

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
 Data File : BF126254.D
 Acq On : 18 Dec 2021 15:08
 Operator : JU/CG
 Sample : M5082-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 08:02:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

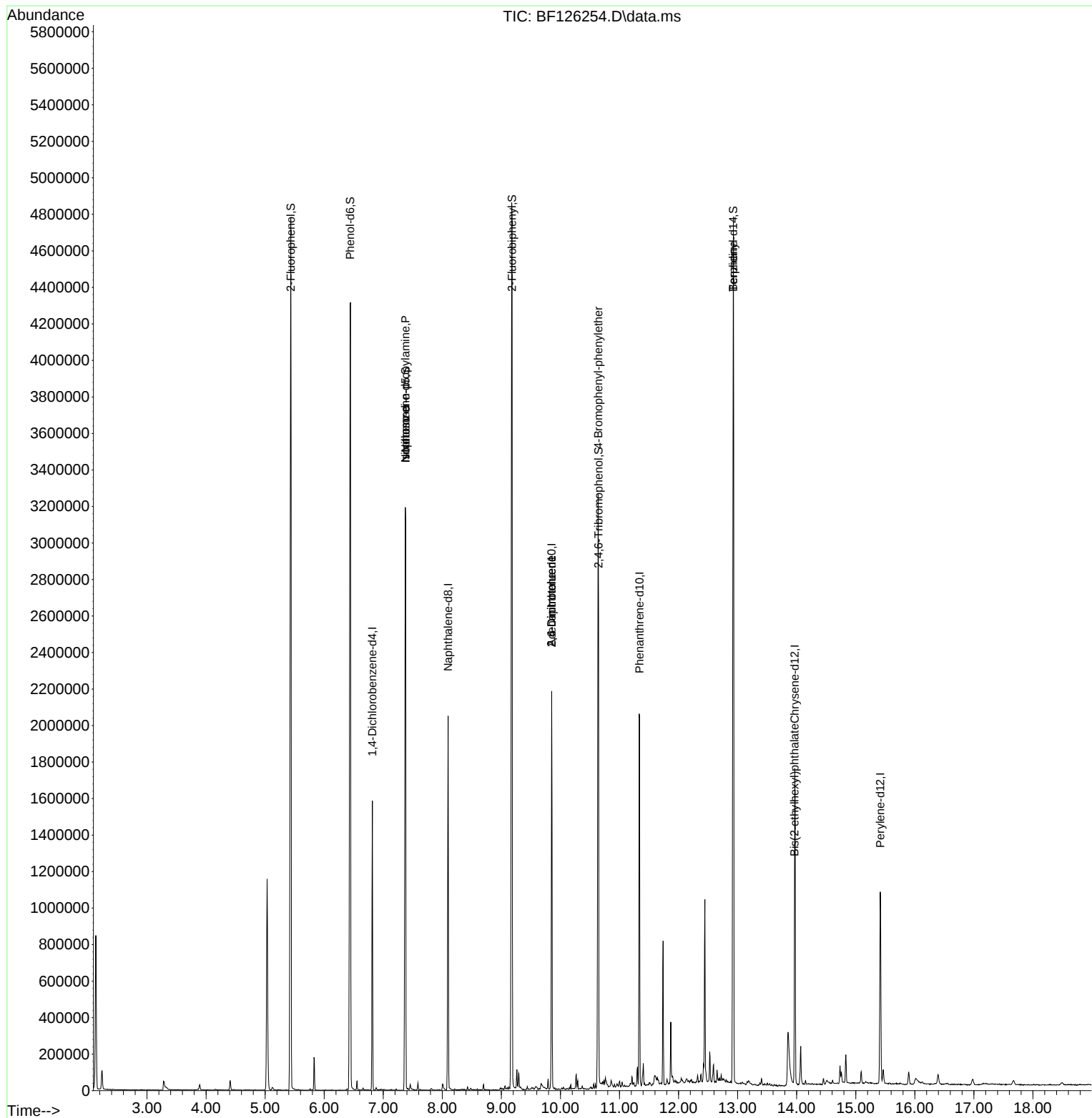
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	208175	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	892845	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	438211	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	737526	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	544245	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	449713	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1596044	112.906	ng	0.01
7) Phenol-d6	6.439	99	2034536	113.349	ng	0.00
23) Nitrobenzene-d5	7.375	82	1339002	81.223	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	441130	125.262	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1815697	72.671	ng	0.00
79) Terphenyl-d14	12.927	244	1801514	57.534	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	170269	15.452	ng	# 54
25) Isophorone	7.375	82	1278116	41.056	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	55150	9.179	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	55150	7.196	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	22467	3.246	ng	# 1
77) Benzidine	12.927	184	22995	2.680	ng	# 95
84) Bis(2-ethylhexyl)phtha...	13.962	149	58924	2.241	ng	97

