

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134165.D
 Acq On : 09 Jul 2023 01:45
 Operator : CG\JU
 Sample : PB153669TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 04:18:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

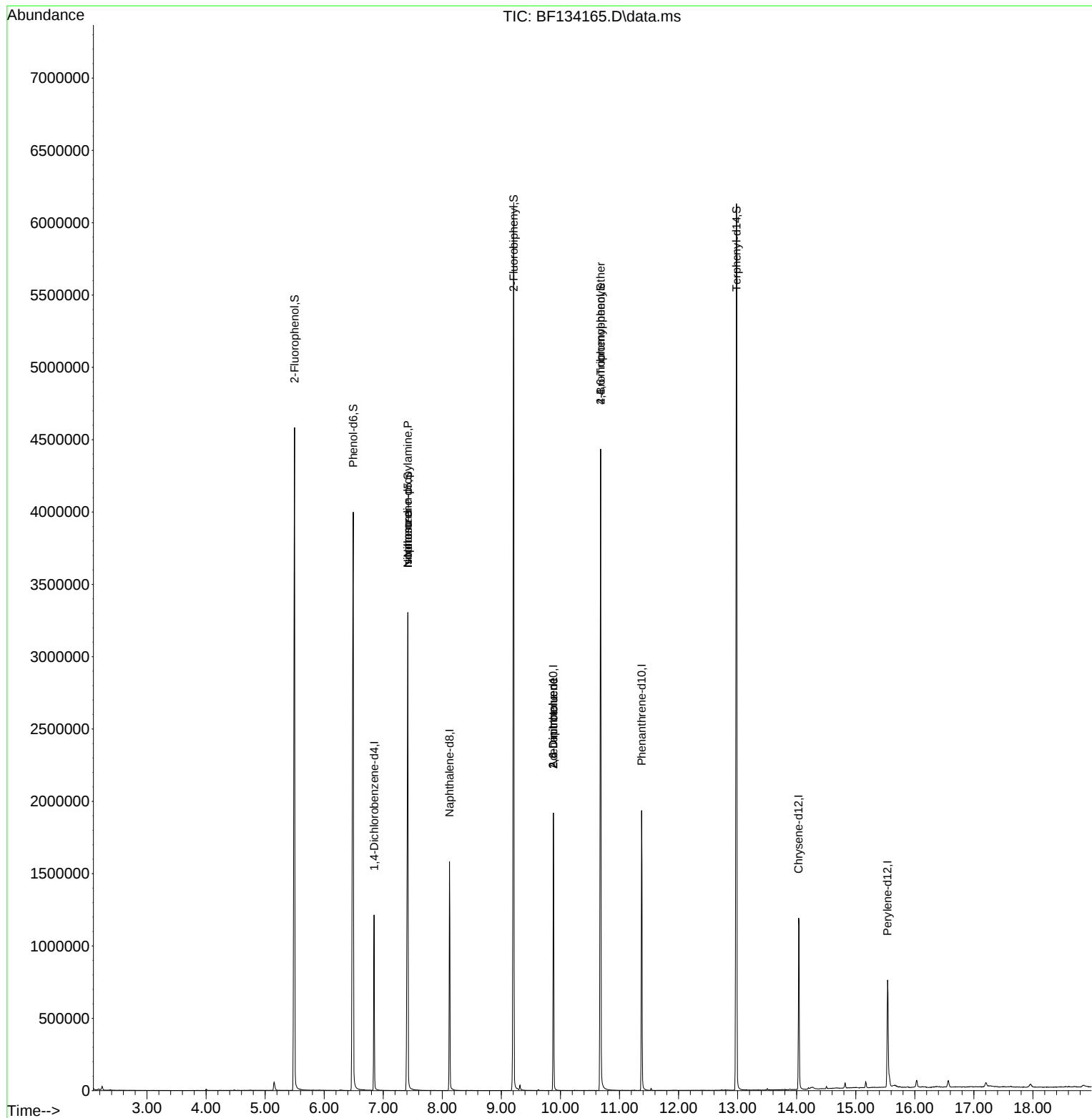
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	168756	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	686022	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	374818	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	765568	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	443503	20.000	ng	#-0.02
86) Perylene-d12	15.539	264	388126	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1379790	136.770	ng	0.01
7) Phenol-d6	6.492	99	1689233	136.154	ng	0.00
23) Nitrobenzene-d5	7.416	82	1196864	94.046	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	650719	138.467	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2199580	85.320	ng	0.00
79) Terphenyl-d14	12.980	244	2807219	101.871	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.492	77	3191	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	170296	21.644	ng	# 77
25) Isophorone	7.416	82	1196858	51.746	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	47228	8.059	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	47228	6.102	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	38882	4.778	ng	# 1

