

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
 Data File : BF125007.D
 Acq On : 9 Aug 2021 18:16
 Operator : JU/CG
 Sample : M3299-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210562-COM-35

Quant Time: Aug 10 04:45:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 09 11:03:44 2021
 Response via : Initial Calibration

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

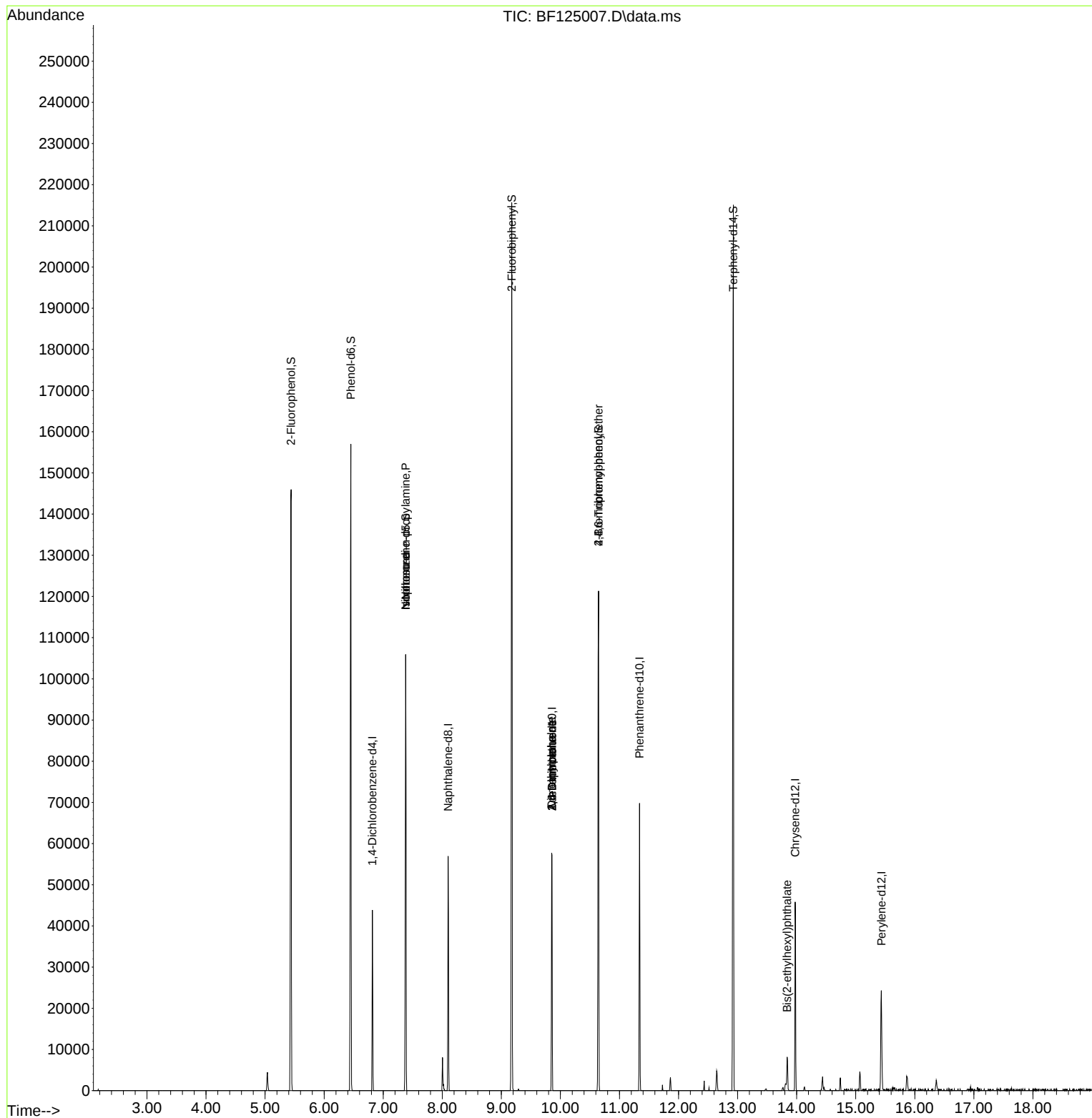
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	5980	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	24291	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	13322	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	24288	20.00	ng	0.00
76) Chrysene-d12	13.974	240	17194	20.00	ng	#-0.01
86) Perylene-d12	15.433	264	11536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	41290	113.11	ng	0.00
7) Phenol-d6	6.451	99	48351	105.04	ng	0.00
23) Nitrobenzene-d5	7.381	82	31815	68.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	12327	103.57	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	64887	71.27	ng	0.00
79) Terphenyl-d14	12.927	244	73379	71.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	4139	15.15	ng	# 71
25) Isophorone	7.381	82	31814	40.14	ng	# 59
50) Dimethylphthalate	9.851	163	2351	2.60	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	1803	8.97	ng	# 26
57) 2,4-Dinitrotoluene	9.857	165	1803	6.61	ng	# 18
67) 4-Bromophenyl-phenylether	10.645	248	915	3.44	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.839	149	2216	2.65	ng	# 53

