

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134215.D
 Acq On : 11 Jul 2023 15:40
 Operator : CG\JU
 Sample : PB153608TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 01:05:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

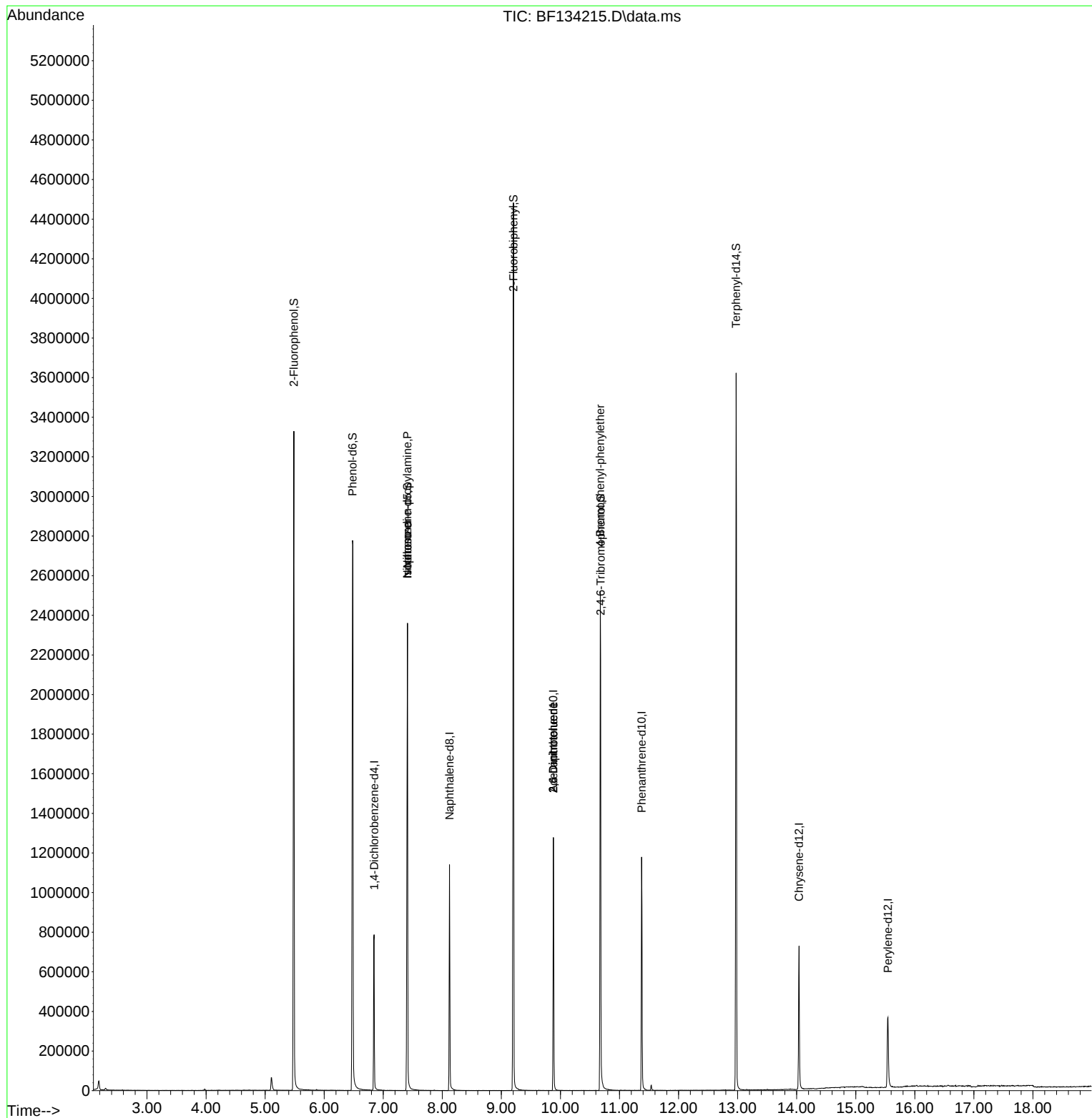
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	121783	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	471054	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	241402	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	464031	20.000	ng	0.00
76) Chrysene-d12	14.039	240	265120	20.000	ng	0.00
86) Perylene-d12	15.545	264	206843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	888376	122.024	ng	0.01
7) Phenol-d6	6.481	99	1081485	120.791	ng	0.00
23) Nitrobenzene-d5	7.410	82	731632	83.725	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	339354	112.120	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1357893	81.782	ng	0.00
79) Terphenyl-d14	12.974	244	1358577	82.473	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1801	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	101488	17.874	ng	# 75
25) Isophorone	7.410	82	731632	46.068	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	30203	8.002	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	30203	6.060	ng	# 22
67) 4-Bromophenyl-phenylether	10.674	248	20335	4.123	ng	# 1

