

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133342.D
 Acq On : 10 May 2023 21:11
 Operator : CG\JU
 Sample : 02691-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-504-COMP-07

Quant Time: May 11 03:43:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

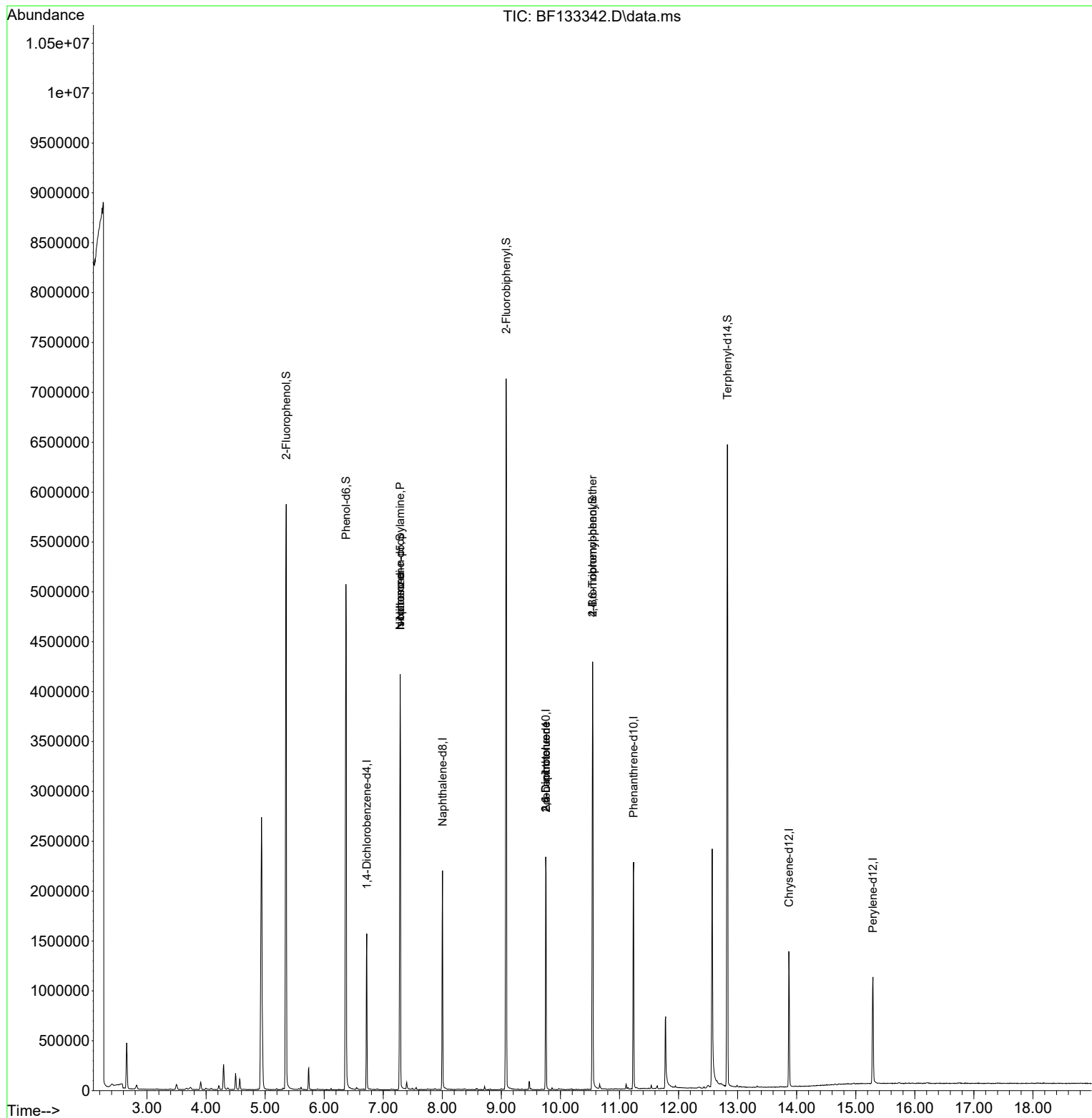
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	223485	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	929680	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	484663	20.000	ng	-0.01
64) Phenanthrene-d10	11.239	188	856047	20.000	ng	# 0.00
76) Chrysene-d12	13.868	240	431528	20.000	ng	-0.01
86) Perylene-d12	15.292	264	468646	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1897899	128.285	ng	0.03
7) Phenol-d6	6.369	99	2198381	119.719	ng	0.00
23) Nitrobenzene-d5	7.287	82	1498497	87.002	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	624791	128.183	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	2487758	85.874	ng	0.00
79) Terphenyl-d14	12.827	244	2623528	104.853	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.281	77	324	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.287	70	197501	17.276	ng	# 76
25) Isophorone	7.287	82	1495227	45.723	ng	# 63
51) 2,6-Dinitrotoluene	9.751	165	62765	8.252	ng	# 25
57) 2,4-Dinitrotoluene	9.751	165	62765	6.471	ng	# 23
67) 4-Bromophenyl-phenylether	10.545	248	39039	4.205	ng	# 1