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

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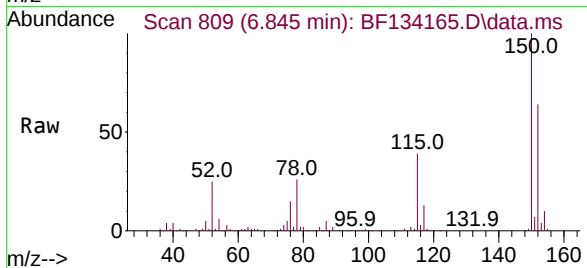
Quant Time: Jul 09 04:18:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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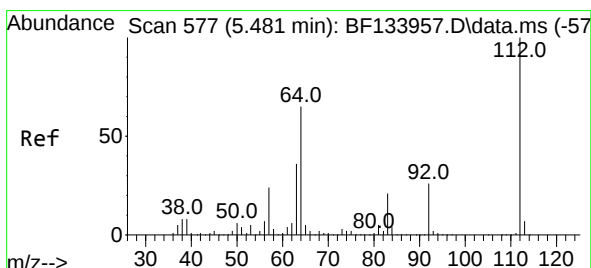
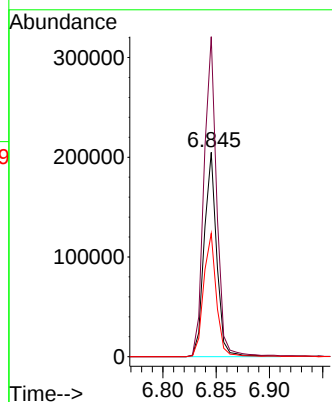
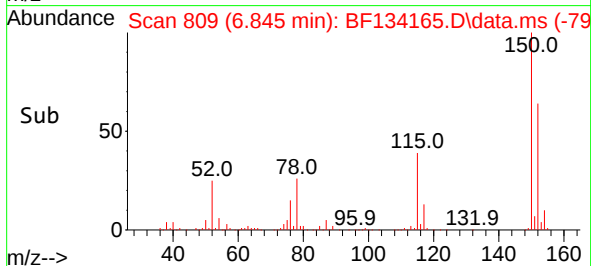


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134165.D
Acq: 09 Jul 2023 01:45

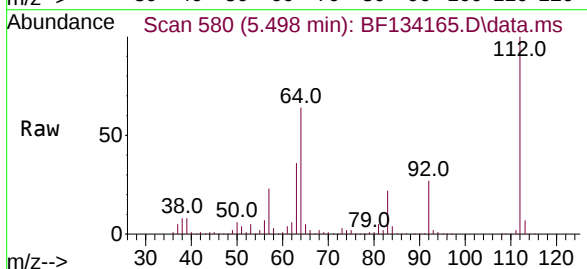
Instrument :
BNA_F
ClientSampleId :



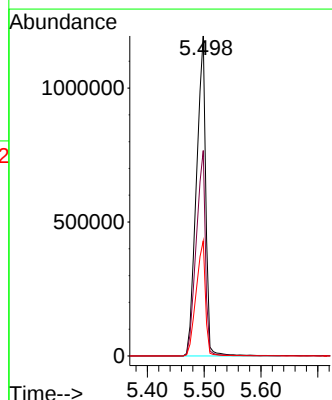
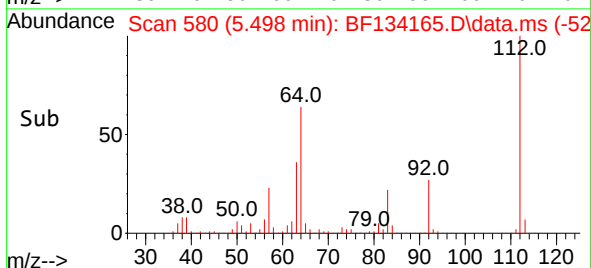
Tgt Ion:152 Resp: 168756
Ion Ratio Lower Upper
152 100
150 156.6 124.5 186.7
115 60.3 50.2 75.2

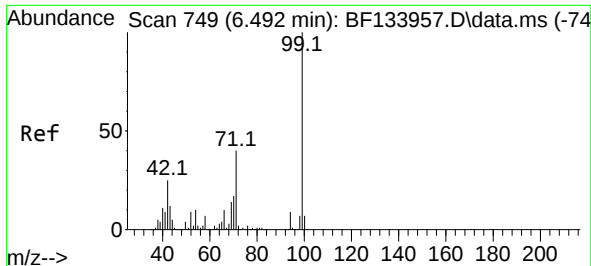


#5
2-Fluorophenol
Concen: 136.770 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134165.D
Acq: 09 Jul 2023 01:45



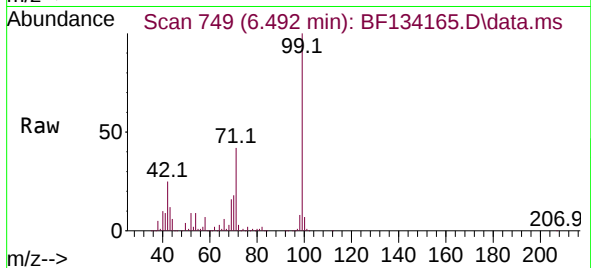
Tgt Ion:112 Resp: 1379790
Ion Ratio Lower Upper
112 100
64 64.2 52.1 78.1
63 36.0 28.6 42.8





