

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
 Data File : BF126744.D
 Acq On : 31 Jan 2022 12:05
 Operator : CG/JU
 Sample : PB142315TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142315TB

Quant Time: Feb 01 02:39:34 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)

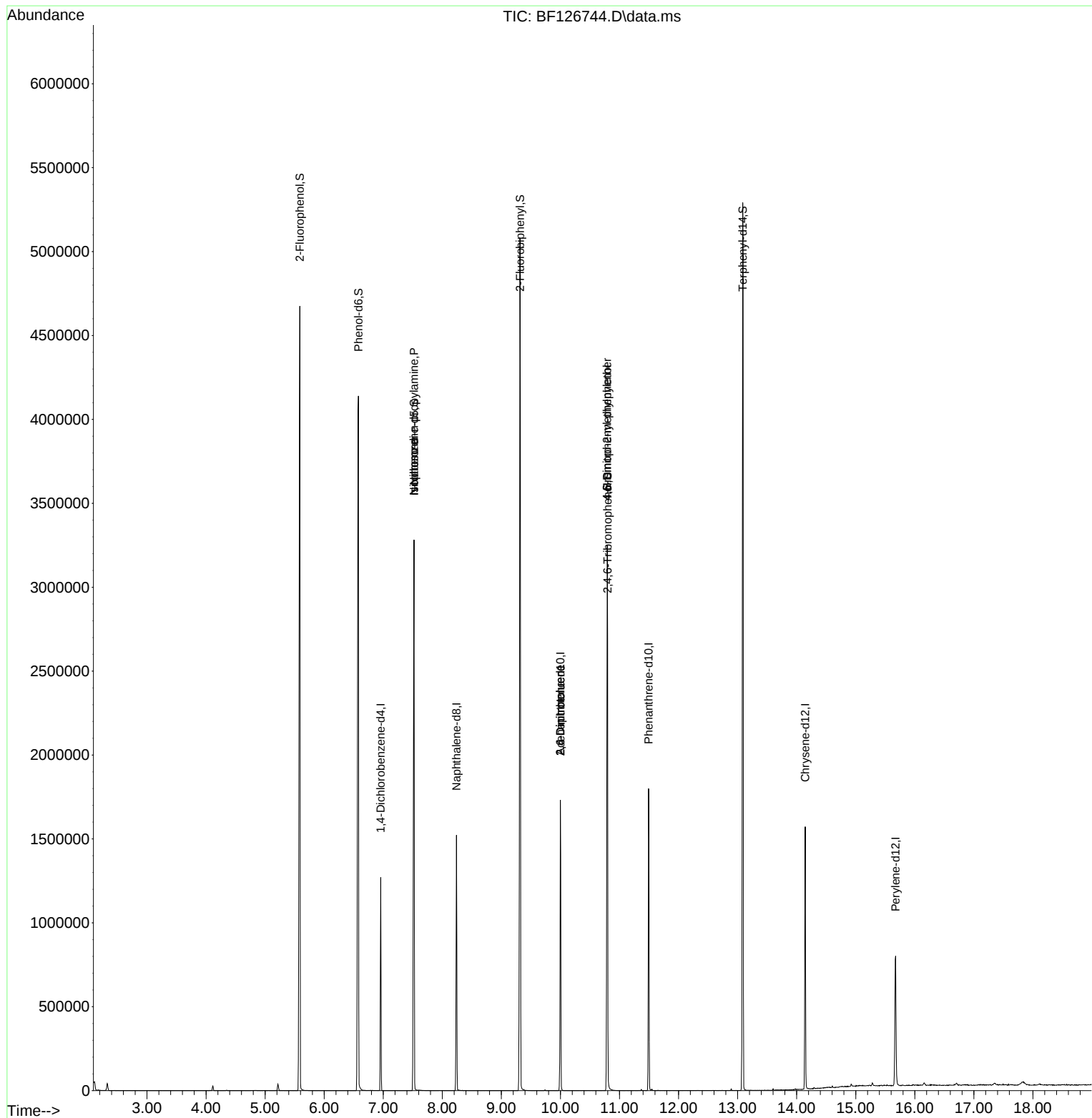
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	158939	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	620952	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	344051	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	611988	20.000	ng	0.00
76) Chrysene-d12	14.145	240	493571	20.000	ng	# 0.00
86) Perylene-d12	15.674	264	373751	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1392759	115.310	ng	0.02
7) Phenol-d6	6.581	99	1877968	111.907	ng	0.00
23) Nitrobenzene-d5	7.522	82	1348882	85.025	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	415820	129.145	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1702282	75.775	ng	0.00
79) Terphenyl-d14	13.086	244	2071539	70.395	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.581	77	2957	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.522	70	175982	14.368	ng	# 67
25) Isophorone	7.522	82	1341927	43.617	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	44575	10.571	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	44575	8.724	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	934	7.642	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	26101	3.701	ng	# 1