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

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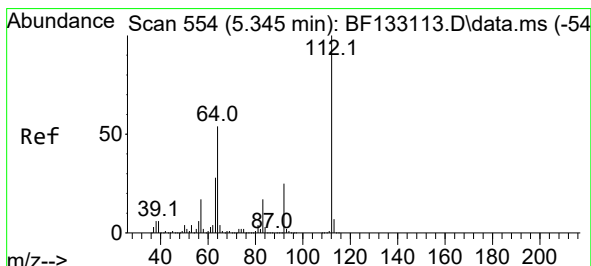
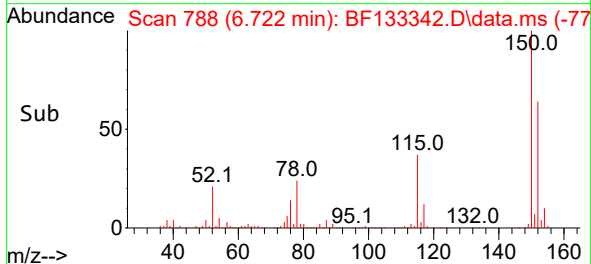
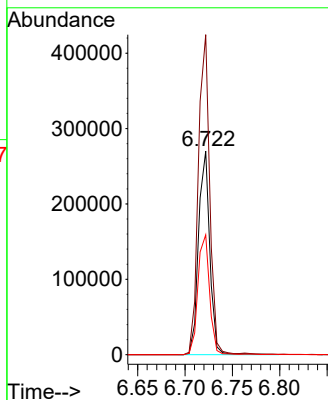
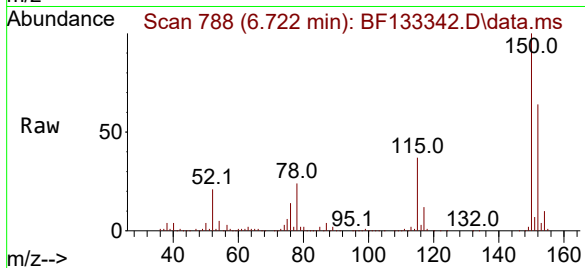




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133342.D
 Acq: 10 May 2023 21:11

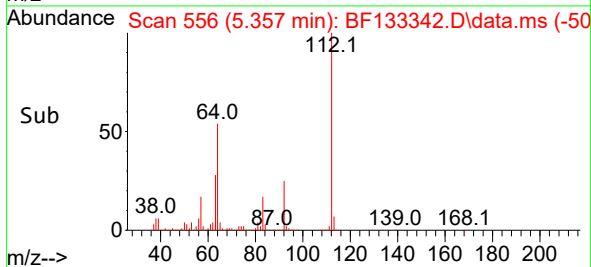
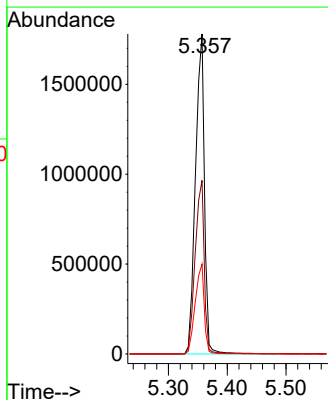
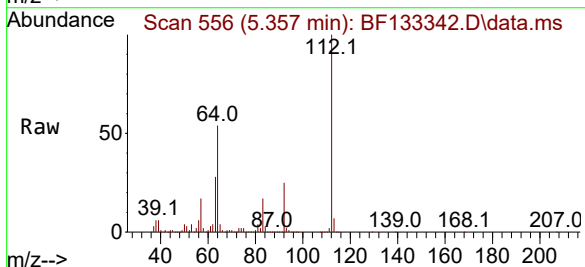
Instrument :
 BNA_F
 ClientSampleId :
 AU-504-COMP-07

