

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119980.D
 Acq On : 15 Apr 2020 4:03
 Operator : MA/SJ
 Sample : L2197-02 10X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FUEL-LANE-SEDIMENT-PIT

Quant Time: Apr 15 05:02:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

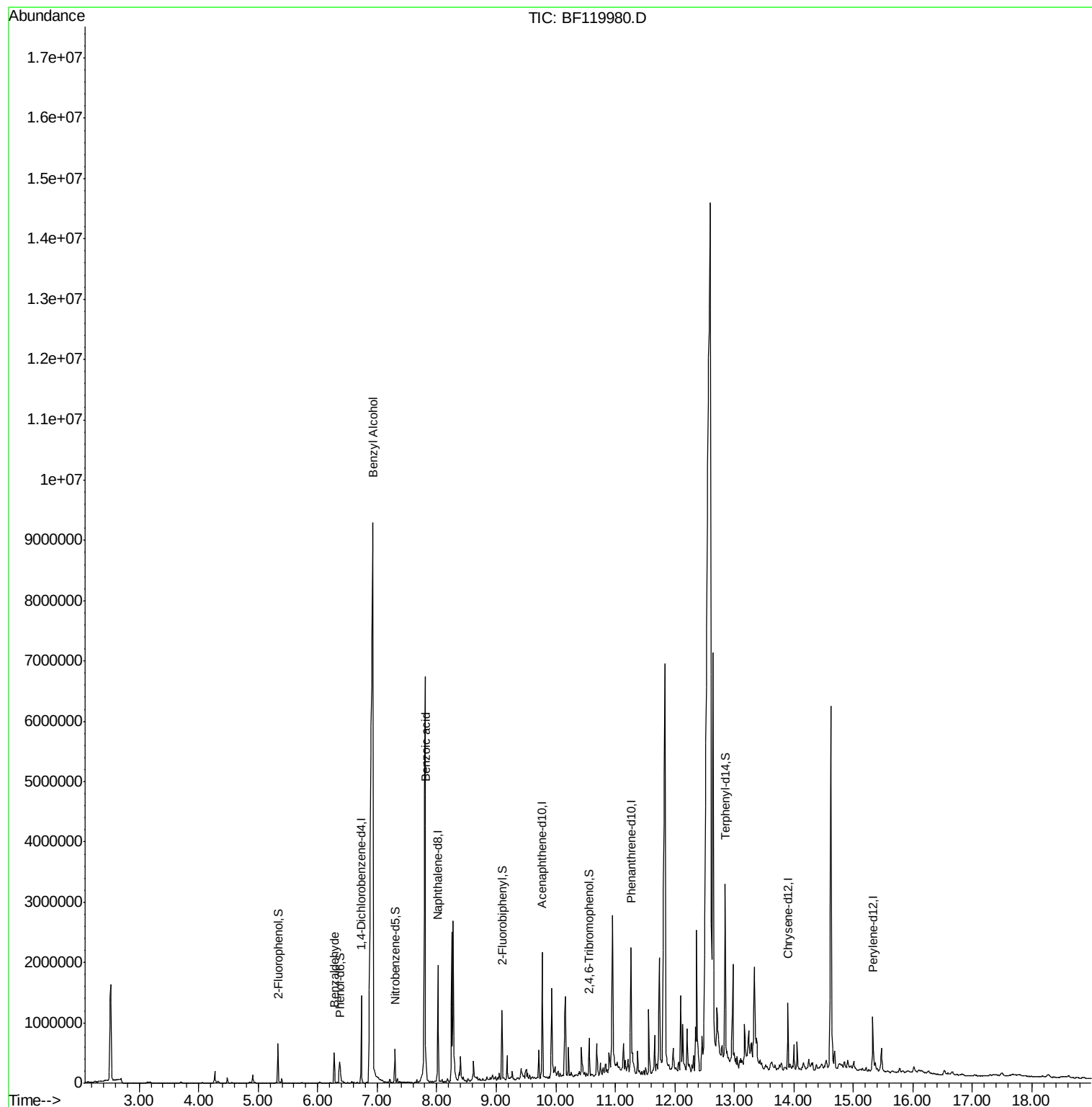
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	199875	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	761836	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	378861	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	678597	20.00	ng	0.00
76) Chrysene-d12	13.90	240	400166	20.00	ng	-0.01
87) Perylene-d12	15.33	264	359782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	179612	15.53	ng	0.00
7) Phenol-d6	6.37	99	210189	14.10	ng	0.00
23) Nitrobenzene-d5	7.30	82	147618	10.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	60369	13.01	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	304011	11.39	ng	0.00
79) Terphenyl-d14	12.85	244	267036	11.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.28	77	87564	5.570	ng	97
15) Benzyl Alcohol	6.93	79	5435785	469.611	ng	99
32) Benzoic acid	7.82	122	299563	30.558	ng	98

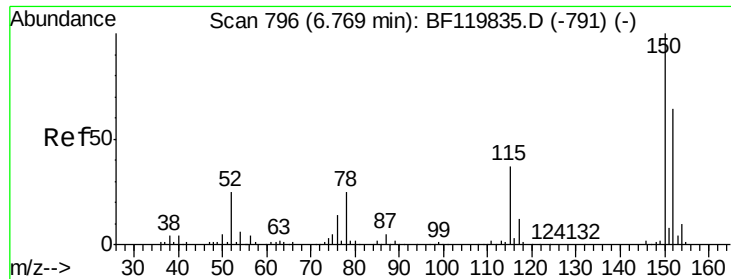
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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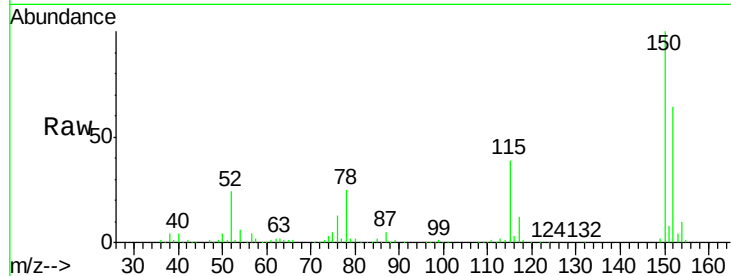


