

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
 Data File : BF126238.D
 Acq On : 17 Dec 2021 16:46
 Operator : JU/CG
 Sample : M5064-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 17 17:43:27 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)

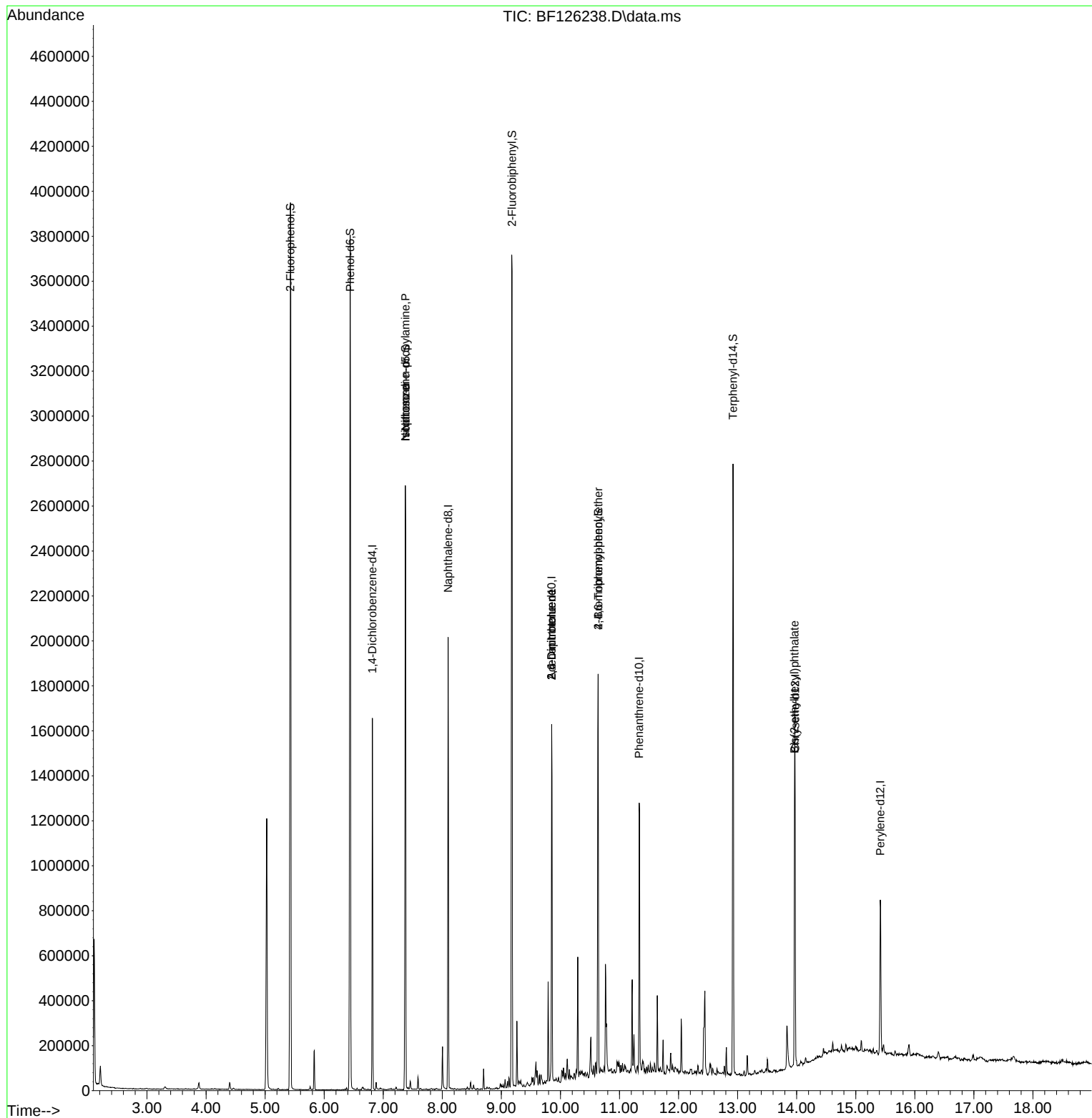
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	213667	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	813087	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	311037	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	431283	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	365403	20.000	ng	0.00
86) Perylene-d12	15.415	264	278938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1254869	86.489	ng	0.00
7) Phenol-d6	6.439	99	1535608	83.354	ng	0.00
23) Nitrobenzene-d5	7.375	82	950095	63.285	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	191542	76.628	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1183808	66.753	ng	0.00
79) Terphenyl-d14	12.921	244	896582	42.648	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	120529	10.657	ng	# 56
25) Isophorone	7.375	82	934872	32.976	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	39863	9.348	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	39863	7.328	ng	# 20
67) 4-Bromophenyl-phenylether	10.639	248	11023	2.723	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.963	149	182458	10.336	ng	99

