

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133698.D
 Acq On : 10 Jun 2023 04:06
 Operator : CG\JU
 Sample : 03096-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-24-0A

Quant Time: Jun 10 04:28:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 15:37:41 2023
 Response via : Initial Calibration

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

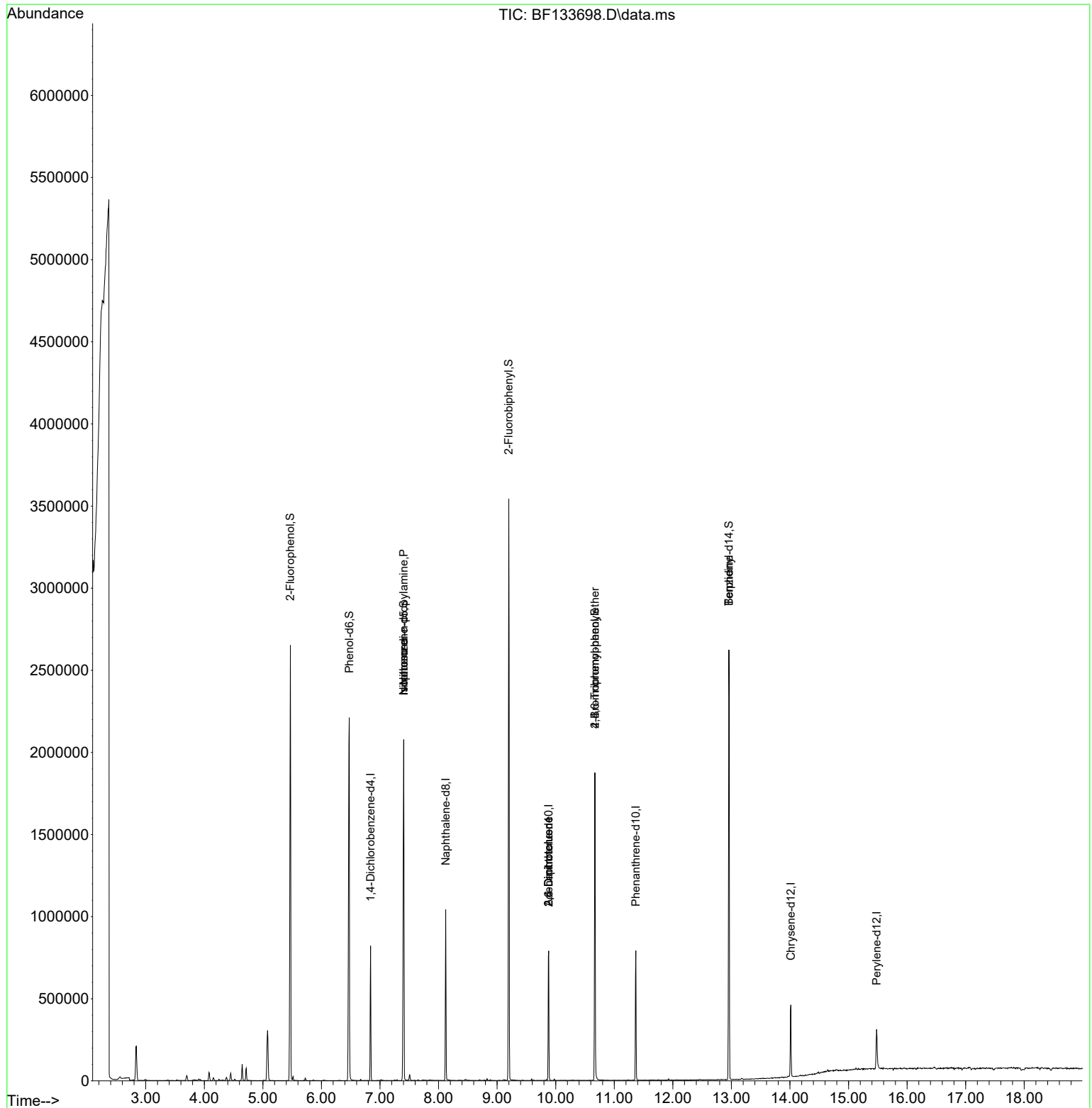
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	104696	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	392310	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	159356	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	276997	20.000	ng	0.00
76) Chrysene-d12	14.015	240	148556	20.000	ng	0.00
86) Perylene-d12	15.480	264	120408	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	702770	116.858	ng	0.02
7) Phenol-d6	6.475	99	772704	98.709	ng	0.00
23) Nitrobenzene-d5	7.404	82	636082	88.311	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	223857	110.976	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1076023	95.985	ng	0.00
79) Terphenyl-d14	12.957	244	958987	99.887	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	89466	17.963	ng	# 76
25) Isophorone	7.404	82	634357	47.972	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	19980	8.138	ng	# 28
57) 2,4-Dinitrotoluene	9.880	165	19980	6.399	ng	# 20
67) 4-Bromophenyl-phenylether	10.669	248	13633	4.410	ng	# 1
77) Benzydine	12.957	184	13447	2.698	ng	# 95

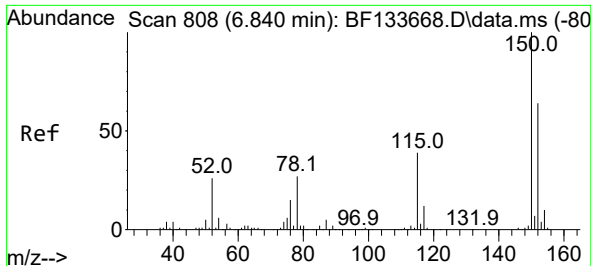
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133698.D
Acq On : 10 Jun 2023 04:06
Operator : CG\JU
Sample : 03096-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-24-0A