#1

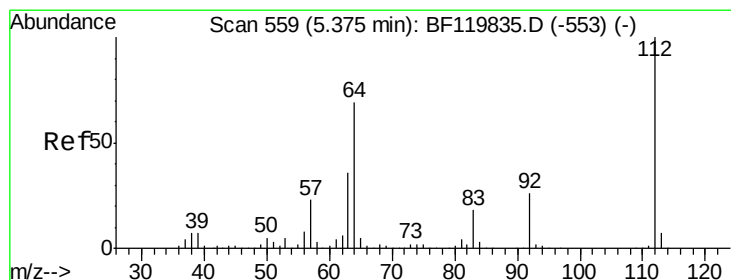
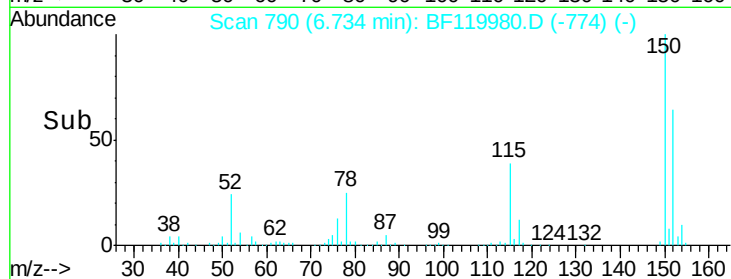
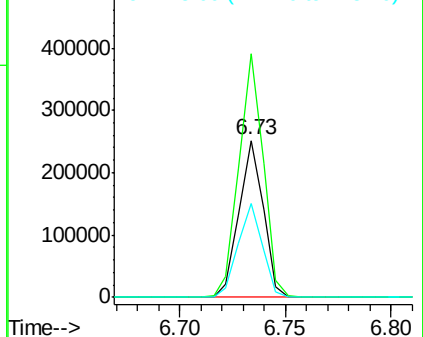
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119980.D
 Acq: 15 Apr 2020 4:03

Instrument :
 BNA_F
 ClientSampleId :
 FUEL-LANE-SEDIMENT-PIT

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.8	187.2
115	59.8	46.5	69.7



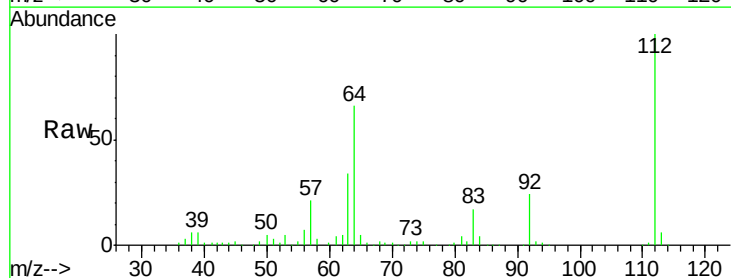
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



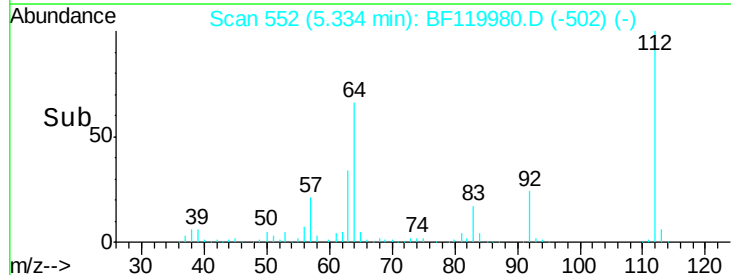
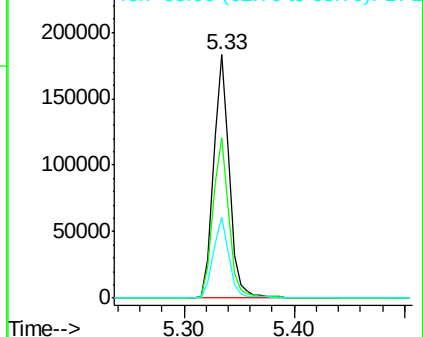
#5

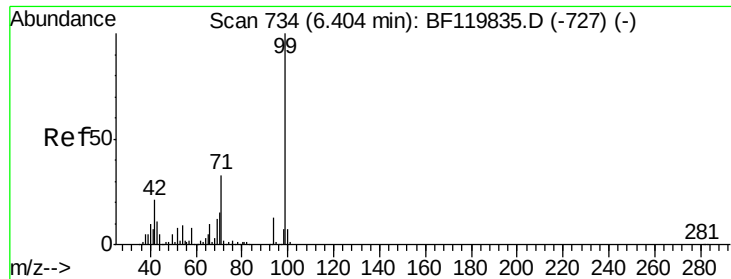
2-Fluorophenol
 Concen: 15.530 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF119980.D
 Acq: 15 Apr 2020 4:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	55.5	83.3
63	33.5	29.1	43.7



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: 14.104 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119980.D

Acq: 15 Apr 2020 4:03

Instrument :

BNA_F

ClientSampleId :