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

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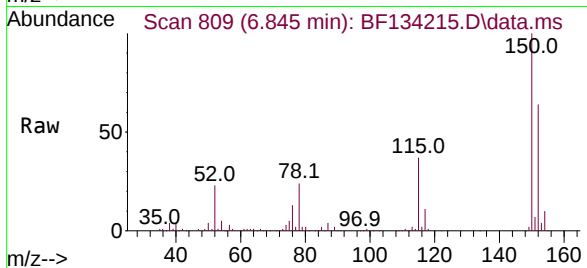
Quant Time: Jul 12 01:05:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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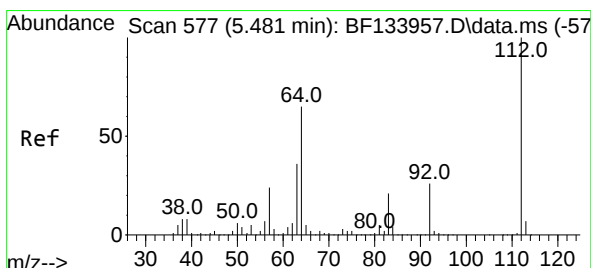
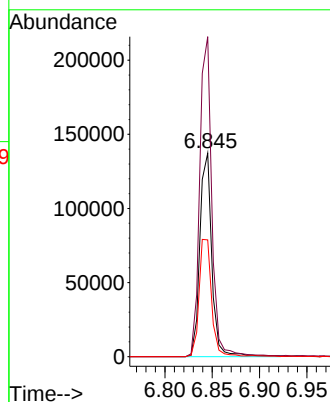
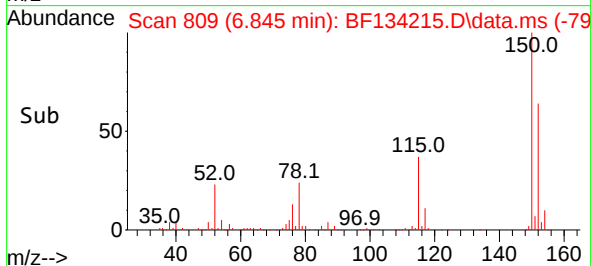


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF134215.D
Acq: 11 Jul 2023 15:40

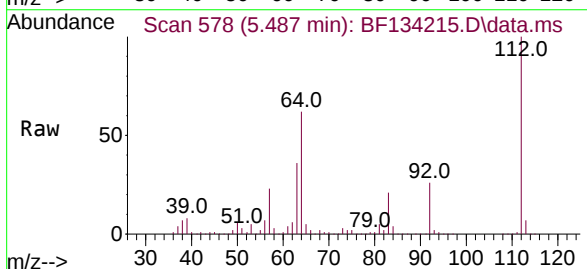
Instrument :
BNA_F
ClientSampleId :



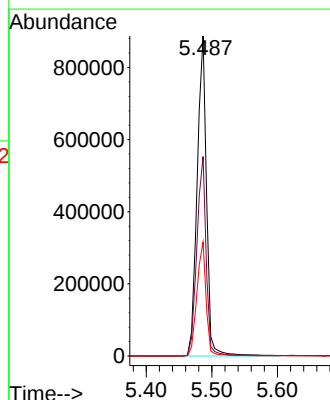
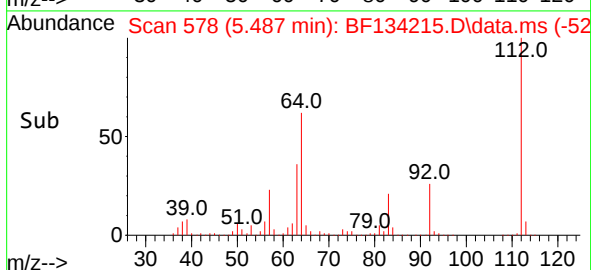
Tgt Ion:152 Resp: 121783
Ion Ratio Lower Upper
152 100
150 157.2 124.5 186.7
115 57.4 50.2 75.2



#5
2-Fluorophenol
Concen: 122.024 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF134215.D
Acq: 11 Jul 2023 15:40



Tgt Ion:112 Resp: 888376
Ion Ratio Lower Upper
112 100
64 62.4 52.1 78.1
63 35.6 28.6 42.8