Quant Time: Jun 10 04:28:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 09 15:37:41 2023
Response via : Initial Calibration

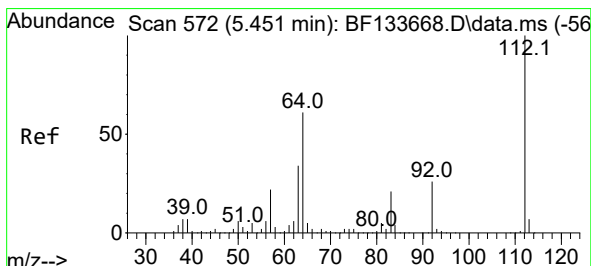
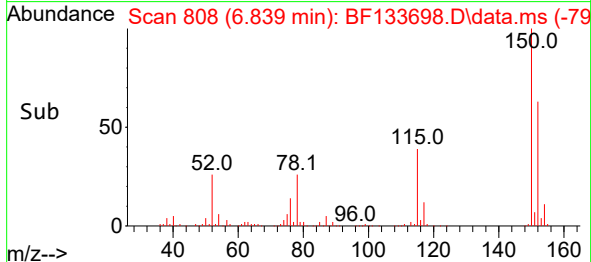
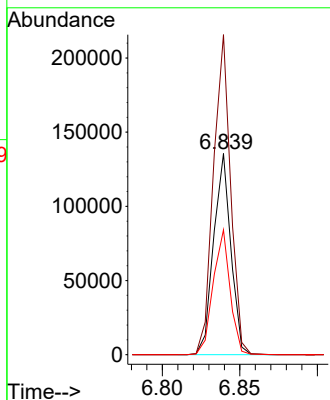
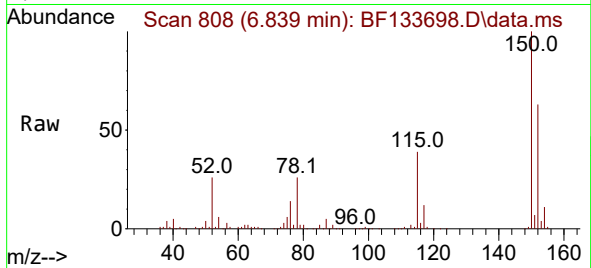




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF133698.D
Acq: 10 Jun 2023 04:06

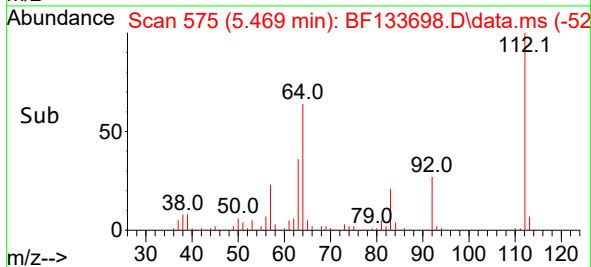
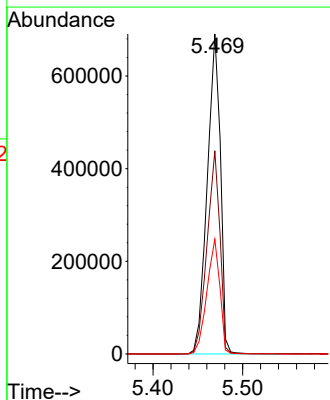
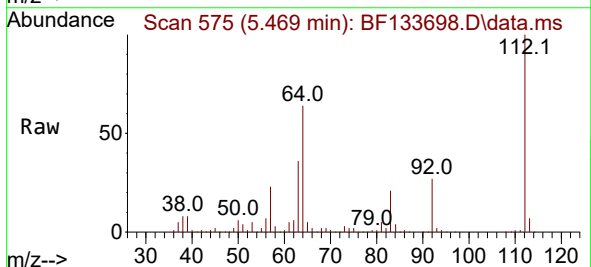
Instrument :
BNA_F
ClientSampleId :
TP-24-0A

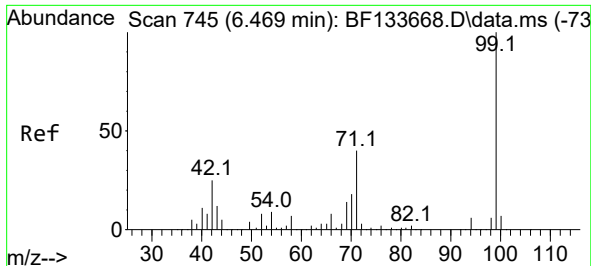
Tgt Ion:152 Resp: 104696
Ion Ratio Lower Upper
152 100
150 159.1 124.3 186.5
115 62.1 48.5 72.7



#5
2-Fluorophenol
Concen: 116.858 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.018 min
Lab File: BF133698.D
Acq: 10 Jun 2023 04:06

Tgt Ion:112 Resp: 702770
Ion Ratio Lower Upper
112 100
64 63.5 49.0 73.4
63 35.9 26.8 40.2