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

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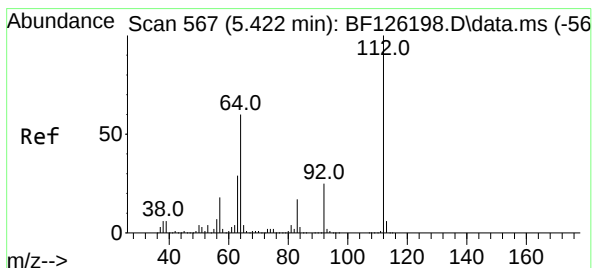
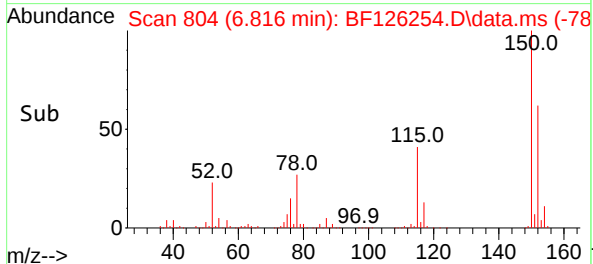
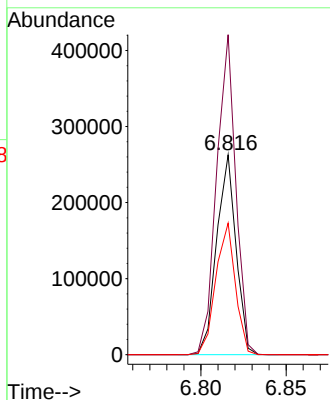
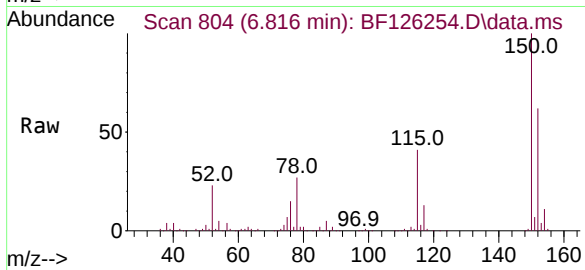




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126254.D
Acq: 18 Dec 2021 15:08

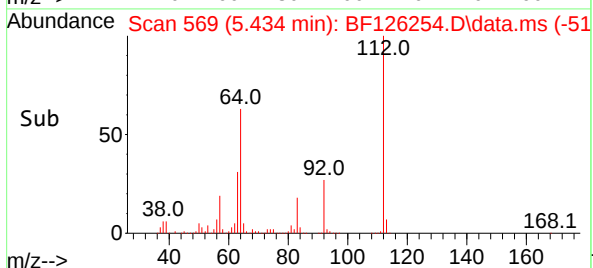
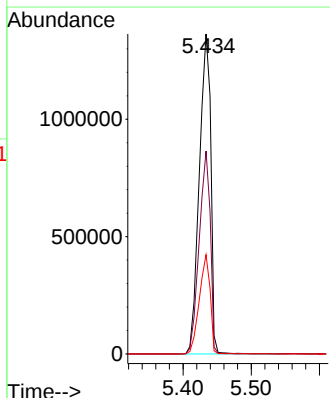
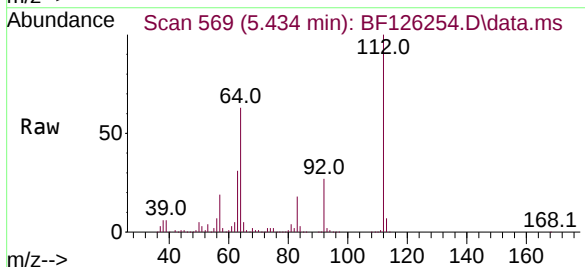
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 208175
Ion Ratio Lower Upper
152 100
150 160.1 117.6 176.4
115 65.8 47.1 70.7



#5
2-Fluorophenol
Concen: 112.906 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF126254.D
Acq: 18 Dec 2021 15:08

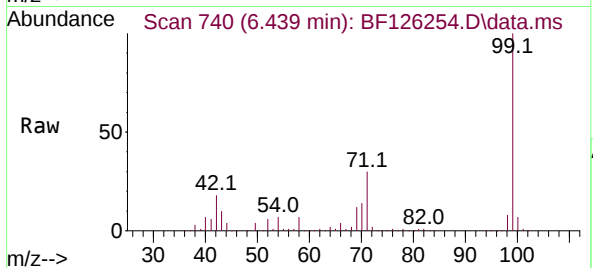
Tgt Ion:112 Resp: 1596044
Ion Ratio Lower Upper
112 100
64 63.4 44.2 66.2
63 31.0 26.2 39.2



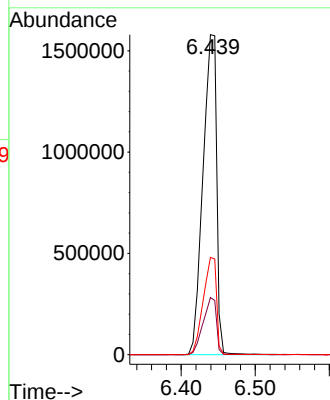
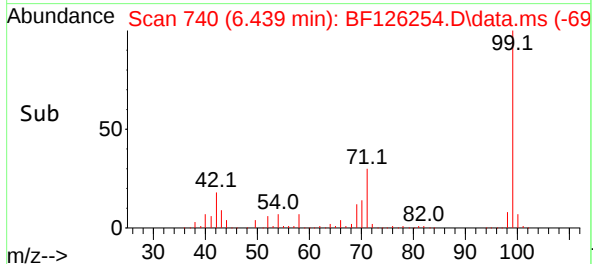


#7
Phenol-d6
Concen: 113.349 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126254.D
Acq: 18 Dec 2021 15:08

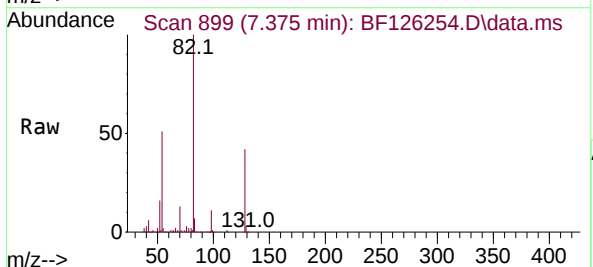
Instrument :
BNA_F
ClientSampleId :



