

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121255.D
 Acq On : 11 Aug 2020 22:57
 Operator : JU/CG
 Sample : L3637-19 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAR-WASH-AREA-3

Quant Time: Aug 12 10:53:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	146826	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	587825	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	312532	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	572744	20.00	ng	0.00
76) Chrysene-d12	13.96	240	391610	20.00	ng	0.00
86) Perylene-d12	15.42	264	396577	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	422632	47.19	ng	-0.01
7) Phenol-d6	6.43	99	481997	41.66	ng	-0.01
23) Nitrobenzene-d5	7.36	82	332738	32.75	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	164950	48.22	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	665453	31.79	ng	-0.01
79) Terphenyl-d14	12.90	244	581386	32.27	ng	0.00

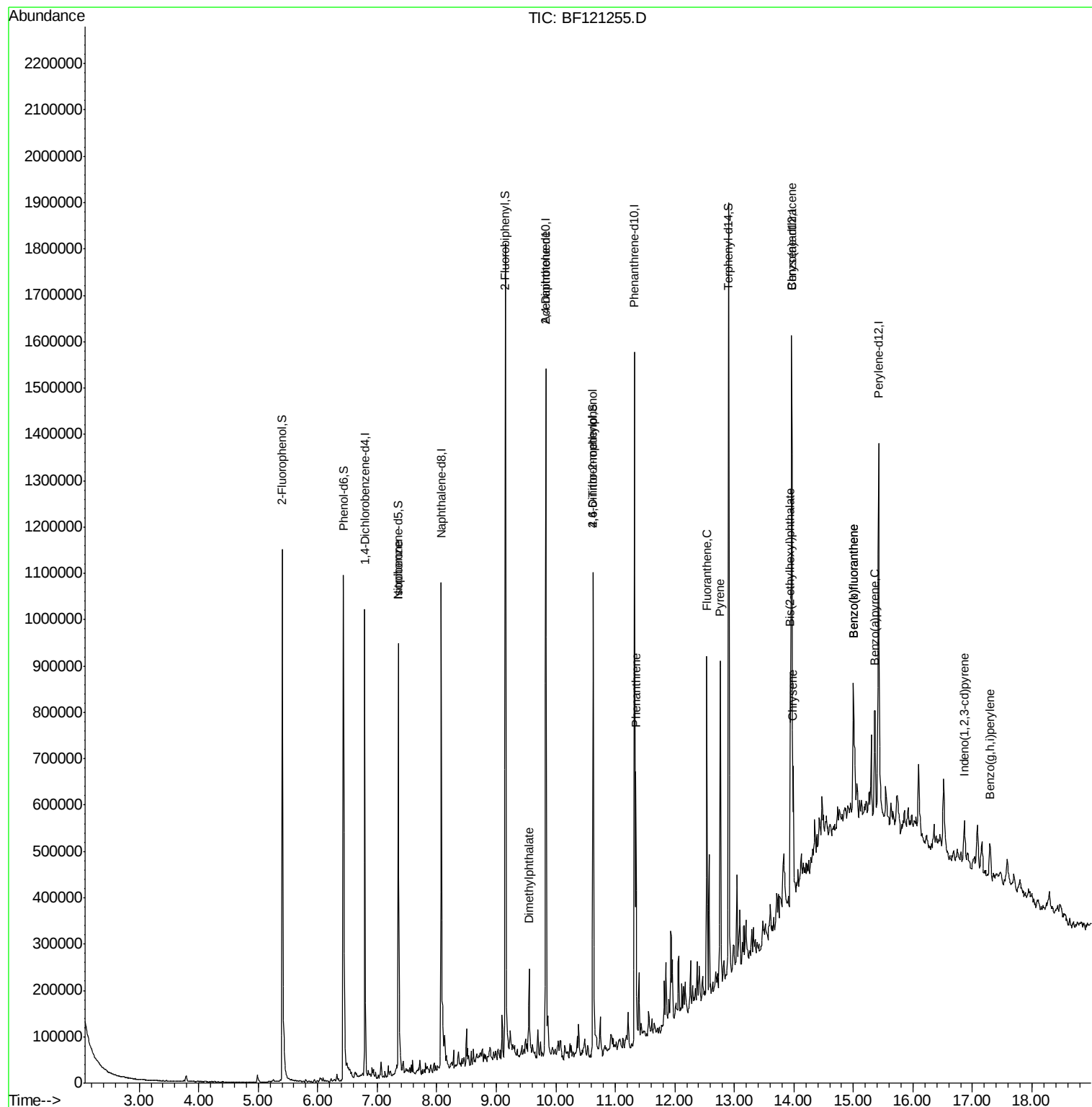
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.35	77	395	Below Cal		# 1
25) Isophorone	7.36	82	331933	16.372	ng	# 62
50) Dimethylphthalate	9.55	163	64939	2.880	ng	99
57) 2,4-Dinitrotoluene	9.83	165	43146	6.783	ng	# 30
65) 4,6-Dinitro-2-methylphenol	10.63	198	225	3.905	ng	# 1
71) Phenanthrene	11.35	178	198593	6.742	ng	99
75) Fluoranthene	12.53	202	312315	9.565	ng	97
78) Pyrene	12.77	202	320091	11.561	ng	99
81) Benzo(a)anthracene	13.96	228	123553	5.210	ng	96
83) Chrysene	13.99	228	133421	5.354	ng	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	124823	8.201	ng	100
87) Indeno(1,2,3-cd)pyrene	16.86	276	64773	2.349	ng	95
88) Benzo(b)fluoranthene	15.00	252	217817	9.086	ng	# 94
89) Benzo(k)fluoranthene	15.00	252	217817	9.963	ng	# 94
90) Benzo(a)pyrene	15.36	252	111440	5.095	ng	# 95
92) Benzo(g,h,i)perylene	17.30	276	62252	2.802	ng	95

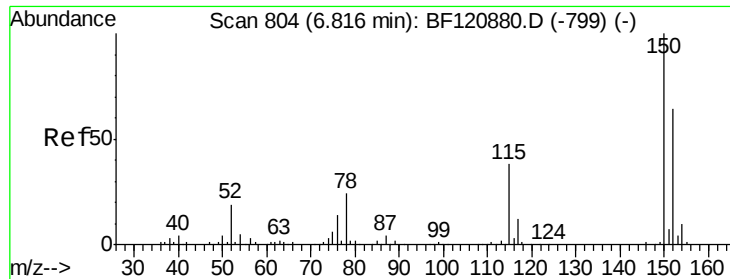
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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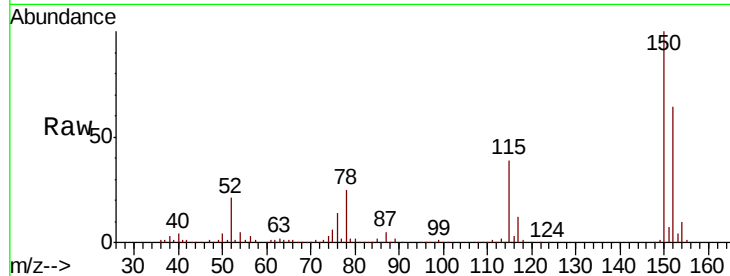


#1

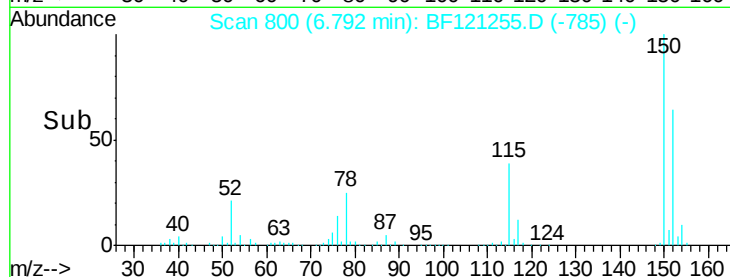
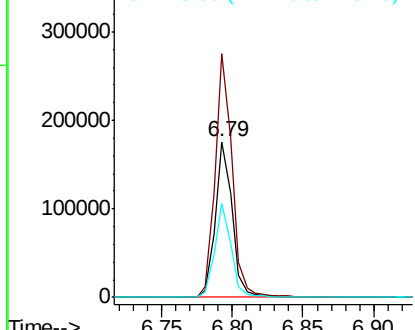
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-3

Tot Ion:152 Resp: 146826
Ion Ratio Lower Upper
152 100
150 156.7 125.6 188.4
115 60.4 46.2 69.2



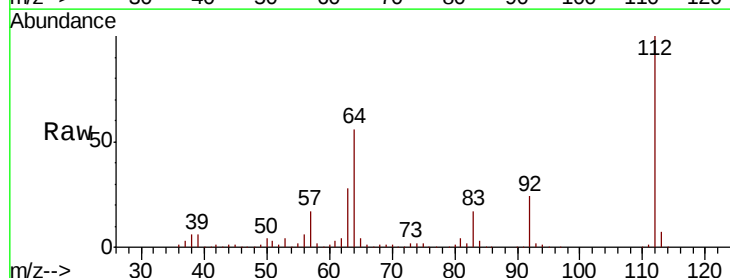
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



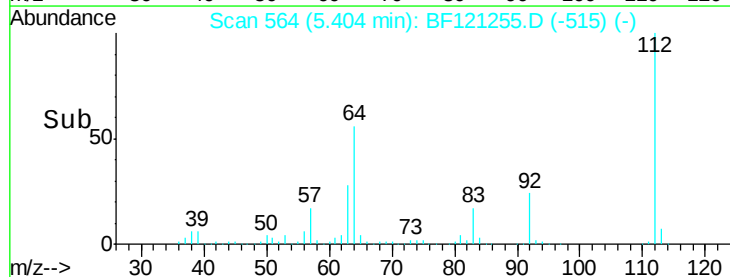
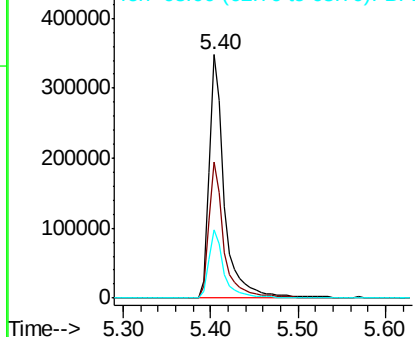
#5

