

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120009.D
 Acq On : 15 Apr 2020 23:15
 Operator : MA/SJ
 Sample : L2197-02DL 100X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Apr 16 04:25:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

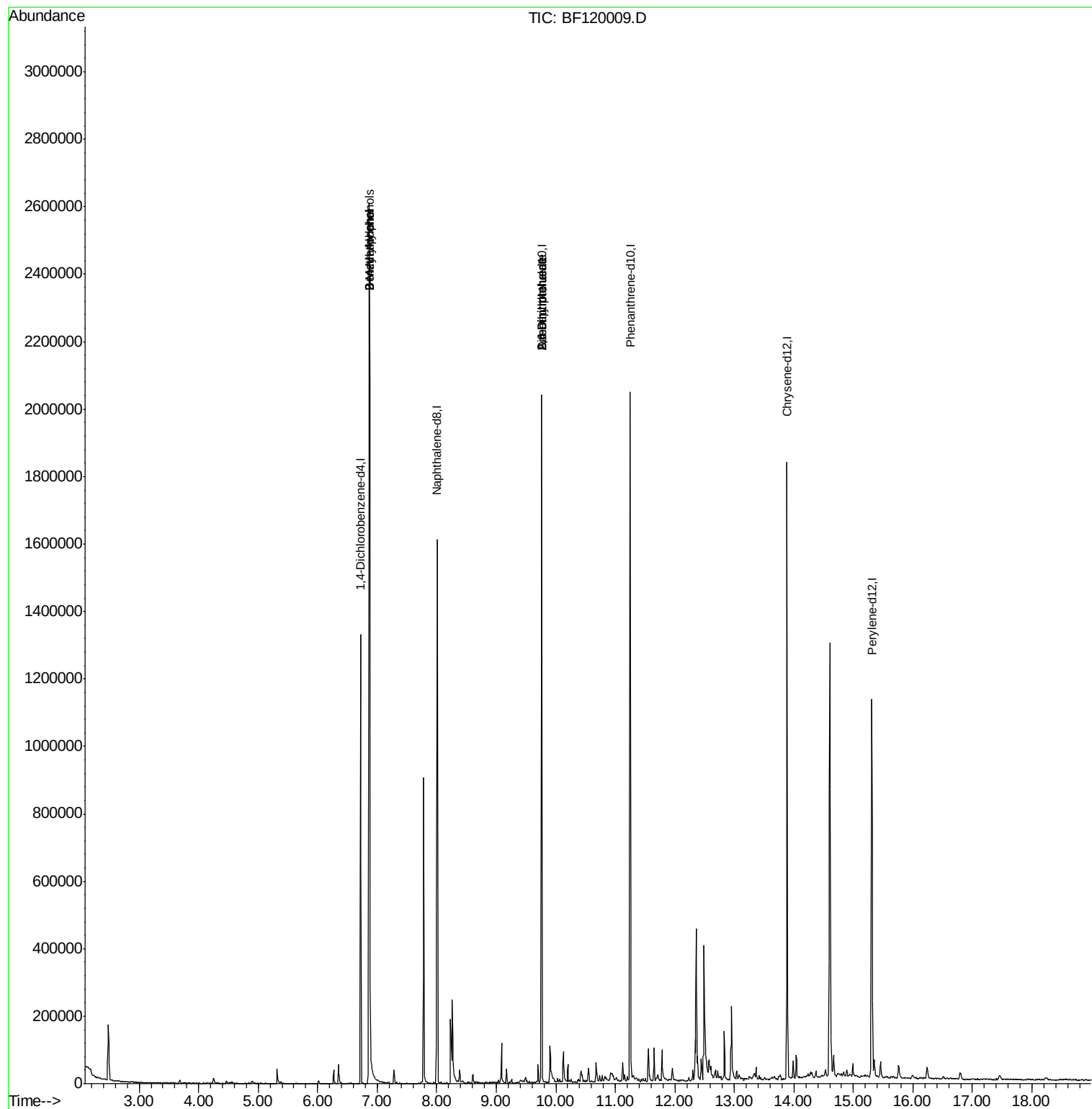
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	182779	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	726610	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	389107	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	768057	20.00	ng	0.00
76) Chrysene-d12	13.89	240	603024	20.00	ng	-0.01
87) Perylene-d12	15.31	264	489087	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	15527	1.47	ng	0.00
7) Phenol-d6	6.35	99	19752	1.45	ng	-0.02
23) Nitrobenzene-d5	7.28	82	13784	0.98	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	4462	0.94	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	32536	1.19	ng	0.00
79) Terphenyl-d14	12.83	244	45394	1.27	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.27	77	7711	Below Cal		98
15) Benzyl Alcohol	6.87	79	616041	58.199	ng	98
17) 2-Methylphenol	6.87	107	342050	32.434	ng	# 13
20) 3+4-Methylphenols	6.87	107	322174	24.979	ng	# 37
50) Dimethylphthalate	9.76	163	89362	2.969	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	50585	7.675	ng	# 19
57) 2,4-Dinitrotoluene	9.76	165	50585	5.826	ng	# 22

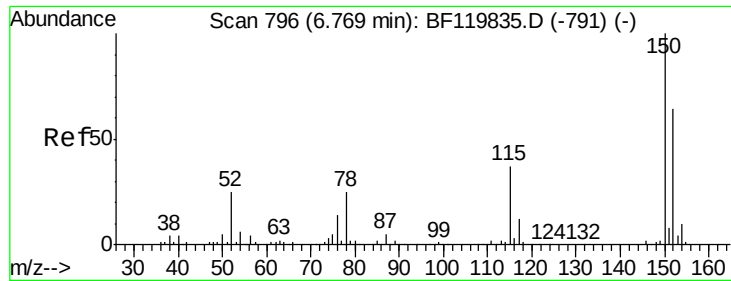
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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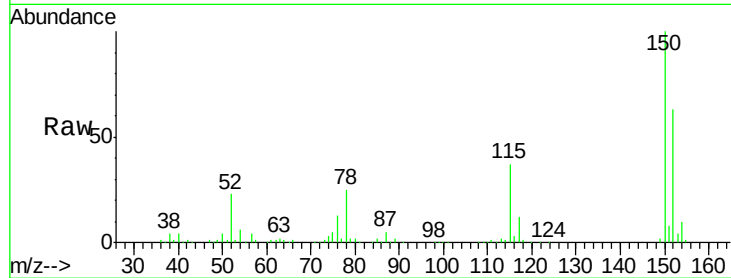


