

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126472.D
 Acq On : 4 Jan 2022 17:29
 Operator : JU/CG
 Sample : M5331-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Jan 05 01:59:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

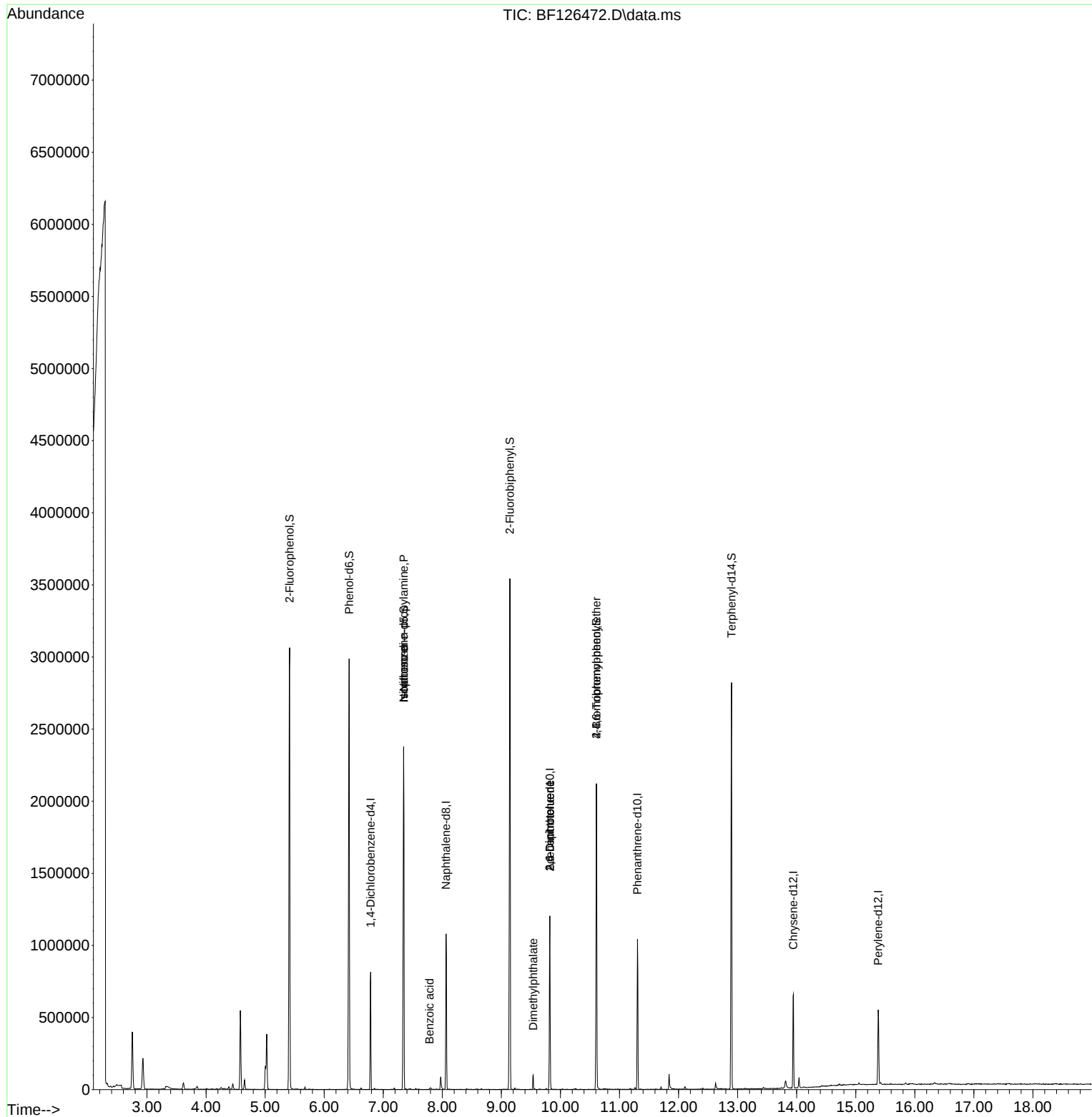
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	118381	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	502422	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	231504	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	351109	20.000	ng	0.00
76) Chrysene-d12	13.945	240	218209	20.000	ng	0.00
86) Perylene-d12	15.380	264	200038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	983181	119.268	ng	0.02
7) Phenol-d6	6.422	99	1123840	105.258	ng	0.00
23) Nitrobenzene-d5	7.345	82	880480	89.983	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	258086	144.268	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1223028	92.966	ng	0.00
79) Terphenyl-d14	12.898	244	973831	86.710	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	111892	18.365	ng	# 79
25) Isophorone	7.345	82	880470	50.265	ng	# 69
32) Benzoic acid	7.786	122	3693	7.715	ng	91
50) Dimethylphthalate	9.539	163	40256	2.785	ng	98
51) 2,6-Dinitrotoluene	9.822	165	29582	9.478	ng	# 21
57) 2,4-Dinitrotoluene	9.822	165	29582	7.346	ng	# 15
67) 4-Bromophenyl-phenylether	10.610	248	13949	4.476	ng	# 1
77) Benzidine	12.898	184	11709	Below Cal		96

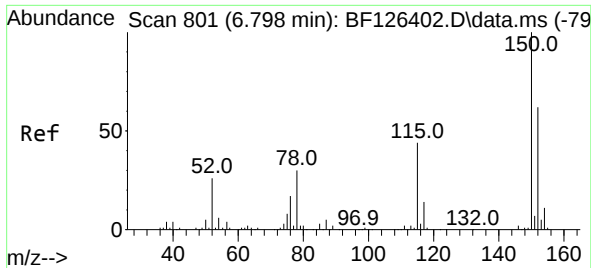
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 05 01:59:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

