

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
 Data File : BF120270.D
 Acq On : 1 May 2020 20:45
 Operator : MA/SJ
 Sample : L2463-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC14-CARWASH

Manual Integrations
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Quant Time: May 02 01:58:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 15:26:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	138261	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	498560	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	190938	20.00	ng	-0.01
64) Phenanthrene-d10	11.17	188	346879	20.00	ng	0.00
76) Chrysene-d12	13.82	240	266032	20.00	ng	-0.01
87) Perylene-d12	15.22	264	348450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	696481	87.06	ng	0.00
7) Phenol-d6	6.30	99	852412	82.69	ng	-0.01
23) Nitrobenzene-d5	7.22	82	533371	55.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.48	330	174906	74.82	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	1123209	83.52	ng	0.00
79) Terphenyl-d14	12.76	244	865748	54.76	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.41	163	91902	6.223	ng	99
71) Phenanthrene	11.20	178	139703	7.567	ng	96
72) Anthracene	11.25	178	37741	2.001	ng	97
75) Fluoranthene	12.39	202	261821	13.144	ng	97
78) Pyrene	12.62	202	285517	12.731	ng	97
81) Benzo(a)anthracene	13.80	228	154395	8.822	ng	98
83) Chrysene	13.84	228	137205	7.716	ng	98
86) Indeno(1,2,3-cd)pyrene	16.56	276	113766m	7.258	ng	
88) Benzo(b)fluoranthene	14.82	252	232539m	9.277	ng	
89) Benzo(k)fluoranthene	14.84	252	72596m	3.357	ng	
90) Benzo(a)pyrene	15.16	252	169735	8.053	ng	99
92) Benzo(a,h,i)perylene	16.97	276	104280	5.659	ng	97

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

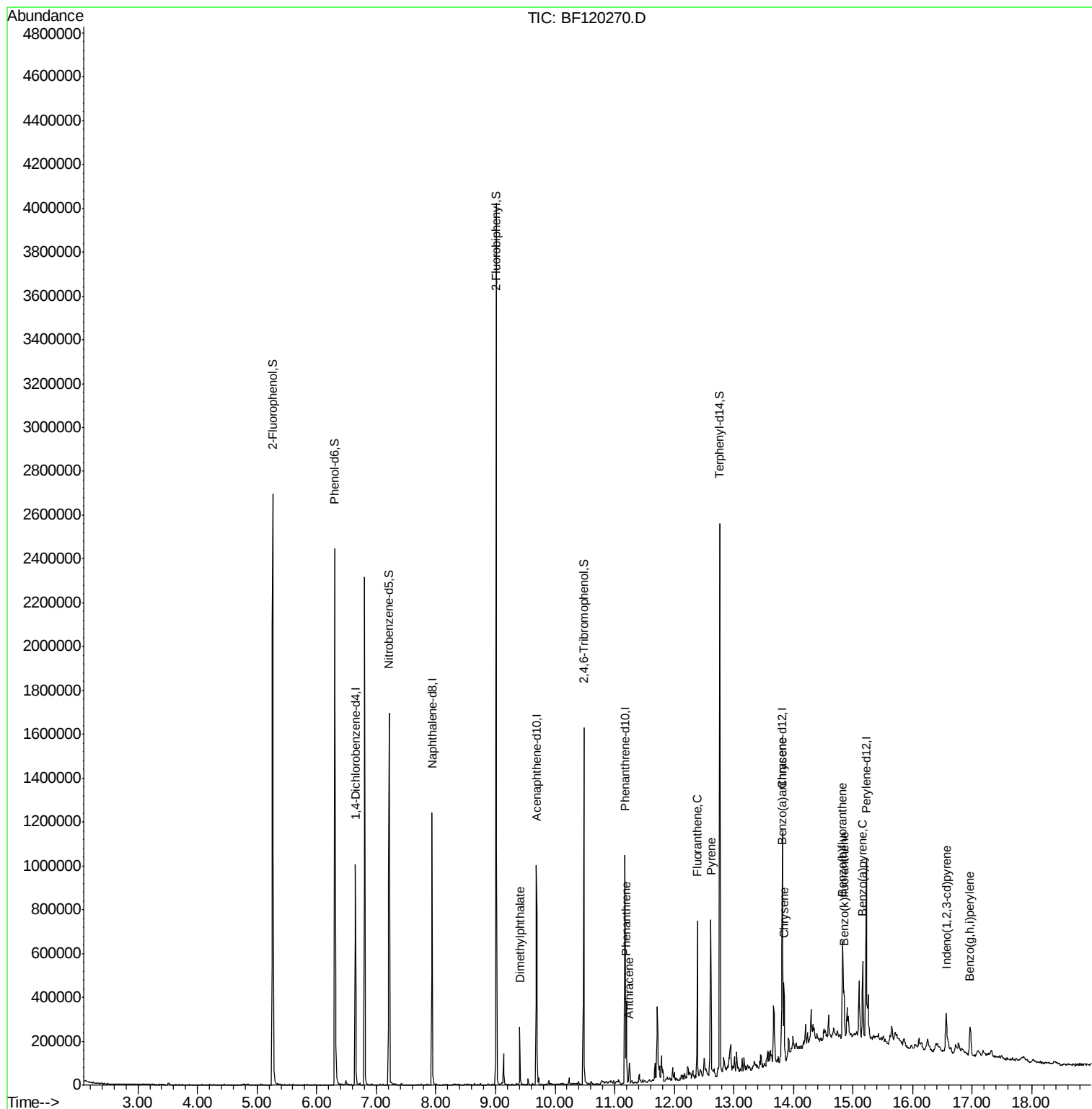
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120270.D
Acq On : 1 May 2020 20:45
Operator : MA/SJ
Sample : L2463-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

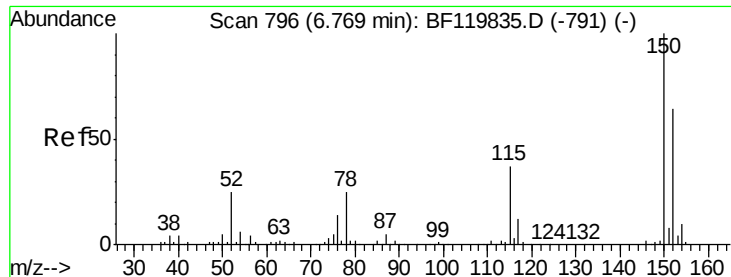
Instrument :
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AOC14-CARWASH

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Quant Time: May 02 01:58:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

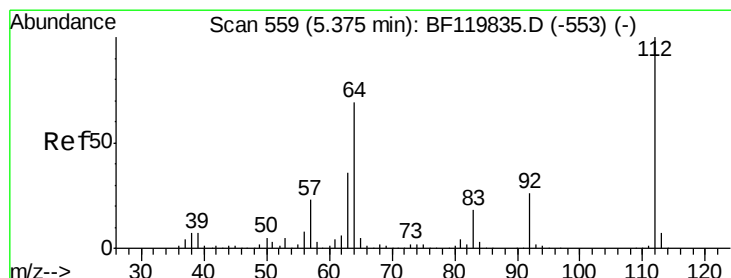
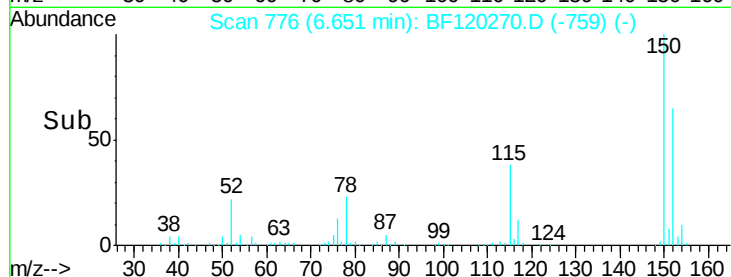
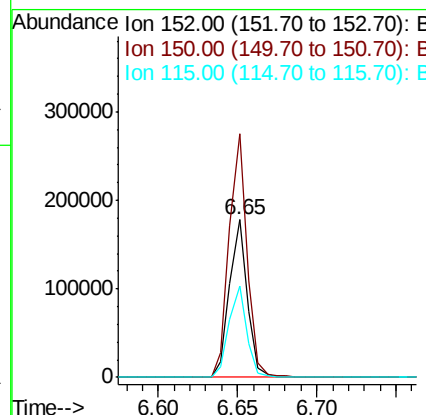
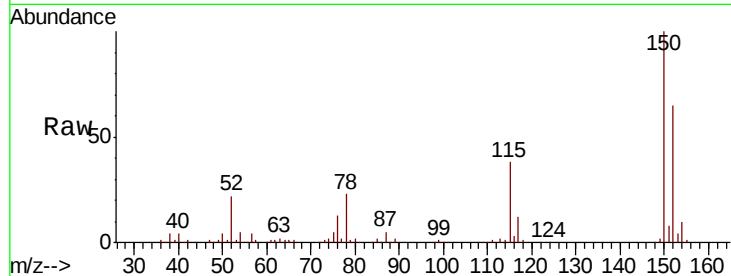
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
AOC14-CARWASH

