

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
 Data File : BF122668.D
 Acq On : 11 Dec 2020 17:43
 Operator : JU/CG
 Sample : L5016-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-121020

Quant Time: Dec 12 02:24:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

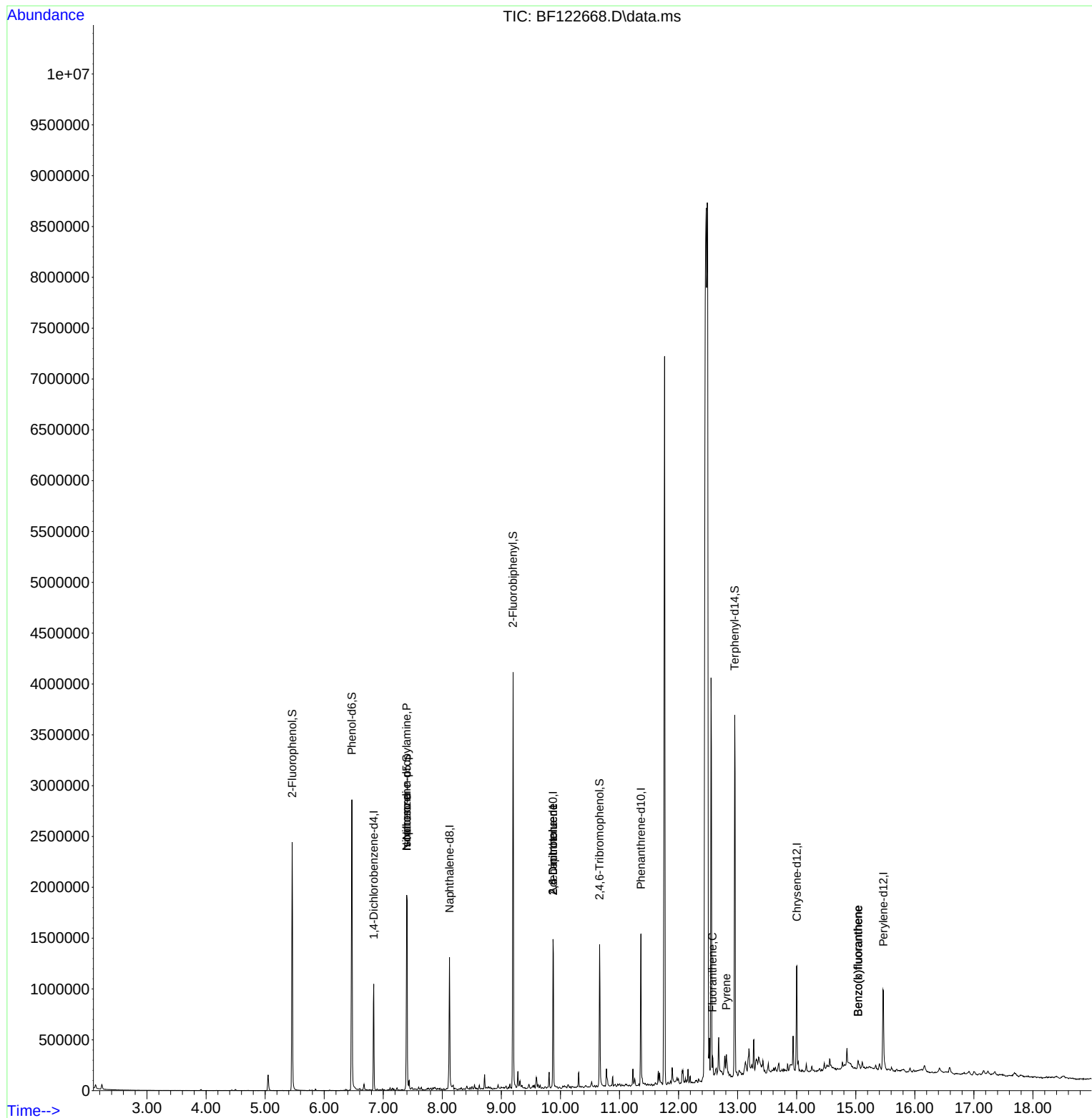
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	154326	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	595824	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	310960	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	528759	20.00	ng	0.00
76) Chrysene-d12	14.004	240	385841	20.00	ng	0.00
86) Perylene-d12	15.468	264	405106	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	728634	74.75	ng	0.00
7) Phenol-d6	6.469	99	1101229	85.18	ng	-0.01
23) Nitrobenzene-d5	7.398	82	718387	60.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	188755	46.37	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1273062	55.37	ng	0.00
79) Terphenyl-d14	12.951	244	1166874	52.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	93895	12.68	ng	Qvalue # 78
25) Isophorone	7.398	82	710794	34.70	ng	# 65
51) 2,6-Dinitrotoluene	9.875	165	40626	7.75	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	40626	5.81	ng	# 25
75) Fluoranthene	12.574	202	85751	2.60	ng	99
78) Pyrene	12.810	202	90259	3.03	ng	97
88) Benzo(b)fluoranthene	15.039	252	58104	2.04	ng	# 95
89) Benzo(k)fluoranthene	15.039	252	58104	2.24	ng	# 95

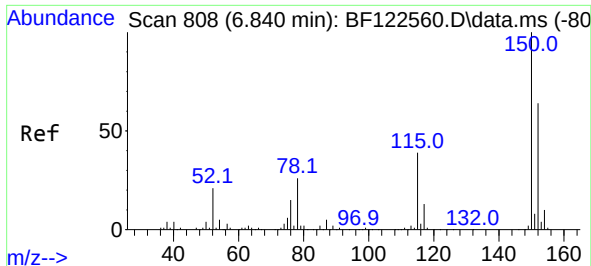
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
Data File : BF122668.D
Acq On : 11 Dec 2020 17:43
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Sample : L5016-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-121020