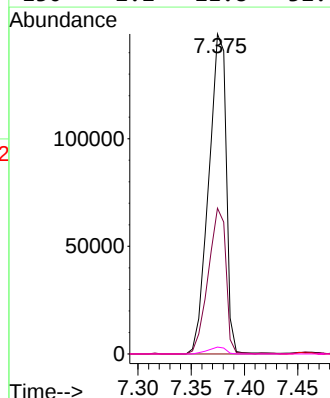
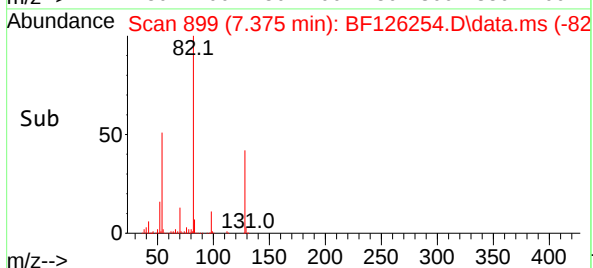
Tgt Ion: 99 Resp: 2034536
Ion Ratio Lower Upper
99 100
42 17.9 23.5 35.3#
71 30.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.452 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF126254.D
Acq: 18 Dec 2021 15:08



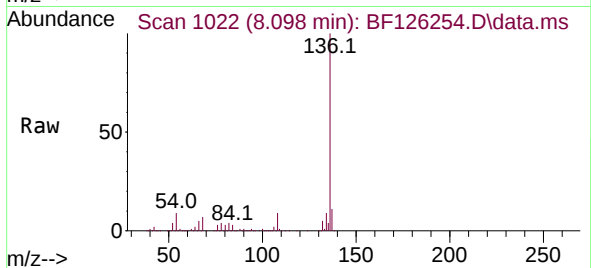
Tgt Ion: 70 Resp: 170269
Ion Ratio Lower Upper
70 100
42 45.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#



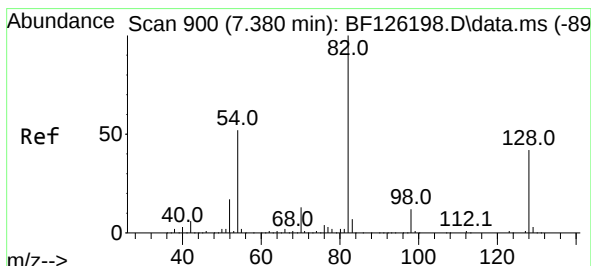
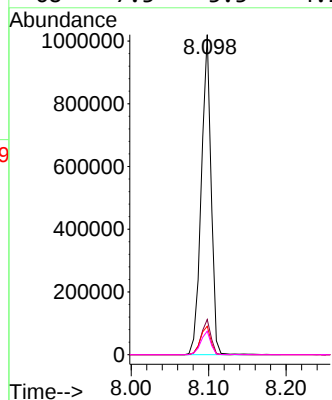
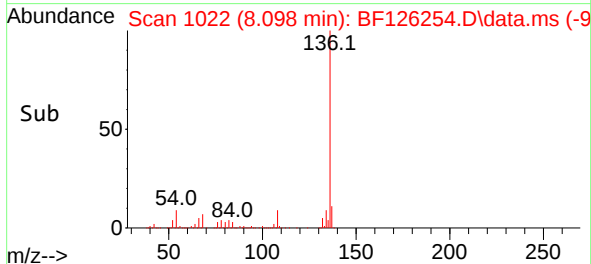


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126254.D
Acq: 18 Dec 2021 15:08

Instrument :
BNA_F
ClientSampleId :

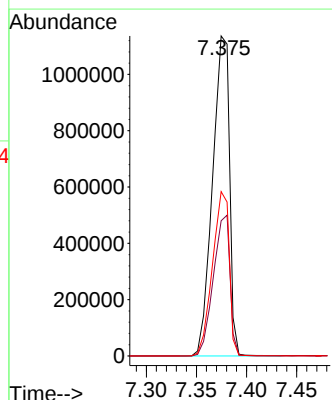
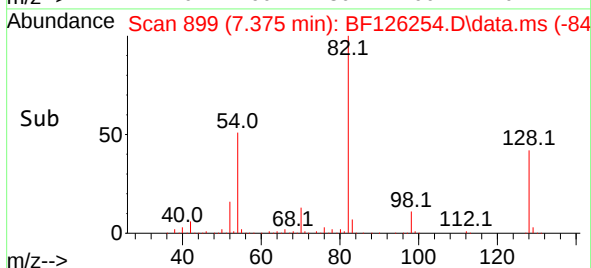
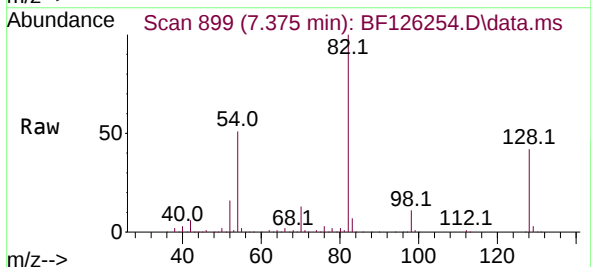


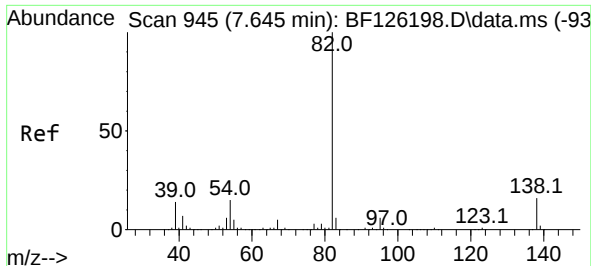
Tgt Ion:136 Resp: 892845
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 8.9 6.4 9.6
68 7.3 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 81.223 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126254.D
Acq: 18 Dec 2021 15:08

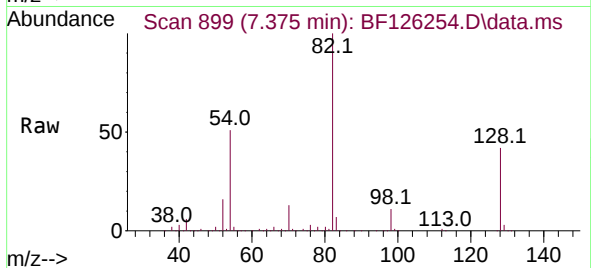
Tgt Ion: 82 Resp: 1339002
Ion Ratio Lower Upper
82 100
128 42.3 40.6 60.8
54 51.4 49.6 74.4



