

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012722\
 Data File : BF126711.D
 Acq On : 27 Jan 2022 17:39
 Operator : CG/JU
 Sample : PB142322BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142322BL

Quant Time: Jan 28 04:41:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

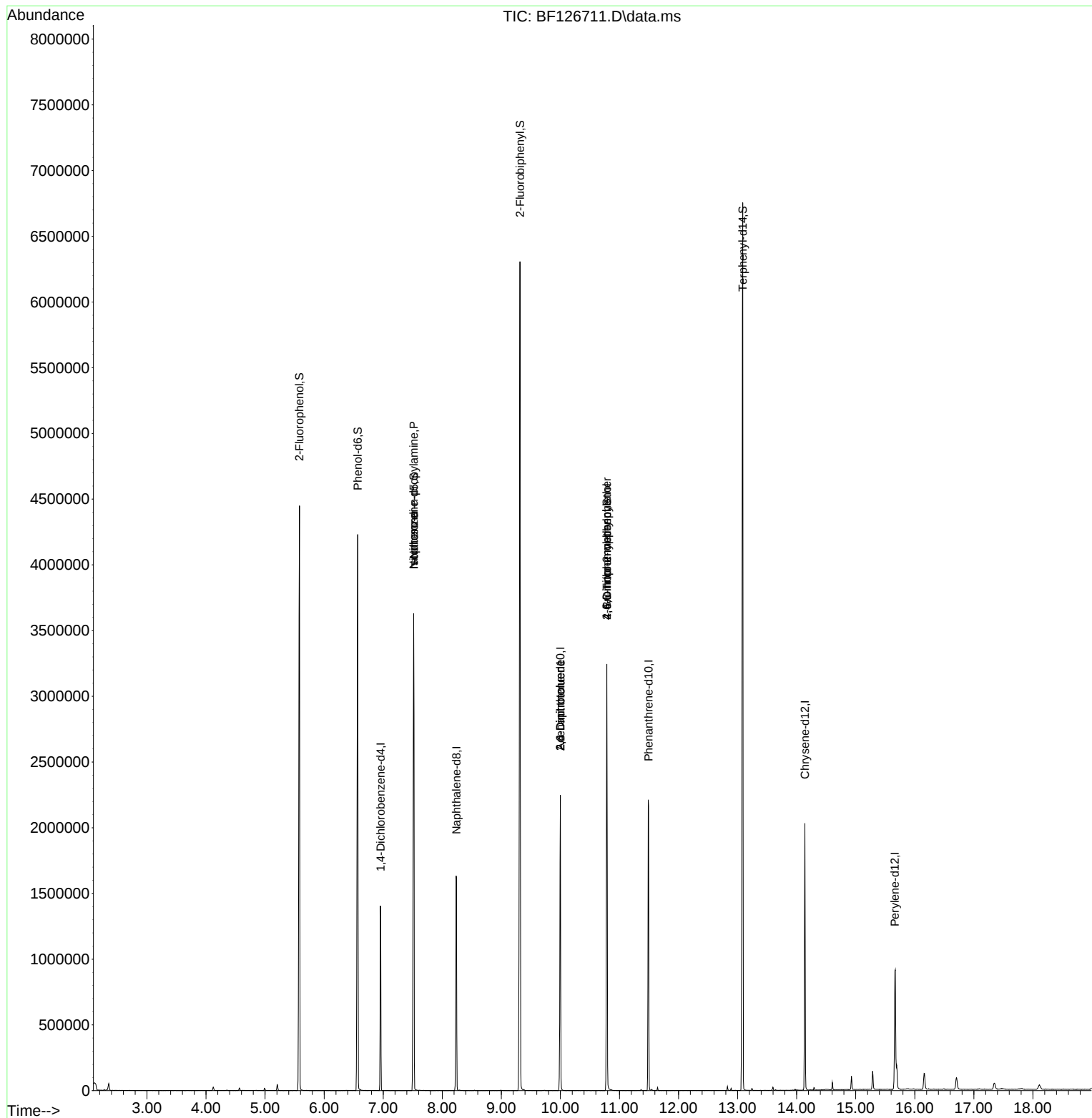
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	190453	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	772593	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	436879	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	784185	20.000	ng	0.00
76) Chrysene-d12	14.139	240	618565	20.000	ng	# 0.00
86) Perylene-d12	15.663	264	439025	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1212488	83.775	ng	0.01
7) Phenol-d6	6.569	99	1635423	81.329	ng	0.00
23) Nitrobenzene-d5	7.516	82	1634707	82.817	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	345811	84.581	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2032918	71.265	ng	0.00
79) Terphenyl-d14	13.086	244	2664069	72.237	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.563	77	2347	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.516	70	215572	14.688	ng	# 67
25) Isophorone	7.516	82	1617012	42.242	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	55550	10.375	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	55550	8.562	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	698	7.529	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	21872	2.420	ng	# 1