Quant Time: Dec 12 02:24:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

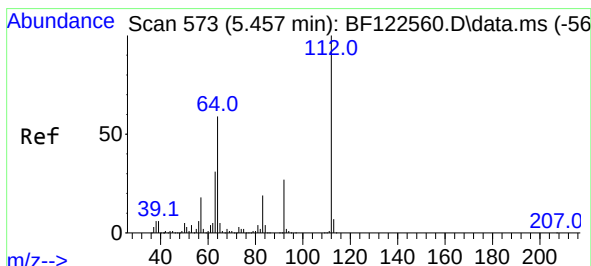
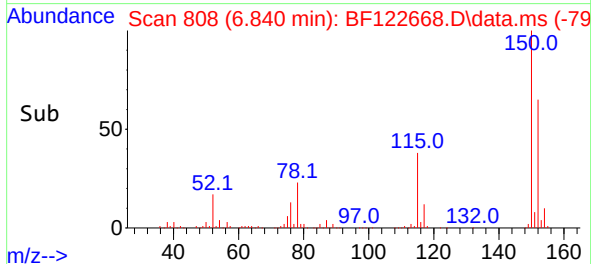
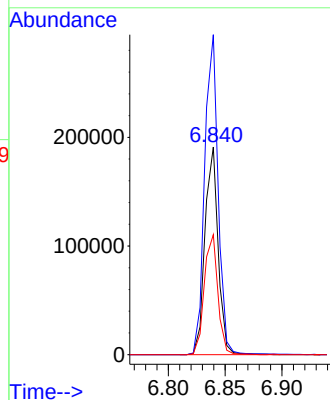
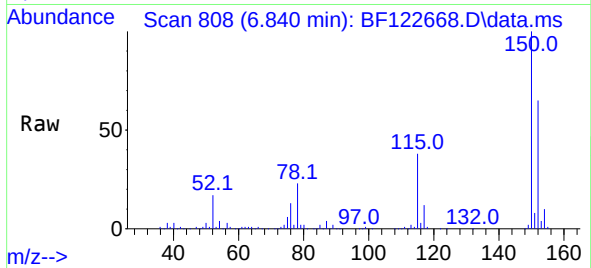




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122668.D
Acq: 11 Dec 2020 17:43

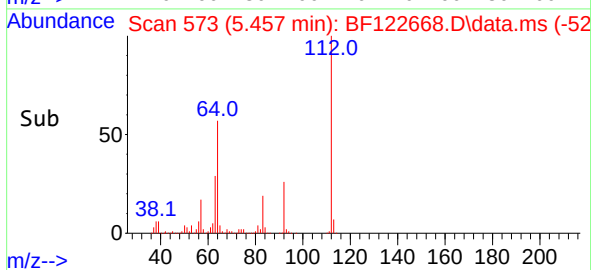
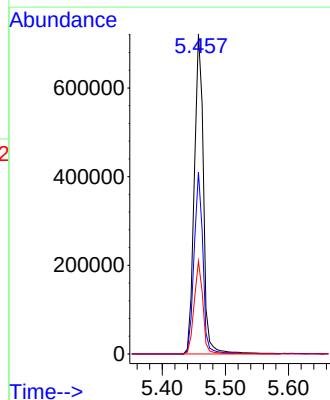
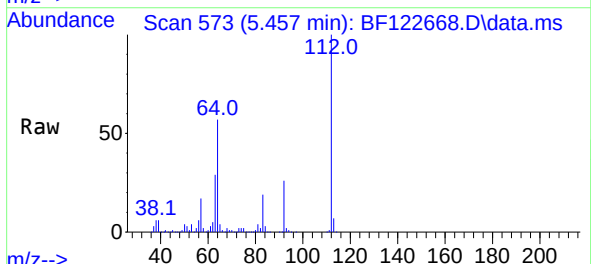
Instrument :
BNA_F
ClientSampleId :
AU-06-121020

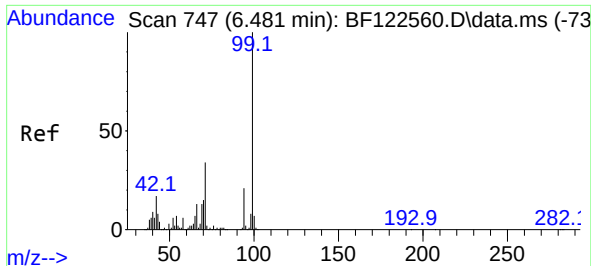
Tgt Ion:152 Resp: 154326
Ion Ratio Lower Upper
152 100
150 154.1 125.8 188.6
115 57.8 49.3 73.9



#5
2-Fluorophenol
Concen: 74.75 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF122668.D
Acq: 11 Dec 2020 17:43

Tgt Ion:112 Resp: 728634
Ion Ratio Lower Upper
112 100
64 56.9 46.9 70.3
63 29.0 24.5 36.7



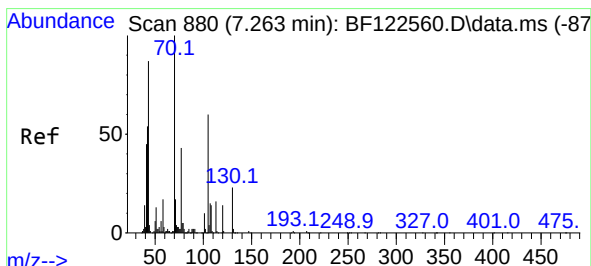
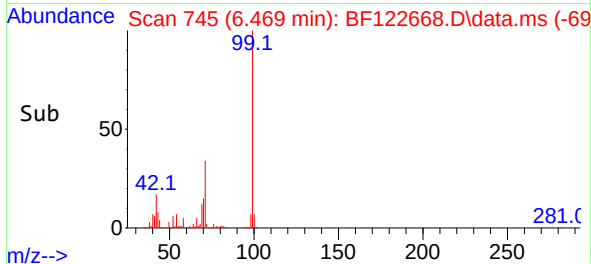
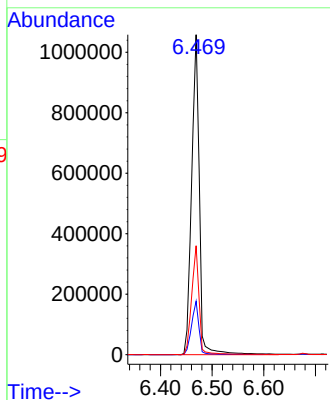
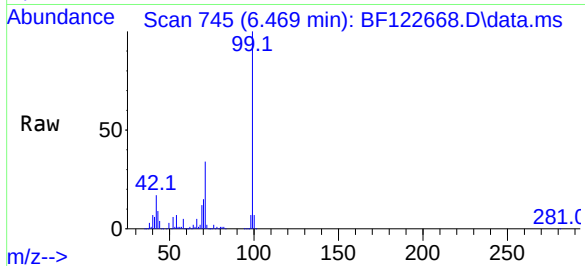