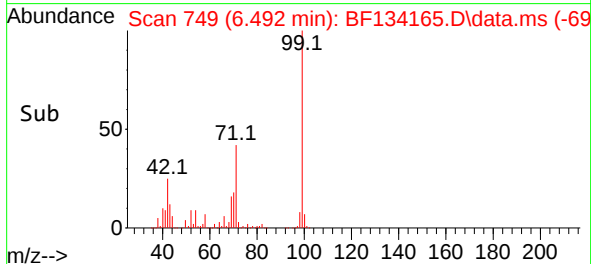
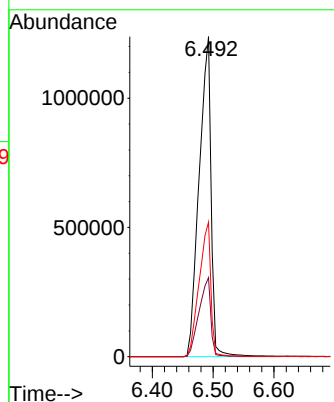
#7
Phenol-d6
Concen: 136.154 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134165.D
Acq: 09 Jul 2023 01:45

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1689233

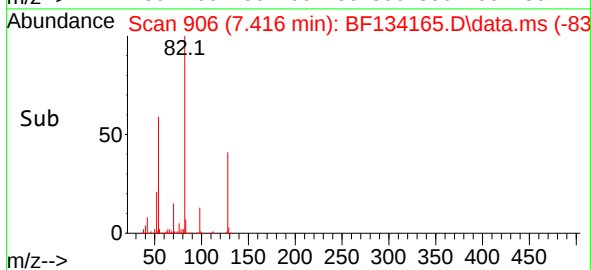
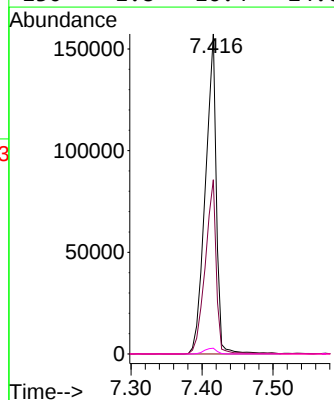
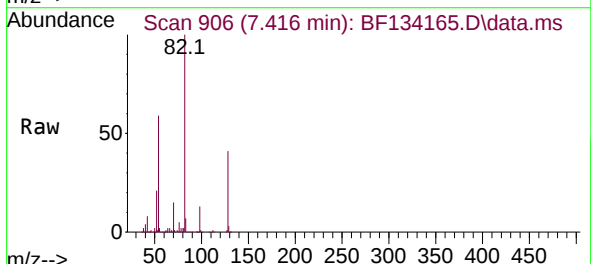
Ion	Ratio	Lower	Upper
99	100		
42	24.7	19.8	29.6
71	42.0	31.9	47.9

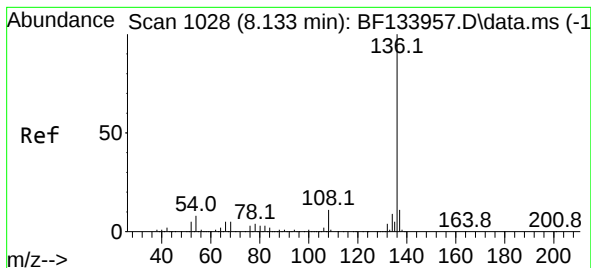


#19
n-Nitroso-di-n-propylamine
Concen: 21.644 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF134165.D
Acq: 09 Jul 2023 01:45

Tgt Ion: 70 Resp: 170296

Ion	Ratio	Lower	Upper
70	100		
42	54.5	54.7	82.1#
101	0.0	7.7	11.5#
130	1.8	16.4	24.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1026

