

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132128.D
 Acq On : 18 Jan 2023 20:31
 Operator : CG\JU
 Sample : 01159-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-E

Quant Time: Jan 19 05:22:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

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

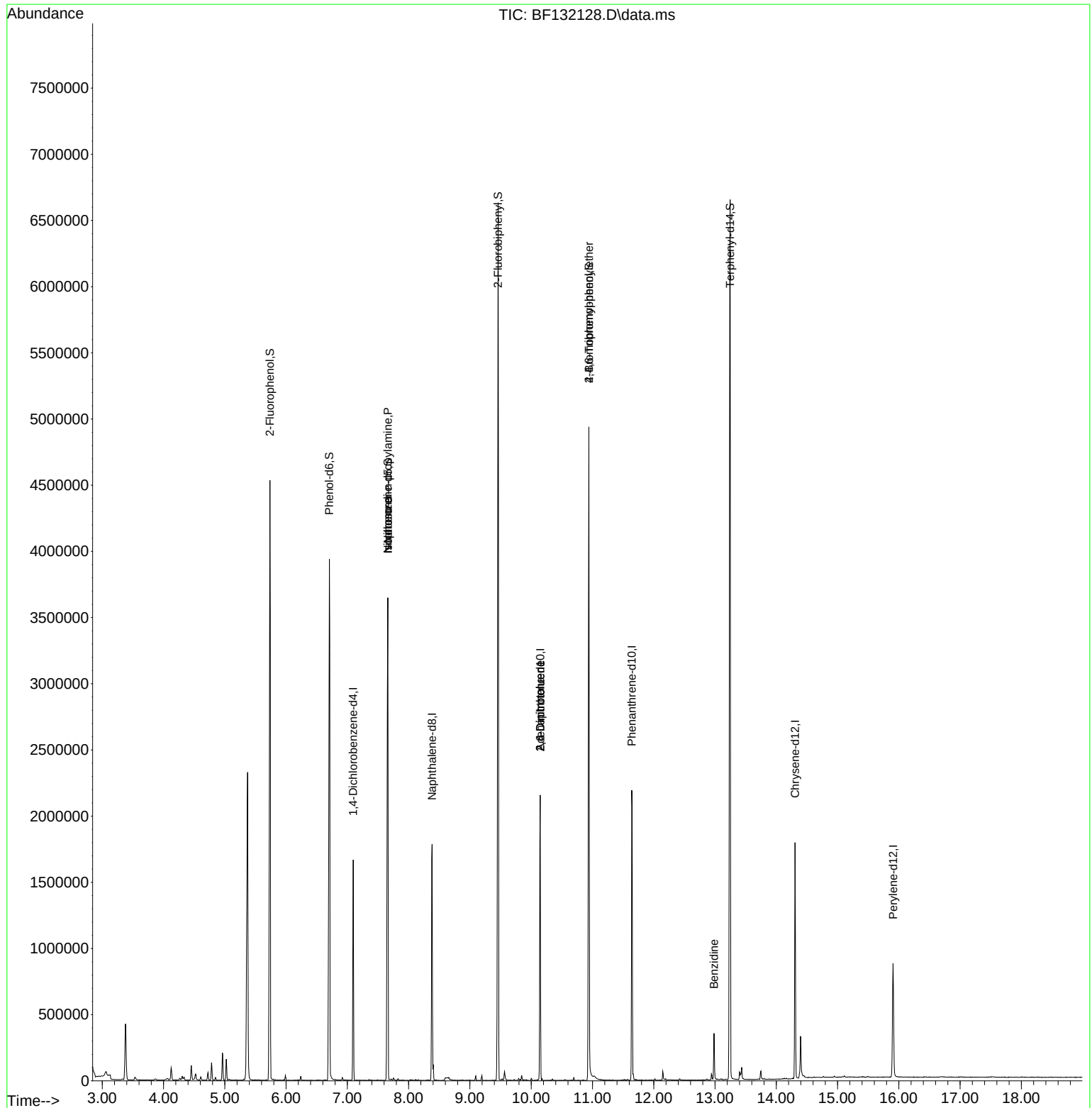
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	214363	20.000	ng	0.00
21) Naphthalene-d8	8.383	136	777090	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	419982	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	834496	20.000	ng	0.00
76) Chrysene-d12	14.307	240	583731	20.000	ng	0.00
86) Perylene-d12	15.907	264	443444	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	1329501	110.343	ng	0.02
7) Phenol-d6	6.707	99	1599794	102.779	ng	0.00
23) Nitrobenzene-d5	7.660	82	1315628	89.866	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	625663	136.158	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	2128661	88.186	ng	0.00
79) Terphenyl-d14	13.248	244	2690945	74.797	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.660	70	182315	18.631	ng	# 78
25) Isophorone	7.660	82	1314394	44.871	ng	# 66
51) 2,6-Dinitrotoluene	10.148	165	54588	8.405	ng	# 17
57) 2,4-Dinitrotoluene	10.148	165	54588	6.805	ng	# 16
67) 4-Bromophenyl-phenylether	10.942	248	39381	4.154	ng	# 1
77) Benzidine	12.983	184	129837	8.260	ng	98