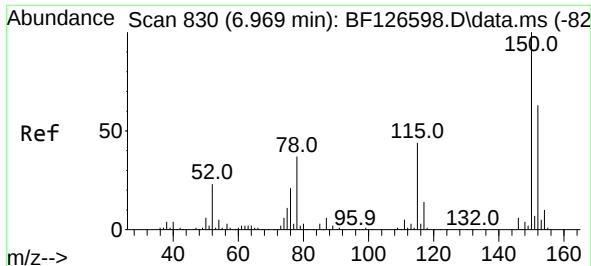
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
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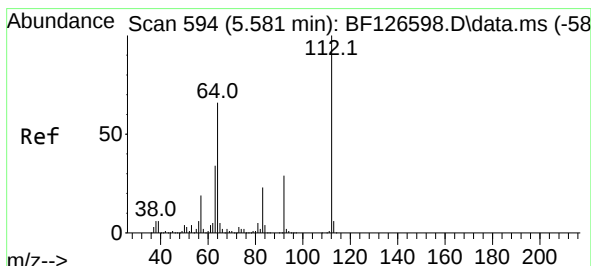
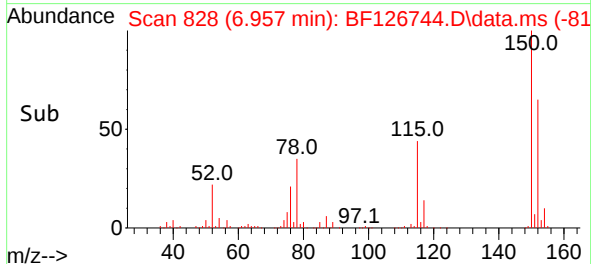
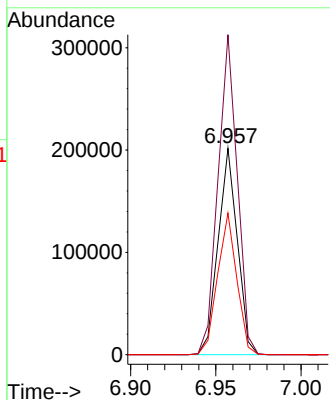
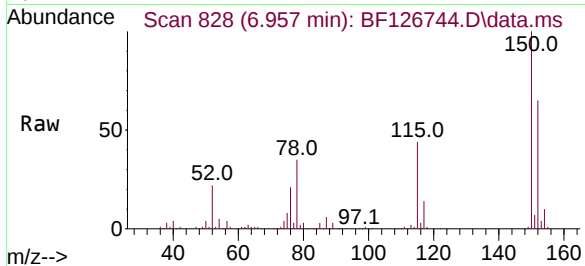




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126744.D
Acq: 31 Jan 2022 12:05

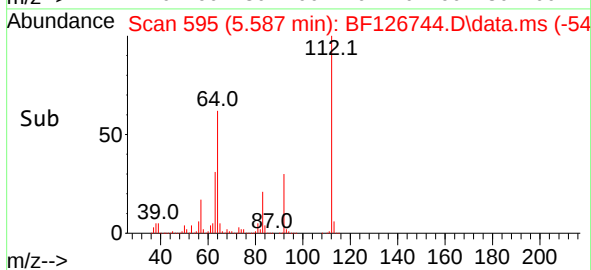
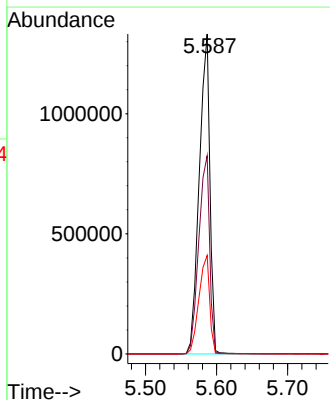
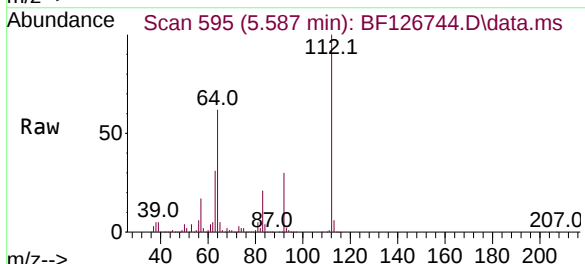
Instrument :
BNA_F
ClientSampleId :
PB142315TB

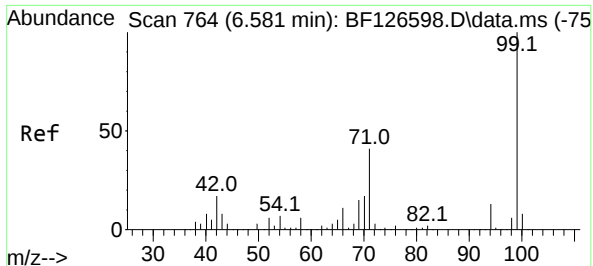
Tgt Ion:152 Resp: 158939
Ion Ratio Lower Upper
152 100
150 155.0 128.1 192.1
115 68.6 56.7 85.1



#5
2-Fluorophenol
Concen: 115.310 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126744.D
Acq: 31 Jan 2022 12:05

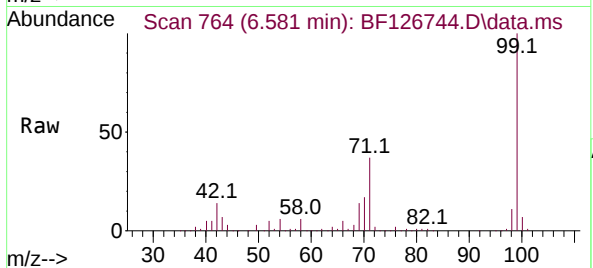
Tgt Ion:112 Resp: 1392759
Ion Ratio Lower Upper
112 100
64 62.0 49.5 74.3
63 30.8 23.9 35.9





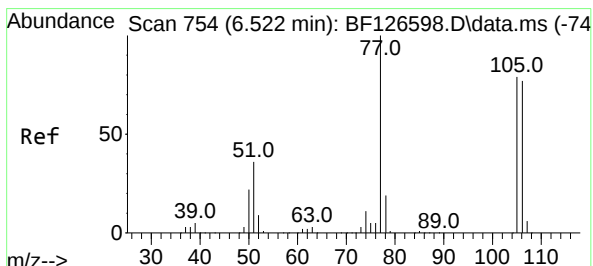
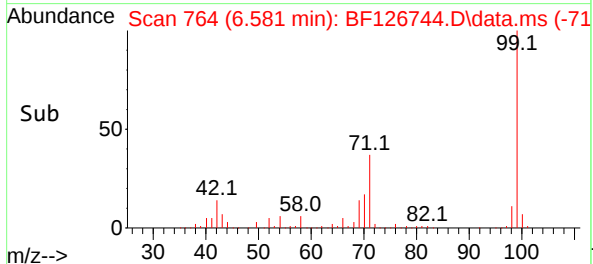
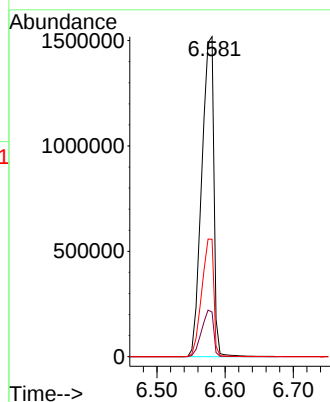
#7
Phenol-d6
Concen: 111.907 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF126744.D
Acq: 31 Jan 2022 12:05

