

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
 Data File : BF126345.D
 Acq On : 23 Dec 2021 15:38
 Operator : JU/CG
 Sample : M5187-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-119-1-40-57

Quant Time: Dec 27 06:50:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

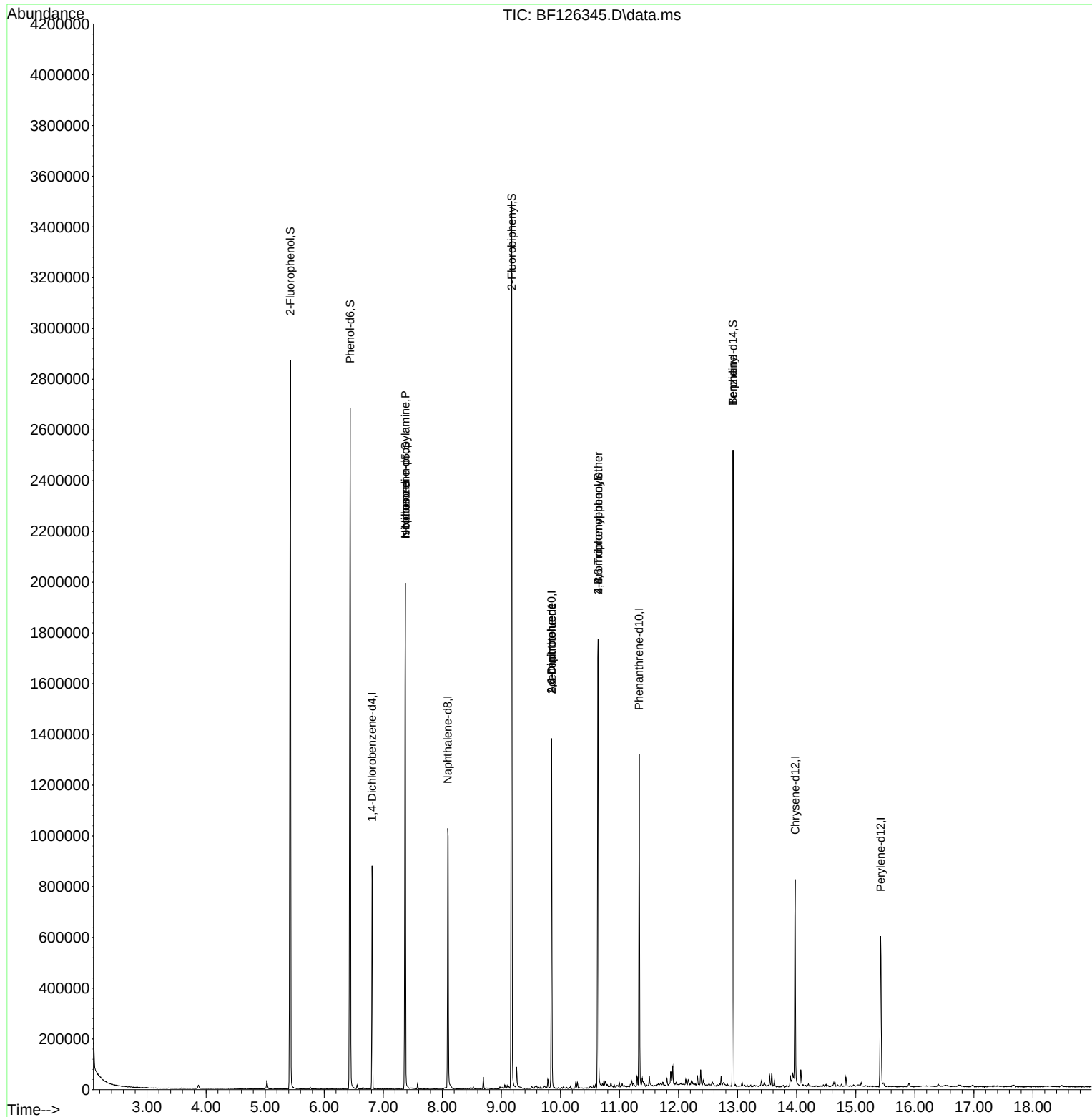
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	125269	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	540993	20.000	ng	#-0.01
39) Acenaphthene-d10	9.851	164	276316	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	431243	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	262288	20.000	ng	0.00
86) Perylene-d12	15.421	264	255419	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	847438	99.624	ng	0.00
7) Phenol-d6	6.439	99	1074462	99.479	ng	0.00
23) Nitrobenzene-d5	7.375	82	678578	67.933	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	223793	100.780	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1045949	66.390	ng	0.00
79) Terphenyl-d14	12.921	244	837298	55.486	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	84063	12.678	ng	# 54
25) Isophorone	7.375	82	678567	35.973	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	36117	9.533	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	36117	7.473	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	12086	2.986	ng	# 1
77) Benzidine	12.921	184	10513	2.542	ng	# 95

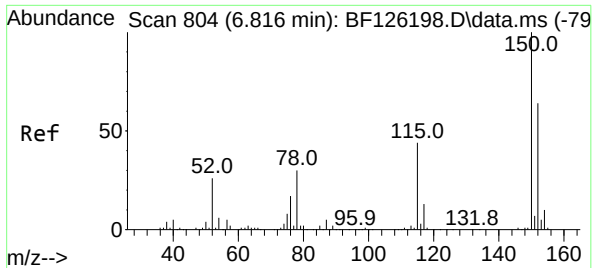
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