FUEL-LANE-SEDIMENT-PIT

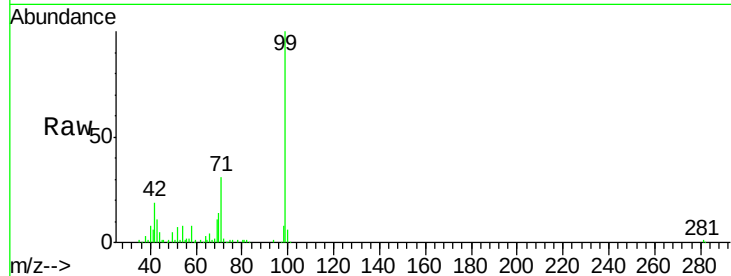
Tot Ion: 99 Resp: 210189

Ion Ratio Lower Upper

99 100

42 19.1 16.9 25.3

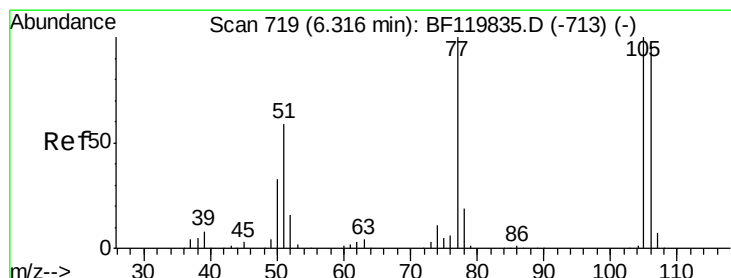
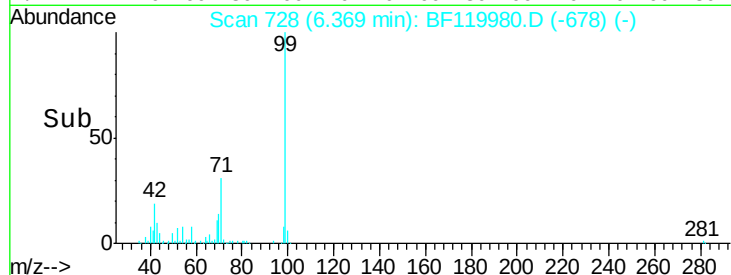
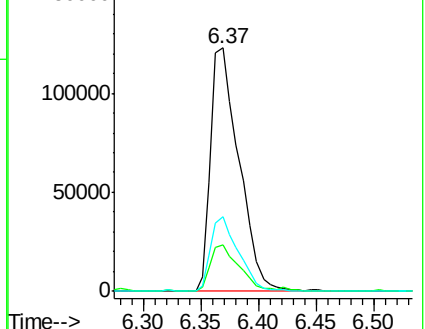
71 30.6 26.3 39.5



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



#9

Benzaldehyde

Concen: 5.570 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF119980.D

Acq: 15 Apr 2020 4:03

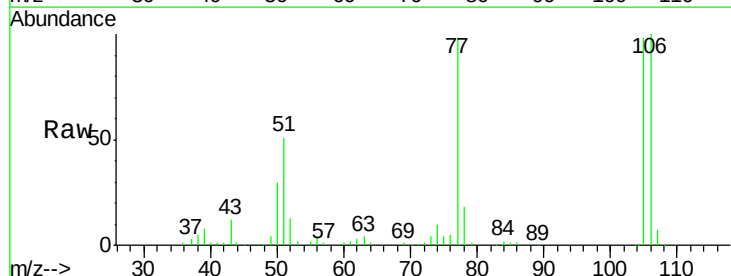
Tgt Ion: 77 Resp: 87564

Ion Ratio Lower Upper

77 100

105 100.5 79.9 119.9

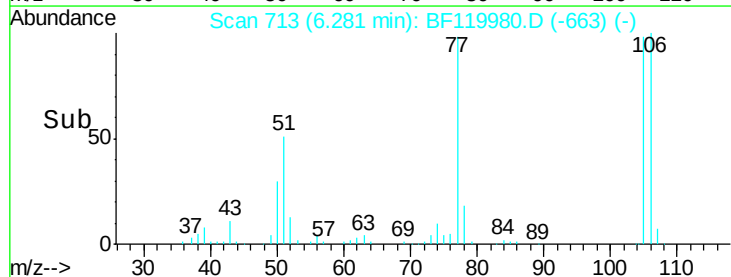
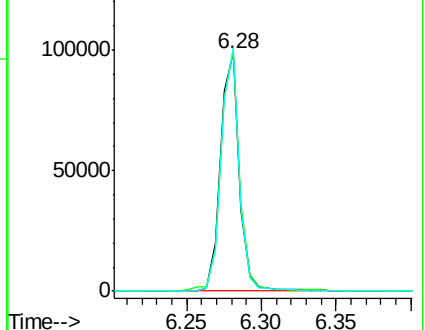
106 102.3 76.4 116.4

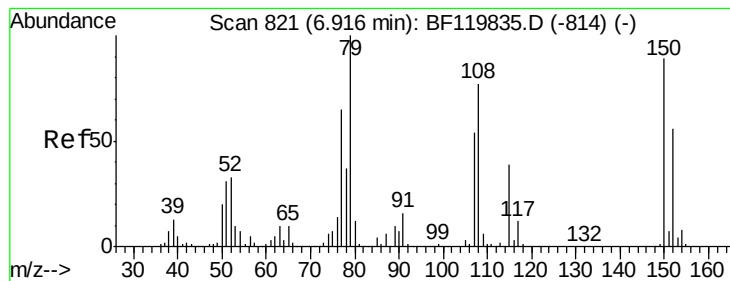


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#15

Benzyl Alcohol

Concen: 469.611 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.04 min

Lab File: BF119980.D

Acq: 15 Apr 2020 4:03

Instrument :

BNA_F

ClientSampleId :