2-Fluorophenol
Concen: 47.188 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

Tgt Ion:112 Resp: 422632
Ion Ratio Lower Upper
112 100
64 55.8 43.9 65.9
63 28.0 22.7 34.1



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: 41.662 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121255.D

Acq: 11 Aug 2020 22:57

Instrument :

BNA_F

ClientSampleId :

CAR-WASH-AREA-3

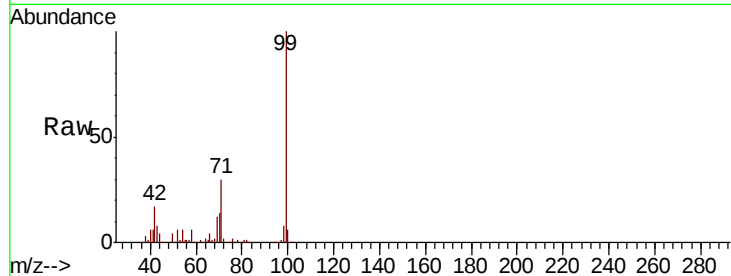
Tot Ion: 99 Resp: 481997

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

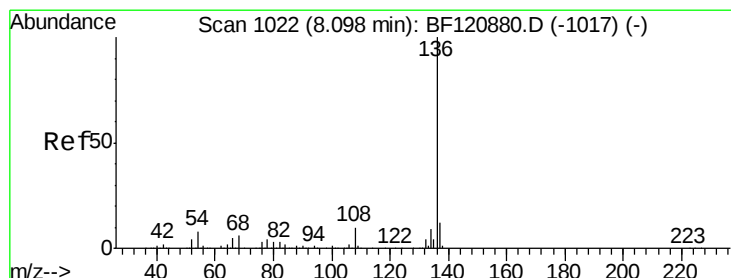
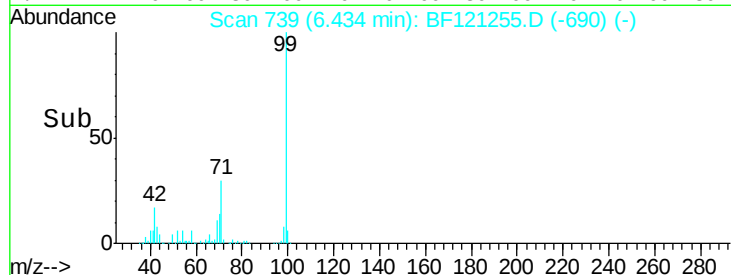
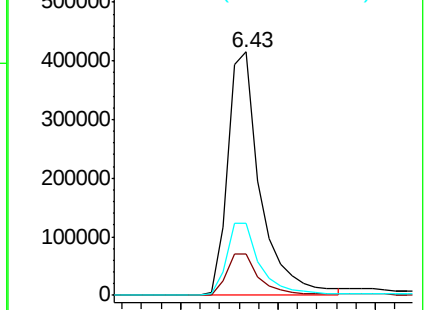
71 29.6 25.0 37.4



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121255.D

Acq: 11 Aug 2020 22:57

Tgt Ion: 136 Resp: 587825

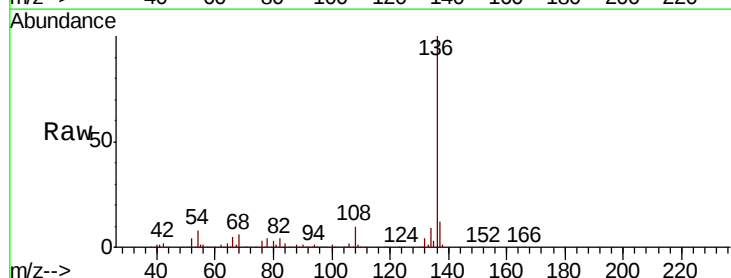
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.4

54 8.2 6.1 9.1

68 6.4 5.0 7.6

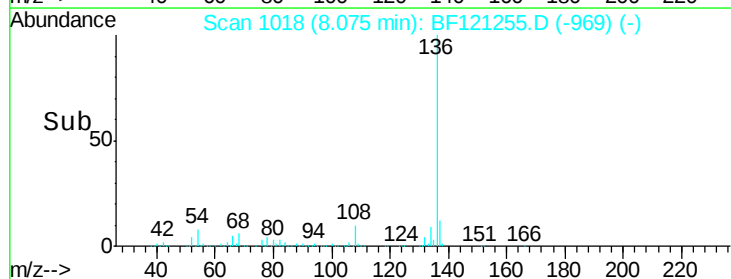
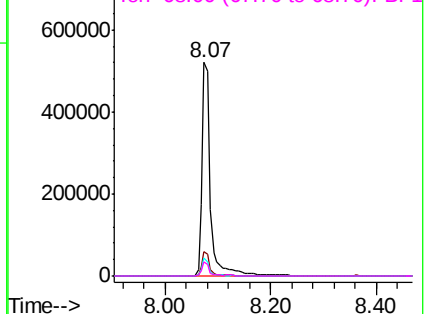


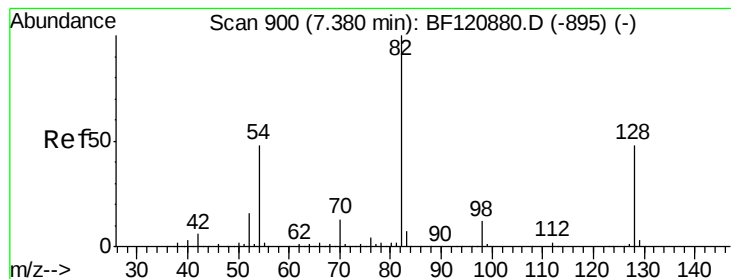
Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.753 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121255.D

Acq: 11 Aug 2020 22:57

Instrument :

BNA_F

ClientSampleId :

CAR-WASH-AREA-3

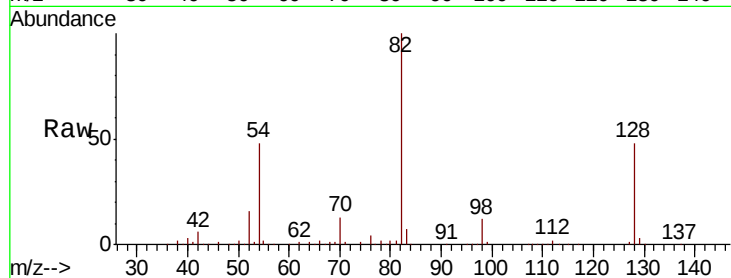
Tot Ion: 82 Resp: 332738

Ion Ratio Lower Upper

82 100

128 48.2 39.2 58.8

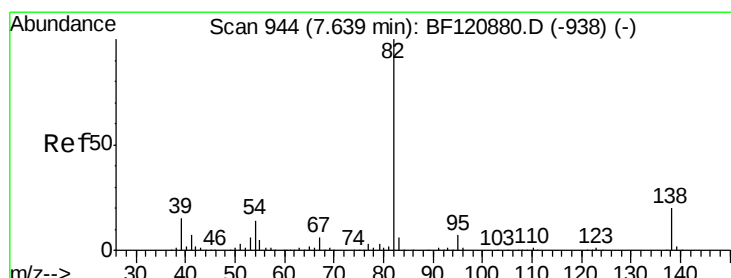
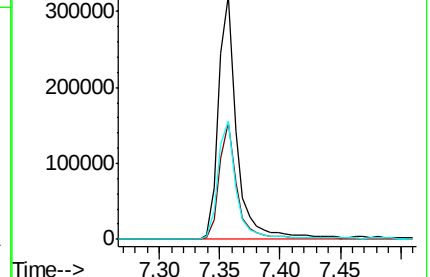
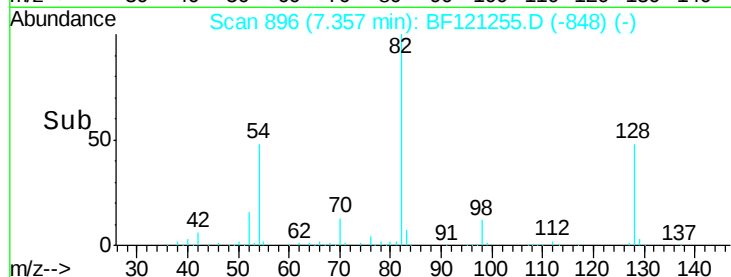
54 48.3 37.8 56.8