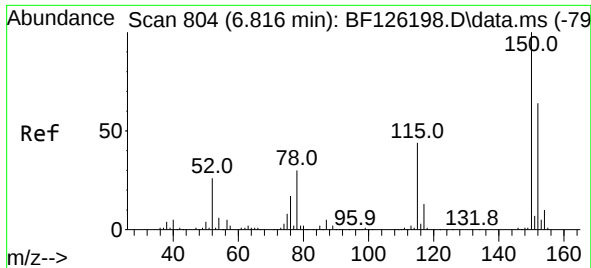
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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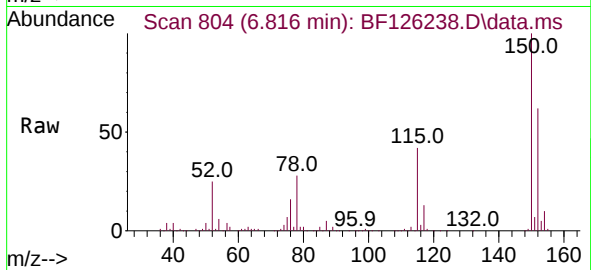
Quant Time: Dec 17 17:43:27 2021
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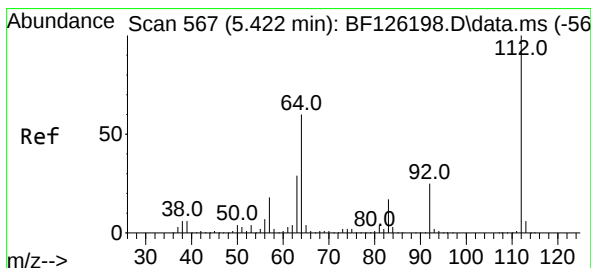
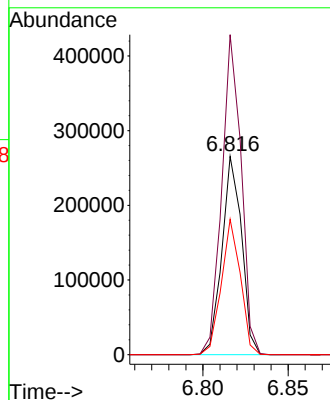
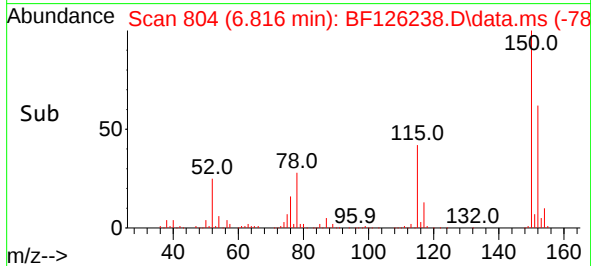


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126238.D
Acq: 17 Dec 2021 16:46

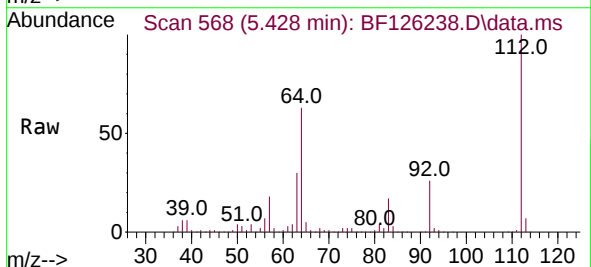
Instrument :
BNA_M
ClientSampleId :



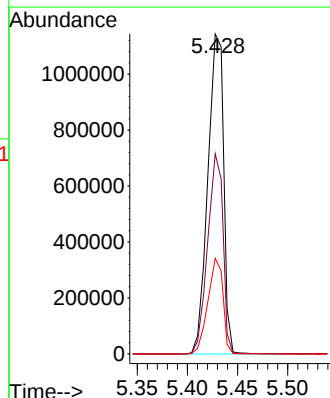
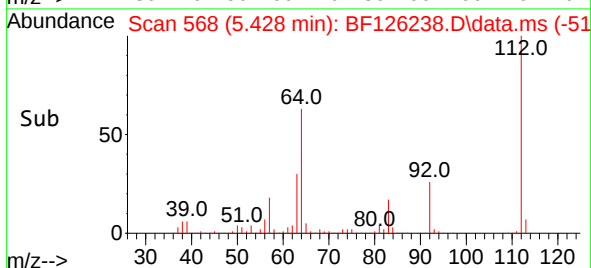
Tgt Ion:152 Resp: 213667
Ion Ratio Lower Upper
152 100
150 161.4 117.6 176.4
115 68.3 47.1 70.7

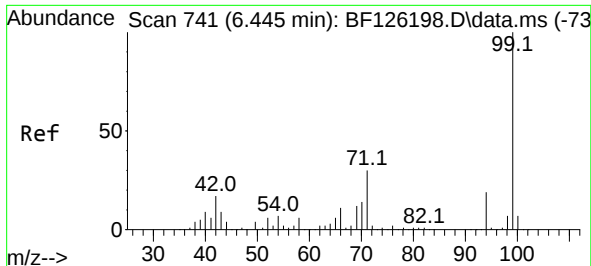


#5
2-Fluorophenol
Concen: 86.489 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF126238.D
Acq: 17 Dec 2021 16:46



Tgt Ion:112 Resp: 1254869
Ion Ratio Lower Upper
112 100
64 62.6 44.2 66.2
63 29.9 26.2 39.2

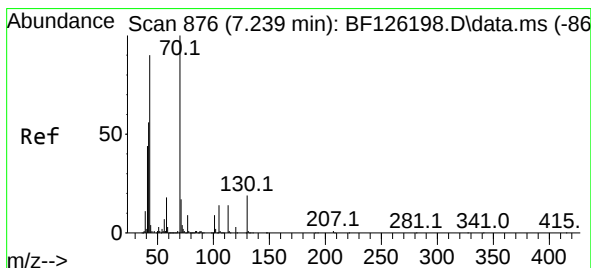
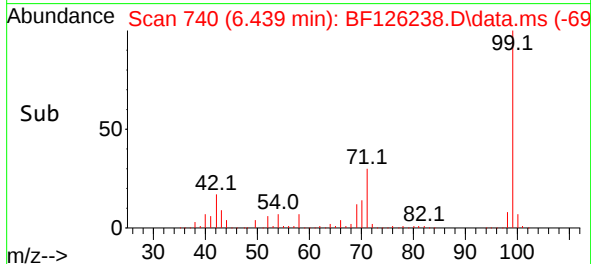
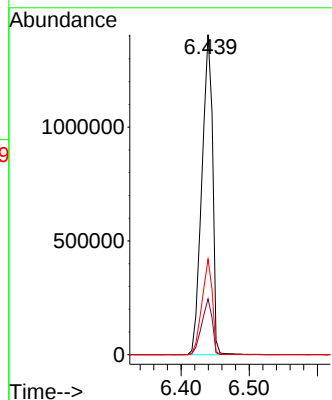
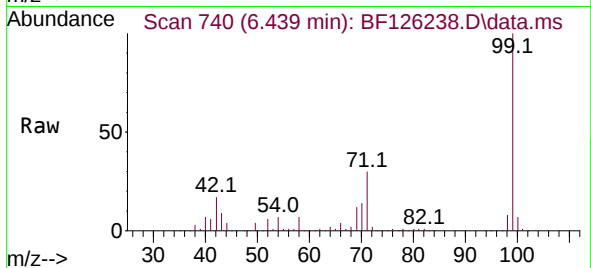