#1

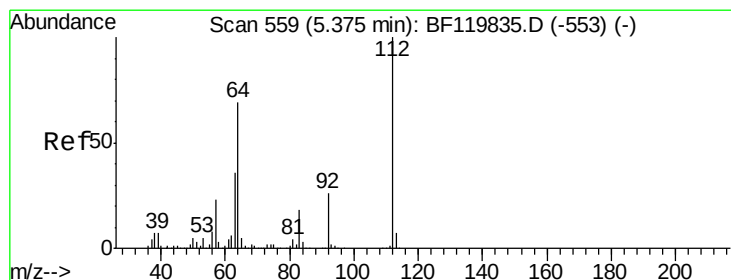
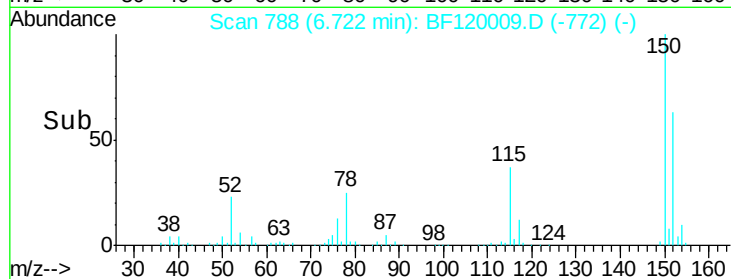
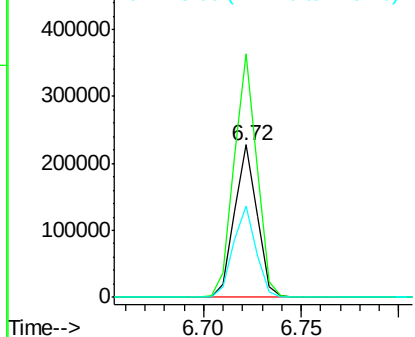
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120009.D
Acq: 15 Apr 2020 23:15

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

Tot Ion:152 Resp: 182779
Ion Ratio Lower Upper
152 100
150 159.7 124.8 187.2
115 59.6 46.5 69.7



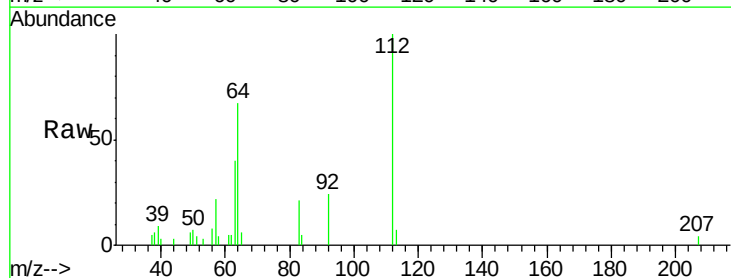
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



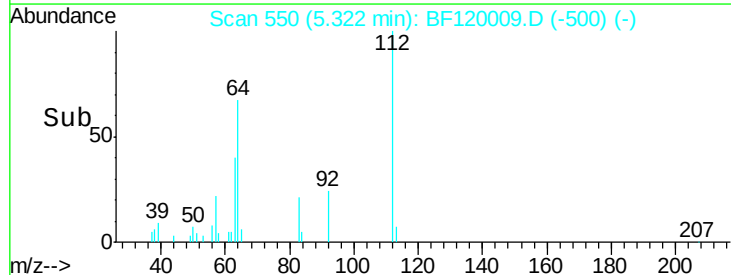
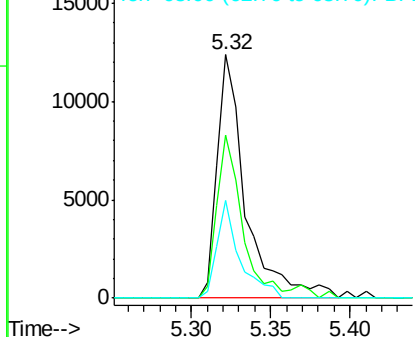
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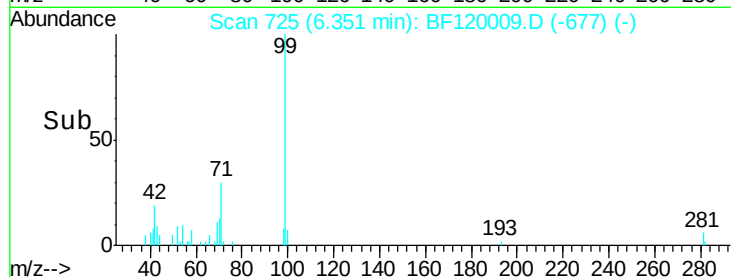
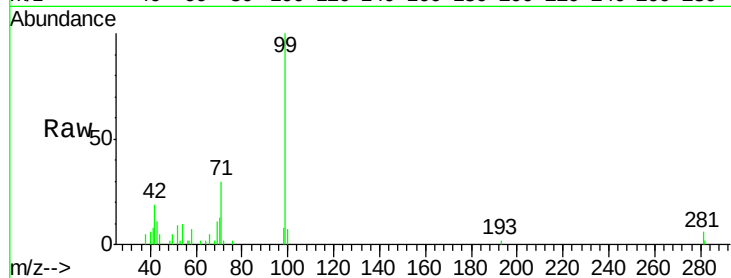
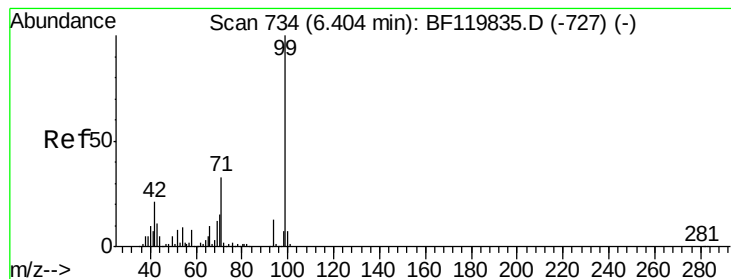
2-Fluorophenol
Concen: 1.468 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF120009.D
Acq: 15 Apr 2020 23:15

Tgt Ion:112 Resp: 15527
Ion Ratio Lower Upper
112 100
64 66.9 55.5 83.3
63 39.9 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: 1.449 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF120009.D

Acq: 15 Apr 2020 23:15

Instrument :

BNA_F

ClientSampleId :