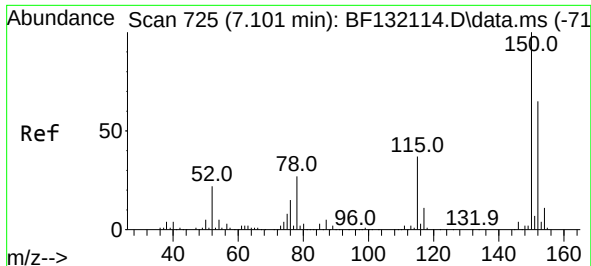
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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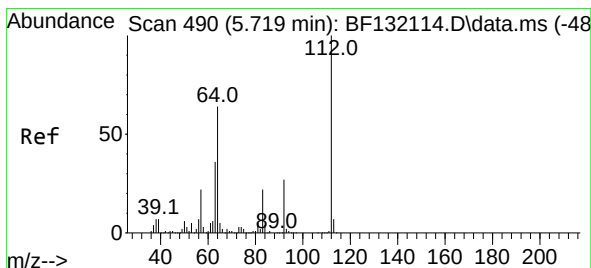
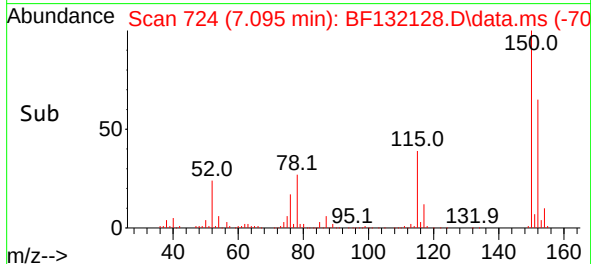
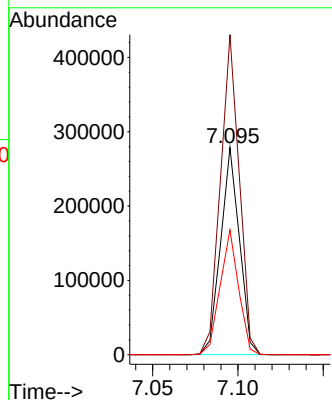
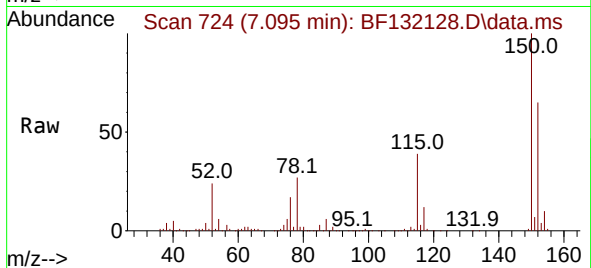




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.095 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132128.D
 Acq: 18 Jan 2023 20:31

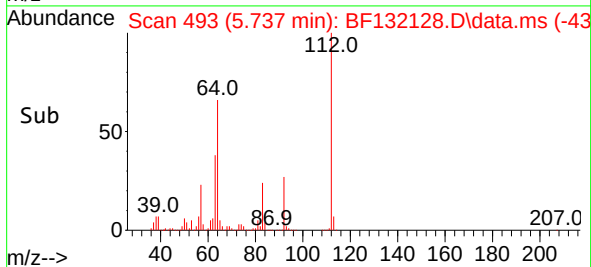
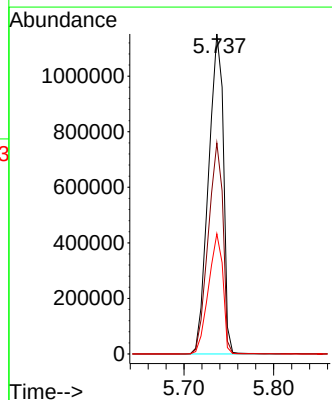
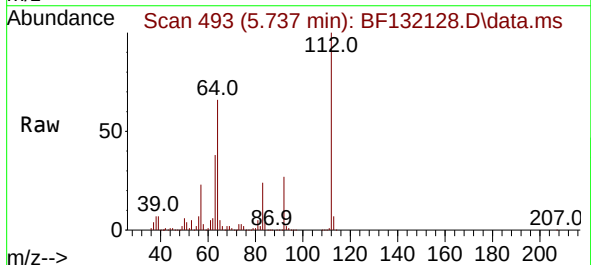
Instrument :
 BNA_F
 ClientSampleId :
 TP-E

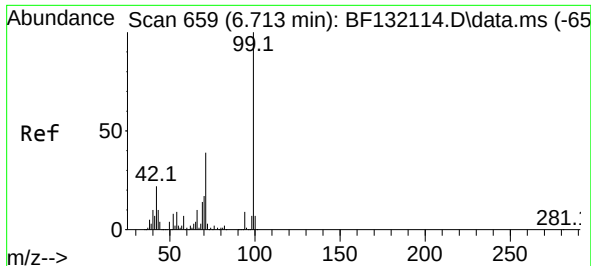
Tgt Ion:152 Resp: 214363
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.3 184.9
 115 60.1 45.8 68.6



#5
 2-Fluorophenol
 Concen: 110.343 ng
 RT: 5.737 min Scan# 493
 Delta R.T. 0.018 min
 Lab File: BF132128.D
 Acq: 18 Jan 2023 20:31

Tgt Ion:112 Resp: 1329501
 Ion Ratio Lower Upper
 112 100
 64 65.9 51.0 76.6
 63 37.5 28.7 43.1



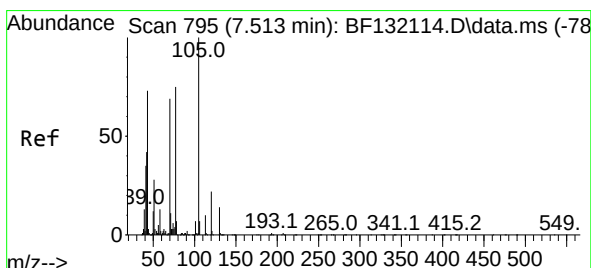
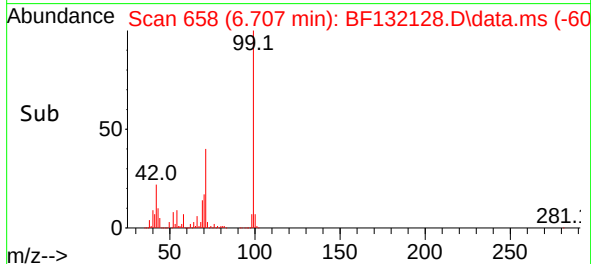
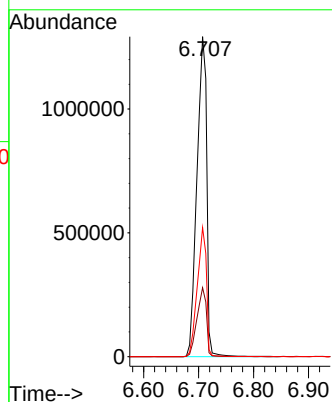
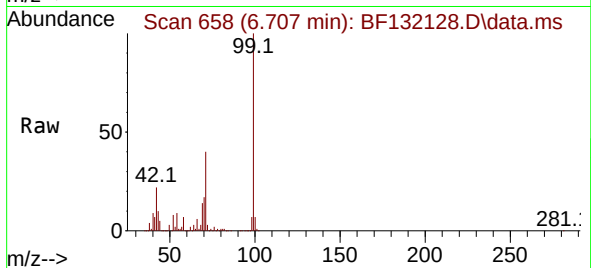


