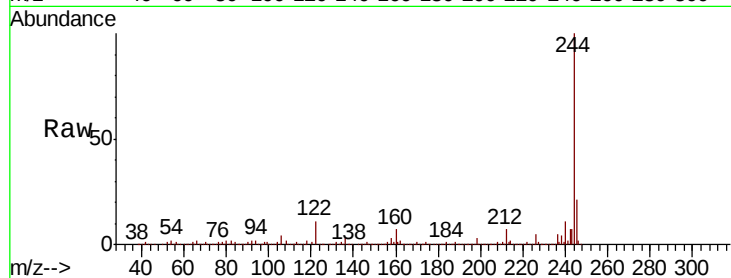
#79
 Terphenyl-d14
 Concen: 87.423 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.03 min
 Lab File: BF118776.D
 Acq: 31 Jan 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 RAINEY-PARK-BH-04-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	11.2	9.2	13.8

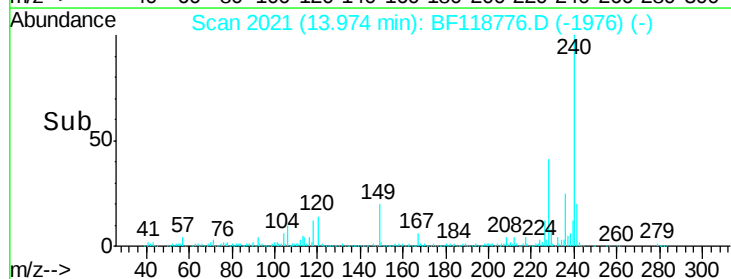
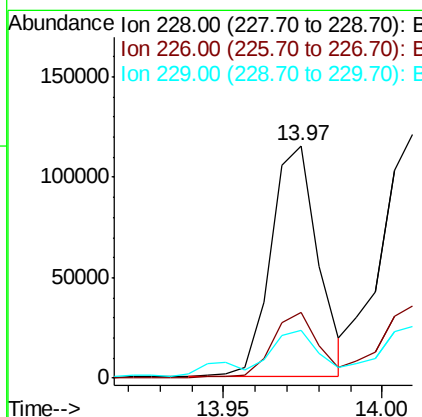
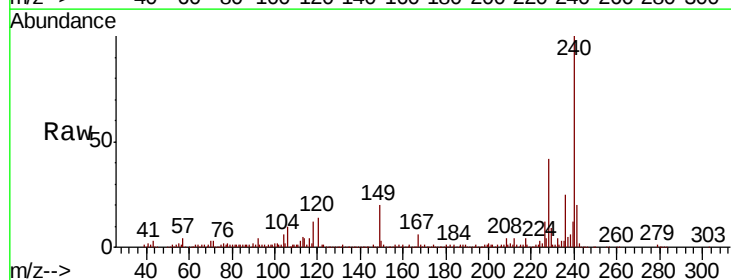
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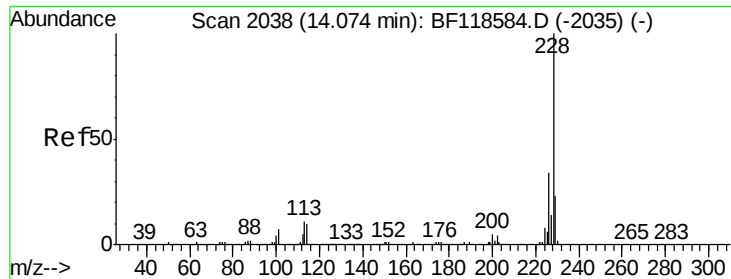
mohammad
 2/3/2020 4:10:14 PM



#81
 Benzo(a)anthracene
 Concen: 2.656 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.04 min
 Lab File: BF118776.D
 Acq: 31 Jan 2020 12:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	34.0
229	20.6	16.6	25.0





