

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
 Data File : BF133449.D
 Acq On : 18 May 2023 20:45
 Operator : CG\JU
 Sample : 02825-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-051723

Quant Time: May 19 03:21:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 18:12:00 2023
 Response via : Initial Calibration

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

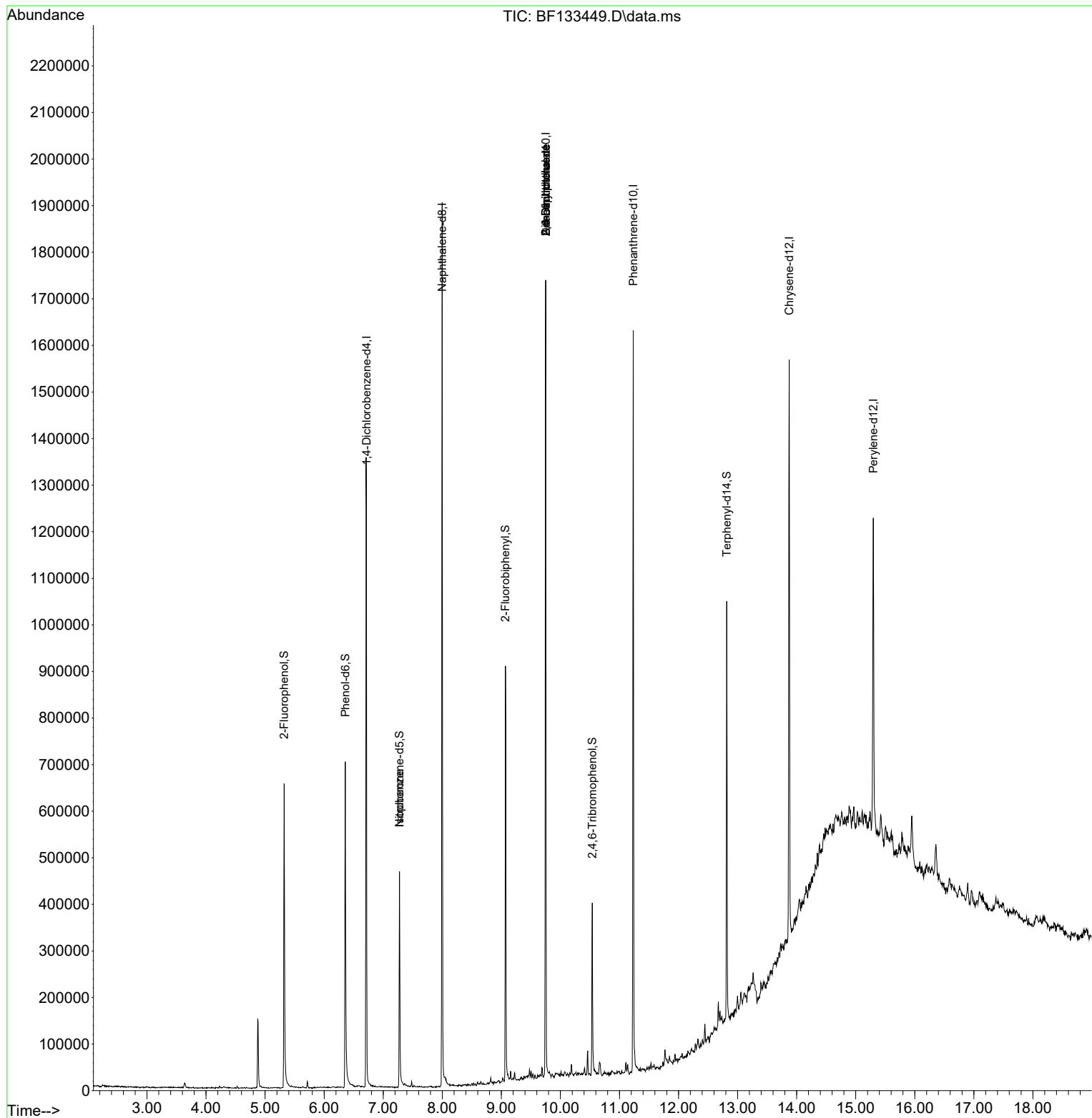
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	209678	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	780687	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	335441	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	565038	20.000	ng	0.00
76) Chrysene-d12	13.874	240	410674	20.000	ng	0.00
86) Perylene-d12	15.298	264	301866	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	206926	14.908	ng	0.00
7) Phenol-d6	6.357	99	262818	15.255	ng	-0.01
23) Nitrobenzene-d5	7.275	82	143771	9.940	ng	-0.01
42) 2,4,6-Tribromophenol	10.539	330	44954	13.326	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	282049	14.067	ng	-0.01
79) Terphenyl-d14	12.816	244	288301	12.107	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.269	77	61	Below Cal	#	28
25) Isophorone	7.275	82	143771	5.235	ng	# 63
50) Dimethylphthalate	9.751	163	66208	2.831	ng	# 1
51) 2,6-Dinitrotoluene	9.751	165	44369	8.428	ng	# 25
57) 2,4-Dinitrotoluene	9.751	165	44369	6.609	ng	# 23