FUEL-LANE-SEDIMENT-PIT

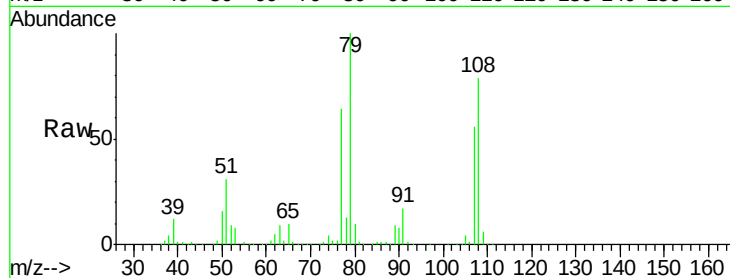
Tot Ion: 79 Resp: 5435785

Ion Ratio Lower Upper

79 100

108 78.6 62.0 93.0

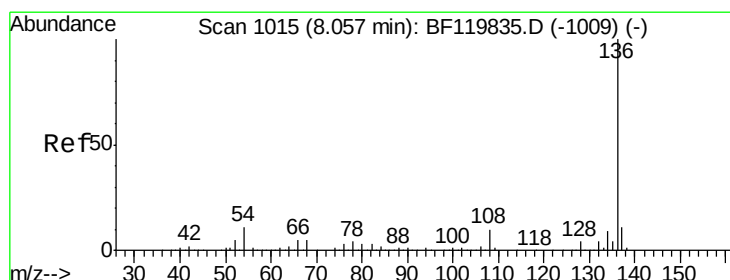
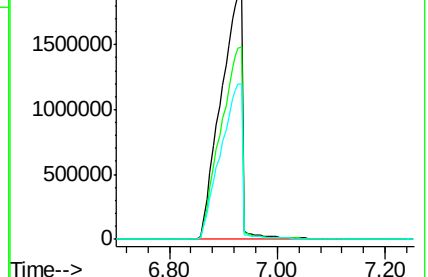
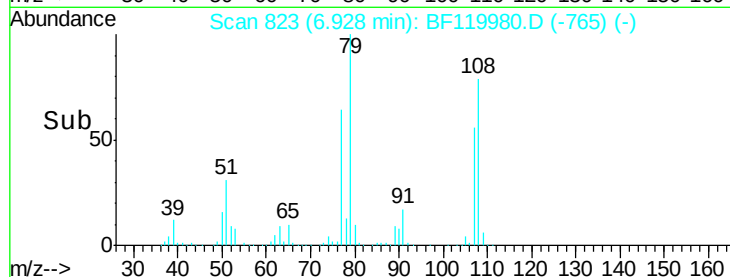
77 63.9 51.8 77.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119980.D

Acq: 15 Apr 2020 4:03

Tgt Ion: 136 Resp: 761836

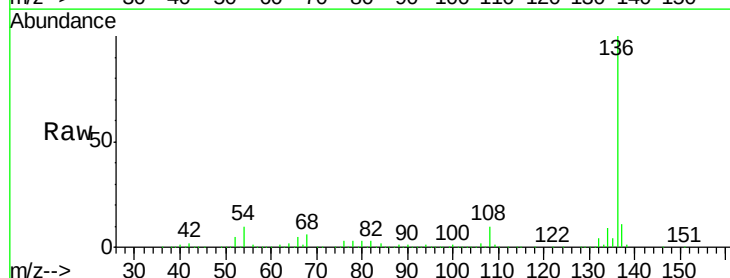
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.1 8.5 12.7

68 5.8 3.9 5.9

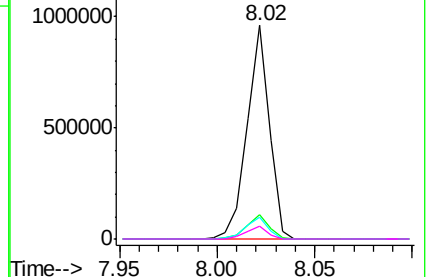
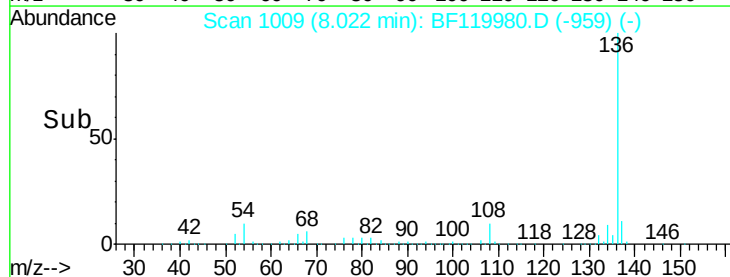


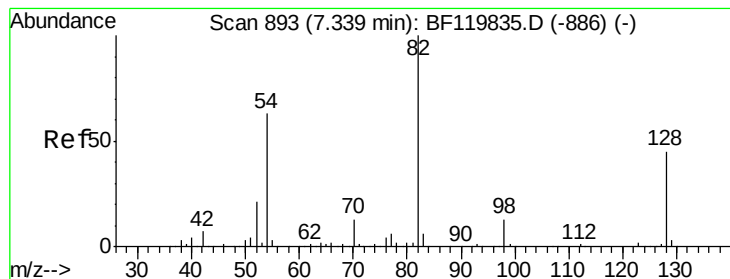
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 10.024 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF119980.D

Acq: 15 Apr 2020 4:03

Instrument :

BNA_F

ClientSampleId :