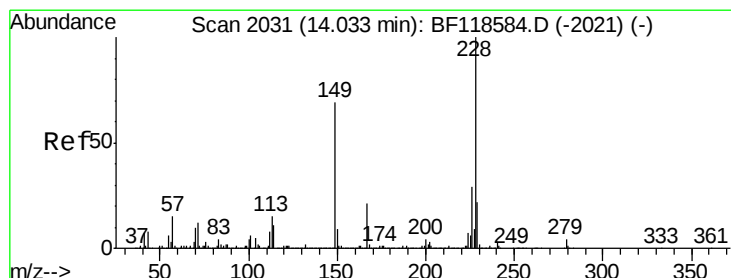
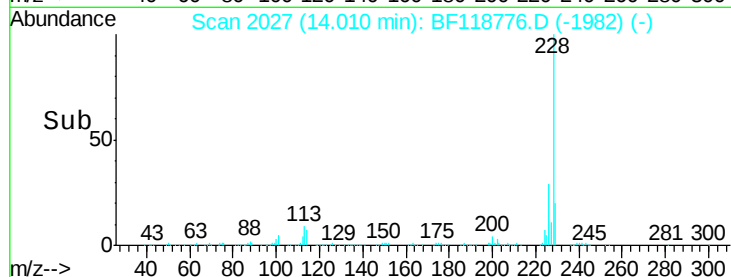
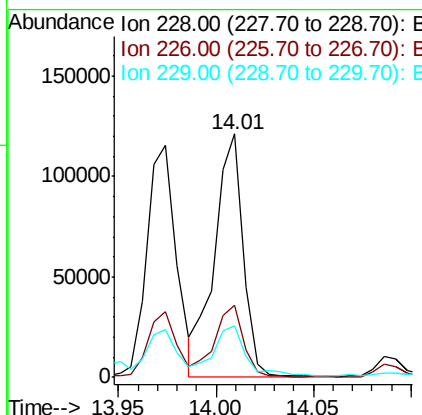
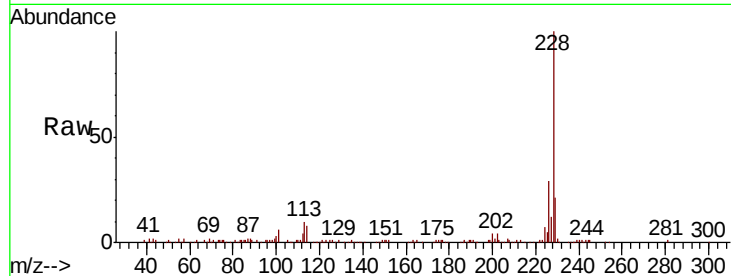
#83
 Chrysene
 Concen: 2.867 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.04 min
 Lab File: BF118776.D
 Acq: 31 Jan 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 RAINEY-PARK-BH-04-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.6	38.4
229	21.3	17.1	25.7

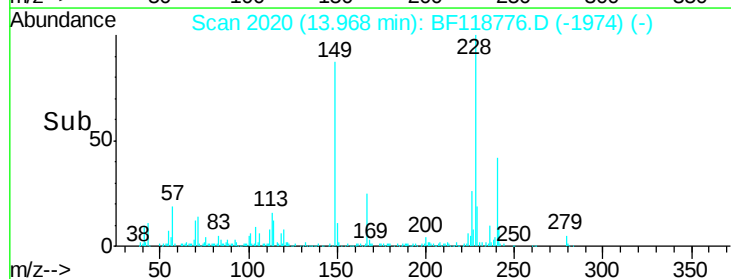
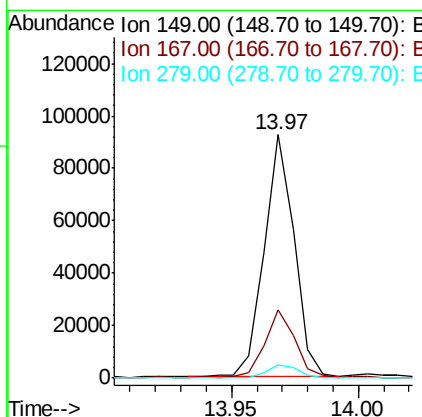
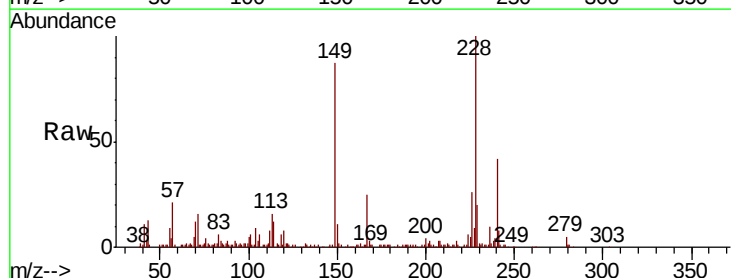
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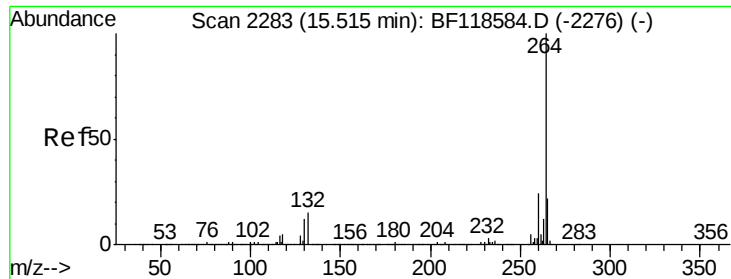
mohammad
 2/3/2020 4:10:14 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.032 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.03 min
 Lab File: BF118776.D
 Acq: 31 Jan 2020 12:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.6	35.4
279	5.3	4.5	6.7