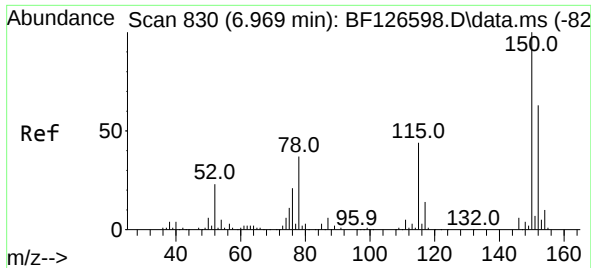
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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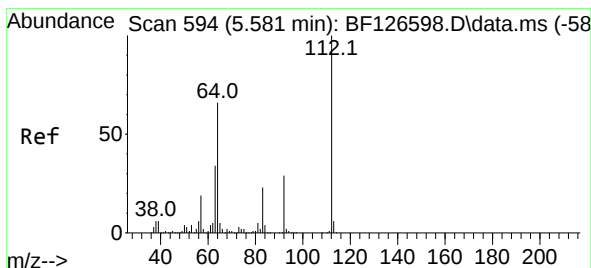
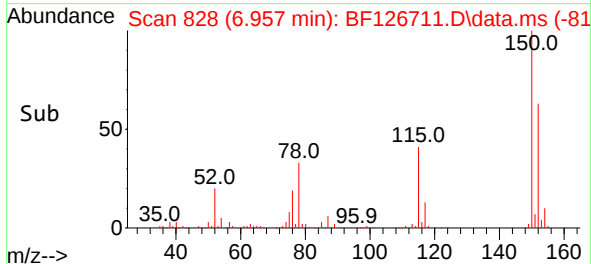
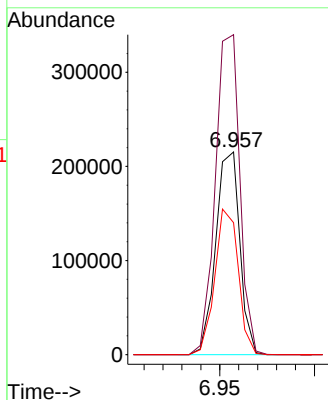
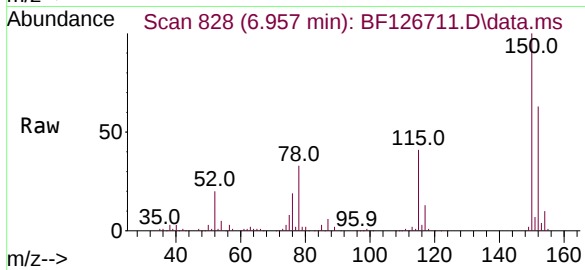




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126711.D
Acq: 27 Jan 2022 17:39

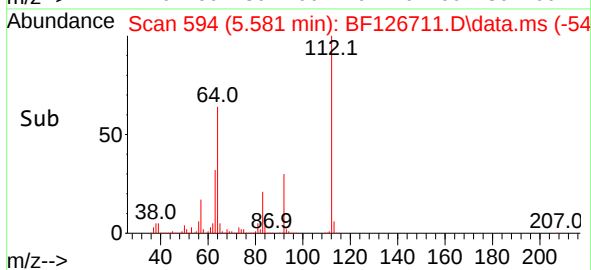
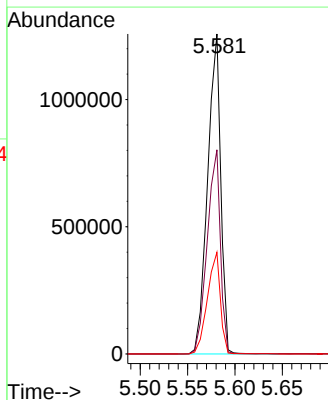
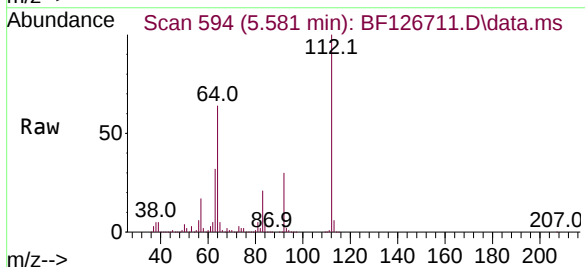
Instrument :
BNA_F
ClientSampleId :
PB142322BL

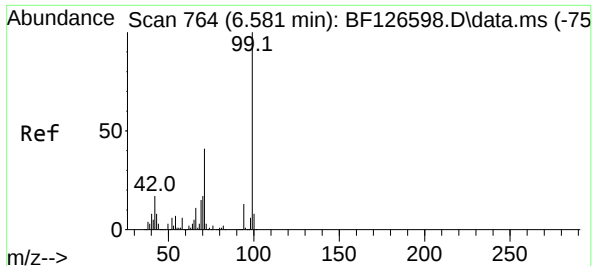
Tgt Ion:152 Resp: 190453
Ion Ratio Lower Upper
152 100
150 157.9 128.1 192.1
115 65.1 56.7 85.1



#5
2-Fluorophenol
Concen: 83.775 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.012 min
Lab File: BF126711.D
Acq: 27 Jan 2022 17:39

Tgt Ion:112 Resp: 1212488
Ion Ratio Lower Upper
112 100
64 63.8 49.5 74.3
63 31.8 23.9 35.9

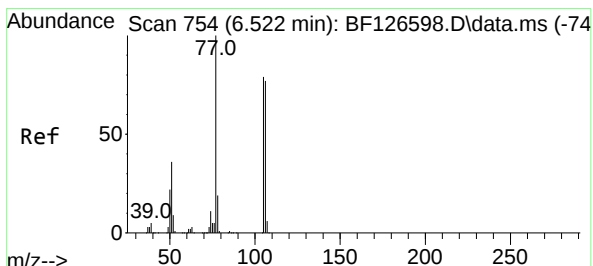
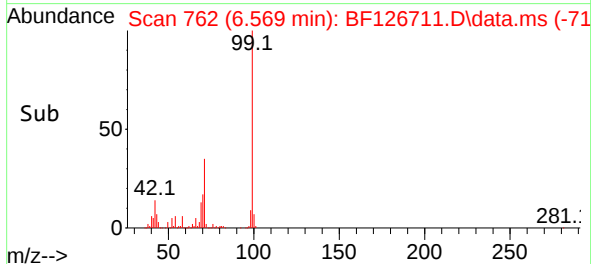
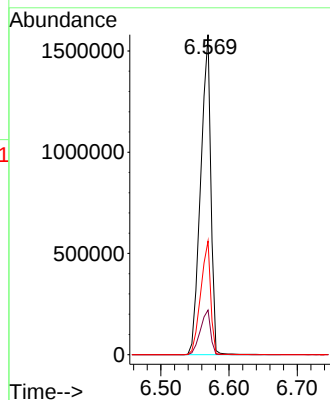
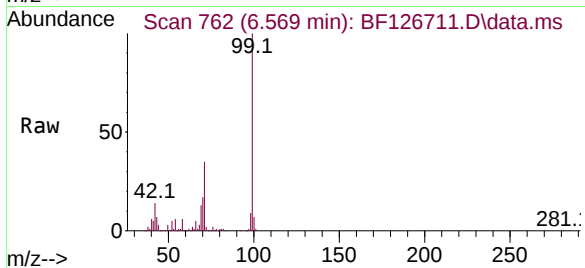