#7
Phenol-d6
Concen: 85.18 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122668.D
Acq: 11 Dec 2020 17:43

Instrument :
BNA_F
ClientSampleId :
AU-06-121020

Tgt Ion: 99 Resp: 1101229

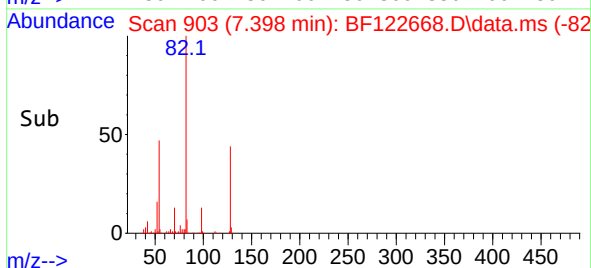
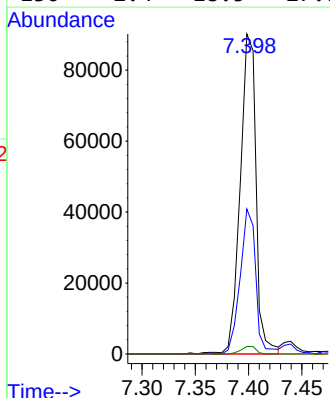
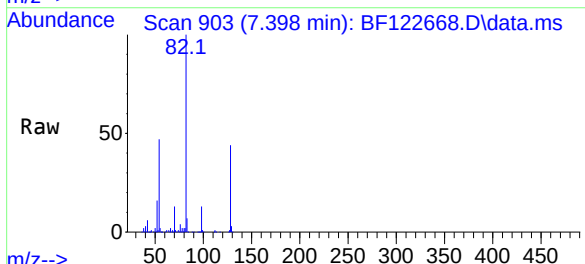
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.6
71	34.0	26.9	40.3

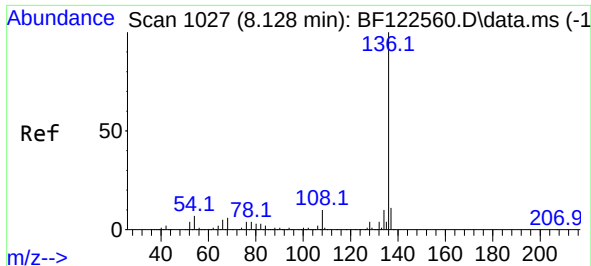


#19
n-Nitroso-di-n-propylamine
Concen: 12.68 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122668.D
Acq: 11 Dec 2020 17:43

Tgt Ion: 70 Resp: 93895

Ion	Ratio	Lower	Upper
70	100		
42	45.3	43.0	64.4
101	0.0	7.9	11.9#
130	2.4	18.5	27.7#



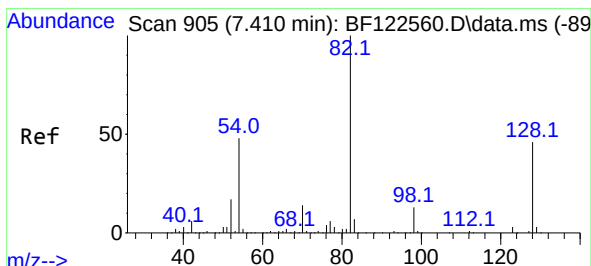
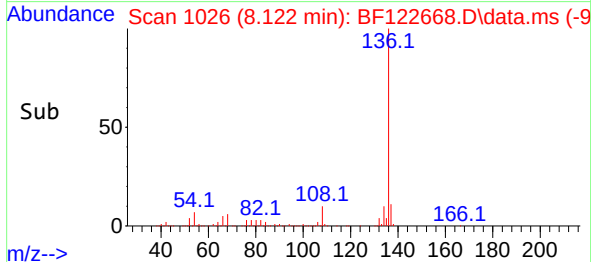
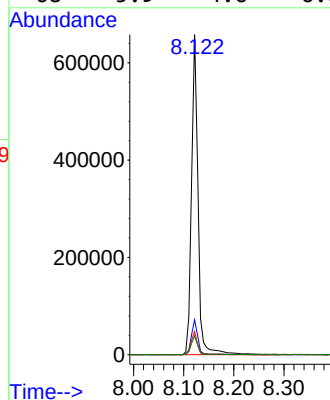
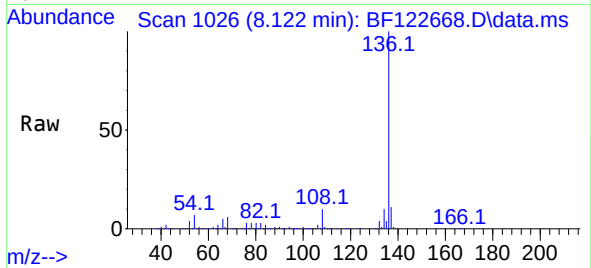


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122668.D
Acq: 11 Dec 2020 17:43

Instrument :
BNA_F
ClientSampleId :
AU-06-121020

Tgt Ion:136 Resp: 595824

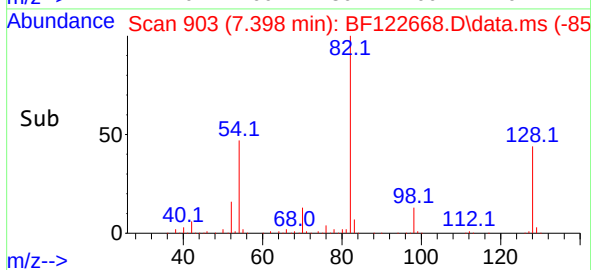
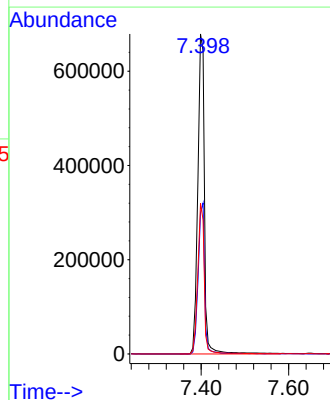
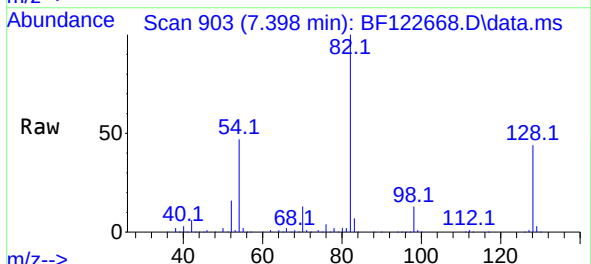
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.3	5.5	8.3
68	5.9	4.6	6.8