Instrument :
BNA_F
ClientSampleId :
PB142315TB



Tgt Ion: 99 Resp: 1877968

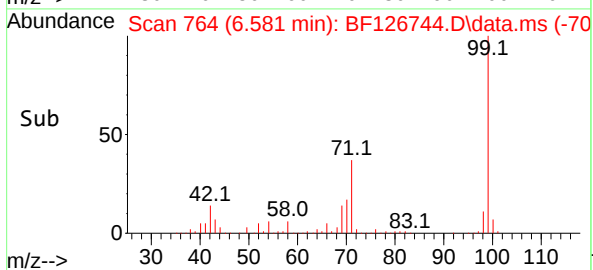
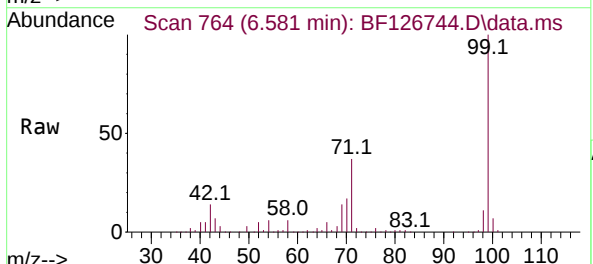
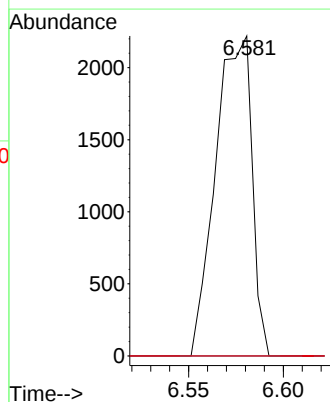
Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.2	21.4#
71	36.7	24.3	36.5#

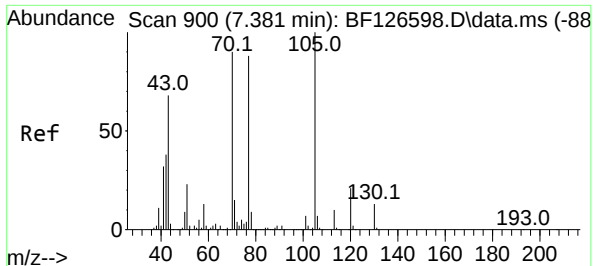


#9
Benzaldehyde
Concen: Below Cal
RT: 6.581 min Scan# 764
Delta R.T. 0.071 min
Lab File: BF126744.D
Acq: 31 Jan 2022 12:05

Tgt Ion: 77 Resp: 2957

Ion	Ratio	Lower	Upper
77	100		
105	0.0	74.9	114.9#
106	0.0	72.4	112.4#

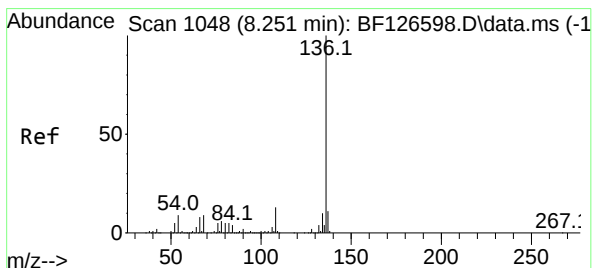
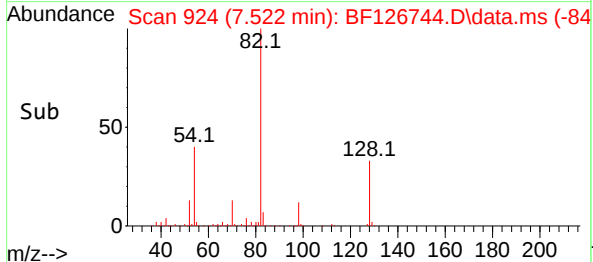
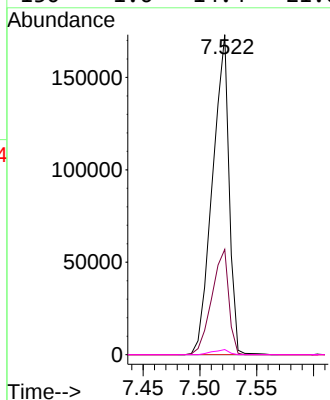
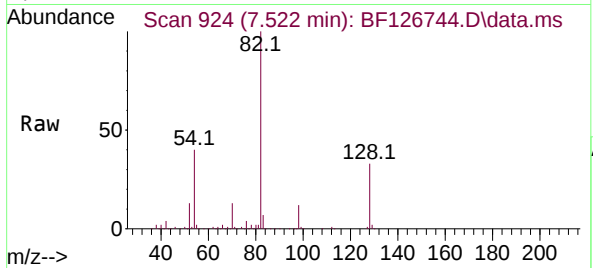




#19
n-Nitroso-di-n-propylamine
Concen: 14.368 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.153 min
Lab File: BF126744.D
Acq: 31 Jan 2022 12:05

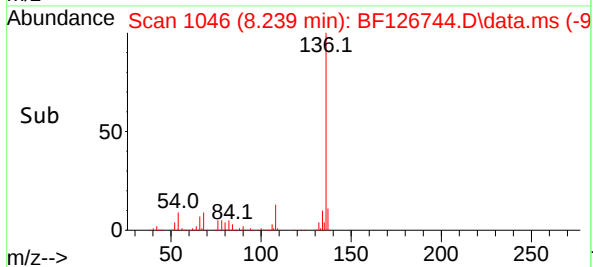
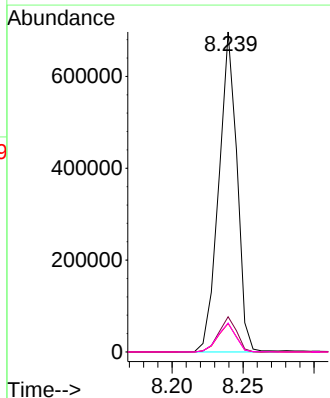
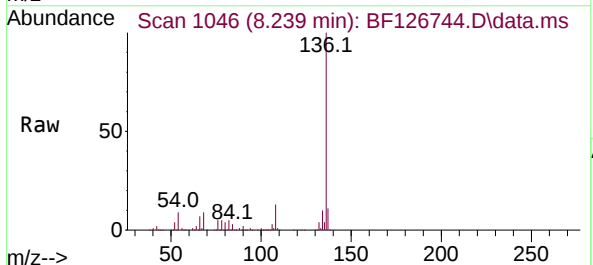
Instrument :
BNA_F
ClientSampleId :
PB142315TB