#7
Phenol-d6
Concen: 81.329 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF126711.D
Acq: 27 Jan 2022 17:39

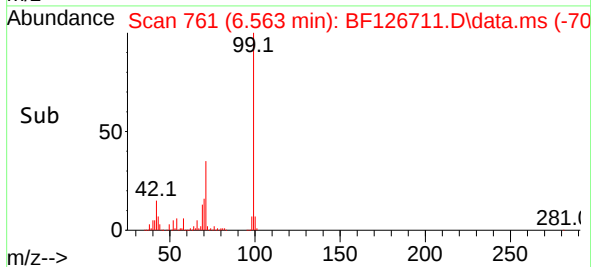
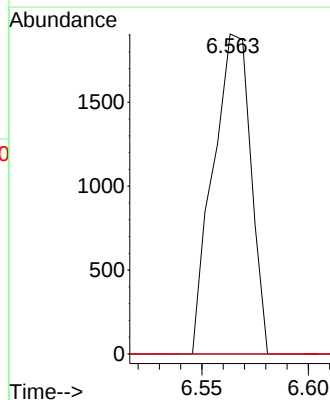
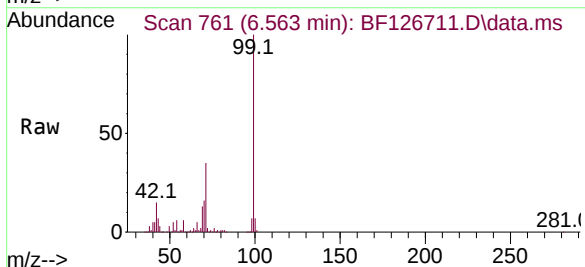
Instrument :
BNA_F
ClientSampleId :
PB142322BL

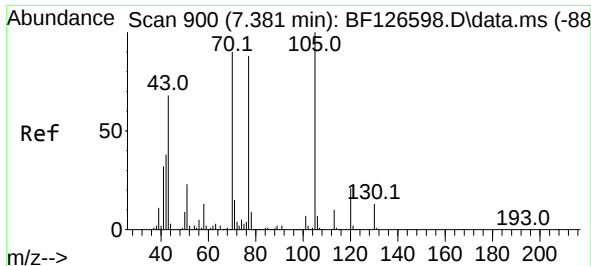
Tgt Ion: 99 Resp: 1635423
Ion Ratio Lower Upper
99 100
42 14.0 14.2 21.4#
71 35.5 24.3 36.5



#9
Benzaldehyde
Concen: Below Cal
RT: 6.563 min Scan# 761
Delta R.T. 0.053 min
Lab File: BF126711.D
Acq: 27 Jan 2022 17:39

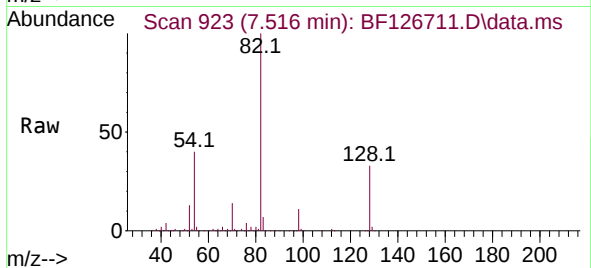
Tgt Ion: 77 Resp: 2347
Ion Ratio Lower Upper
77 100
105 0.0 74.9 114.9#
106 0.0 72.4 112.4#



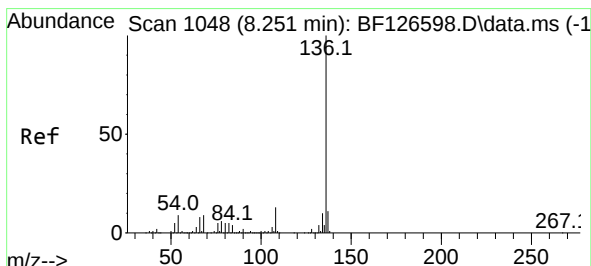
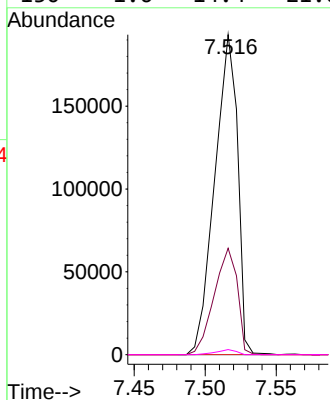
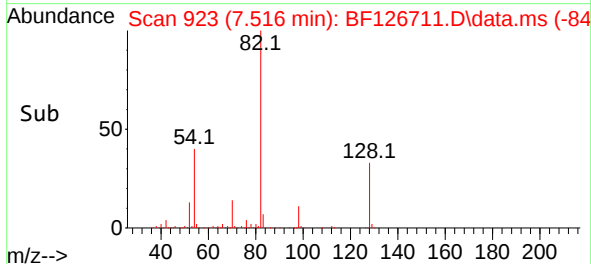


#19
n-Nitroso-di-n-propylamine
Concen: 14.688 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126711.D
Acq: 27 Jan 2022 17:39

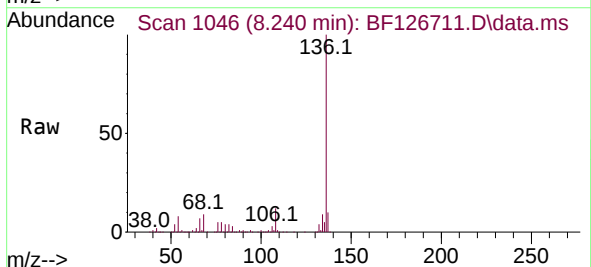
Instrument :
BNA_F
ClientSampleId :
PB142322BL