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



#25

Isophorone

Concen: 16.372 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF121255.D

Acq: 11 Aug 2020 22:57

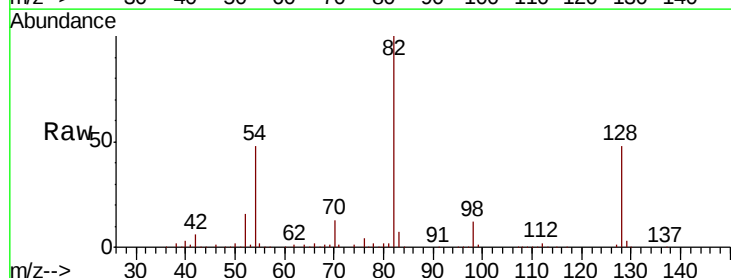
Tgt Ion: 82 Resp: 331933

Ion Ratio Lower Upper

82 100

95 0.3 5.5 8.3#

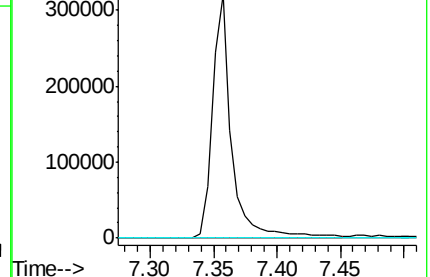
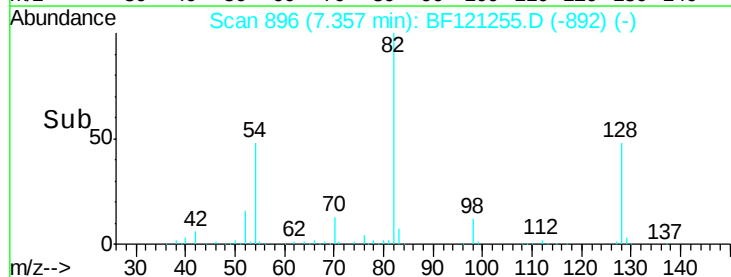
138 0.0 16.2 24.2#

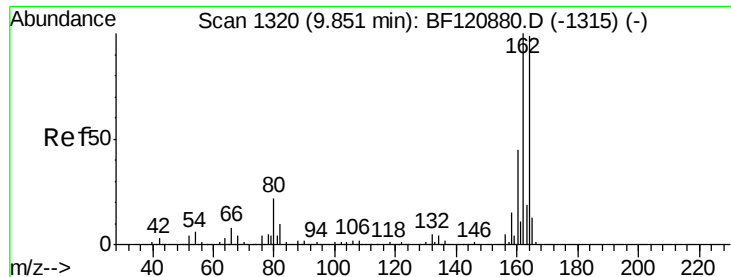


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

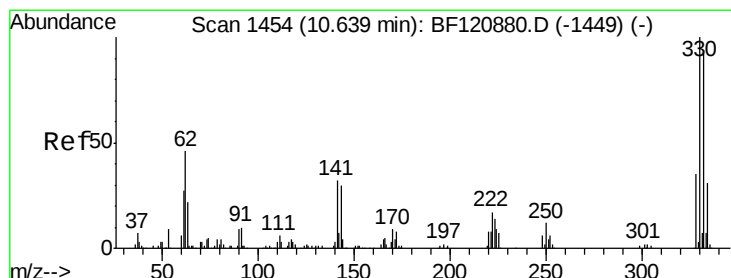
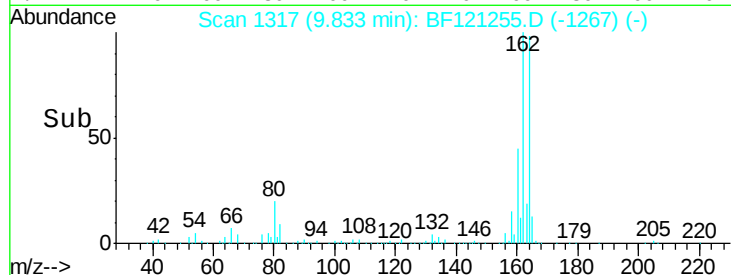
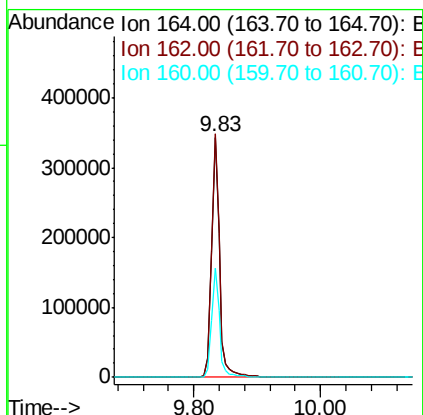
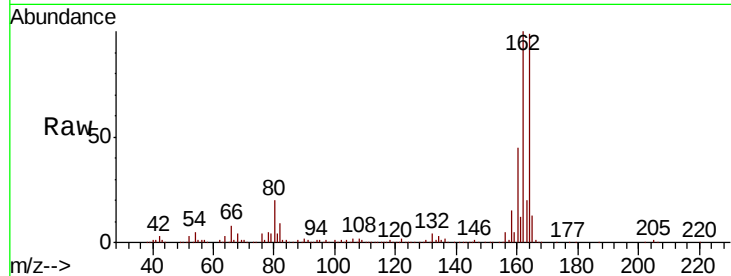




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

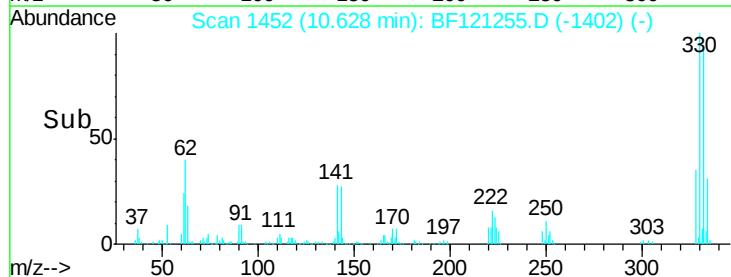
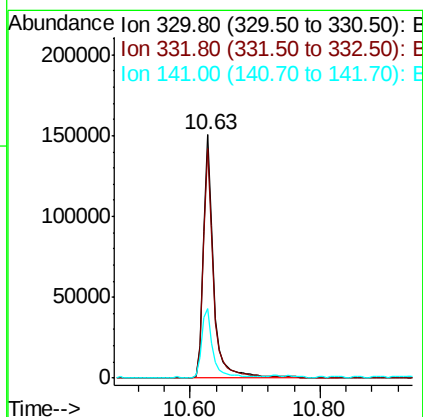
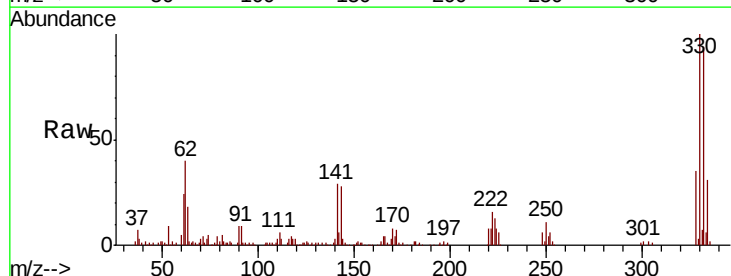
Instrument :
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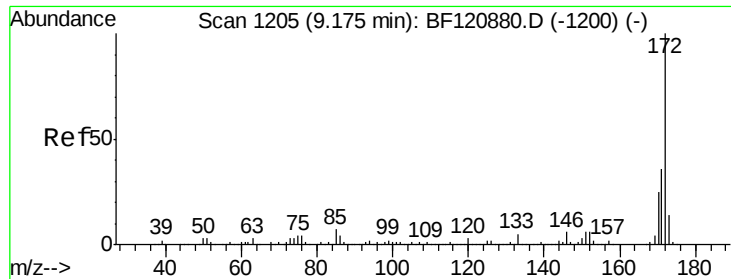
Tot Ion:164 Resp: 312532
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.2
160 45.5 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 48.217 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

Tgt Ion:330 Resp: 164950
Ion Ratio Lower Upper
330 100
332 94.4 76.1 114.1
141 29.9 24.1 36.1

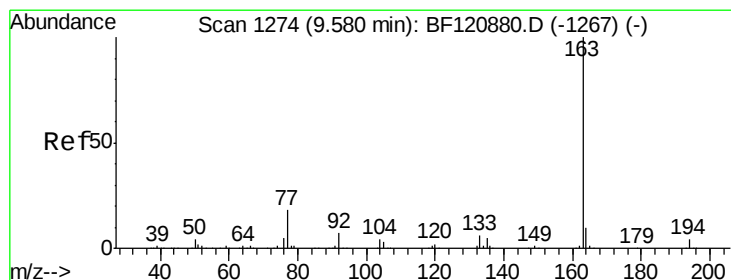
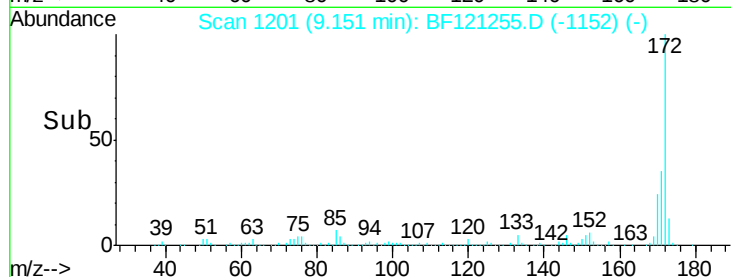
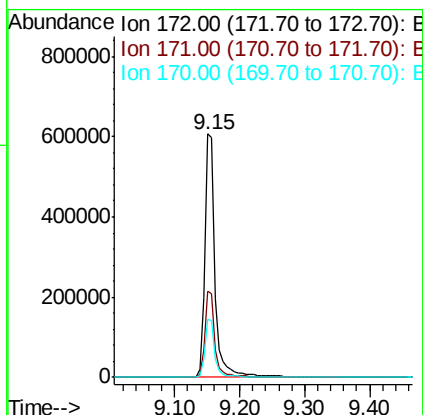
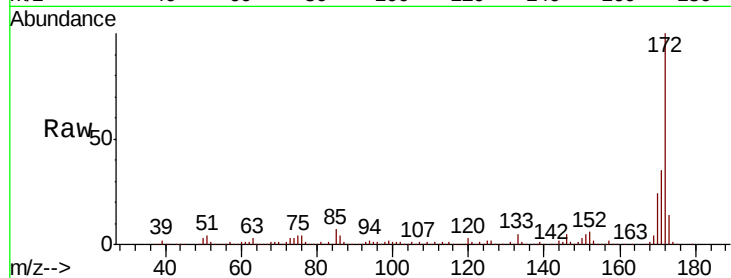