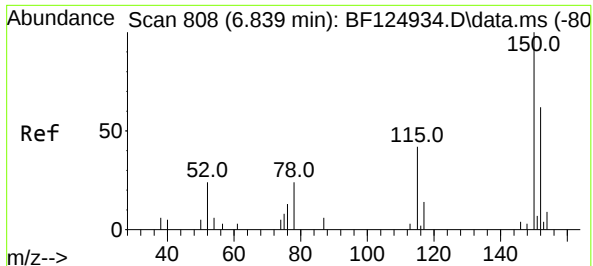
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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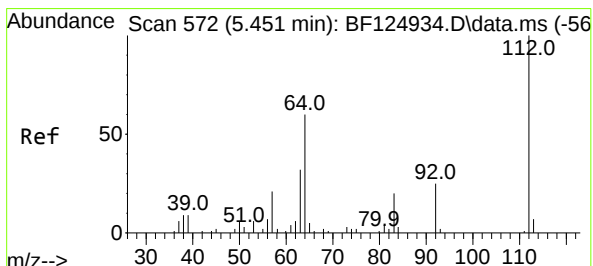
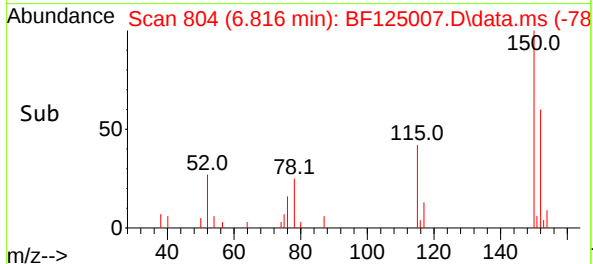
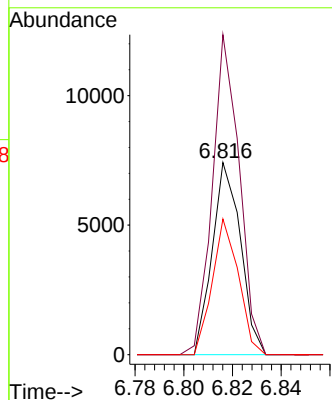
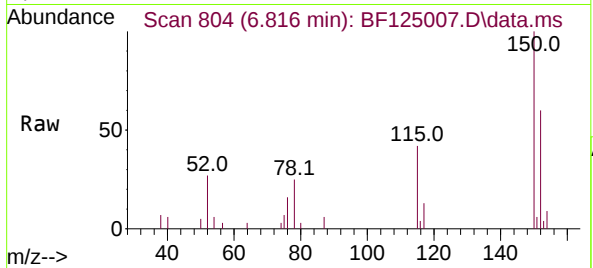




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF125007.D
Acq: 9 Aug 2021 18:16

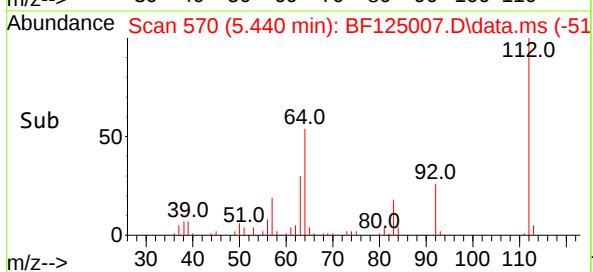
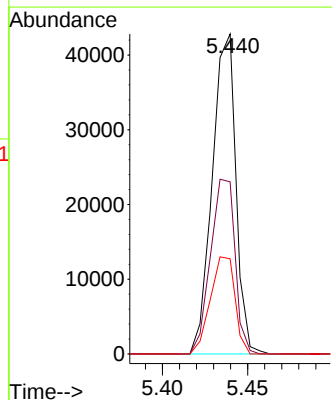
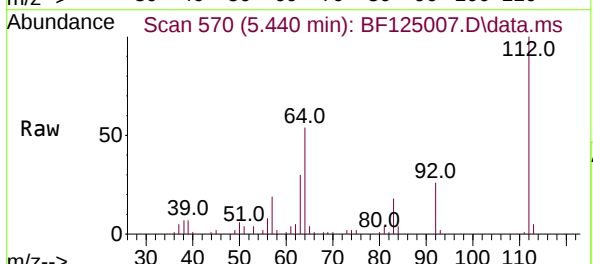
Instrument :
BNA_F
ClientSampleId :
20210562-COM-35

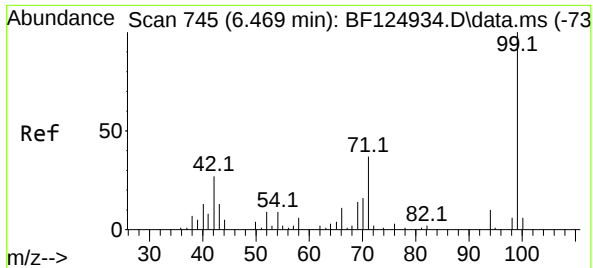
Tgt Ion:152 Resp: 5980
Ion Ratio Lower Upper
152 100
150 166.5 117.6 176.4
115 70.6 47.1 70.7



#5
2-Fluorophenol
Concen: 113.11 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF125007.D
Acq: 9 Aug 2021 18:16

Tgt Ion:112 Resp: 41290
Ion Ratio Lower Upper
112 100
64 53.8 44.2 66.2
63 29.8 26.2 39.2



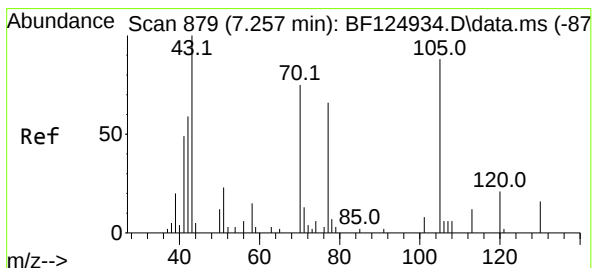
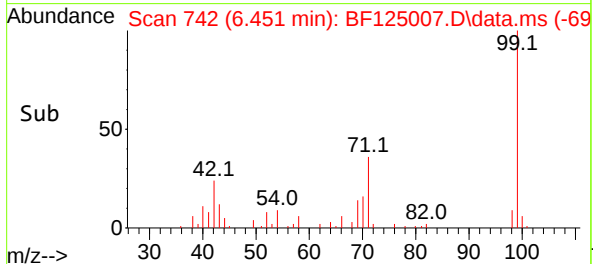
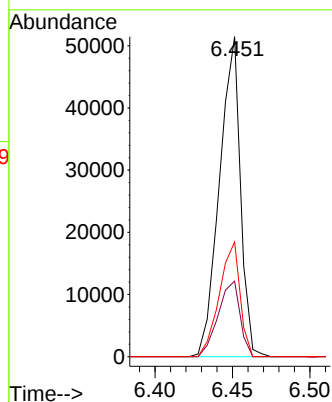
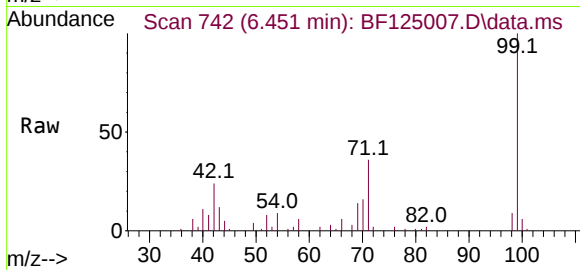