Delta R.T. -0.012 min

Lab File: BF134165.D

Acq: 09 Jul 2023 01:45

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 686022

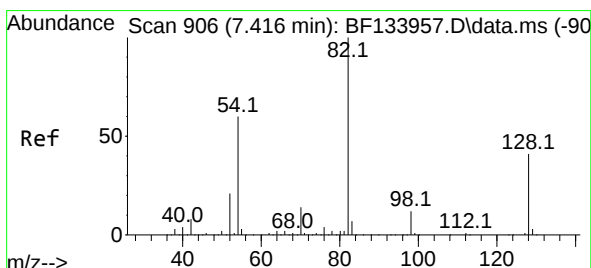
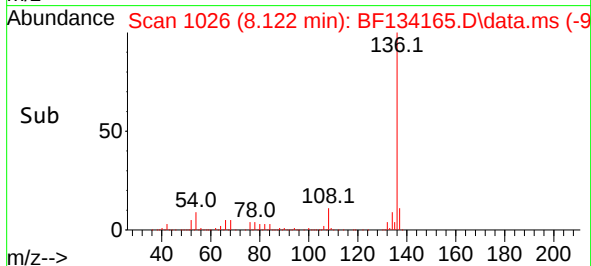
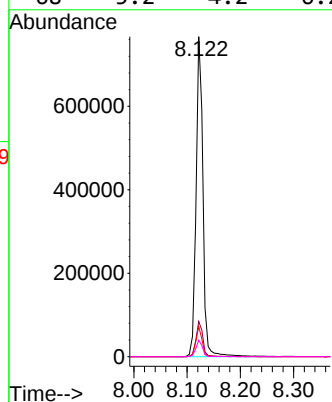
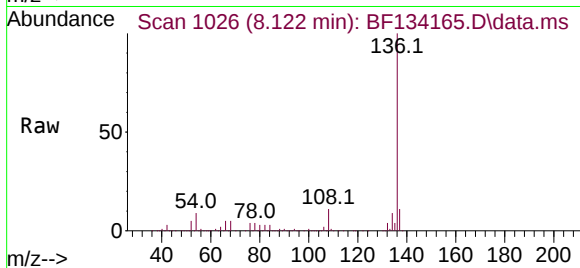
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 9.4 6.5 9.7

68 5.2 4.2 6.2



#23

Nitrobenzene-d5

Concen: 94.046 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134165.D

Acq: 09 Jul 2023 01:45

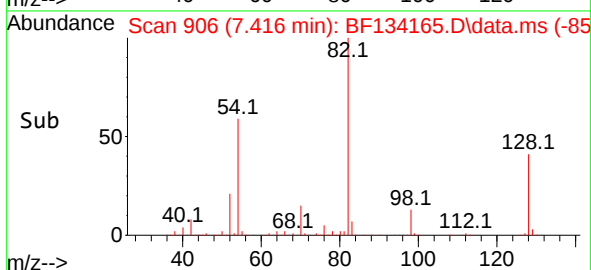
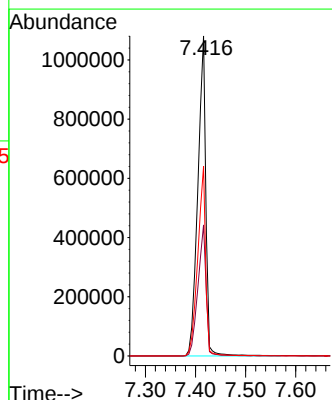
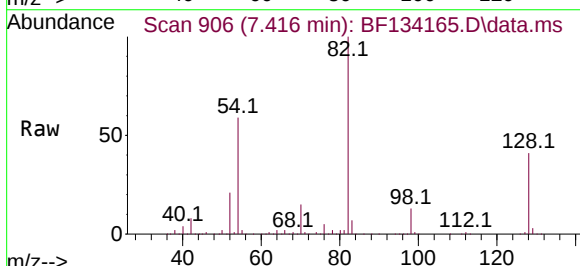
Tgt Ion: 82 Resp: 1196864

Ion Ratio Lower Upper

82 100

128 41.0 32.5 48.7

54 59.3 48.2 72.2

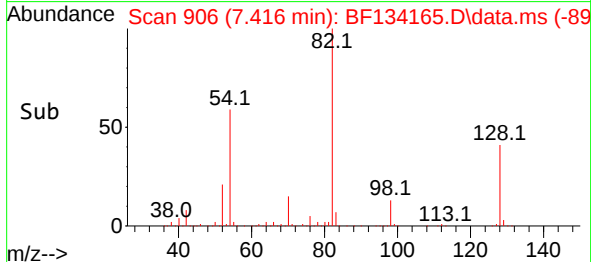
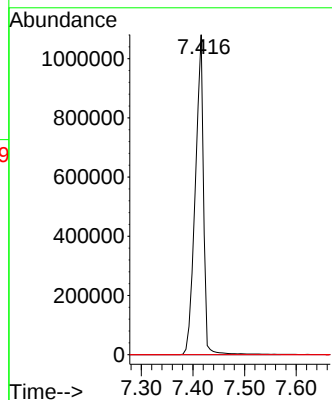
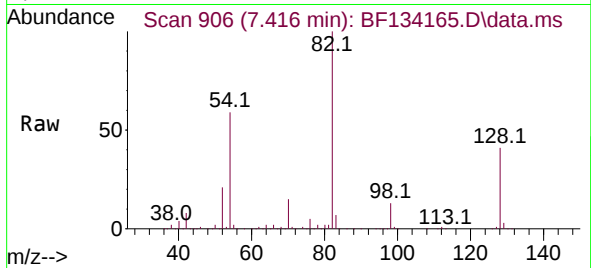




#25
Isophorone
Concen: 51.746 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134165.D
Acq: 09 Jul 2023 01:45