#7
Phenol-d6
Concen: 83.354 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126238.D
Acq: 17 Dec 2021 16:46

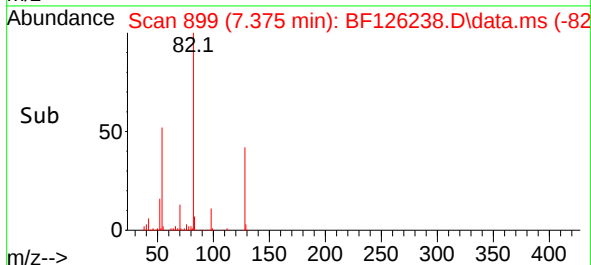
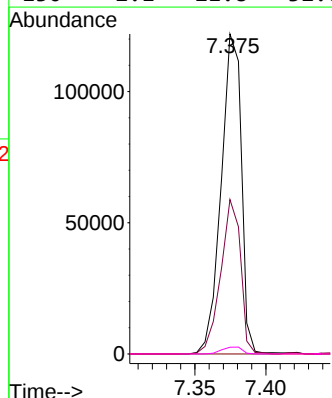
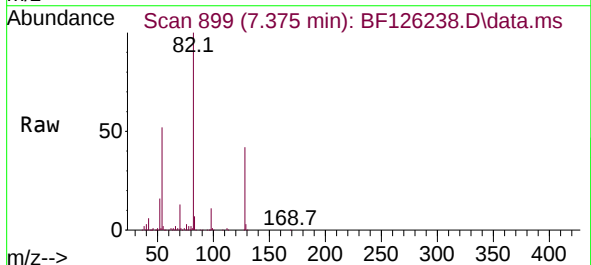
Instrument :
BNA_M
ClientSampleId :

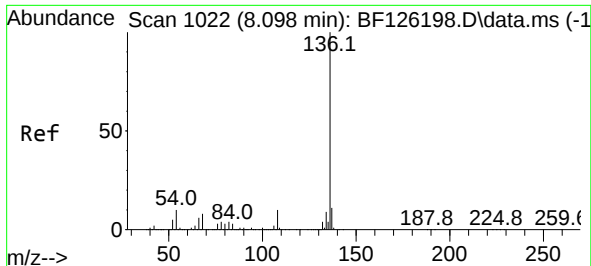
Tgt Ion: 99 Resp: 1535608
Ion Ratio Lower Upper
99 100
42 17.4 23.5 35.3#
71 29.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.657 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF126238.D
Acq: 17 Dec 2021 16:46

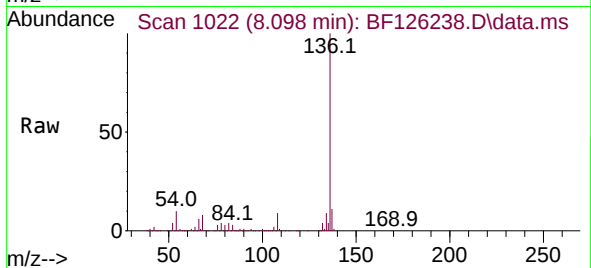
Tgt Ion: 70 Resp: 120529
Ion Ratio Lower Upper
70 100
42 48.3 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#



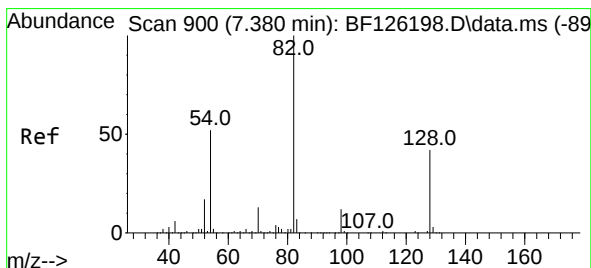
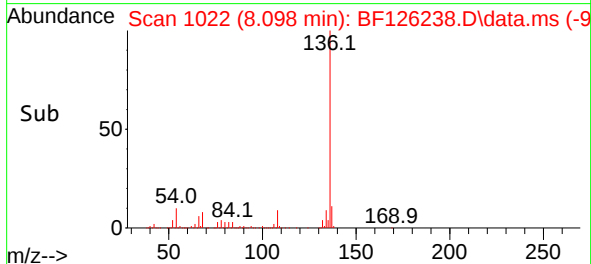
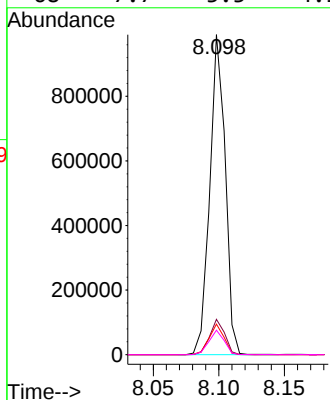


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126238.D
Acq: 17 Dec 2021 16:46

Instrument :
BNA_M
ClientSampleId :