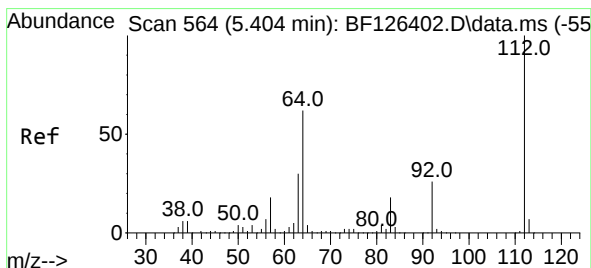
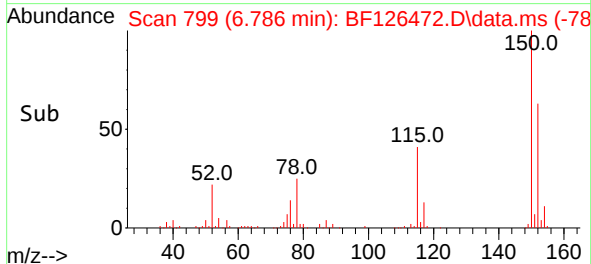
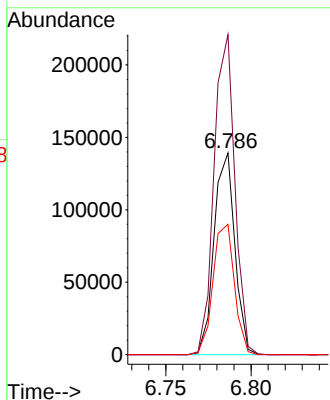
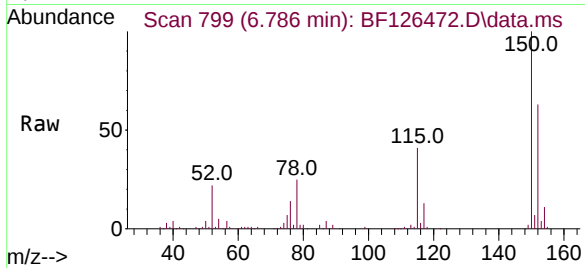




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

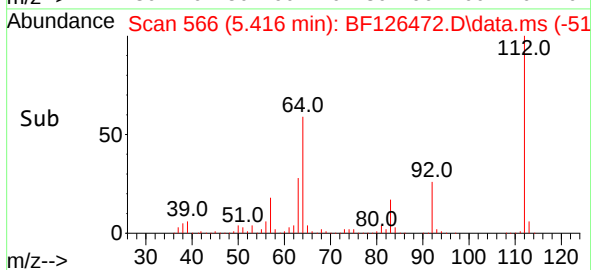
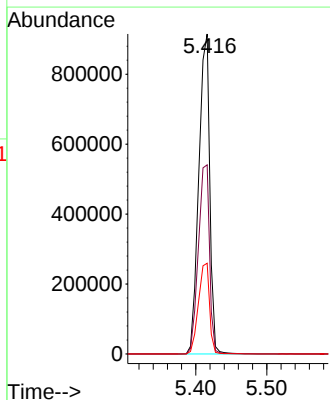
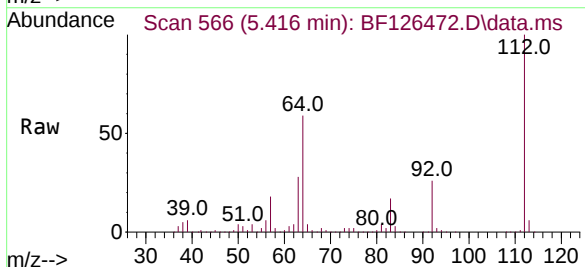
Instrument :
BNA_F
ClientSampleId :
WC-1

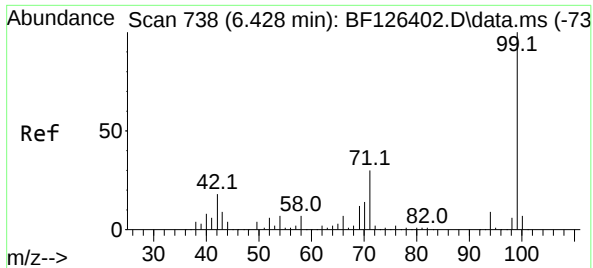
Tgt Ion:152 Resp: 118381
Ion Ratio Lower Upper
152 100
150 158.6 128.1 192.1
115 64.6 56.7 85.1



#5
2-Fluorophenol
Concen: 119.268 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.024 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

Tgt Ion:112 Resp: 983181
Ion Ratio Lower Upper
112 100
64 59.1 49.5 74.3
63 28.3 23.9 35.9

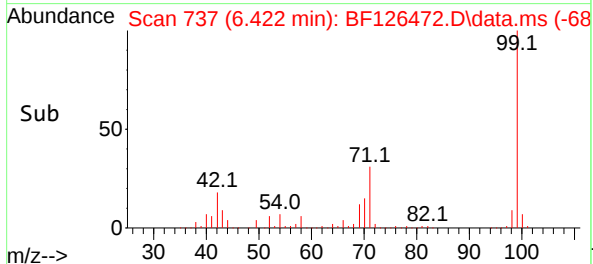
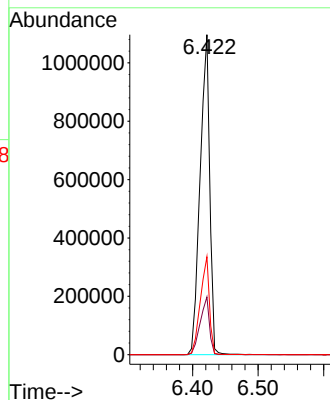
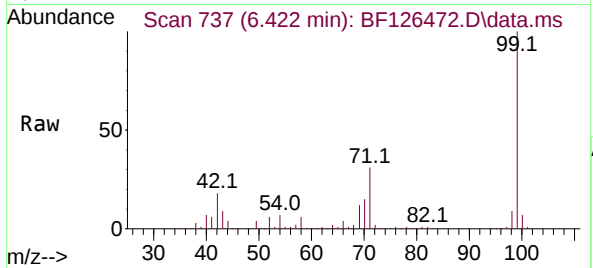




