

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122920\
 Data File : BF122868.D
 Acq On : 29 Dec 2020 17:42
 Operator : JU/CG
 Sample : L5215-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11991

Quant Time: Dec 29 18:14:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

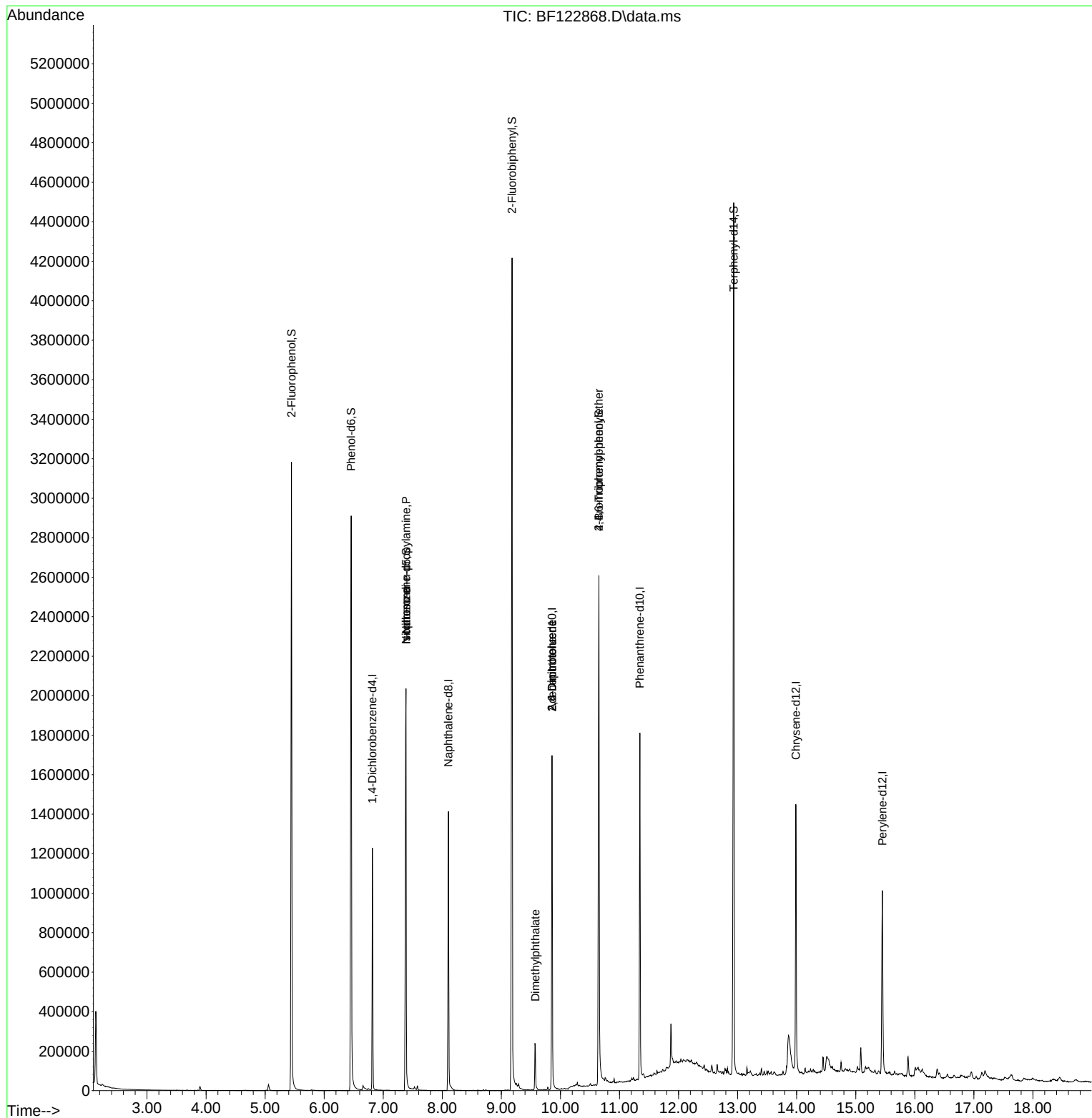
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	181116	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	698024	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	368301	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	647758	20.00	ng	0.00
76) Chrysene-d12	13.986	240	495556	20.00	ng	0.00
86) Perylene-d12	15.451	264	436146	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	956381	83.60	ng	0.01
7) Phenol-d6	6.457	99	1198800	79.01	ng	0.00
23) Nitrobenzene-d5	7.386	82	774673	55.60	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	397313	82.41	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1477686	54.27	ng	0.00
79) Terphenyl-d14	12.933	244	1644281	58.08	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	102449	11.79	ng	# 75
25) Isophorone	7.386	82	774665	32.28	ng	# 65
50) Dimethylphthalate	9.575	163	120509	4.10	ng	100
51) 2,6-Dinitrotoluene	9.857	165	46571	7.50	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	46727	5.65	ng	# 25
67) 4-Bromophenyl-phenylether	10.651	248	24484	2.79	ng	# 1

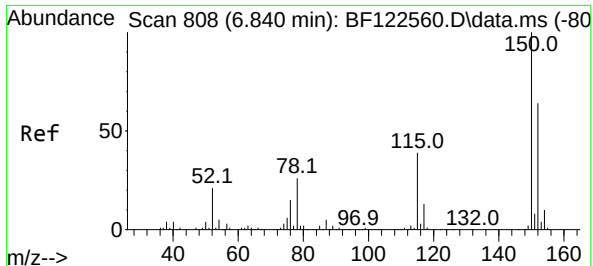
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 29 18:14:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