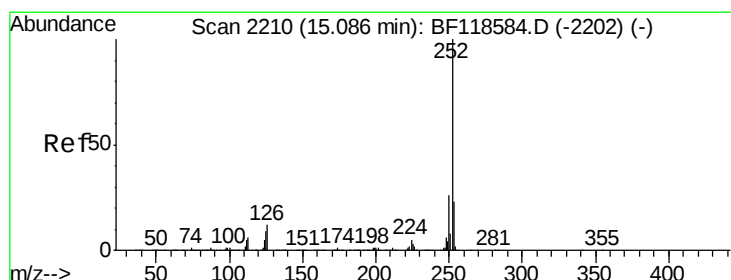
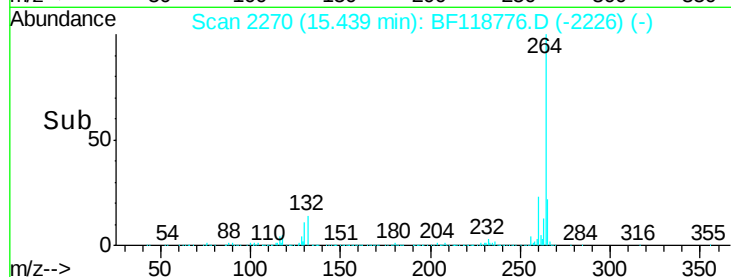
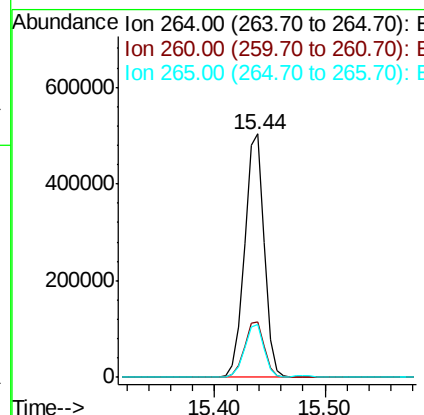
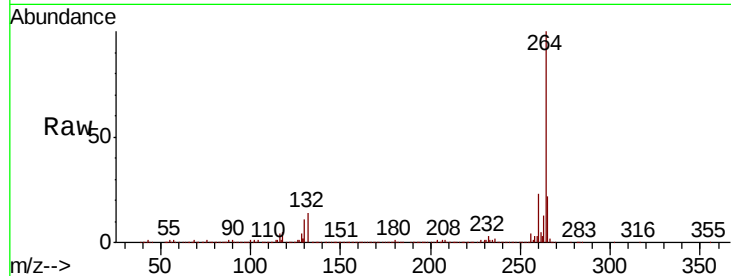
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF118776.D
Acq: 31 Jan 2020 12:39

Instrument :
BNA_F
ClientSampleId :
RAINEY-PARK-BH-04-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	28.0
265	21.6	17.0	25.6