#7
Phenol-d6
Concen: 105.258 ng
RT: 6.422 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

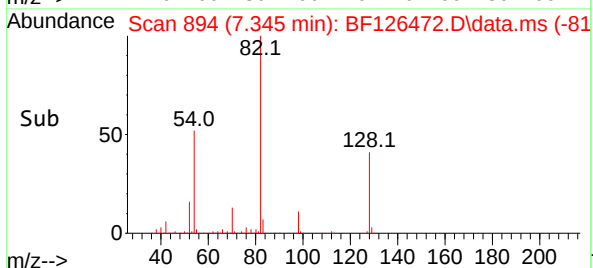
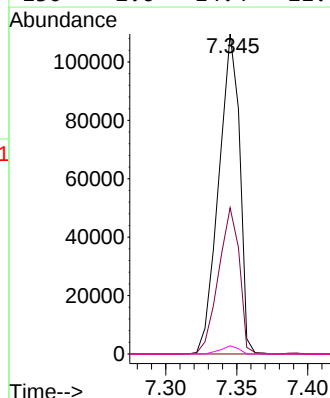
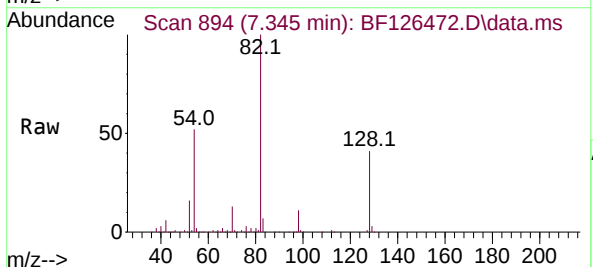
Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 99 Resp: 1123840
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 30.6 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.365 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

Tgt Ion: 70 Resp: 111892
Ion Ratio Lower Upper
70 100
42 45.7 45.8 68.8#
101 0.0 6.9 10.3#
130 2.6 14.4 21.6#



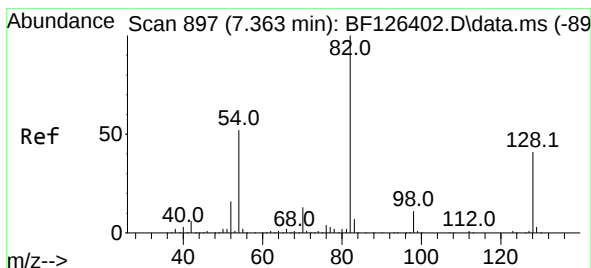
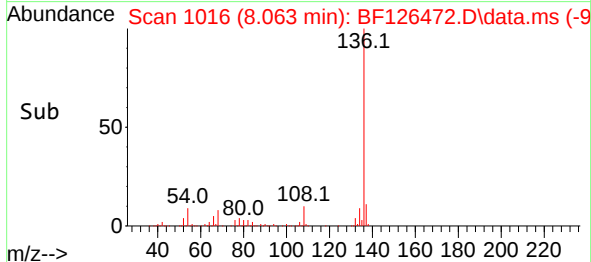
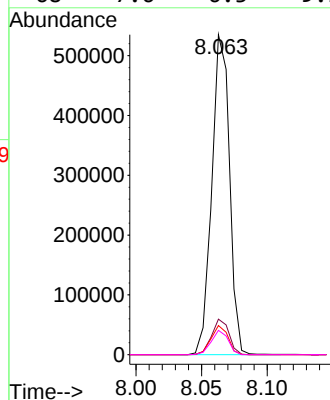
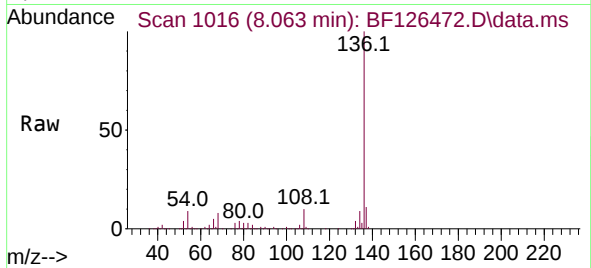


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:136 Resp: 502422

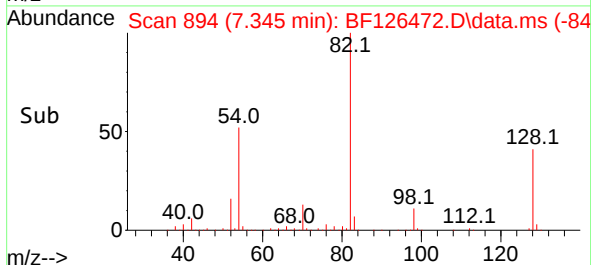
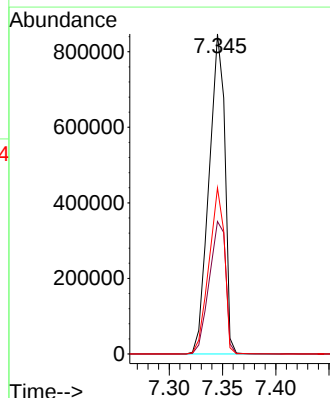
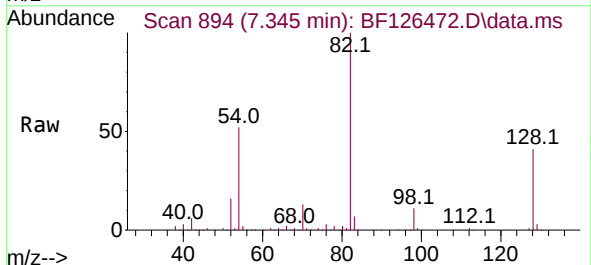
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.1	7.8	11.6
68	7.6	6.3	9.5