#7
Phenol-d6
Concen: 102.779 ng
RT: 6.707 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132128.D
Acq: 18 Jan 2023 20:31

Instrument :
BNA_F
ClientSampleId :
TP-E

Tgt Ion: 99 Resp: 1599794

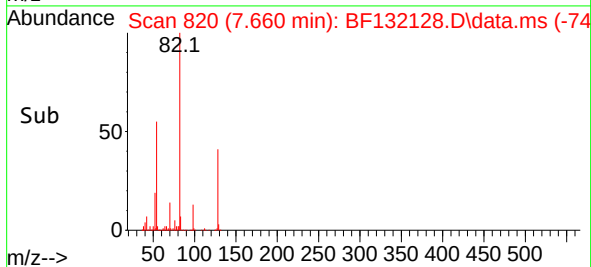
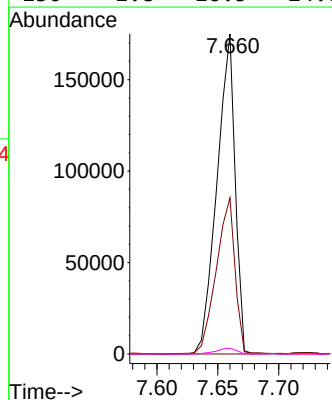
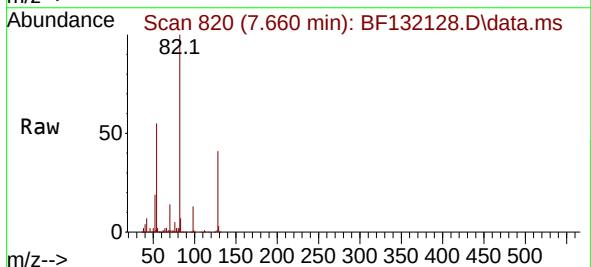
Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.2	25.8
71	40.4	31.0	46.6

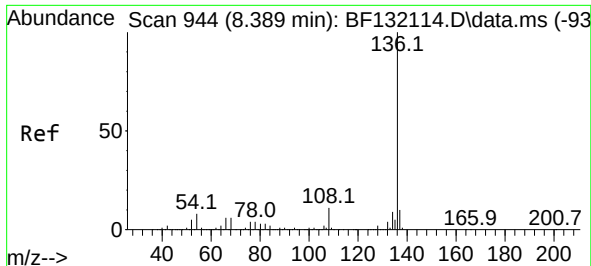


#19
n-Nitroso-di-n-propylamine
Concen: 18.631 ng
RT: 7.660 min Scan# 820
Delta R.T. 0.147 min
Lab File: BF132128.D
Acq: 18 Jan 2023 20:31

Tgt Ion: 70 Resp: 182315

Ion	Ratio	Lower	Upper
70	100		
42	48.8	48.5	72.7
101	0.0	7.8	11.8#
130	1.8	16.5	24.7#

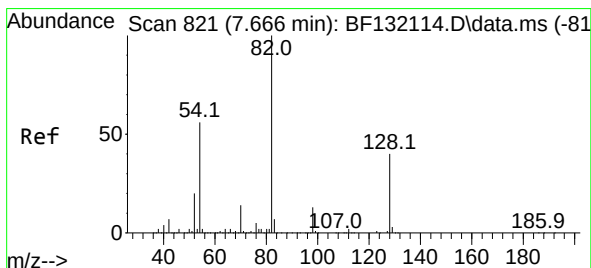
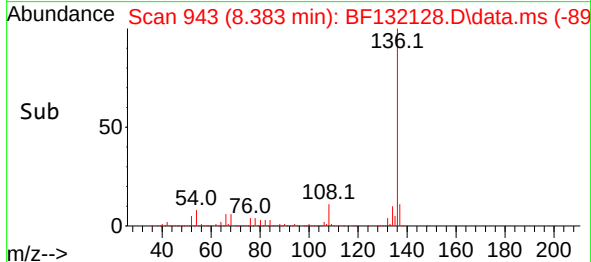
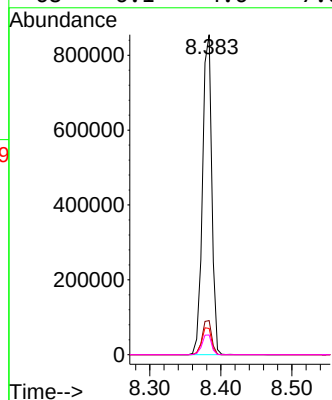
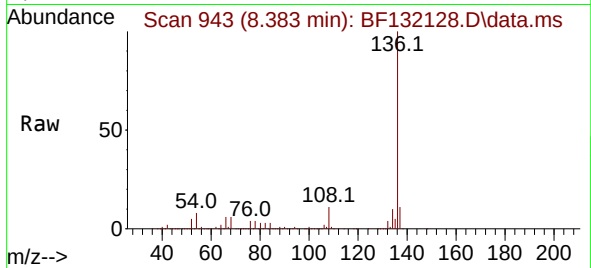