FUEL-LANE-SEDIMENT-PIT

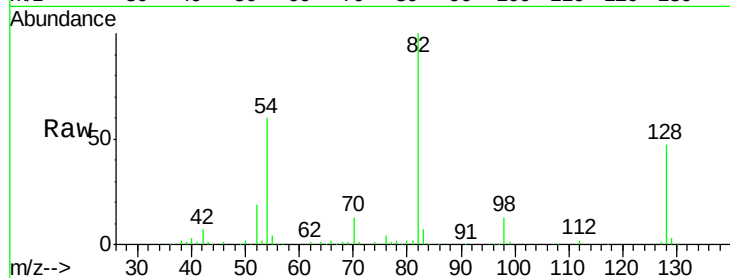
Tot Ion: 82 Resp: 147618

Ion Ratio Lower Upper

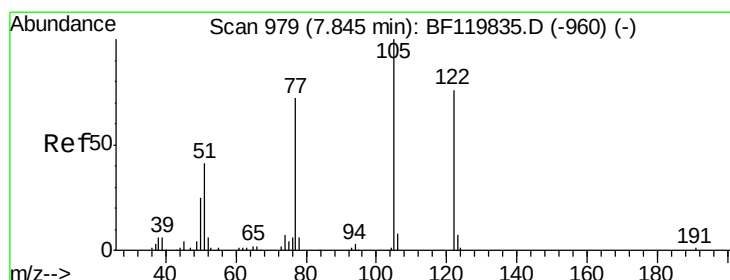
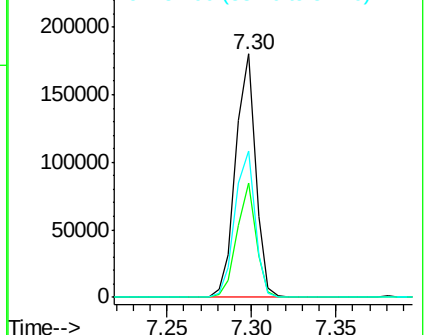
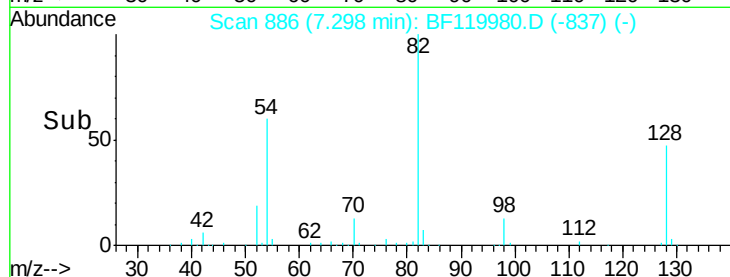
82 100

128 47.2 36.2 54.4

54 60.0 50.4 75.6



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



#32

Benzoic acid

Concen: 30.558 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF119980.D

Acq: 15 Apr 2020 4:03

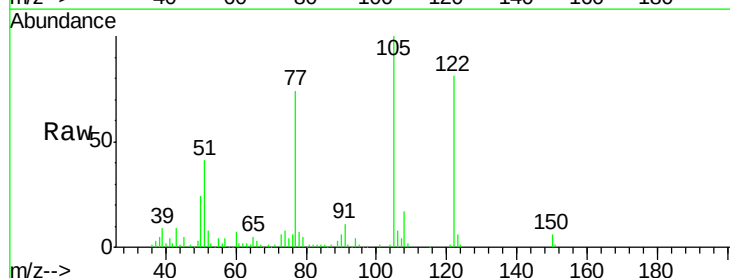
Tgt Ion: 122 Resp: 299563

Ion Ratio Lower Upper

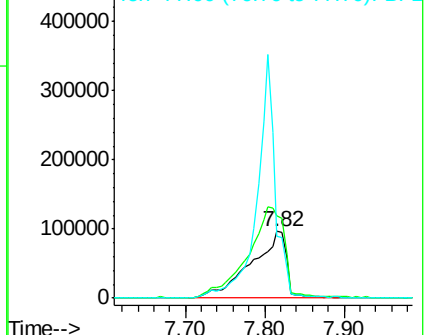
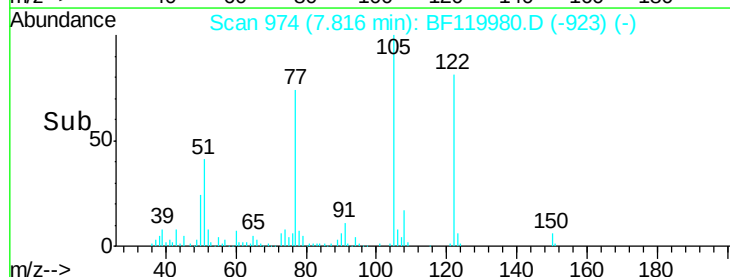
122 100