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.5	186.7
115	58.4	49.6	74.4

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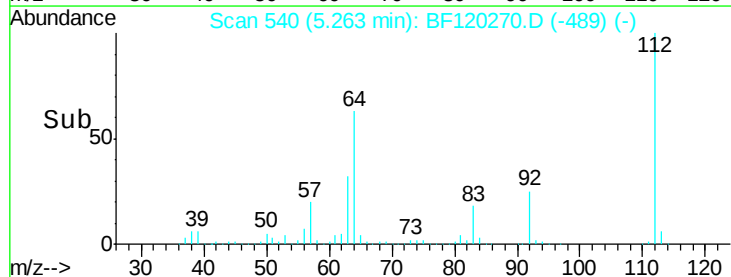
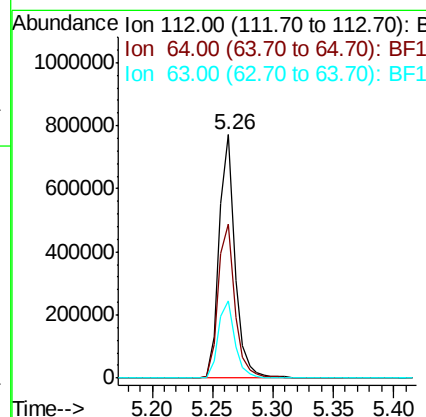
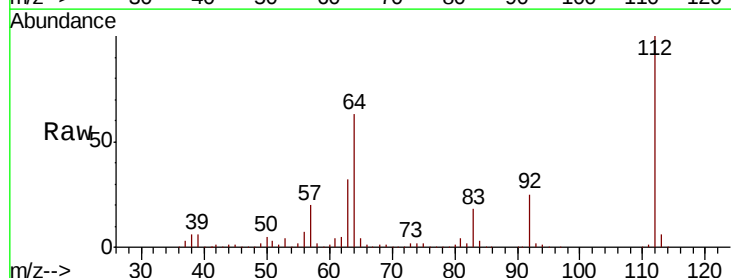
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#5

2-Fluorophenol
Concen: 87.056 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	56.7	85.1
63	31.8	29.5	44.3





#7

Phenol-d6

Concen: 82.687 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120270.D

Acq: 1 May 2020 20:45

Instrument :

BNA_F

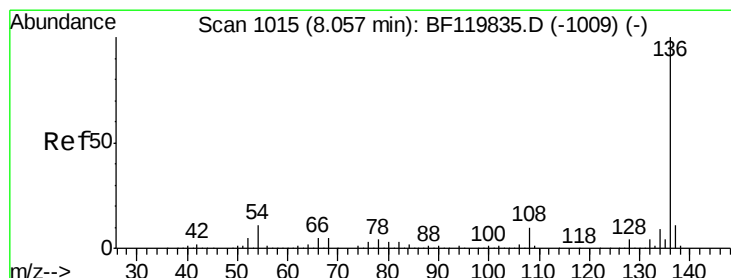
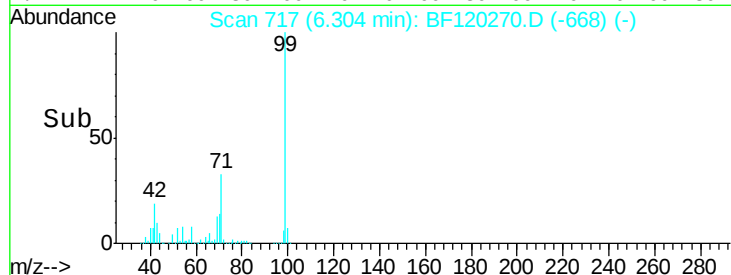
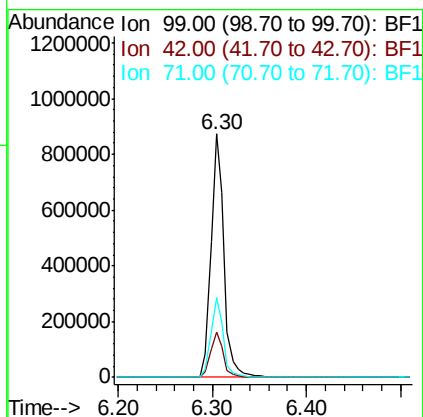
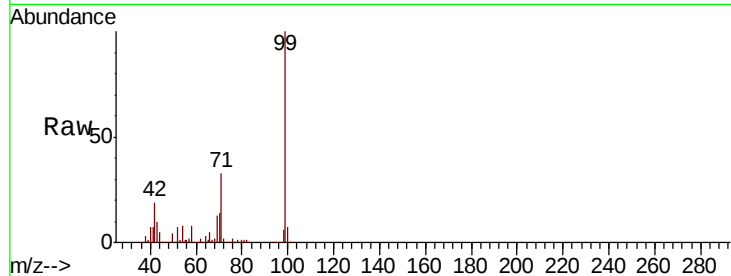
ClientSampleId :

AOC14-CARWASH

Tot Ion:	99	Resp:	852412
Ion Ratio	Lower	Upper	
99	100		
42	18.8	16.6	24.8
71	32.5	26.4	39.6

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#21

Naphthalene-d8

Concen: 20.000 ng

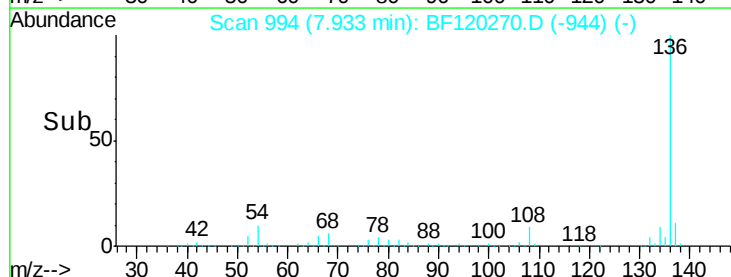
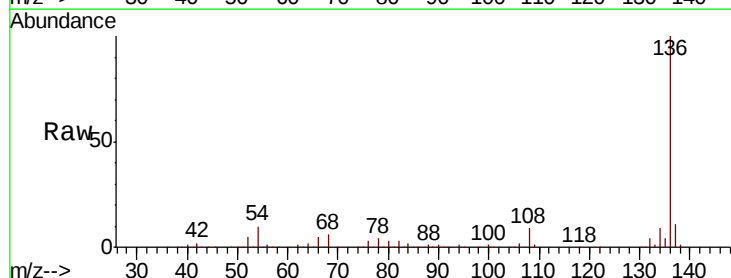
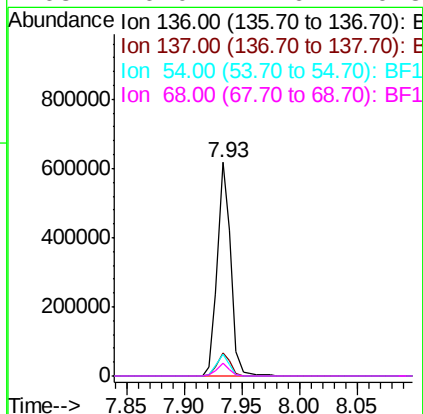
RT: 7.93 min Scan# 994

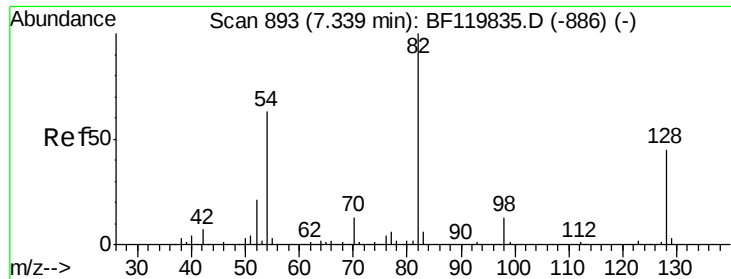
Delta R.T. -0.01 min

Lab File: BF120270.D

Acq: 1 May 2020 20:45

Tgt Ion:	136	Resp:	498560
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	10.1	9.1	13.7
68	6.0	4.6	6.8





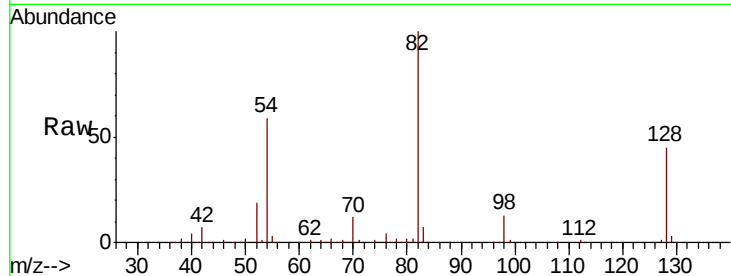
#23
Nitrobenzene-d5
Concen: 55.346 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
AOC14-CARWASH