#45
2-Fluorobiphenyl
Concen: 31.790 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

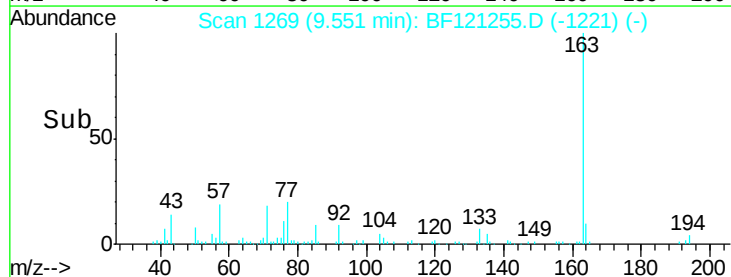
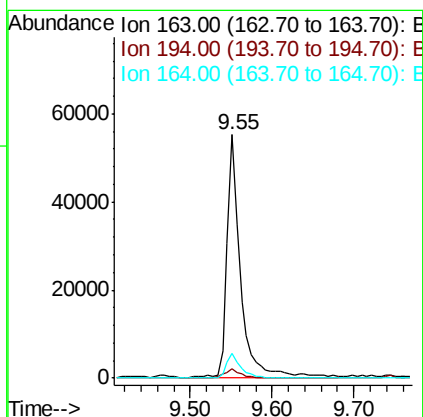
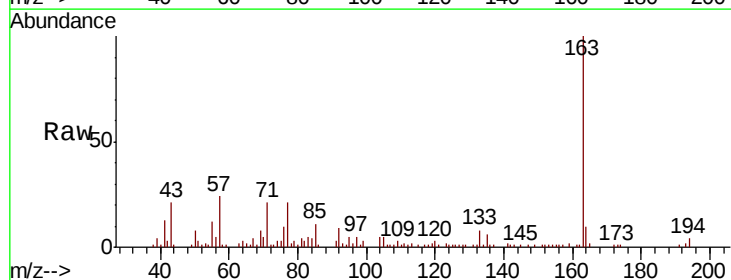
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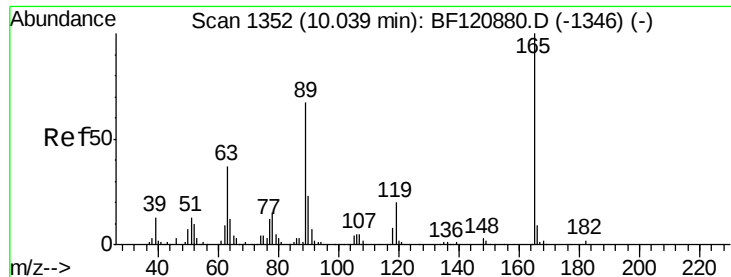
Tot Ion:172 Resp: 665453
Ion Ratio Lower Upper
172 100
171 35.2 29.0 43.4
170 23.6 19.6 29.4



#50
Dimethylphthalate
Concen: 2.880 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

Tgt Ion:163 Resp: 64939
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 10.3 8.4 12.6

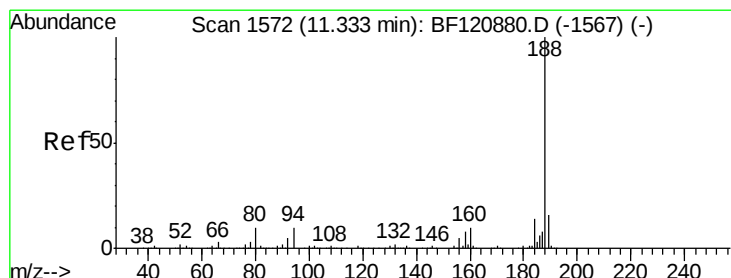
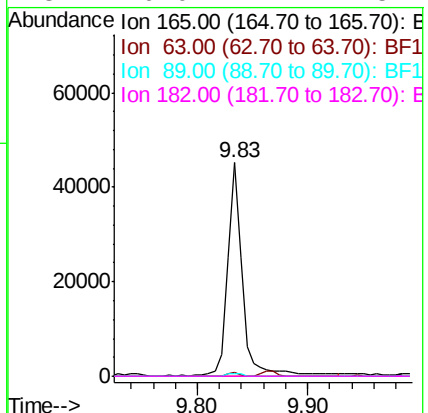
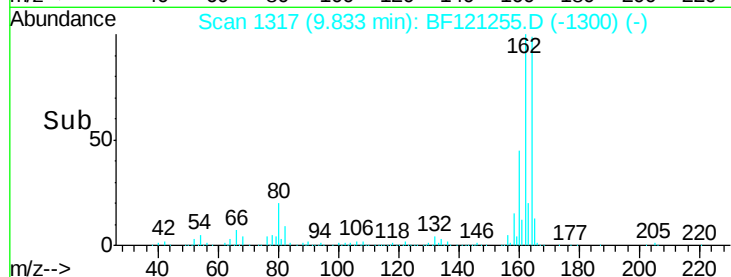
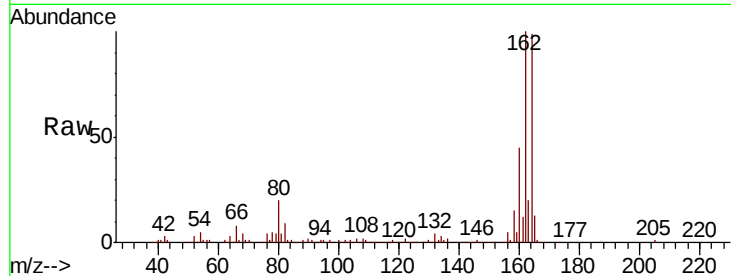




#57
 2,4-Dinitrotoluene
 Concen: 6.783 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.20 min
 Lab File: BF121255.D
 Acq: 11 Aug 2020 22:57

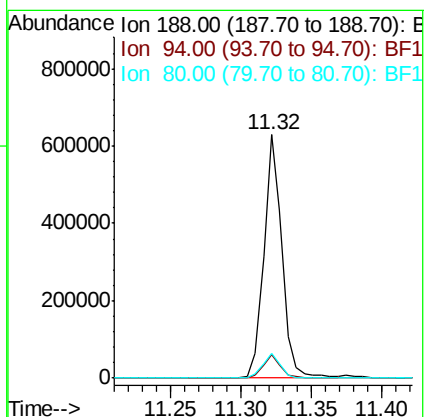
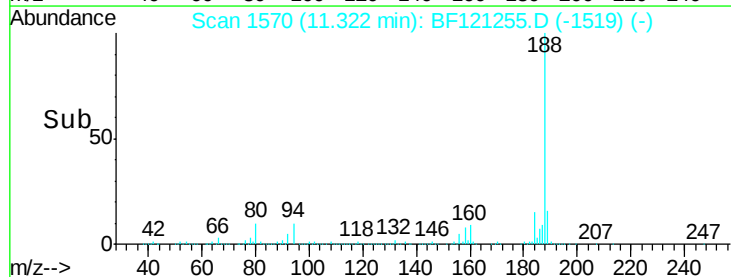
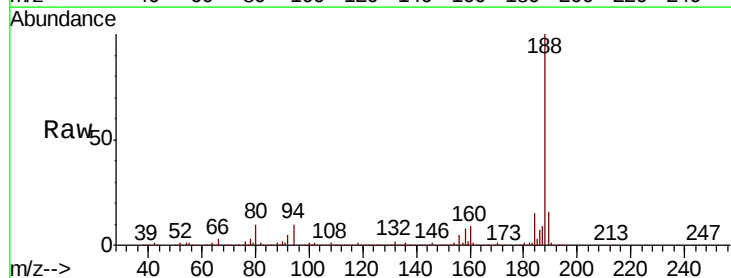
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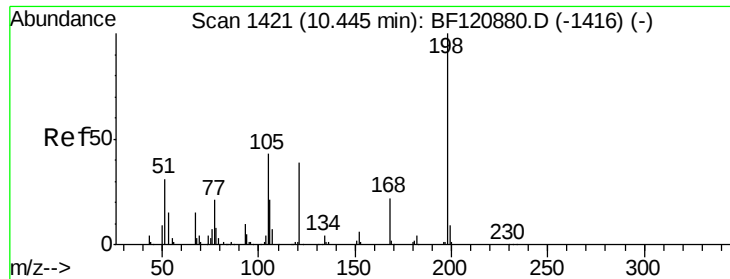
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	29.8	44.8#
89	1.4	50.3	75.5#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF121255.D
 Acq: 11 Aug 2020 22:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	10.0	8.3	12.5





#65

4,6-Dinitro-2-methylphenol

Concen: 3.905 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.19 min

Lab File: BF121255.D

Acq: 11 Aug 2020 22:57

Instrument :

BNA_F

ClientSampleId :