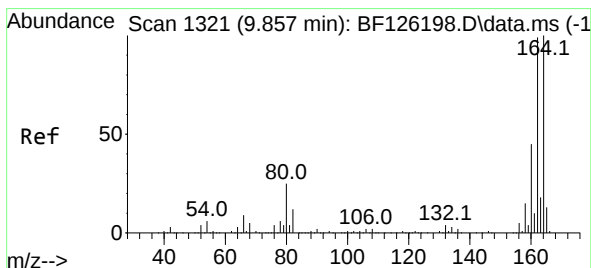
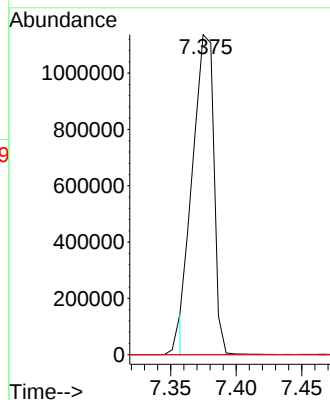
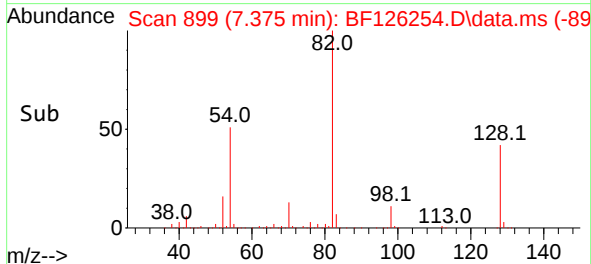


#25
Isophorone
Concen: 41.056 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.271 min
Lab File: BF126254.D
Acq: 18 Dec 2021 15:08

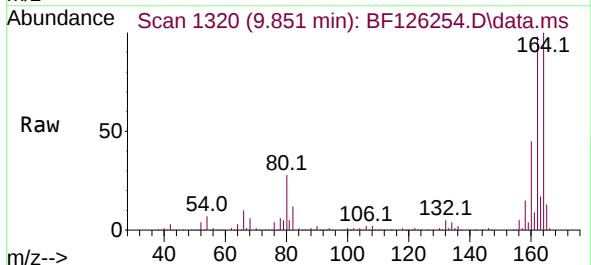
Instrument :
BNA_F
ClientSampleId :



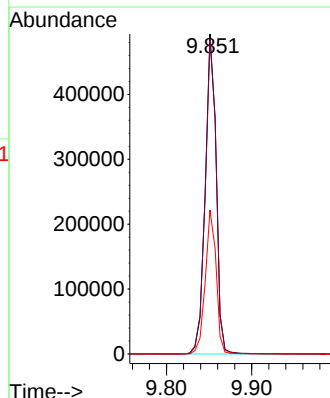
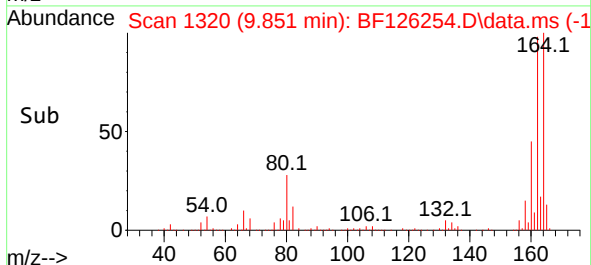
Tgt Ion: 82 Resp: 1278116
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

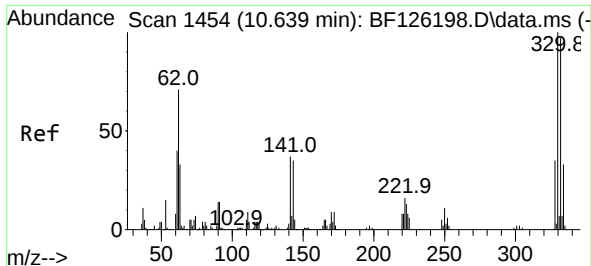


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126254.D
Acq: 18 Dec 2021 15:08



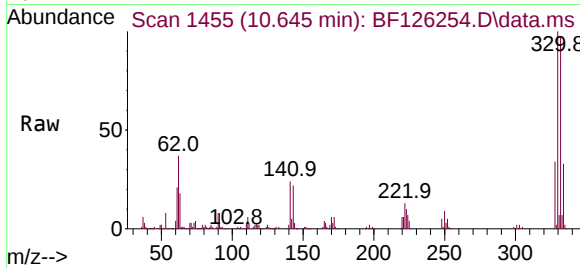
Tgt Ion: 164 Resp: 438211
Ion Ratio Lower Upper
164 100
162 98.5 81.3 121.9
160 45.0 38.0 57.0



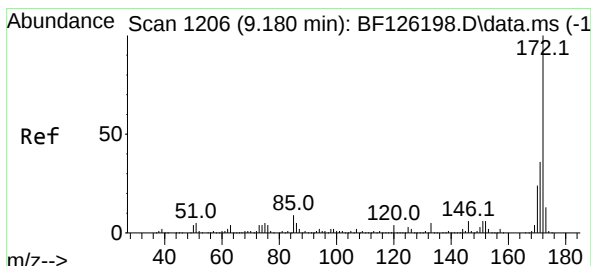
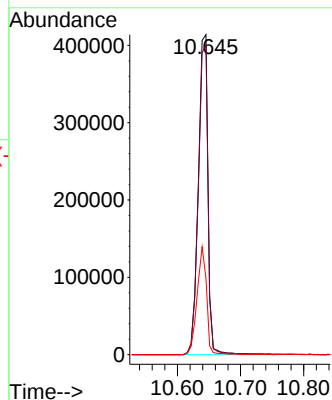
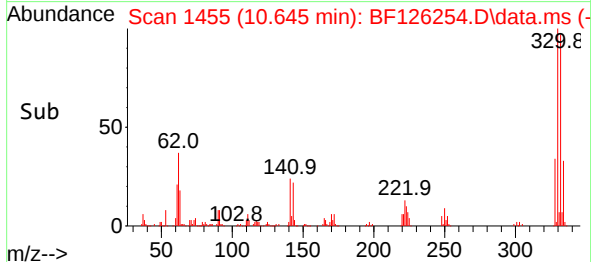