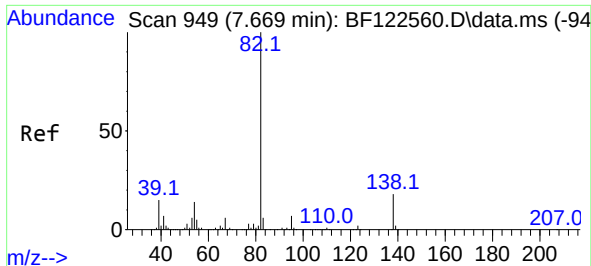


#23
Nitrobenzene-d5
Concen: 60.41 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122668.D
Acq: 11 Dec 2020 17:43

Tgt Ion: 82 Resp: 718387

Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.0	55.4
54	47.1	38.4	57.6

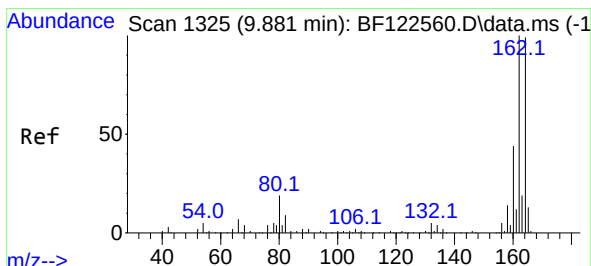
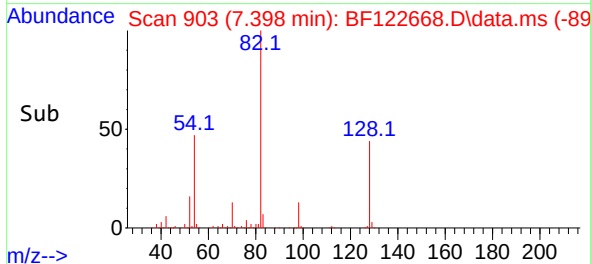
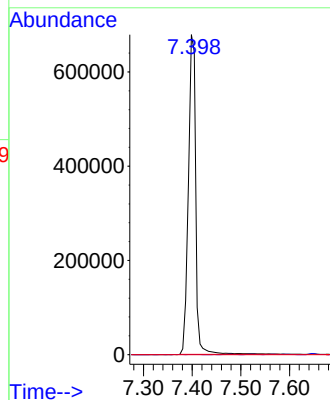
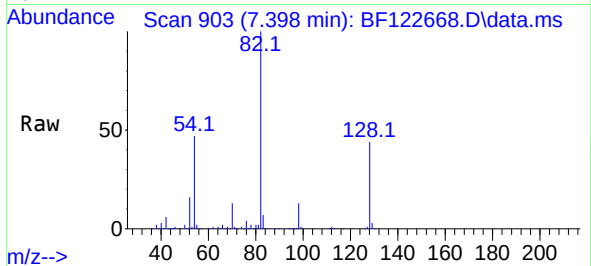




#25
Isophorone
Concen: 34.70 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122668.D
Acq: 11 Dec 2020 17:43

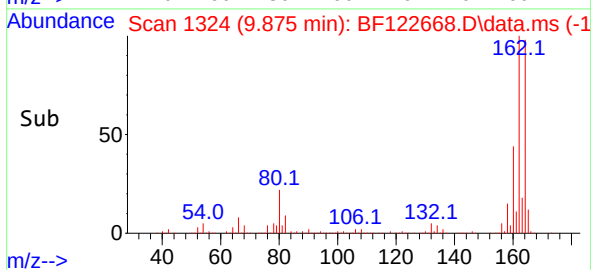
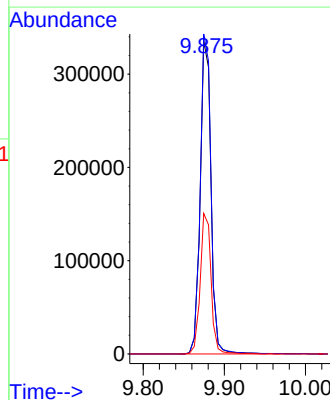
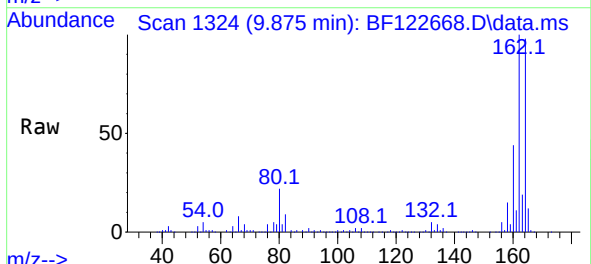
Instrument :
BNA_F
ClientSampleId :
AU-06-121020

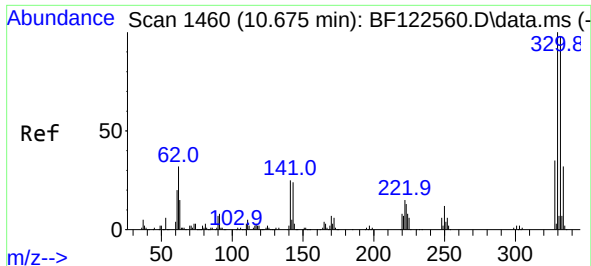
Tgt Ion: 82 Resp: 710794
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122668.D
Acq: 11 Dec 2020 17:43

Tgt Ion: 164 Resp: 310960
Ion Ratio Lower Upper
164 100
162 102.3 80.8 121.2
160 44.9 35.4 53.0