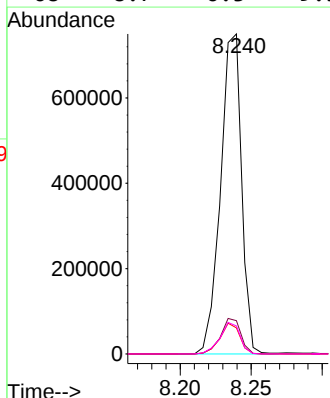
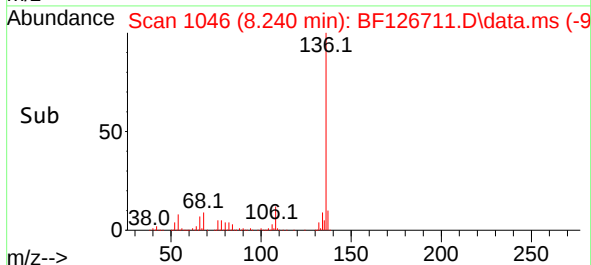
Tgt Ion: 70 Resp: 215572
Ion Ratio Lower Upper
70 100
42 33.2 45.8 68.8#
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#

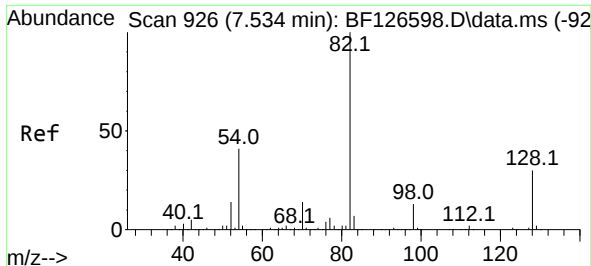


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126711.D
Acq: 27 Jan 2022 17:39



Tgt Ion: 136 Resp: 772593
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.2 7.8 11.6
68 8.7 6.3 9.5





#23

Nitrobenzene-d5

Concen: 82.817 ng

RT: 7.516 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126711.D

Acq: 27 Jan 2022 17:39

Instrument :

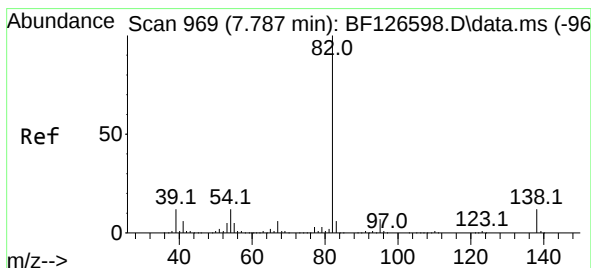
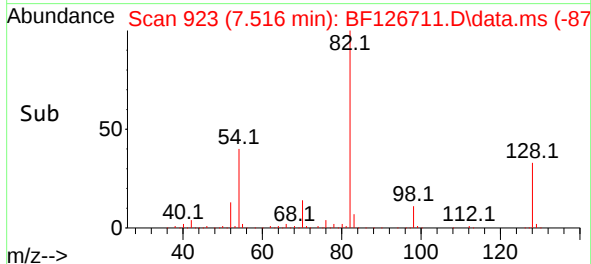
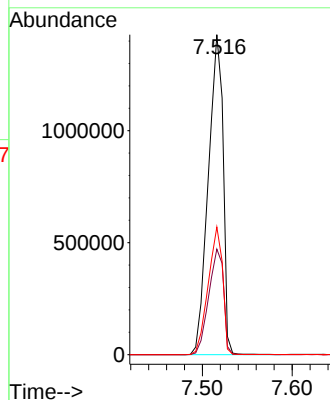
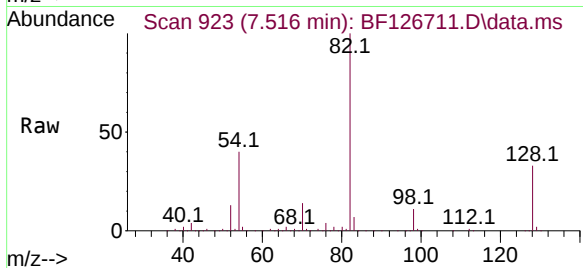
BNA_F

ClientSampleId :

PB142322BL

Tgt Ion: 82 Resp: 1634707

Ion	Ratio	Lower	Upper
82	100		
128	33.0	32.7	49.1
54	39.9	41.7	62.5



#25

Isophorone

Concen: 42.242 ng

RT: 7.516 min Scan# 923

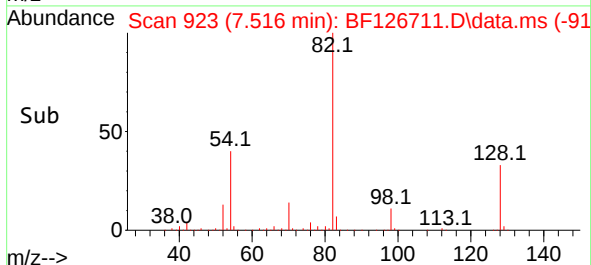
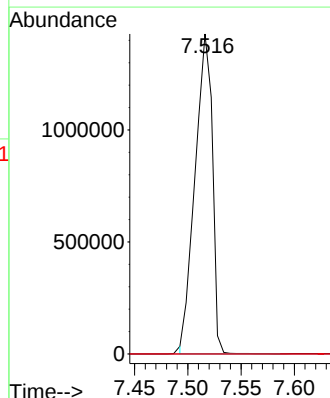
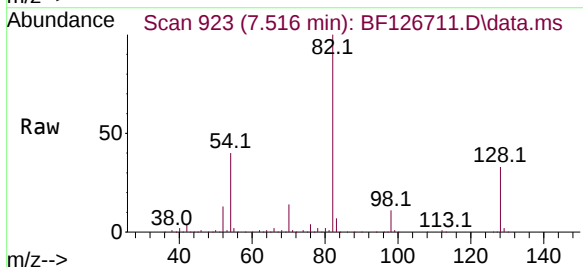
Delta R.T. -0.264 min