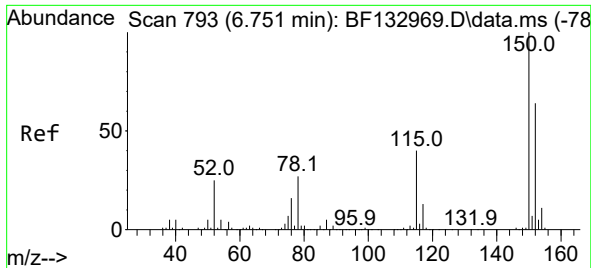
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-051723

Quant Time: May 19 03:21:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 18:12:00 2023
Response via : Initial Calibration

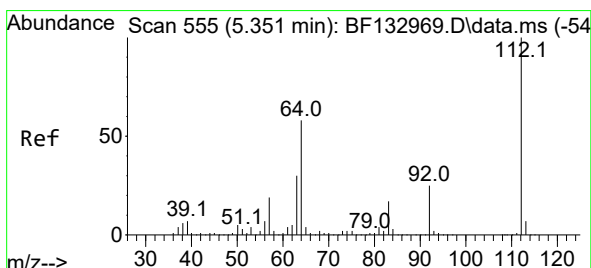
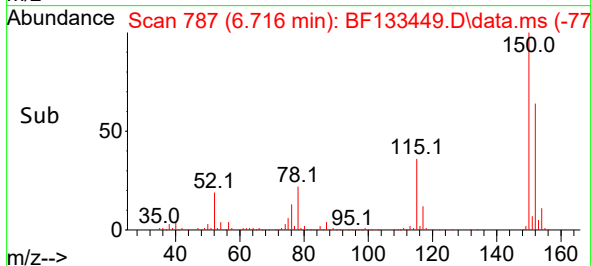
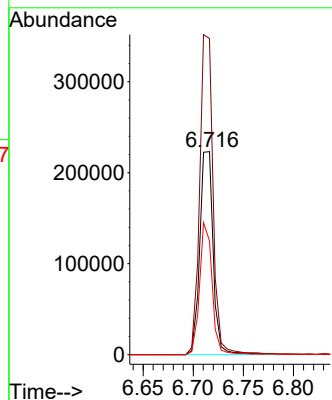
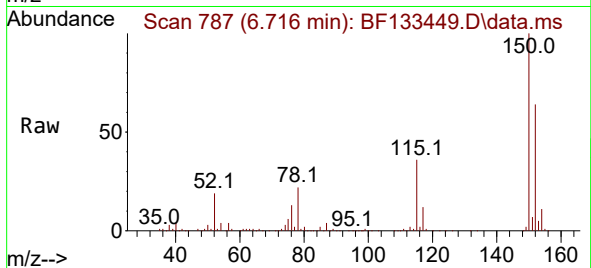




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133449.D
Acq: 18 May 2023 20:45

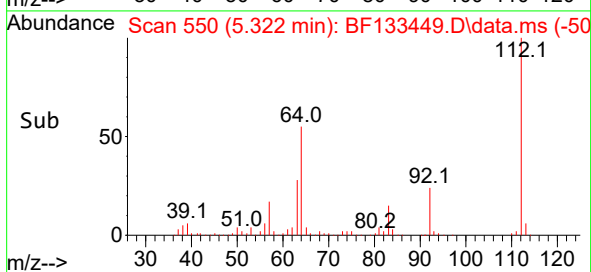
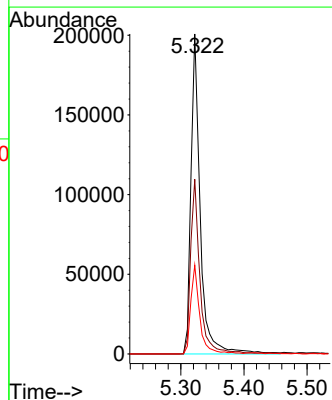
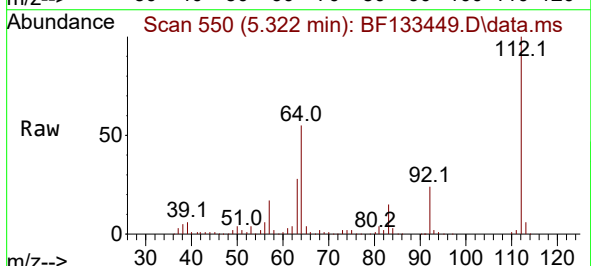
Instrument :
BNA_F
ClientSampleId :
OK-01-051723

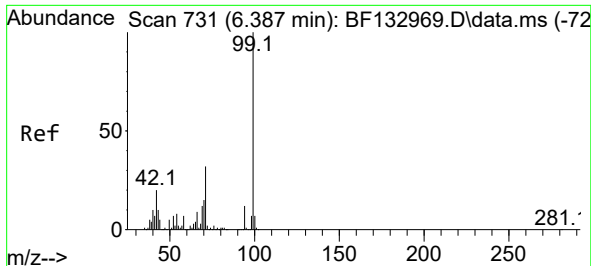
Tgt Ion:152 Resp: 209678
Ion Ratio Lower Upper
152 100
150 155.7 124.8 187.2
115 56.0 49.9 74.9



#5
2-Fluorophenol
Concen: 14.908 ng
RT: 5.322 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF133449.D
Acq: 18 May 2023 20:45