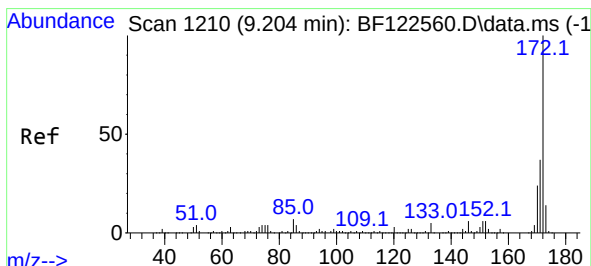
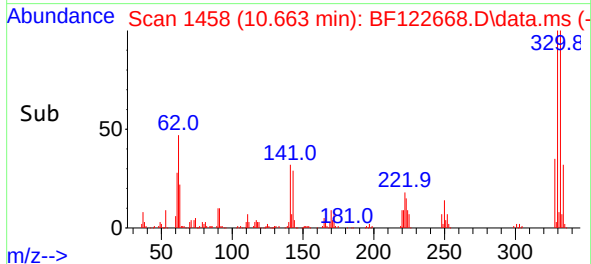
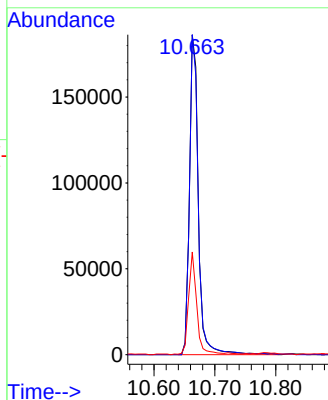
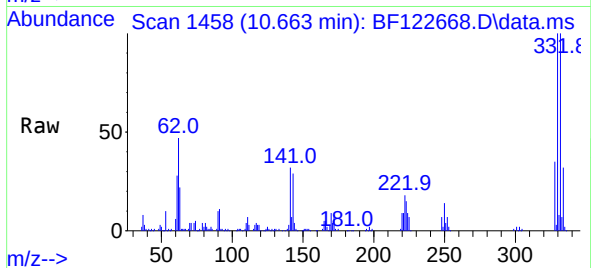




#42
2,4,6-Tribromophenol
Concen: 46.37 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122668.D
Acq: 11 Dec 2020 17:43

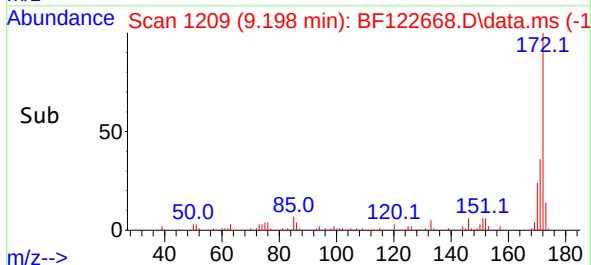
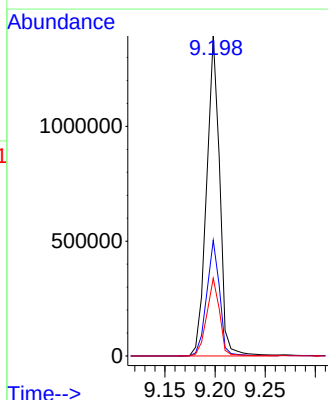
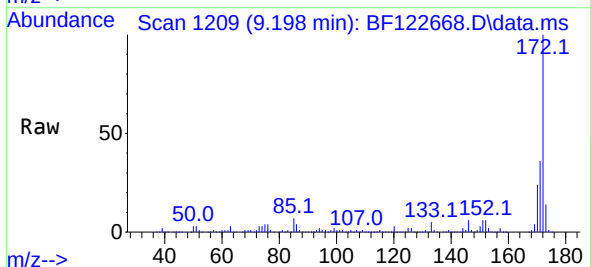
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ClientSampleId :
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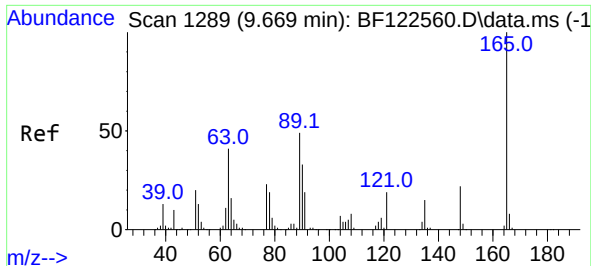
Tgt Ion: 330 Resp: 188755
Ion Ratio Lower Upper
330 100
332 99.3 77.5 116.3
141 29.5 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 55.37 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122668.D
Acq: 11 Dec 2020 17:43

Tgt Ion: 172 Resp: 1273062
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.3 19.5 29.3

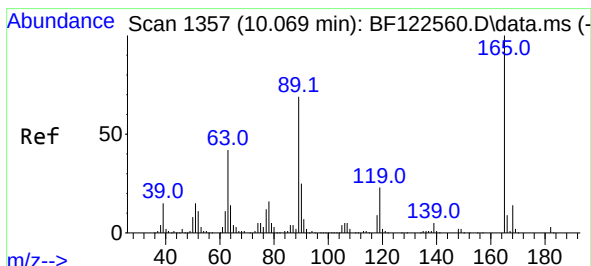
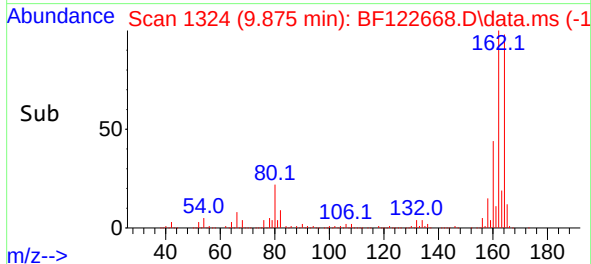
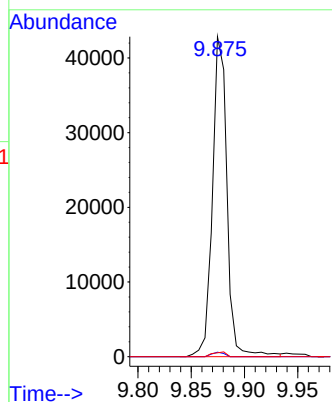
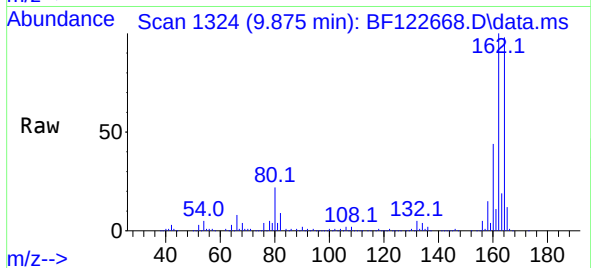




#51
2,6-Dinitrotoluene
Concen: 7.75 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122668.D
Acq: 11 Dec 2020 17:43