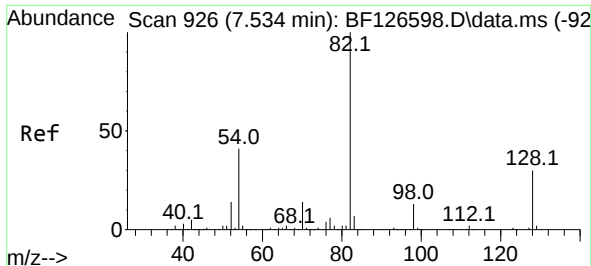
Tgt Ion: 70 Resp: 175982
Ion Ratio Lower Upper
70 100
42 32.9 45.8 68.8#
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126744.D
Acq: 31 Jan 2022 12:05

Tgt Ion: 136 Resp: 620952
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.9 7.8 11.6
68 9.0 6.3 9.5

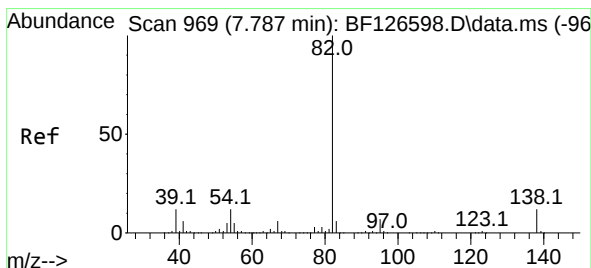
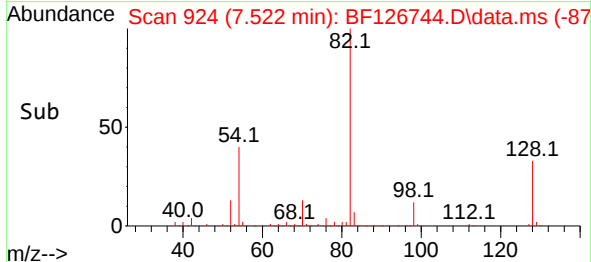
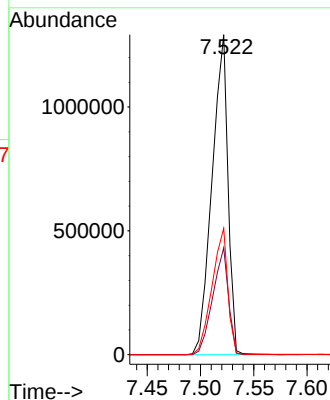
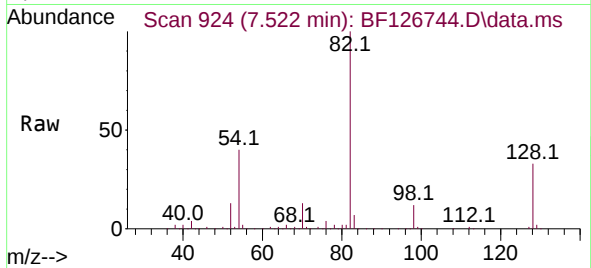




#23
Nitrobenzene-d5
Concen: 85.025 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF126744.D
Acq: 31 Jan 2022 12:05

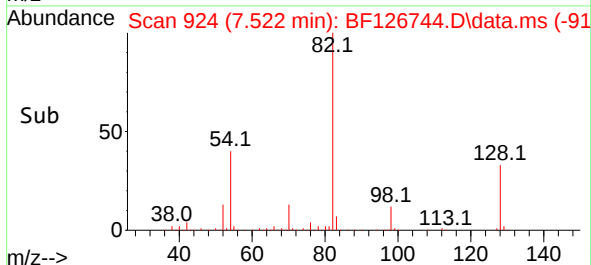
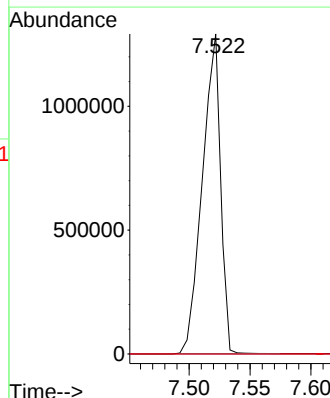
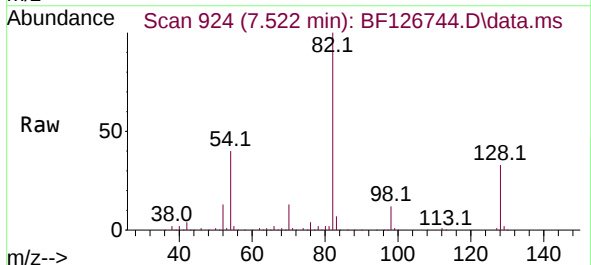
Instrument :
BNA_F
ClientSampleId :
PB142315TB

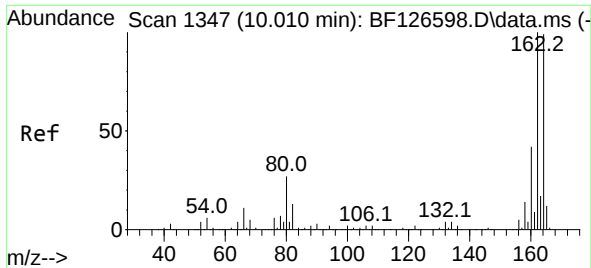
Tgt Ion: 82 Resp: 1348882
Ion Ratio Lower Upper
82 100
128 33.4 32.7 49.1
54 39.5 41.7 62.5#