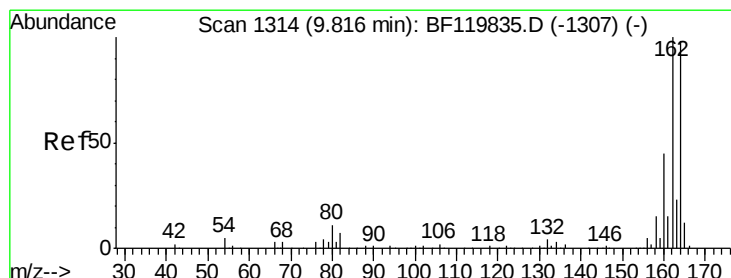
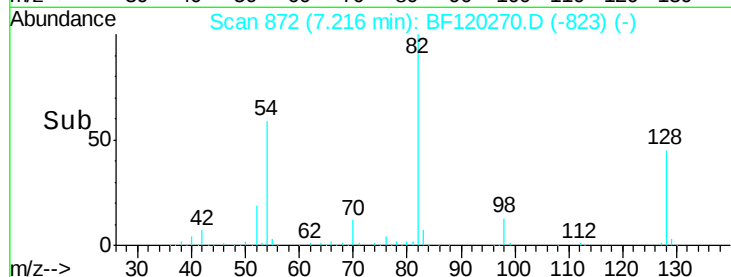
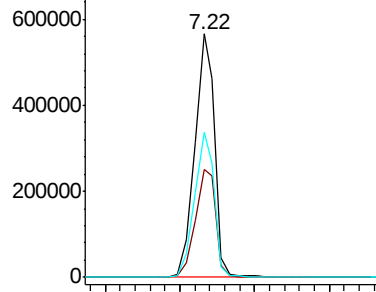
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.3	54.5
54	59.4	50.6	75.8

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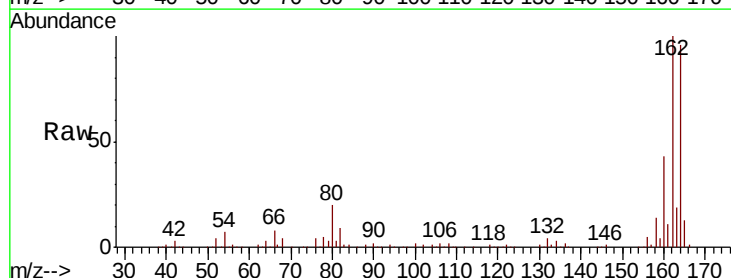


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

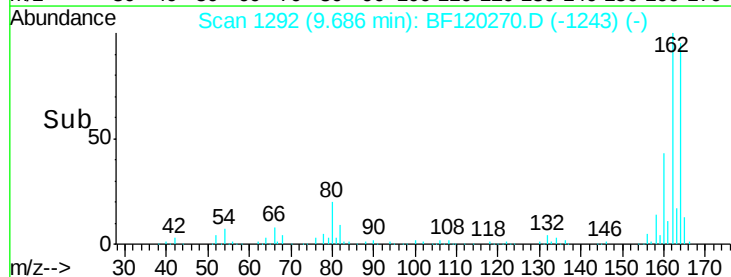
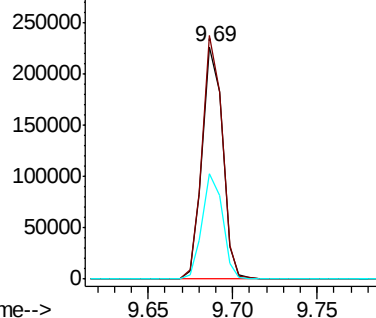


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.6	121.0
160	45.1	35.7	53.5



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





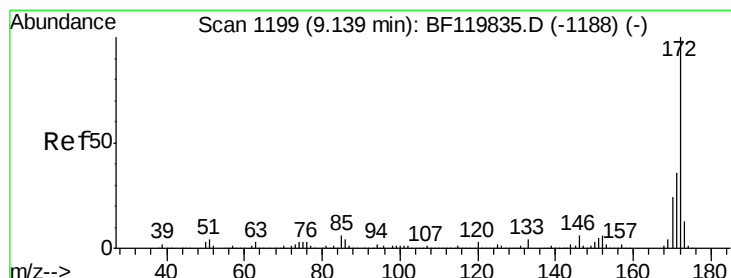
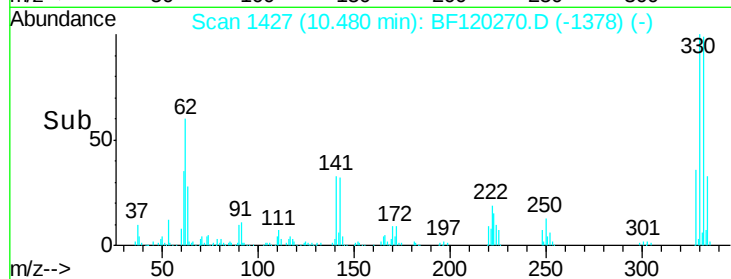
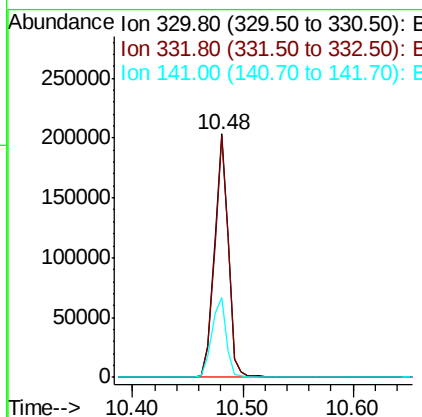
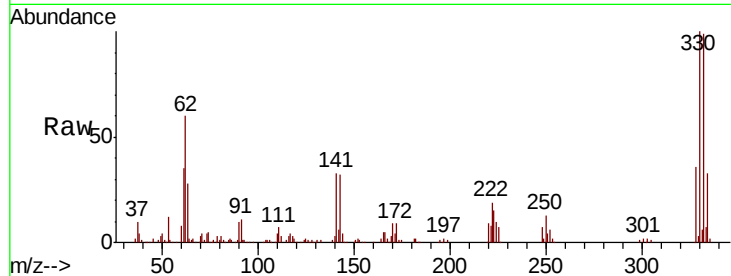
#42
 2,4,6-Tribromophenol
 Concen: 74.819 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF120270.D
 Acq: 1 May 2020 20:45

Instrument :
 BNA_F
 ClientSampleId :
 AOC14-CARWASH

Tot Ion	Ratio	Resp	Lower	Upper
330	100	174906		
332	97.5		75.7	113.5
141	33.8		25.4	38.0

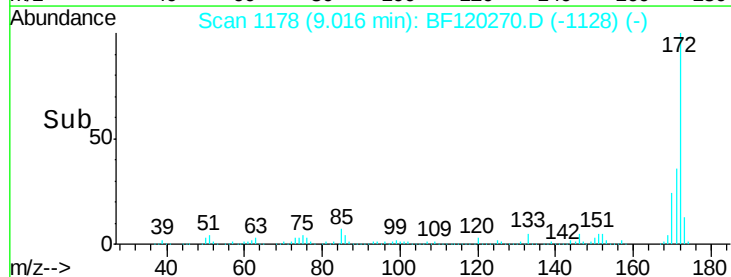
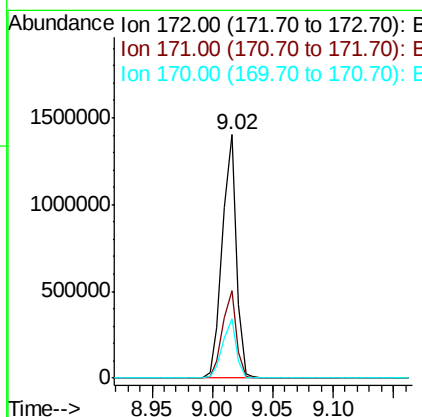
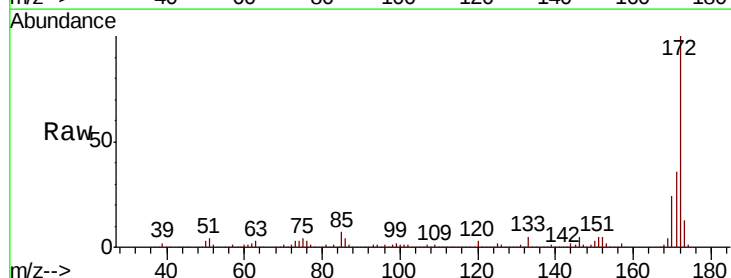
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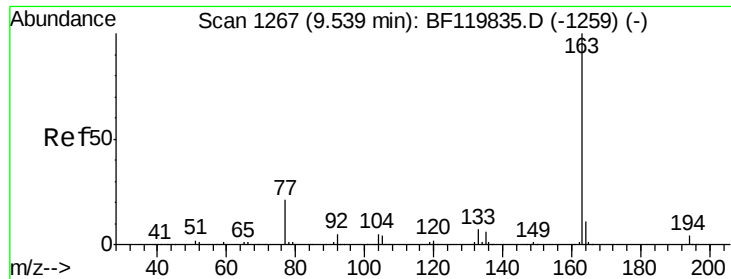
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#45
 2-Fluorobiphenyl
 Concen: 83.520 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120270.D
 Acq: 1 May 2020 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1123209		
171	35.9		29.6	44.4
170	24.3		20.2	30.2