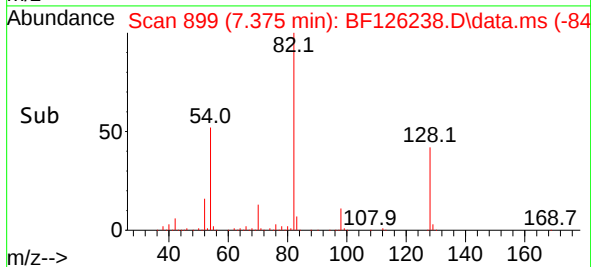
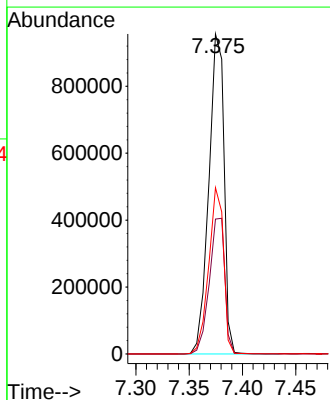
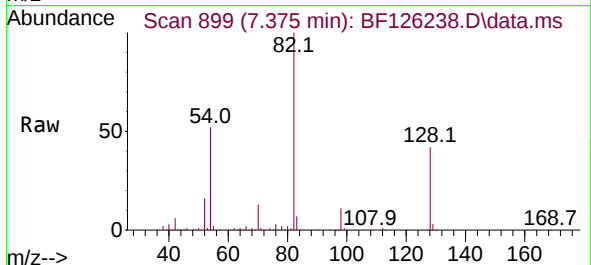


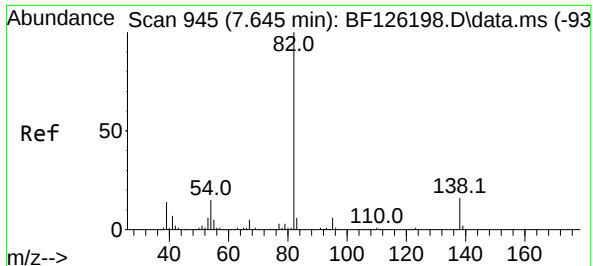
Tgt Ion:	136	Resp:	813087
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	9.5	6.4	9.6
68	7.7	3.3	4.9



#23
Nitrobenzene-d5
Concen: 63.285 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126238.D
Acq: 17 Dec 2021 16:46

Tgt Ion:	82	Resp:	950095
Ion	Ratio	Lower	Upper
82	100		
128	42.1	40.6	60.8
54	52.0	49.6	74.4

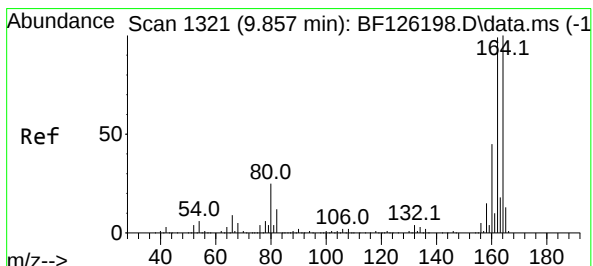
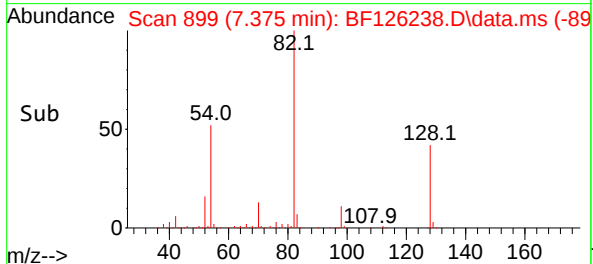
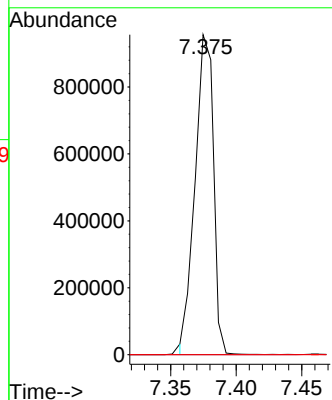
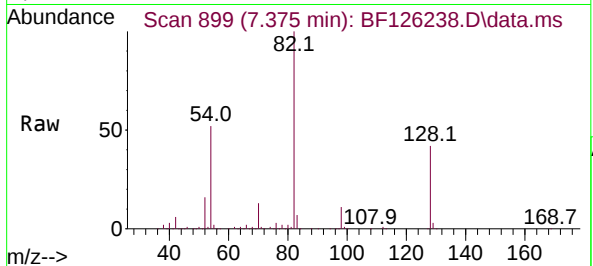




#25
Isophorone
Concen: 32.976 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.270 min
Lab File: BF126238.D
Acq: 17 Dec 2021 16:46

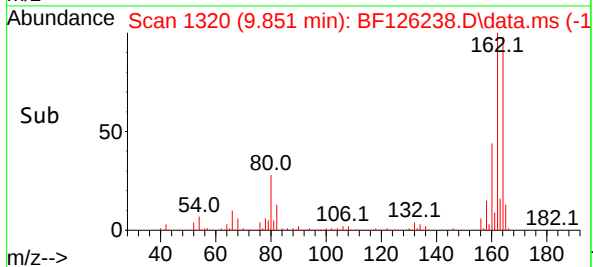
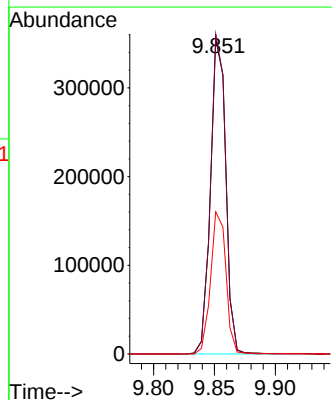
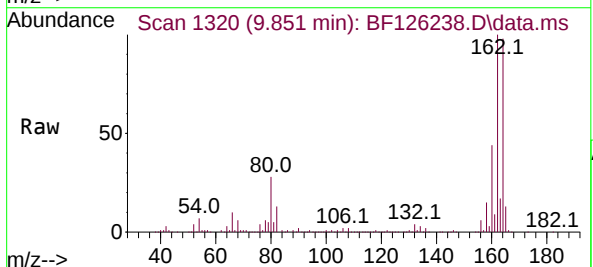
Instrument :
BNA_M
ClientSampleId :