#25
Isophorone
Concen: 43.617 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.259 min
Lab File: BF126744.D
Acq: 31 Jan 2022 12:05

Tgt Ion: 82 Resp: 1341927
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

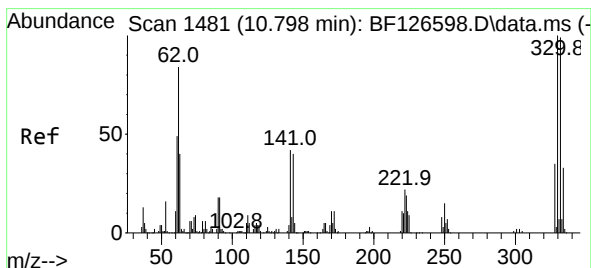
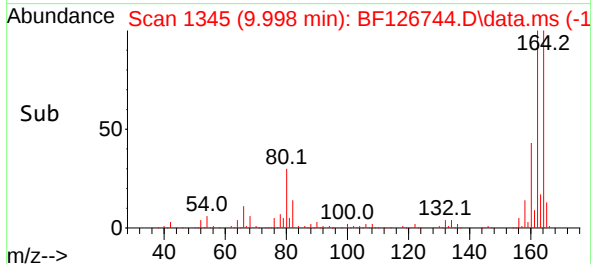
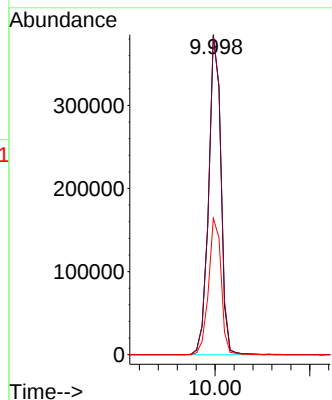
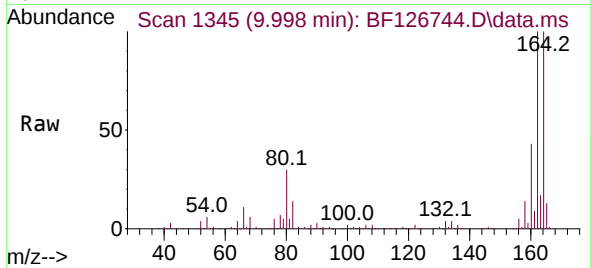




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126744.D
Acq: 31 Jan 2022 12:05

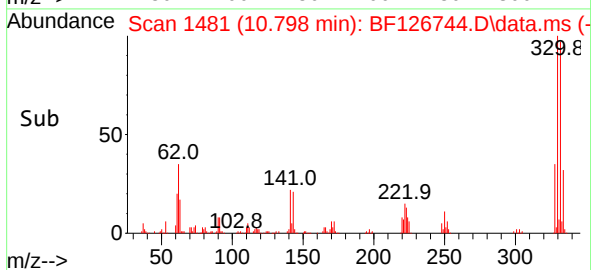
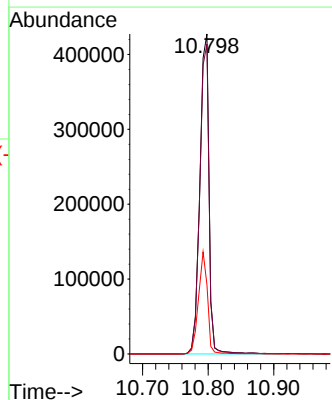
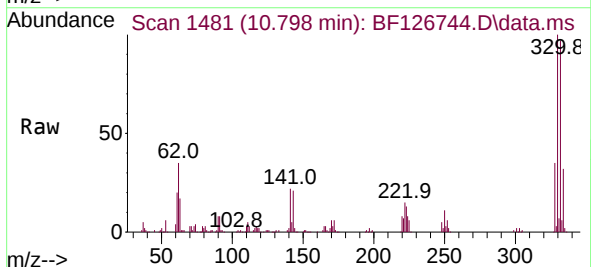
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ClientSampleId :
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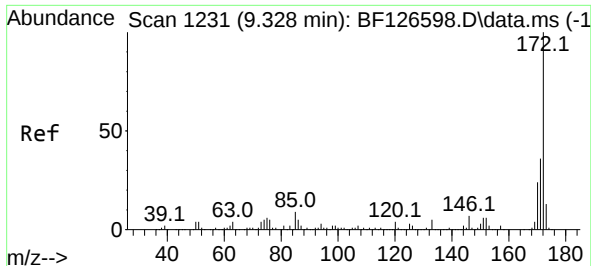
Tgt Ion:164 Resp: 344051
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.0
160 42.6 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 129.145 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BF126744.D
Acq: 31 Jan 2022 12:05

Tgt Ion:330 Resp: 415820
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 31.5 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 75.775 ng

RT: 9.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126744.D

Acq: 31 Jan 2022 12:05

Instrument :

BNA_F

ClientSampleId :