#23
Nitrobenzene-d5
Concen: 89.983 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

Tgt Ion: 82 Resp: 880480

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.7	49.1
54	51.9	41.7	62.5

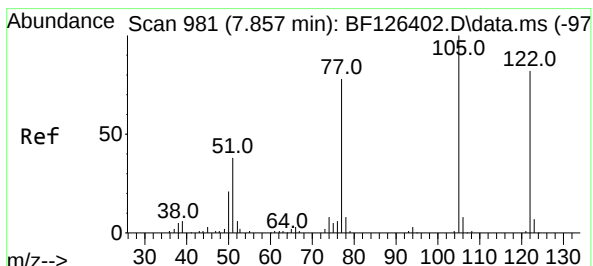
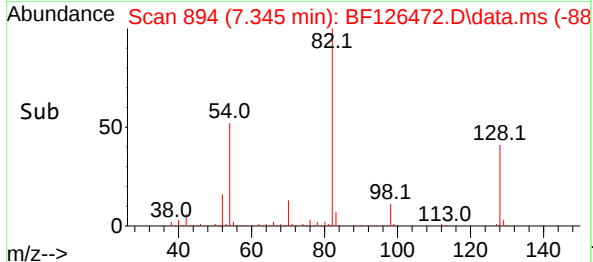
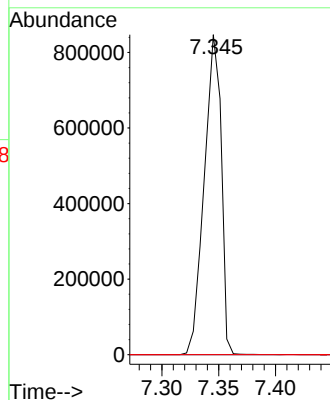
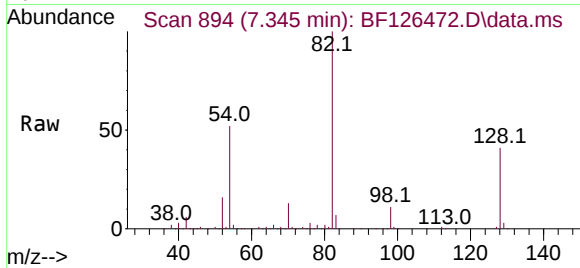




#25
Isophorone
Concen: 50.265 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

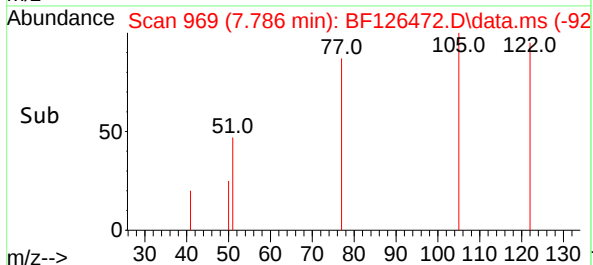
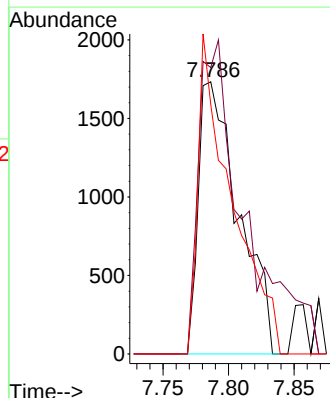
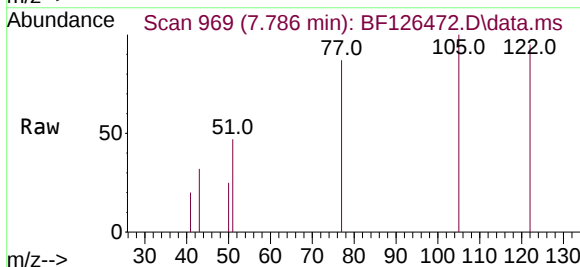
Instrument :
BNA_F
ClientSampleId :
WC-1

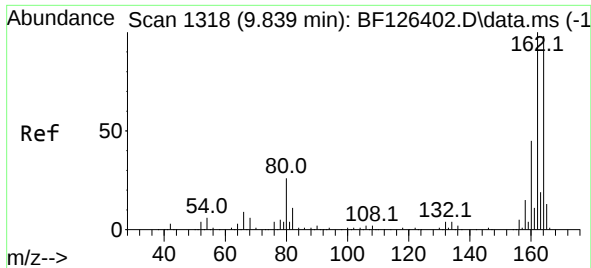
Tgt Ion: 82 Resp: 880470
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 7.715 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.059 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

Tgt Ion: 122 Resp: 3693
Ion Ratio Lower Upper
122 100
105 105.3 101.0 141.0
77 91.7 74.5 114.5