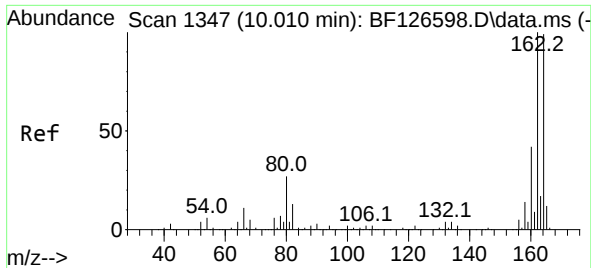
Lab File: BF126711.D

Acq: 27 Jan 2022 17:39

Tgt Ion: 82 Resp: 1617012

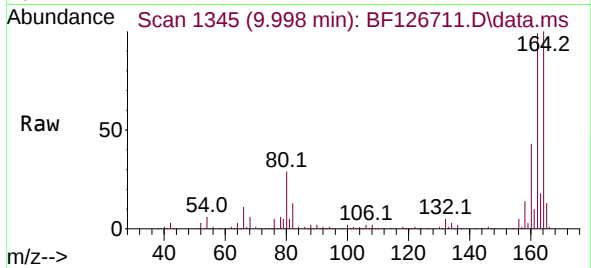
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4
138	0.0	12.3	18.5



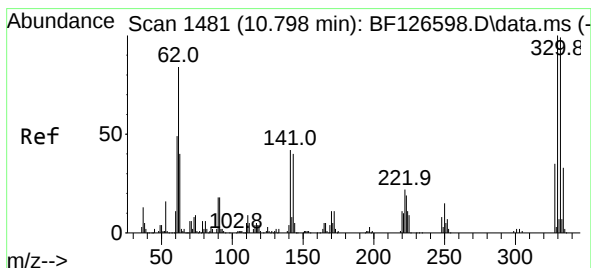
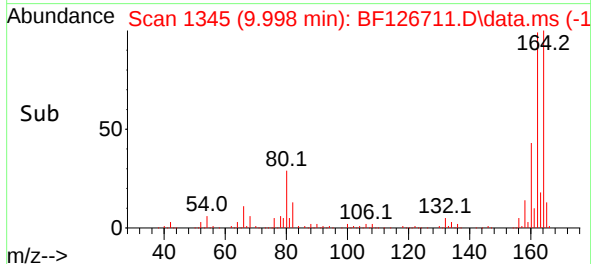
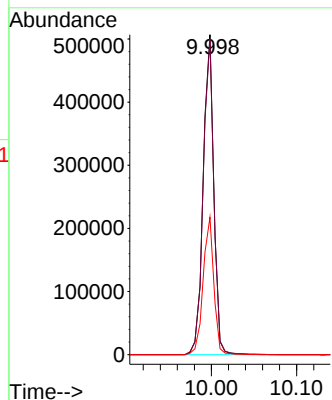


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126711.D
Acq: 27 Jan 2022 17:39

Instrument :
BNA_F
ClientSampleId :
PB142322BL

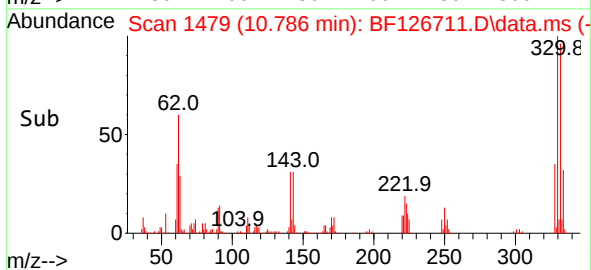
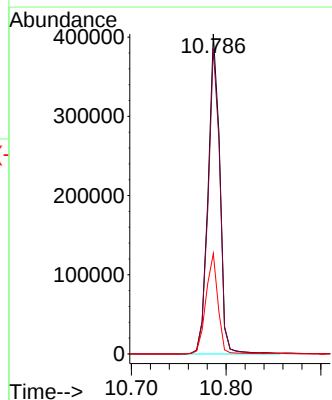
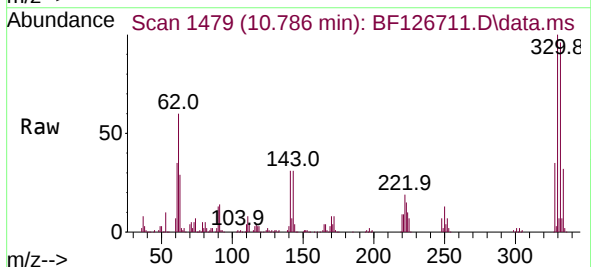


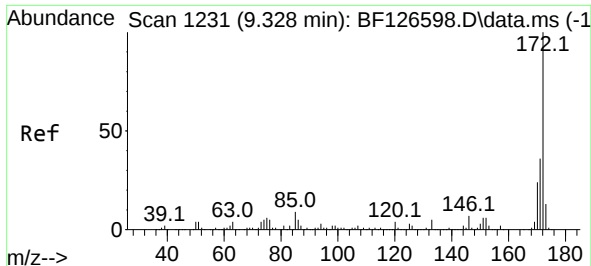
Tgt Ion:164 Resp: 436879
Ion Ratio Lower Upper
164 100
162 98.7 81.4 122.0
160 43.0 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 84.581 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126711.D
Acq: 27 Jan 2022 17:39

Tgt Ion:330 Resp: 345811
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 32.2 30.1 45.1

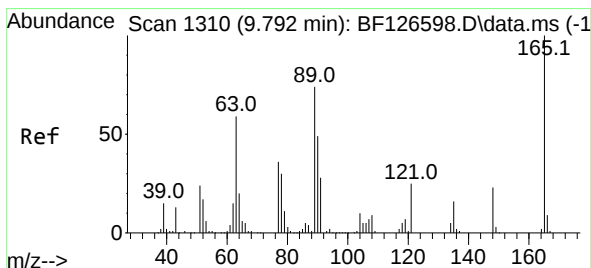
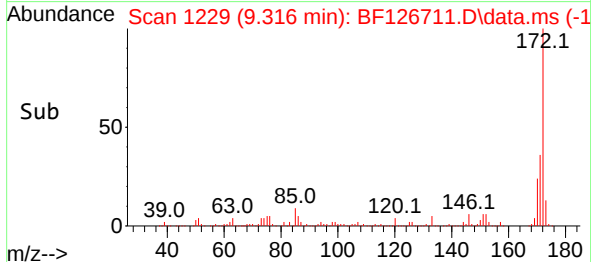
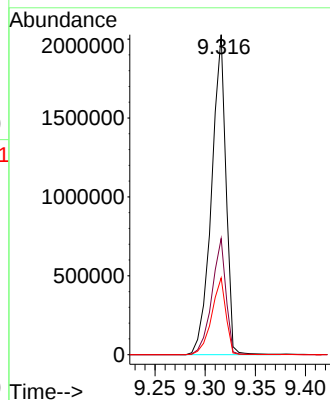
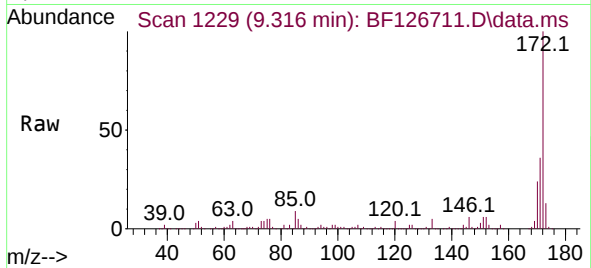