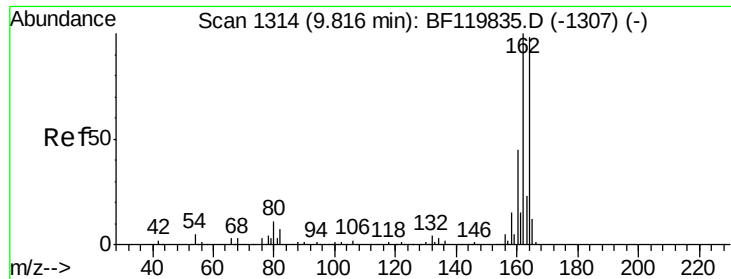
105 123.7 106.7 146.7

77 92.0 72.1 112.1



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

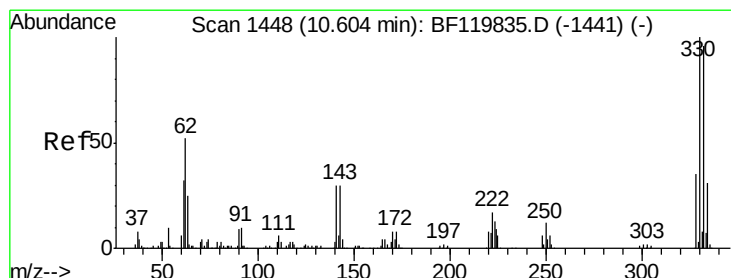
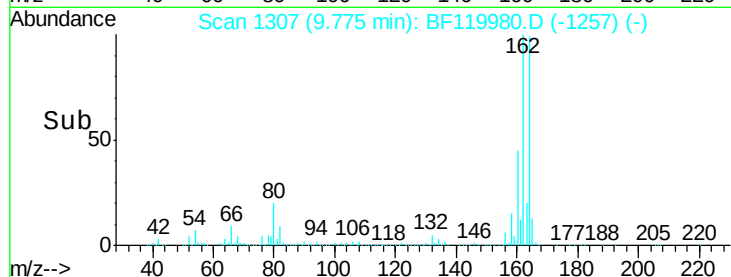
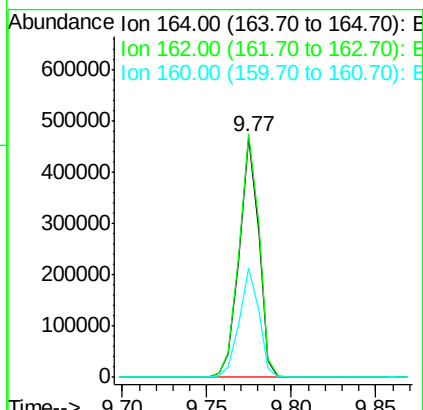
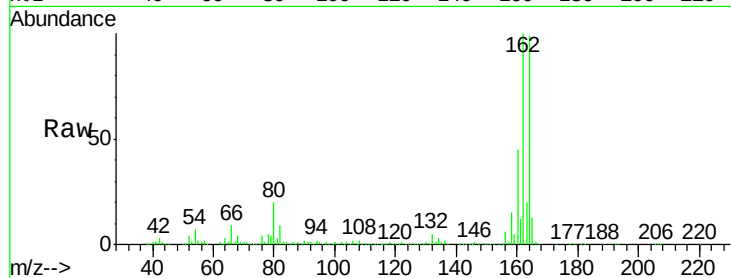




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119980.D
 Acq: 15 Apr 2020 4:03

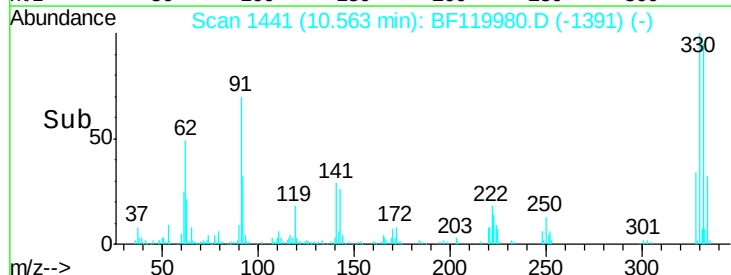
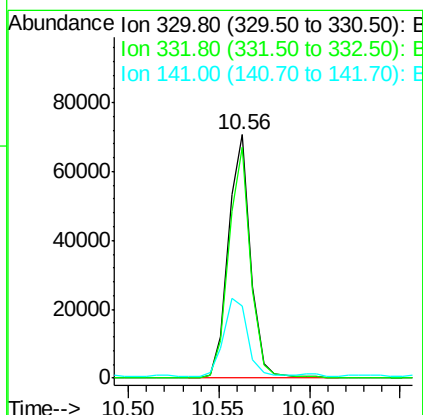
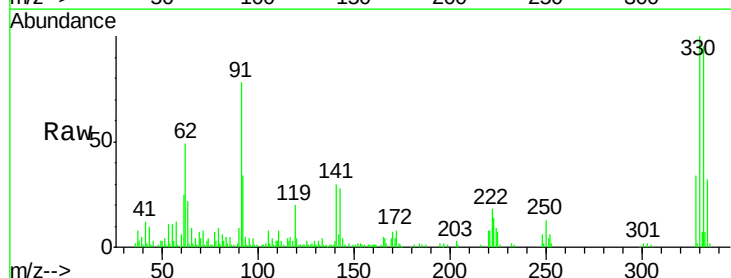
Instrument :
 BNA_F
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 FUEL-LANE-SEDIMENT-PIT

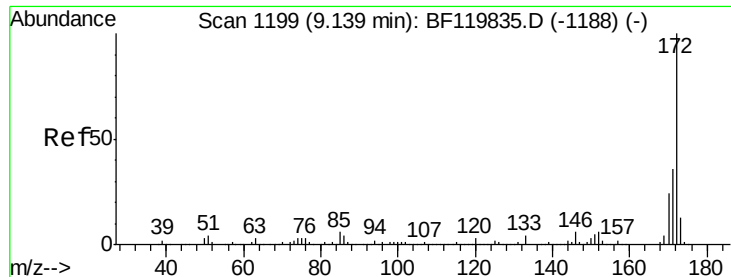
Tot Ion:164 Resp: 378861
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.9 122.9
 160 45.6 36.6 54.8



#42
 2,4,6-Tribromophenol
 Concen: 13.015 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119980.D
 Acq: 15 Apr 2020 4:03

Tgt Ion:330 Resp: 60369
 Ion Ratio Lower Upper
 330 100
 332 93.4 76.8 115.2
 141 33.9 25.1 37.7