CAR-WASH-AREA-3

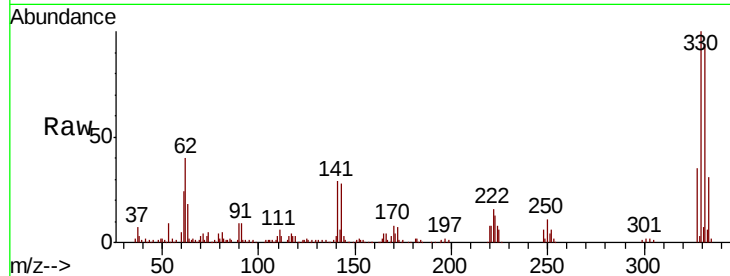
Tot Ion:198 Resp: 225

Ion Ratio Lower Upper

198 100

51 245.7 23.4 63.4#

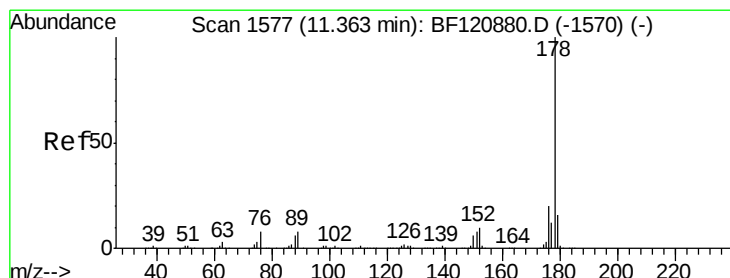
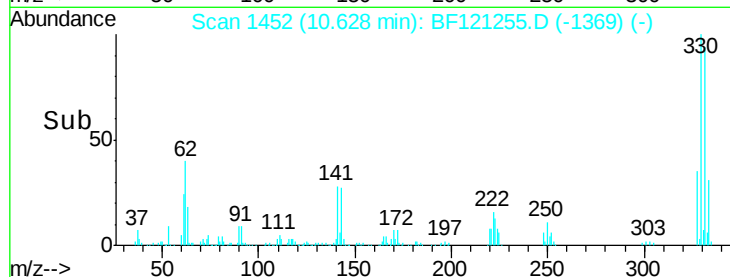
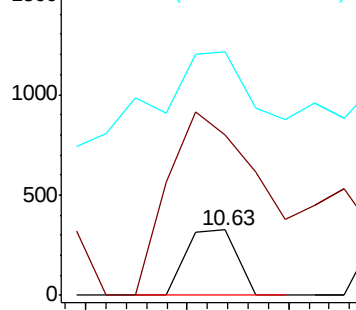
105 372.1 23.7 63.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#71

Phenanthrene

Concen: 6.742 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF121255.D

Acq: 11 Aug 2020 22:57

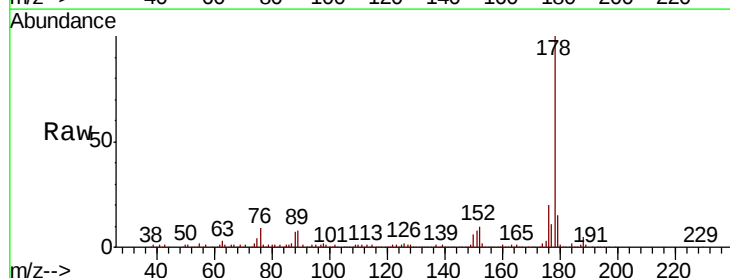
Tgt Ion:178 Resp: 198593

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.2

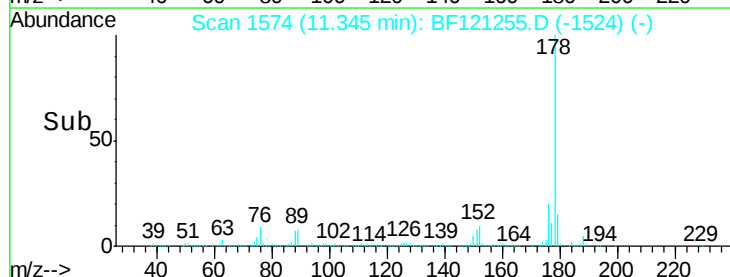
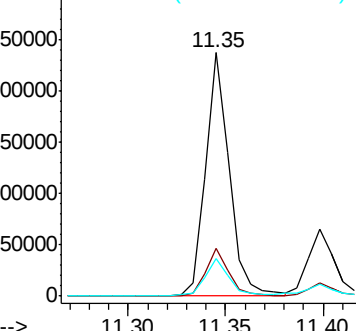
179 15.2 12.6 19.0

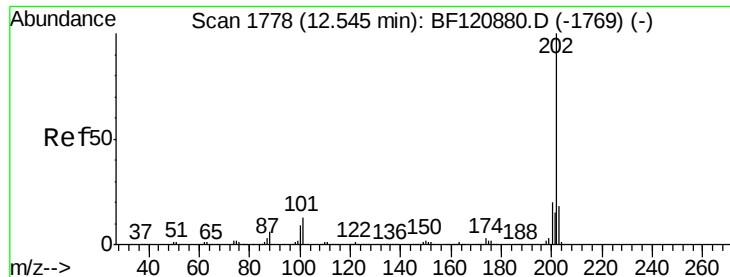


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 9.565 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF121255.D

Acq: 11 Aug 2020 22:57

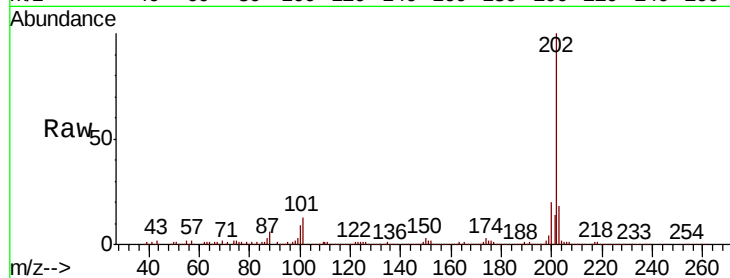
Instrument :

BNA_F

ClientSampleId :

CAR-WASH-AREA-3

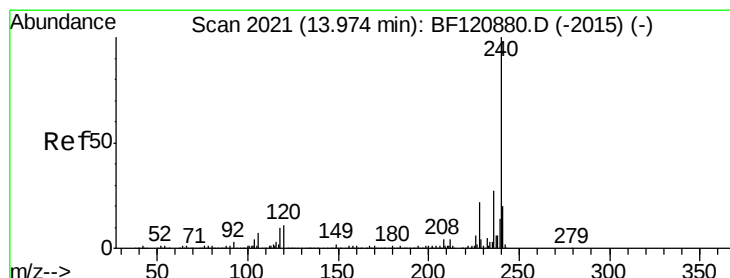
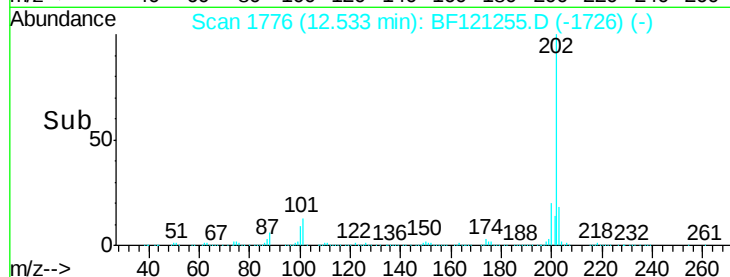
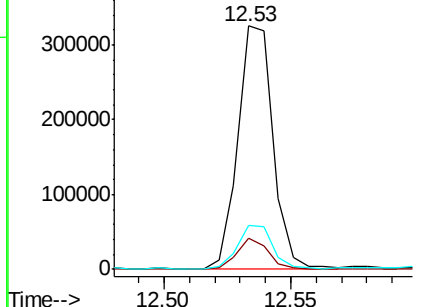
Tot Ion:	202	Resp:	312315
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	30.5
203	18.1	0.0	37.7



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

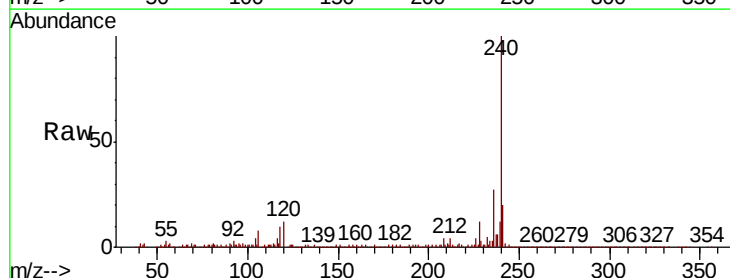
RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF121255.D

Acq: 11 Aug 2020 22:57

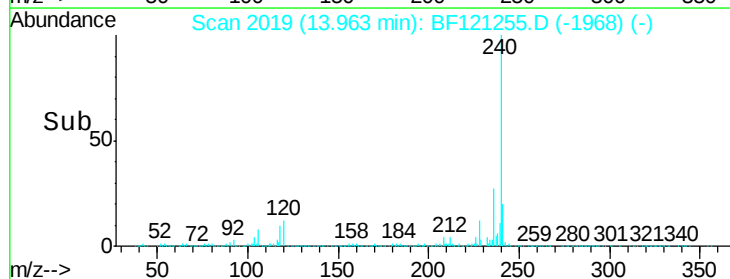
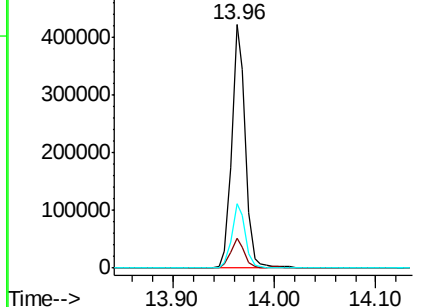
Tgt Ion:	240	Resp:	391610
Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.3	13.9
236	26.7	21.1	31.7