Tgt Ion:112 Resp: 206926
Ion Ratio Lower Upper
112 100
64 54.6 46.8 70.2
63 27.7 23.8 35.8

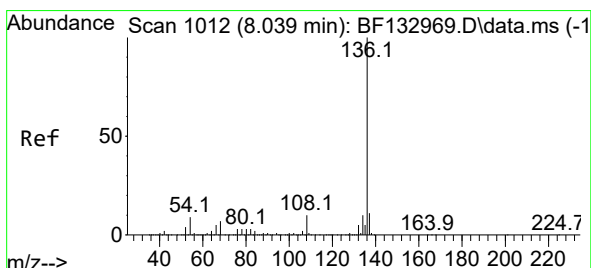
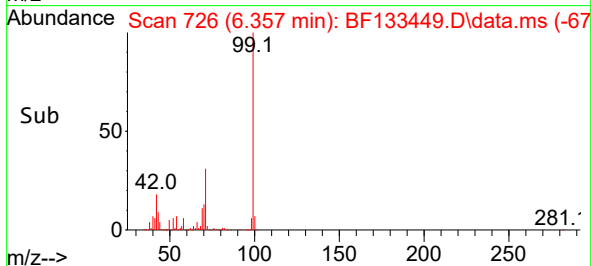
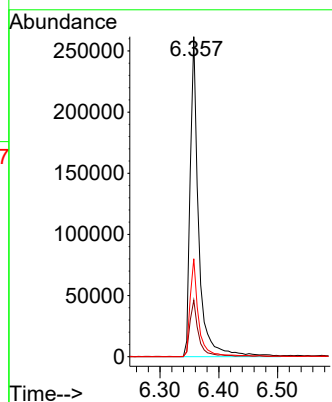
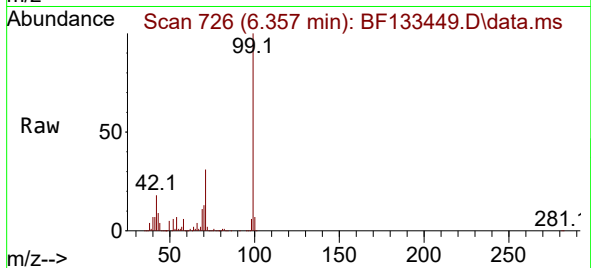




#7
Phenol-d6
Concen: 15.255 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133449.D
Acq: 18 May 2023 20:45

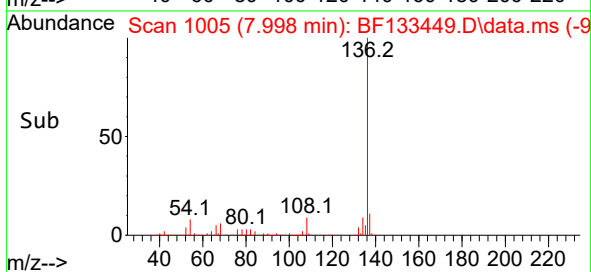
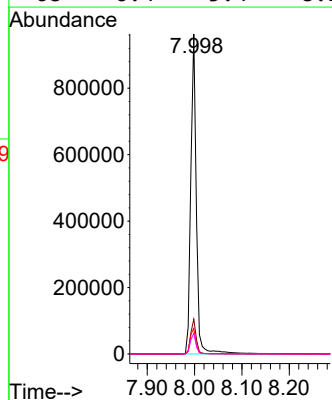
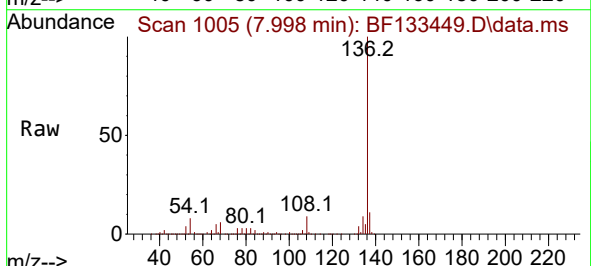
Instrument :
BNA_F
ClientSampleId :
OK-01-051723

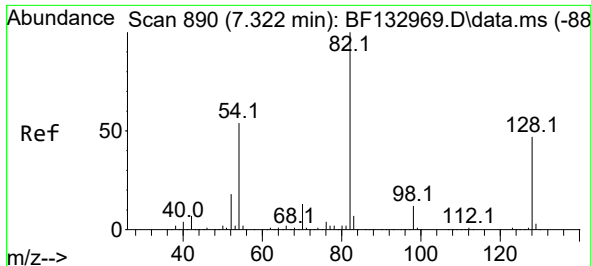
Tgt Ion: 99 Resp: 262818
Ion Ratio Lower Upper
99 100
42 17.7 16.3 24.5
71 30.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF133449.D
Acq: 18 May 2023 20:45

Tgt Ion: 136 Resp: 780687
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.0 7.0 10.4
68 6.4 5.4 8.2