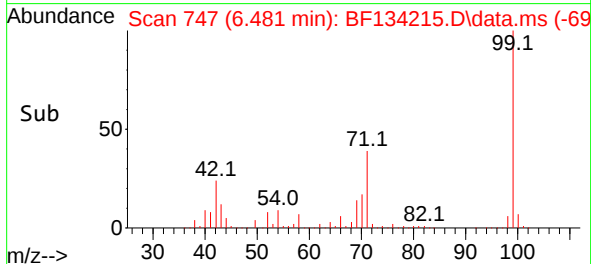
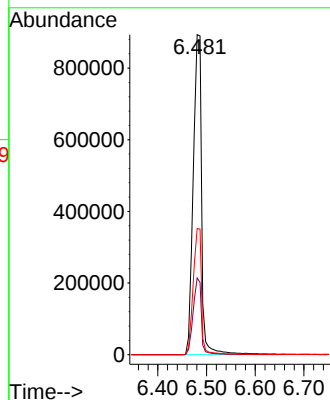
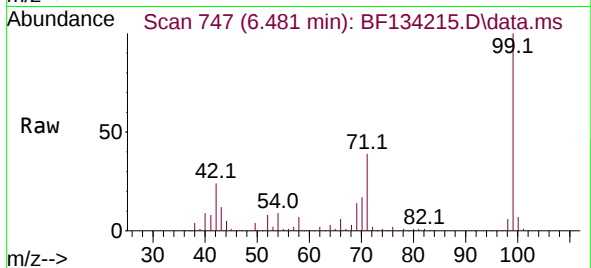




#7
Phenol-d6
Concen: 120.791 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134215.D
Acq: 11 Jul 2023 15:40

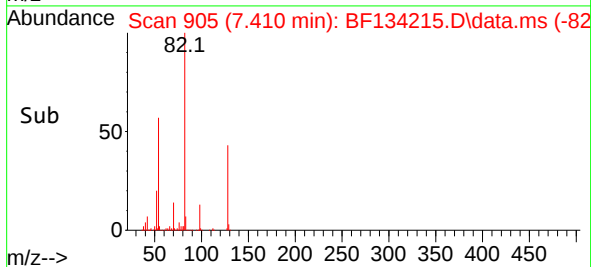
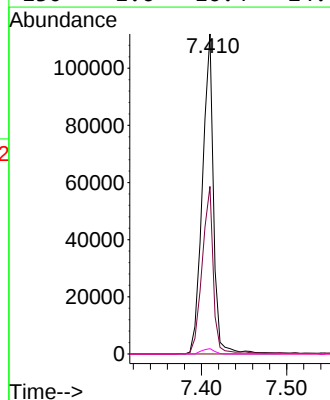
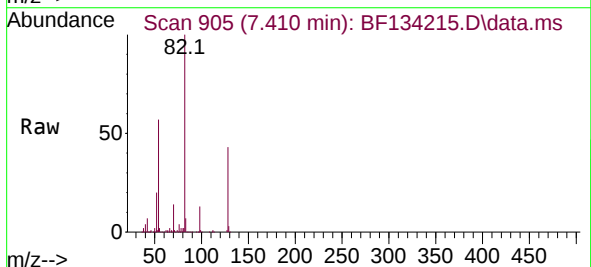
Instrument :
BNA_F
ClientSampleId :

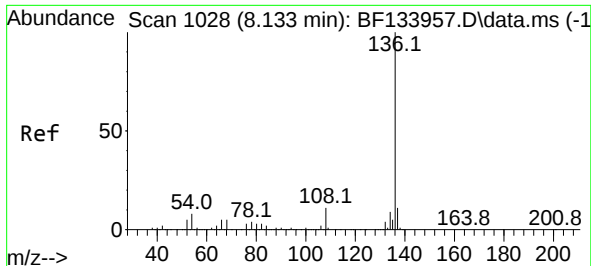
Tgt Ion: 99 Resp: 1081485
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.6
71 39.4 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.874 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF134215.D
Acq: 11 Jul 2023 15:40

Tgt Ion: 70 Resp: 101488
Ion Ratio Lower Upper
70 100
42 52.4 54.7 82.1#
101 0.0 7.7 11.5#
130 1.6 16.4 24.6#



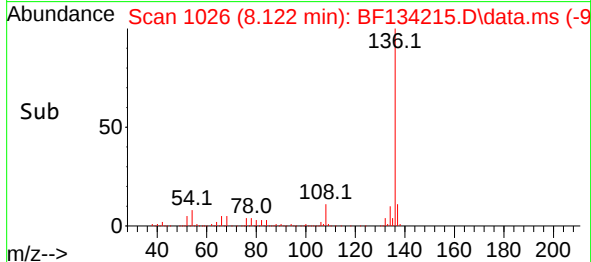
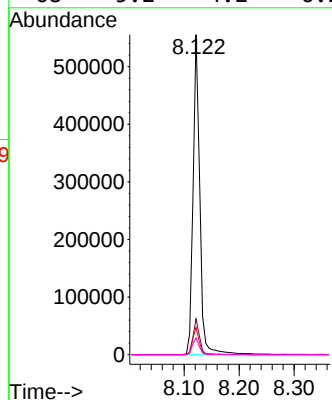
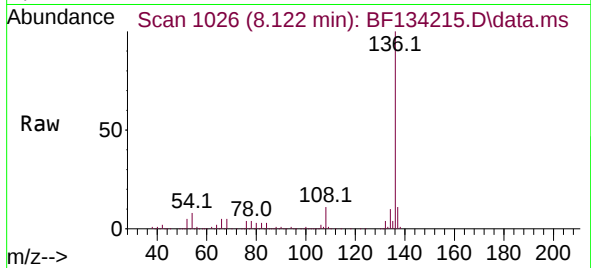