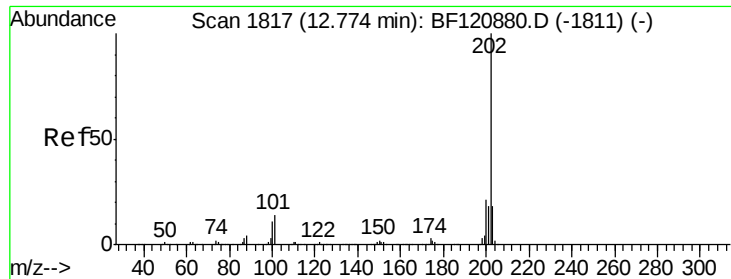


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

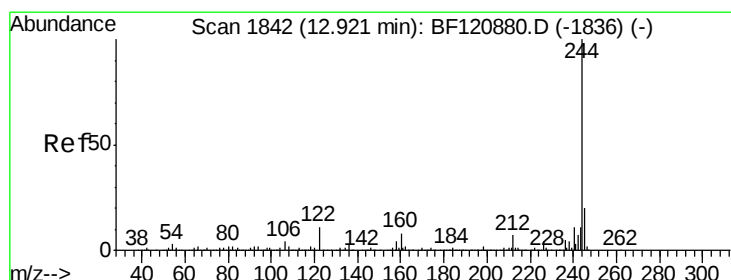
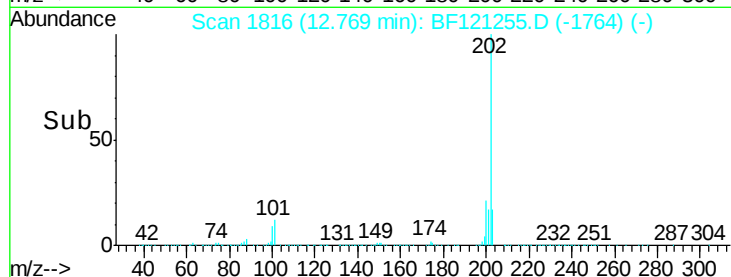
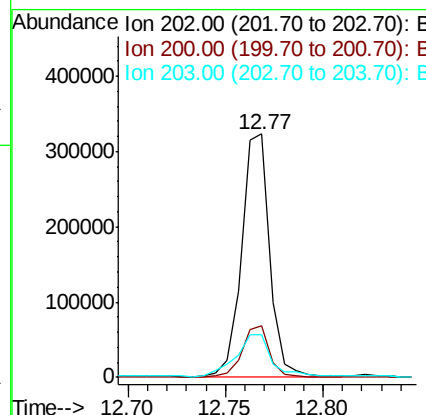
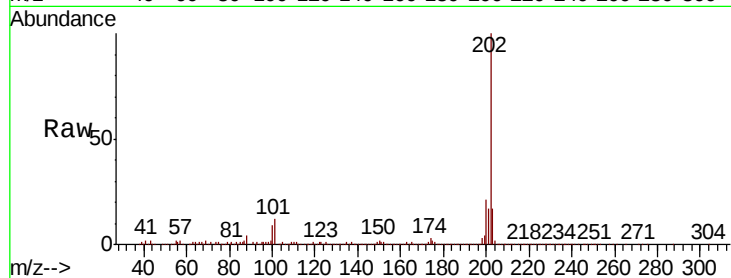




#78
Pvrene
Concen: 11.561 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

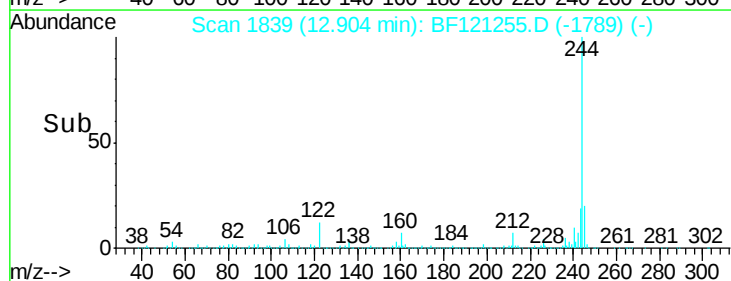
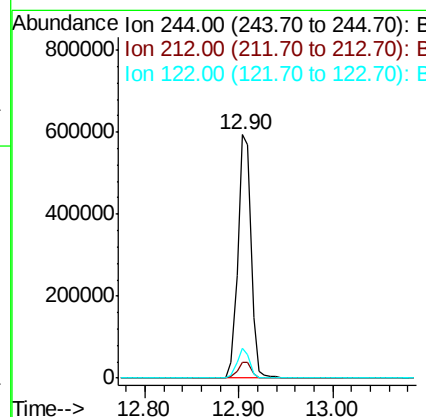
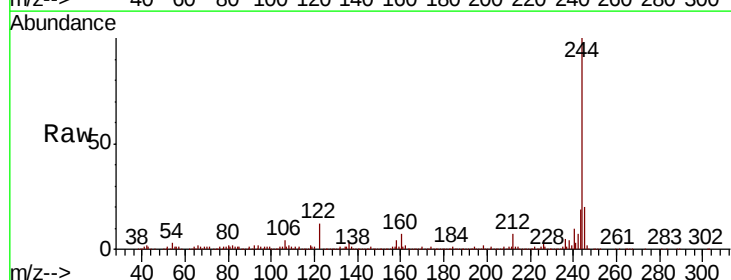
Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-3

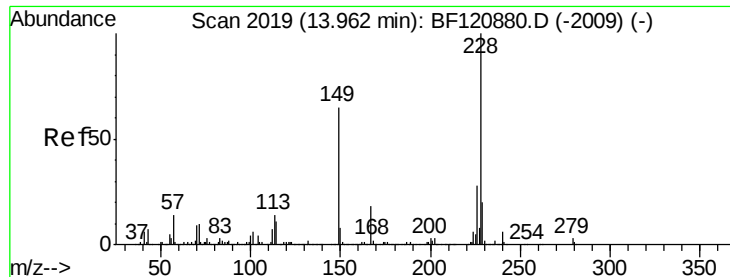
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	17.4	14.6	21.8



#79
Terphenyl-d14
Concen: 32.272 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	12.1	8.3	12.5

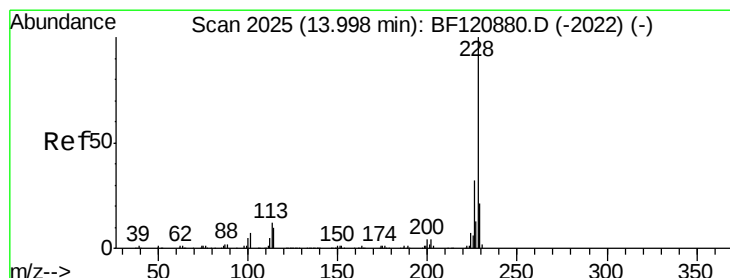
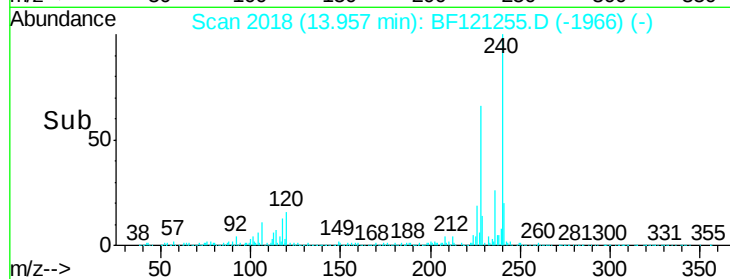
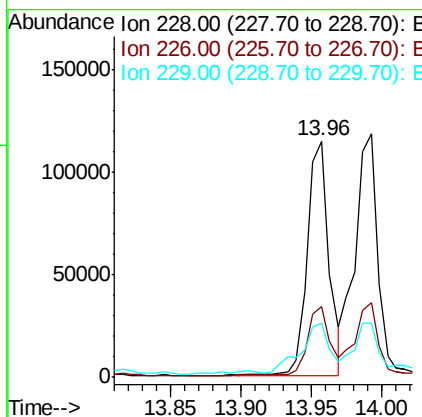
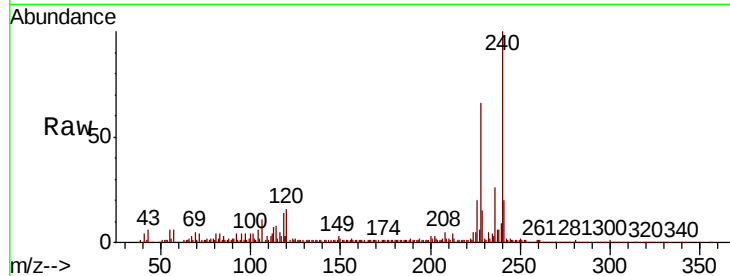




#81
Benzo(a)anthracene
Concen: 5.210 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

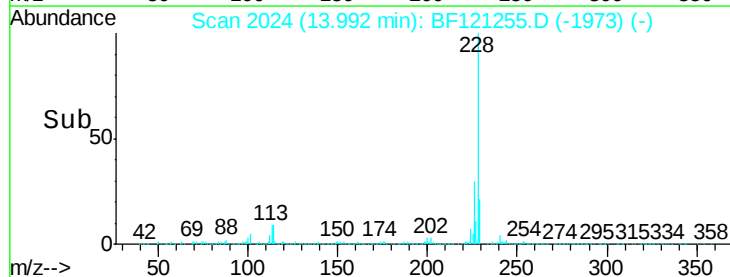
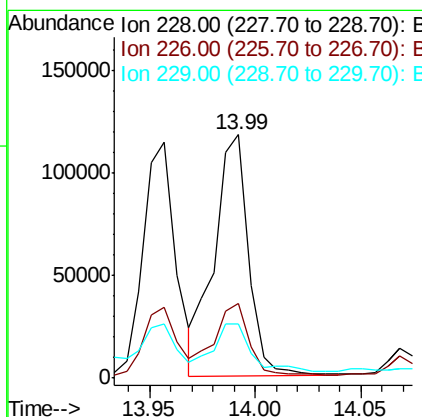
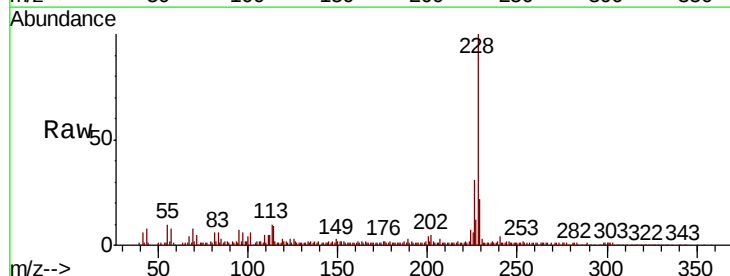
Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-3