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.383 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF132128.D
Acq: 18 Jan 2023 20:31

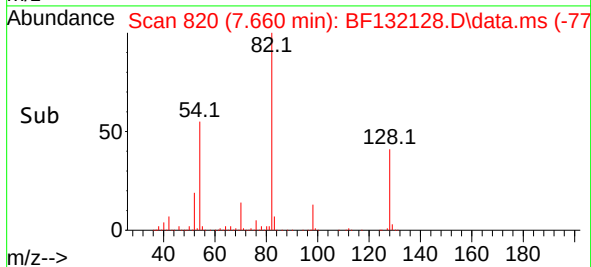
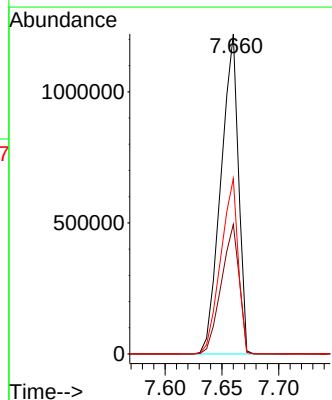
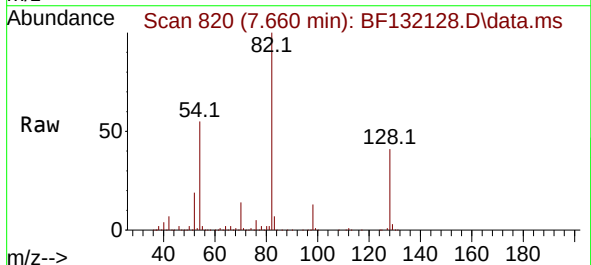
Instrument :
BNA_F
ClientSampleId :
TP-E

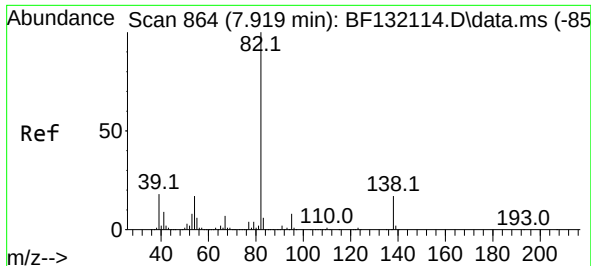
Tgt Ion:136 Resp: 777090
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 8.2 6.6 10.0
68 6.1 4.6 7.0



#23
Nitrobenzene-d5
Concen: 89.866 ng
RT: 7.660 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF132128.D
Acq: 18 Jan 2023 20:31

Tgt Ion: 82 Resp: 1315628
Ion Ratio Lower Upper
82 100
128 40.5 32.0 48.0
54 54.8 45.1 67.7

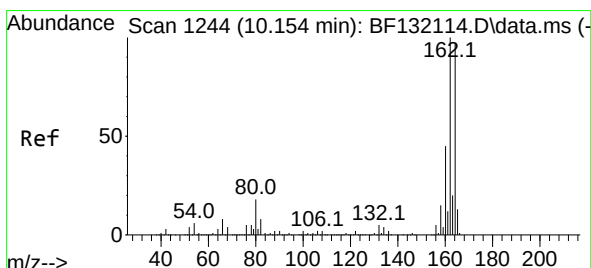
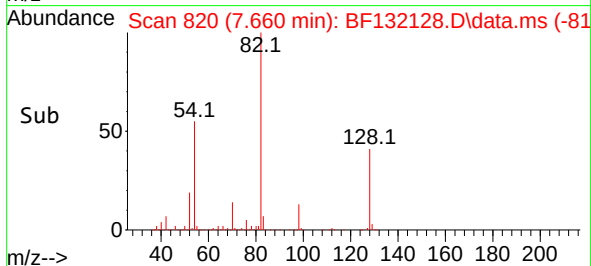
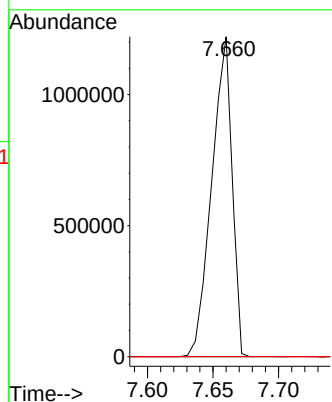
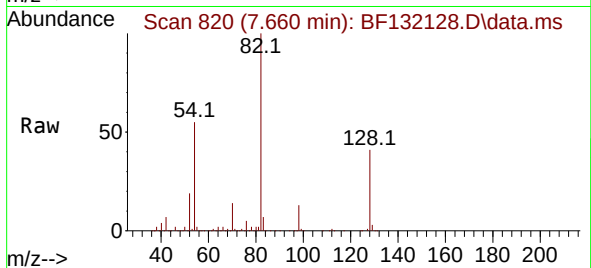




#25
Isophorone
Concen: 44.871 ng
RT: 7.660 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132128.D
Acq: 18 Jan 2023 20:31

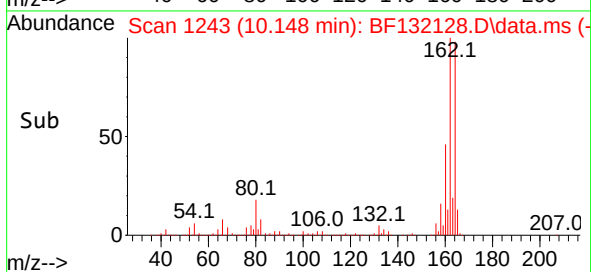
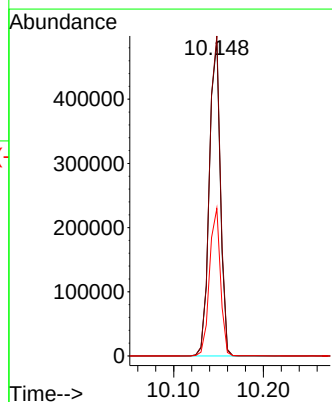
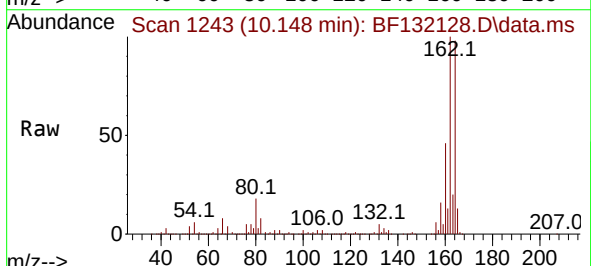
Instrument :
BNA_F
ClientSampleId :
TP-E