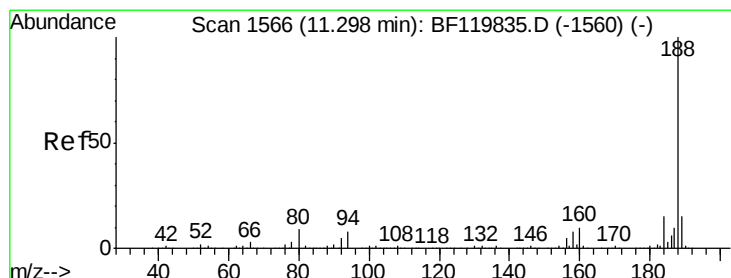
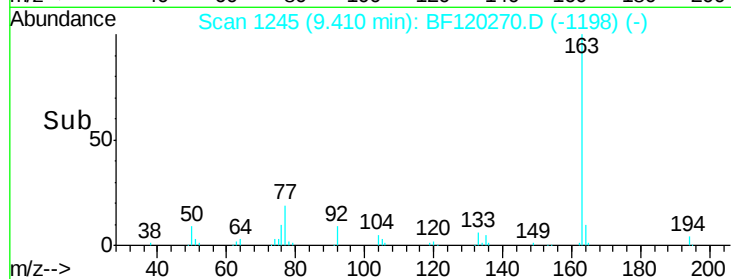
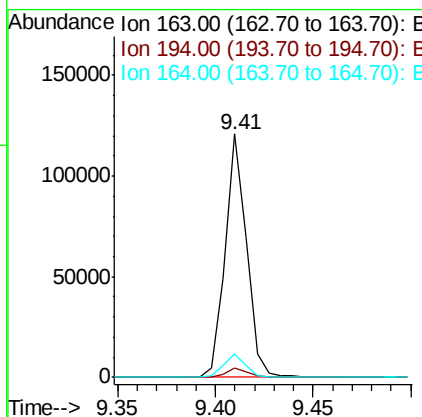
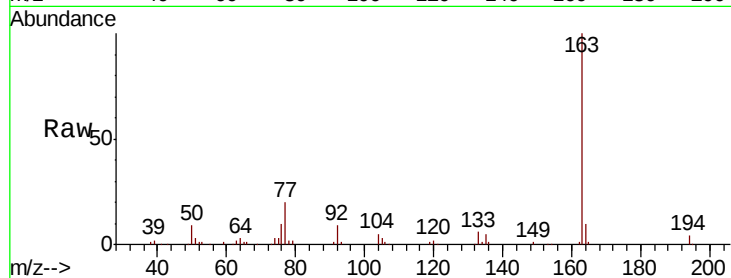
#50
Dimethylphthalate
Concen: 6.223 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
AOC14-CARWASH

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	9.6	8.2	12.2

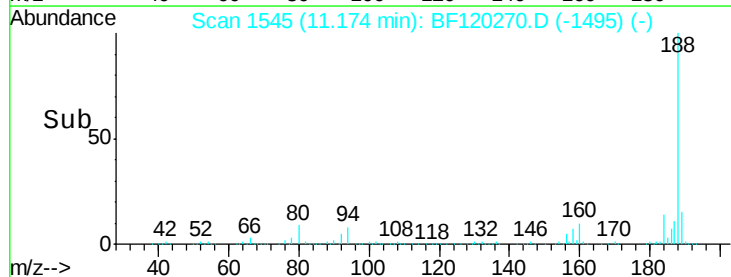
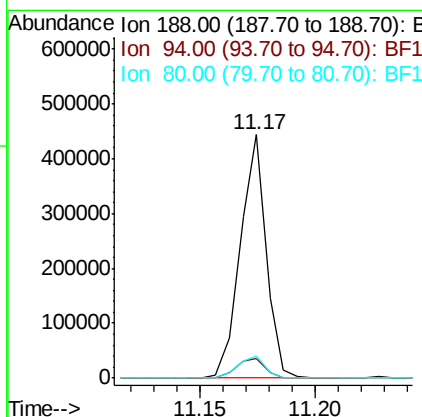
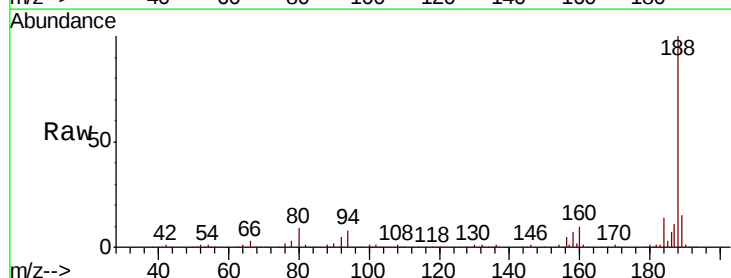
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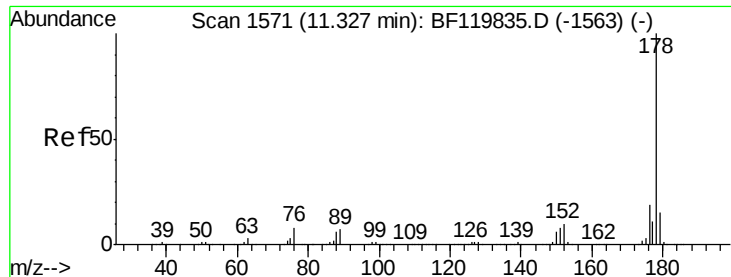
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.5	11.3
80	8.9	9.0	13.4





#71

Phenanthrene

Concen: 7.567 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF120270.D

Acq: 1 May 2020 20:45

Instrument :

BNA_F

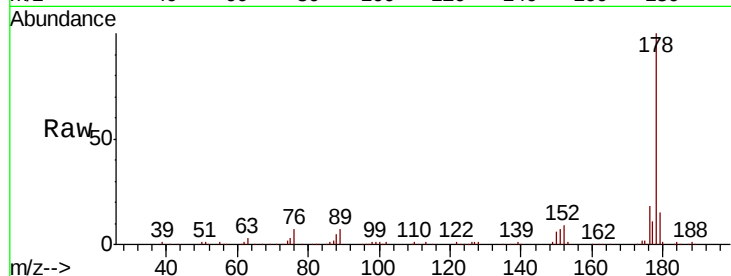
ClientSampleId :

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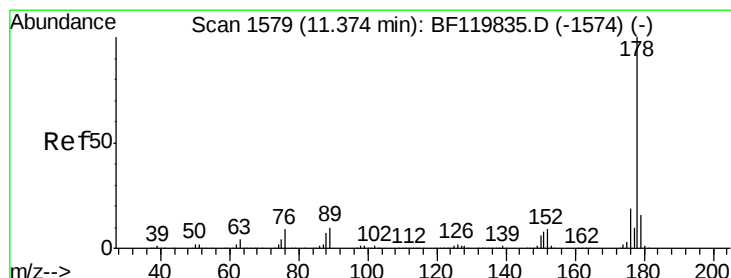
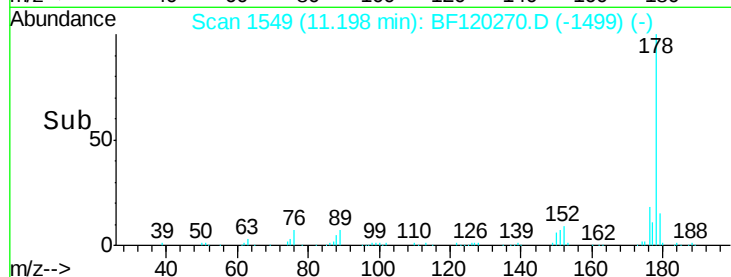
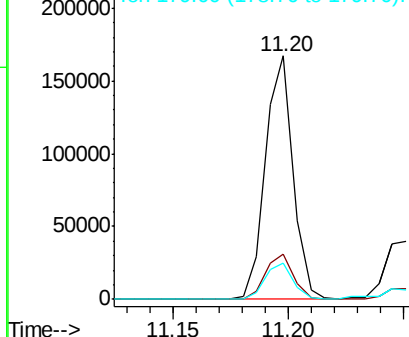
Tot Ion:178	Resp:	139703
Ion Ratio	Lower	Upper
178	100	
176	18.4	16.2 24.4
179	15.2	13.2 19.8