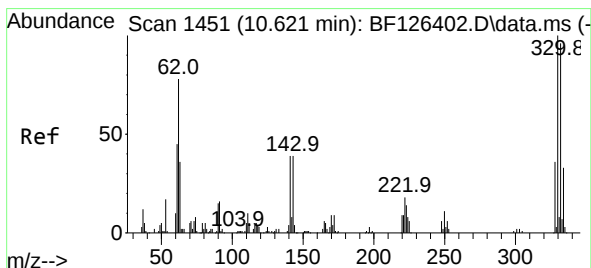
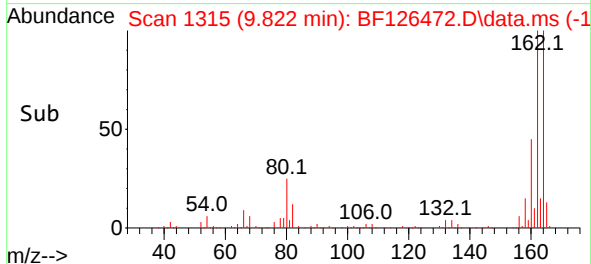
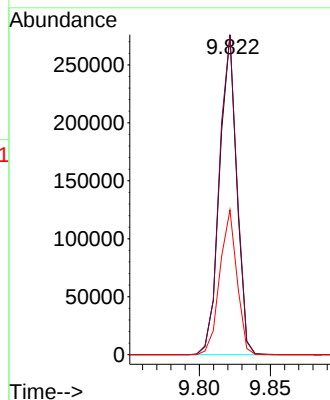
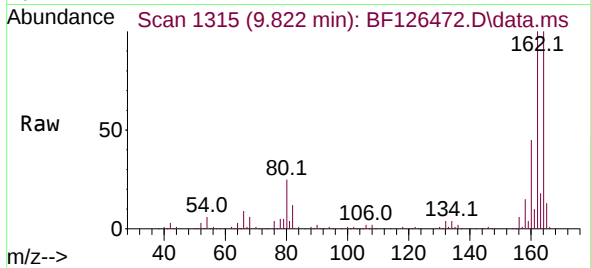




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

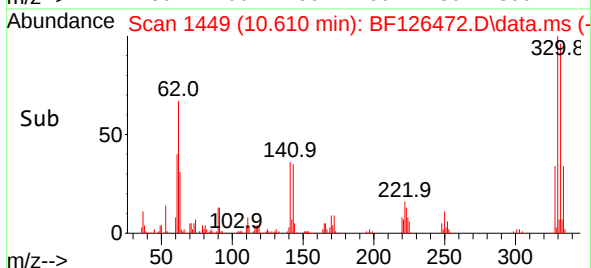
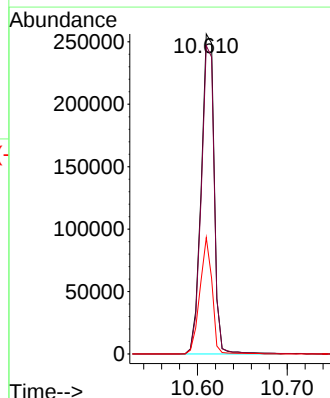
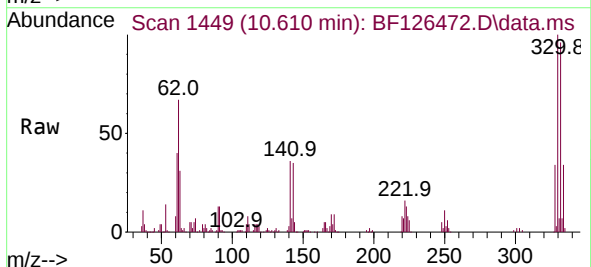
Instrument :
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ClientSampleId :
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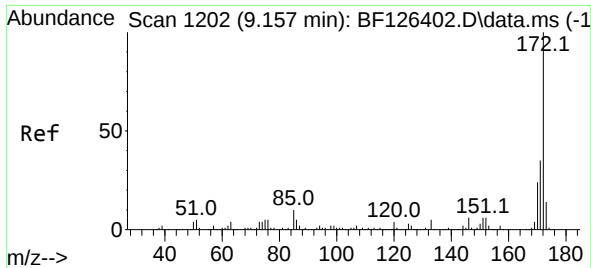
Tgt Ion:164 Resp: 231504
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.0
160 45.2 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 144.268 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

Tgt Ion:330 Resp: 258086
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 33.8 30.1 45.1

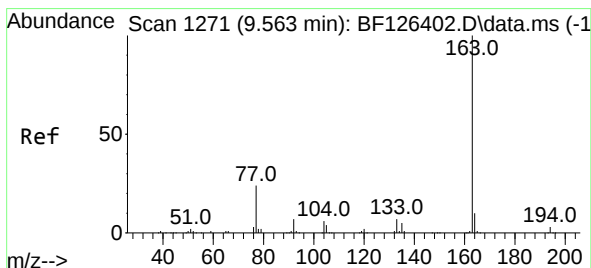
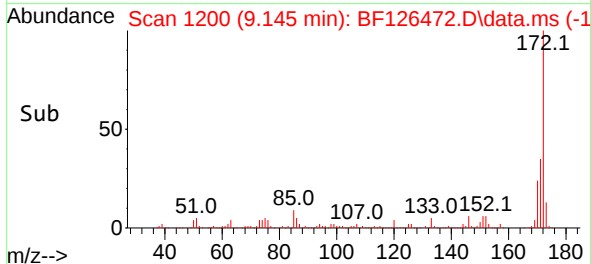
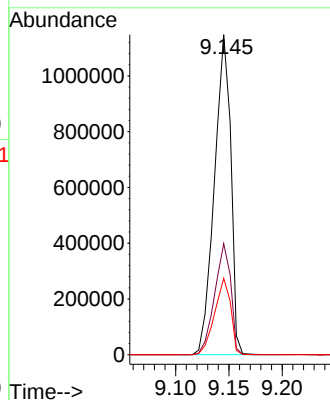
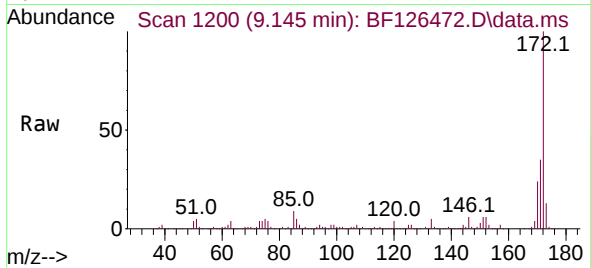