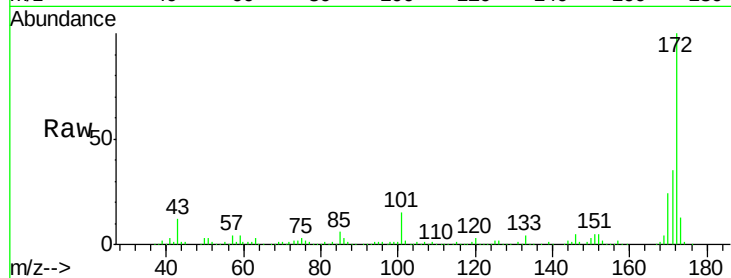




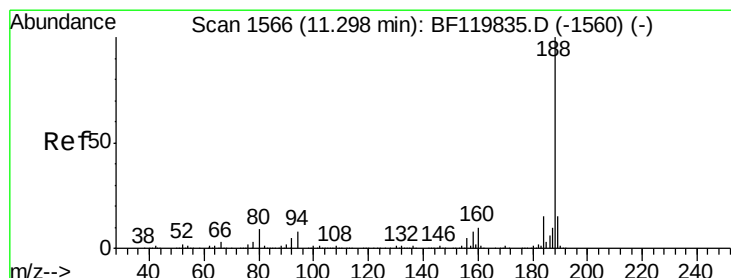
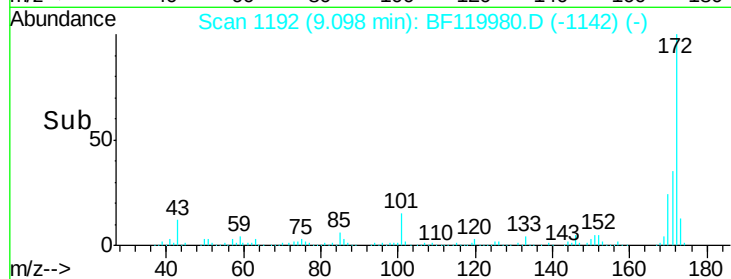
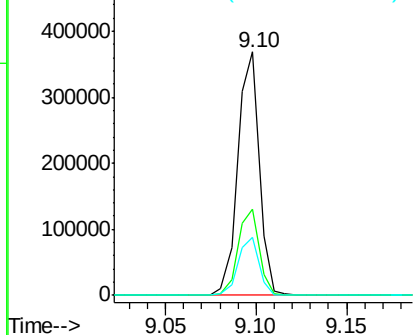
#45
2-Fluorobiphenyl
Concen: 11.393 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF119980.D
Acq: 15 Apr 2020 4:03

Instrument :
BNA_F
ClientSampleId :
FUEL-LANE-SEDIMENT-PIT

Tot Ion:172 Resp: 304011
Ion Ratio Lower Upper
172 100
171 35.3 28.9 43.3
170 23.7 19.4 29.2

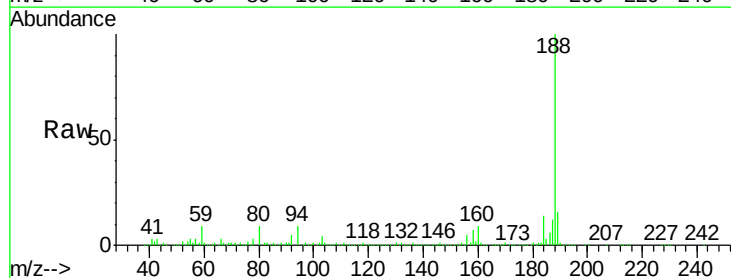


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

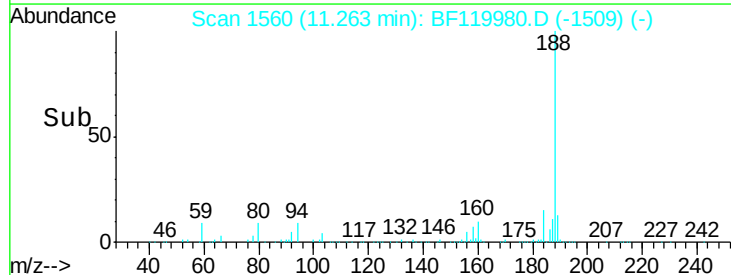
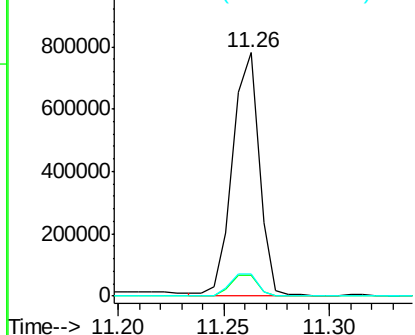


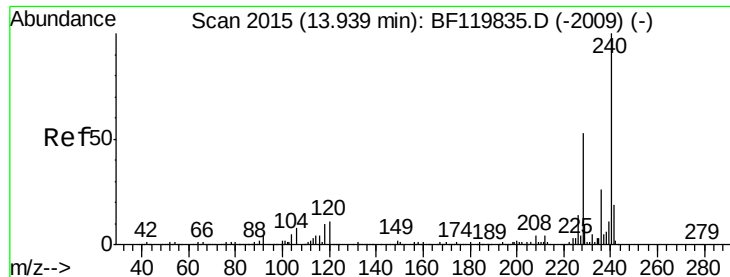
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF119980.D
Acq: 15 Apr 2020 4:03

Tgt Ion:188 Resp: 678597
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.0 7.4 11.2



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

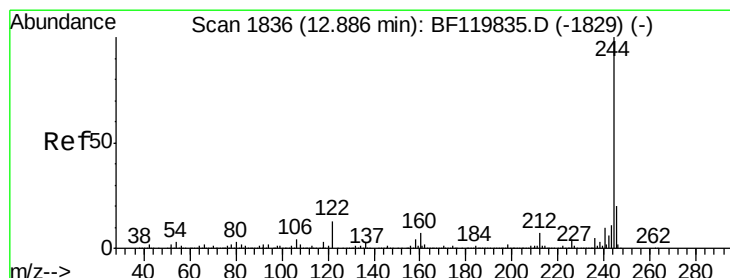
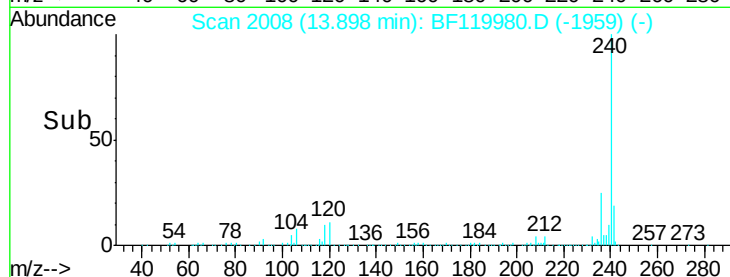
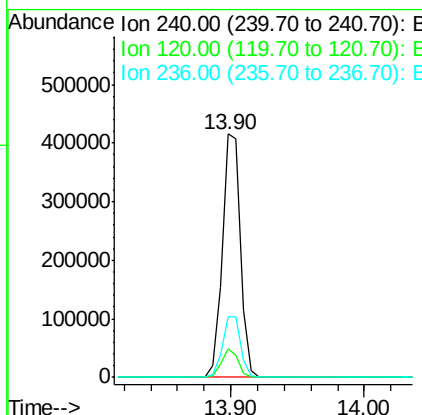
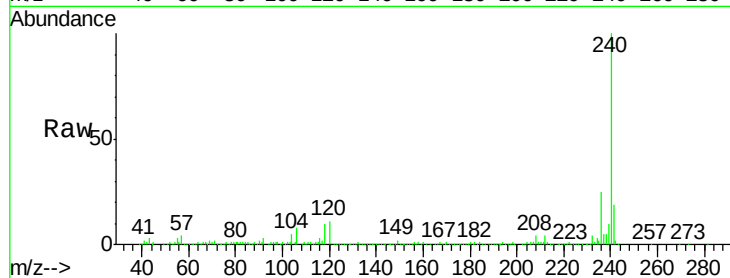