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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



#72

Anthracene

Concen: 2.001 ng

RT: 11.25 min Scan# 1558

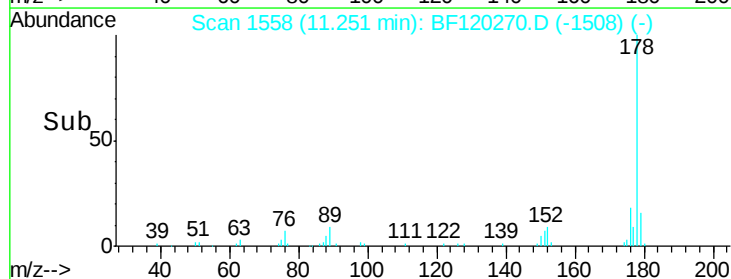
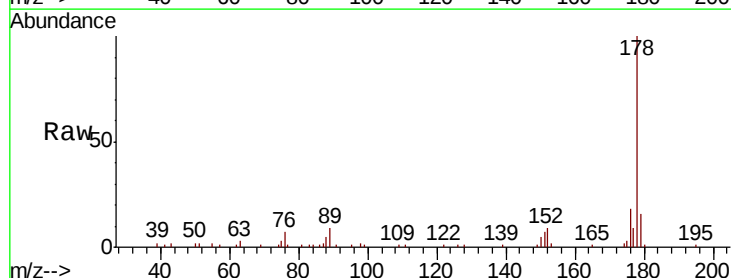
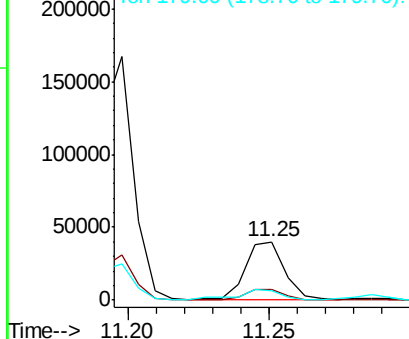
Delta R.T. -0.01 min

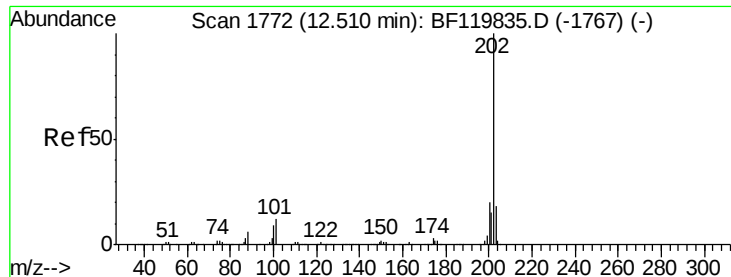
Lab File: BF120270.D

Acq: 1 May 2020 20:45

Tgt Ion:178	Resp:	37741
Ion Ratio	Lower	Upper
178	100	
176	17.9	16.1 24.1
179	16.0	13.0 19.4

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: 13.144 ng

RT: 12.39 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF120270.D

Acq: 1 May 2020 20:45

Instrument :

BNA_F

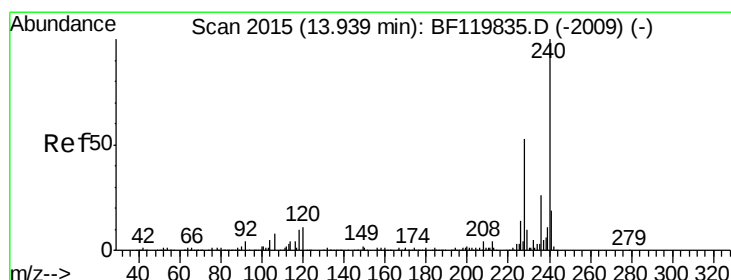
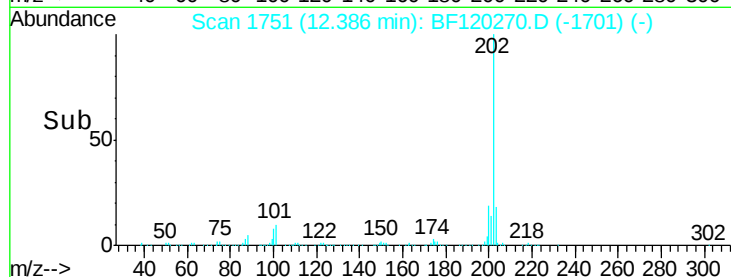
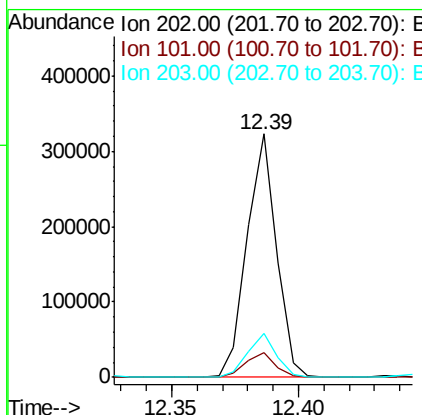
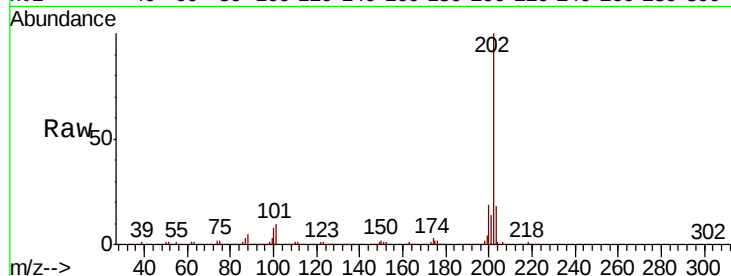
ClientSampleId :

AOC14-CARWASH

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		261821		
101	10.4	0.0	32.2		
203	17.9	0.0	38.8		

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#76

Chrysene-d12

Concen: 20.000 ng

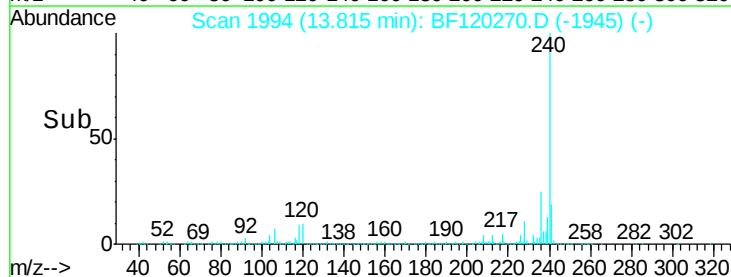
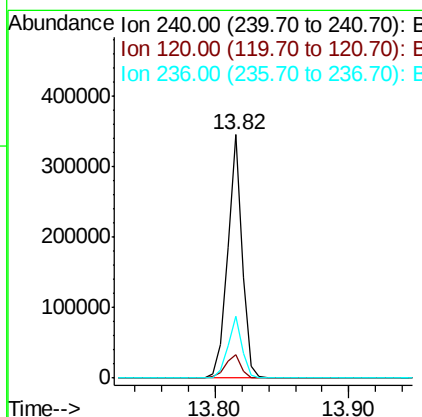
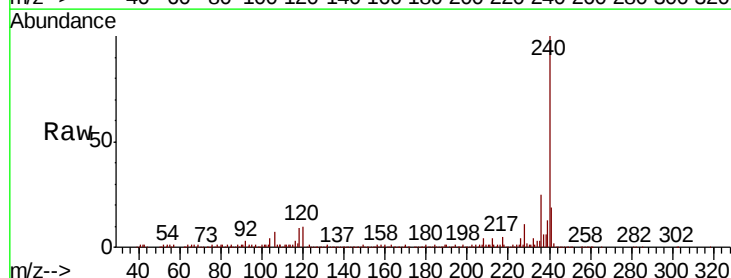
RT: 13.82 min Scan# 1994

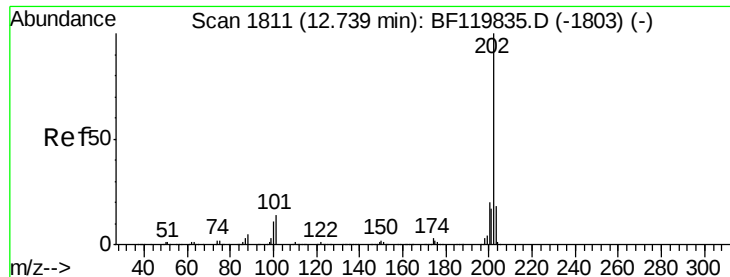
Delta R.T. -0.01 min

Lab File: BF120270.D

Acq: 1 May 2020 20:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		266032		
120	9.8	10.6	15.8#		
236	25.5	20.2	30.2		