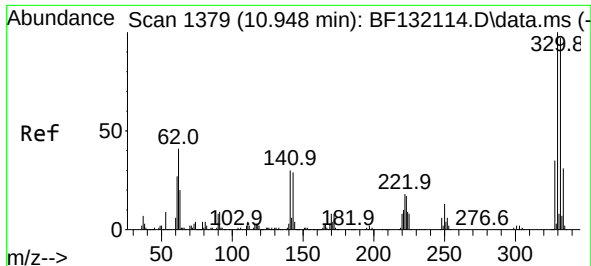
Tgt Ion: 82 Resp: 1314394
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF132128.D
Acq: 18 Jan 2023 20:31

Tgt Ion:164 Resp: 419982
Ion Ratio Lower Upper
164 100
162 101.7 82.3 123.5
160 46.9 37.3 55.9

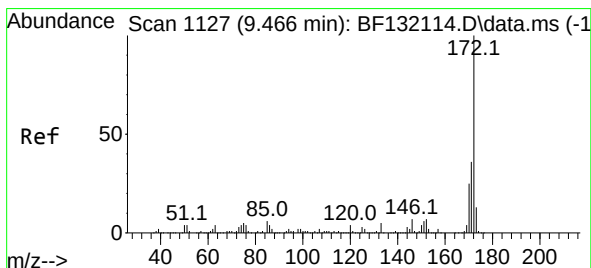
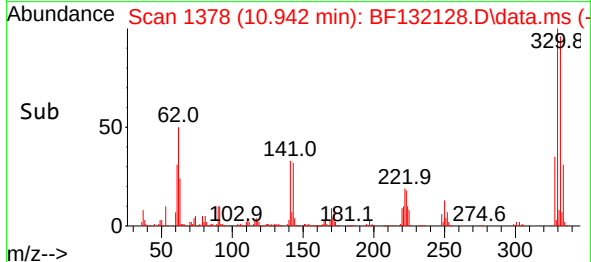
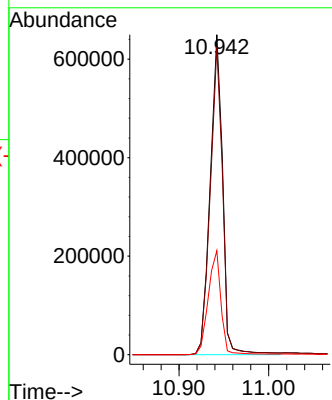
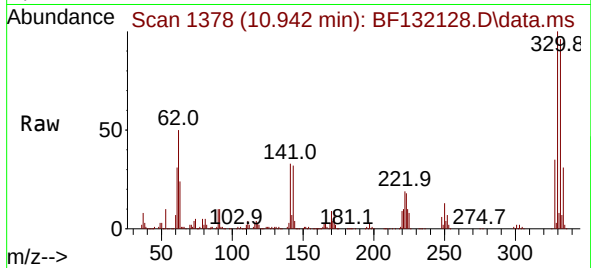




#42
2,4,6-Tribromophenol
Concen: 136.158 ng
RT: 10.942 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF132128.D
Acq: 18 Jan 2023 20:31

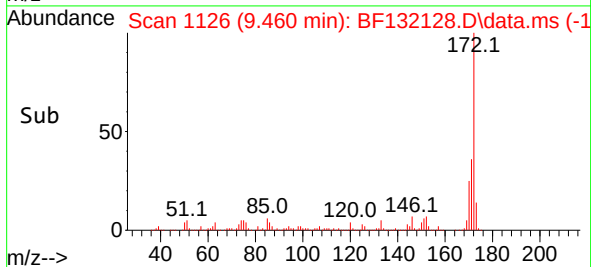
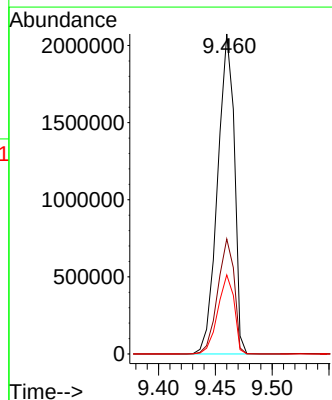
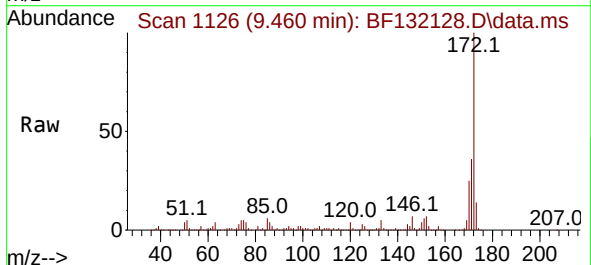
Instrument :
BNA_F
ClientSampleId :
TP-E

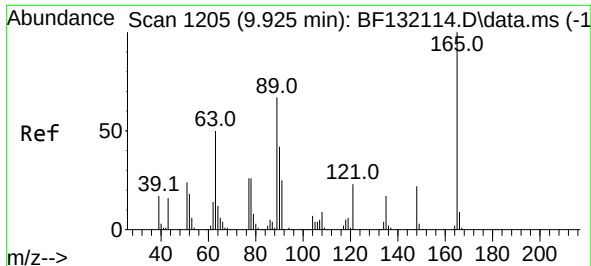
Tgt Ion:330 Resp: 625663
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 33.3 28.2 42.4