FUEL-LANE-SEDIMENT-PITDL

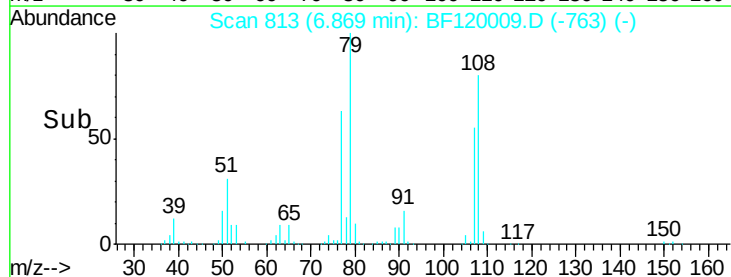
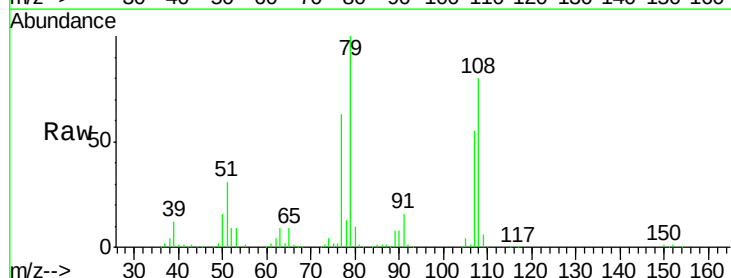
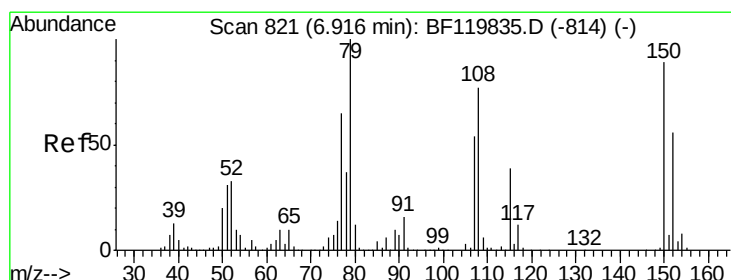
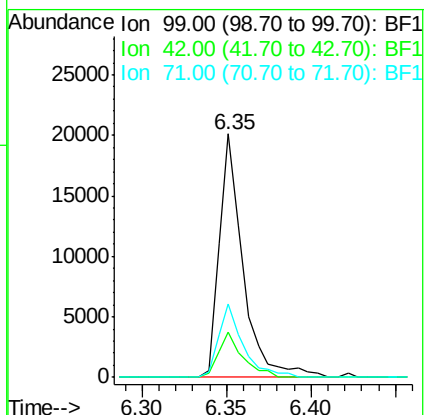
Tot Ion: 99 Resp: 19752

Ion Ratio Lower Upper

99 100

42 18.5 16.9 25.3

71 30.0 26.3 39.5



#15

Benzyl Alcohol

Concen: 58.199 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF120009.D

Acq: 15 Apr 2020 23:15

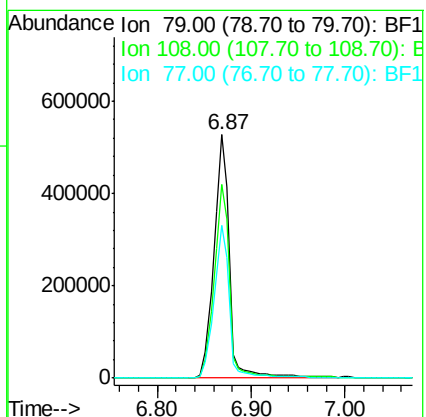
Tgt Ion: 79 Resp: 616041

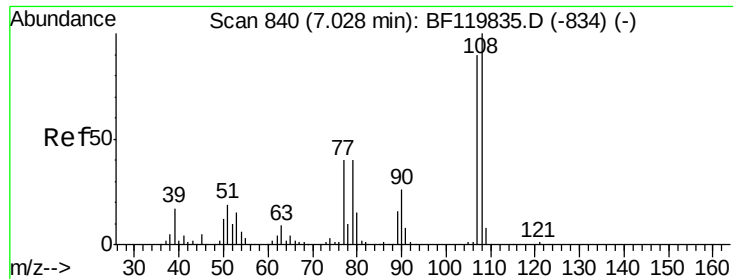
Ion Ratio Lower Upper

79 100

108 79.6 62.0 93.0

77 62.8 51.8 77.6

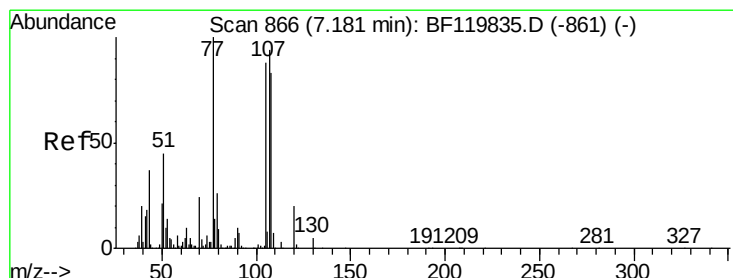
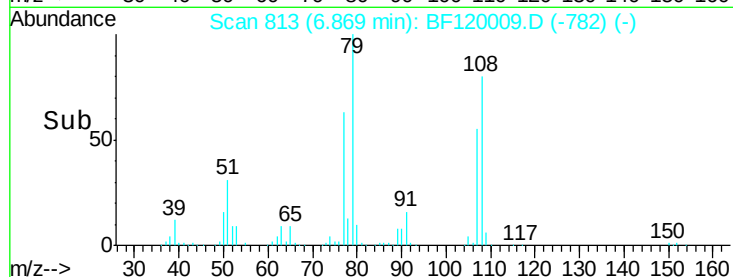
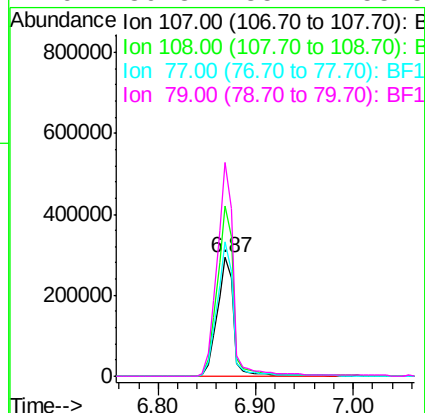
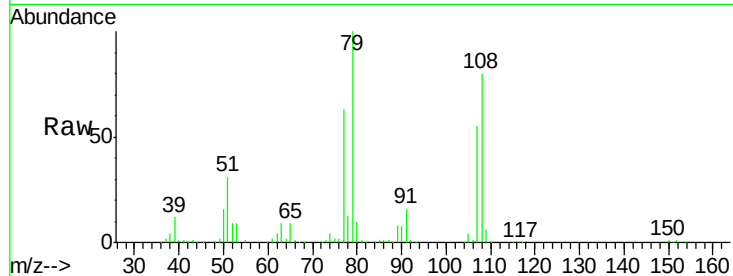




#17
2-Methylphenol
Concen: 32.434 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.12 min
Lab File: BF120009.D
Acq: 15 Apr 2020 23:15