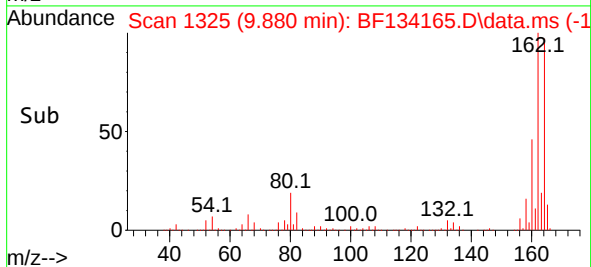
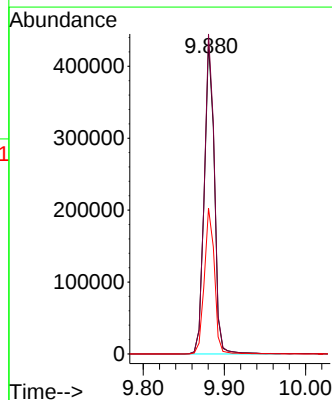
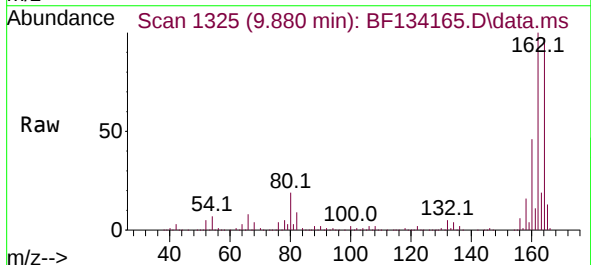
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1196858
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134165.D
Acq: 09 Jul 2023 01:45

Tgt Ion:164 Resp: 374818
Ion Ratio Lower Upper
164 100
162 103.0 80.0 120.0
160 46.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 138.467 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.006 min

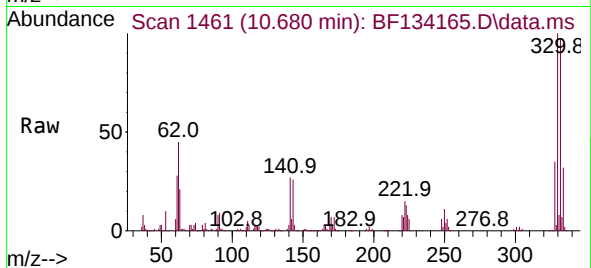
Lab File: BF134165.D

Acq: 09 Jul 2023 01:45

Instrument :

BNA_F

ClientSampleId :



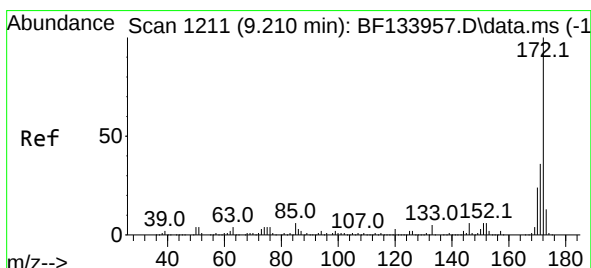
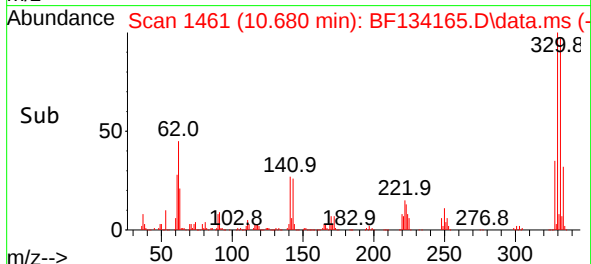
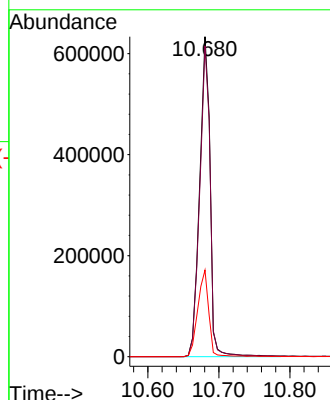
Tgt Ion:330 Resp: 650719

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

141 28.5 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 85.320 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.000 min

Lab File: BF134165.D

Acq: 09 Jul 2023 01:45

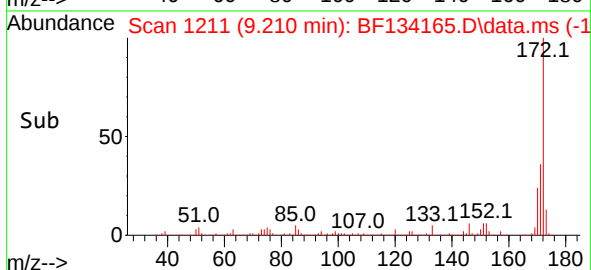
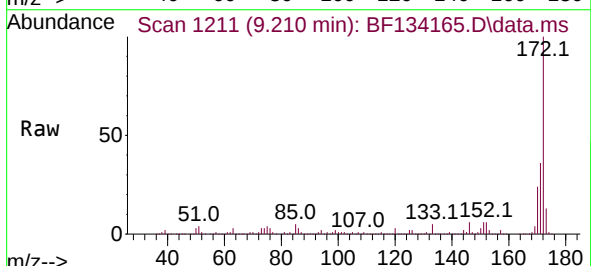
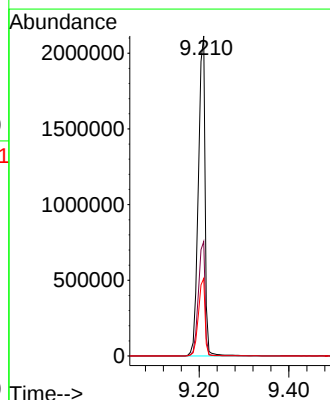
Tgt Ion:172 Resp: 2199580