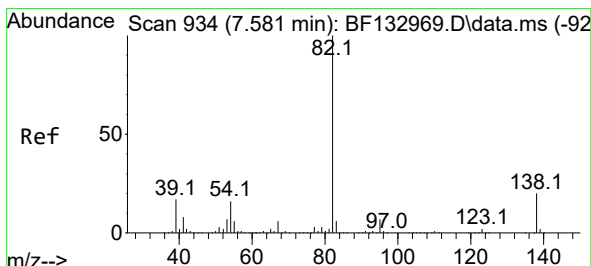
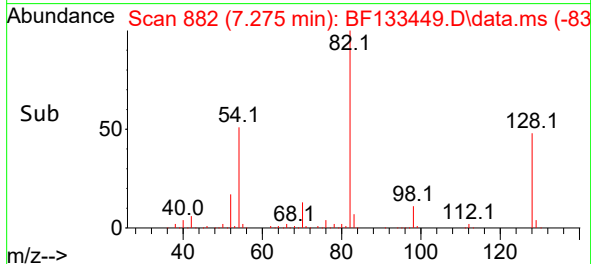
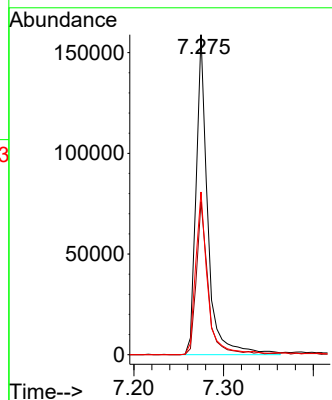
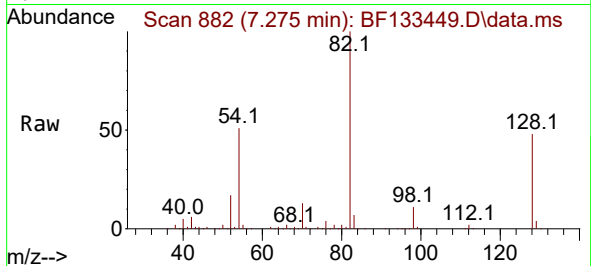




#23
Nitrobenzene-d5
Concen: 9.940 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF133449.D
Acq: 18 May 2023 20:45

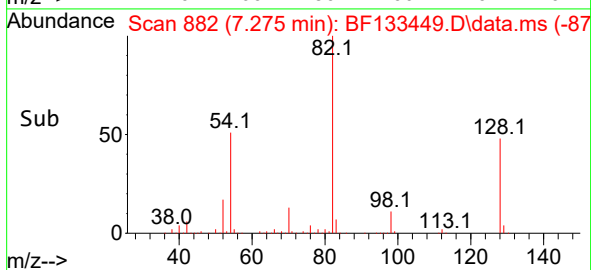
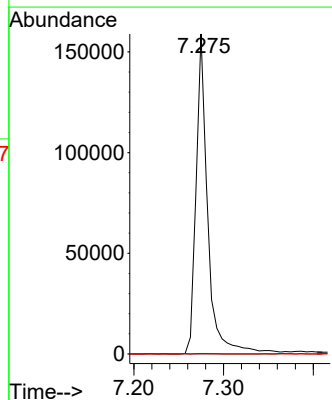
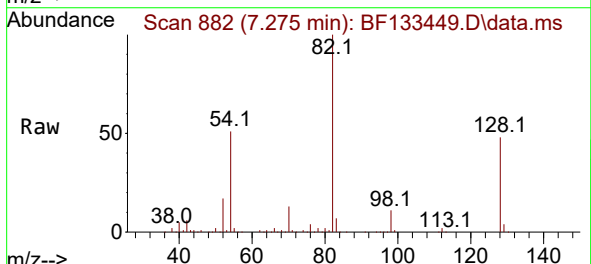
Instrument :
BNA_F
ClientSampleId :
OK-01-051723

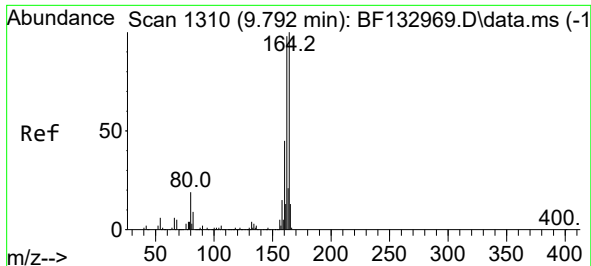
Tgt Ion: 82 Resp: 143771
Ion Ratio Lower Upper
82 100
128 47.9 37.7 56.5
54 50.9 43.0 64.4



#25
Isophorone
Concen: 5.235 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.270 min
Lab File: BF133449.D
Acq: 18 May 2023 20:45

Tgt Ion: 82 Resp: 143771
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.0#
138 0.0 16.0 24.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133449.D

Acq: 18 May 2023 20:45

Instrument :

BNA_F

ClientSampleId :