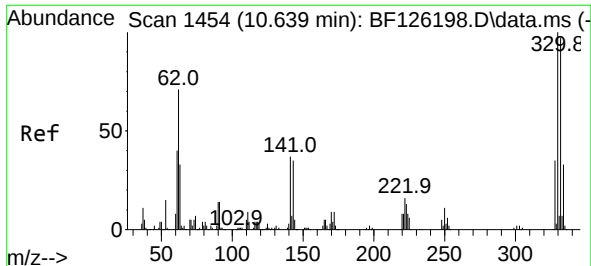
Tgt Ion: 82 Resp: 934872
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126238.D
Acq: 17 Dec 2021 16:46

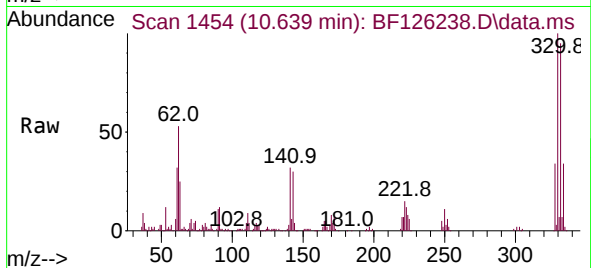
Tgt Ion: 164 Resp: 311037
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 45.1 38.0 57.0



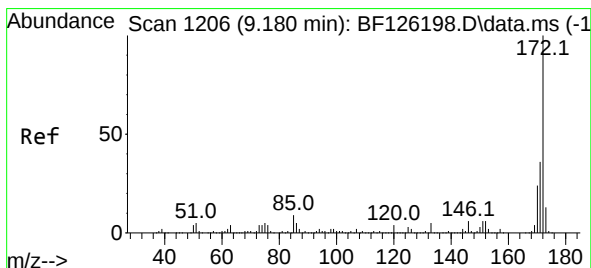
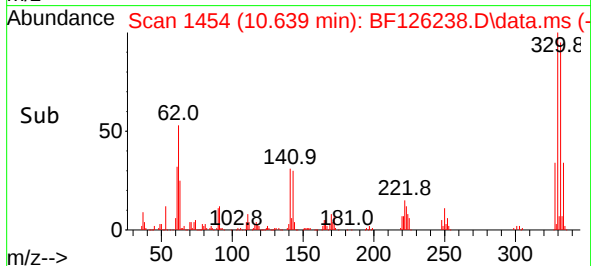
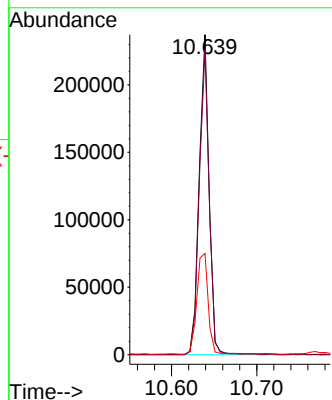


#42
2,4,6-Tribromophenol
Concen: 76.628 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126238.D
Acq: 17 Dec 2021 16:46

Instrument :
BNA_M
ClientSampleId :

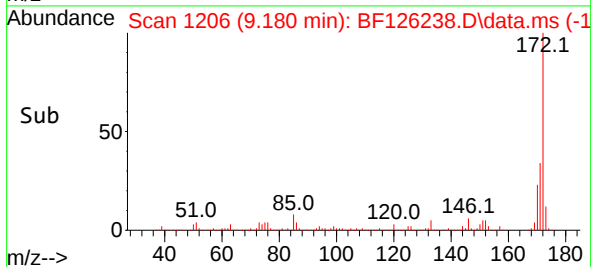
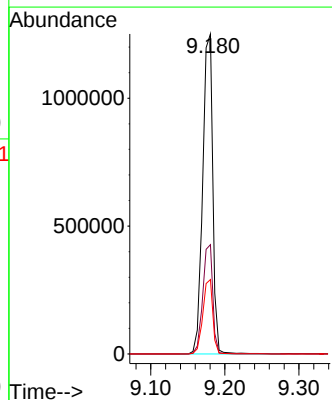
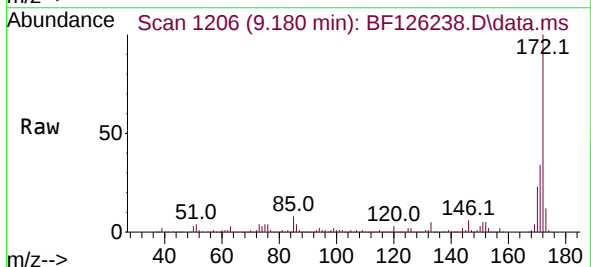


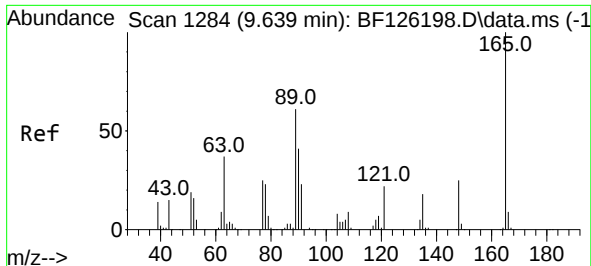
Tgt Ion: 330 Resp: 191542
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 36.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 66.753 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF126238.D
Acq: 17 Dec 2021 16:46