PB142315TB

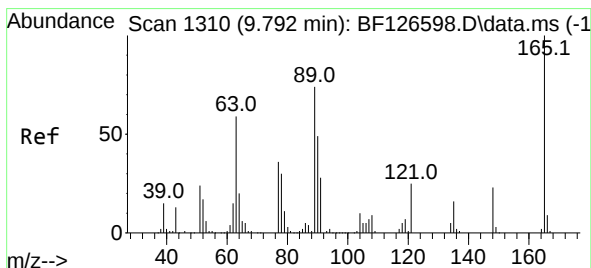
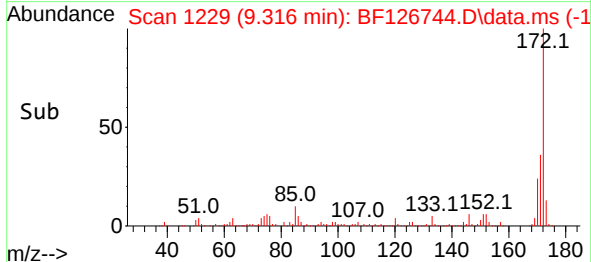
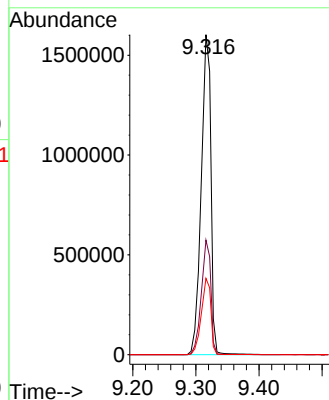
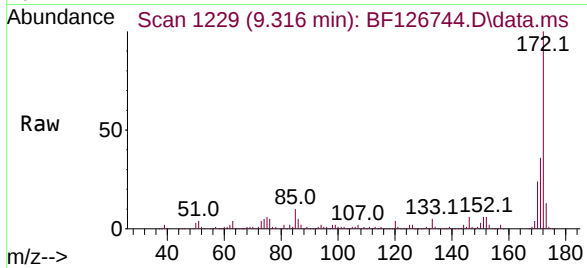
Tgt Ion:172 Resp: 1702282

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.9 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.571 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126744.D

Acq: 31 Jan 2022 12:05

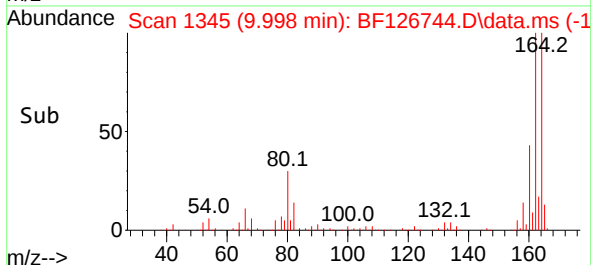
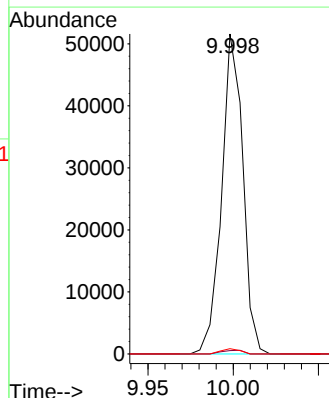
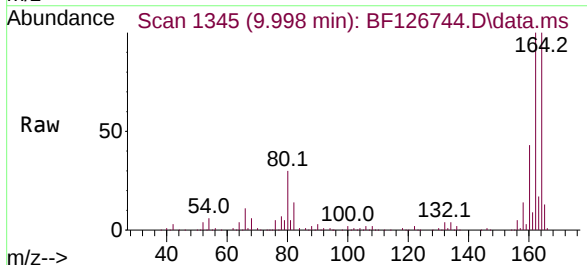
Tgt Ion:165 Resp: 44575

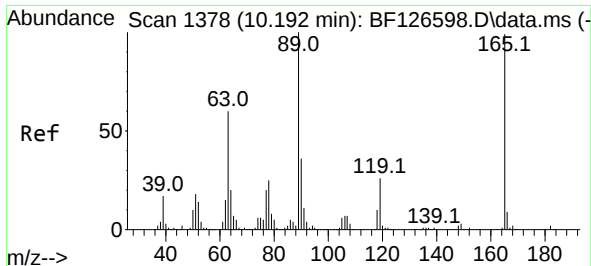
Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.7 50.5 75.7#

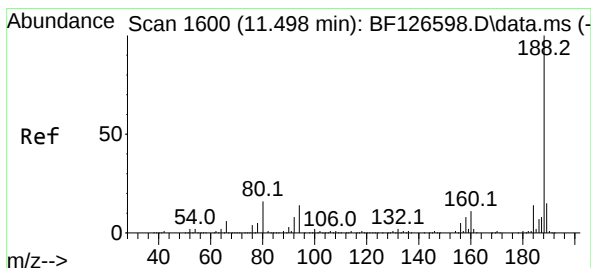
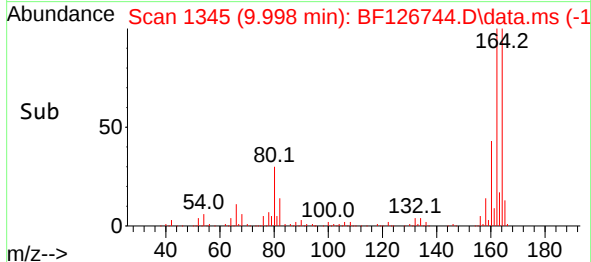
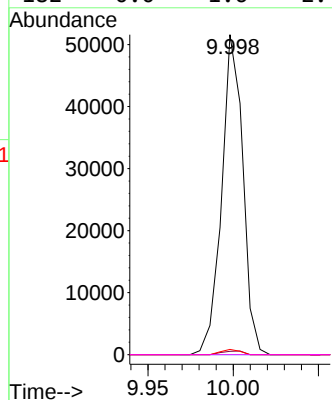
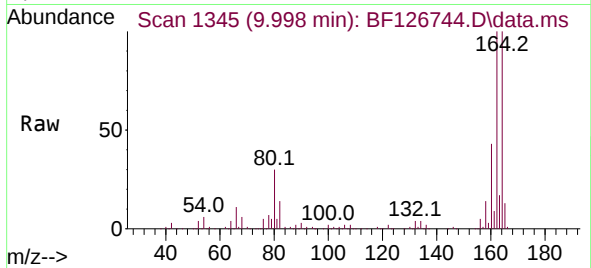




#57
2,4-Dinitrotoluene
Concen: 8.724 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126744.D
Acq: 31 Jan 2022 12:05