#45
2-Fluorobiphenyl
Concen: 92.966 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

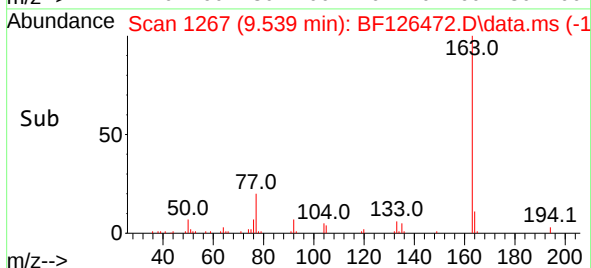
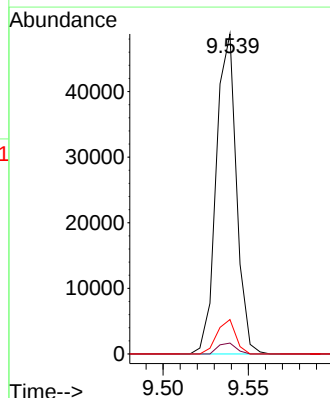
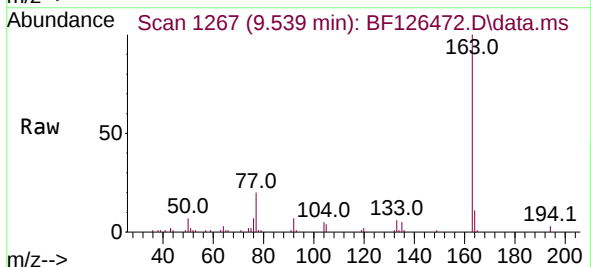
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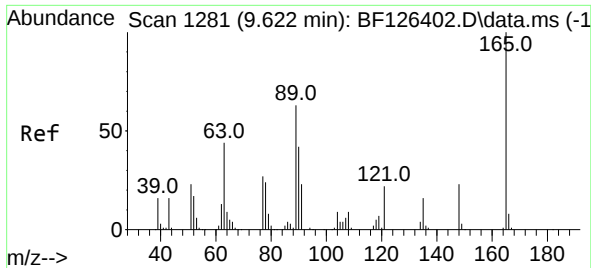
Tgt Ion:172 Resp: 1223028
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.8 19.0 28.6



#50
Dimethylphthalate
Concen: 2.785 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.012 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

Tgt Ion:163 Resp: 40256
Ion Ratio Lower Upper
163 100
194 3.4 2.6 3.8
164 10.7 7.8 11.8

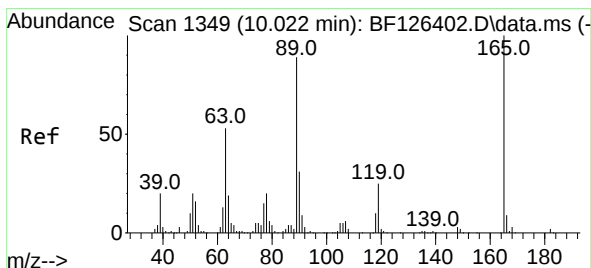
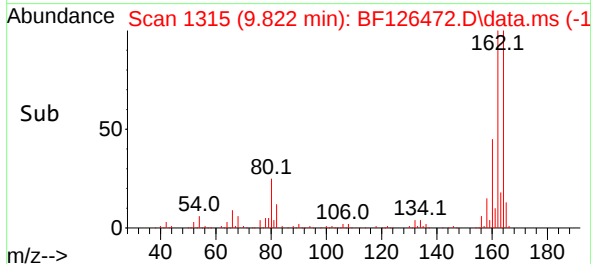
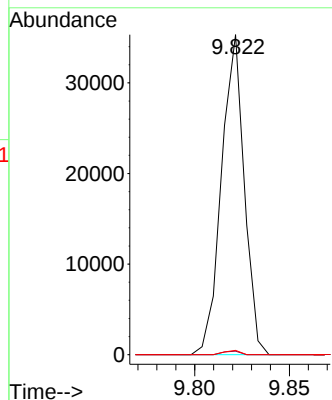
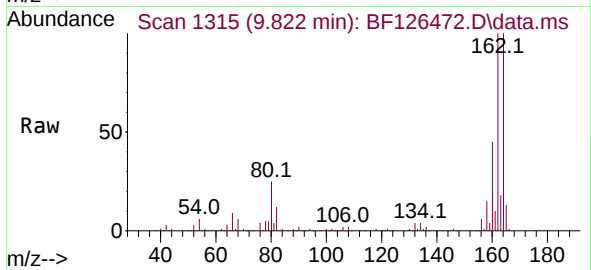




#51
2,6-Dinitrotoluene
Concen: 9.478 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