#78

Pvrene

Concen: 12.731 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF120270.D

Acq: 1 May 2020 20:45

Instrument :

BNA_F

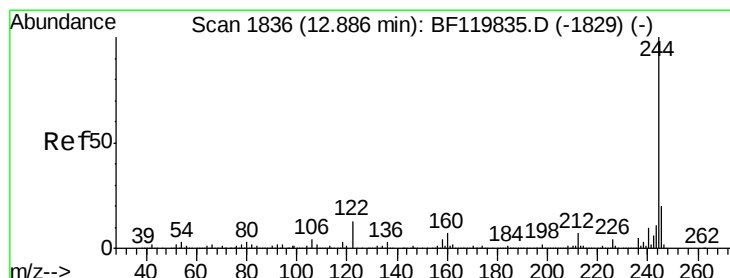
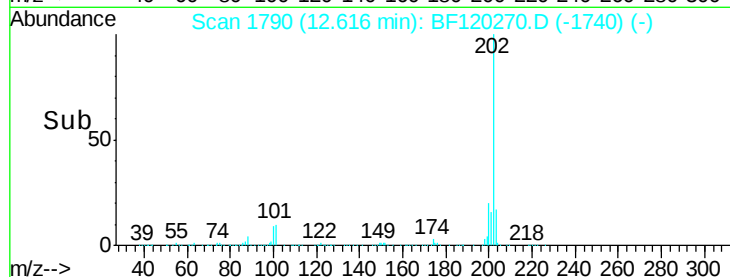
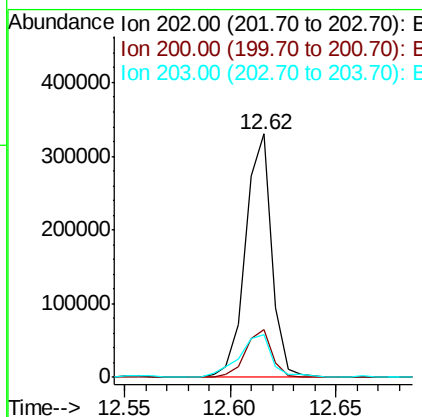
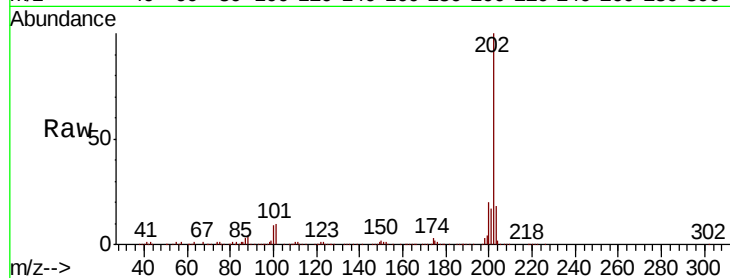
ClientSampleId :

AOC14-CARWASH

Tot Ion:	202	Resp:	285517
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.8	25.2
203	17.7	15.1	22.7

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#79

Terphenyl-d14

Concen: 54.759 ng

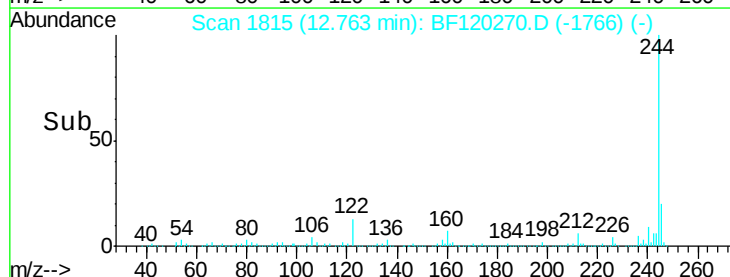
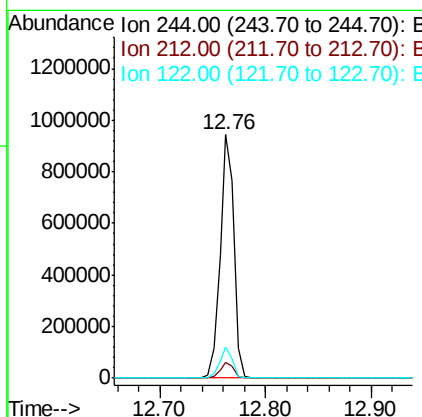
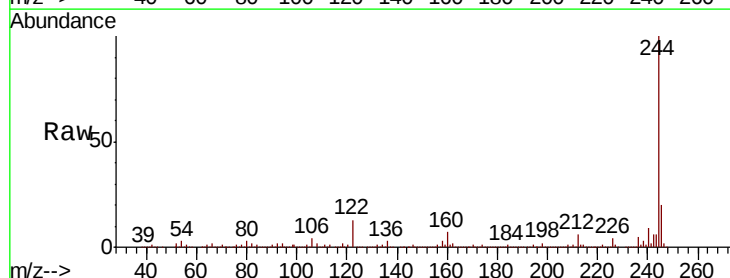
RT: 12.76 min Scan# 1815

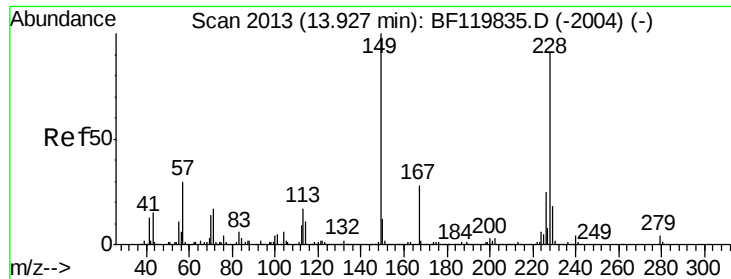
Delta R.T. -0.01 min

Lab File: BF120270.D

Acq: 1 May 2020 20:45

Tgt Ion:	244	Resp:	865748
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.8	8.8
122	12.7	10.3	15.5





#81

Benzo(a)anthracene

Concen: 8.822 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF120270.D

Acq: 1 May 2020 20:45

Instrument :

BNA_F

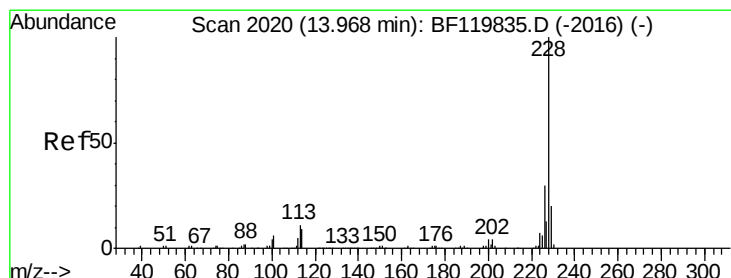
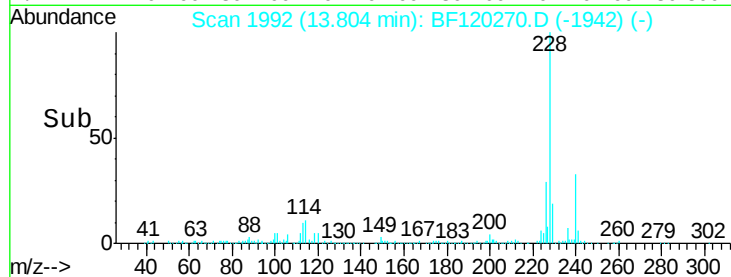
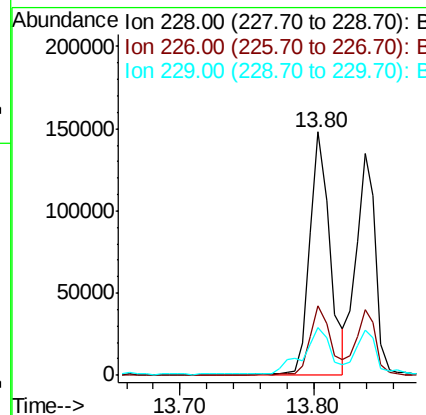
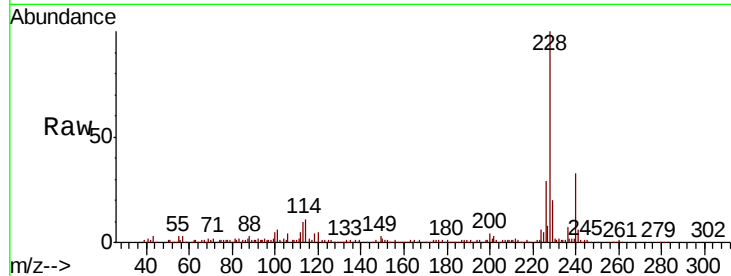
ClientSampleId :