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134215.D
Acq: 11 Jul 2023 15:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 471054

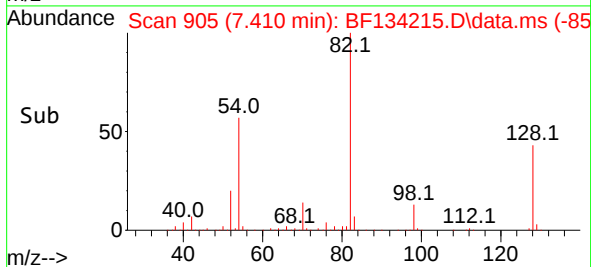
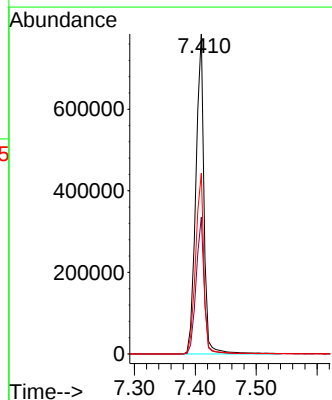
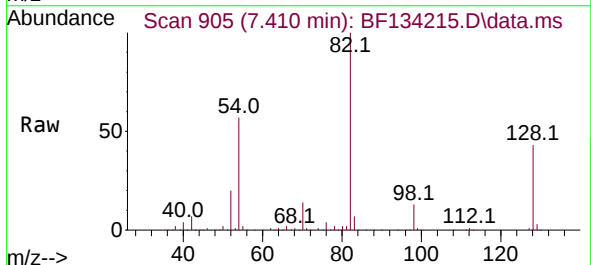
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	8.5	6.5	9.7
68	5.2	4.2	6.2



#23
Nitrobenzene-d5
Concen: 83.725 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF134215.D
Acq: 11 Jul 2023 15:40

Tgt Ion: 82 Resp: 731632

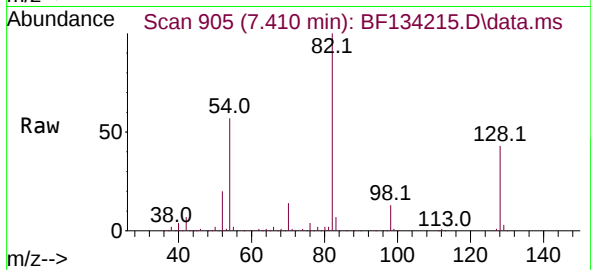
Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.5	48.7
54	56.5	48.2	72.2



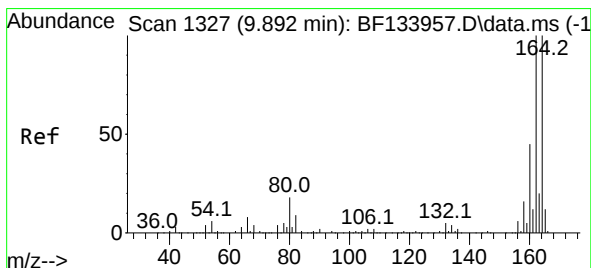
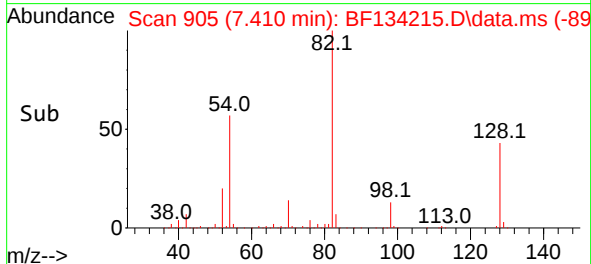
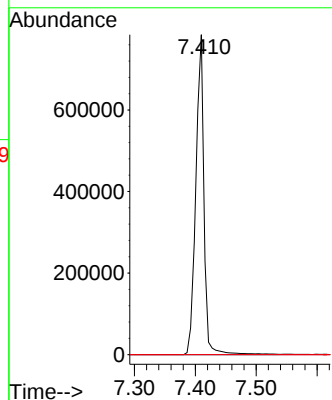


#25
Isophorone
Concen: 46.068 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF134215.D
Acq: 11 Jul 2023 15:40

Instrument :
BNA_F
ClientSampleId :