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.2 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.059 ng

RT: 9.880 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF134165.D

Acq: 09 Jul 2023 01:45

Instrument :

BNA_F

ClientSampleId :

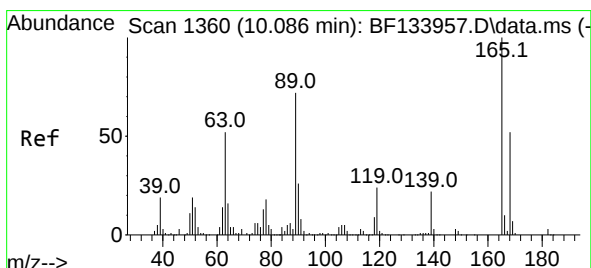
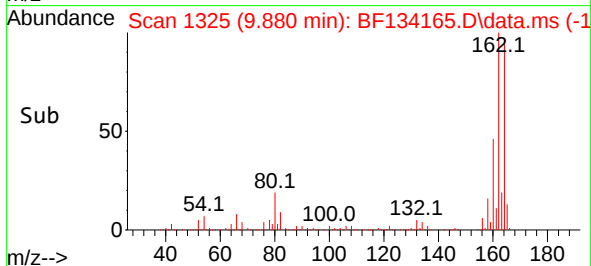
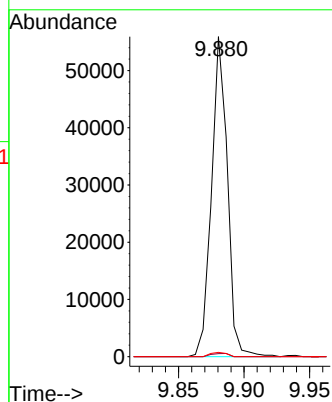
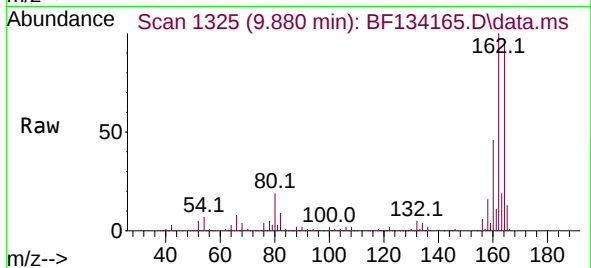
Tgt Ion:165 Resp: 47228

Ion Ratio Lower Upper

165 100

63 1.0 48.5 72.7#

89 1.4 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.102 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.206 min

Lab File: BF134165.D

Acq: 09 Jul 2023 01:45

Tgt Ion:165 Resp: 47228

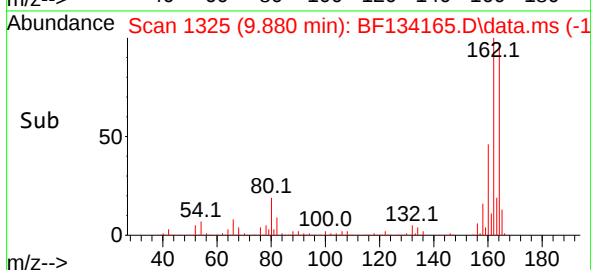
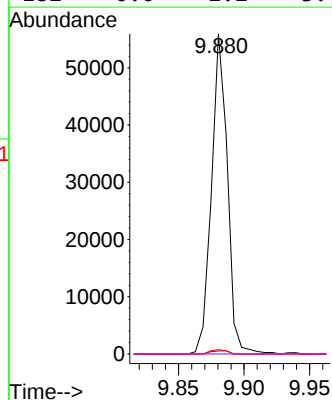
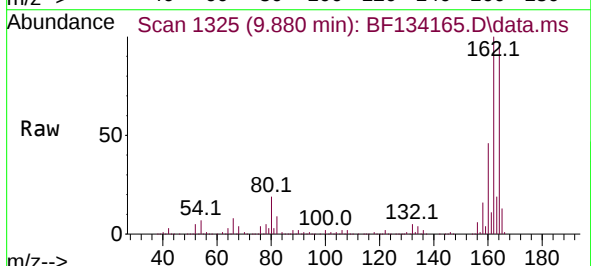
Ion Ratio Lower Upper

165 100

63 1.0 42.2 63.2#

89 1.4 57.4 86.2#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134165.D

Acq: 09 Jul 2023 01:45

Instrument :

BNA_F

ClientSampleId :