#45
2-Fluorobiphenyl
Concen: 71.265 ng
RT: 9.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126711.D
Acq: 27 Jan 2022 17:39

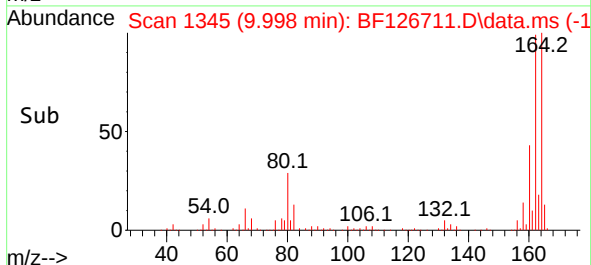
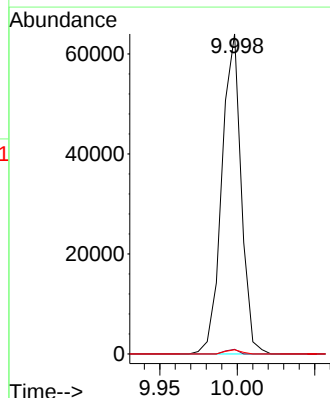
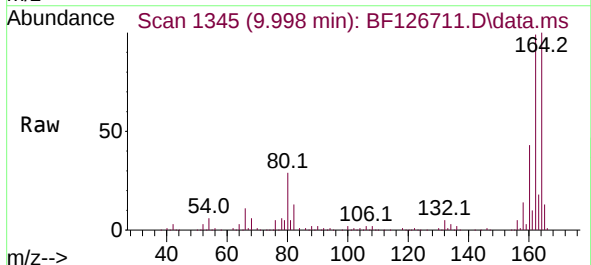
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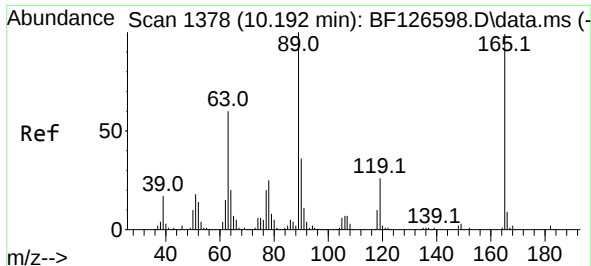
Tgt Ion:172 Resp: 2032918
Ion Ratio Lower Upper
172 100
171 36.3 28.3 42.5
170 24.0 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 10.375 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.218 min
Lab File: BF126711.D
Acq: 27 Jan 2022 17:39

Tgt Ion:165 Resp: 55550
Ion Ratio Lower Upper
165 100
63 1.5 48.4 72.6#
89 1.3 50.5 75.7#

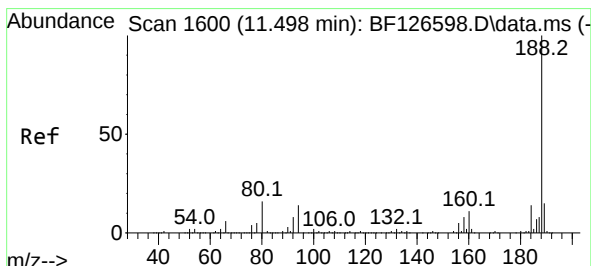
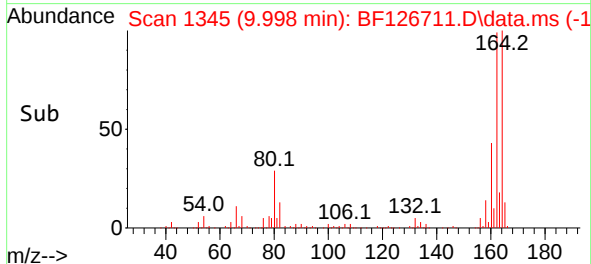
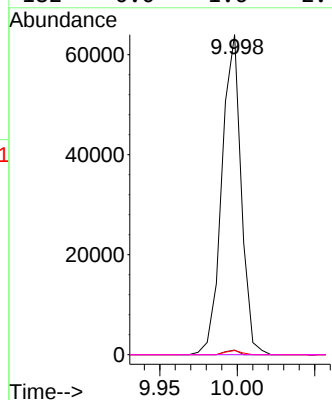
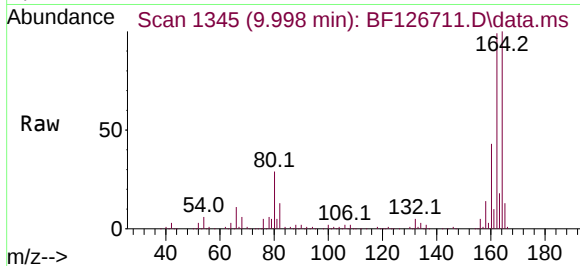




#57
2,4-Dinitrotoluene
Concen: 8.562 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126711.D
Acq: 27 Jan 2022 17:39