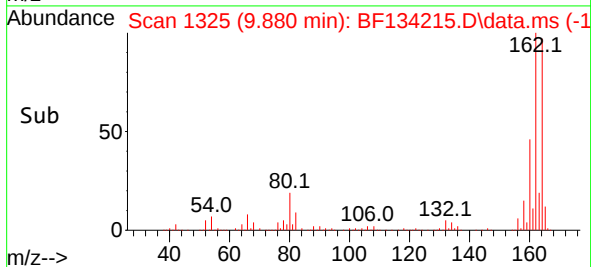
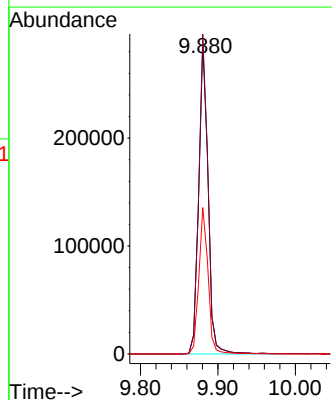
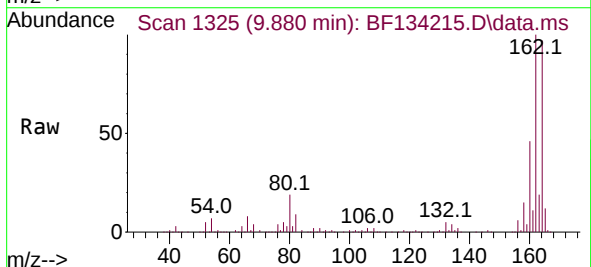


Tgt Ion: 82 Resp: 731632
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134215.D
Acq: 11 Jul 2023 15:40

Tgt Ion:164 Resp: 241402
Ion Ratio Lower Upper
164 100
162 103.1 80.0 120.0
160 47.2 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 112.120 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.000 min

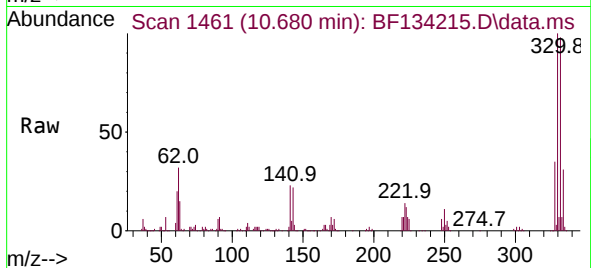
Lab File: BF134215.D

Acq: 11 Jul 2023 15:40

Instrument :

BNA_F

ClientSampleId :



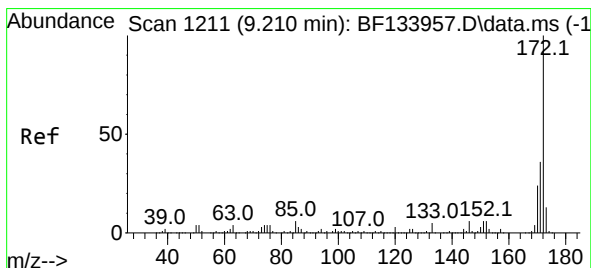
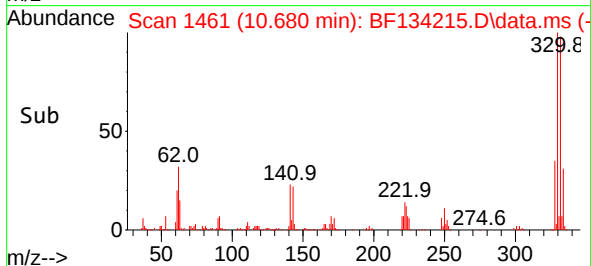
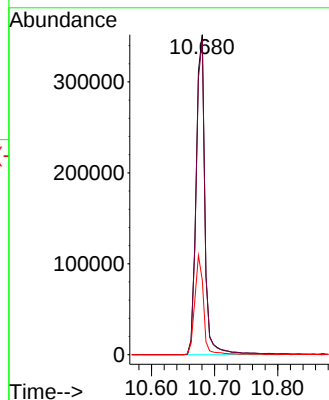
Tgt Ion:330 Resp: 339354

Ion Ratio Lower Upper

330 100

332 98.0 77.0 115.6

141 30.7 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 81.782 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF134215.D

Acq: 11 Jul 2023 15:40

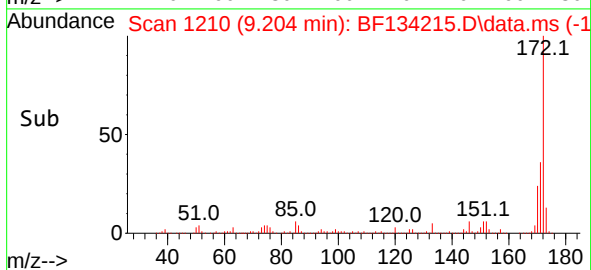
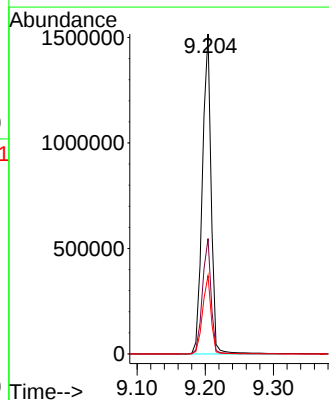
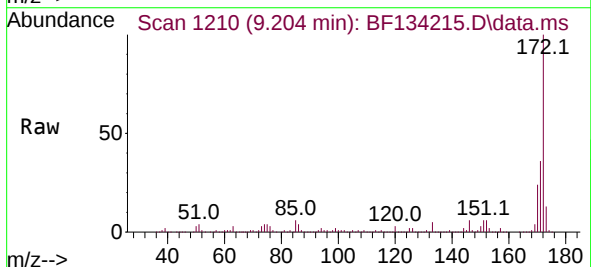
Tgt Ion:172 Resp: 1357893