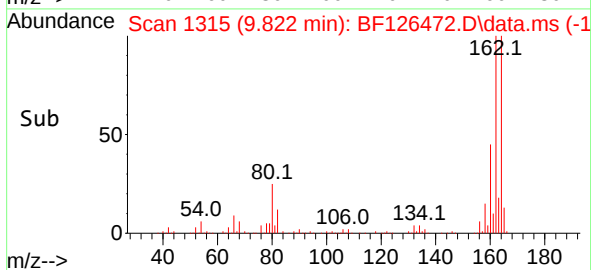
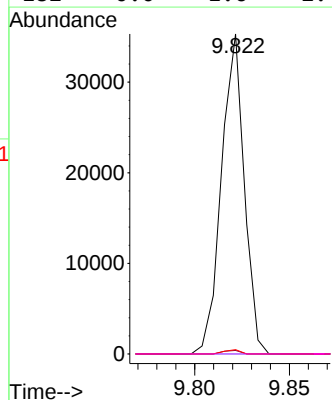
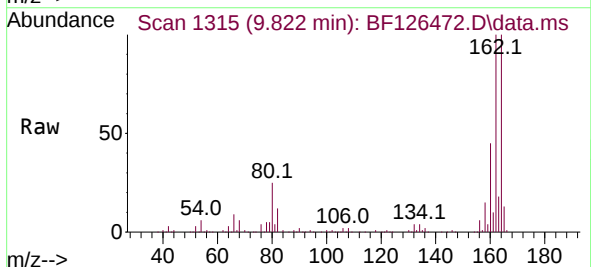
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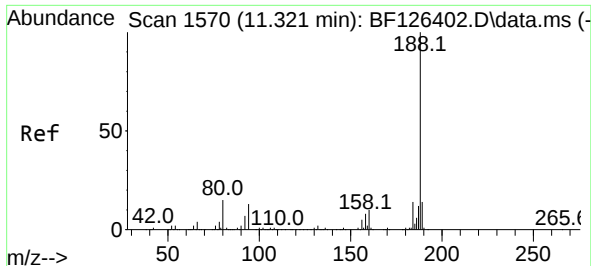
Tgt Ion:165 Resp: 29582
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 1.3 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.346 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

Tgt Ion:165 Resp: 29582
Ion Ratio Lower Upper
165 100
63 1.1 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#

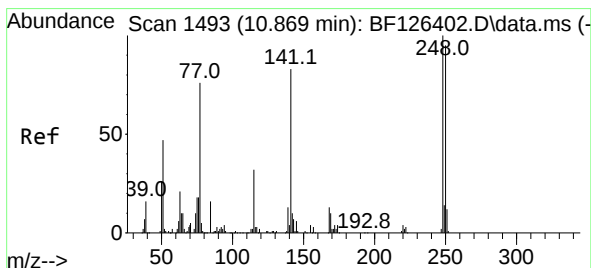
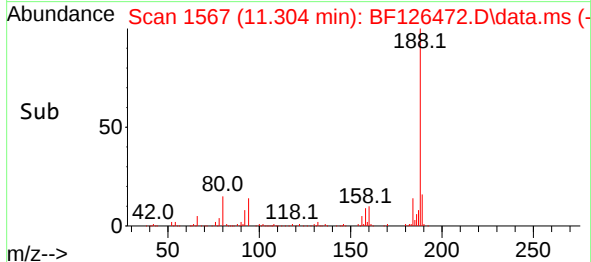
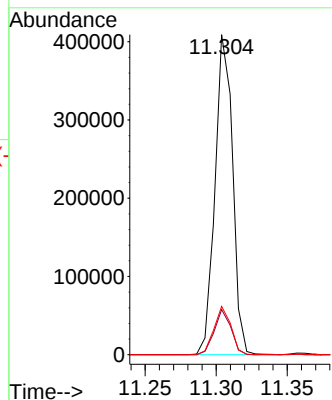
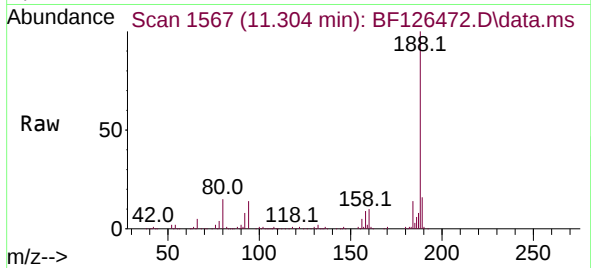




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

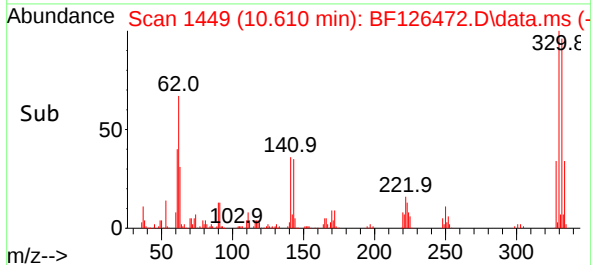
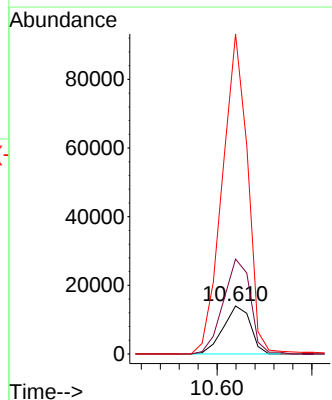
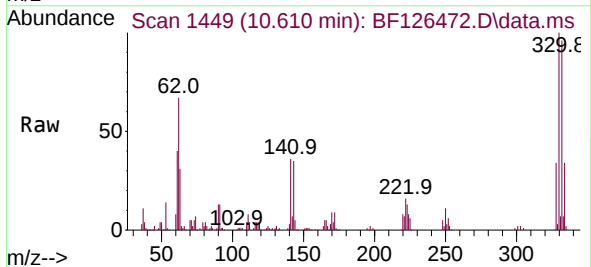
Instrument :
BNA_F
ClientSampleId :
WC-1