#45
2-Fluorobiphenyl
Concen: 88.186 ng
RT: 9.460 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BF132128.D
Acq: 18 Jan 2023 20:31

Tgt Ion:172 Resp: 2128661
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 24.7 19.7 29.5

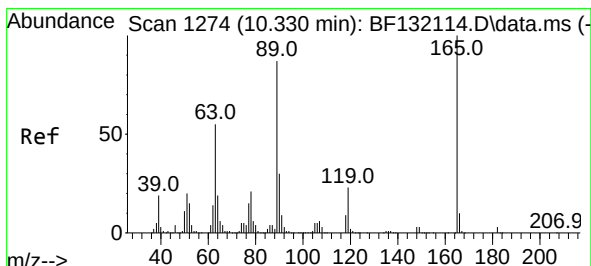
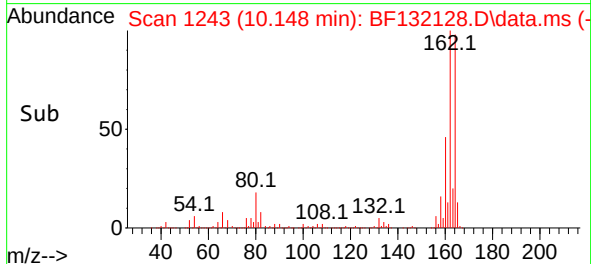
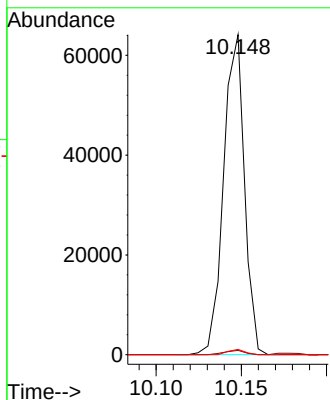
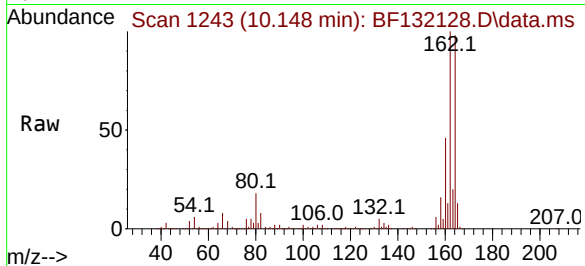




#51
2,6-Dinitrotoluene
Concen: 8.405 ng
RT: 10.148 min Scan# 1243
Delta R.T. 0.224 min
Lab File: BF132128.D
Acq: 18 Jan 2023 20:31

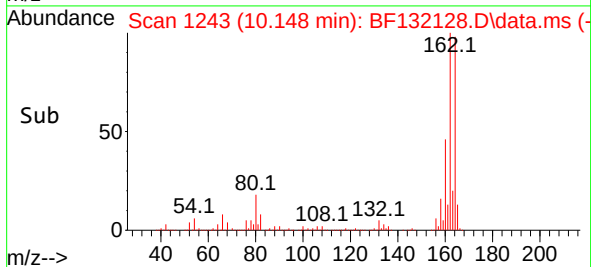
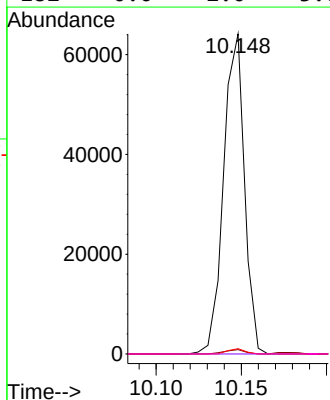
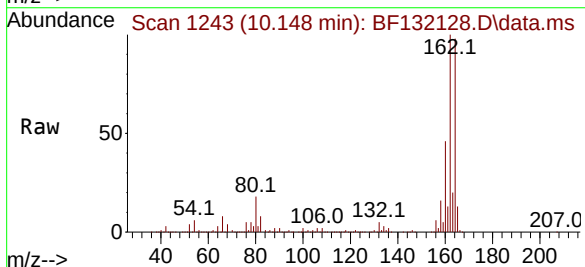
Instrument :
BNA_F
ClientSampleId :
TP-E

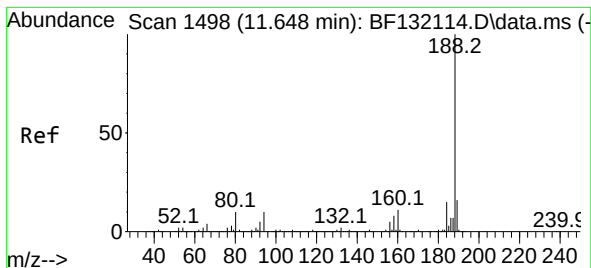
Tgt Ion:165 Resp: 54588
Ion Ratio Lower Upper
165 100
63 1.3 57.0 85.4#
89 1.7 54.0 81.0#



#57
2,4-Dinitrotoluene
Concen: 6.805 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.182 min
Lab File: BF132128.D
Acq: 18 Jan 2023 20:31

Tgt Ion:165 Resp: 54588
Ion Ratio Lower Upper
165 100
63 1.3 44.1 66.1#
89 1.7 69.3 103.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.642 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF132128.D

Acq: 18 Jan 2023 20:31

Instrument :

BNA_F

ClientSampleId :