#7
Phenol-d6
Concen: 105.04 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125007.D
Acq: 9 Aug 2021 18:16

Instrument :
BNA_F
ClientSampleId :
20210562-COM-35

Tgt Ion: 99 Resp: 48351

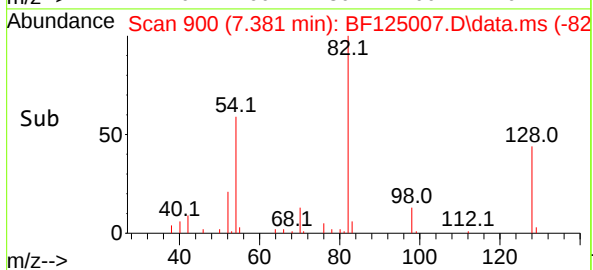
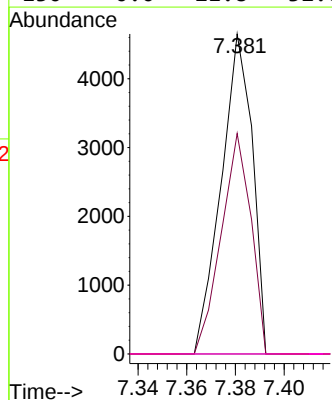
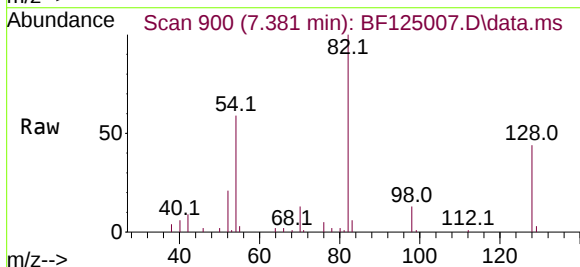
Ion	Ratio	Lower	Upper
99	100		
42	23.6	23.5	35.3
71	35.9	25.6	38.4

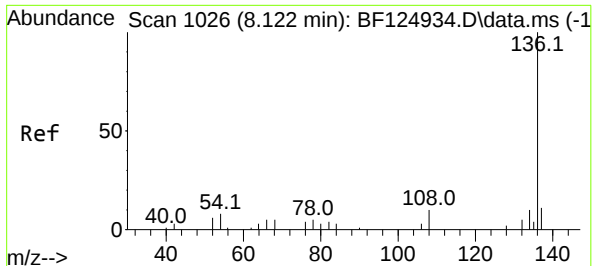


#19
n-Nitroso-di-n-propylamine
Concen: 15.15 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF125007.D
Acq: 9 Aug 2021 18:16

Tgt Ion: 70 Resp: 4139

Ion	Ratio	Lower	Upper
70	100		
42	68.9	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

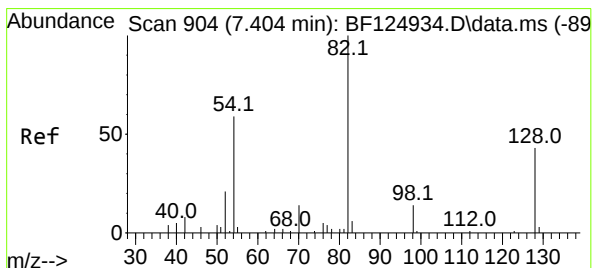
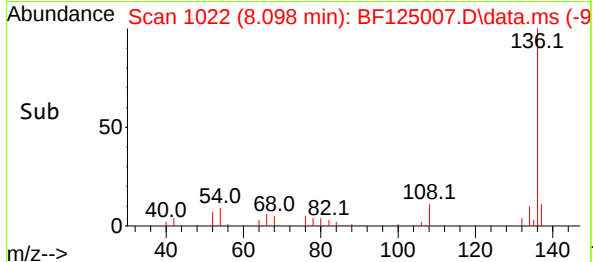
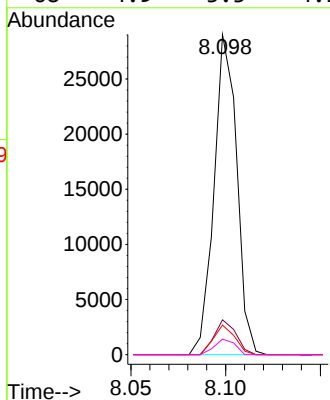
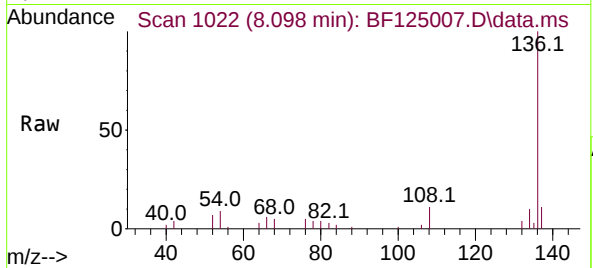




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF125007.D
Acq: 9 Aug 2021 18:16

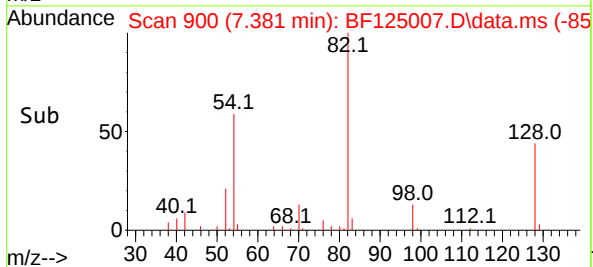
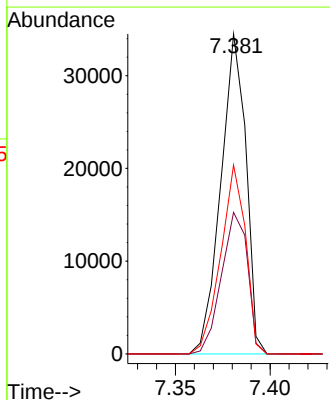
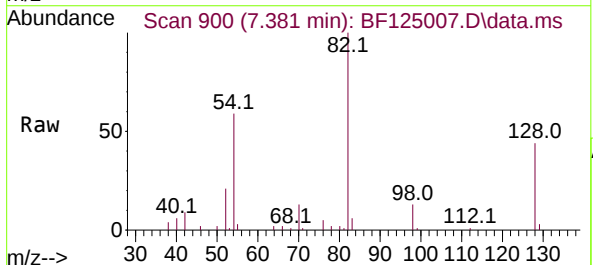
Instrument :
BNA_F
ClientSampleId :
20210562-COM-35