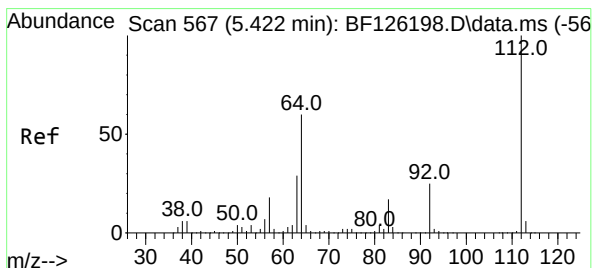
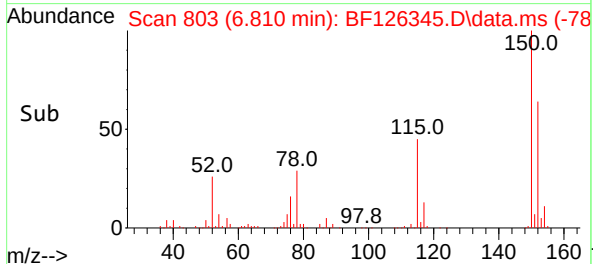
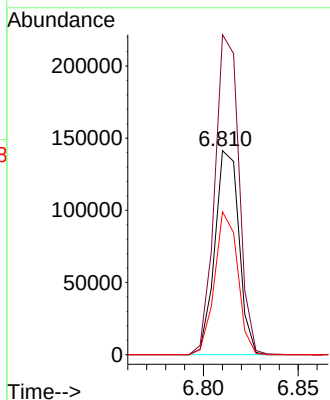
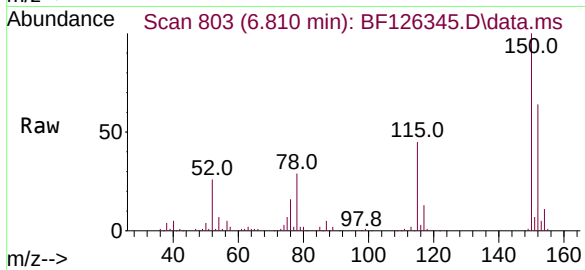




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126345.D
Acq: 23 Dec 2021 15:38

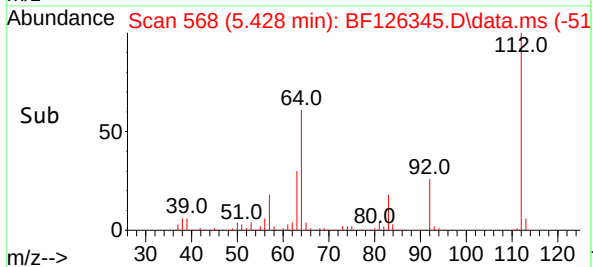
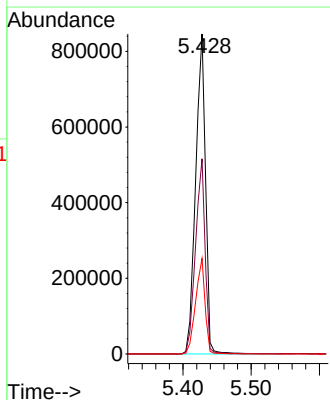
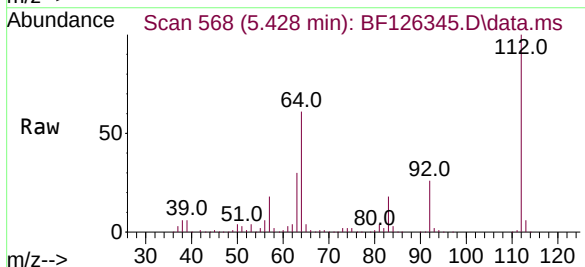
Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-40-57

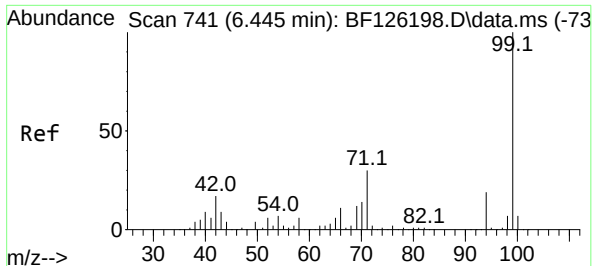
Tgt Ion:152 Resp: 125269
Ion Ratio Lower Upper
152 100
150 156.8 117.6 176.4
115 70.1 47.1 70.7



#5
2-Fluorophenol
Concen: 99.624 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF126345.D
Acq: 23 Dec 2021 15:38

Tgt Ion:112 Resp: 847438
Ion Ratio Lower Upper
112 100
64 61.0 44.2 66.2
63 29.9 26.2 39.2

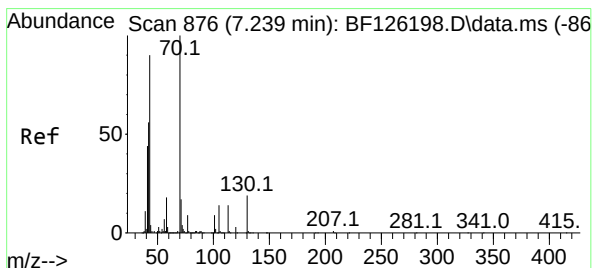
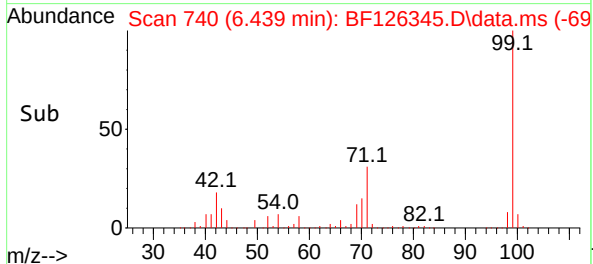
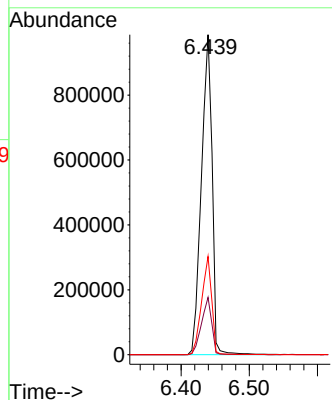
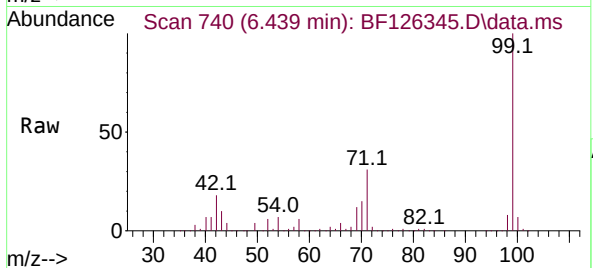