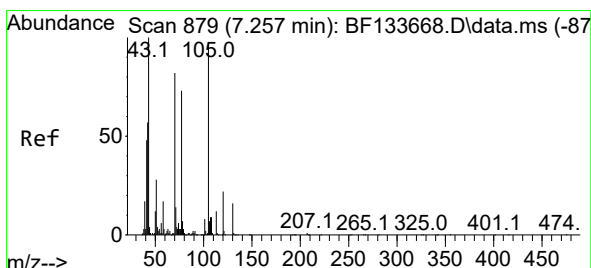
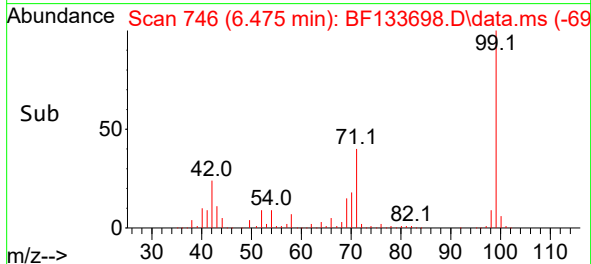
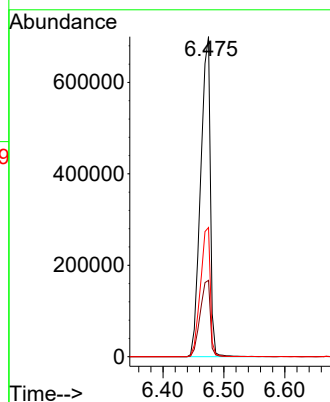
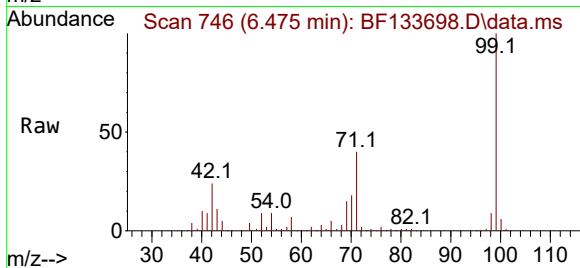




#7
Phenol-d6
Concen: 98.709 ng
RT: 6.475 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF133698.D
Acq: 10 Jun 2023 04:06

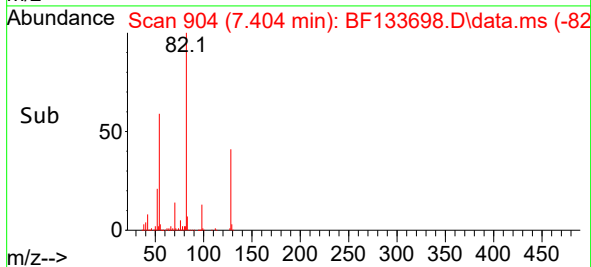
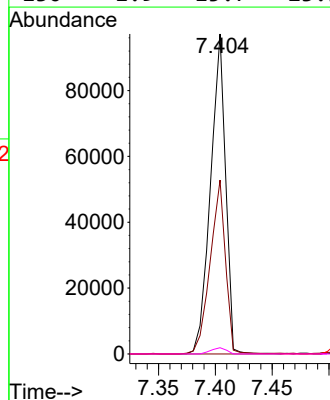
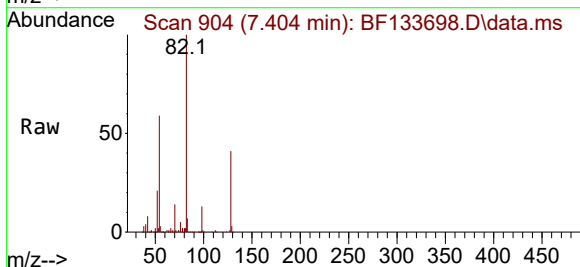
Instrument :
BNA_F
ClientSampleId :
TP-24-0A

Tgt Ion: 99 Resp: 772704
Ion Ratio Lower Upper
99 100
42 23.8 19.9 29.9
71 40.4 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.963 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF133698.D
Acq: 10 Jun 2023 04:06

Tgt Ion: 70 Resp: 89466
Ion Ratio Lower Upper
70 100
42 54.4 55.8 83.8#
101 0.0 8.1 12.1#
130 1.9 15.7 23.5#

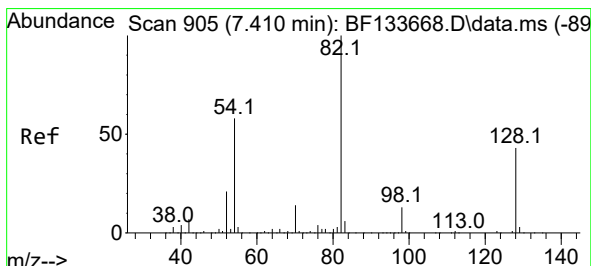
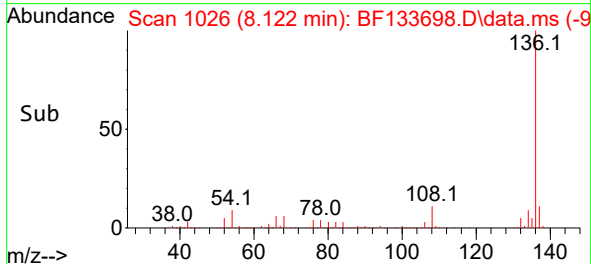
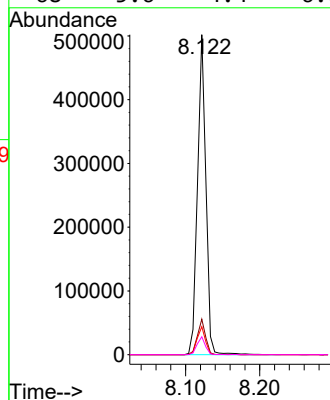
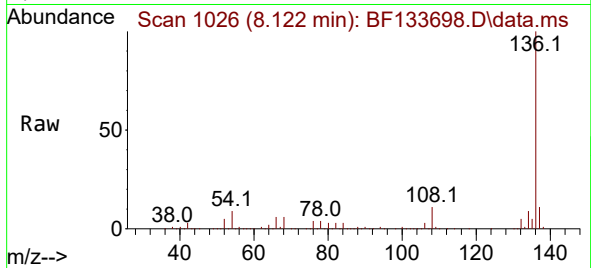