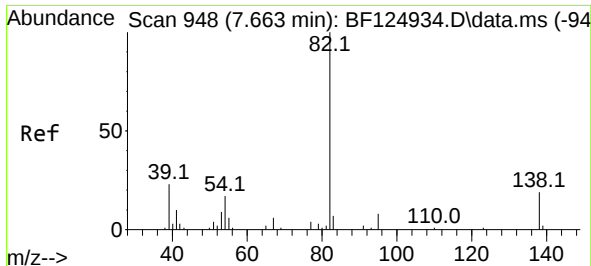
Tgt Ion:136	Resp:	24291
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.8 14.6
54	9.3	6.4 9.6
68	4.9	3.3 4.9



#23
Nitrobenzene-d5
Concen: 68.52 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125007.D
Acq: 9 Aug 2021 18:16

Tgt Ion: 82	Resp:	31815
Ion Ratio	Lower	Upper
82	100	
128	44.3	40.6 60.8
54	59.1	49.6 74.4

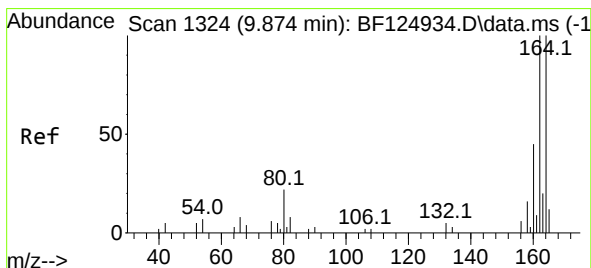
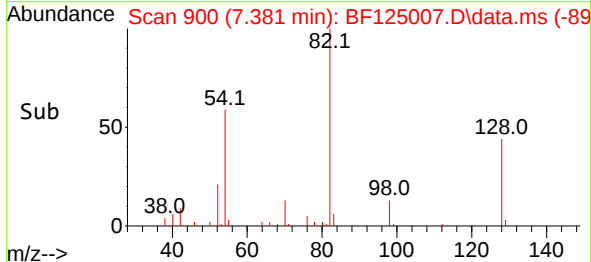
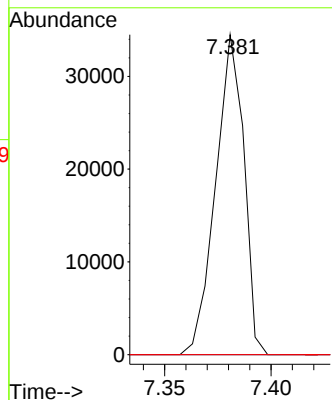
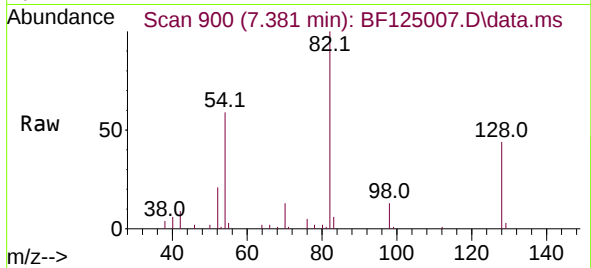




#25
Isophorone
Concen: 40.14 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.264 min
Lab File: BF125007.D
Acq: 9 Aug 2021 18:16

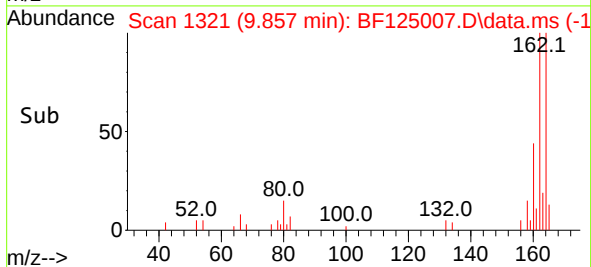
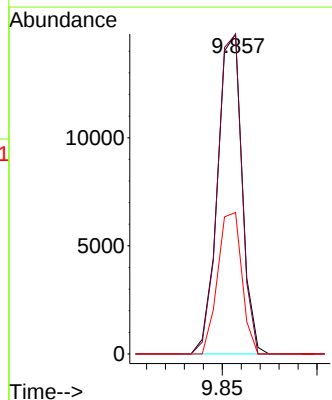
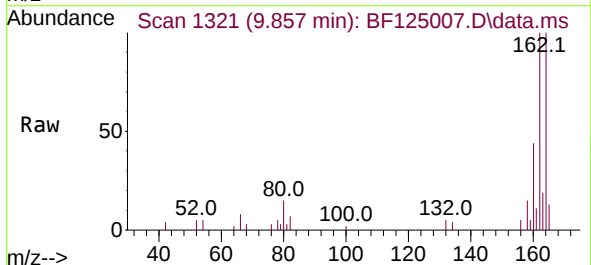
Instrument :
BNA_F
ClientSampleId :
20210562-COM-35

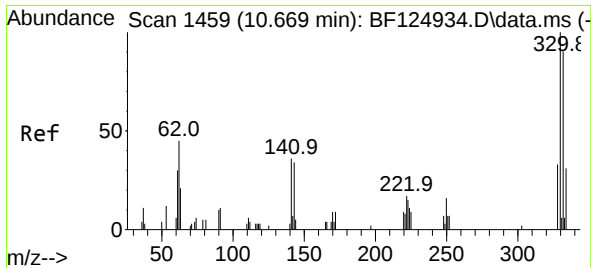
Tgt Ion: 82 Resp: 31814
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125007.D
Acq: 9 Aug 2021 18:16