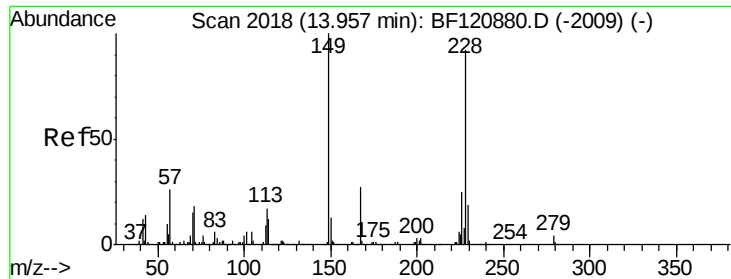
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	34.0
229	22.7	16.1	24.1



#83
Chrysene
Concen: 5.354 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.0
229	22.3	16.2	24.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 8.201 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF121255.D

Acq: 11 Aug 2020 22:57

Instrument :

BNA_F

ClientSampleId :

CAR-WASH-AREA-3

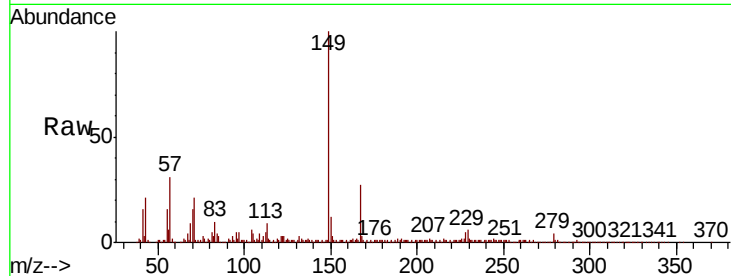
Tot Ion:149 Resp: 124823

Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.6

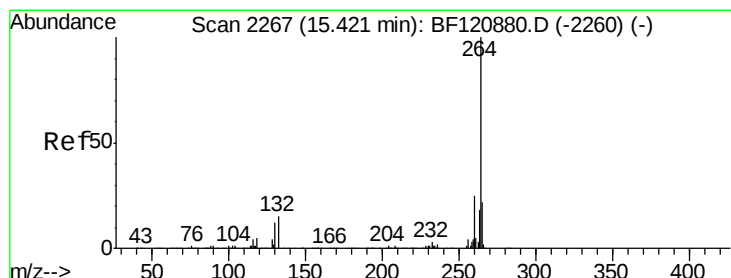
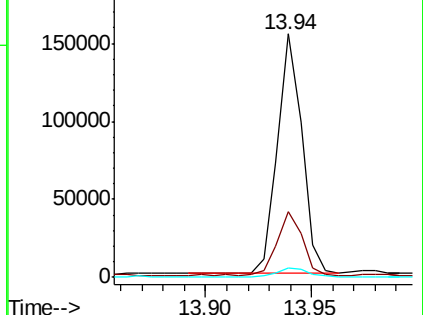
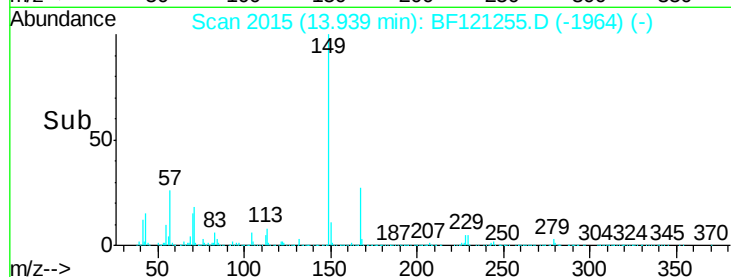
279 3.7 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.02 min

Lab File: BF121255.D

Acq: 11 Aug 2020 22:57

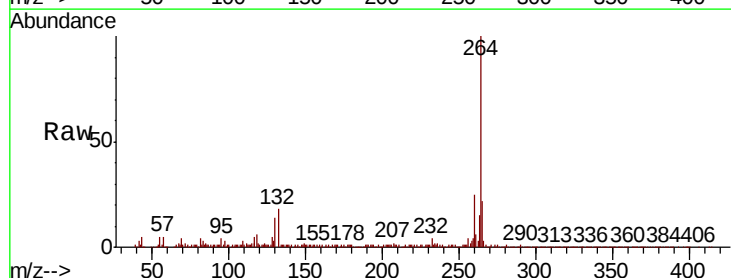
Tgt Ion:264 Resp: 396577

Ion Ratio Lower Upper

264 100

260 24.6 19.9 29.9

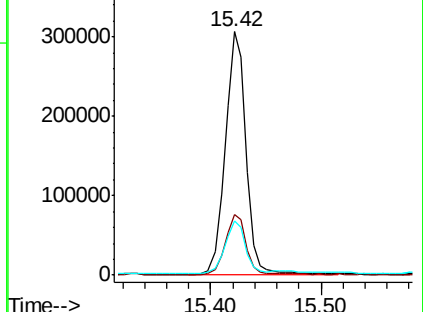
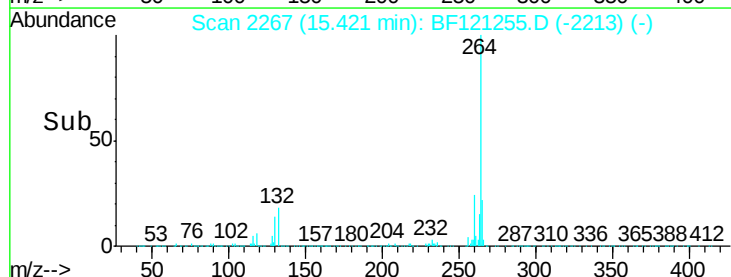
265 22.5 17.8 26.8

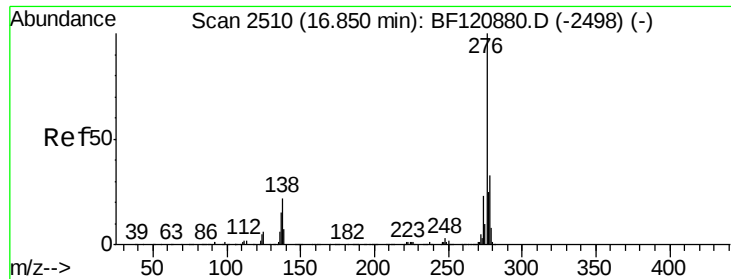


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

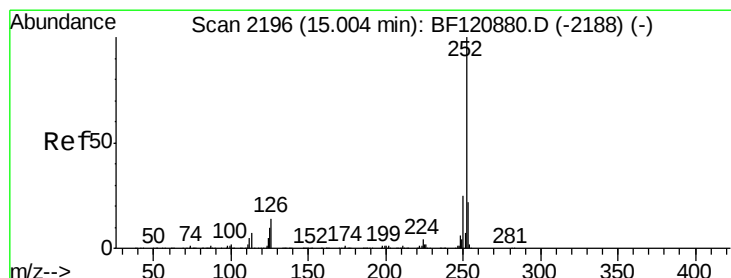
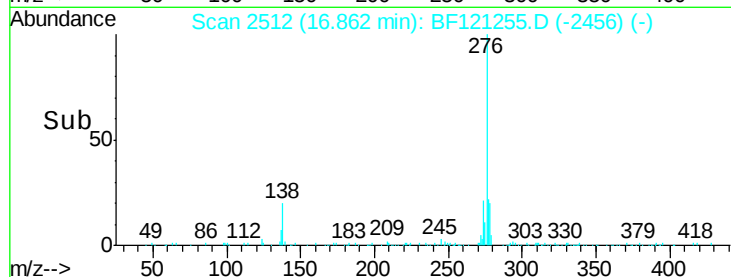
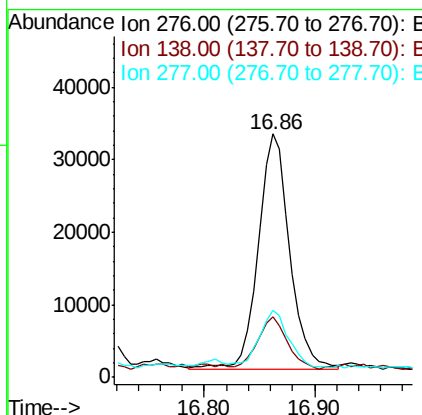
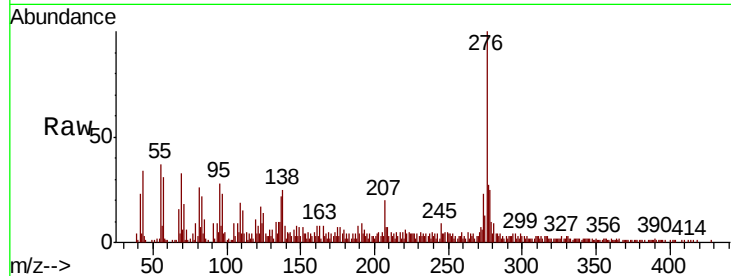




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.349 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.03 min
 Lab File: BF121255.D
 Acq: 11 Aug 2020 22:57