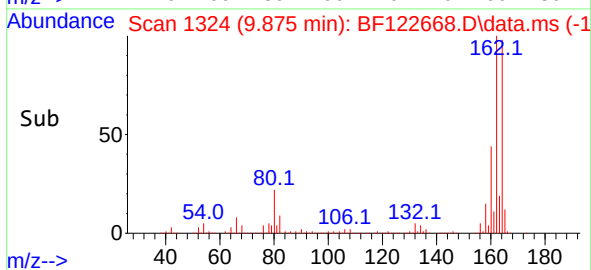
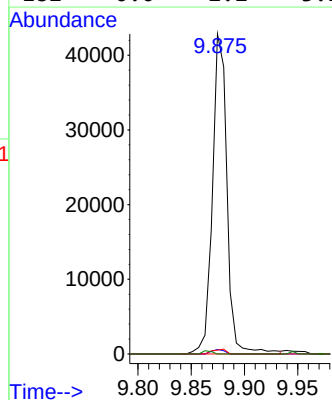
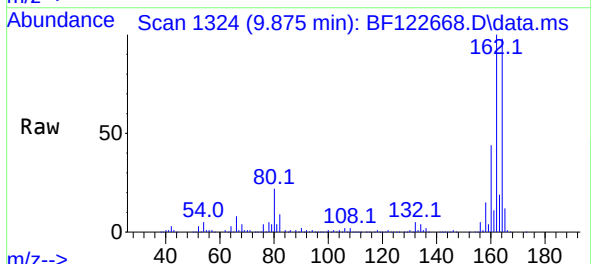
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ClientSampleId :
AU-06-121020

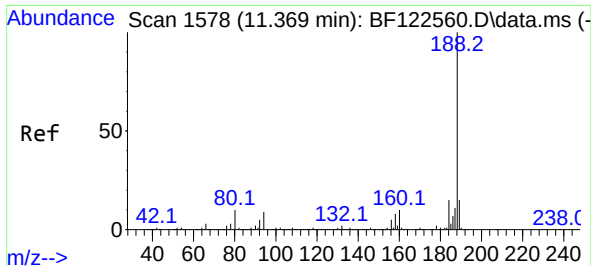
Tgt Ion:165	Resp:	40626
Ion Ratio	Lower	Upper
165	100	
63	1.4	36.6 55.0#
89	1.2	39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.81 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122668.D
Acq: 11 Dec 2020 17:43

Tgt Ion:165	Resp:	40626
Ion Ratio	Lower	Upper
165	100	
63	1.4	34.3 51.5#
89	1.2	55.2 82.8#
182	0.0	2.2 3.2#

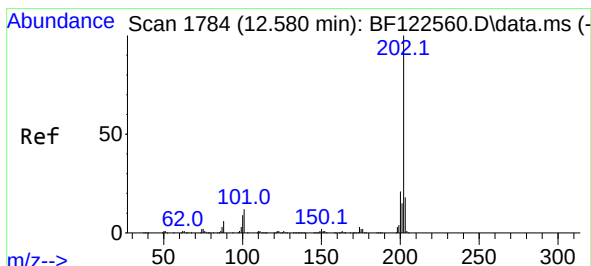
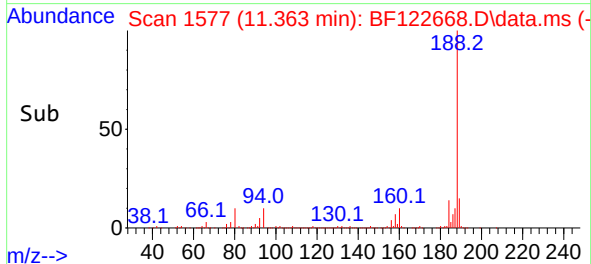
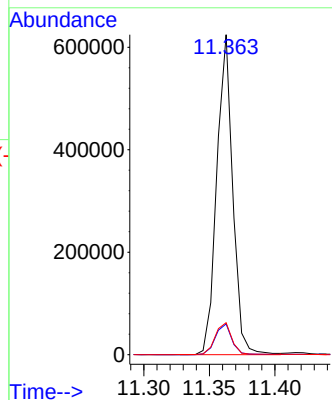
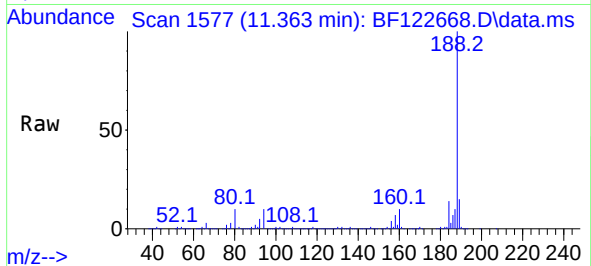




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122668.D
Acq: 11 Dec 2020 17:43

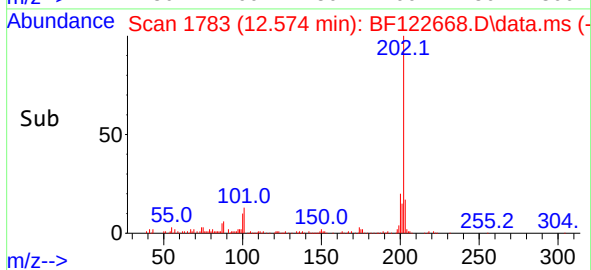
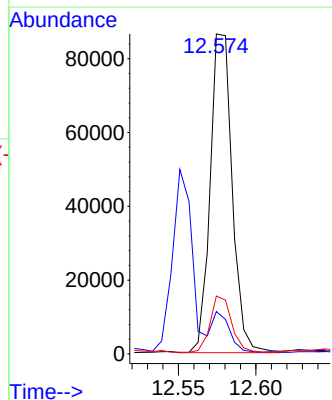
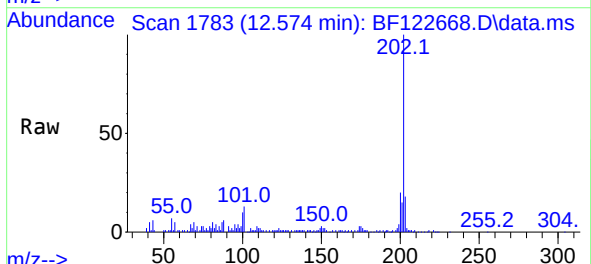
Instrument :
BNA_F
ClientSampleId :
AU-06-121020