TP-E

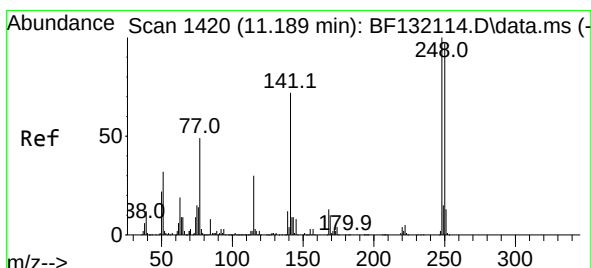
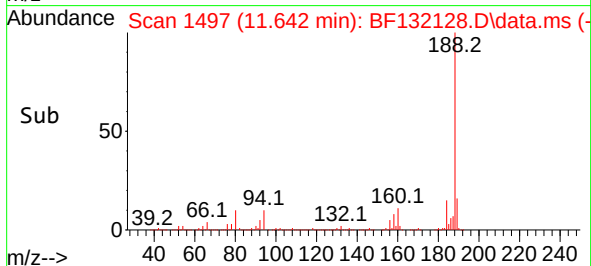
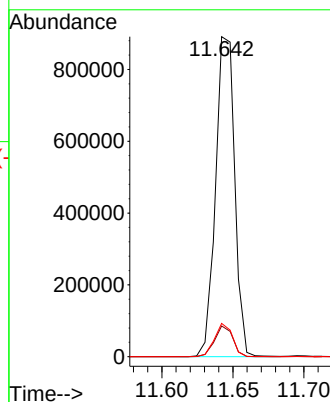
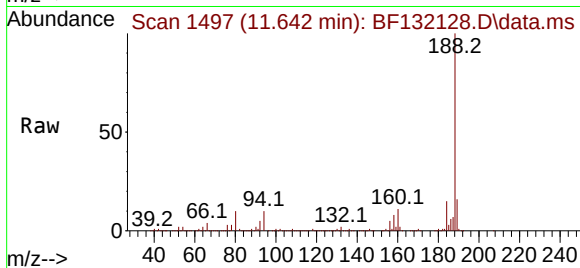
Tgt Ion:188 Resp: 834496

Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

80 10.4 8.2 12.4



#67

4-Bromophenyl-phenylether

Concen: 4.154 ng

RT: 10.942 min Scan# 1378

Delta R.T. -0.247 min

Lab File: BF132128.D

Acq: 18 Jan 2023 20:31

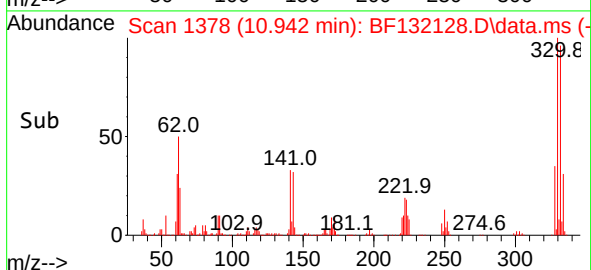
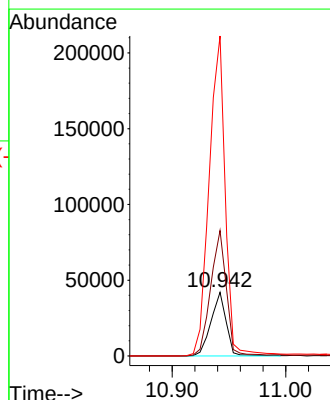
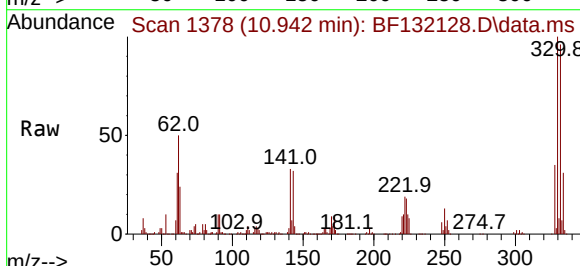
Tgt Ion:248 Resp: 39381

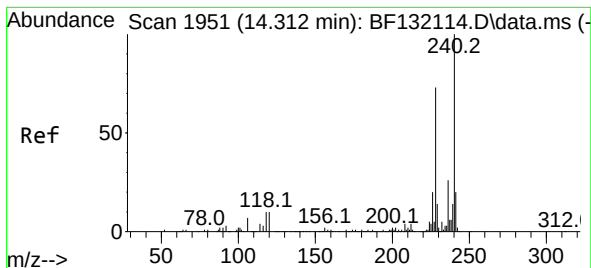
Ion Ratio Lower Upper

248 100

250 197.0 77.8 116.8#

141 502.6 57.6 86.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.307 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BF132128.D

Acq: 18 Jan 2023 20:31

Instrument :

BNA_F

ClientSampleId :

TP-E

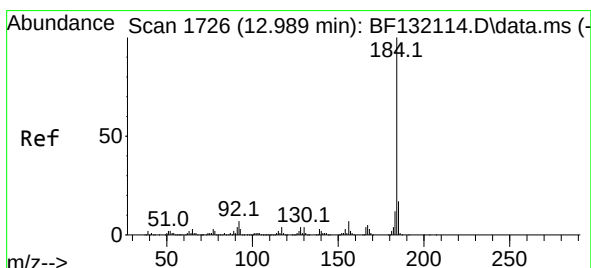
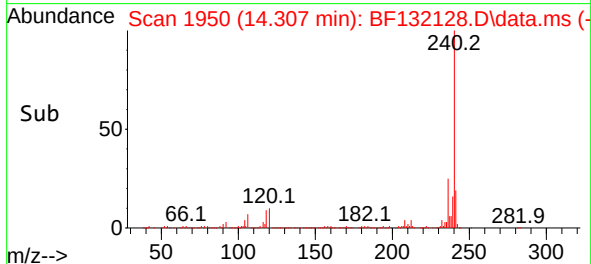
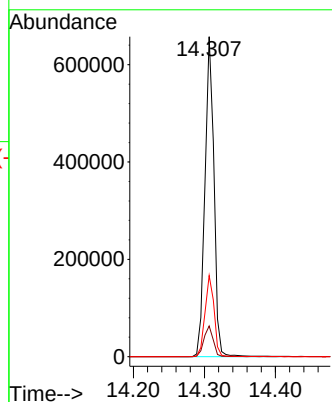
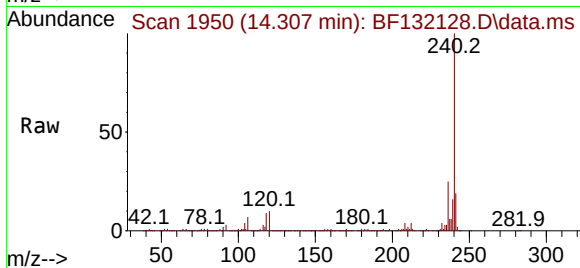
Tgt Ion:240 Resp: 583731