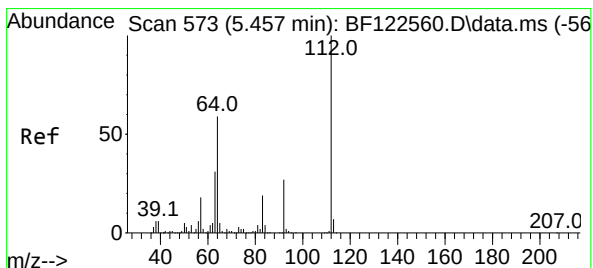
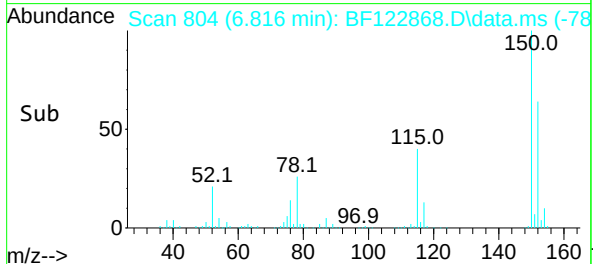
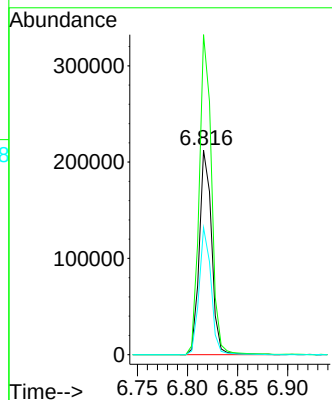
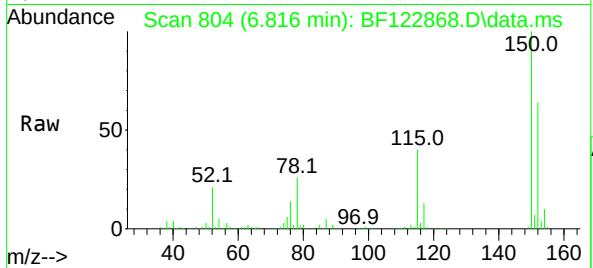




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122868.D
Acq: 29 Dec 2020 17:42

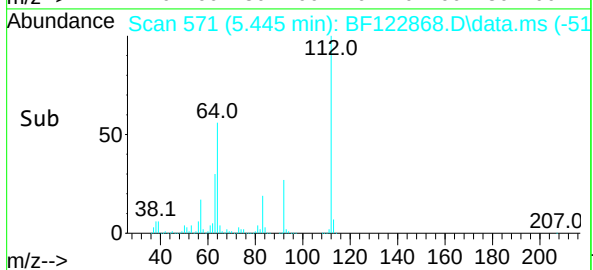
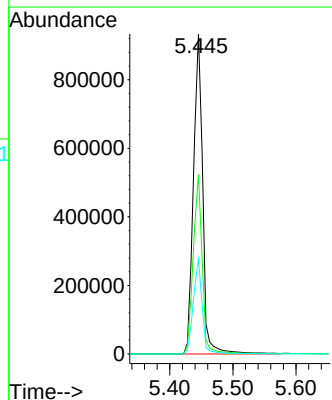
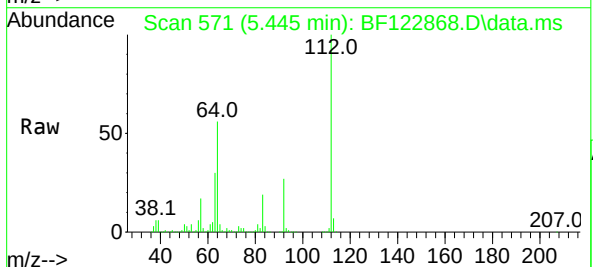
Instrument :
BNA_F
ClientSampleId :
72-11991

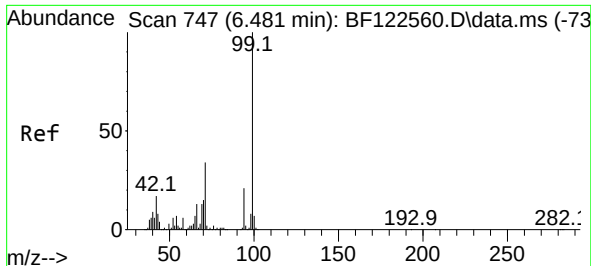
Tgt Ion:152 Resp: 181116
Ion Ratio Lower Upper
152 100
150 156.5 125.8 188.6
115 62.1 49.3 73.9



#5
2-Fluorophenol
Concen: 83.60 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF122868.D
Acq: 29 Dec 2020 17:42

Tgt Ion:112 Resp: 956381
Ion Ratio Lower Upper
112 100
64 56.0 46.9 70.3
63 29.7 24.5 36.7