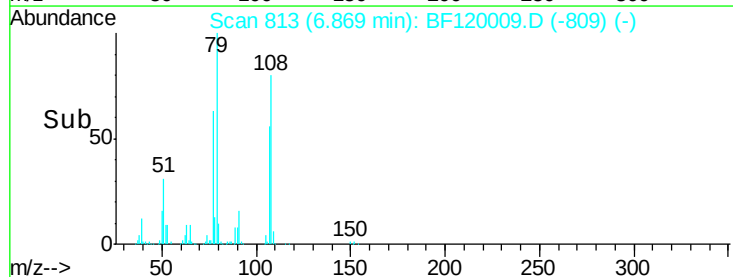
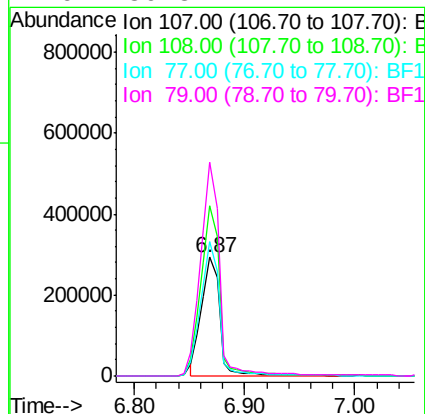
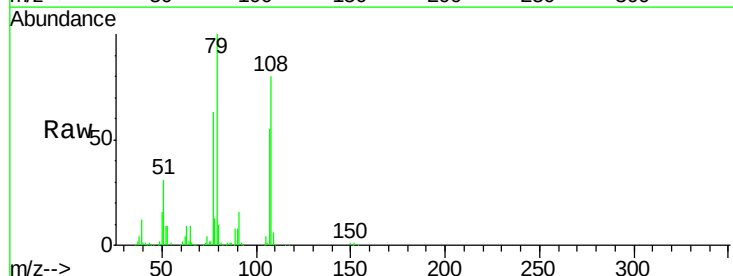
Instrument :
BNA_F
ClientSampleId :
FUEL-LANE-SEDIMENT-PITDL

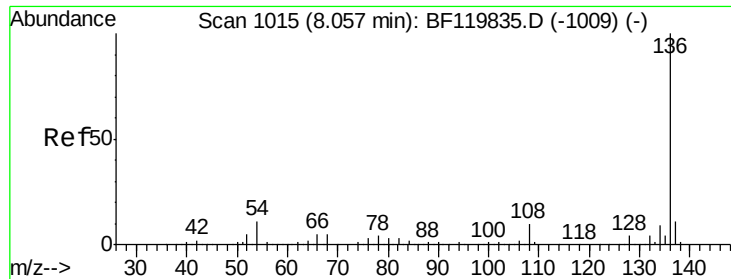
Tot Ion	Ratio	Lower	Upper
107	100		
108	143.5	88.8	133.2#
77	113.1	36.0	54.0#
79	180.3	35.7	53.5#



#20
3+4-Methylphenols
Concen: 24.979 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.28 min
Lab File: BF120009.D
Acq: 15 Apr 2020 23:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	143.5	68.2	108.2#
77	113.1	86.6	126.6
79	180.3	7.7	47.7#

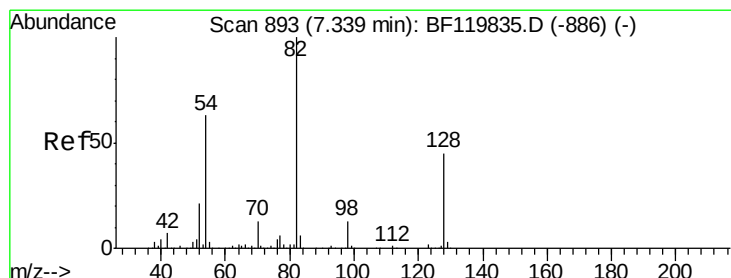
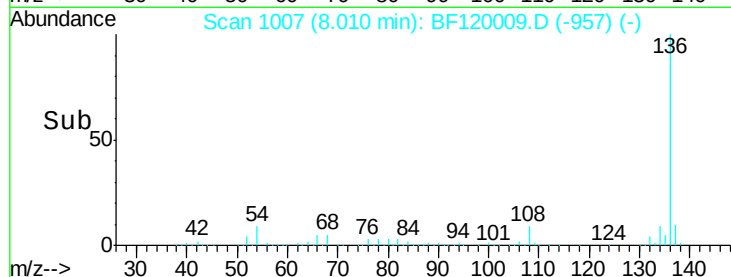
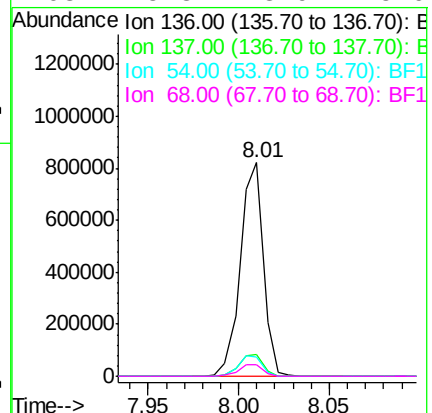
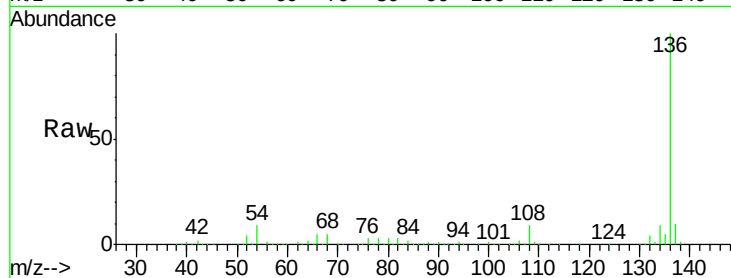




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120009.D
Acq: 15 Apr 2020 23:15

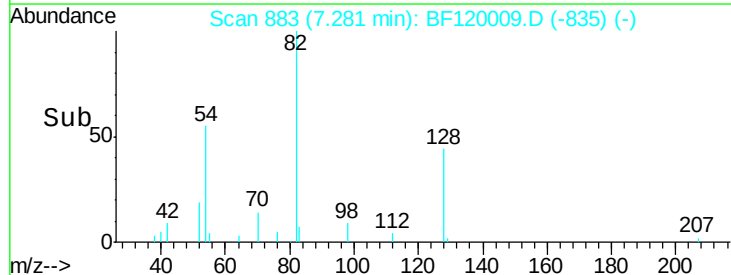
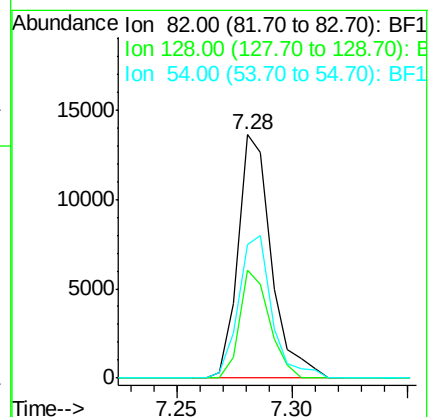
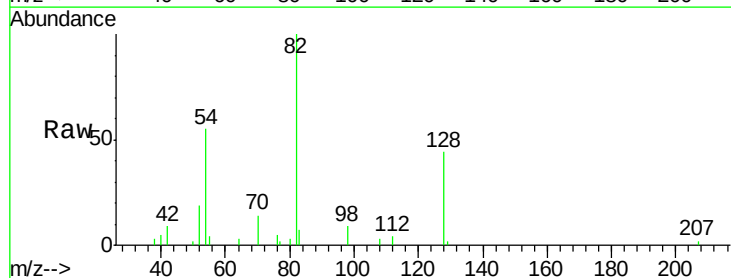
Instrument :
BNA_F
ClientSampleId :
FUEL-LANE-SEDIMENT-PITDL