#42
 2,4,6-Tribromophenol
 Concen: 125.262 ng
 RT: 10.645 min Scan# 1454
 Delta R.T. 0.006 min
 Lab File: BF126254.D
 Acq: 18 Dec 2021 15:08

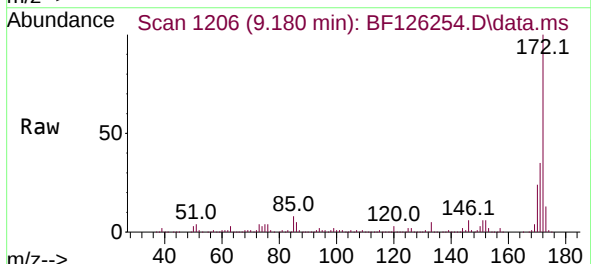
Instrument :
 BNA_F
 ClientSampleId :



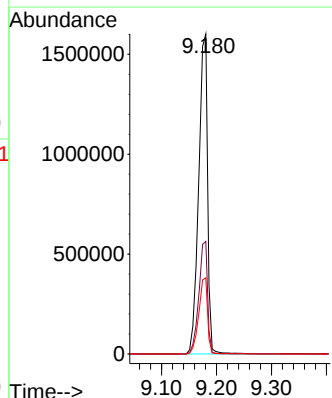
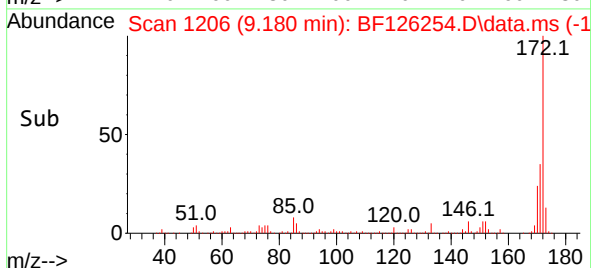
Tgt Ion:330 Resp: 441130
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.2 114.4
 141 32.9 44.6 66.8#

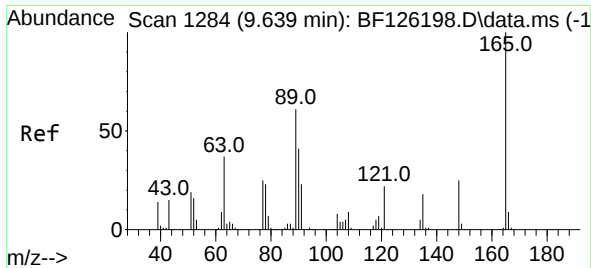


#45
 2-Fluorobiphenyl
 Concen: 72.671 ng
 RT: 9.180 min Scan# 1206
 Delta R.T. 0.000 min
 Lab File: BF126254.D
 Acq: 18 Dec 2021 15:08



Tgt Ion:172 Resp: 1815697
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.5 39.7
 170 23.8 18.8 28.2

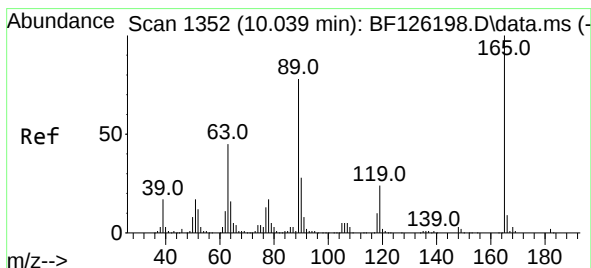
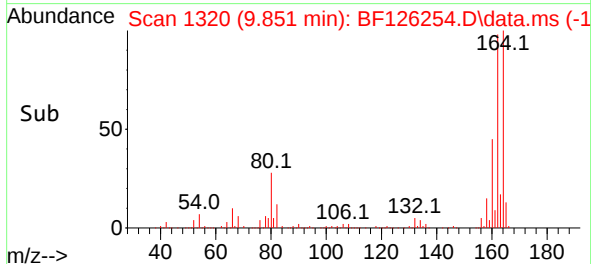
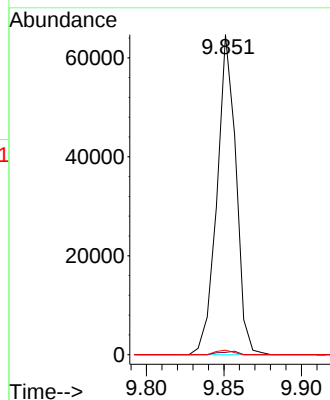
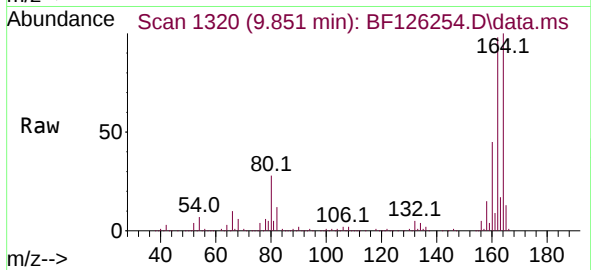