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133698.D
Acq: 10 Jun 2023 04:06

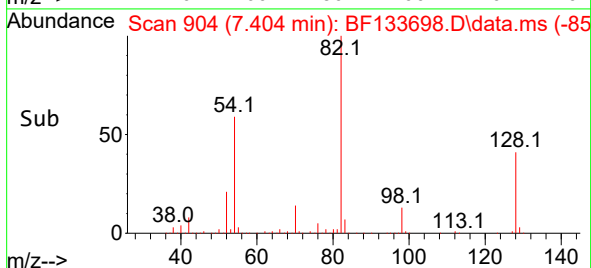
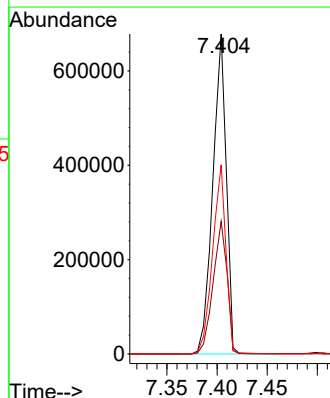
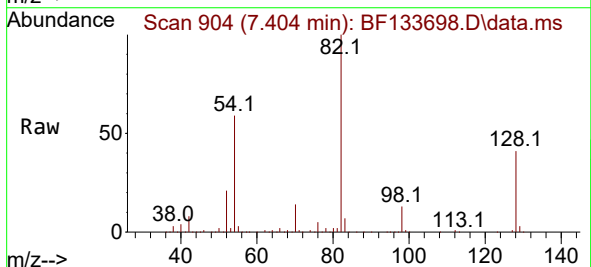
Instrument :
BNA_F
ClientSampleId :
TP-24-0A

Tgt Ion:136 Resp: 392310
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.7 7.4 11.0
68 5.6 4.4 6.6



#23
Nitrobenzene-d5
Concen: 88.311 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF133698.D
Acq: 10 Jun 2023 04:06

Tgt Ion: 82 Resp: 636082
Ion Ratio Lower Upper
82 100
128 41.4 34.2 51.2
54 59.1 46.5 69.7

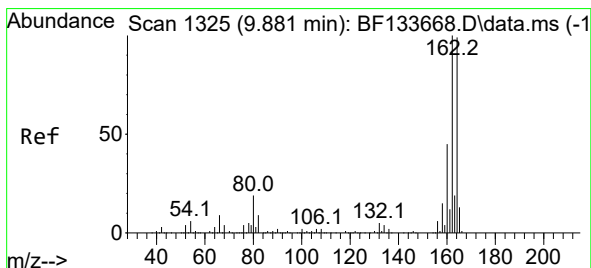
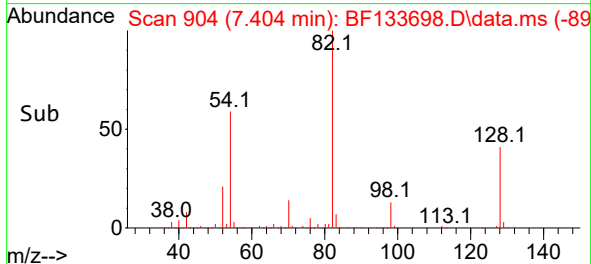
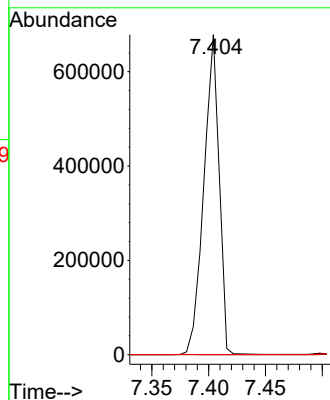
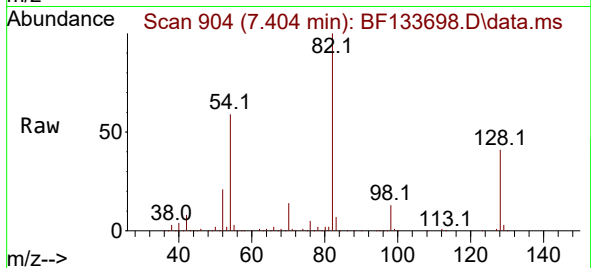




#25
Isophorone
Concen: 47.972 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF133698.D
Acq: 10 Jun 2023 04:06

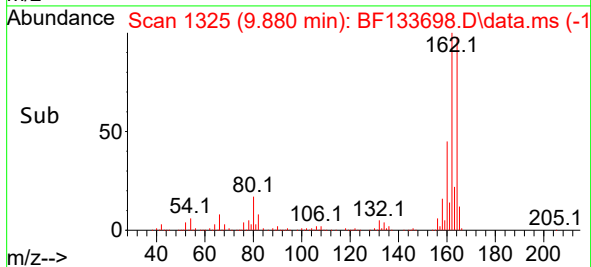
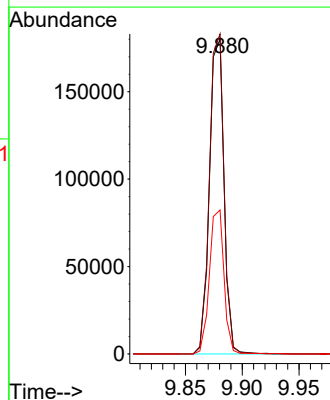
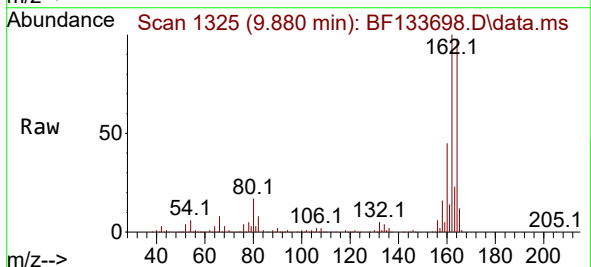
Instrument :
BNA_F
ClientSampleId :
TP-24-0A