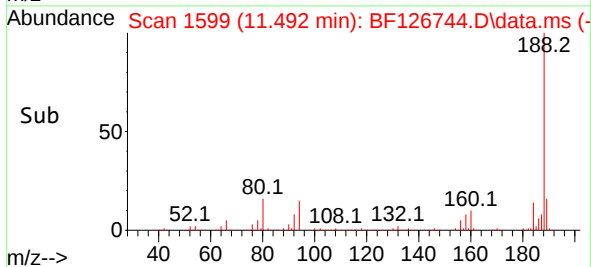
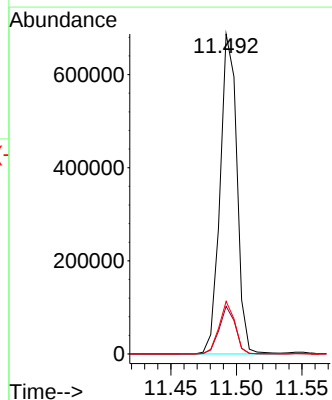
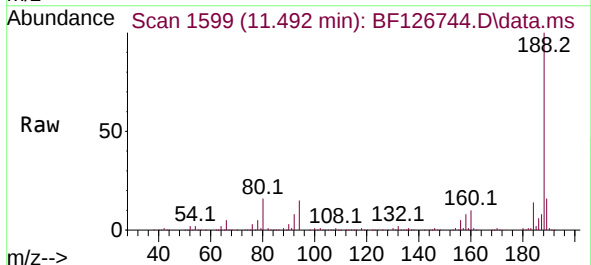
Instrument :
BNA_F
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PB142315TB

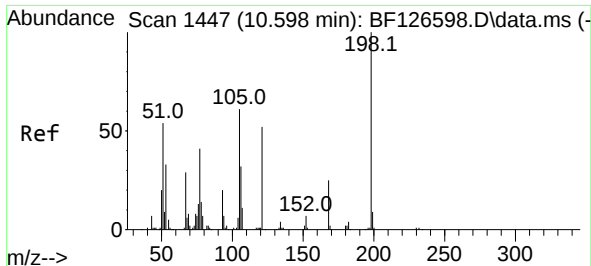
Tgt Ion:165 Resp: 44575
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.7 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF126744.D
Acq: 31 Jan 2022 12:05

Tgt Ion:188 Resp: 611988
Ion Ratio Lower Upper
188 100
94 14.9 10.1 15.1
80 16.5 11.8 17.6





#65

4,6-Dinitro-2-methylphenol

Concen: 7.642 ng

RT: 10.792 min Scan# 1447

Delta R.T. 0.200 min

Lab File: BF126744.D

Acq: 31 Jan 2022 12:05

Instrument :

BNA_F

ClientSampleId :

PB142315TB

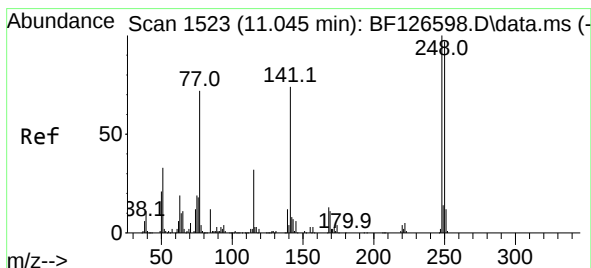
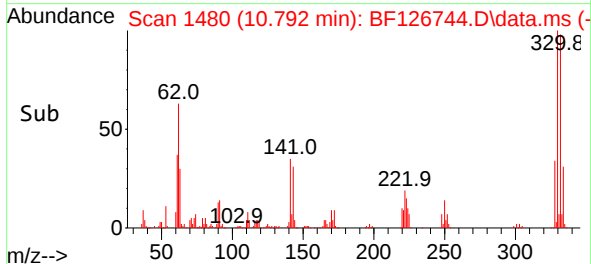
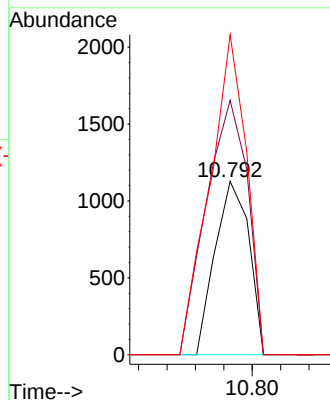
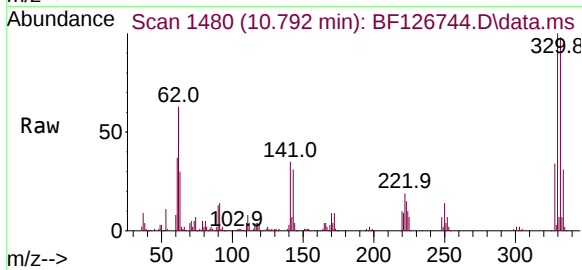
Tgt Ion:198 Resp: 934

Ion Ratio Lower Upper

198 100

51 146.9 32.0 72.0#

105 184.6 32.7 72.7#



#67

4-Bromophenyl-phenylether

Concen: 3.701 ng

RT: 10.792 min Scan# 1480

Delta R.T. -0.241 min

Lab File: BF126744.D

Acq: 31 Jan 2022 12:05

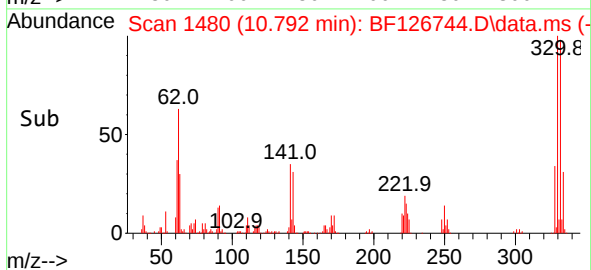
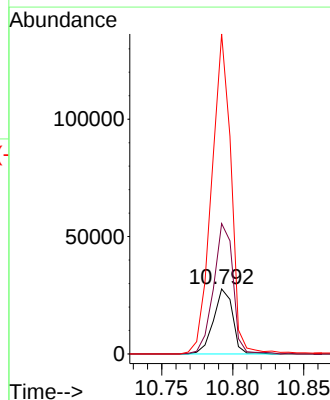
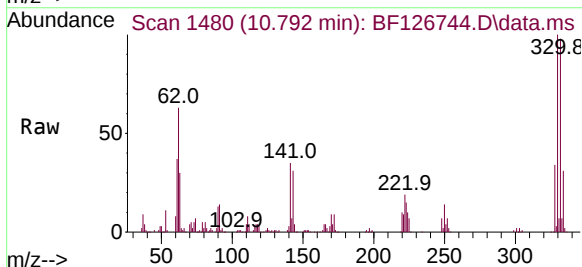
Tgt Ion:248 Resp: 26101