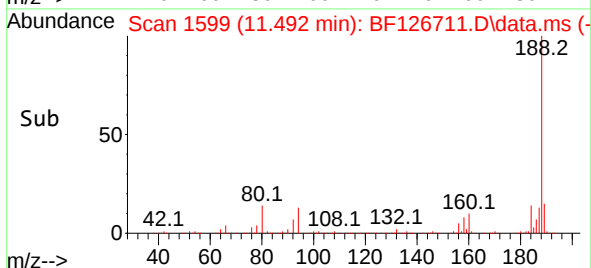
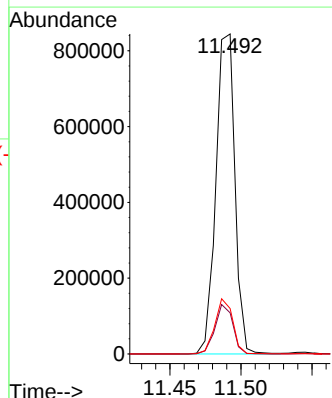
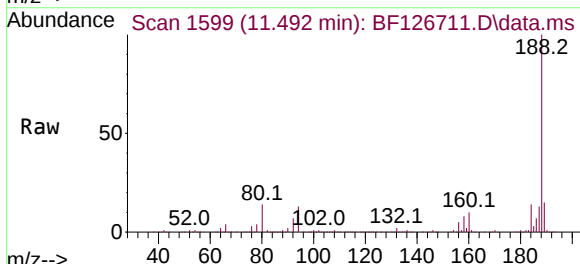
Instrument :
BNA_F
ClientSampleId :
PB142322BL

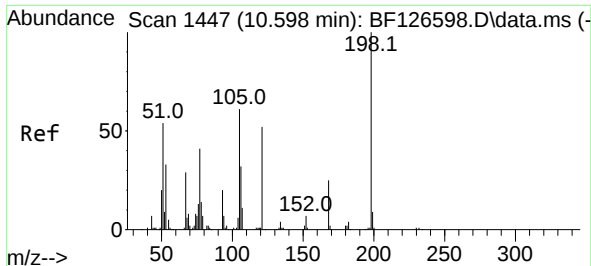
Tgt Ion:165 Resp: 55550
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF126711.D
Acq: 27 Jan 2022 17:39

Tgt Ion:188 Resp: 784185
Ion Ratio Lower Upper
188 100
94 12.9 10.1 15.1
80 14.2 11.8 17.6

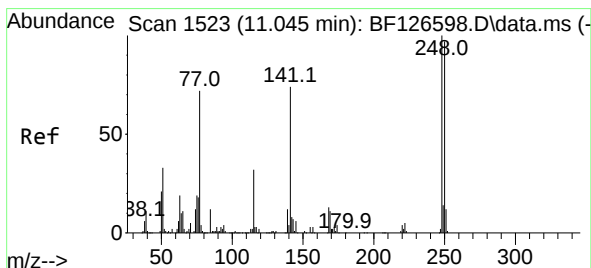
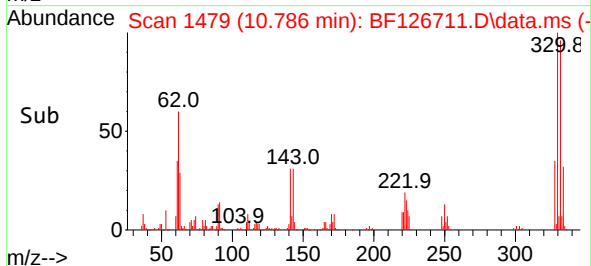
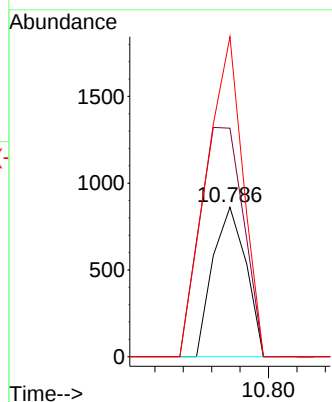
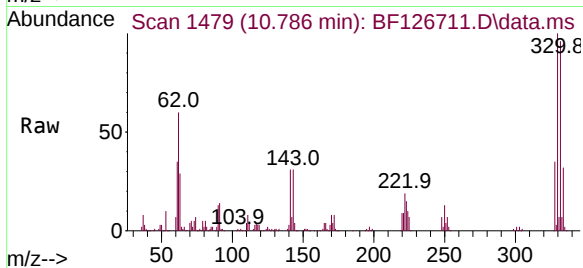




#65
4,6-Dinitro-2-methylphenol
Concen: 7.529 ng
RT: 10.786 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126711.D
Acq: 27 Jan 2022 17:39

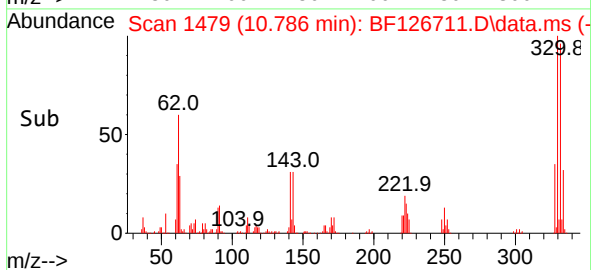
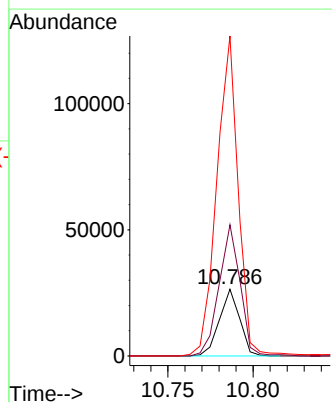
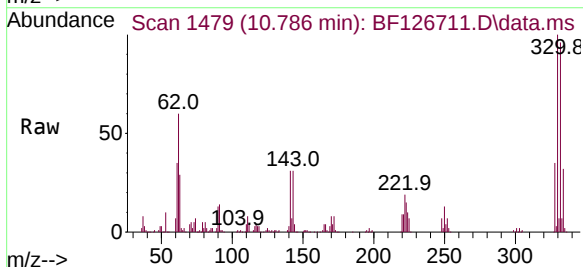
Instrument :
BNA_F
ClientSampleId :
PB142322BL