#7
Phenol-d6
Concen: 99.479 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126345.D
Acq: 23 Dec 2021 15:38

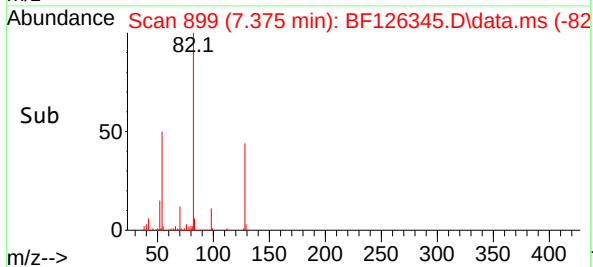
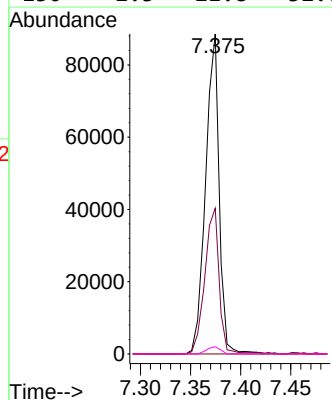
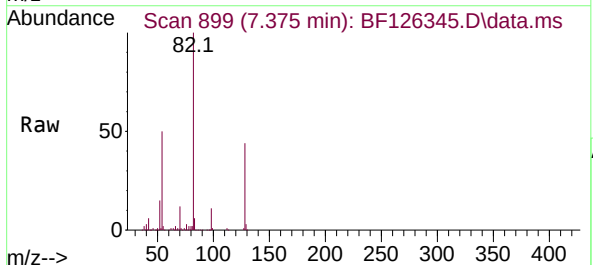
Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-40-57

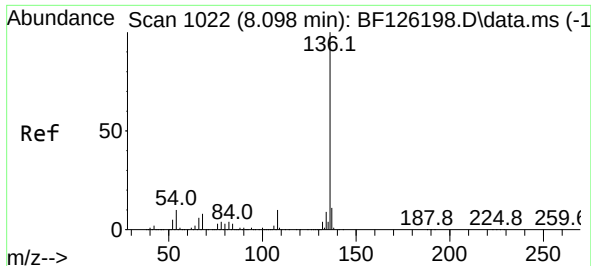
Tgt Ion: 99 Resp: 1074462
Ion Ratio Lower Upper
99 100
42 17.9 23.5 35.3#
71 30.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.678 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.141 min
Lab File: BF126345.D
Acq: 23 Dec 2021 15:38

Tgt Ion: 70 Resp: 84063
Ion Ratio Lower Upper
70 100
42 45.5 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#

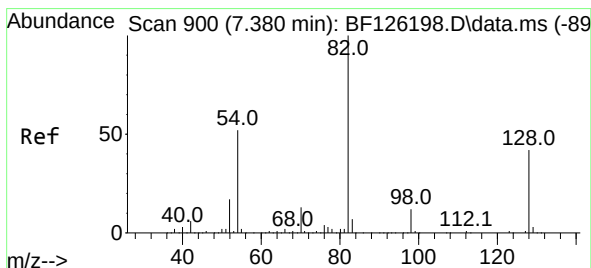
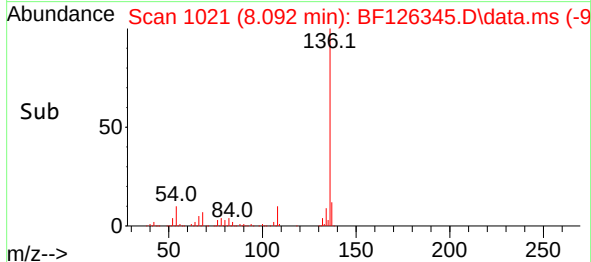
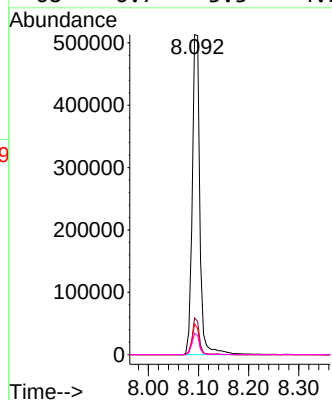
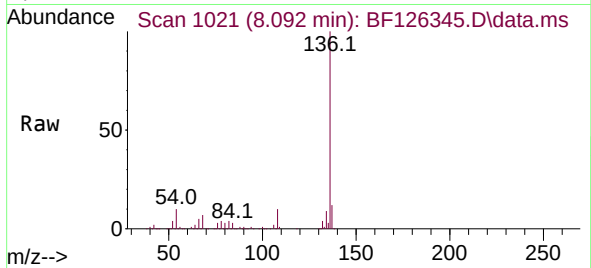




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF126345.D
Acq: 23 Dec 2021 15:38