#51
2,6-Dinitrotoluene
Concen: 9.179 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126254.D
Acq: 18 Dec 2021 15:08

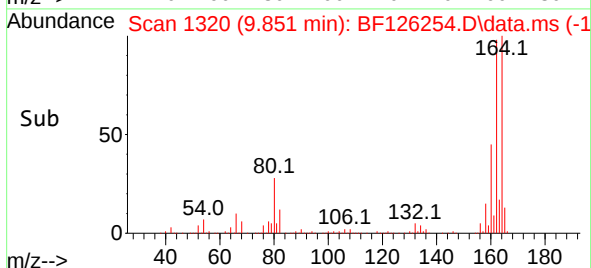
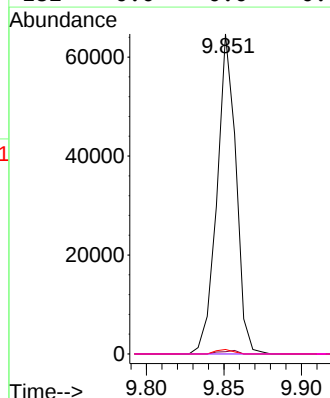
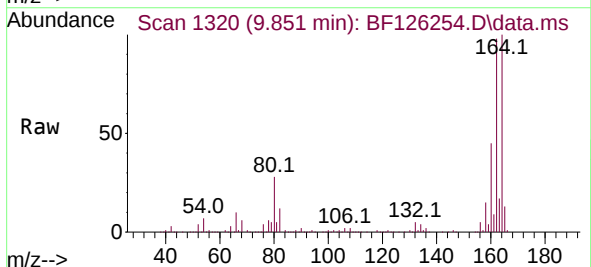
Instrument :
BNA_F
ClientSampleId :

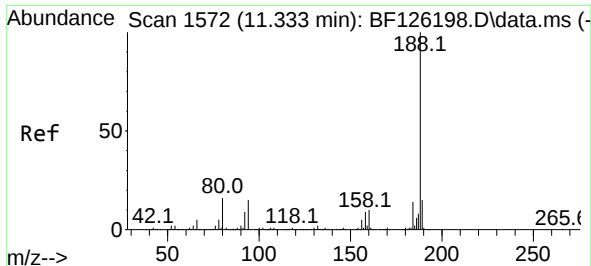
Tgt Ion:165 Resp: 55150
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 1.4 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.196 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF126254.D
Acq: 18 Dec 2021 15:08

Tgt Ion:165 Resp: 55150
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0

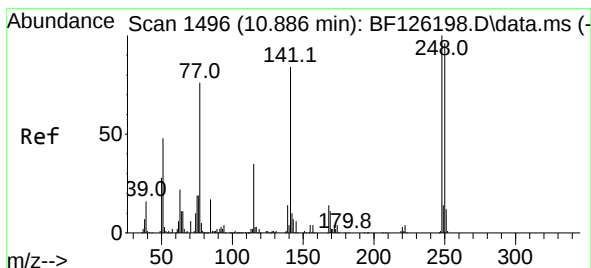
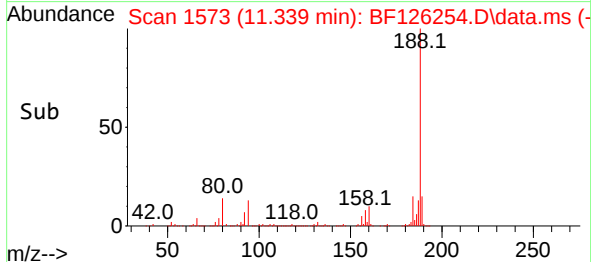
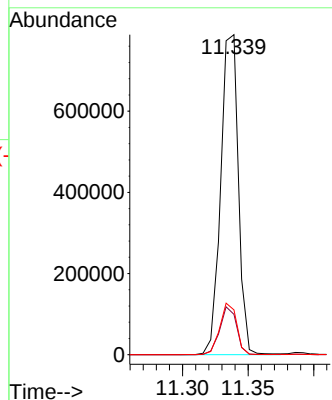
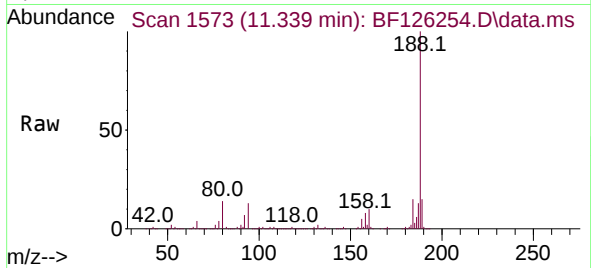




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126254.D
Acq: 18 Dec 2021 15:08

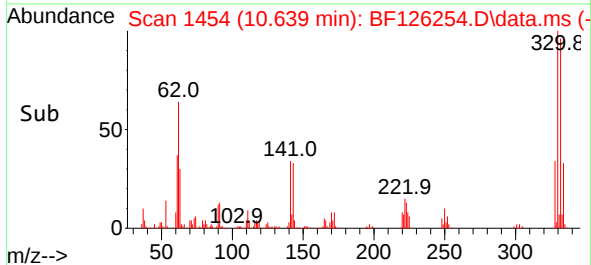
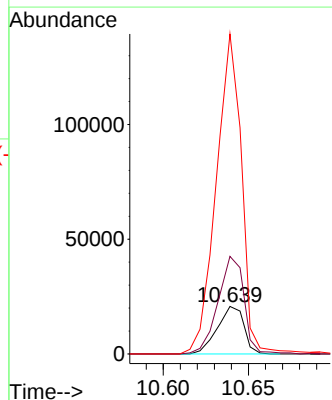
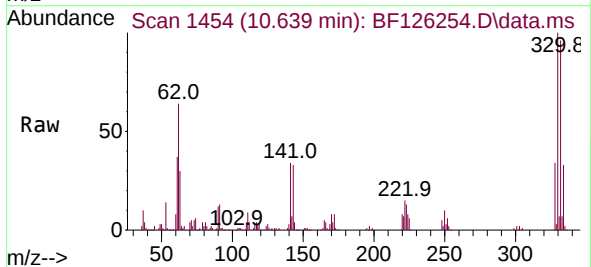
Instrument :
BNA_F
ClientSampleId :