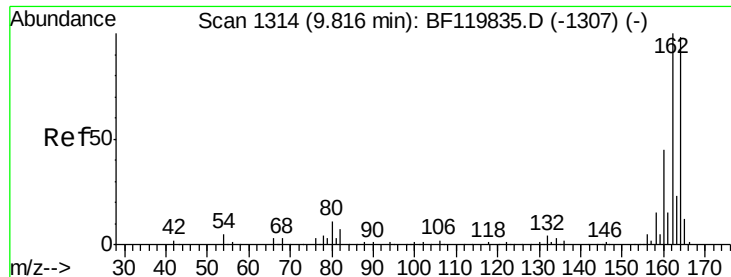
Tot Ion:136	Resp:	726610
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.7 13.1
54	9.2	8.5 12.7
68	5.3	3.9 5.9



#23
Nitrobenzene-d5
Concen: 0.981 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF120009.D
Acq: 15 Apr 2020 23:15

Tgt Ion: 82	Resp:	13784
Ion Ratio	Lower	Upper
82	100	
128	44.2	36.2 54.4
54	54.8	50.4 75.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF120009.D

Acq: 15 Apr 2020 23:15

Instrument :

BNA_F

ClientSampleId :

FUEL-LANE-SEDIMENT-PITDL

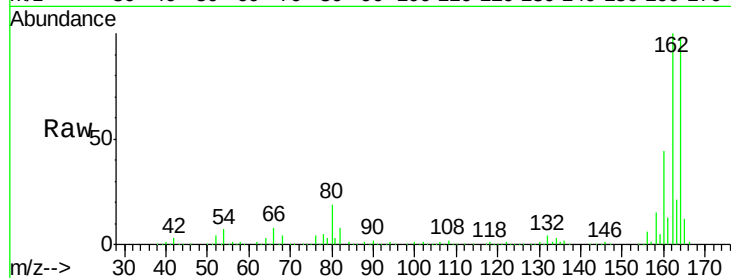
Tot Ion:164 Resp: 389107

Ion Ratio Lower Upper

164 100

162 101.8 81.9 122.9

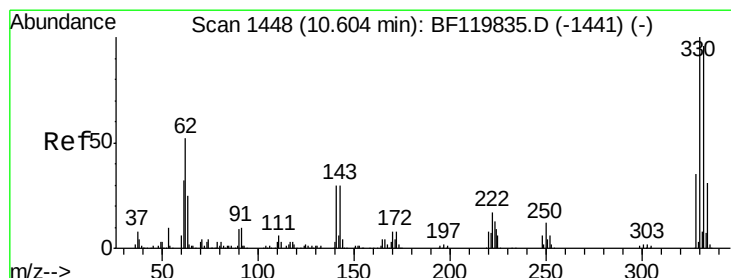
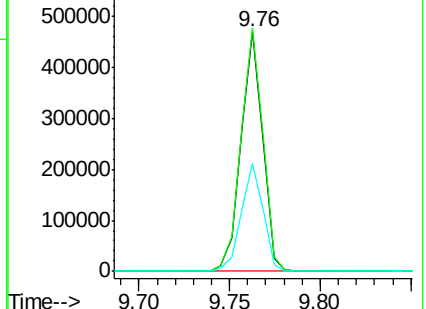
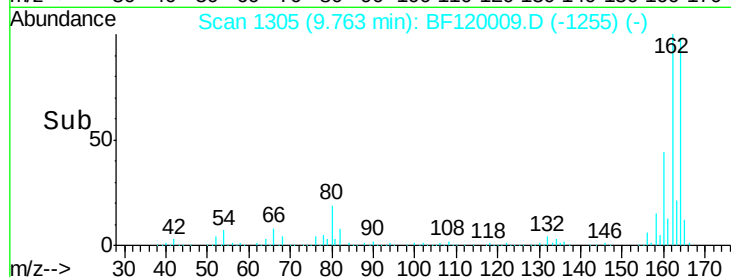
160 45.2 36.6 54.8



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: 0.937 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF120009.D

Acq: 15 Apr 2020 23:15

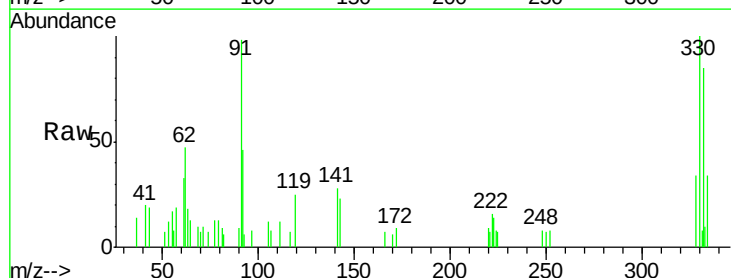
Tgt Ion:330 Resp: 4462

Ion Ratio Lower Upper

330 100

332 84.2 76.8 115.2

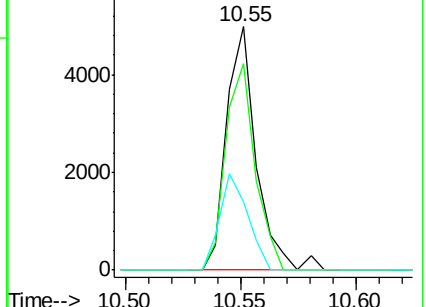
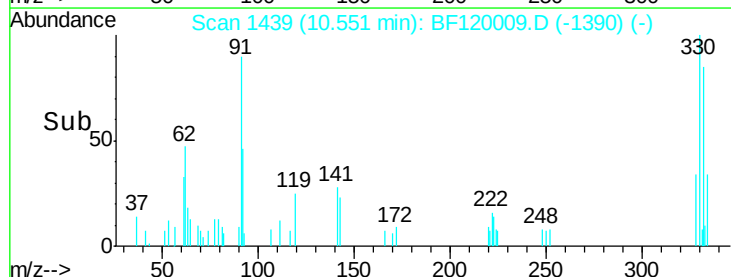
141 37.0 25.1 37.7