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 24.4 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.002 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF134215.D

Acq: 11 Jul 2023 15:40

Instrument :

BNA_F

ClientSampleId :

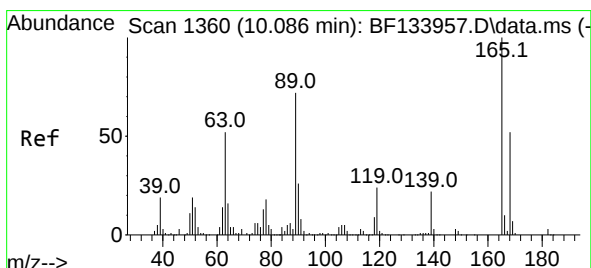
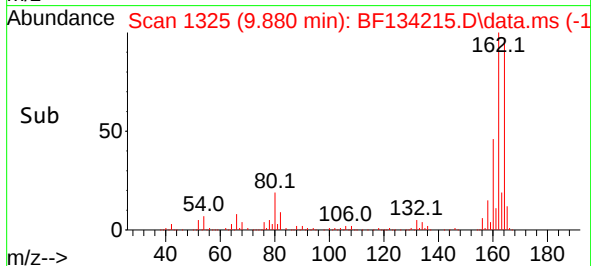
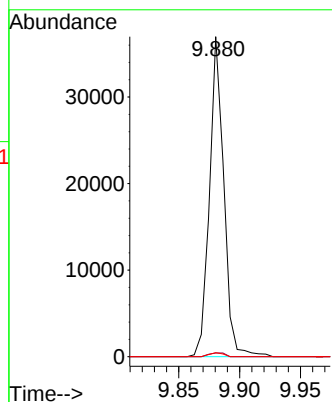
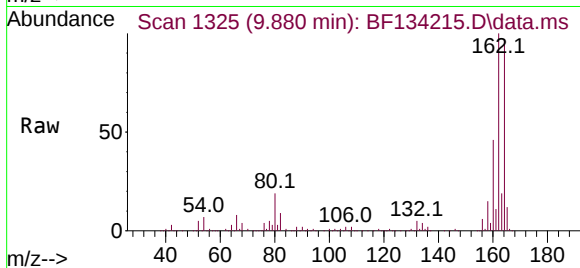
Tgt Ion:165 Resp: 30203

Ion Ratio Lower Upper

165 100

63 1.2 48.5 72.7#

89 1.2 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.060 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.200 min

Lab File: BF134215.D

Acq: 11 Jul 2023 15:40

Tgt Ion:165 Resp: 30203

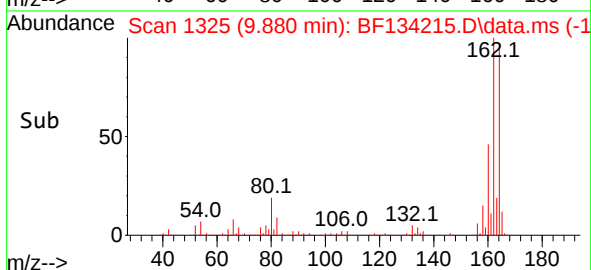
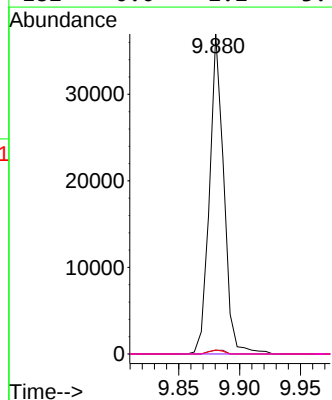
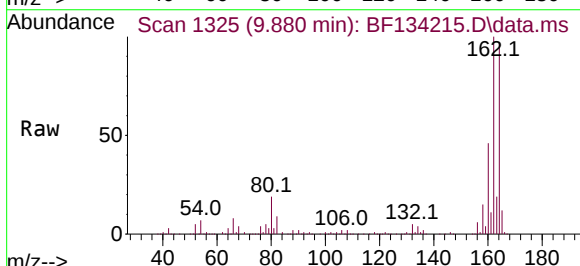
Ion Ratio Lower Upper

165 100

63 1.2 42.2 63.2#

89 1.2 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. -0.006 min

Lab File: BF134215.D

Acq: 11 Jul 2023 15:40

Instrument :

BNA_F

ClientSampleId :