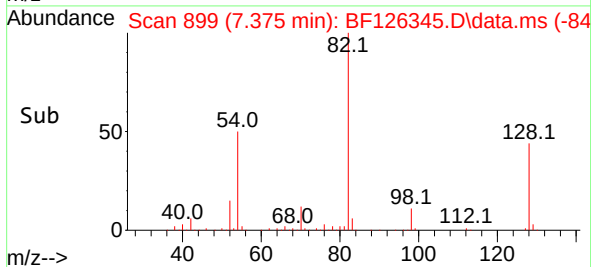
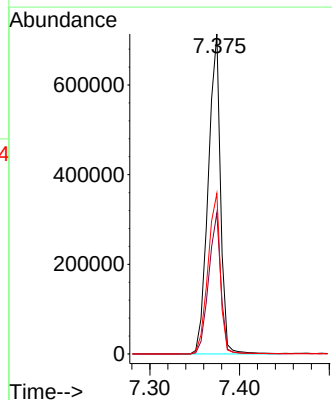
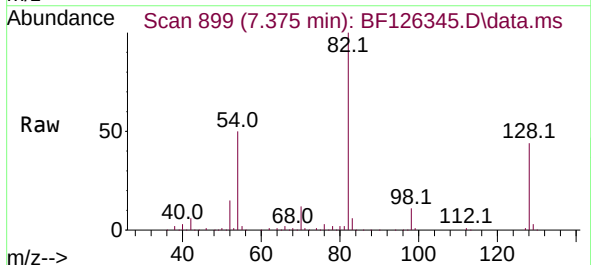
Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-40-57

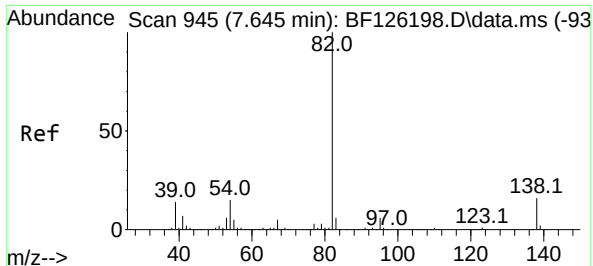
Tgt Ion:136	Resp: 540993
Ion Ratio	Lower Upper
136	100
137	11.5 9.8 14.6
54	9.6 6.4 9.6#
68	6.7 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 67.933 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126345.D
Acq: 23 Dec 2021 15:38

Tgt Ion: 82	Resp: 678578
Ion Ratio	Lower Upper
82	100
128	44.1 40.6 60.8
54	50.2 49.6 74.4

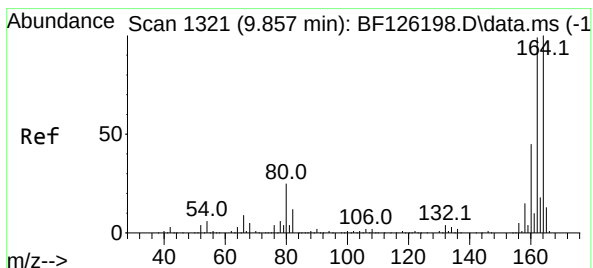
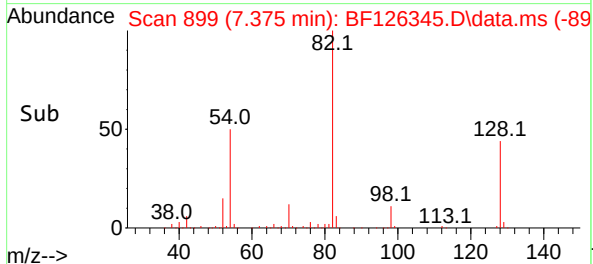
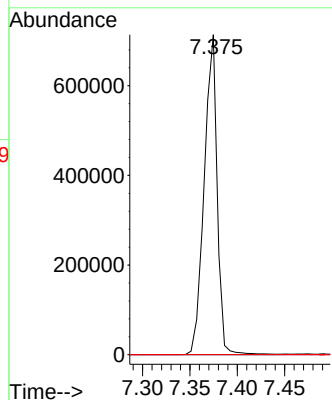
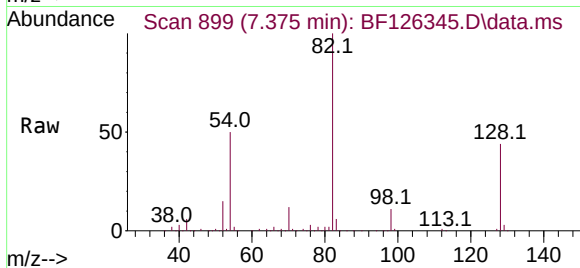




#25
Isophorone
Concen: 35.973 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF126345.D
Acq: 23 Dec 2021 15:38

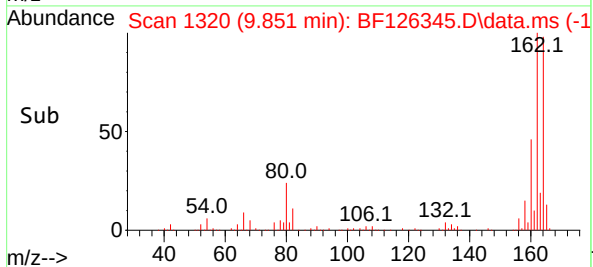
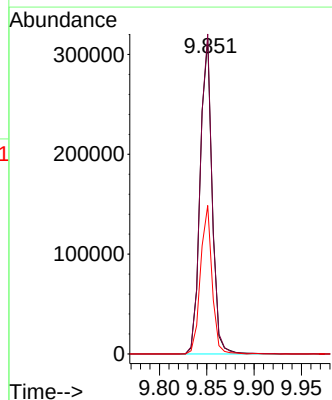
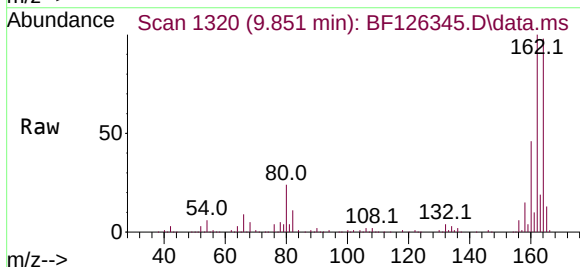
Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-40-57