OK-01-051723

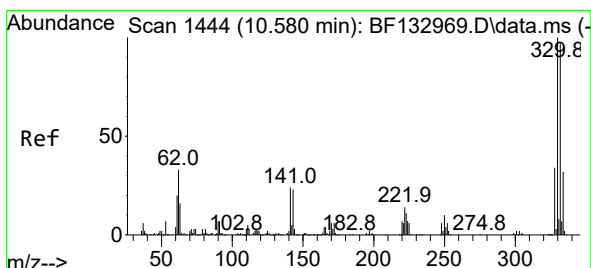
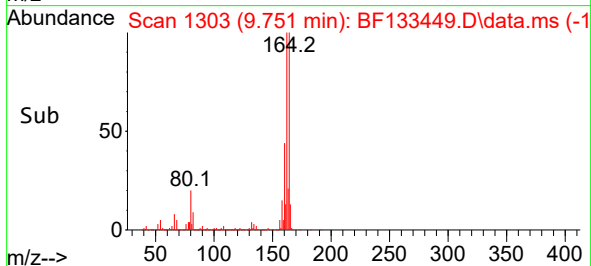
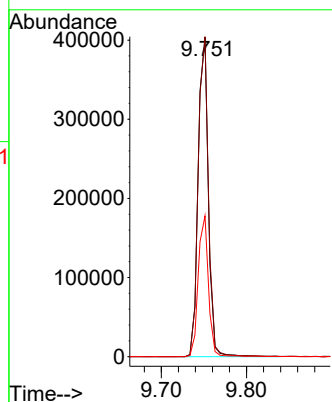
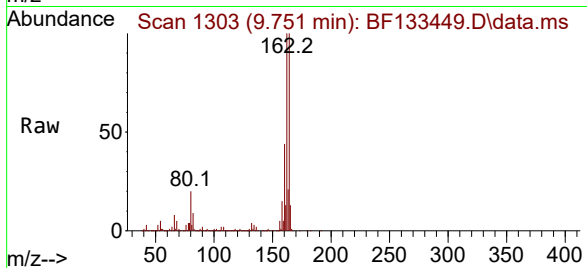
Tgt Ion:164 Resp: 335441

Ion Ratio Lower Upper

164 100

162 100.3 78.7 118.1

160 44.1 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 13.326 ng

RT: 10.539 min Scan# 1437

Delta R.T. -0.006 min

Lab File: BF133449.D

Acq: 18 May 2023 20:45

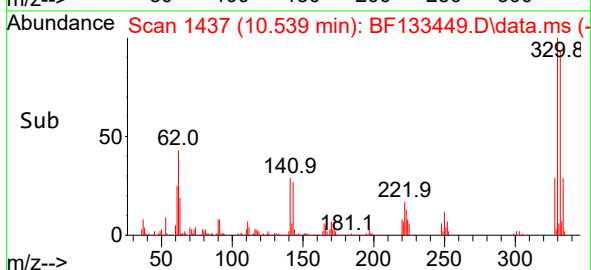
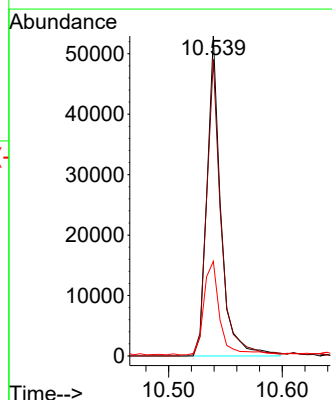
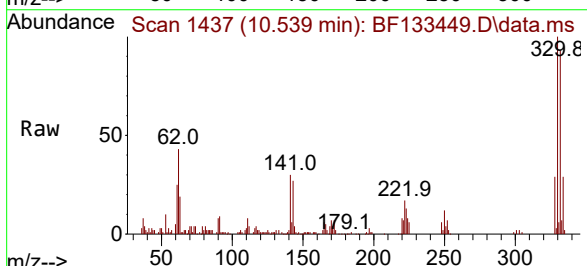
Tgt Ion:330 Resp: 44954

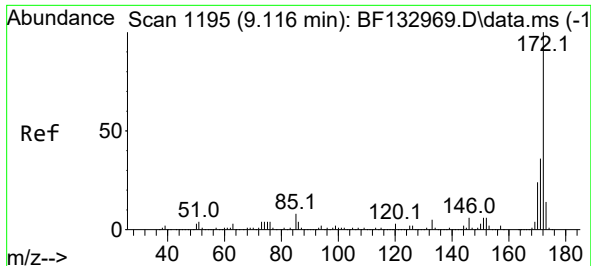
Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

141 33.8 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 14.067 ng

RT: 9.069 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF133449.D

Acq: 18 May 2023 20:45

Instrument :

BNA_F

ClientSampleId :