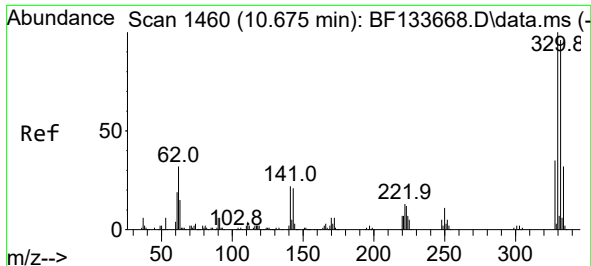
Tgt Ion: 82 Resp: 634357
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF133698.D
Acq: 10 Jun 2023 04:06

Tgt Ion:164 Resp: 159356
Ion Ratio Lower Upper
164 100
162 101.6 80.8 121.2
160 45.7 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 110.976 ng

RT: 10.669 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF133698.D

Acq: 10 Jun 2023 04:06

Instrument :

BNA_F

ClientSampleId :

TP-24-0A

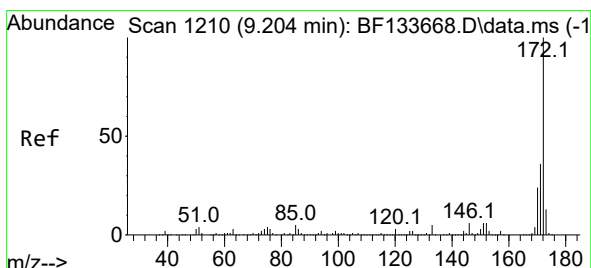
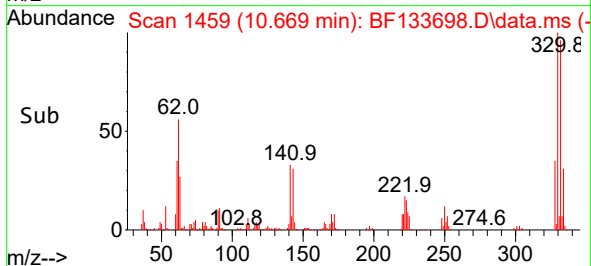
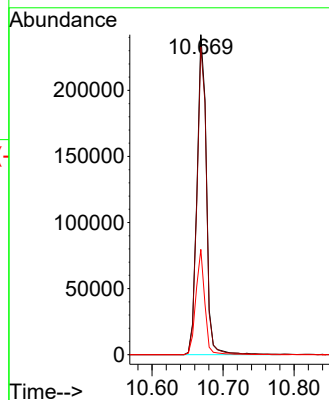
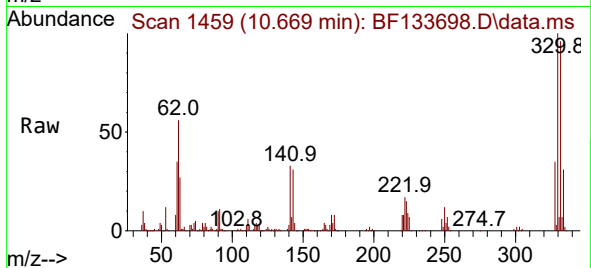
Tgt Ion:330 Resp: 223857

Ion Ratio Lower Upper

330 100

332 97.1 77.2 115.8

141 31.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 95.985 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133698.D

Acq: 10 Jun 2023 04:06

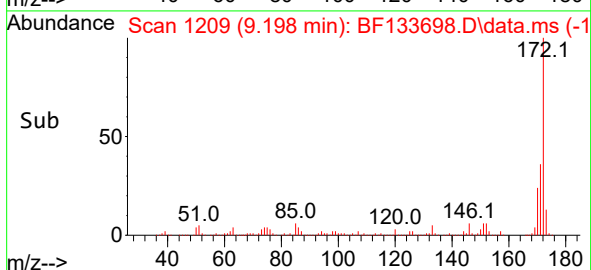
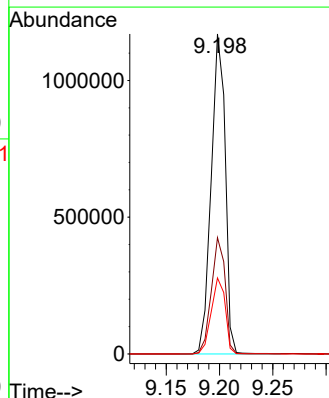
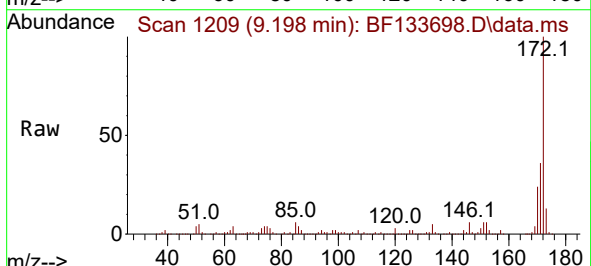
Tgt Ion:172 Resp: 1076023

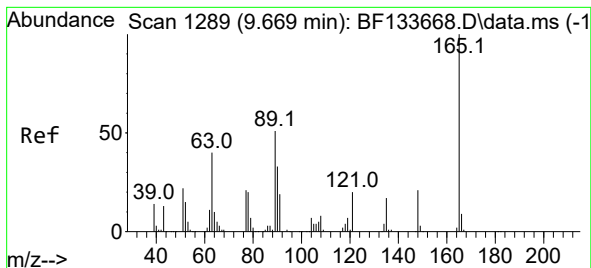
Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