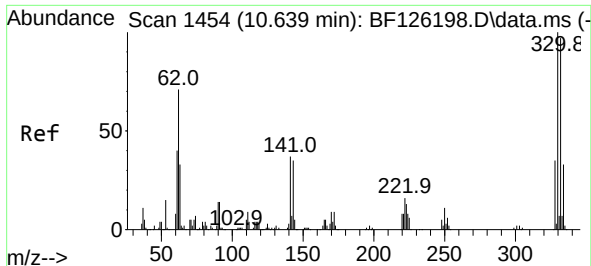
Tgt Ion: 82 Resp: 678567
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126345.D
Acq: 23 Dec 2021 15:38

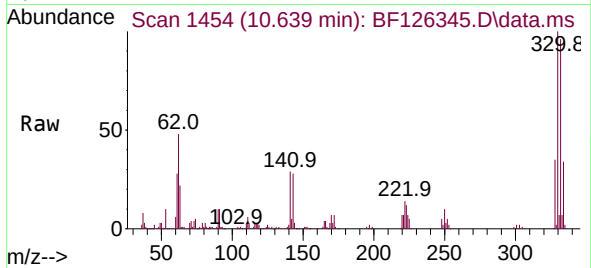
Tgt Ion: 164 Resp: 276316
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 47.2 38.0 57.0



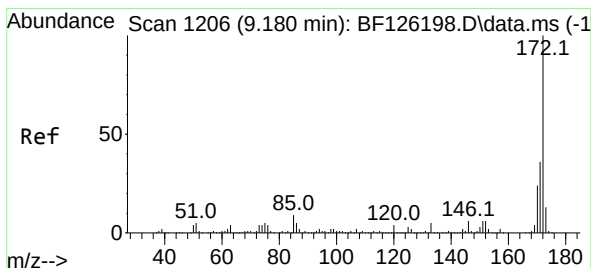
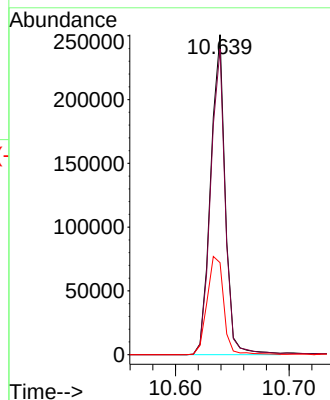
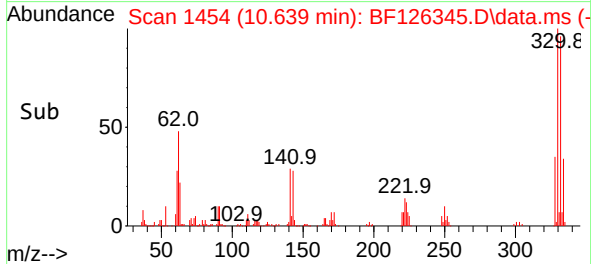


#42
2,4,6-Tribromophenol
Concen: 100.780 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF126345.D
Acq: 23 Dec 2021 15:38

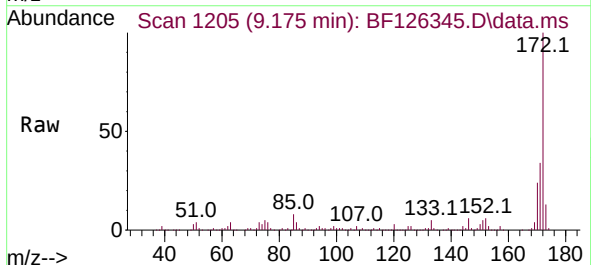
Instrument :
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ClientSampleId :
SASP2-119-1-40-57



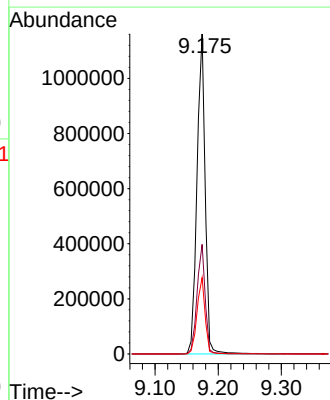
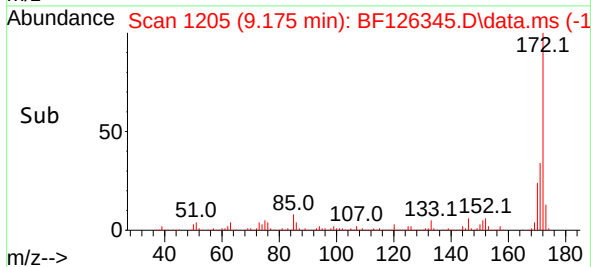
Tgt Ion:330 Resp: 223793
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 35.0 44.6 66.8#

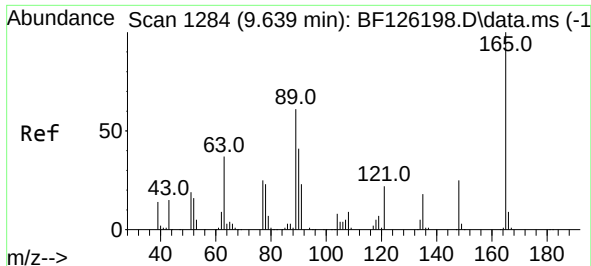


#45
2-Fluorobiphenyl
Concen: 66.390 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126345.D
Acq: 23 Dec 2021 15:38