Tgt Ion: 164 Resp: 13322
Ion Ratio Lower Upper
164 100
162 99.9 81.3 121.9
160 44.2 38.0 57.0

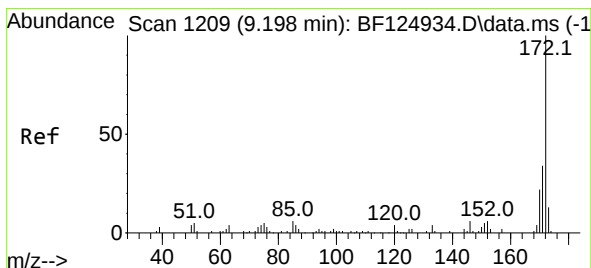
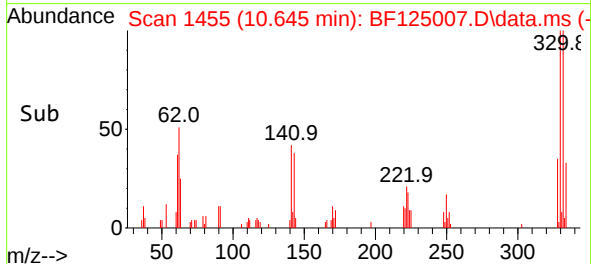
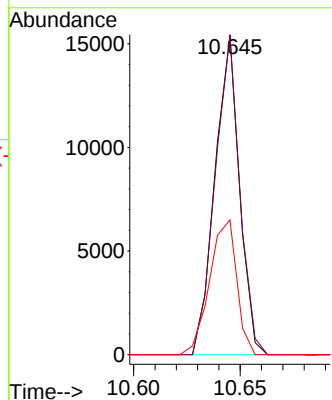
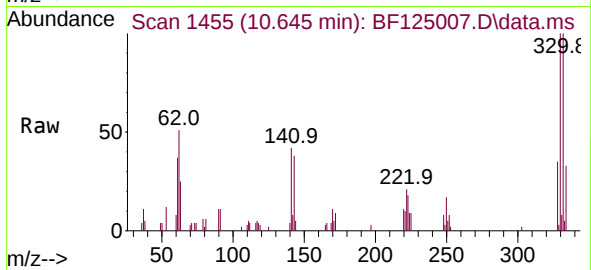




#42
2,4,6-Tribromophenol
Concen: 103.57 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF125007.D
Acq: 9 Aug 2021 18:16

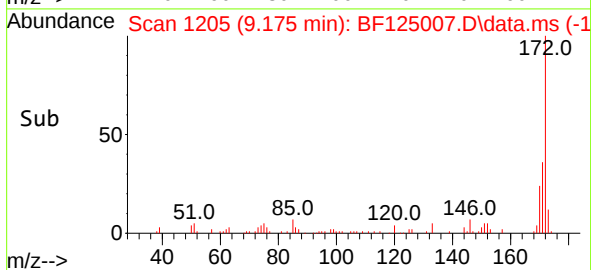
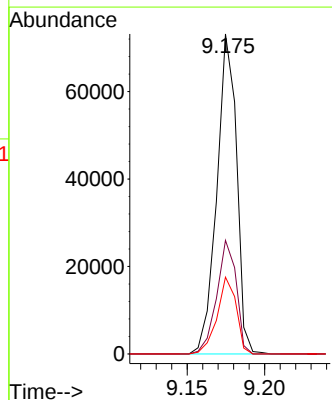
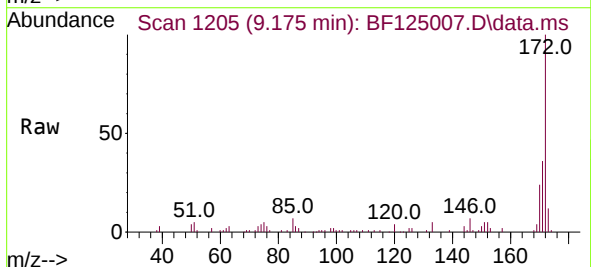
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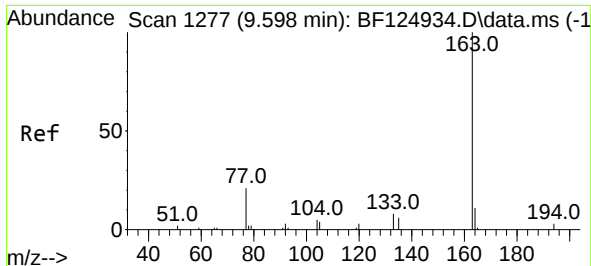
Tgt Ion: 330 Resp: 12327
Ion Ratio Lower Upper
330 100
332 100.2 76.2 114.4
141 46.6 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 71.27 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125007.D
Acq: 9 Aug 2021 18:16

Tgt Ion: 172 Resp: 64887
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 24.0 18.8 28.2