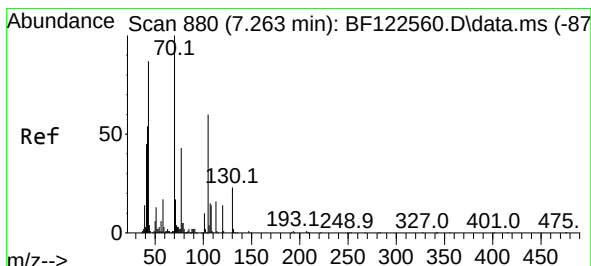
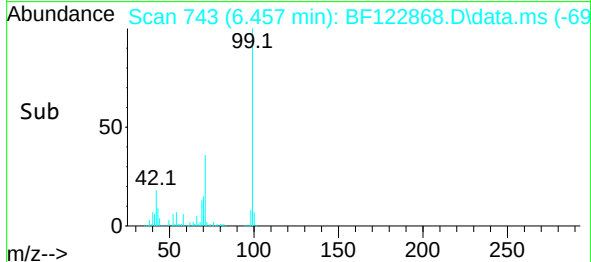
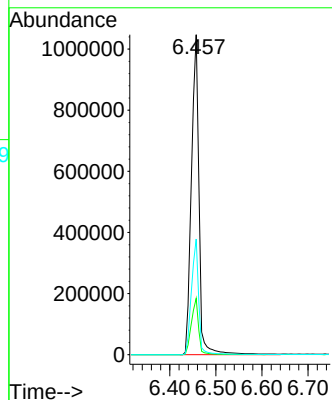
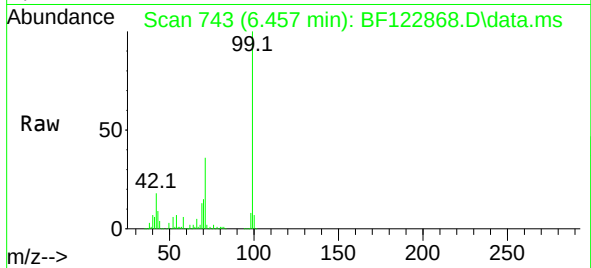




#7
Phenol-d6
Concen: 79.01 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122868.D
Acq: 29 Dec 2020 17:42

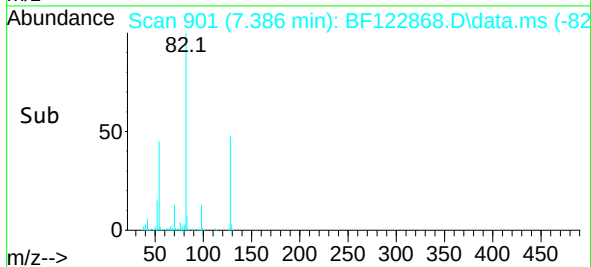
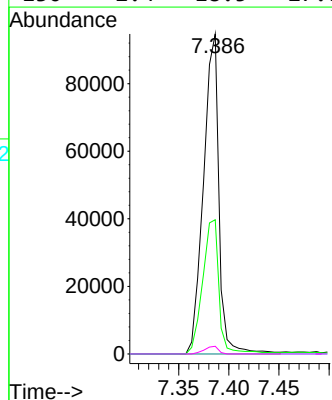
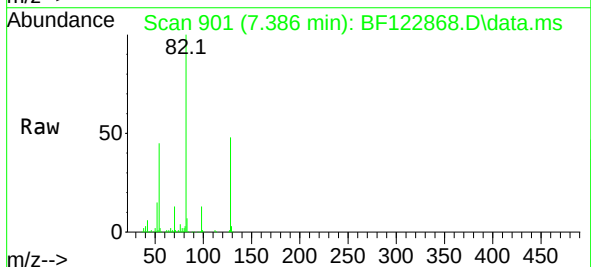
Instrument :
BNA_F
ClientSampleId :
72-11991

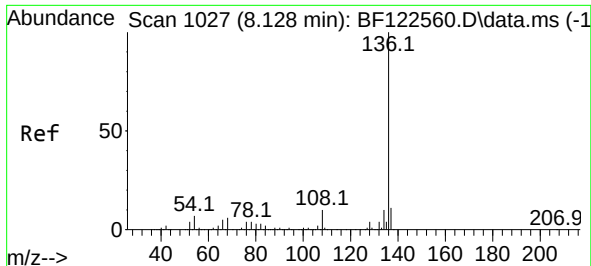
Tgt Ion: 99 Resp: 1198800
Ion Ratio Lower Upper
99 100
42 17.6 13.8 20.6
71 36.2 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.79 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF122868.D
Acq: 29 Dec 2020 17:42

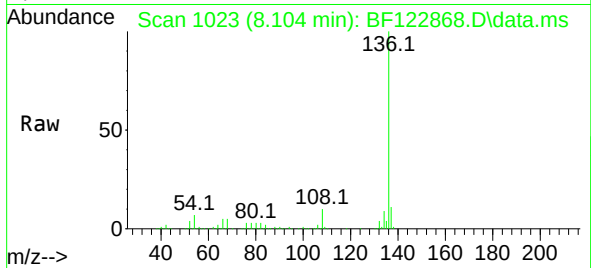
Tgt Ion: 70 Resp: 102449
Ion Ratio Lower Upper
70 100
42 41.9 43.0 64.4#
101 0.0 7.9 11.9#
130 2.4 18.5 27.7#



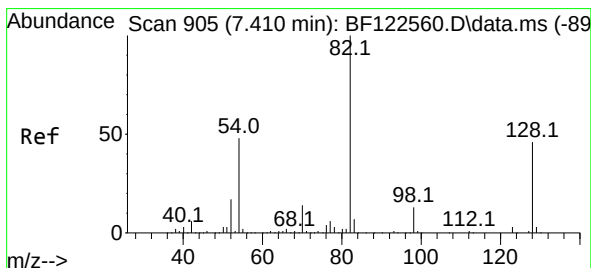
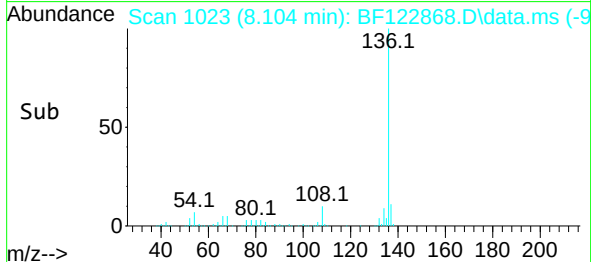
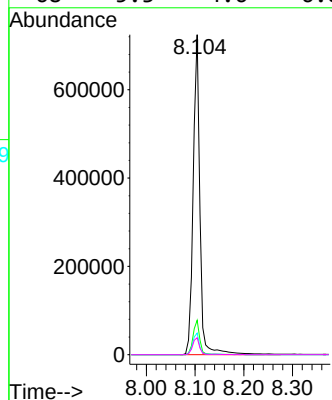