Tgt Ion:172 Resp: 1045949
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 23.9 18.8 28.2

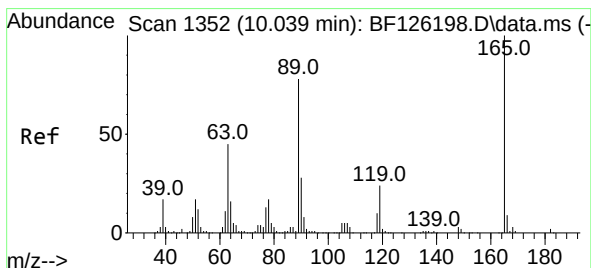
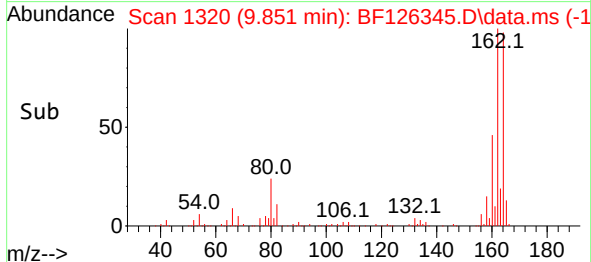
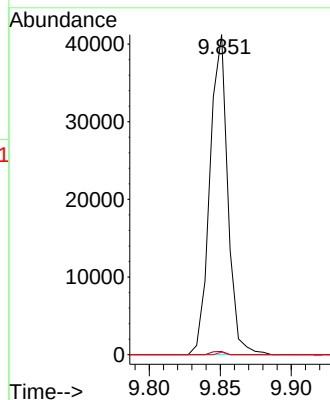
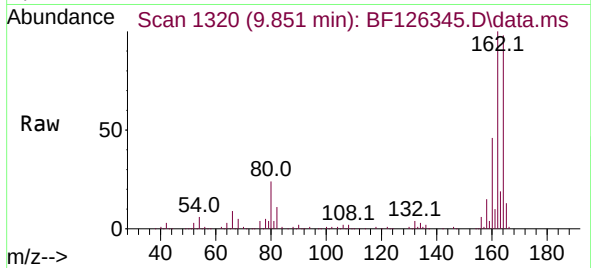




#51
2,6-Dinitrotoluene
Concen: 9.533 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126345.D
Acq: 23 Dec 2021 15:38

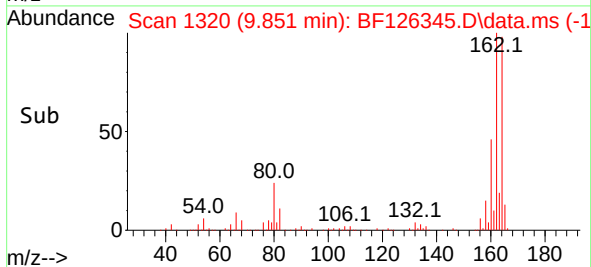
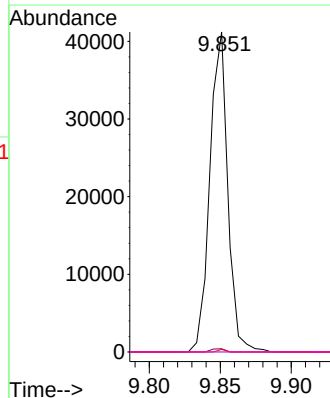
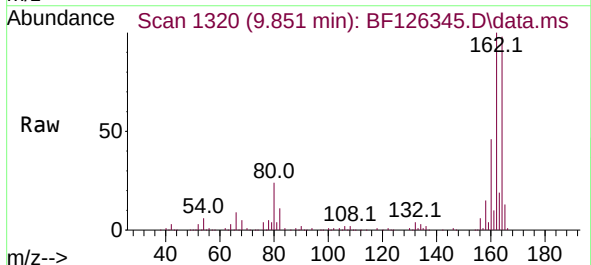
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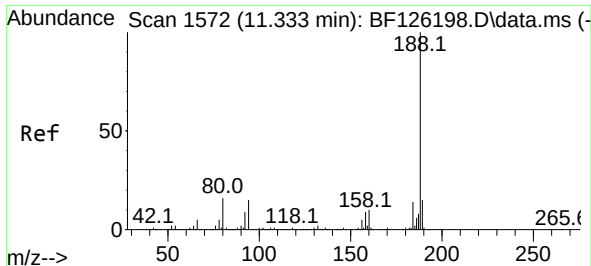
Tgt Ion:165 Resp: 36117
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 0.8 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.473 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF126345.D
Acq: 23 Dec 2021 15:38

Tgt Ion:165 Resp: 36117
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 0.8 59.7 89.5#
182 0.0 0.0 0.0