OK-01-051723

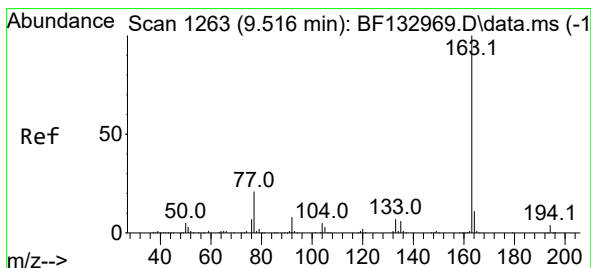
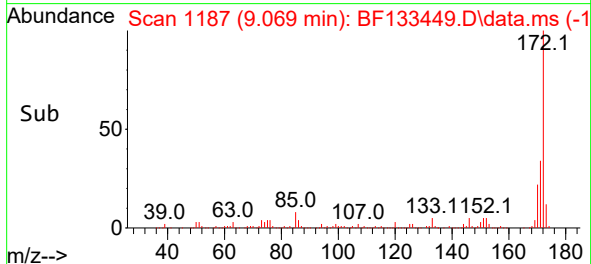
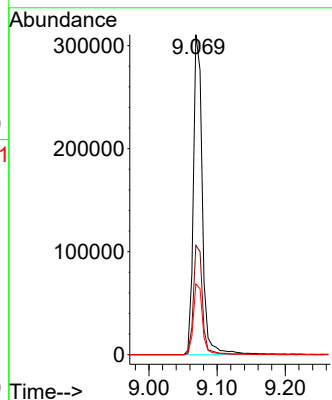
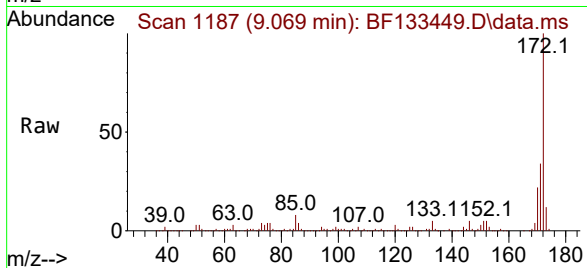
Tgt Ion:172 Resp: 282049

Ion Ratio Lower Upper

172 100

171 34.2 28.8 43.2

170 22.1 19.4 29.2



#50

Dimethylphthalate

Concen: 2.831 ng

RT: 9.751 min Scan# 1303

Delta R.T. 0.265 min

Lab File: BF133449.D

Acq: 18 May 2023 20:45

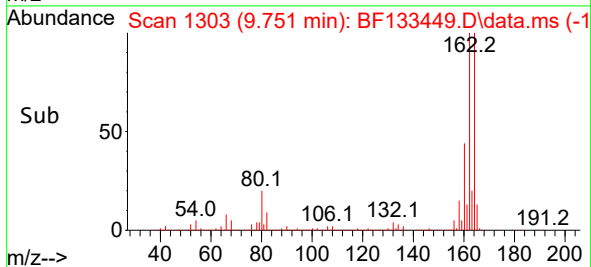
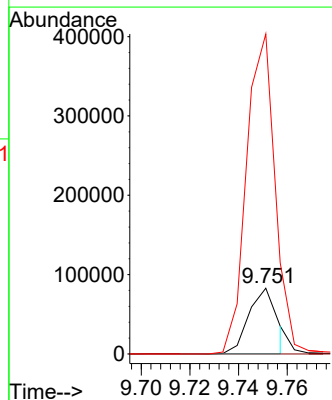
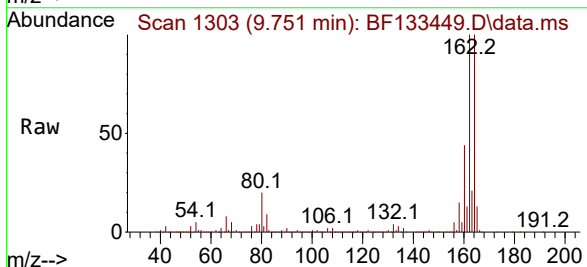
Tgt Ion:163 Resp: 66208

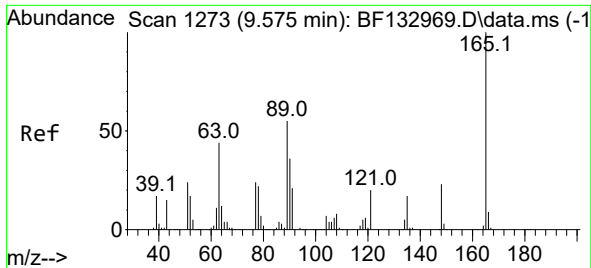
Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 486.5 8.5 12.7#

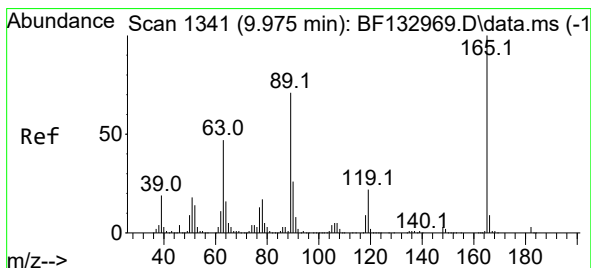
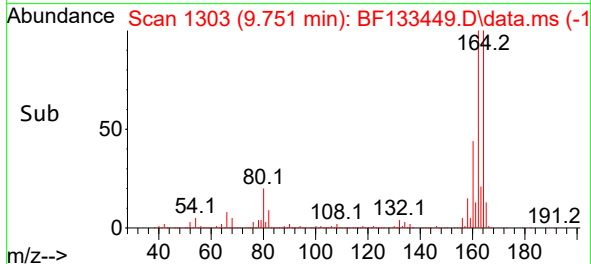
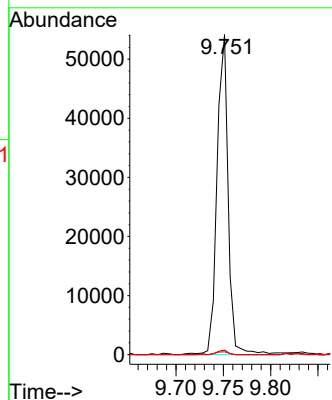
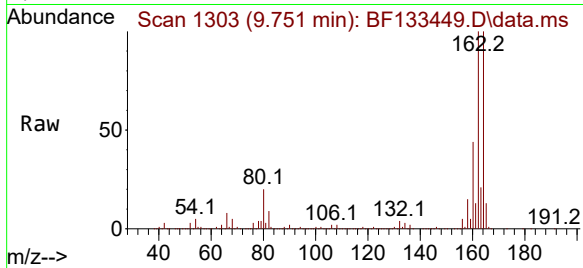