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122868.D
Acq: 29 Dec 2020 17:42

Instrument :
BNA_F
ClientSampleId :
72-11991

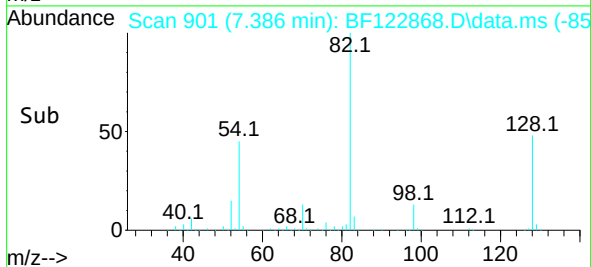
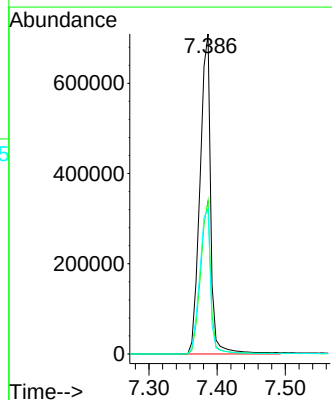
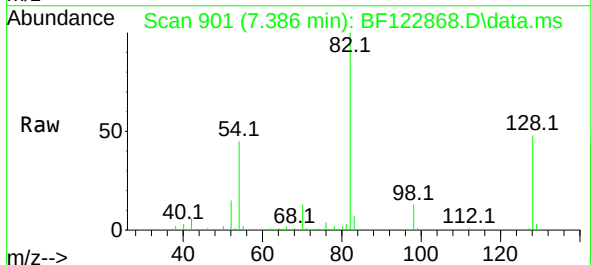


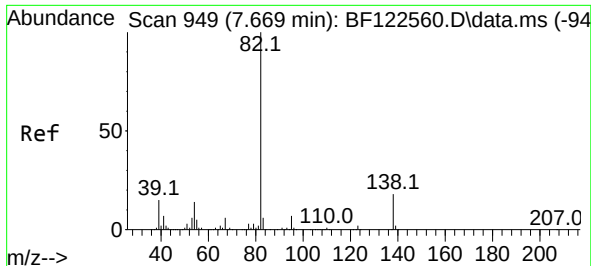
Tgt Ion:136 Resp: 698024
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.7 5.5 8.3
68 5.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 55.60 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF122868.D
Acq: 29 Dec 2020 17:42

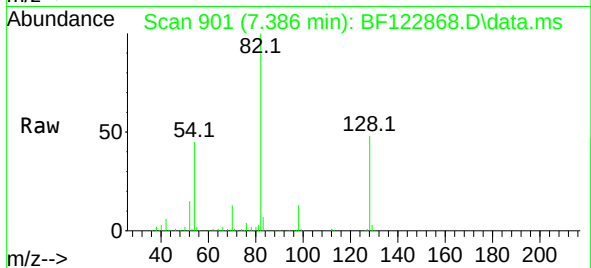
Tgt Ion: 82 Resp: 774673
Ion Ratio Lower Upper
82 100
128 47.9 37.0 55.4
54 45.3 38.4 57.6



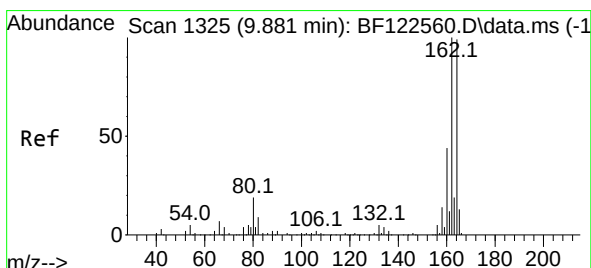
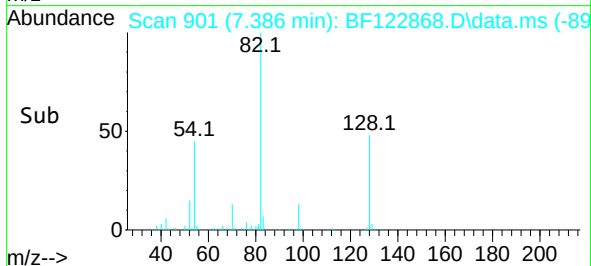
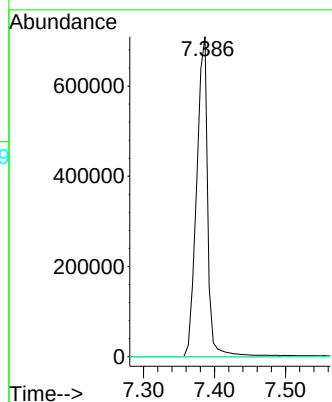


#25
Isophorone
Concen: 32.28 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF122868.D
Acq: 29 Dec 2020 17:42