Tgt Ion: 172 Resp: 1183808
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 23.3 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.348 ng

RT: 9.851 min Scan# 11

Delta R.T. 0.212 min

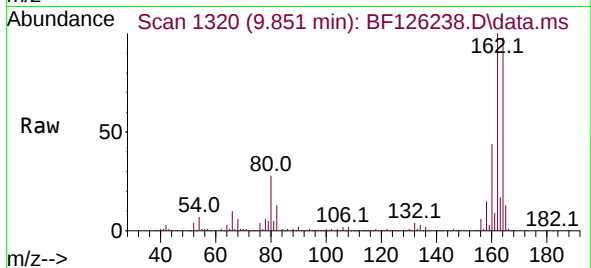
Lab File: BF126238.D

Acq: 17 Dec 2021 16:46

Instrument :

BNA_M

ClientSampleId :



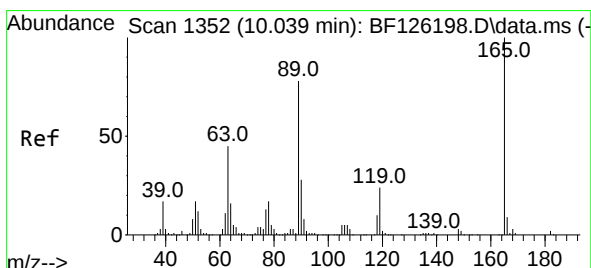
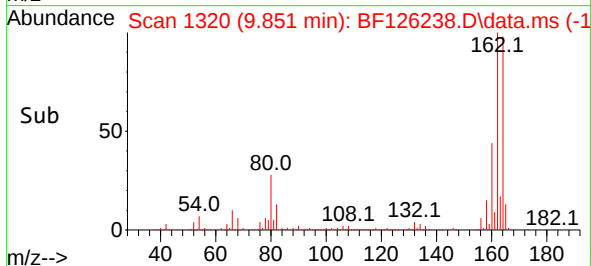
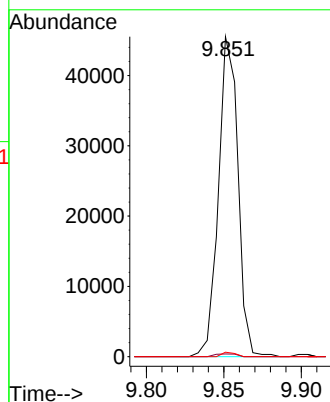
Tgt Ion:165 Resp: 39863

Ion Ratio Lower Upper

165 100

63 0.8 42.6 63.8#

89 1.4 40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 7.328 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.188 min

Lab File: BF126238.D

Acq: 17 Dec 2021 16:46

Tgt Ion:165 Resp: 39863

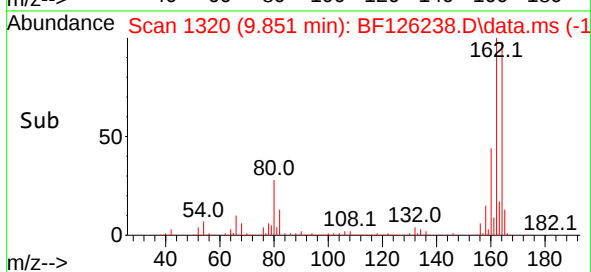
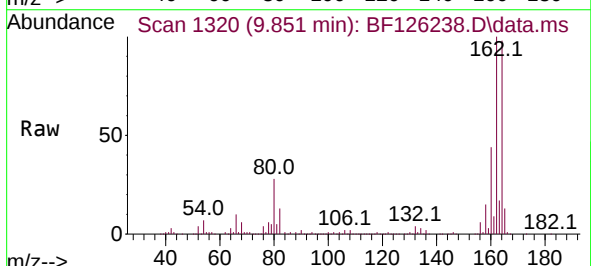
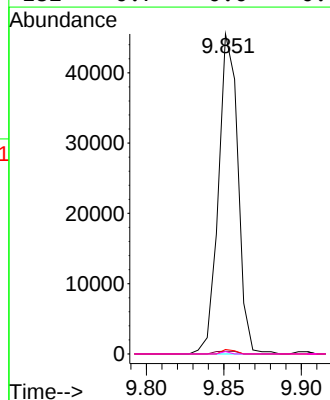
Ion Ratio Lower Upper