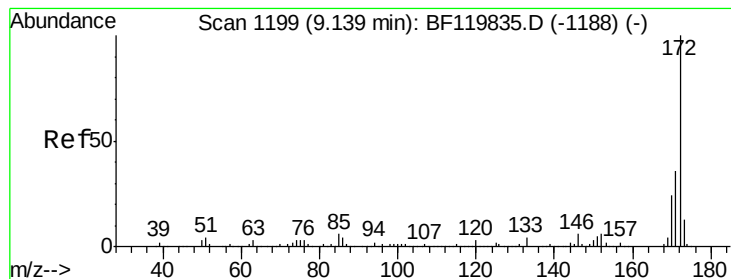


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

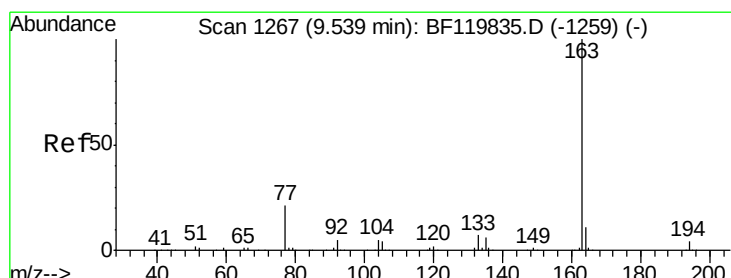
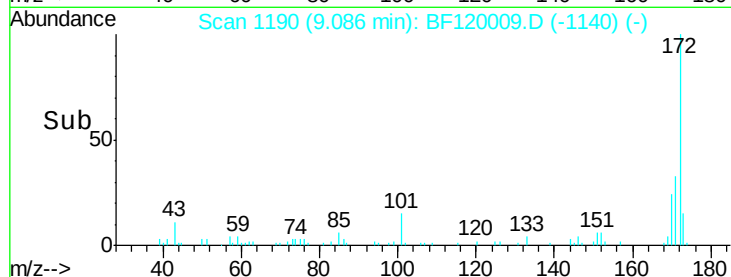
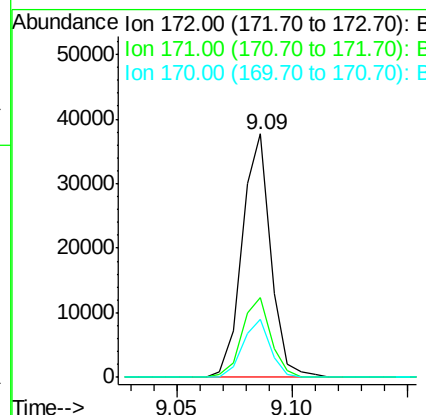
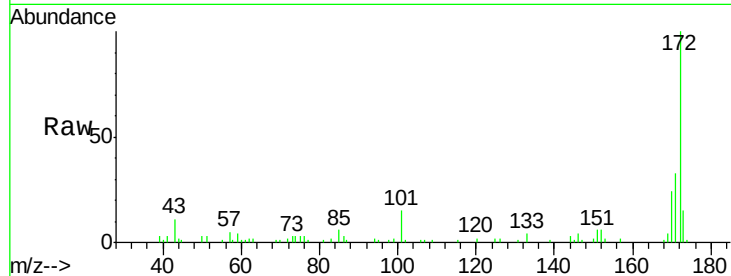




#45
2-Fluorobiphenyl
Concen: 1.187 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF120009.D
Acq: 15 Apr 2020 23:15

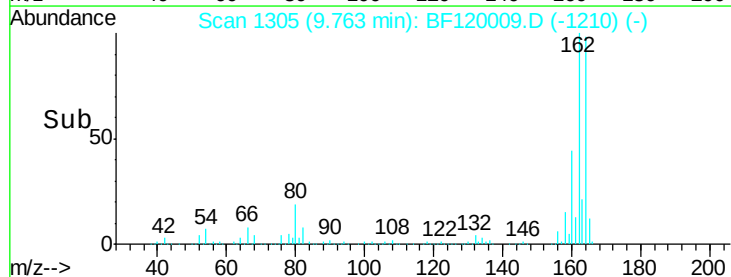
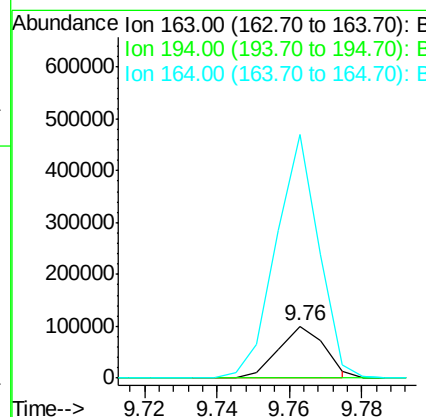
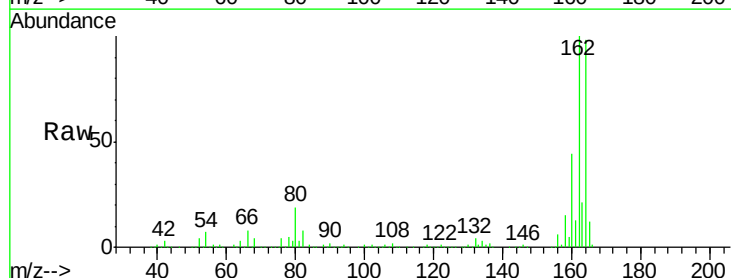
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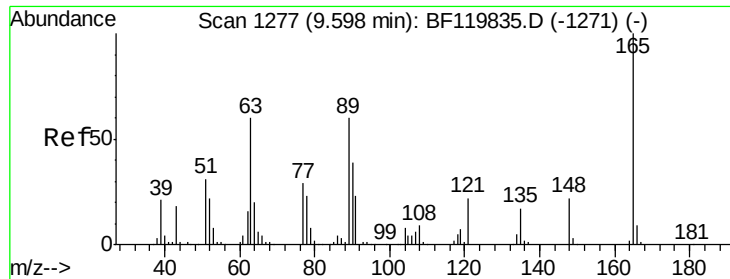
Tot Ion:172 Resp: 32536
Ion Ratio Lower Upper
172 100
171 32.7 28.9 43.3
170 23.6 19.4 29.2



#50
Dimethylphthalate
Concen: 2.969 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.26 min
Lab File: BF120009.D
Acq: 15 Apr 2020 23:15

Tgt Ion:163 Resp: 89362
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 467.5 8.4 12.6#

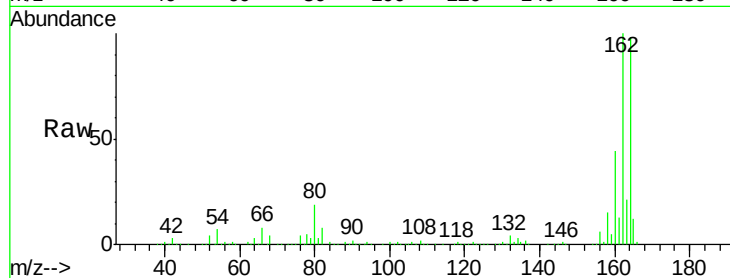




#51
 2,6-Dinitrotoluene
 Concen: 7.675 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.20 min
 Lab File: BF120009.D
 Acq: 15 Apr 2020 23:15