AOC14-CARWASH

Tot Ion:	228	Resp:	154395
Ion Ratio	Lower	Upper	
228	100		
226	28.8	21.8	32.8
229	19.8	16.2	24.4

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#83

Chrysene

Concen: 7.716 ng

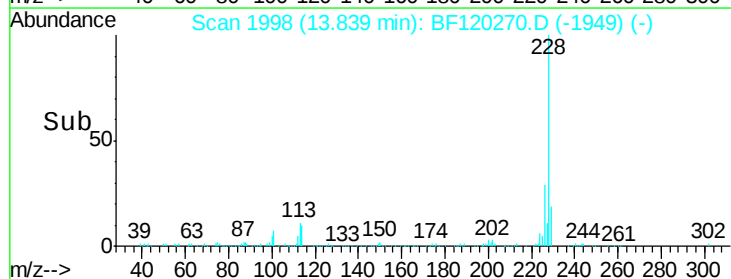
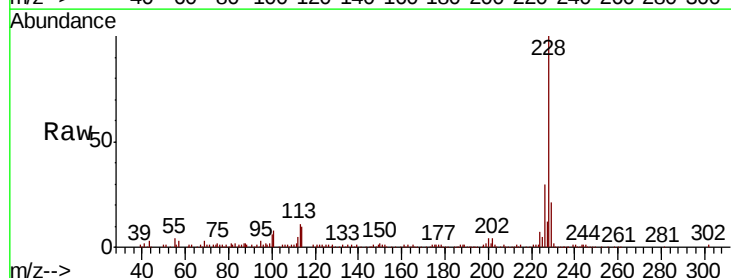
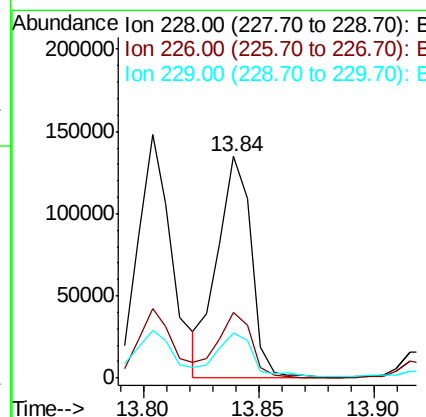
RT: 13.84 min Scan# 1998

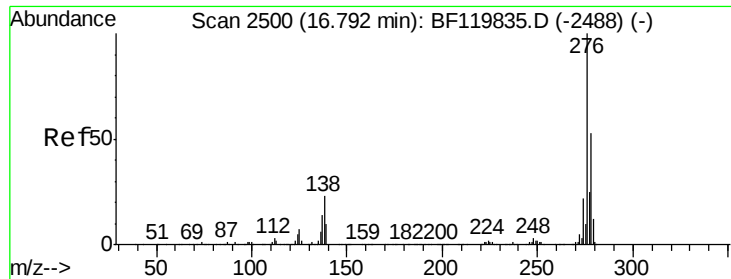
Delta R.T. -0.01 min

Lab File: BF120270.D

Acq: 1 May 2020 20:45

Tgt Ion:	228	Resp:	137205
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.4	38.0
229	20.7	16.6	24.8





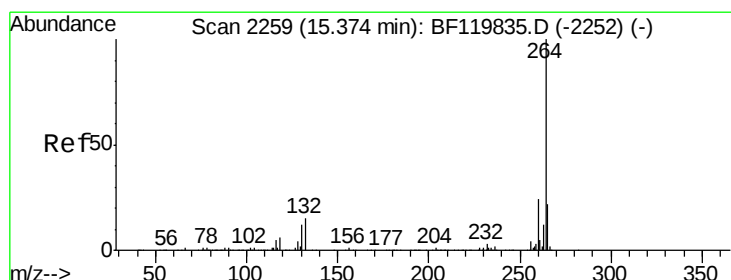
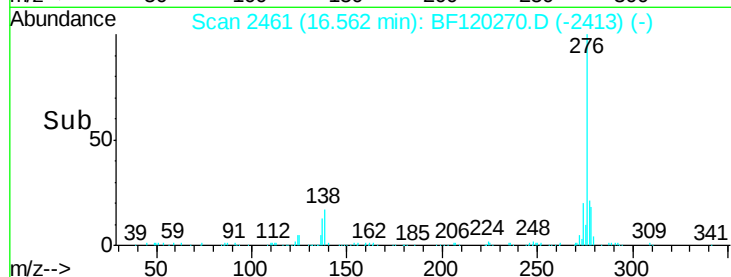
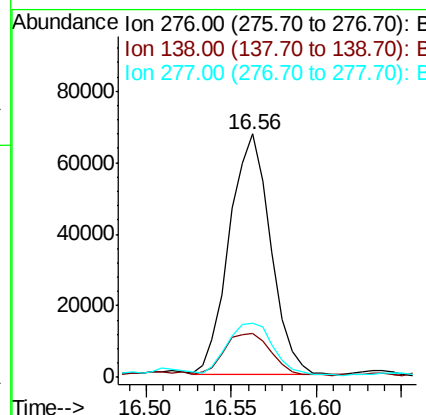
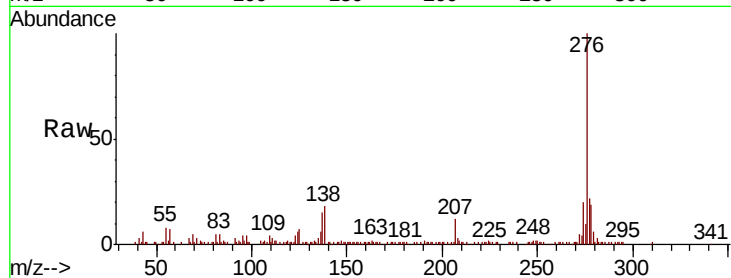
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 7.258 ng/ml
 RT: 16.56 min Scan# 2461
 Delta R.T. -0.02 min
 Lab File: BF120270.D
 Acq: 1 May 2020 20:45

Instrument :
 BNA_F
 ClientSampleId :
 AOC14-CARWASH

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.0	19.6	29.4#
277	5.2	20.0	30.0#

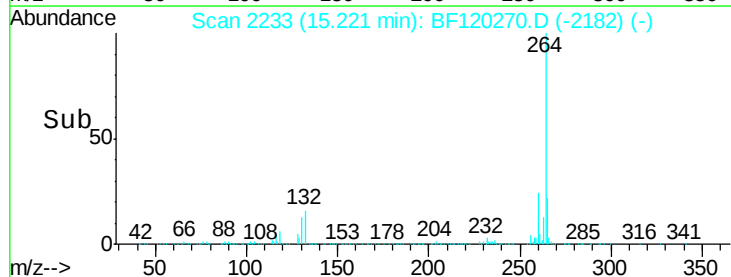
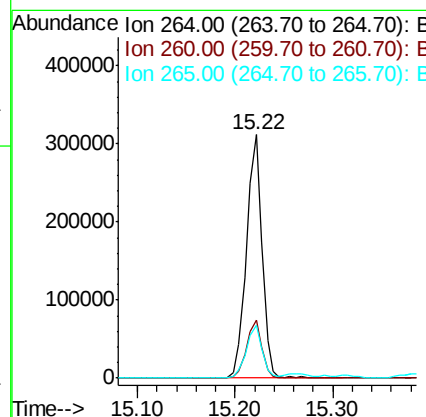
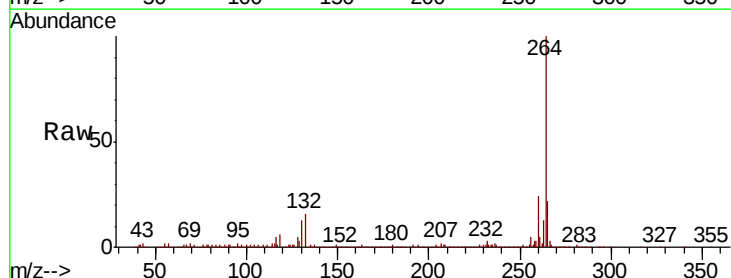
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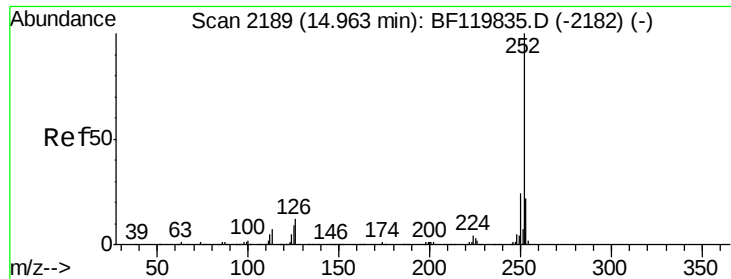
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BF120270.D
 Acq: 1 May 2020 20:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.9	17.7	26.5