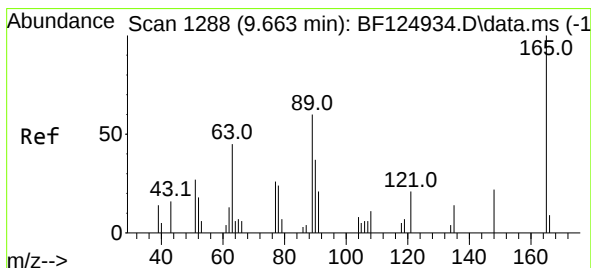
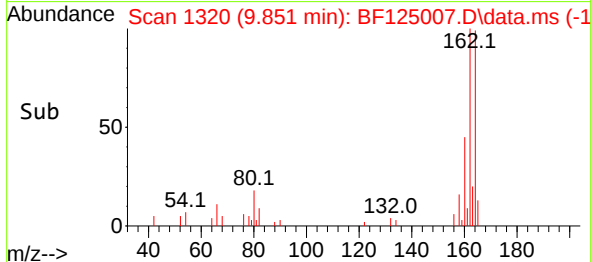
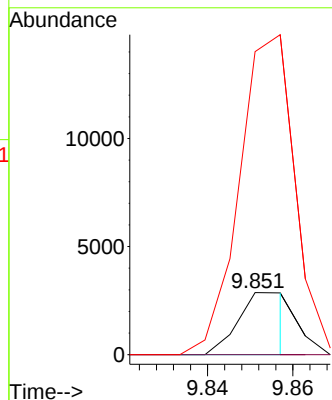
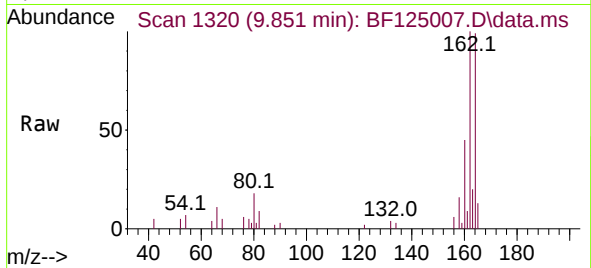




#50
Dimethylphthalate
Concen: 2.60 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.265 min
Lab File: BF125007.D
Acq: 9 Aug 2021 18:16

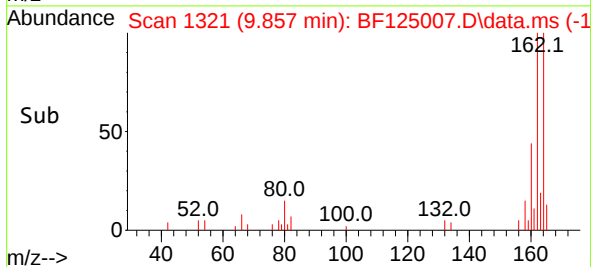
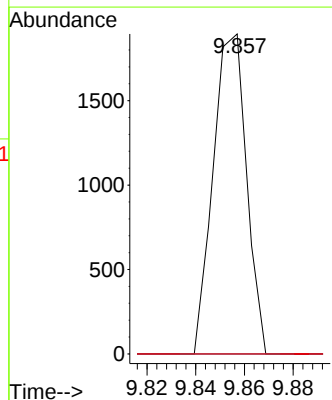
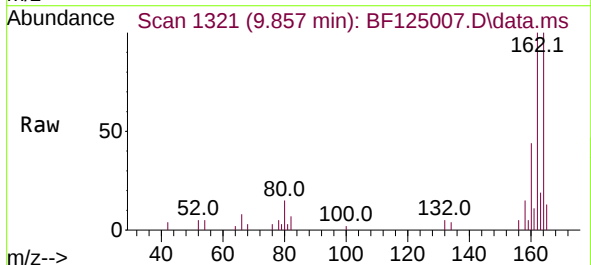
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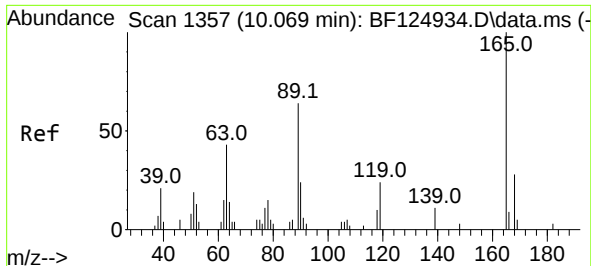
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Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 487.9 7.4 11.0#



#51
2,6-Dinitrotoluene
Concen: 8.97 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF125007.D
Acq: 9 Aug 2021 18:16

Tgt Ion:165 Resp: 1803
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#

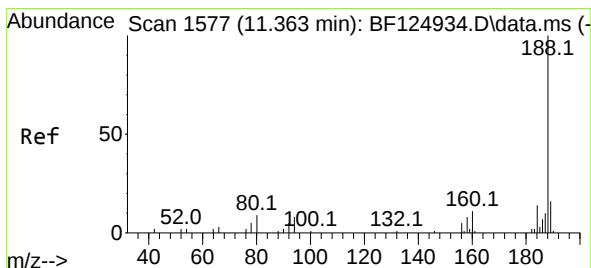
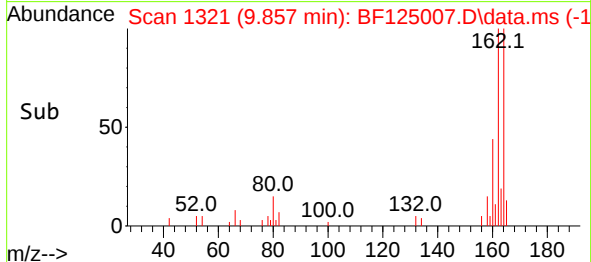
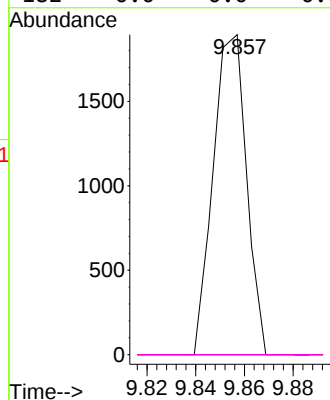
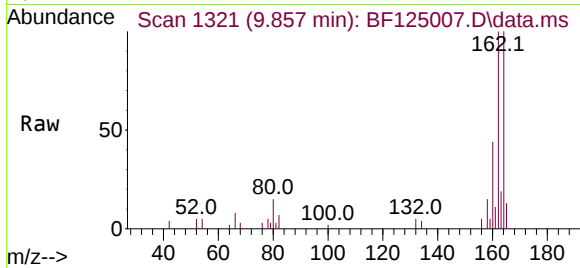




#57
2,4-Dinitrotoluene
Concen: 6.61 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF125007.D
Acq: 9 Aug 2021 18:16