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

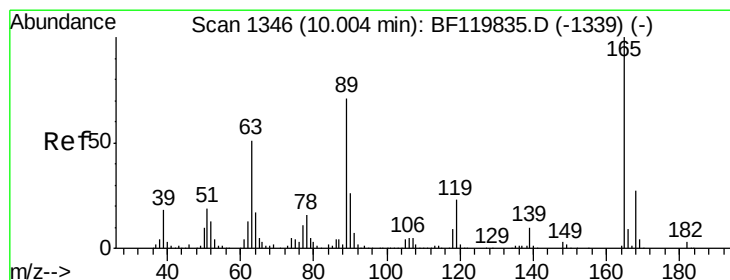
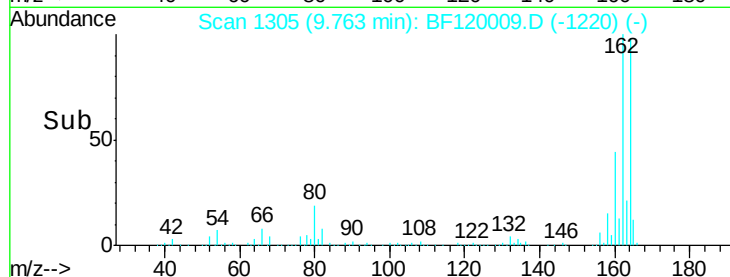
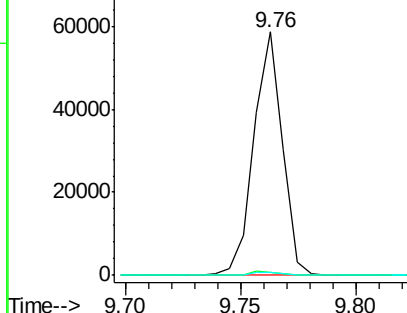
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	55.6	83.4#
89	1.1	47.9	71.9#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 5.826 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.20 min
 Lab File: BF120009.D
 Acq: 15 Apr 2020 23:15

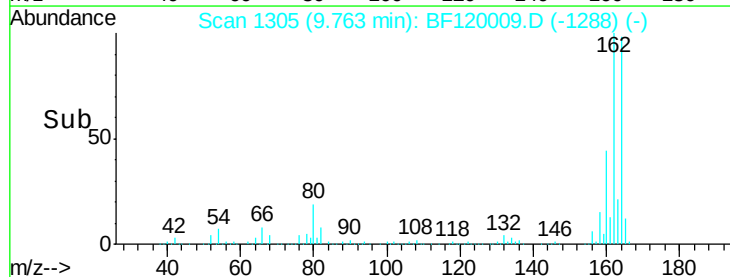
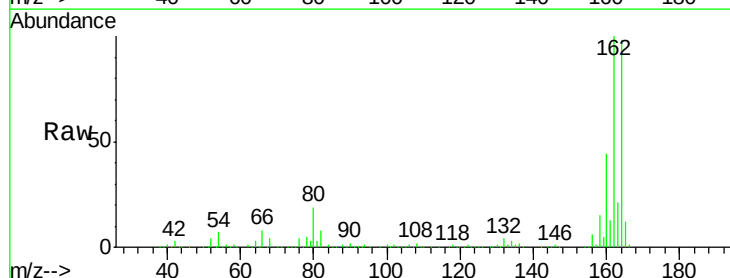
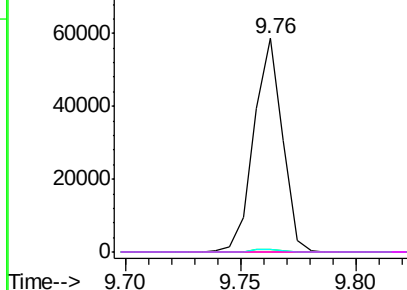
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.8	61.2#
89	1.1	56.9	85.3#
182	0.0	2.0	3.0#

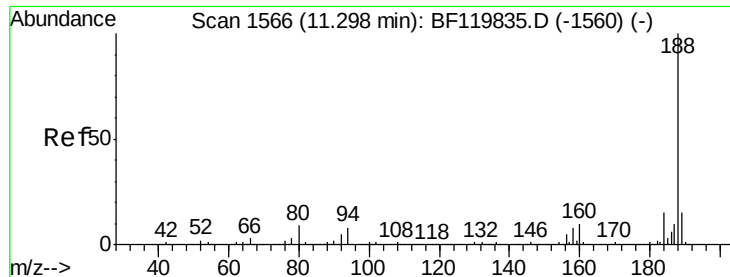
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

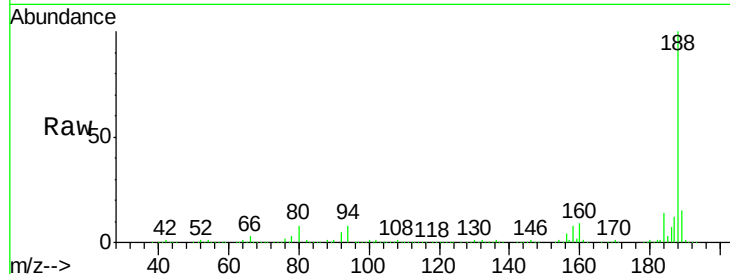




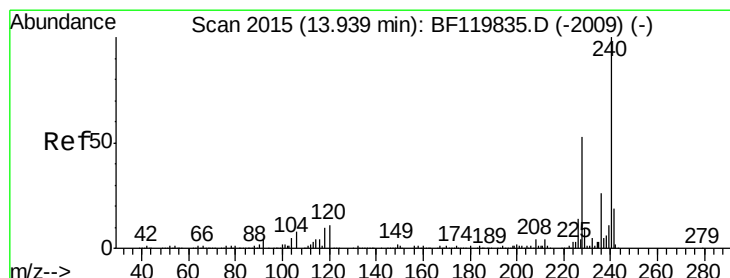
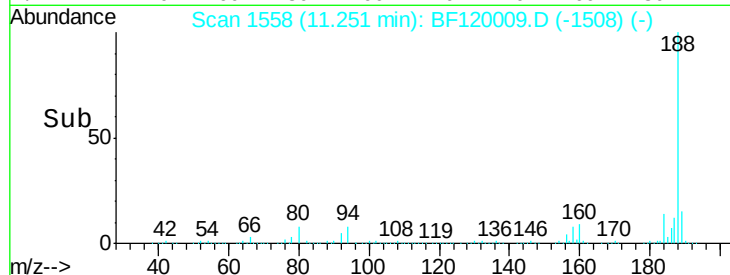
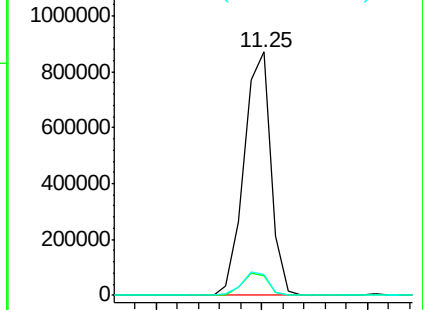
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF120009.D
Acq: 15 Apr 2020 23:15