170 23.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.138 ng

RT: 9.880 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF133698.D

Acq: 10 Jun 2023 04:06

Instrument :

BNA_F

ClientSampleId :

TP-24-0A

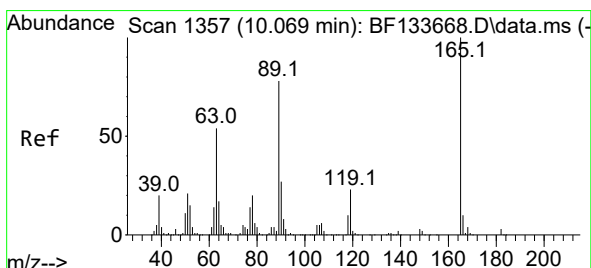
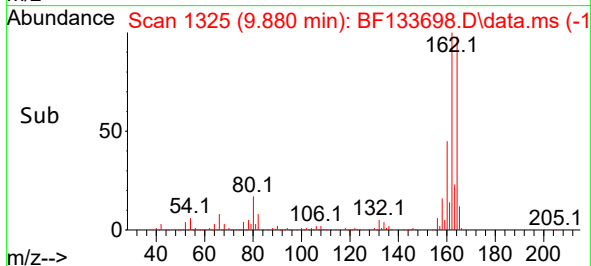
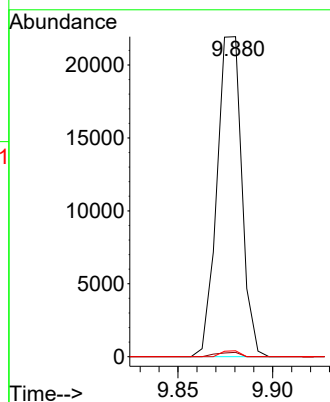
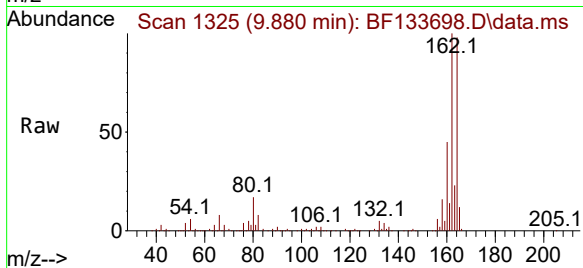
Tgt Ion:165 Resp: 19980

Ion Ratio Lower Upper

165 100

63 1.3 42.1 63.1#

89 1.8 40.9 61.3#



#57

2,4-Dinitrotoluene

Concen: 6.399 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.189 min

Lab File: BF133698.D

Acq: 10 Jun 2023 04:06

Tgt Ion:165 Resp: 19980

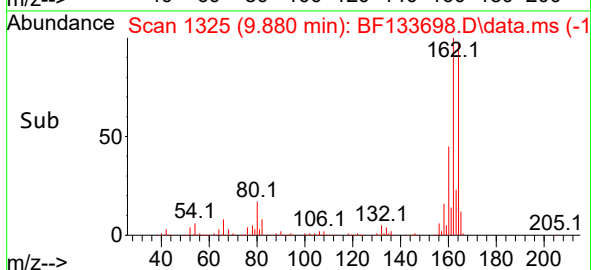
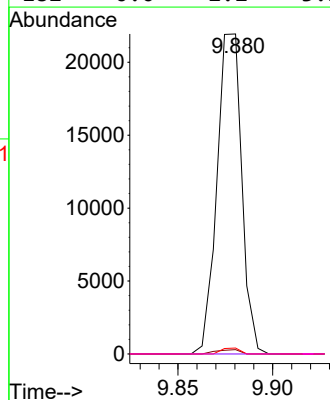
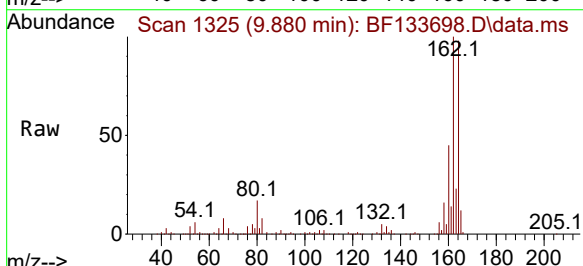
Ion Ratio Lower Upper

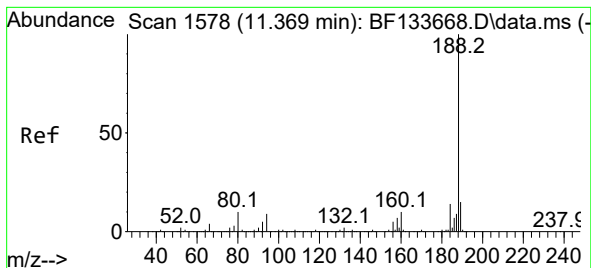
165 100

63 1.3 43.0 64.6#

89 1.8 62.6 93.8#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133698.D

Acq: 10 Jun 2023 04:06

Instrument :

BNA_F

ClientSampleId :