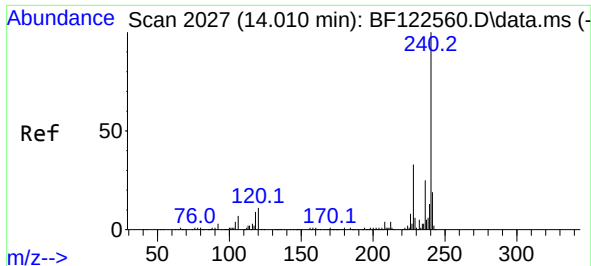
Tgt Ion:188 Resp: 528759
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.0 8.2 12.4



#75
Fluoranthene
Concen: 2.60 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF122668.D
Acq: 11 Dec 2020 17:43

Tgt Ion:202 Resp: 85751
Ion Ratio Lower Upper
202 100
101 13.2 0.0 32.2
203 18.1 0.0 38.1

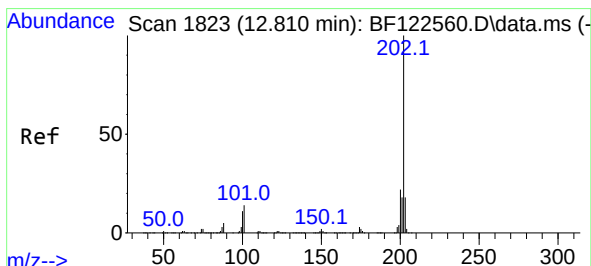
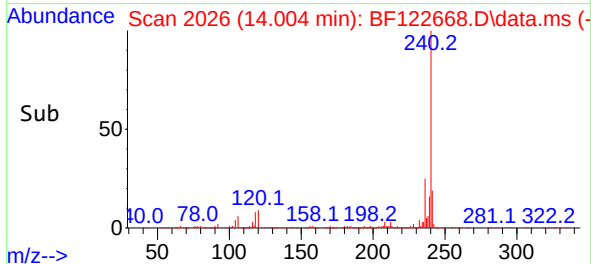
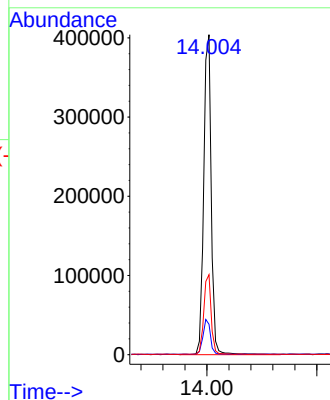
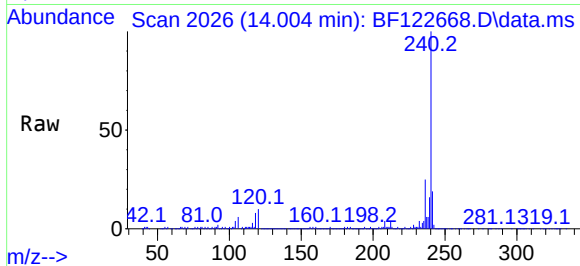




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122668.D
Acq: 11 Dec 2020 17:43

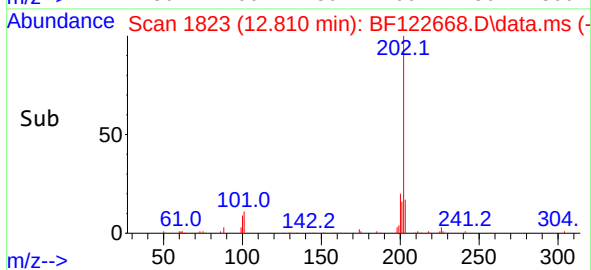
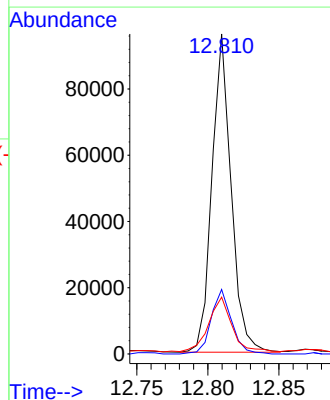
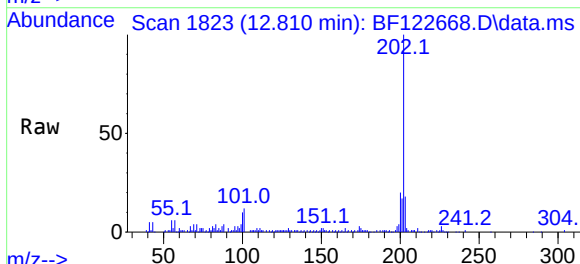
Instrument :
BNA_F
ClientSampleId :
AU-06-121020

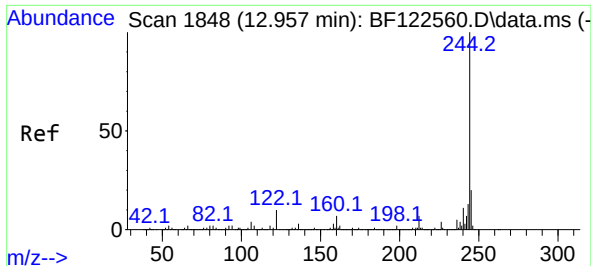
Tgt Ion:240 Resp: 385841
Ion Ratio Lower Upper
240 100
120 9.5 8.6 12.8
236 25.0 20.3 30.5



#78
Pyrene
Concen: 3.03 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.000 min
Lab File: BF122668.D
Acq: 11 Dec 2020 17:43

Tgt Ion:202 Resp: 90259
Ion Ratio Lower Upper
202 100
200 20.1 17.6 26.4
203 17.7 14.6 21.8