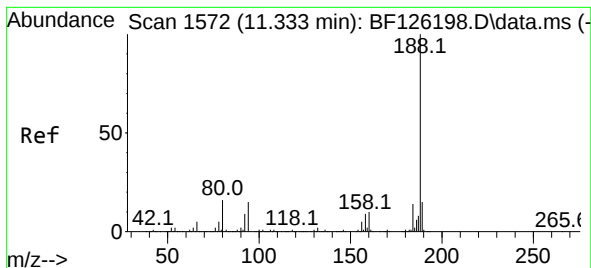
165 100

63 0.8 40.9 61.3#

89 1.4 59.7 89.5#

182 0.7 0.0 0.0#

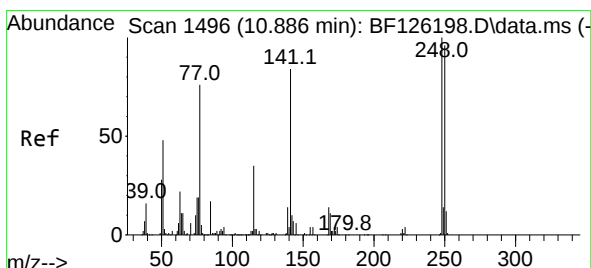
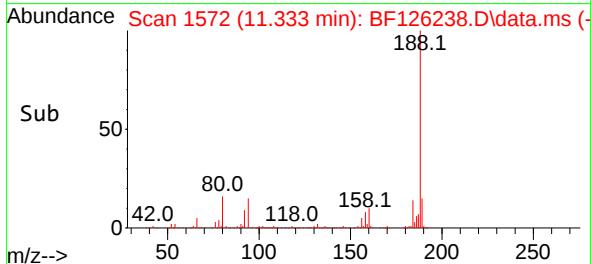
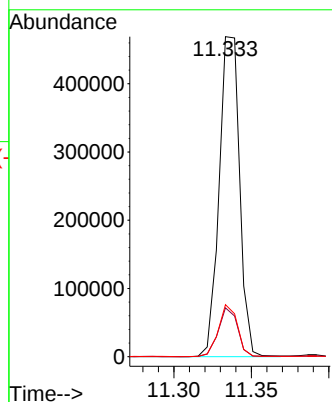
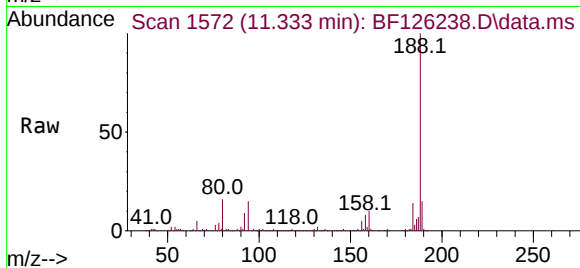




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126238.D
Acq: 17 Dec 2021 16:46

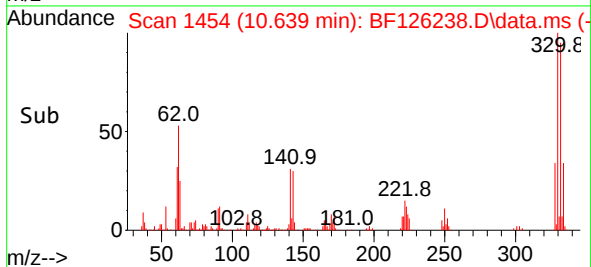
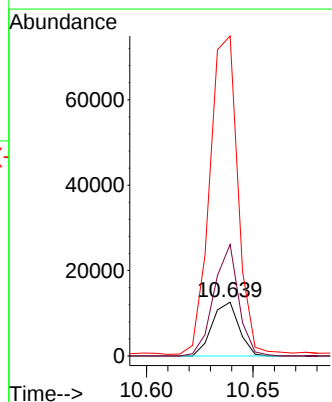
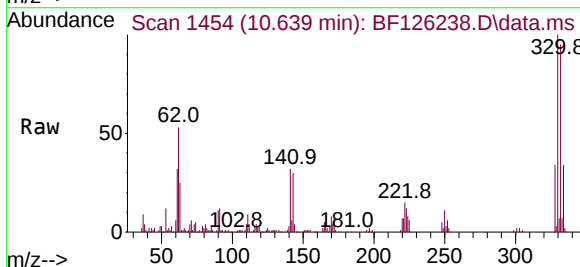
Instrument :
BNA_M
ClientSampleId :

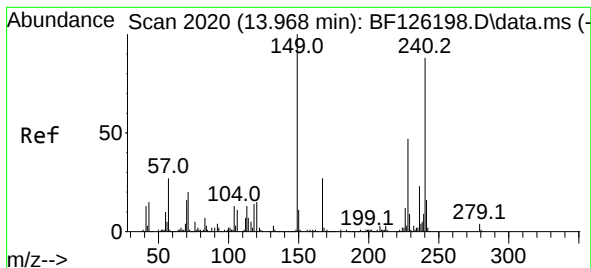
Tgt Ion:188 Resp: 431283
Ion Ratio Lower Upper
188 100
94 15.3 6.7 10.1#
80 16.3 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 2.723 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126238.D
Acq: 17 Dec 2021 16:46

Tgt Ion:248 Resp: 11023
Ion Ratio Lower Upper
248 100
250 207.4 74.2 111.4#
141 595.3 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: BF126238.D

Acq: 17 Dec 2021 16:46

Instrument :

BNA_M

ClientSampleId :

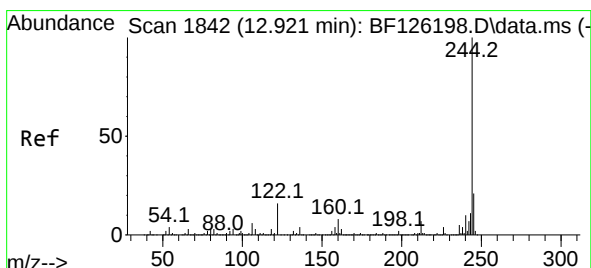
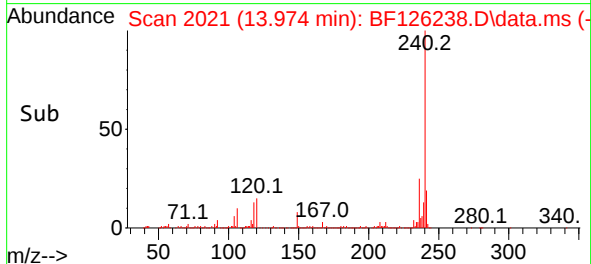
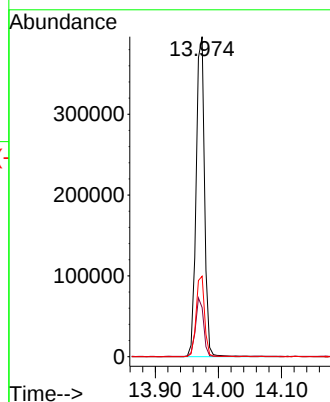
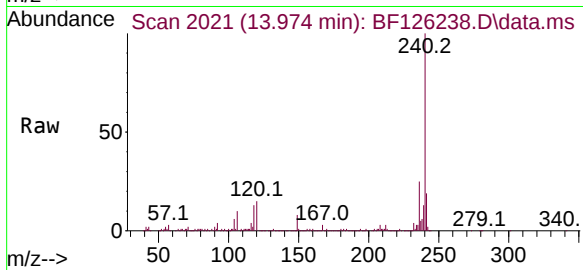
Tgt Ion:240 Resp: 365403