TP-24-0A

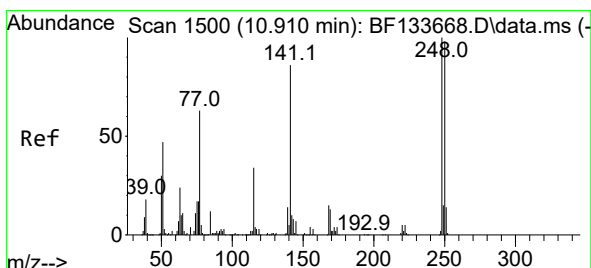
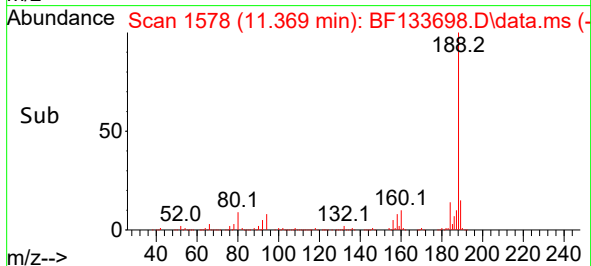
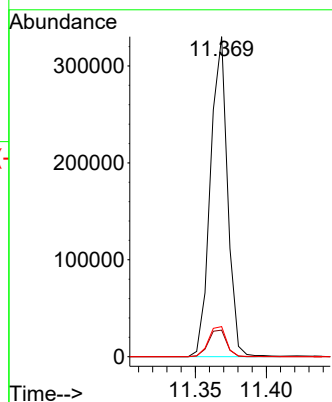
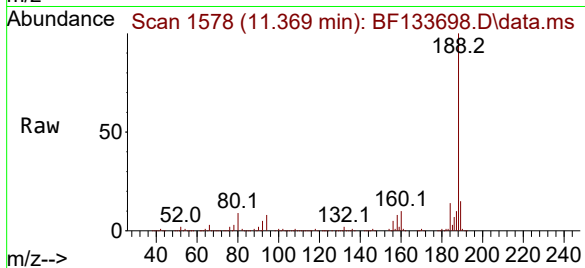
Tgt Ion:188 Resp: 276997

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

80 9.4 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 4.410 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.241 min

Lab File: BF133698.D

Acq: 10 Jun 2023 04:06

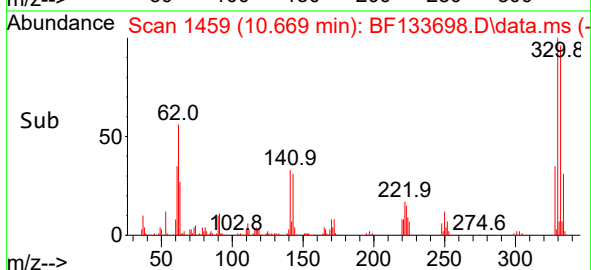
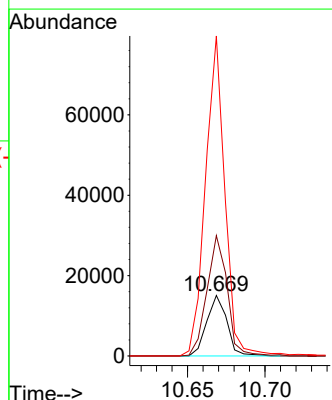
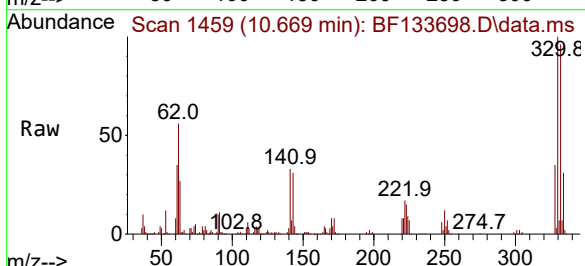
Tgt Ion:248 Resp: 13633

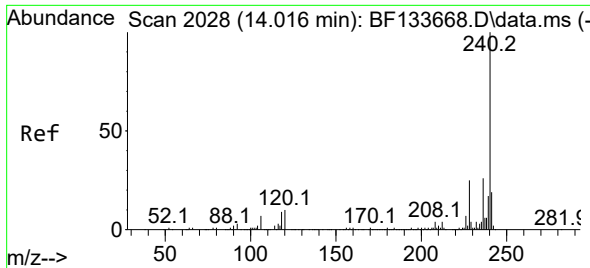
Ion Ratio Lower Upper

248 100

250 198.7 78.3 117.5#

141 528.7 69.0 103.6#

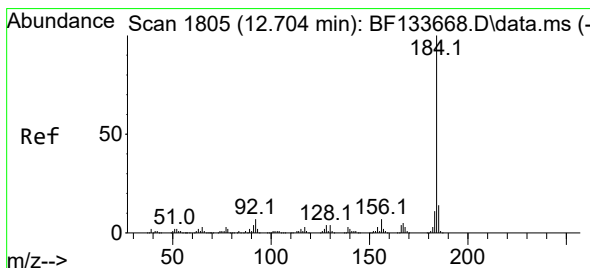
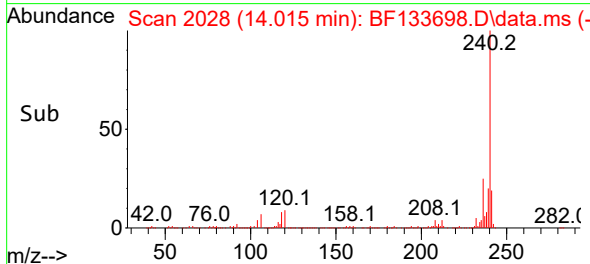
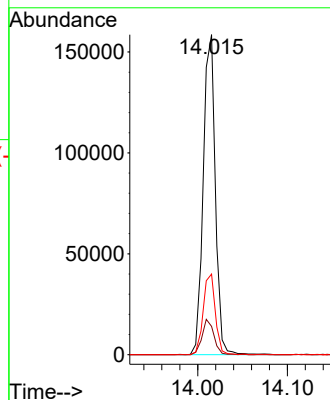
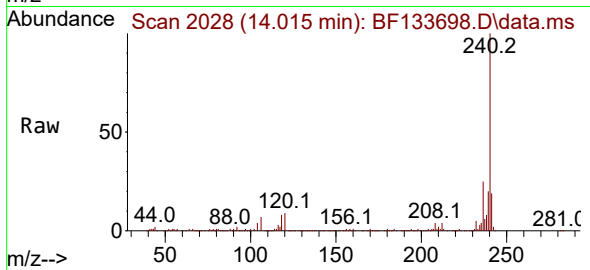