#51
2,6-Dinitrotoluene
Concen: 8.428 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133449.D
Acq: 18 May 2023 20:45

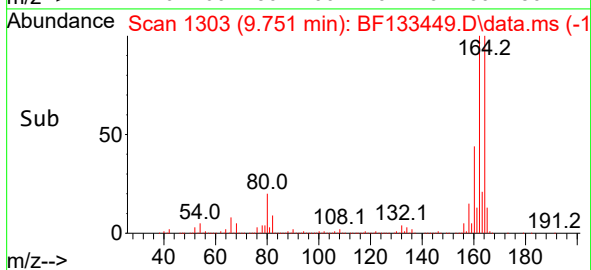
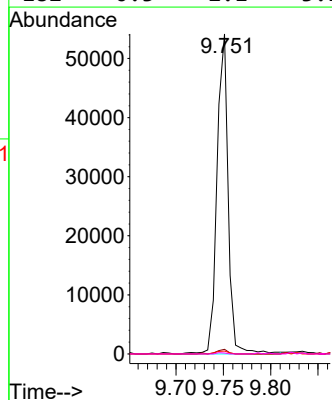
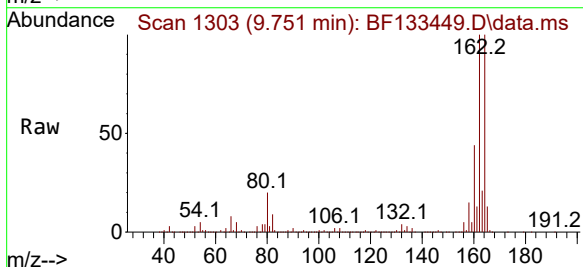
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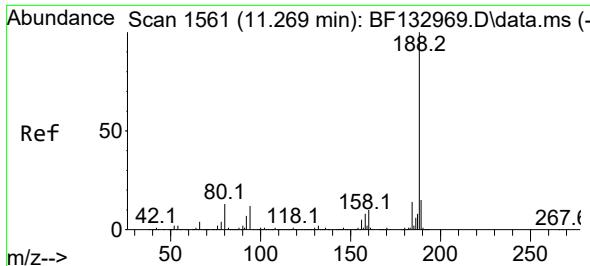
Tgt Ion:165 Resp: 44369
Ion Ratio Lower Upper
165 100
63 1.4 45.9 68.9#
89 0.9 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.609 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.200 min
Lab File: BF133449.D
Acq: 18 May 2023 20:45

Tgt Ion:165 Resp: 44369
Ion Ratio Lower Upper
165 100
63 1.4 37.7 56.5#
89 0.9 57.0 85.4#
182 0.3 2.1 3.1#

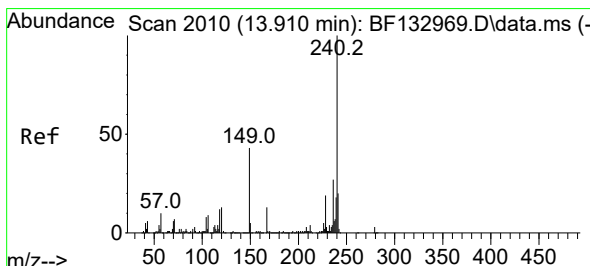
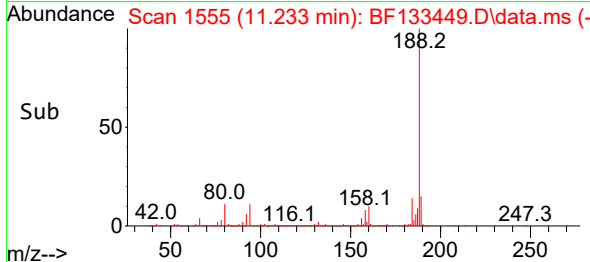
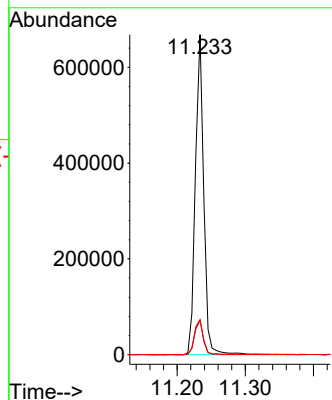
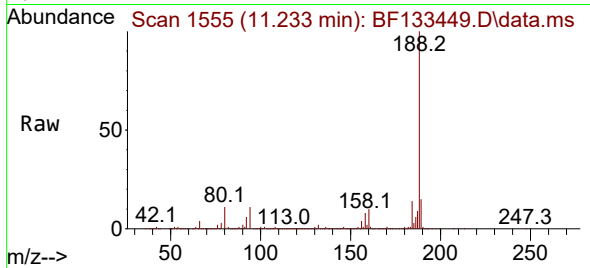