Ion Ratio Lower Upper

240 100

120 9.6 8.2 12.4

236 25.3 21.2 31.8



#77

Benzidine

Concen: 8.260 ng

RT: 12.983 min Scan# 1725

Delta R.T. -0.006 min

Lab File: BF132128.D

Acq: 18 Jan 2023 20:31

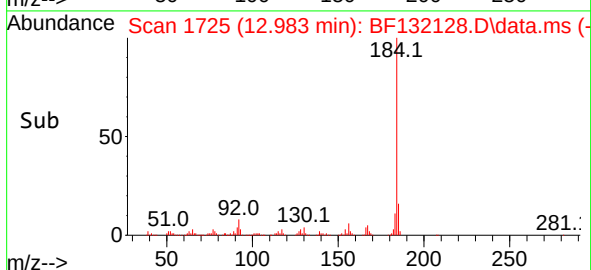
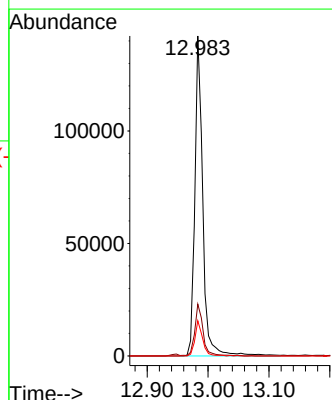
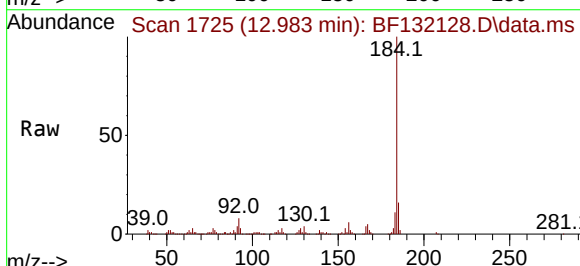
Tgt Ion:184 Resp: 129837

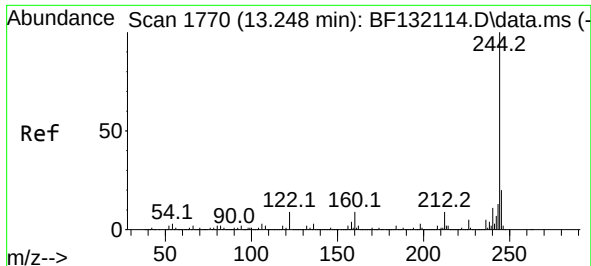
Ion Ratio Lower Upper

184 100

185 16.2 13.7 20.5

183 11.0 9.4 14.0

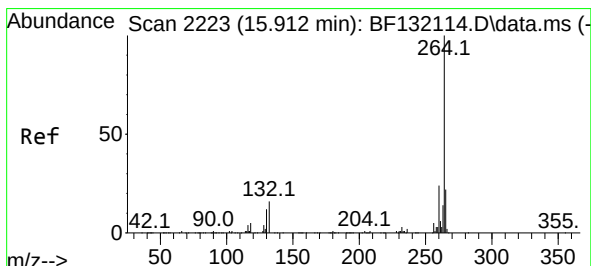
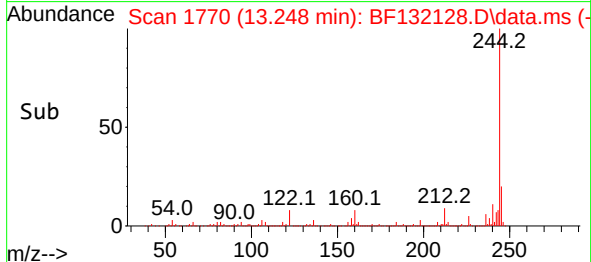
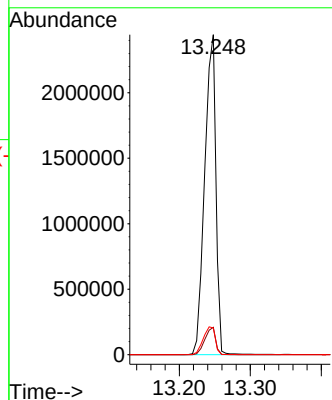
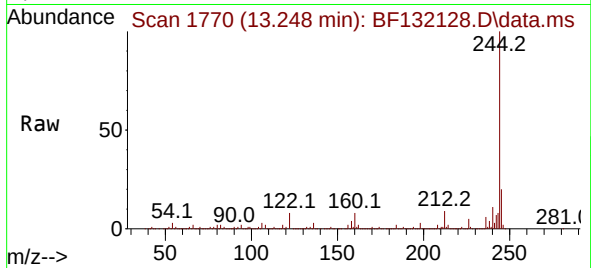




#79
 Terphenyl-d14
 Concen: 74.797 ng
 RT: 13.248 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132128.D
 Acq: 18 Jan 2023 20:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-E

Tgt Ion:244 Resp: 2690945
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.9 10.3
 122 8.4 7.0 10.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.907 min Scan# 2222
 Delta R.T. -0.006 min
 Lab File: BF132128.D
 Acq: 18 Jan 2023 20:31

Tgt Ion:264 Resp: 443444
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 22.2 17.5 26.3