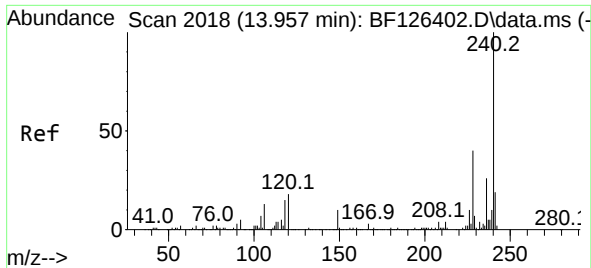
Tgt Ion:188 Resp: 351109
Ion Ratio Lower Upper
188 100
94 14.1 10.1 15.1
80 15.1 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 4.476 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.247 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

Tgt Ion:248 Resp: 13949
Ion Ratio Lower Upper
248 100
250 197.5 76.2 114.4#
141 665.9 66.2 99.4#

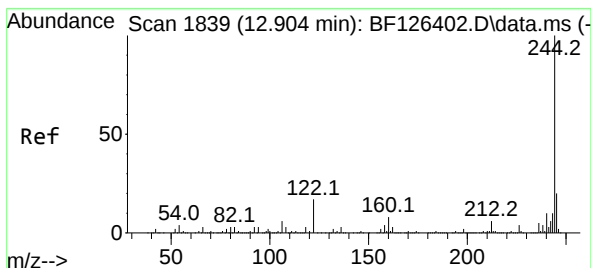
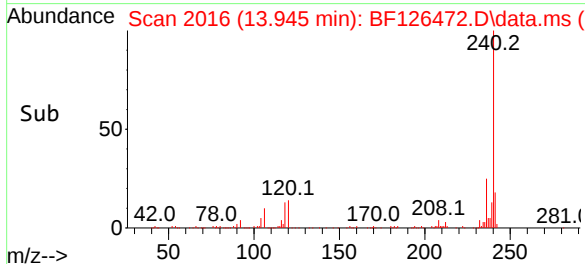
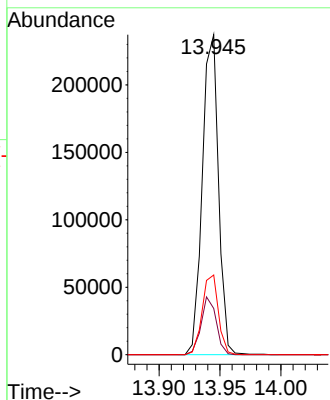
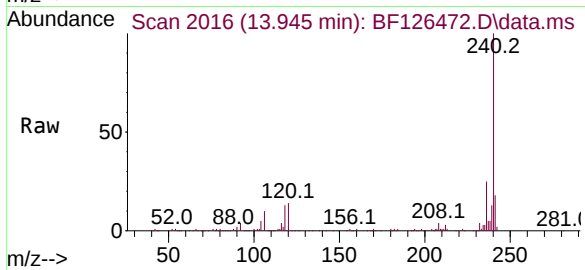




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

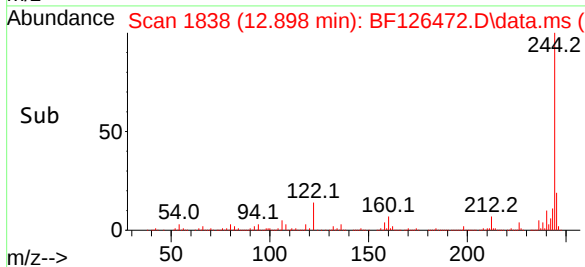
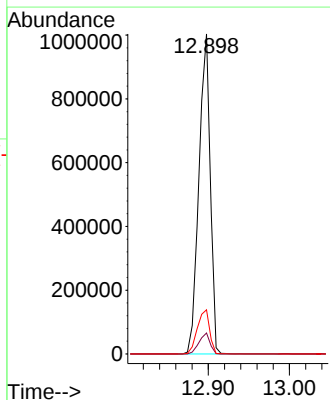
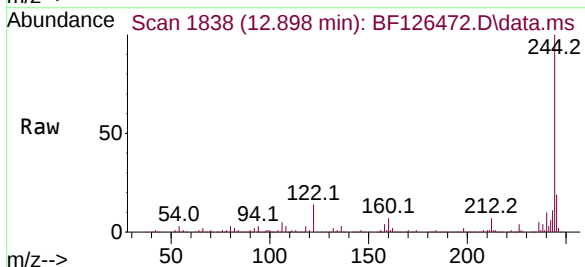
Instrument :
BNA_F
ClientSampleId :
WC-1

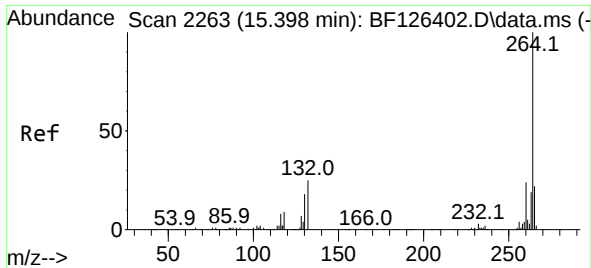
Tgt Ion:240 Resp: 218209
Ion Ratio Lower Upper
240 100
120 14.5 14.4 21.6
236 24.9 20.5 30.7



#79
Terphenyl-d14
Concen: 86.710 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

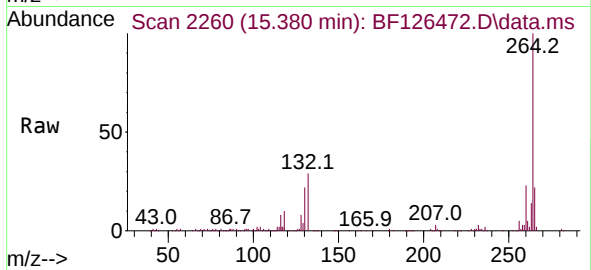
Tgt Ion:244 Resp: 973831
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 13.8 13.3 19.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126472.D
Acq: 4 Jan 2022 17:29

Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:264 Resp: 200038
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 22.2 17.4 26.2