Tgt Ion:152 Resp: 223485
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.8 187.2
 115 58.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 128.285 ng
 RT: 5.357 min Scan# 556
 Delta R.T. 0.030 min
 Lab File: BF133342.D
 Acq: 10 May 2023 21:11

Tgt Ion:112 Resp: 1897899
 Ion Ratio Lower Upper
 112 100
 64 54.2 46.8 70.2
 63 28.1 23.8 35.8

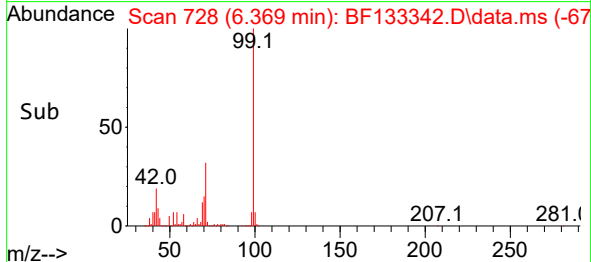
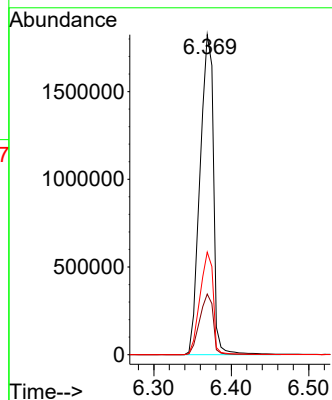
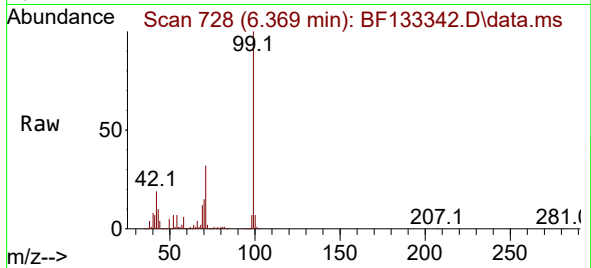




#7
Phenol-d6
Concen: 119.719 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133342.D
Acq: 10 May 2023 21:11

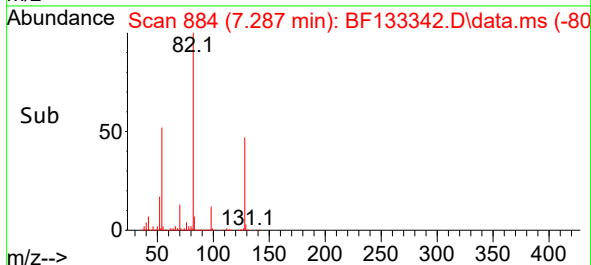
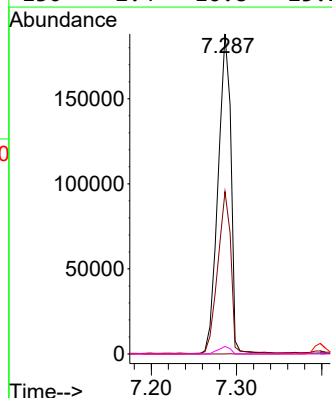
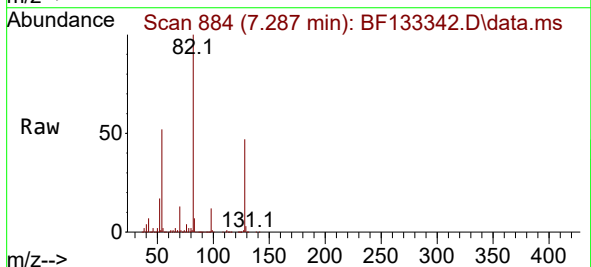
Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-07

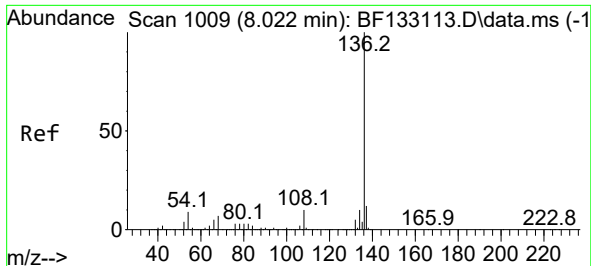
Tgt Ion: 99 Resp: 2198381
Ion Ratio Lower Upper
99 100
42 19.0 16.3 24.5
71 32.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.276 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133342.D
Acq: 10 May 2023 21:11

Tgt Ion: 70 Resp: 197501
Ion Ratio Lower Upper
70 100
42 50.7 51.8 77.6#
101 0.0 8.0 12.0#
130 2.4 16.8 25.2#