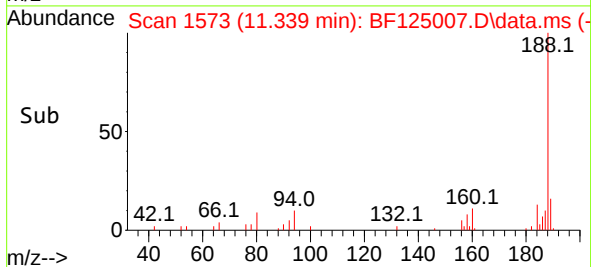
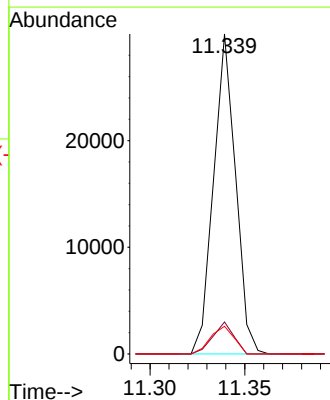
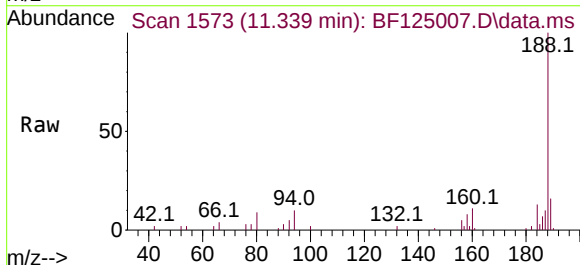
Instrument :
BNA_F
ClientSampleId :
20210562-COM-35

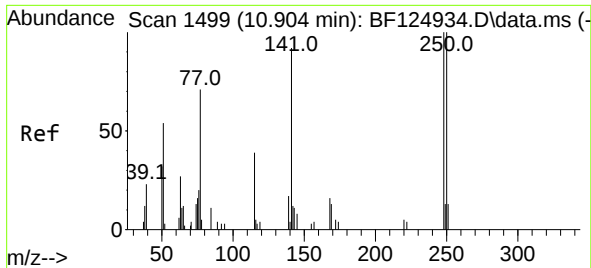
Tgt Ion:165	Resp:	1803
Ion Ratio	Lower	Upper
165	100	
63	0.0	40.9 61.3#
89	0.0	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF125007.D
Acq: 9 Aug 2021 18:16

Tgt Ion:188	Resp:	24288
Ion Ratio	Lower	Upper
188	100	
94	10.0	6.7 10.1
80	8.6	7.5 11.3

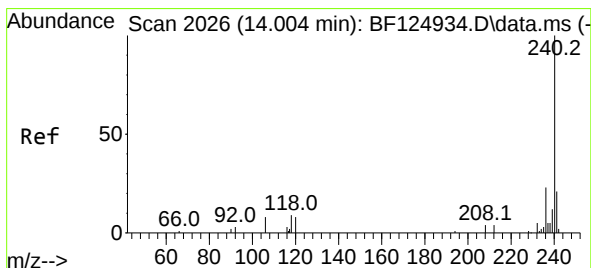
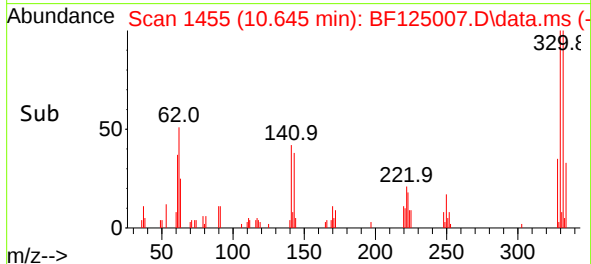
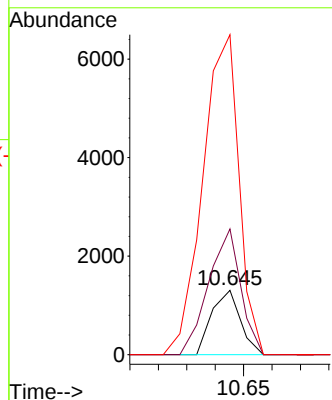
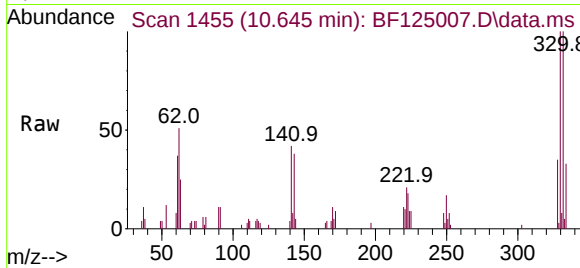




#67
4-Bromophenyl-phenylether
Concen: 3.44 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.241 min
Lab File: BF125007.D
Acq: 9 Aug 2021 18:16

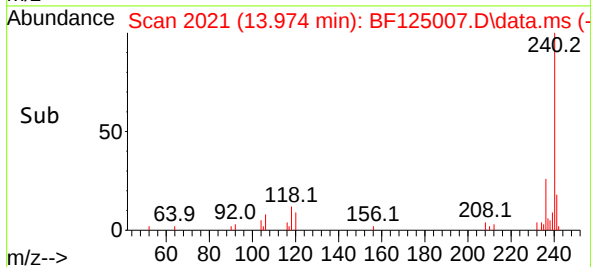
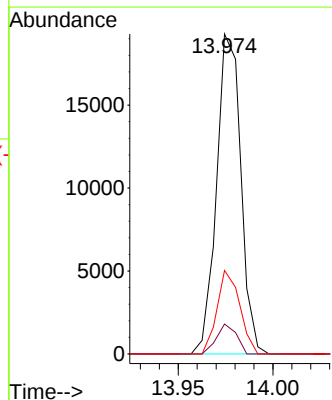
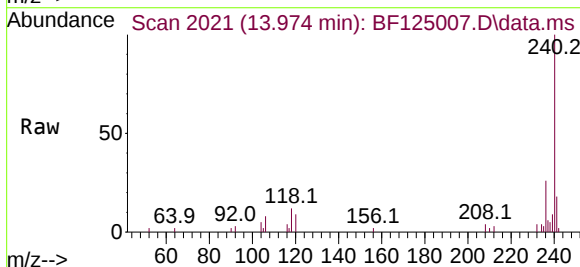
Instrument :
BNA_F
ClientSampleId :
20210562-COM-35