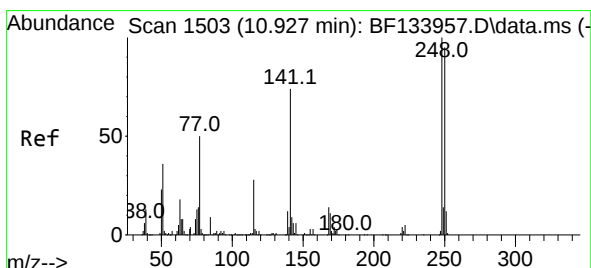
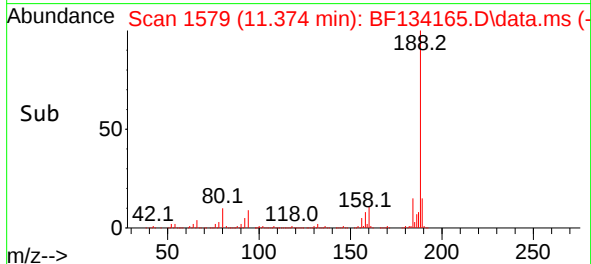
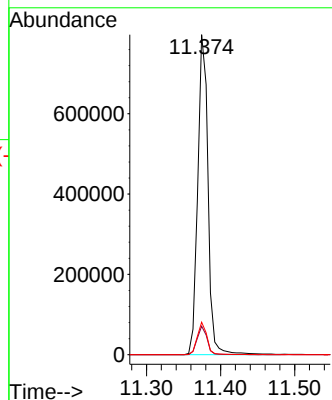
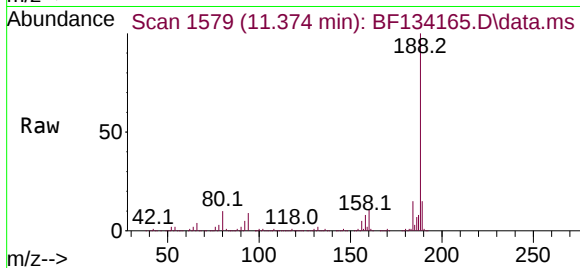
Tgt Ion:188 Resp: 765568

Ion Ratio Lower Upper

188 100

94 8.9 6.4 9.6

80 10.1 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.778 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.247 min

Lab File: BF134165.D

Acq: 09 Jul 2023 01:45

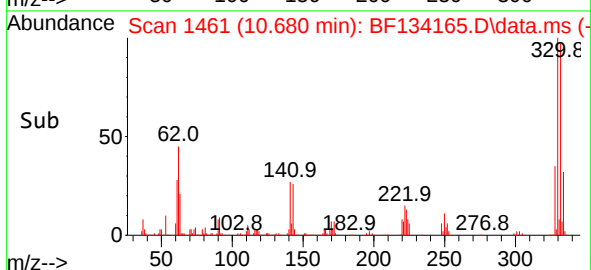
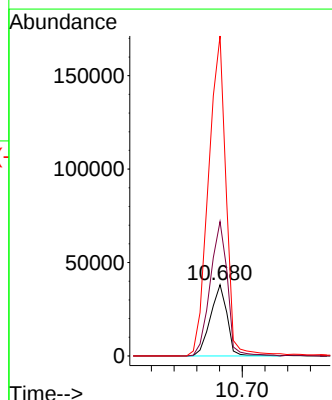
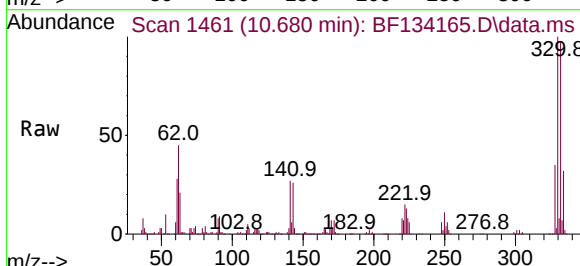
Tgt Ion:248 Resp: 38882