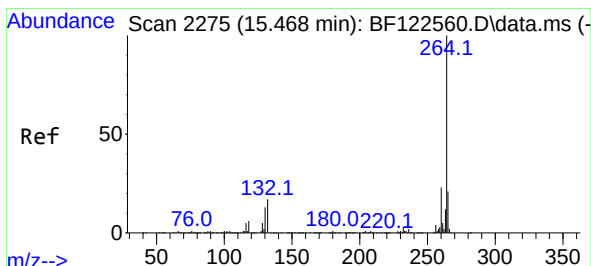
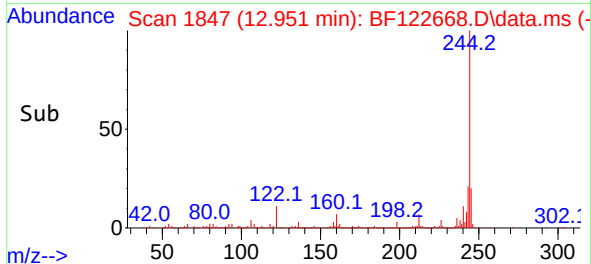
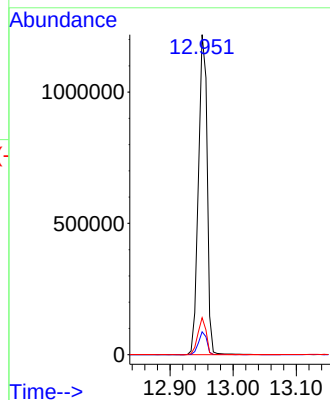
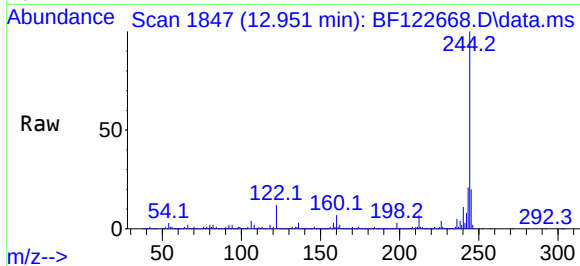




#79
Terphenyl-d14
Concen: 52.94 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122668.D
Acq: 11 Dec 2020 17:43

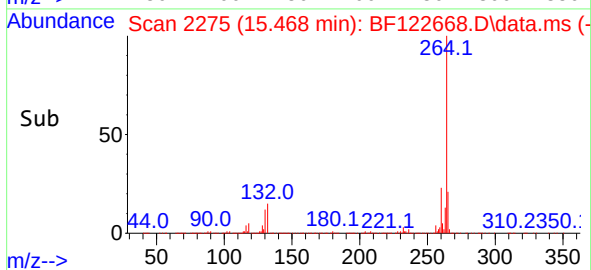
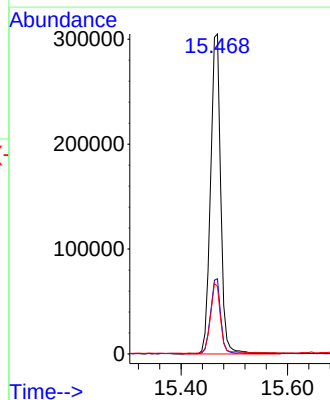
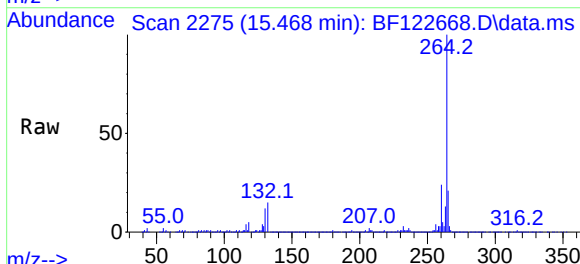
Instrument :
BNA_F
ClientSampleId :
AU-06-121020

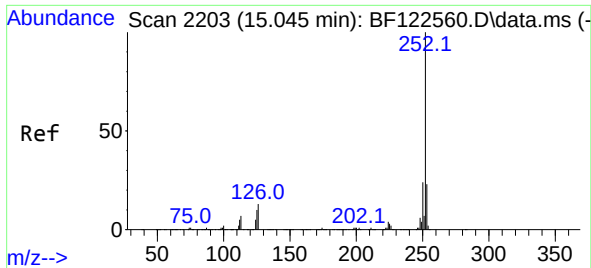
Tgt Ion:244 Resp: 1166874
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.6 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF122668.D
Acq: 11 Dec 2020 17:43

Tgt Ion:264 Resp: 405106
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.1 17.0 25.6

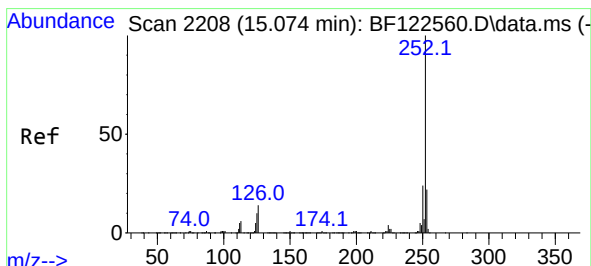
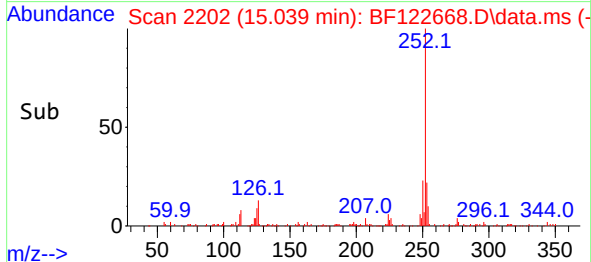
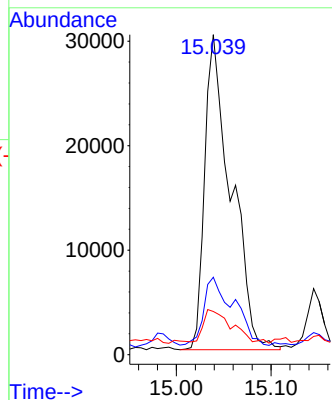
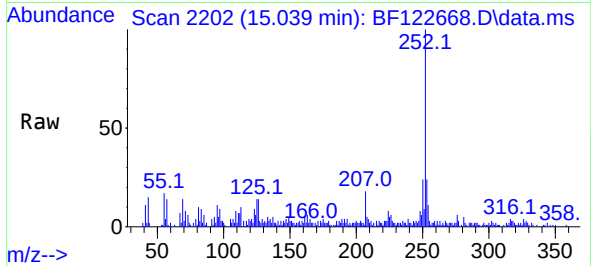




#88
Benzo(b)fluoranthene
Concen: 2.04 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF122668.D
Acq: 11 Dec 2020 17:43

Instrument :
BNA_F
ClientSampleId :
AU-06-121020

Tgt Ion:252 Resp: 58104
Ion Ratio Lower Upper
252 100
253 24.2 18.3 27.5
125 13.5 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 2.24 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.035 min
Lab File: BF122668.D
Acq: 11 Dec 2020 17:43

Tgt Ion:252 Resp: 58104
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.8
125 13.5 8.4 12.6#