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133449.D
Acq: 18 May 2023 20:45

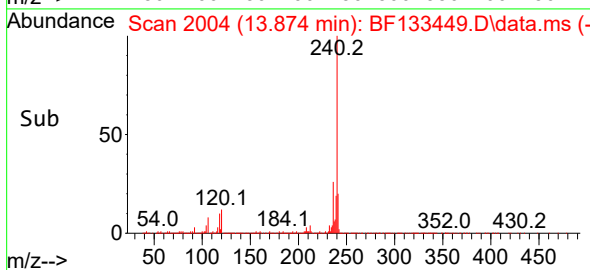
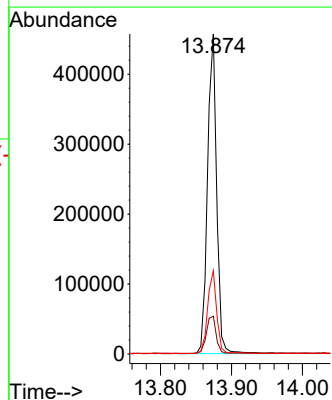
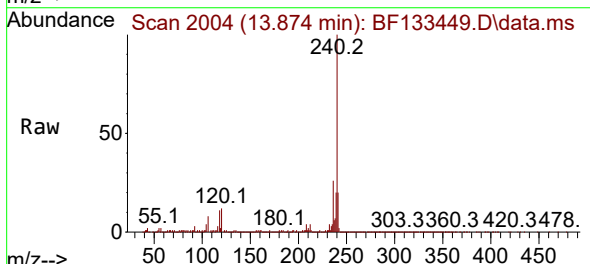
Instrument :
BNA_F
ClientSampleId :
OK-01-051723

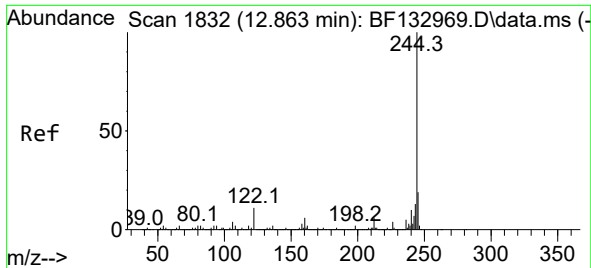
Tgt Ion:188 Resp: 565038
Ion Ratio Lower Upper
188 100
94 10.7 9.7 14.5
80 11.0 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133449.D
Acq: 18 May 2023 20:45

Tgt Ion:240 Resp: 410674
Ion Ratio Lower Upper
240 100
120 11.8 10.5 15.7
236 26.0 21.5 32.3

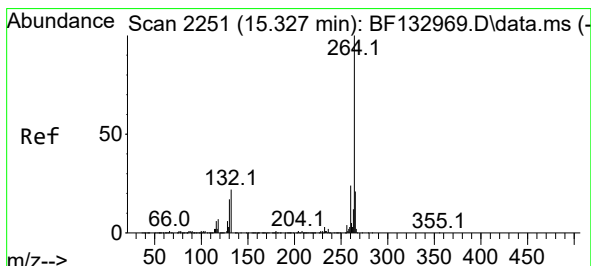
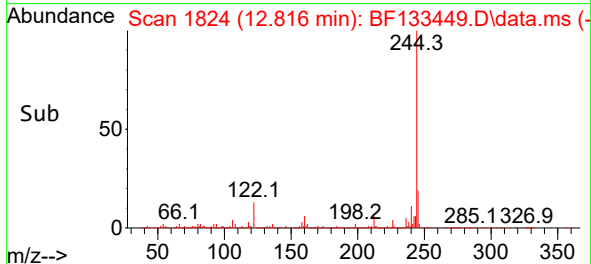
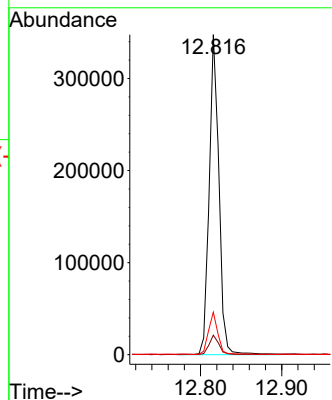
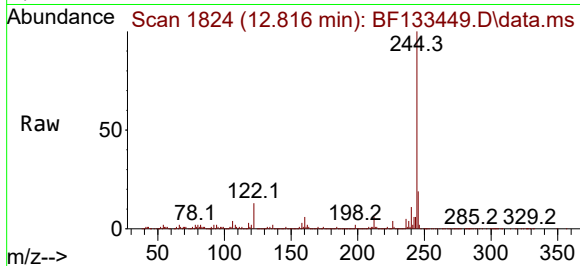




#79
 Terphenyl-d14
 Concen: 12.107 ng
 RT: 12.816 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF133449.D
 Acq: 18 May 2023 20:45

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-051723

Tgt Ion:244 Resp: 288301
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.1 7.7
 122 13.3 8.6 13.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. 0.000 min
 Lab File: BF133449.D
 Acq: 18 May 2023 20:45

Tgt Ion:264 Resp: 301866
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 22.5 17.0 25.4