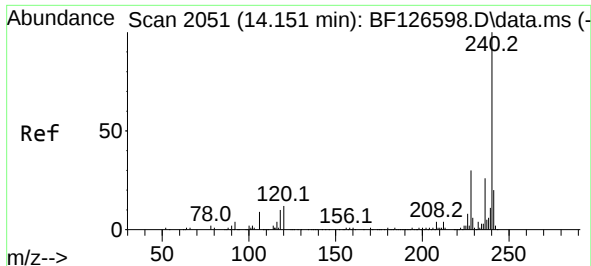
Tgt Ion:198 Resp: 698
Ion Ratio Lower Upper
198 100
51 153.0 32.0 72.0#
105 214.2 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 2.420 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.247 min
Lab File: BF126711.D
Acq: 27 Jan 2022 17:39

Tgt Ion:248 Resp: 21872
Ion Ratio Lower Upper
248 100
250 196.7 76.2 114.4#
141 479.8 66.2 99.4#

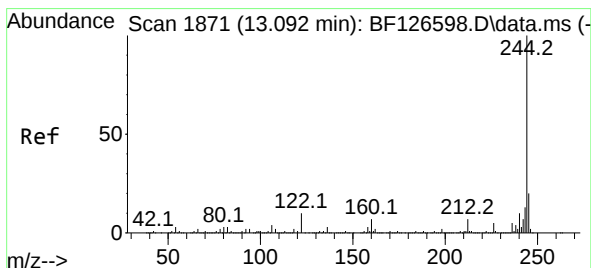
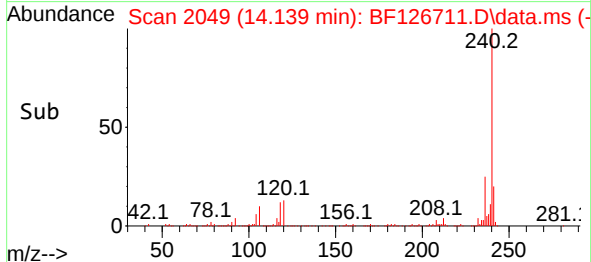
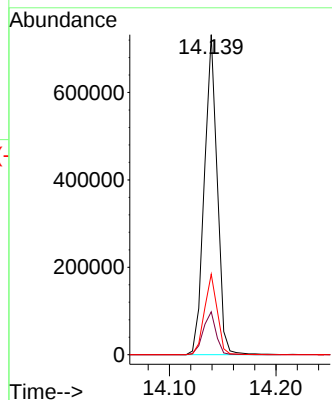
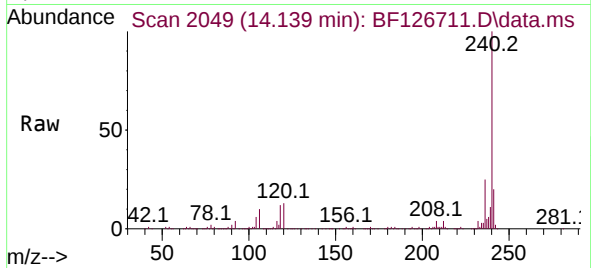




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF126711.D
Acq: 27 Jan 2022 17:39

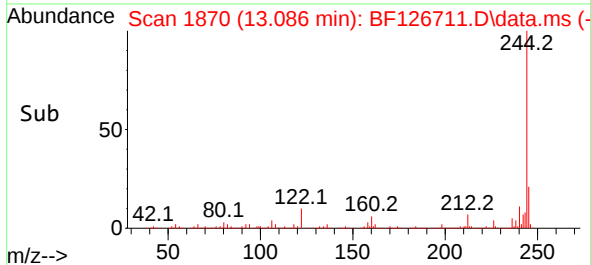
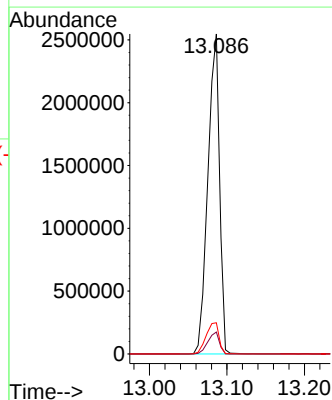
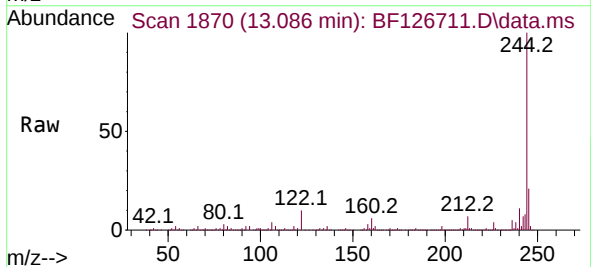
Instrument :
BNA_F
ClientSampleId :
PB142322BL

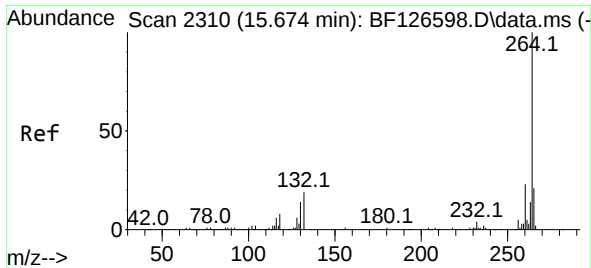
Tgt Ion:240 Resp: 618565
Ion Ratio Lower Upper
240 100
120 13.4 14.4 21.6#
236 25.2 20.5 30.7



#79
Terphenyl-d14
Concen: 72.237 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BF126711.D
Acq: 27 Jan 2022 17:39

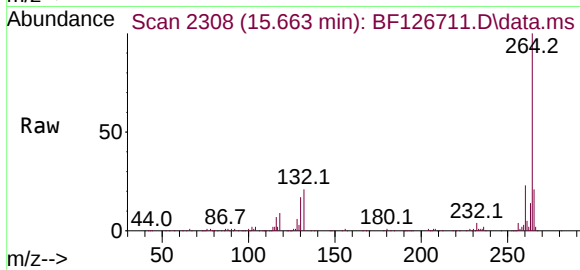
Tgt Ion:244 Resp: 2664069
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 9.7 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.663 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126711.D
Acq: 27 Jan 2022 17:39

Instrument :
BNA_F
ClientSampleId :
PB142322BL



Tgt Ion:264 Resp: 439025
Ion Ratio Lower Upper
264 100
260 22.8 19.2 28.8
265 21.1 17.4 26.2