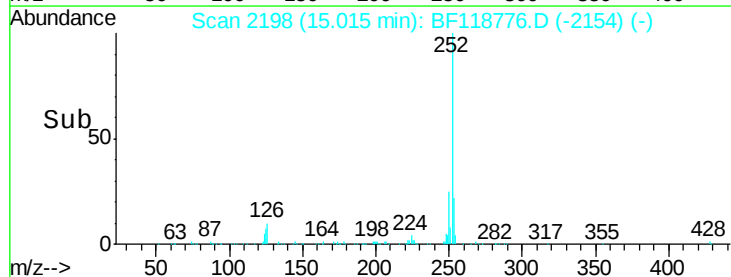
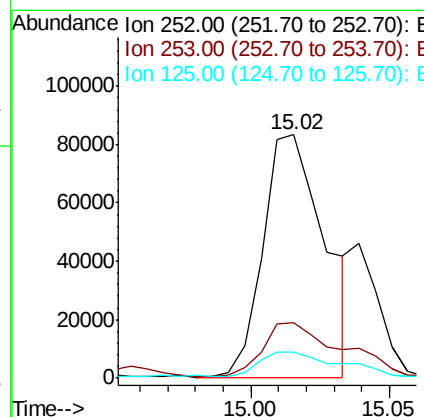
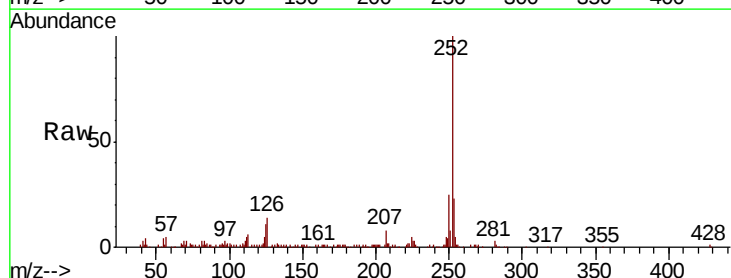
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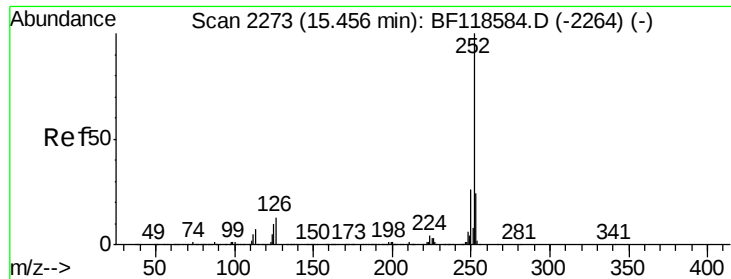
mohammad
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#88
Benzo(b)fluoranthene
Concen: 3.295 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BF118776.D
Acq: 31 Jan 2020 12:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	10.5	7.7	11.5





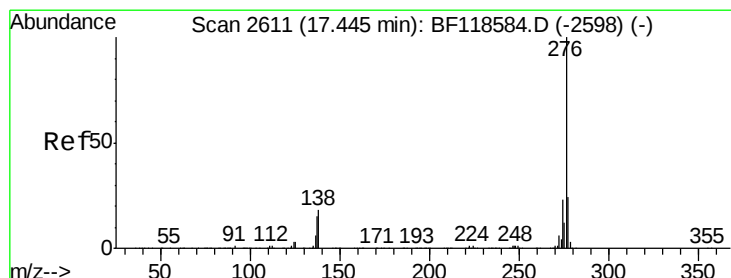
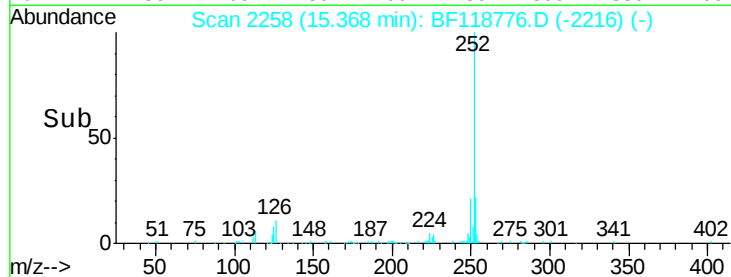
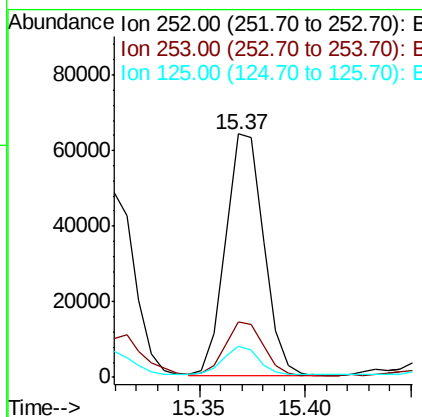
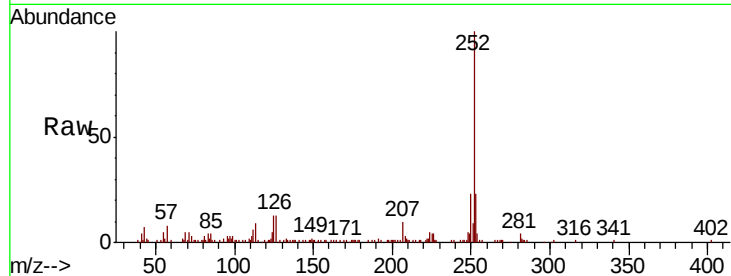
#90
Benzo(a)pyrene
Concen: 2.359 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.05 min
Lab File: BF118776.D
Acq: 31 Jan 2020 12:39

Instrument :
BNA_F
ClientSampleId :
RAINEY-PARK-BH-04-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	12.8	8.3	12.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.090 ng
RT: 17.30 min Scan# 2587
Delta R.T. -0.09 min
Lab File: BF118776.D
Acq: 31 Jan 2020 12:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.0	28.6
138	21.0	15.4	23.2