Instrument :
BNA_F
ClientSampleId :
72-11991

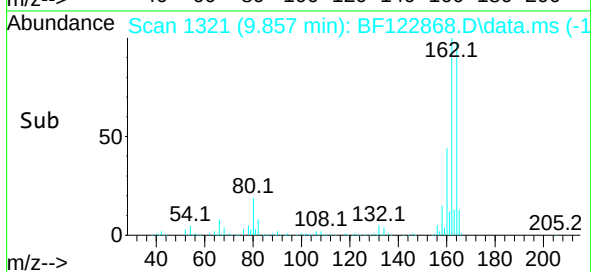
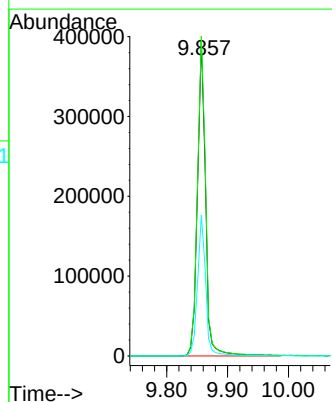
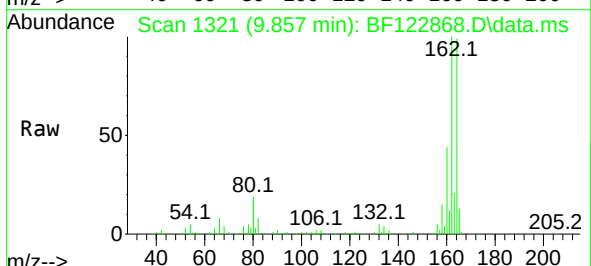


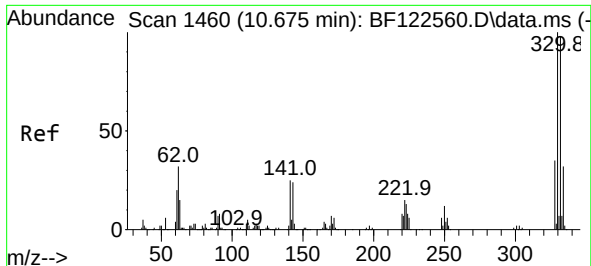
Tgt Ion: 82 Resp: 774665
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122868.D
Acq: 29 Dec 2020 17:42

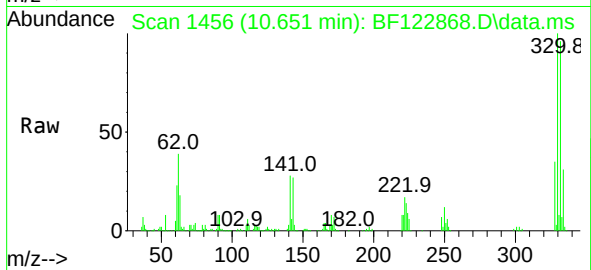
Tgt Ion: 164 Resp: 368301
Ion Ratio Lower Upper
164 100
162 101.5 80.8 121.2
160 44.7 35.4 53.0



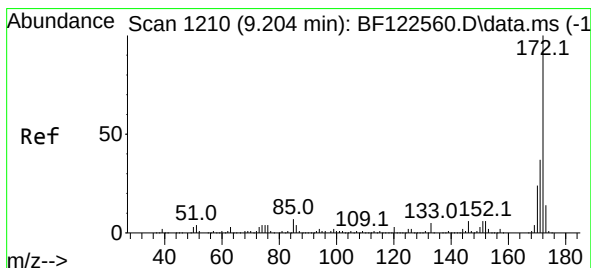
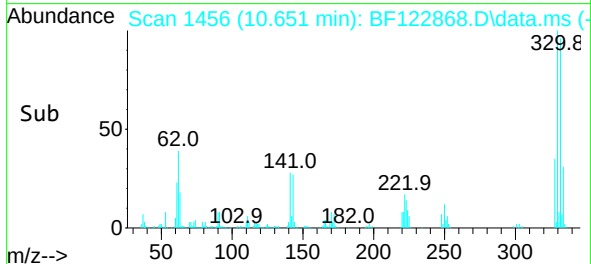
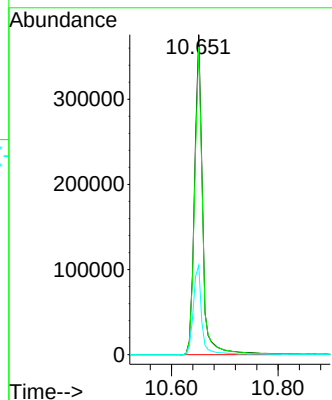


#42
2,4,6-Tribromophenol
Concen: 82.41 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122868.D
Acq: 29 Dec 2020 17:42

Instrument :
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ClientSampleId :
72-11991

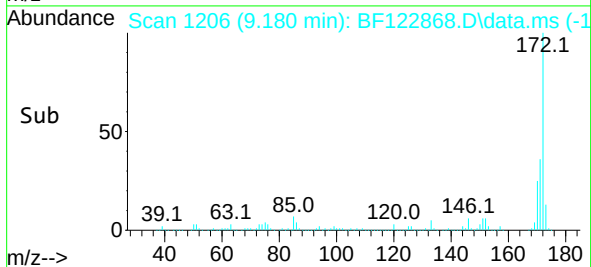
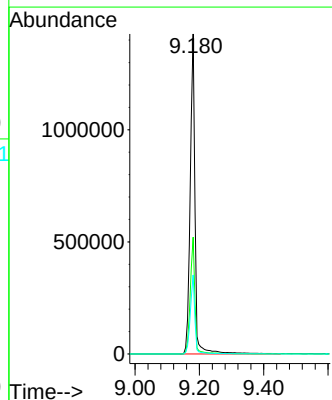
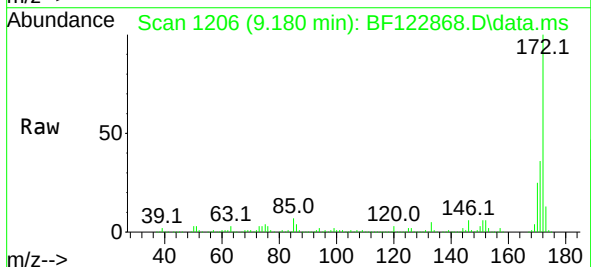