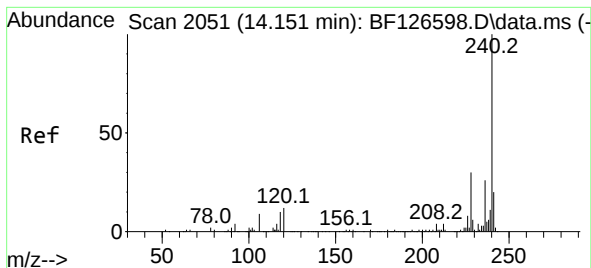
Ion Ratio Lower Upper

248 100

250 200.5 76.2 114.4#

141 492.1 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.145 min Scan# 2050

Delta R.T. 0.000 min

Lab File: BF126744.D

Acq: 31 Jan 2022 12:05

Instrument :

BNA_F

ClientSampleId :

PB142315TB

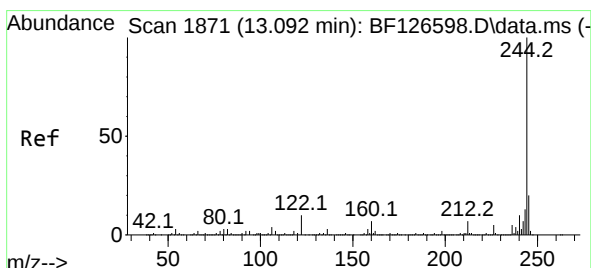
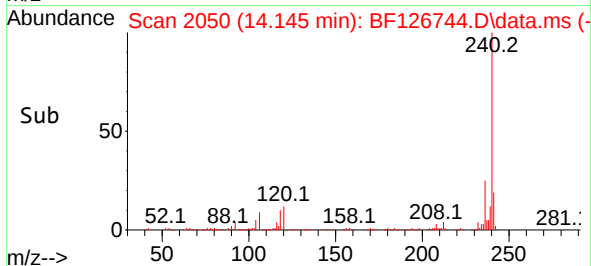
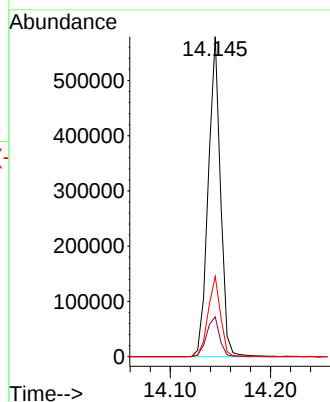
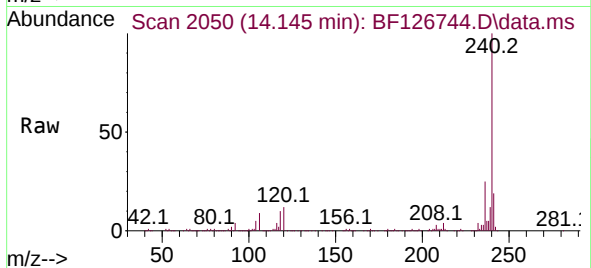
Tgt Ion:240 Resp: 493571

Ion Ratio Lower Upper

240 100

120 12.5 14.4 21.6#

236 25.1 20.5 30.7



#79

Terphenyl-d14

Concen: 70.395 ng

RT: 13.086 min Scan# 1870

Delta R.T. 0.006 min

Lab File: BF126744.D

Acq: 31 Jan 2022 12:05

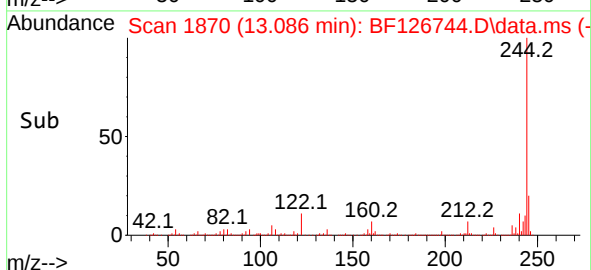
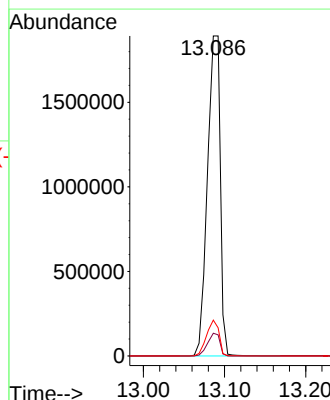
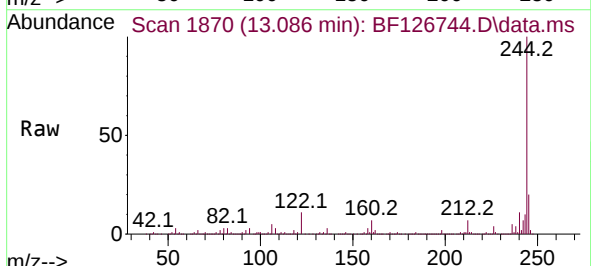
Tgt Ion:244 Resp: 2071539

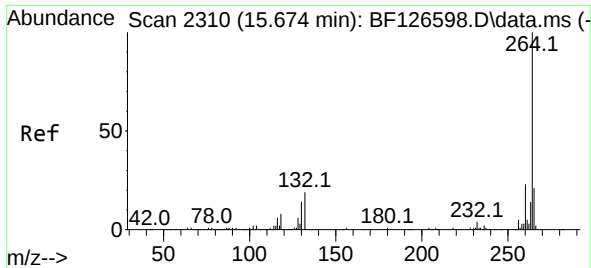
Ion Ratio Lower Upper

244 100

212 7.1 5.0 7.4

122 11.2 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF126744.D
 Acq: 31 Jan 2022 12:05

Instrument :
 BNA_F
 ClientSampleId :
 PB142315TB

Tgt Ion:264 Resp: 373751
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 20.5 17.4 26.2