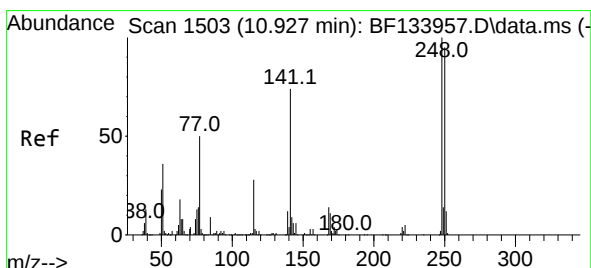
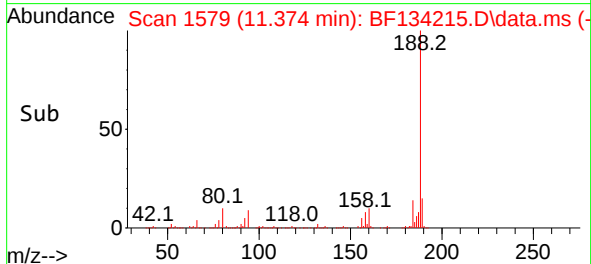
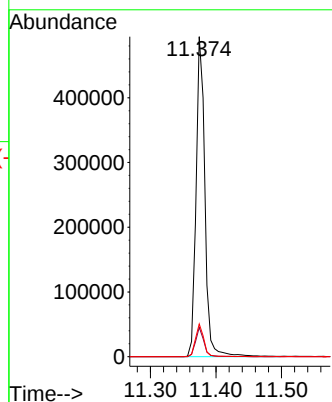
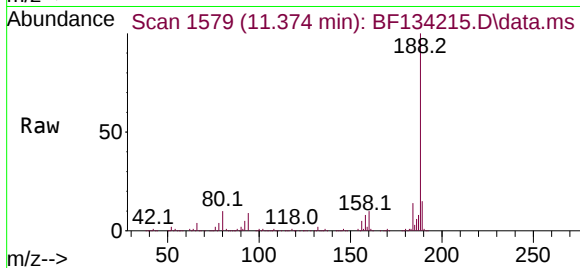
Tgt Ion:188 Resp: 464031

Ion Ratio Lower Upper

188 100

94 9.2 6.4 9.6

80 10.2 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.123 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.247 min

Lab File: BF134215.D

Acq: 11 Jul 2023 15:40

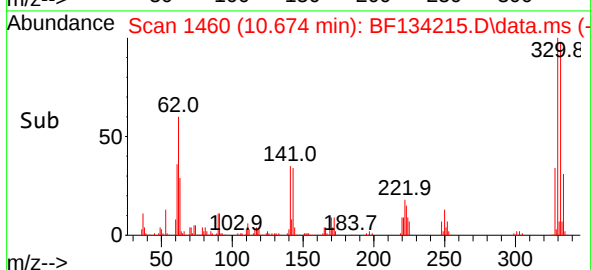
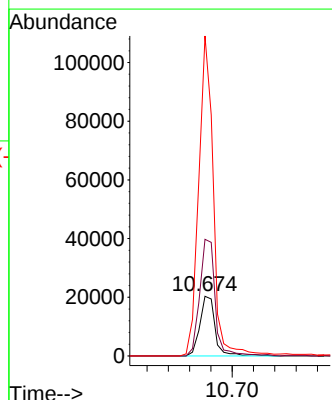
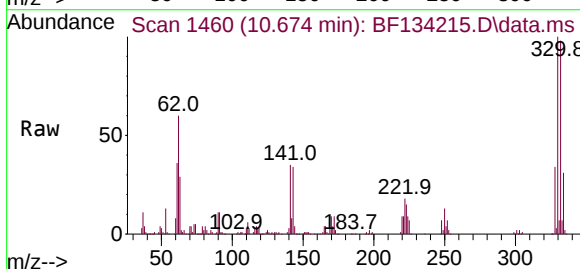
Tgt Ion:248 Resp: 20335

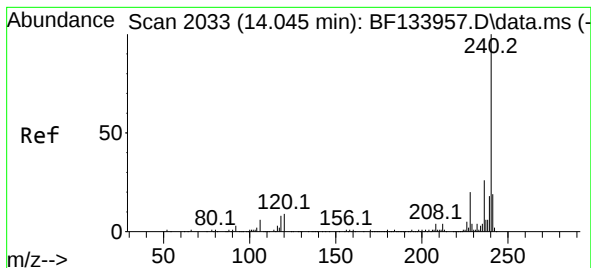
Ion Ratio Lower Upper

248 100

250 195.6 76.2 114.4#

141 536.2 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF134215.D

Acq: 11 Jul 2023 15:40

Instrument :

BNA_F

ClientSampleId :