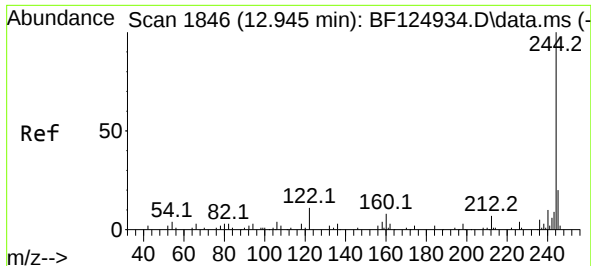
Tgt Ion:248 Resp: 915
Ion Ratio Lower Upper
248 100
250 195.4 74.2 111.4#
141 497.0 60.4 90.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF125007.D
Acq: 9 Aug 2021 18:16

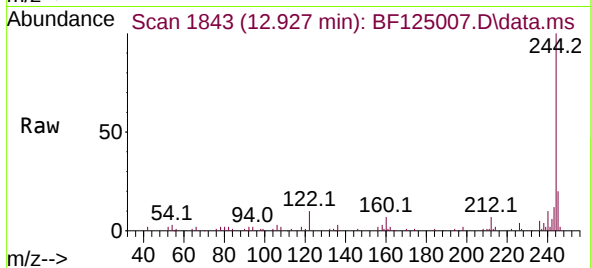
Tgt Ion:240 Resp: 17194
Ion Ratio Lower Upper
240 100
120 9.3 10.8 16.2#
236 26.1 21.6 32.4



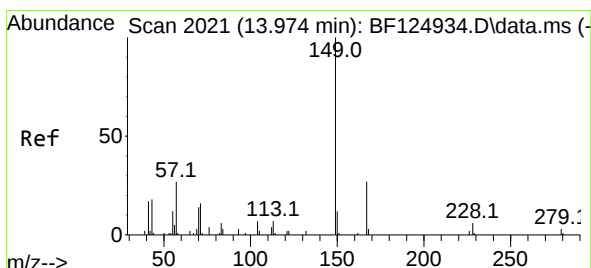
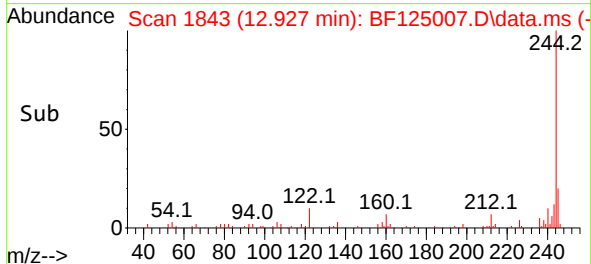
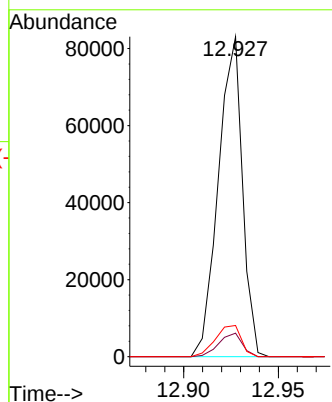


#79
 Terphenyl-d14
 Concen: 71.99 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: BF125007.D
 Acq: 9 Aug 2021 18:16

Instrument :
 BNA_F
 ClientSampleId :
 20210562-COM-35

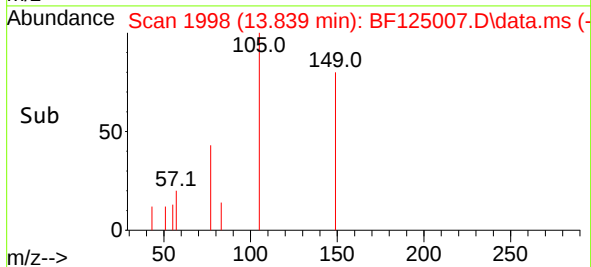
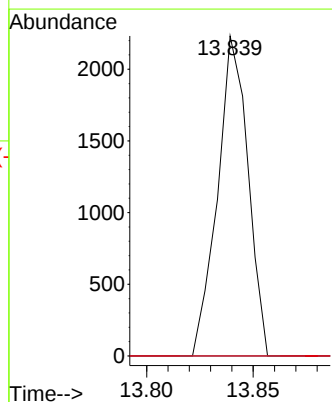
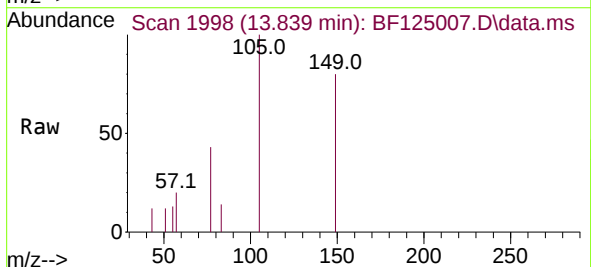


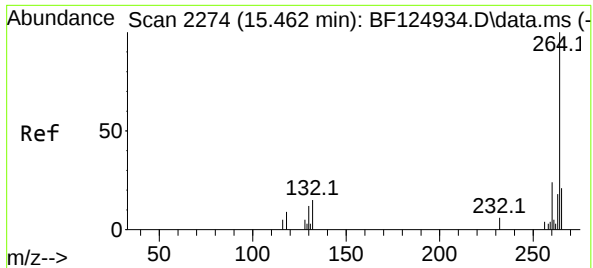
Tgt Ion:244 Resp: 73379
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 9.8 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.65 ng
 RT: 13.839 min Scan# 1998
 Delta R.T. -0.117 min
 Lab File: BF125007.D
 Acq: 9 Aug 2021 18:16

Tgt Ion:149 Resp: 2216
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.4 32.0#
 279 0.0 2.6 4.0#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF125007.D
 Acq: 9 Aug 2021 18:16

Instrument :
 BNA_F
 ClientSampleId :
 20210562-COM-35

Tgt Ion:264	Resp:	11536
Ion Ratio	Lower	Upper
264	100	
260	23.8	19.6 29.4
265	19.9	17.2 25.8