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

Tot Ion:188 Resp: 768057
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.3 7.4 11.2

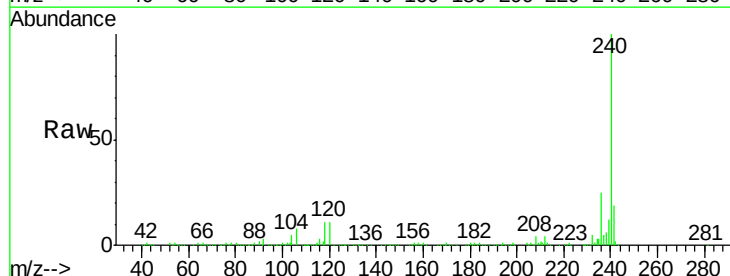


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

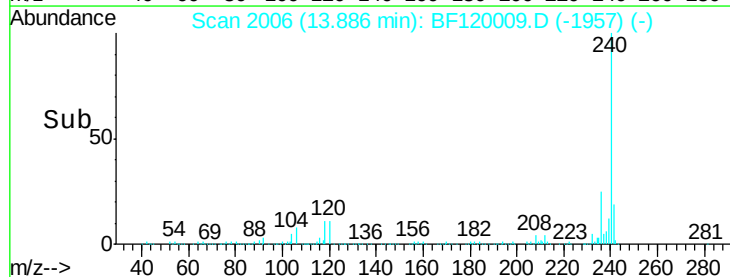
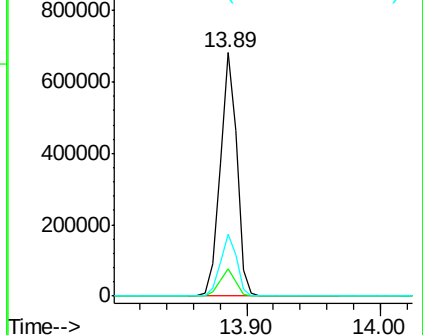


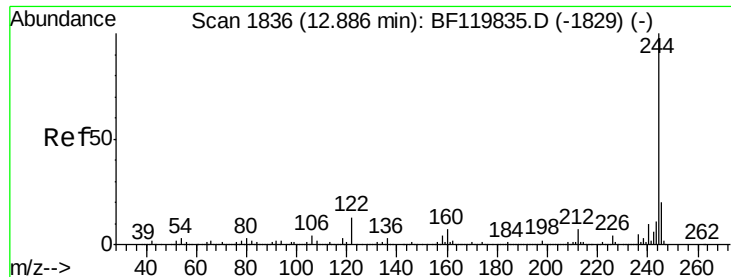
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF120009.D
Acq: 15 Apr 2020 23:15

Tgt Ion:240 Resp: 603024
Ion Ratio Lower Upper
240 100
120 11.3 9.0 13.6
236 25.5 20.7 31.1



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





#79

Terphenyl-d14

Concen: 1.267 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF120009.D

Acq: 15 Apr 2020 23:15

Instrument :

BNA_F

ClientSampleId :

FUEL-LANE-SEDIMENT-PITDL

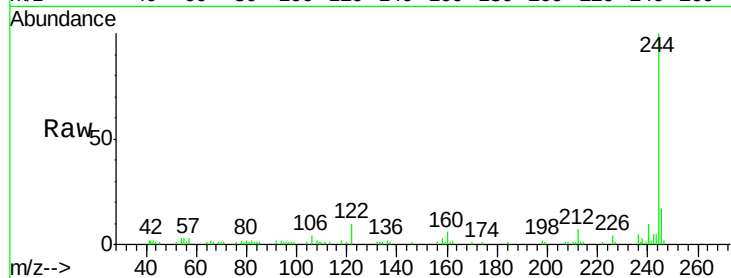
Tot Ion:244 Resp: 45394

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

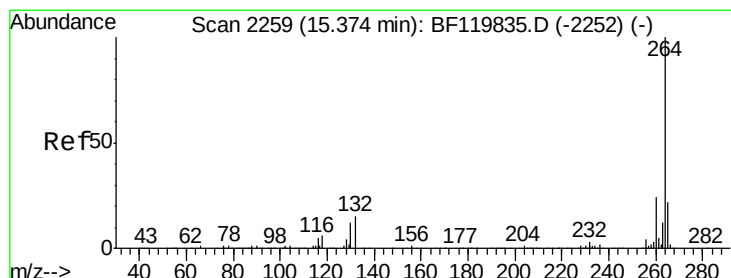
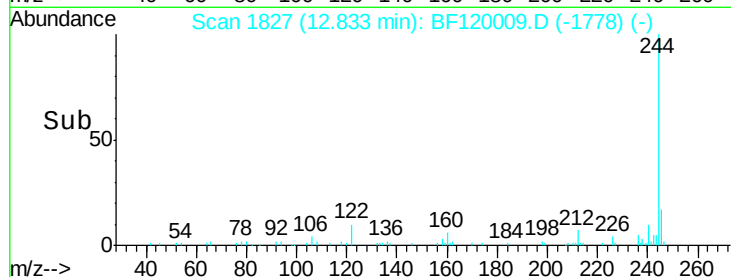
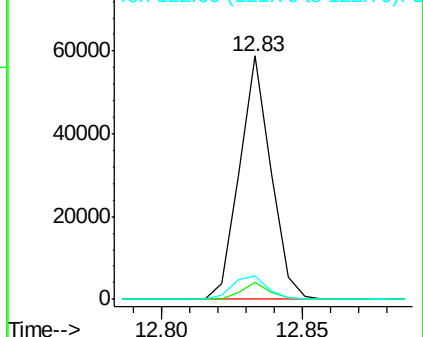
122 9.6 10.3 15.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BF120009.D

Acq: 15 Apr 2020 23:15

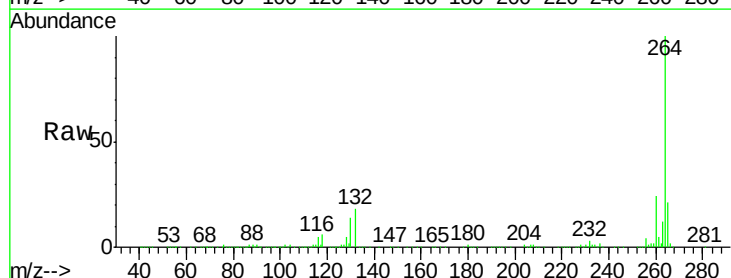
Tgt Ion:264 Resp: 489087

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.0 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