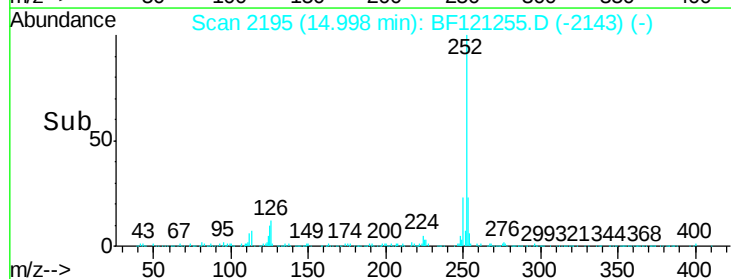
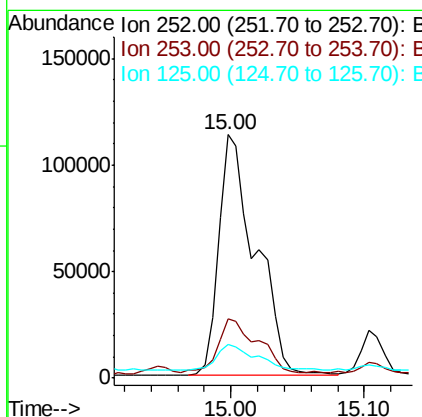
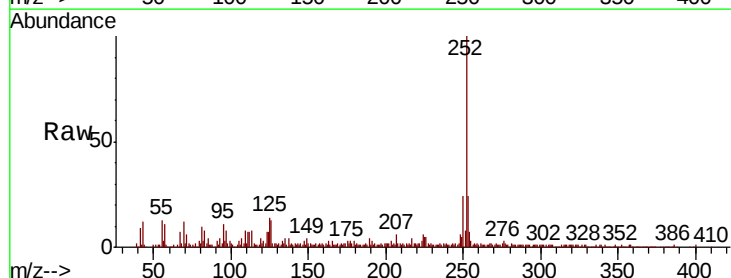
Instrument :
 BNA_F
 ClientSampleId :
 CAR-WASH-AREA-3

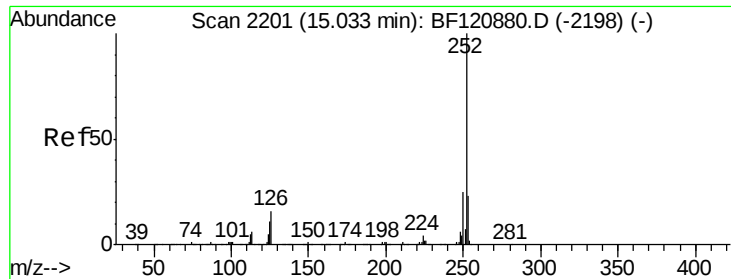
Tot Ion:276 Resp: 64773
 Ion Ratio Lower Upper
 276 100
 138 21.5 19.3 28.9
 277 23.0 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 9.086 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BF121255.D
 Acq: 11 Aug 2020 22:57

Tgt Ion:252 Resp: 217817
 Ion Ratio Lower Upper
 252 100
 253 24.4 17.9 26.9
 125 13.6 8.1 12.1#

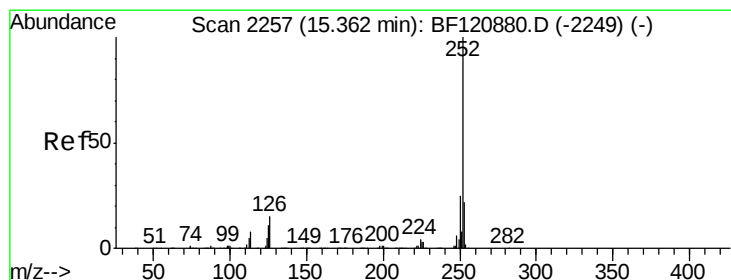
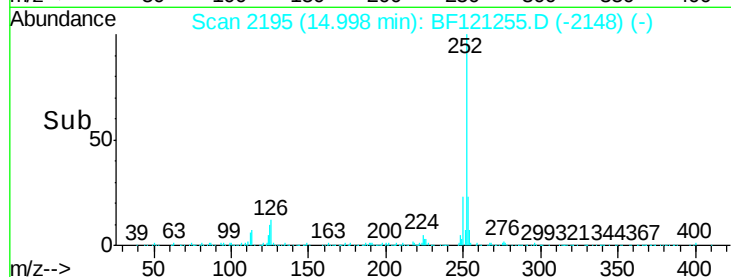
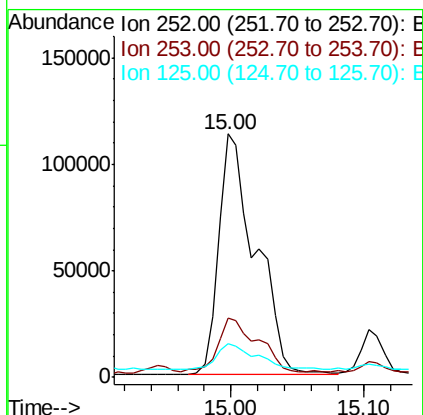
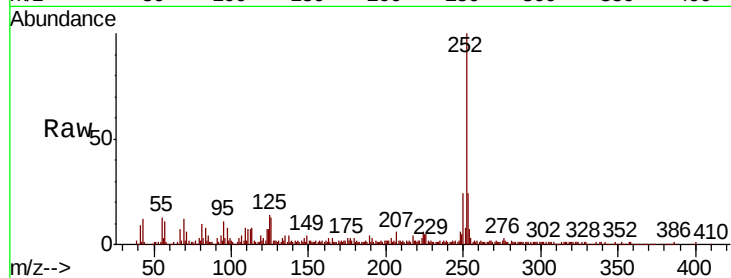




#89
Benzo(k)fluoranthene
Concen: 9.963 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

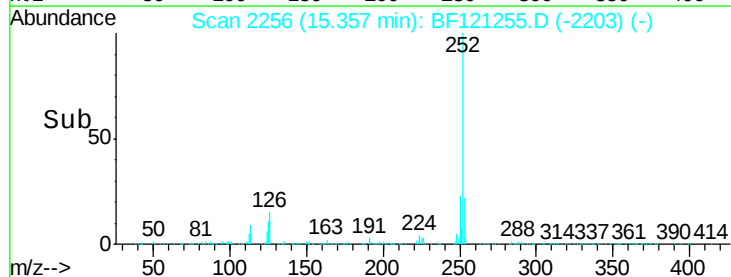
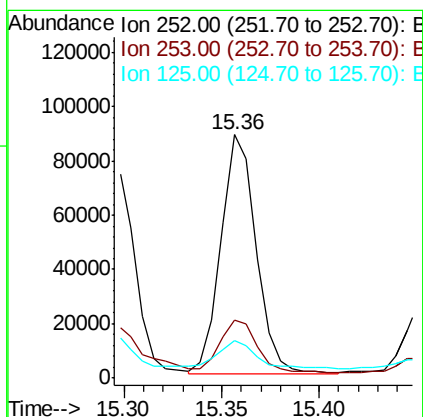
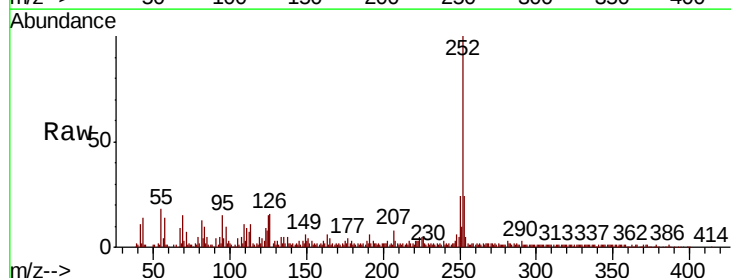
Instrument :
BNA_F
ClientSampleId :
CAR-WASH-AREA-3

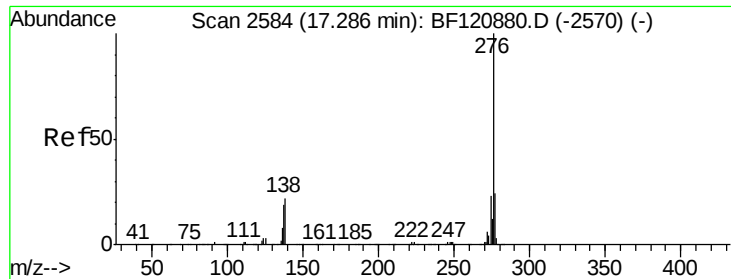
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	13.6	8.0	12.0



#90
Benzo(a)pyrene
Concen: 5.095 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121255.D
Acq: 11 Aug 2020 22:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	15.2	9.5	14.3

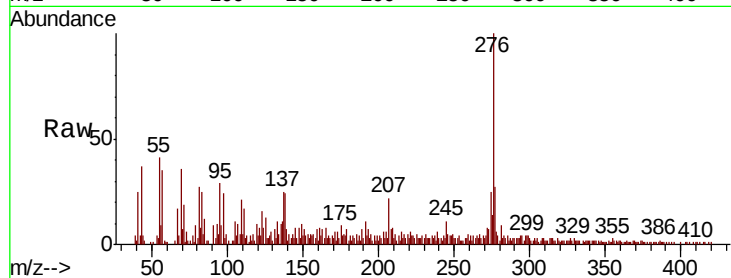




#92
 Benzo(a,h,i)perylene
 Concen: 2.802 ng
 RT: 17.30 min Scan# 2586
 Delta R.T. 0.04 min
 Lab File: BF121255.D
 Acq: 11 Aug 2020 22:57

Instrument :
 BNA_F
 ClientSampleId :
 CAR-WASH-AREA-3

Tot Ion:	276	Resp:	62252
Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.4	29.0
138	24.2	17.2	25.8



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