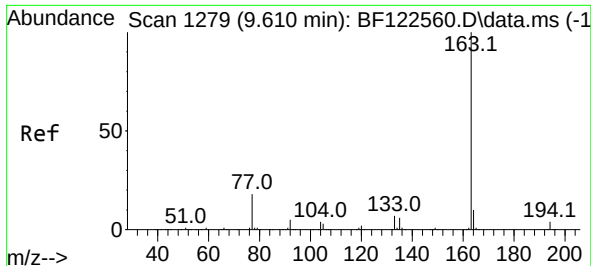
Tgt Ion: 330 Resp: 397313
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 29.3 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 54.27 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122868.D
Acq: 29 Dec 2020 17:42

Tgt Ion: 172 Resp: 1477686
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.7 19.5 29.3

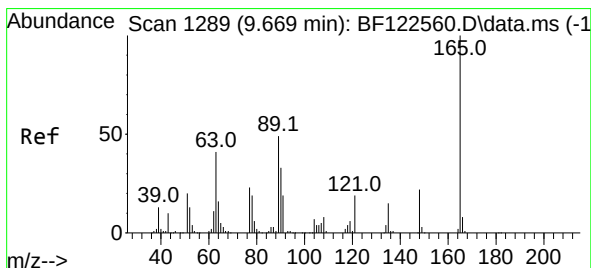
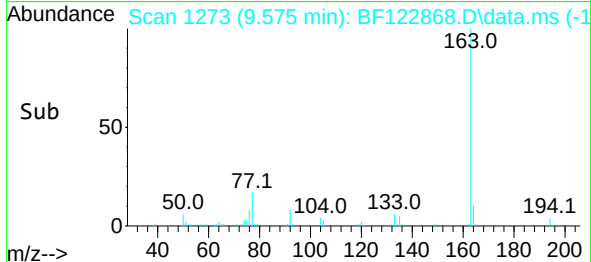
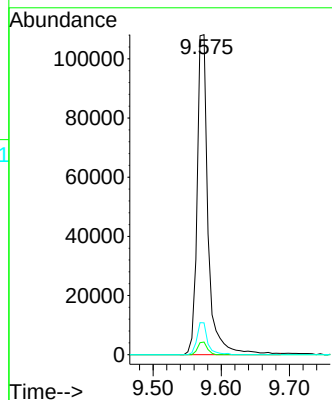
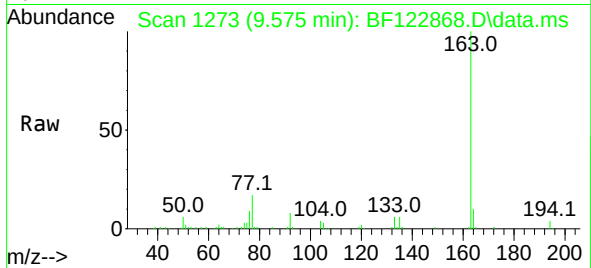




#50
Dimethylphthalate
Concen: 4.10 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.012 min
Lab File: BF122868.D
Acq: 29 Dec 2020 17:42

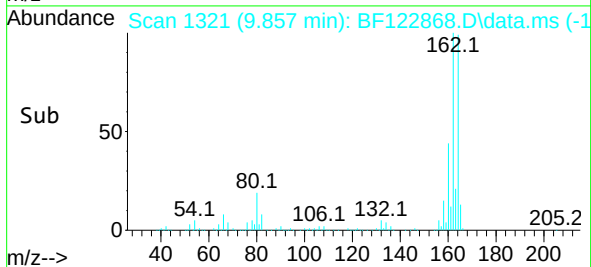
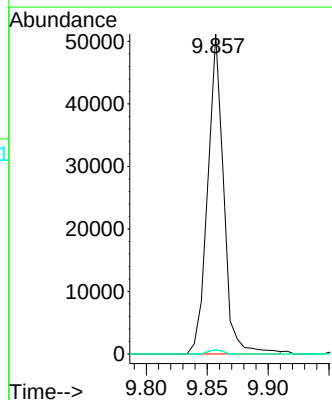
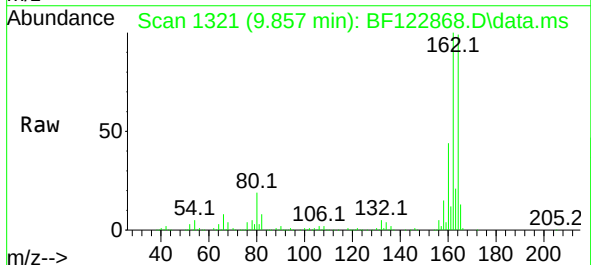
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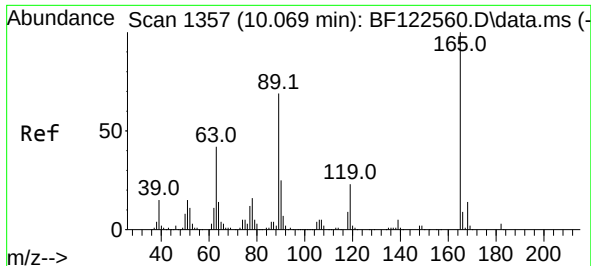
Tgt Ion:163 Resp: 120509
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.0 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.50 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122868.D
Acq: 29 Dec 2020 17:42

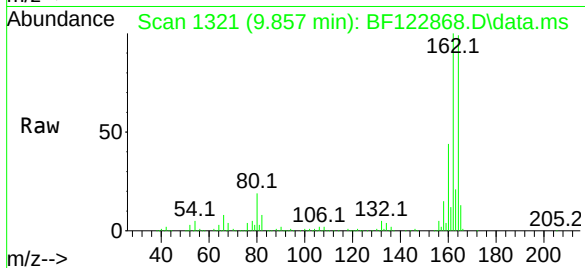
Tgt Ion:165 Resp: 46571
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.4 39.4 59.0#