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119980.D
Acq: 15 Apr 2020 4:03

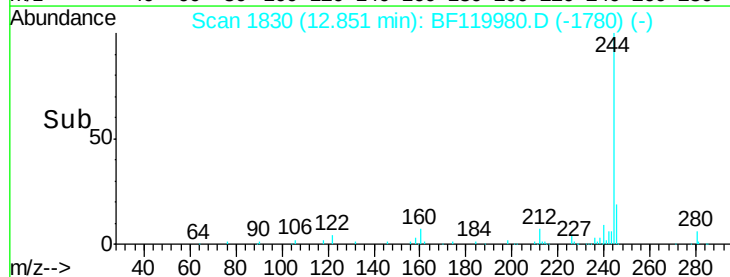
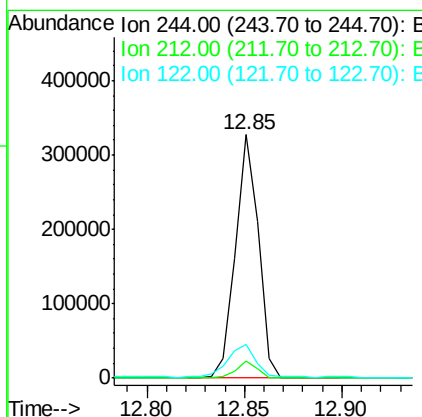
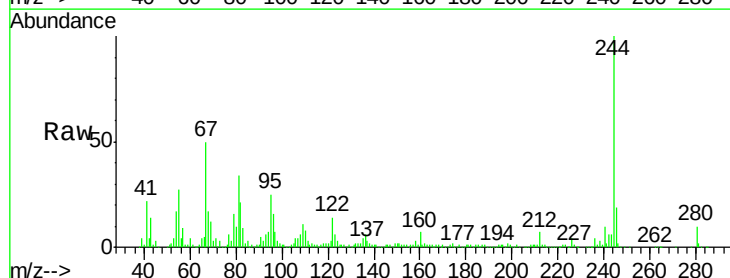
Instrument :
BNA_F
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FUEL-LANE-SEDIMENT-PIT

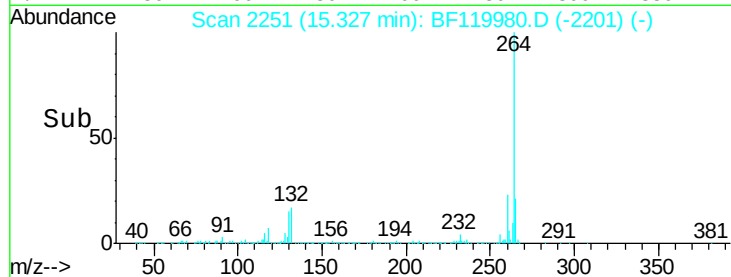
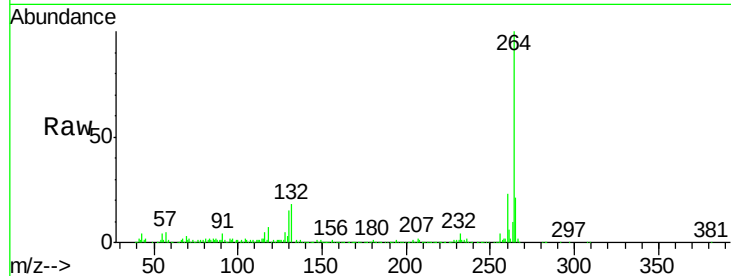
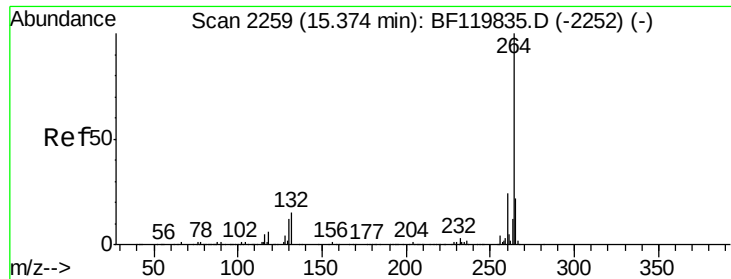
Tot Ion:240 Resp: 400166
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.6
236 25.0 20.7 31.1



#79
Terphenyl-d14
Concen: 11.229 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF119980.D
Acq: 15 Apr 2020 4:03

Tgt Ion:244 Resp: 267036
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 13.7 10.3 15.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF119980.D
Acq: 15 Apr 2020 4:03

Instrument :
BNA_F
ClientSampleId :
FUEL-LANE-SEDIMENT-PIT

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.3	28.9
265	21.1	17.6	26.4