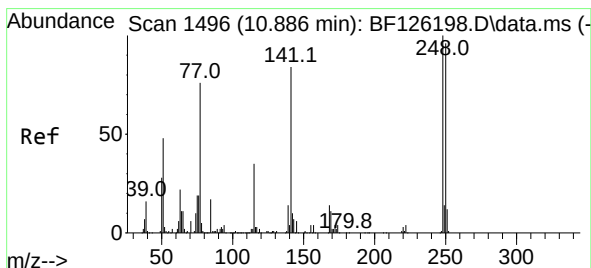
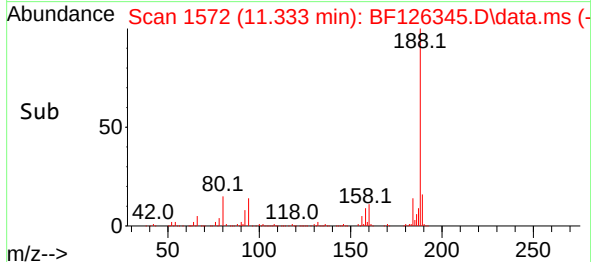
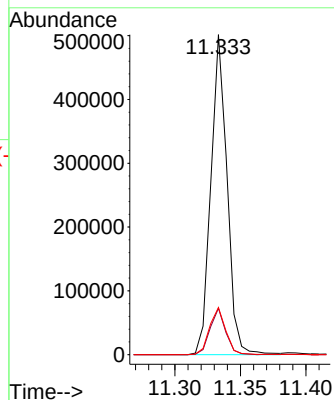
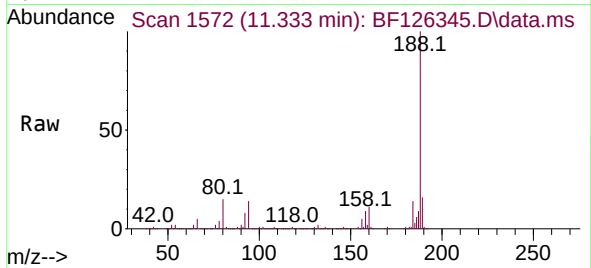




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126345.D
Acq: 23 Dec 2021 15:38

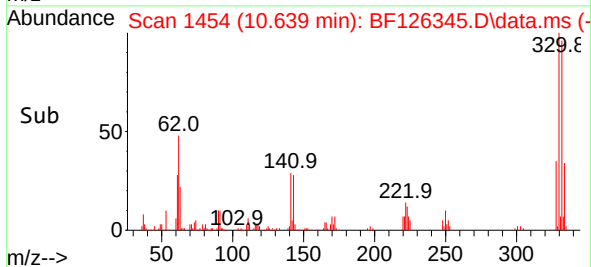
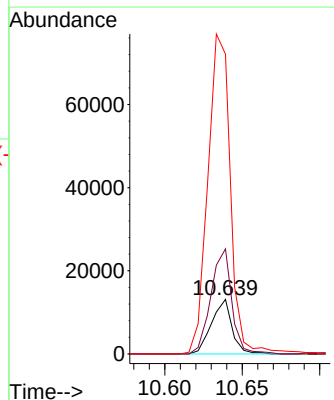
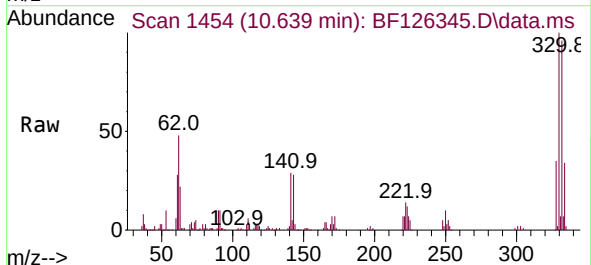
Instrument :
BNA_F
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SASP2-119-1-40-57

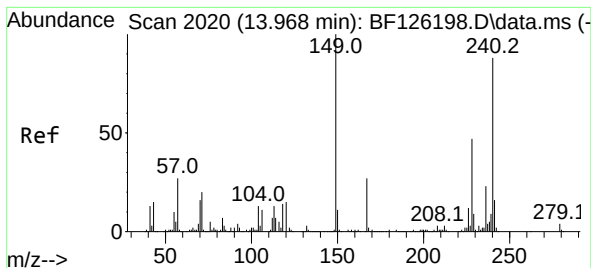
Tgt Ion:188 Resp: 431243
Ion Ratio Lower Upper
188 100
94 14.5 6.7 10.1#
80 14.7 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 2.986 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126345.D
Acq: 23 Dec 2021 15:38

Tgt Ion:248 Resp: 12086
Ion Ratio Lower Upper
248 100
250 192.9 74.2 111.4#
141 550.0 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF126345.D

Acq: 23 Dec 2021 15:38

Instrument :

BNA_F

ClientSampleId :

SASP2-119-1-40-57

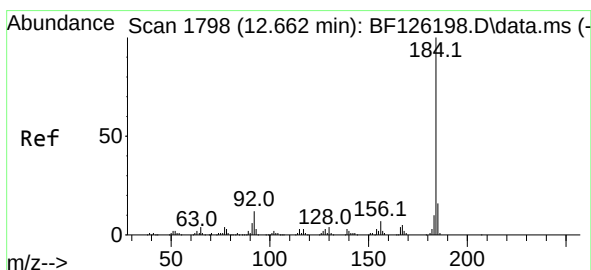
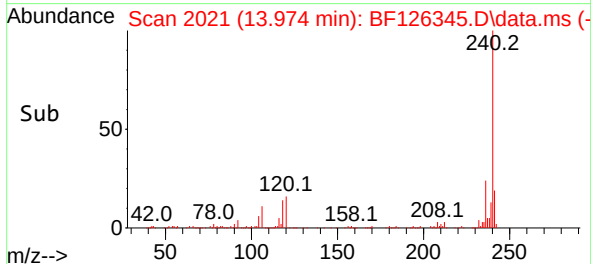
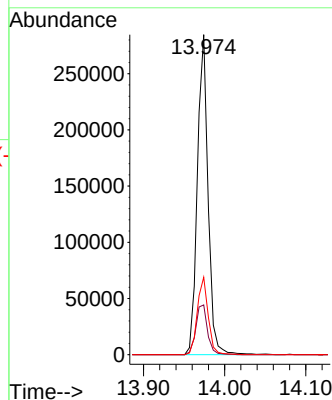
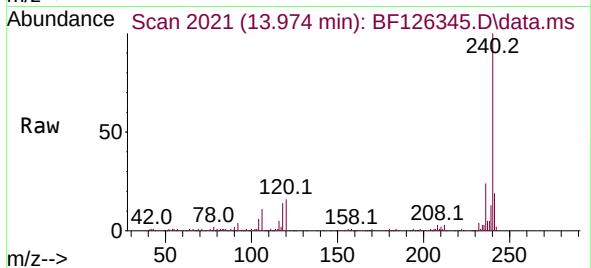
Tgt Ion:240 Resp: 262288