Ion Ratio Lower Upper

240 100

120 15.4 10.8 16.2

236 25.1 21.6 32.4



#79

Terphenyl-d14

Concen: 42.648 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF126238.D

Acq: 17 Dec 2021 16:46

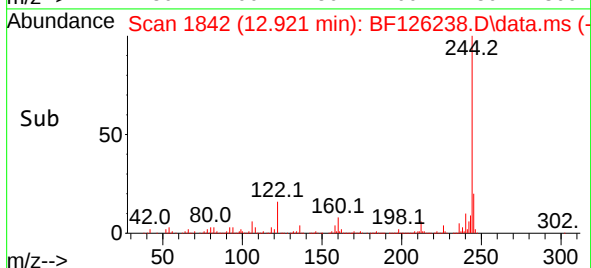
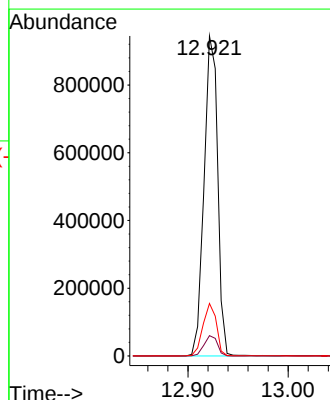
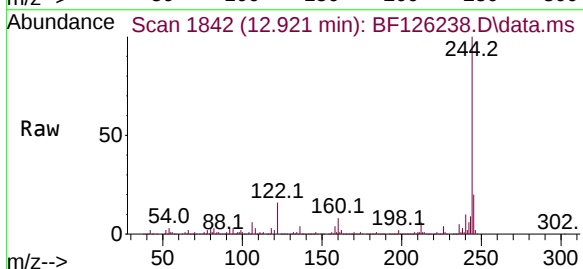
Tgt Ion:244 Resp: 896582

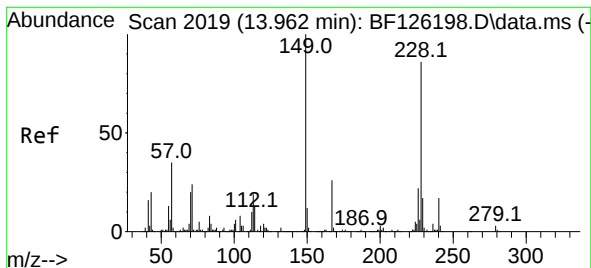
Ion Ratio Lower Upper

244 100

212 6.3 5.9 8.9

122 16.4 9.0 13.4#

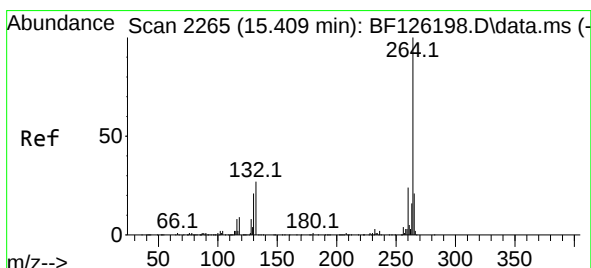
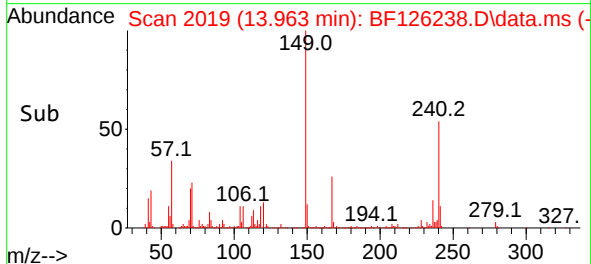
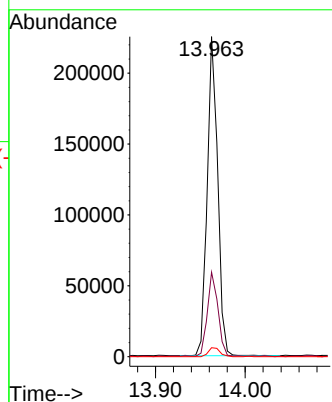
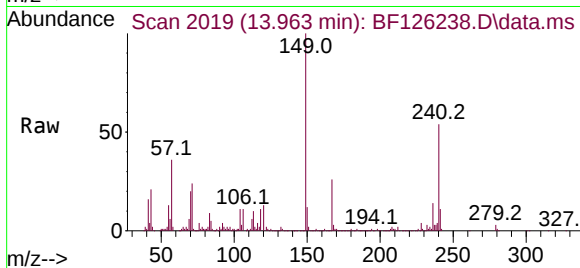




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.336 ng
 RT: 13.963 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BF126238.D
 Acq: 17 Dec 2021 16:46

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:149 Resp: 182458
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.4 32.0
 279 2.8 2.6 4.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.006 min
 Lab File: BF126238.D
 Acq: 17 Dec 2021 16:46

Tgt Ion:264 Resp: 278938
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 22.0 17.2 25.8