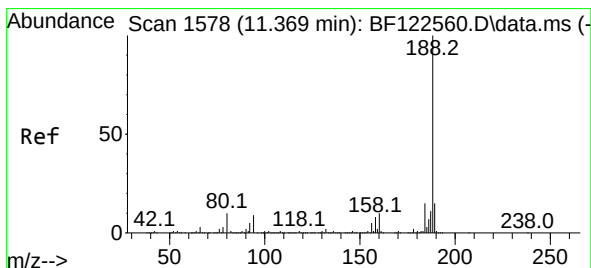
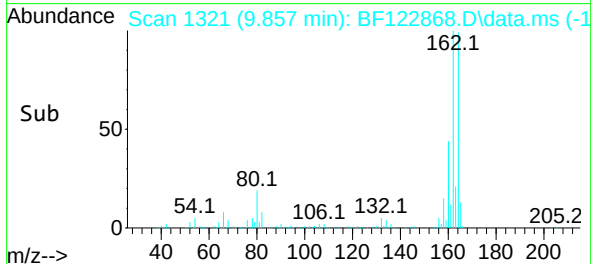
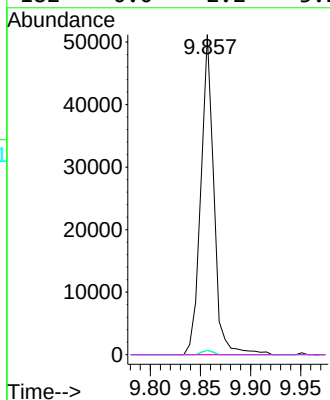


#57
2,4-Dinitrotoluene
Concen: 5.65 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122868.D
Acq: 29 Dec 2020 17:42

Instrument :
BNA_F
ClientSampleId :
72-11991

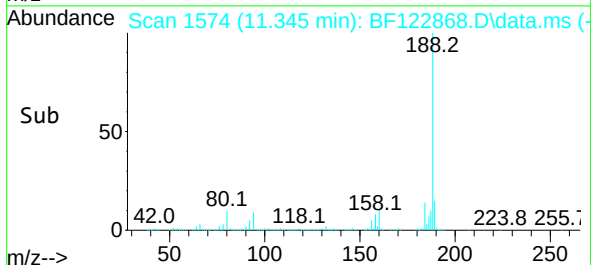
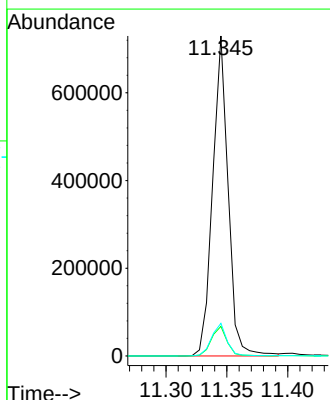
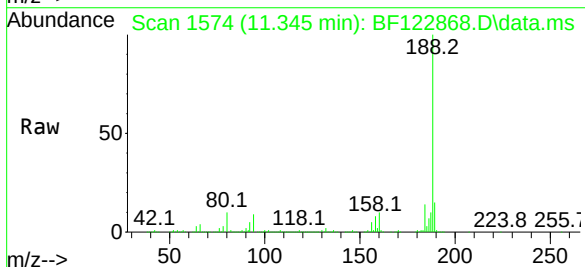


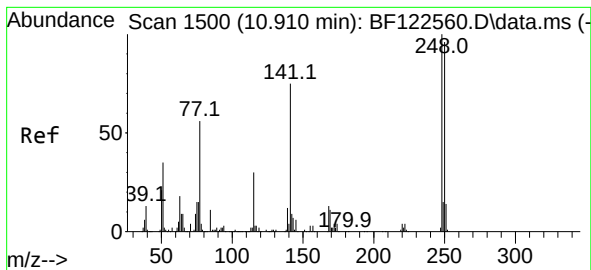
Tgt Ion:165 Resp: 46727
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122868.D
Acq: 29 Dec 2020 17:42

Tgt Ion:188 Resp: 647758
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.2 8.2 12.4

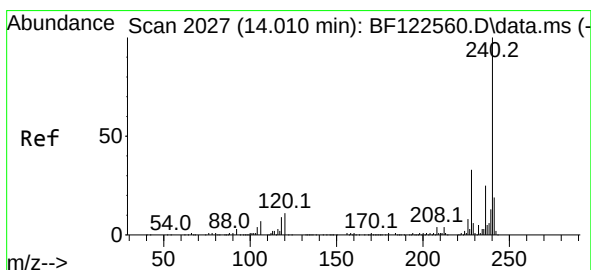
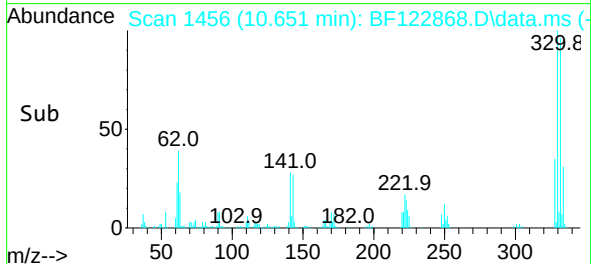
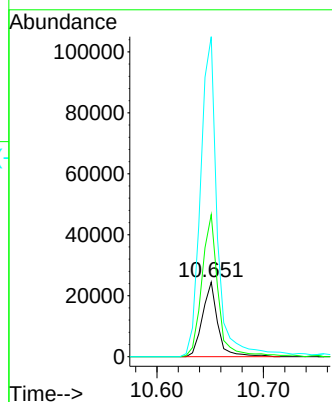
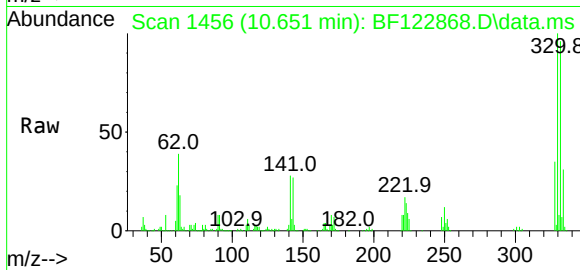