Ion Ratio Lower Upper

240 100

120 15.6 10.8 16.2

236 24.2 21.6 32.4



#77

Benzdine

Concen: 2.542 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.247 min

Lab File: BF126345.D

Acq: 23 Dec 2021 15:38

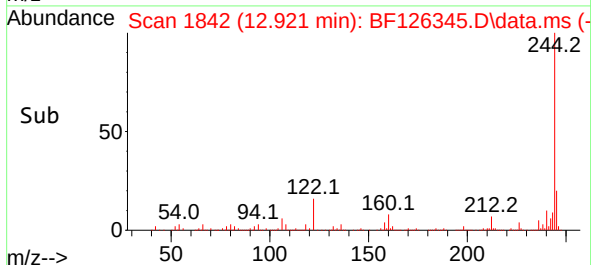
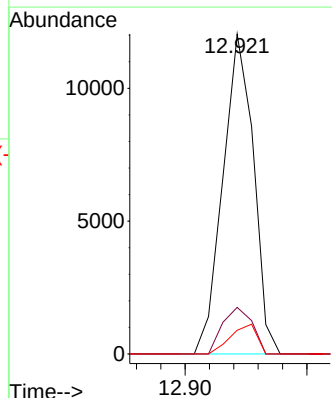
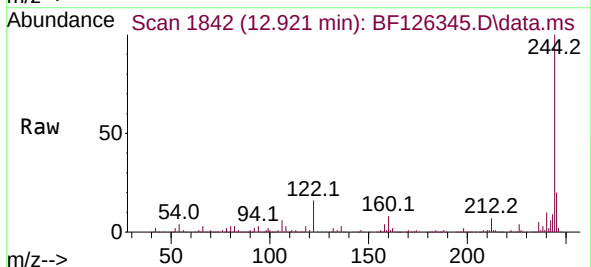
Tgt Ion:184 Resp: 10513

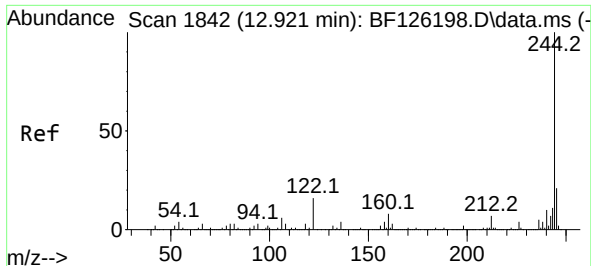
Ion Ratio Lower Upper

184 100

185 14.6 10.8 16.2

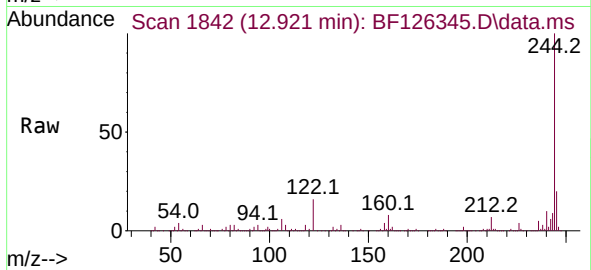
183 7.4 8.1 12.1#



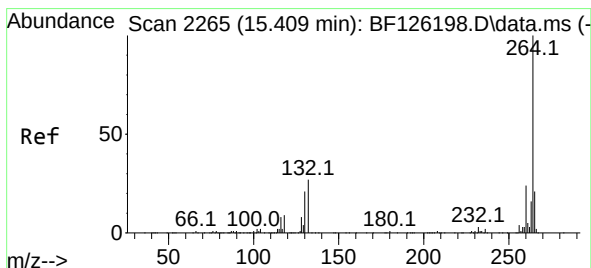
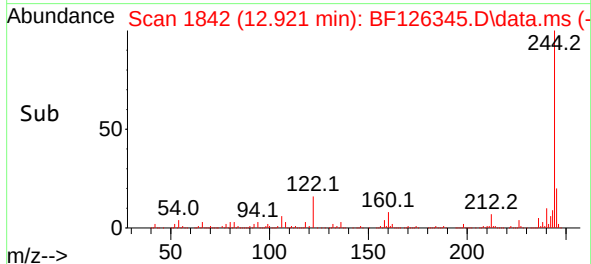
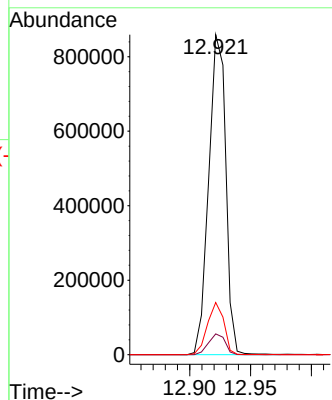


#79
 Terphenyl-d14
 Concen: 55.486 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF126345.D
 Acq: 23 Dec 2021 15:38

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-119-1-40-57



Tgt Ion:244 Resp: 837298
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 16.3 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF126345.D
 Acq: 23 Dec 2021 15:38

Tgt Ion:264 Resp: 255419
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.6 29.4
 265 20.9 17.2 25.8