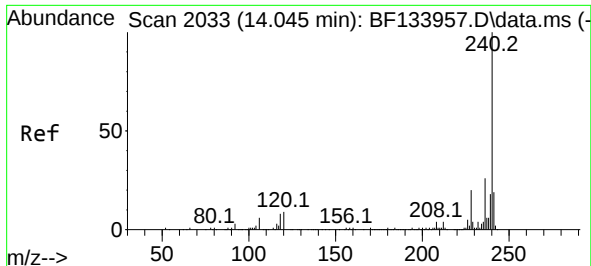
Ion Ratio Lower Upper

248 100

250 188.9 76.2 114.4#

141 449.8 59.0 88.4#

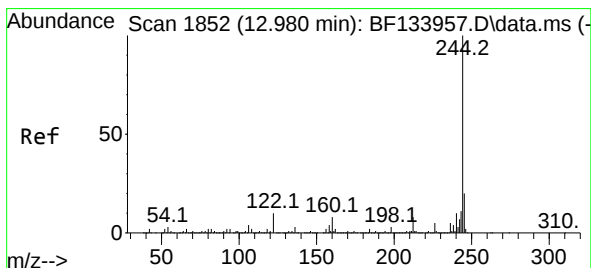
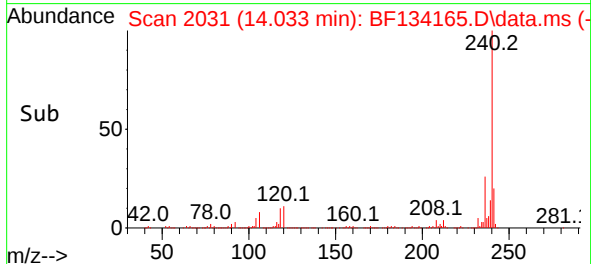
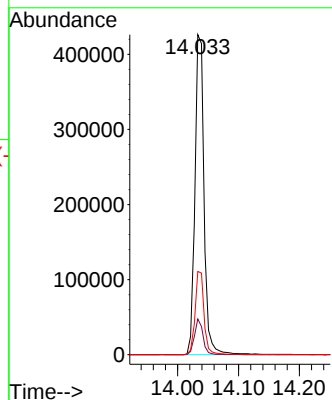
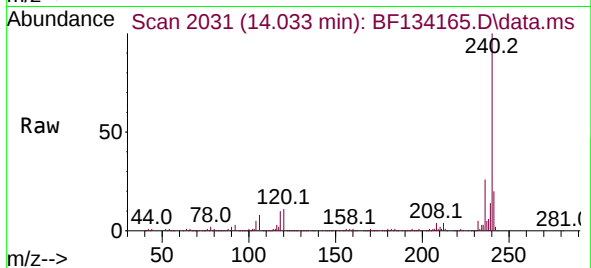




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.018 min
Lab File: BF134165.D
Acq: 09 Jul 2023 01:45

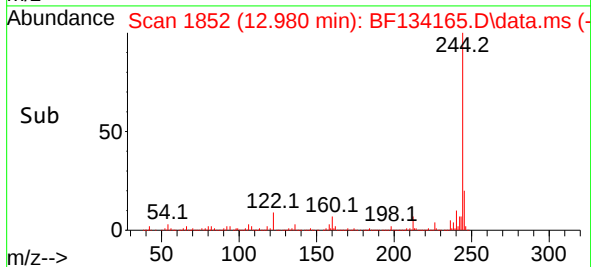
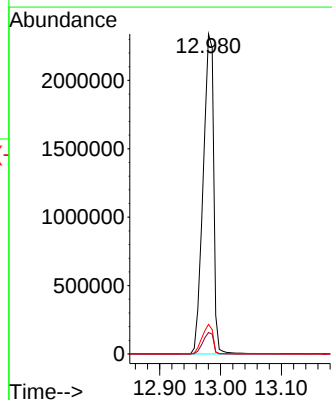
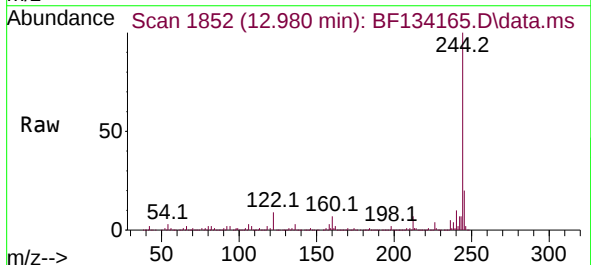
Instrument :
BNA_F
ClientSampleId :

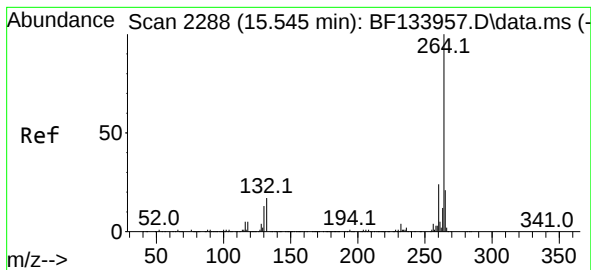
Tgt Ion:240 Resp: 443503
Ion Ratio Lower Upper
240 100
120 11.2 7.4 11.0#
236 26.0 21.0 31.6



#79
Terphenyl-d14
Concen: 101.871 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF134165.D
Acq: 09 Jul 2023 01:45

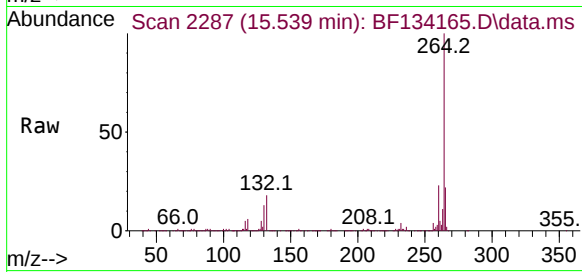
Tgt Ion:244 Resp: 2807219
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 9.3 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF134165.D
 Acq: 09 Jul 2023 01:45

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 388126
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.6 16.6 25.0