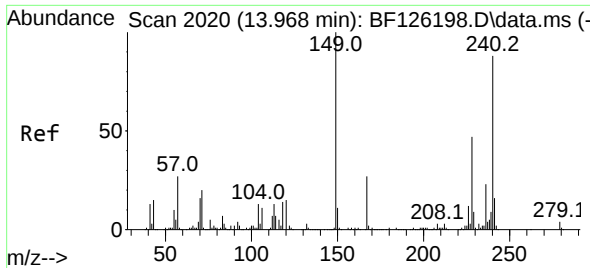
Tgt Ion:188 Resp: 737526
Ion Ratio Lower Upper
188 100
94 12.6 6.7 10.1#
80 14.0 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.246 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126254.D
Acq: 18 Dec 2021 15:08

Tgt Ion:248 Resp: 22467
Ion Ratio Lower Upper
248 100
250 205.7 74.2 111.4#
141 674.4 60.4 90.6#

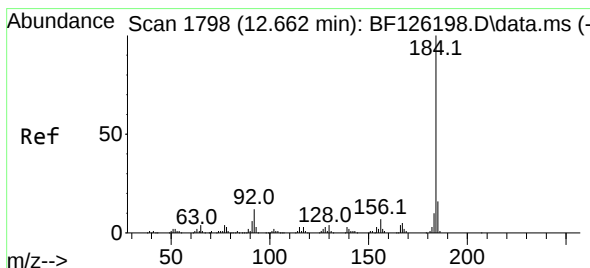
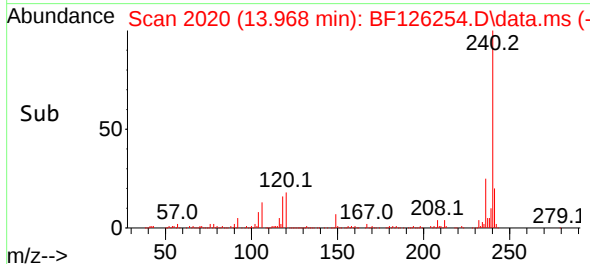
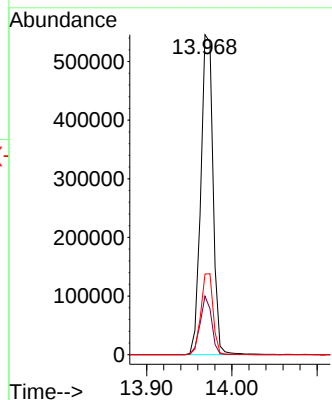
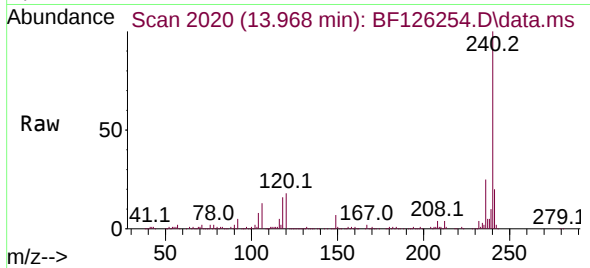




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF126254.D
Acq: 18 Dec 2021 15:08

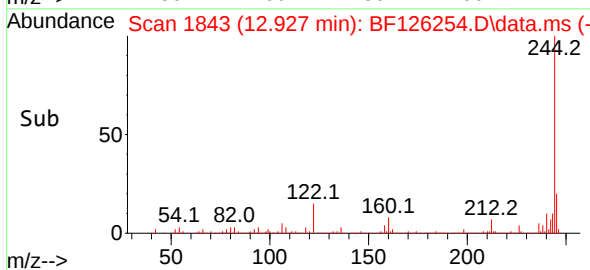
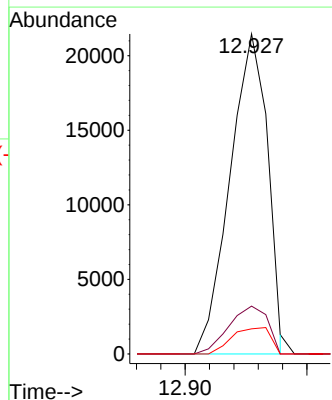
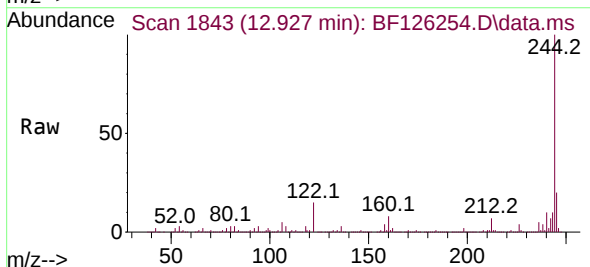
Instrument :
BNA_F
ClientSampleId :

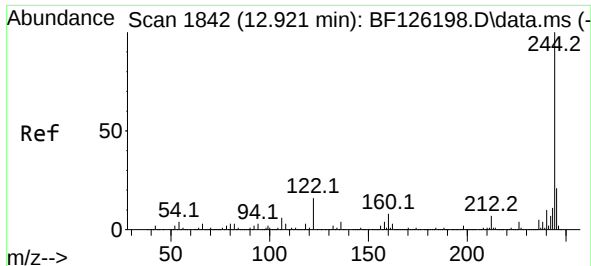
Tgt Ion:240 Resp: 544245
Ion Ratio Lower Upper
240 100
120 18.3 10.8 16.2#
236 25.2 21.6 32.4