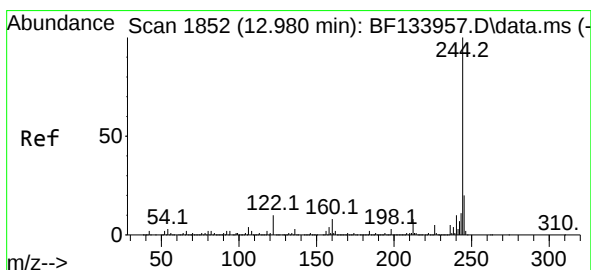
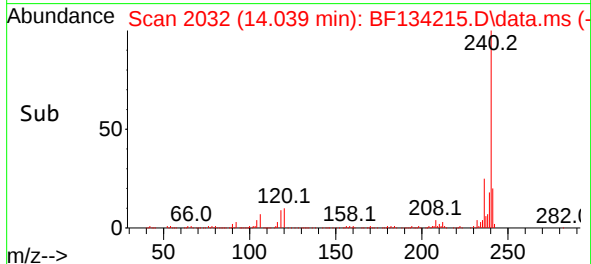
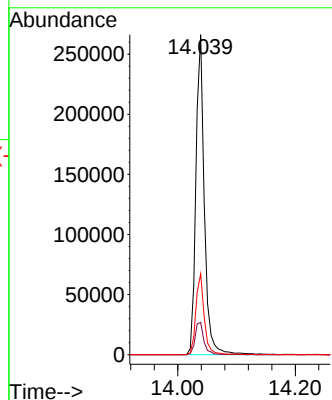
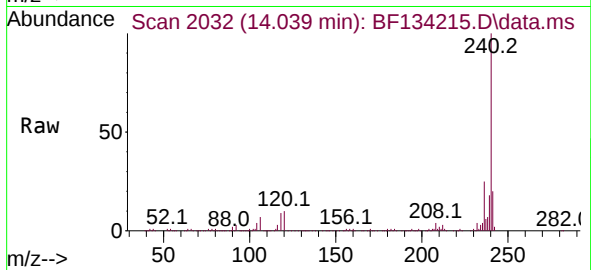
Tgt Ion:240 Resp: 265120

Ion Ratio Lower Upper

240 100

120 10.1 7.4 11.0

236 25.3 21.0 31.6



#79

Terphenyl-d14

Concen: 82.473 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF134215.D

Acq: 11 Jul 2023 15:40

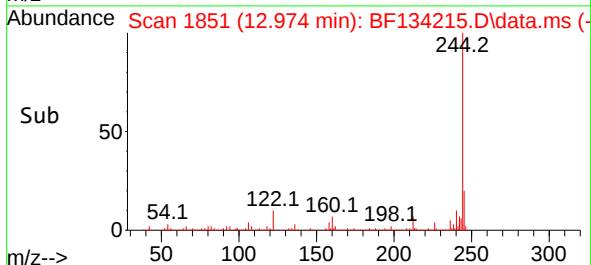
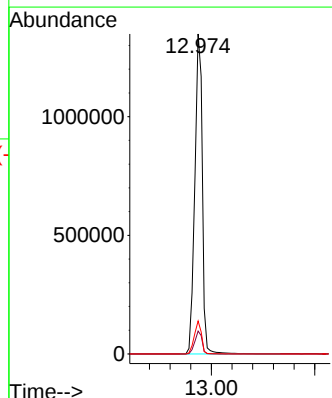
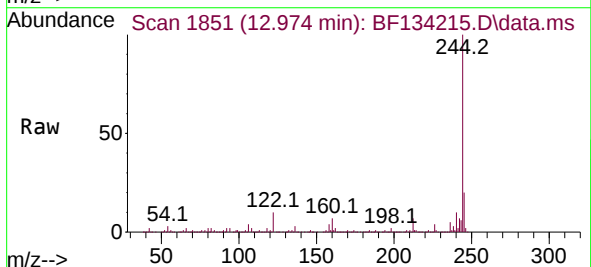
Tgt Ion:244 Resp: 1358577

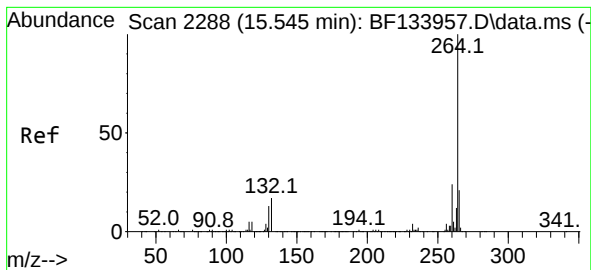
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

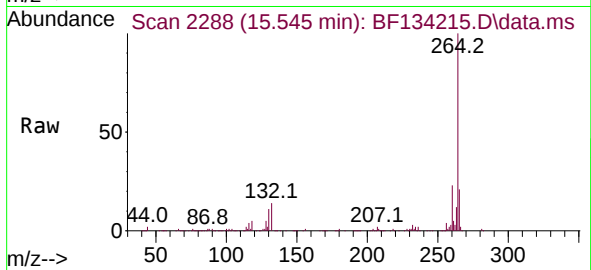
122 10.3 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF134215.D
Acq: 11 Jul 2023 15:40

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 206843

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.9	16.6	25.0