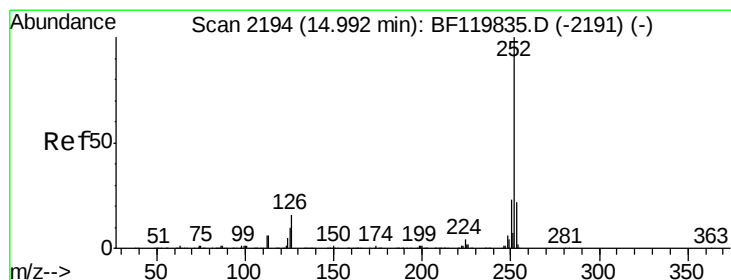
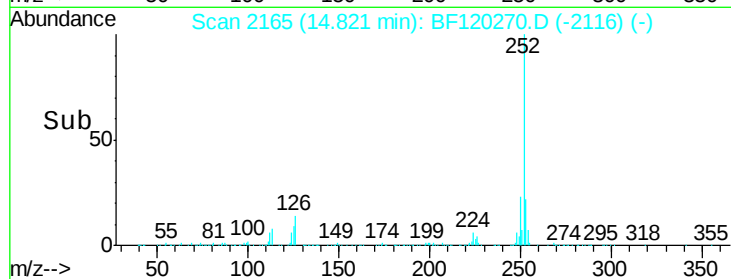
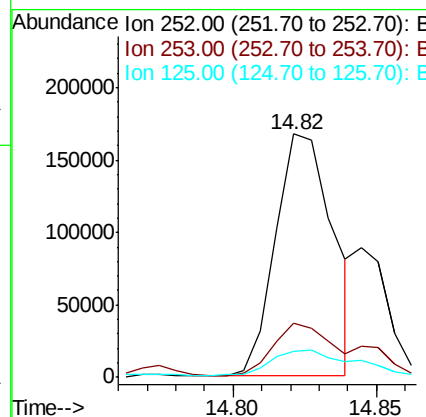
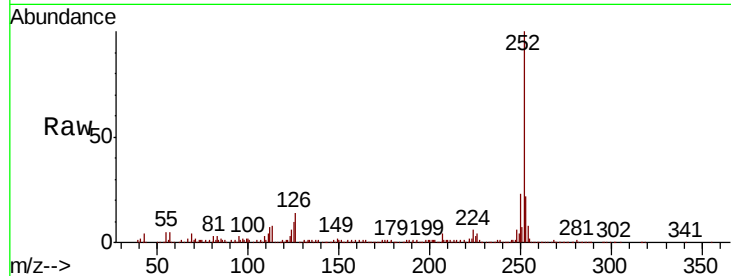
#88
Benzo(b)fluoranthene
Concen: 9.277 ng m
RT: 14.82 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
AOC14-CARWASH

Tot Ion:	252	Resp:	232539
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.0
125	10.4	7.9	11.9

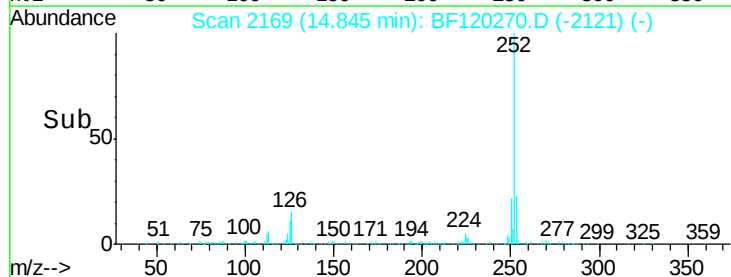
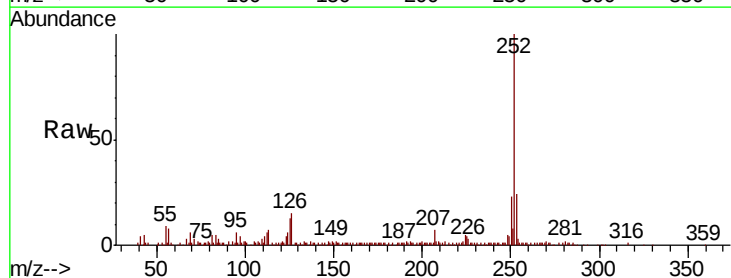
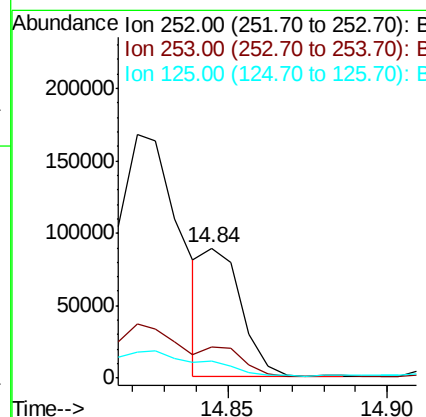
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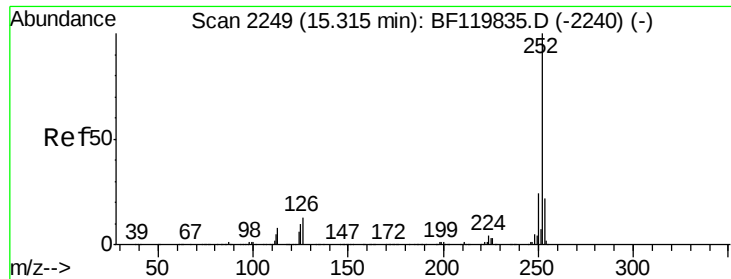
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#89
Benzo(k)fluoranthene
Concen: 3.357 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Tgt Ion:	252	Resp:	72596
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.8	26.6
125	12.6	8.4	12.6#





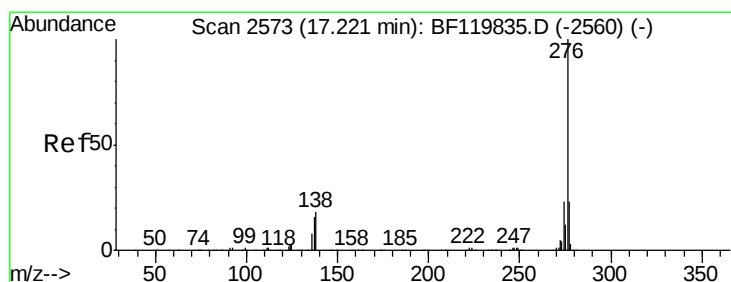
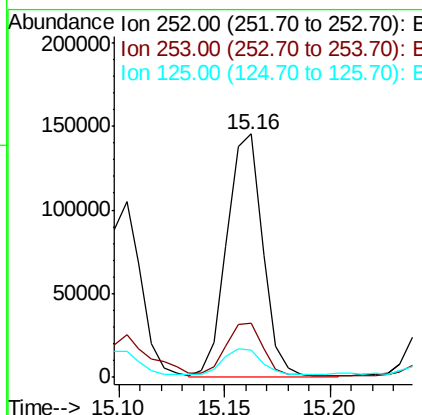
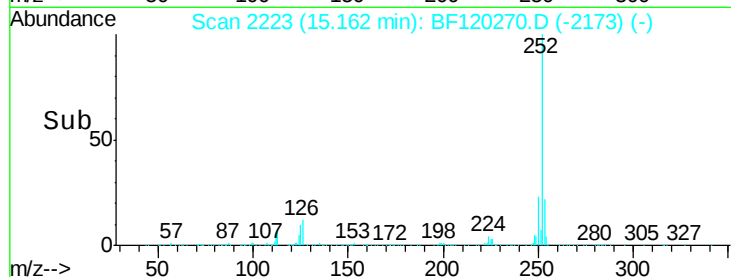
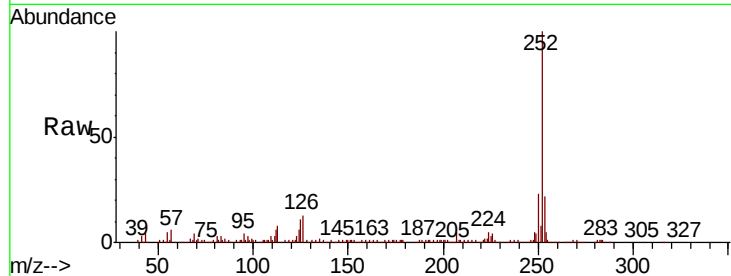
#90
Benzo(a)pyrene
Concen: 8.053 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Instrument :
BNA_F
ClientSampleId :
AOC14-CARWASH

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	11.1	9.4	14.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.659 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BF120270.D
Acq: 1 May 2020 20:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.4	27.6
138	19.4	15.4	23.0