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF133698.D
Acq: 10 Jun 2023 04:06

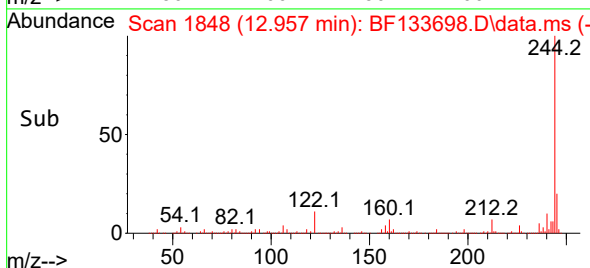
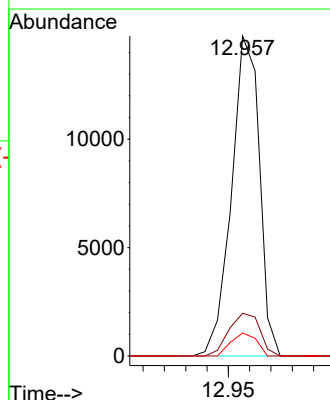
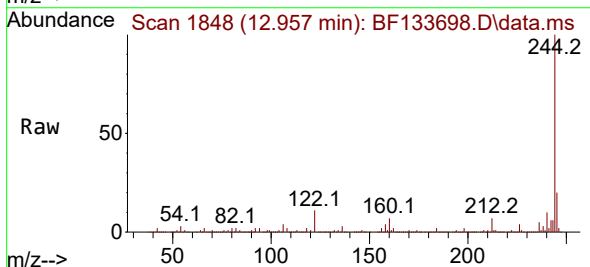
Instrument :
BNA_F
ClientSampleId :
TP-24-0A

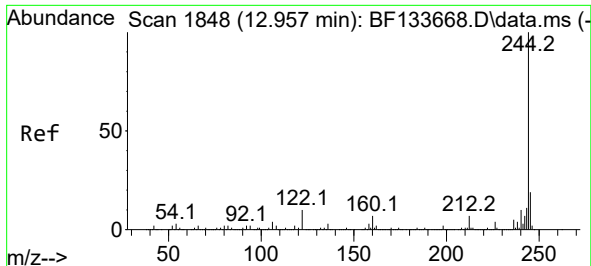
Tgt Ion:240 Resp: 148556
Ion Ratio Lower Upper
240 100
120 8.9 8.1 12.1
236 25.2 20.5 30.7



#77
Benzidine
Concen: 2.698 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.253 min
Lab File: BF133698.D
Acq: 10 Jun 2023 04:06

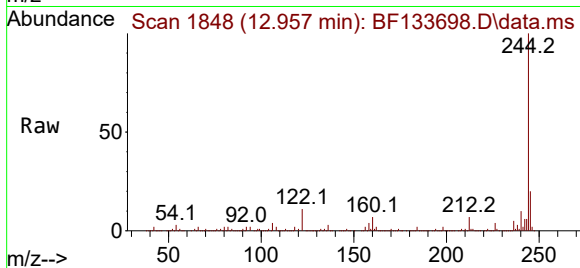
Tgt Ion:184 Resp: 13447
Ion Ratio Lower Upper
184 100
185 13.3 11.6 17.4
183 7.1 8.4 12.6#





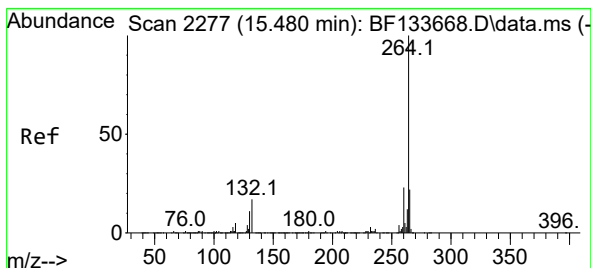
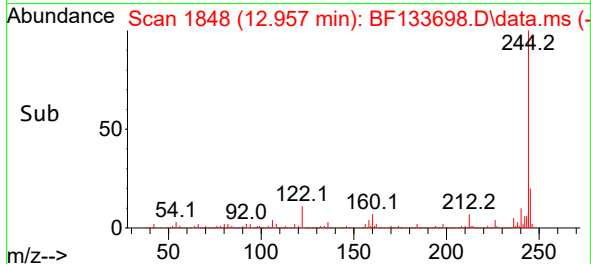
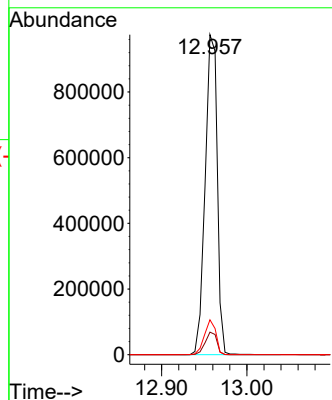
#79
 Terphenyl-d14
 Concen: 99.887 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF133698.D
 Acq: 10 Jun 2023 04:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-24-0A



Tgt Ion:244 Resp: 958987

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	10.9	8.1	12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.000 min
 Lab File: BF133698.D
 Acq: 10 Jun 2023 04:06

Tgt Ion:264 Resp: 120408

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	22.2	17.8	26.6