#77
Benzidine
Concen: 2.680 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.265 min
Lab File: BF126254.D
Acq: 18 Dec 2021 15:08

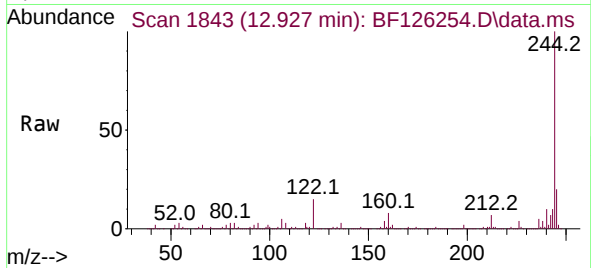
Tgt Ion:184 Resp: 22995
Ion Ratio Lower Upper
184 100
185 15.0 10.8 16.2
183 7.9 8.1 12.1#



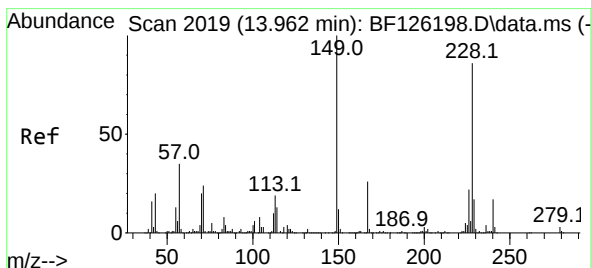
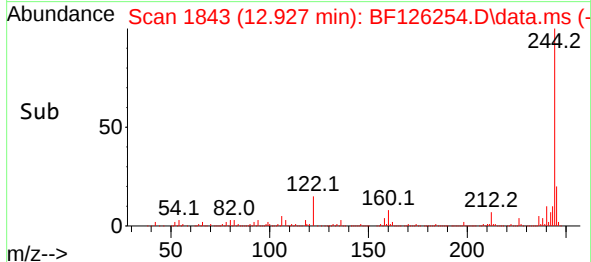
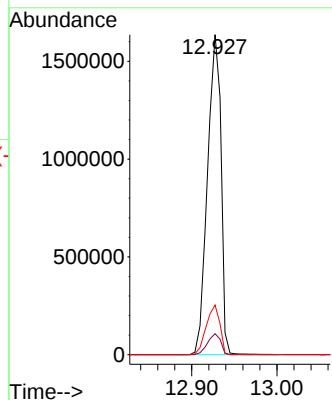


#79
 Terphenyl-d14
 Concen: 57.534 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF126254.D
 Acq: 18 Dec 2021 15:08

Instrument :
 BNA_F
 ClientSampleId :

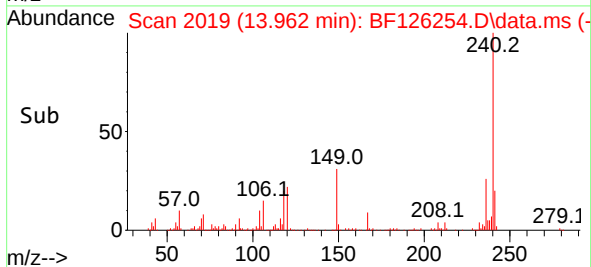
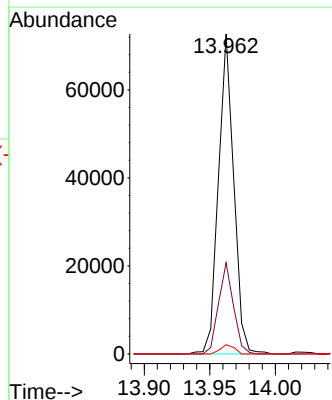
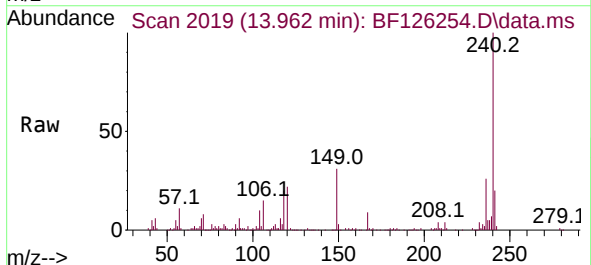


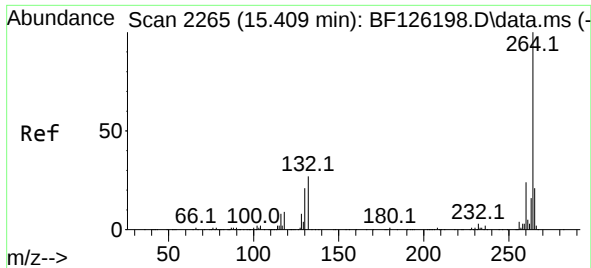
Tgt Ion:244 Resp: 1801514
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 15.5 9.0 13.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.241 ng
 RT: 13.962 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: BF126254.D
 Acq: 18 Dec 2021 15:08

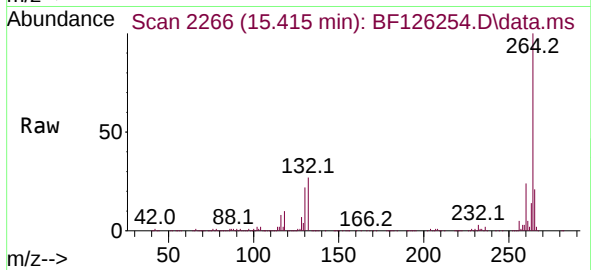
Tgt Ion:149 Resp: 58924
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.4 32.0
 279 2.9 2.6 4.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126254.D
Acq: 18 Dec 2021 15:08

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 449713
Ion Ratio Lower Upper
264 100
260 23.6 19.6 29.4
265 21.2 17.2 25.8