#67
4-Bromophenyl-phenylether
Concen: 2.79 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.241 min
Lab File: BF122868.D
Acq: 29 Dec 2020 17:42

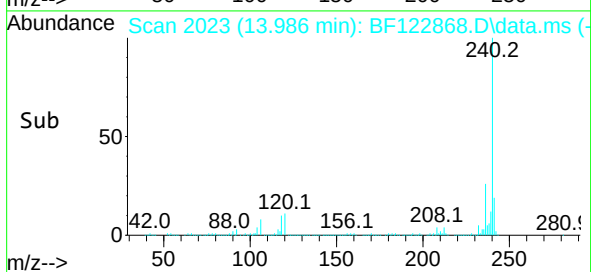
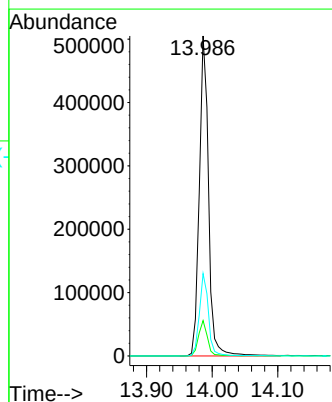
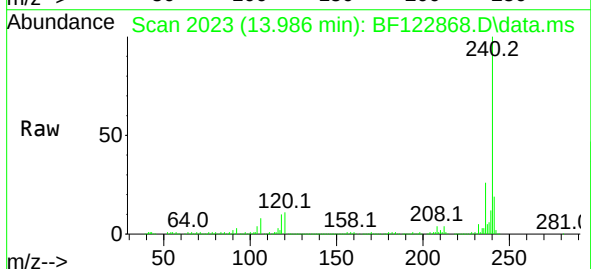
Instrument :
BNA_F
ClientSampleId :
72-11991

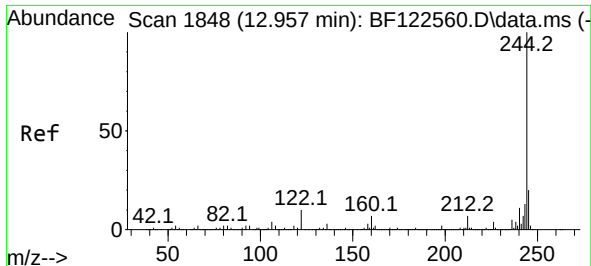
Tgt Ion:248 Resp: 24484
Ion Ratio Lower Upper
248 100
250 190.5 76.8 115.2#
141 428.7 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122868.D
Acq: 29 Dec 2020 17:42

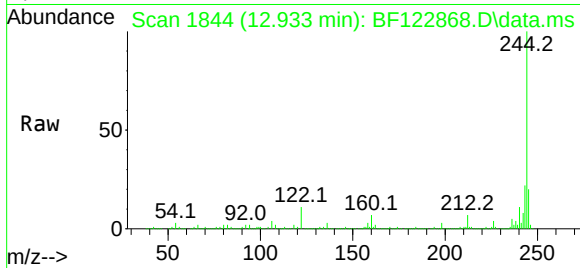
Tgt Ion:240 Resp: 495556
Ion Ratio Lower Upper
240 100
120 11.1 8.6 12.8
236 25.8 20.3 30.5



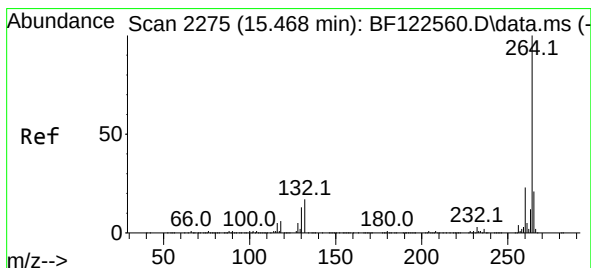
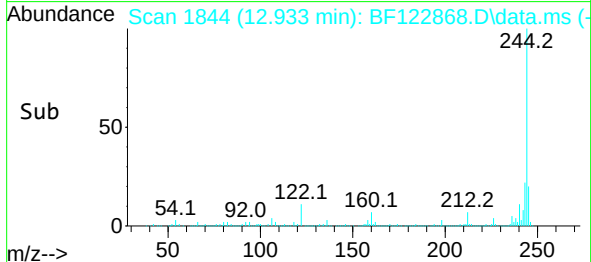
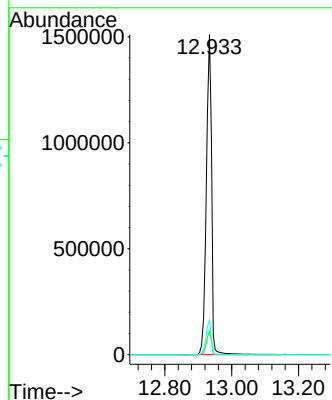


#79
 Terphenyl-d14
 Concen: 58.08 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF122868.D
 Acq: 29 Dec 2020 17:42

Instrument :
 BNA_F
 ClientSampleId :
 72-11991



Tgt Ion:244 Resp: 1644281
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 10.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.012 min
 Lab File: BF122868.D
 Acq: 29 Dec 2020 17:42

Tgt Ion:264 Resp: 436146
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.6 17.0 25.6