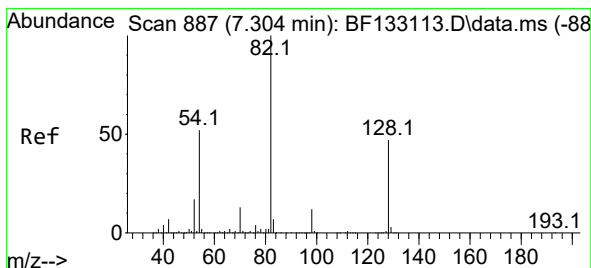
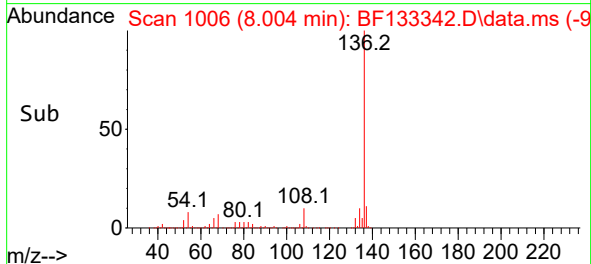
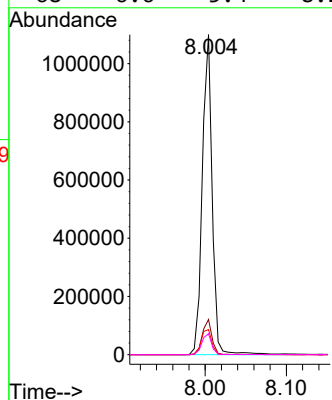
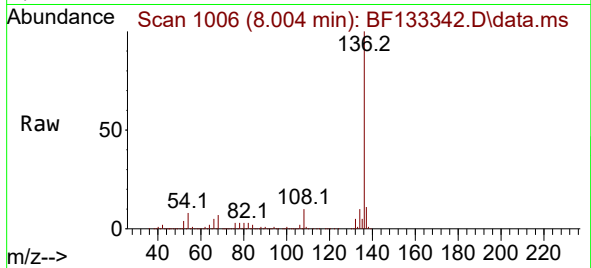




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133342.D
Acq: 10 May 2023 21:11

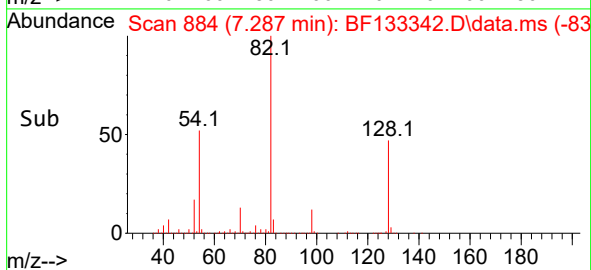
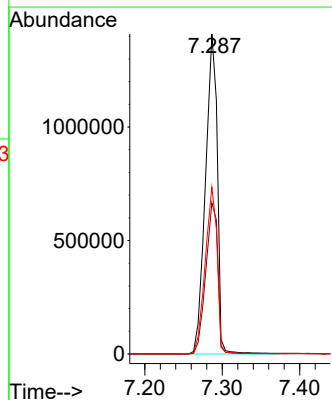
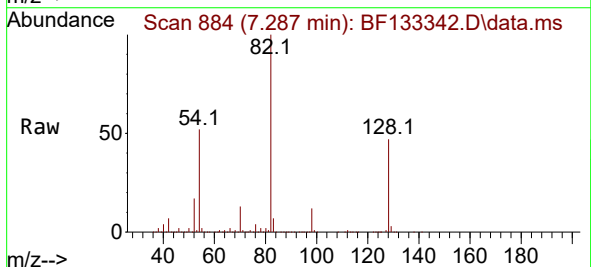
Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-07

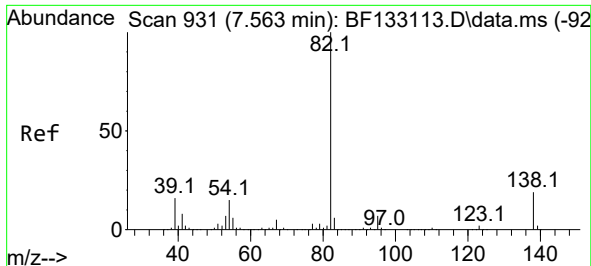
Tgt Ion:	136	Resp:	929680
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.8	7.0	10.4
68	6.6	5.4	8.2



#23
Nitrobenzene-d5
Concen: 87.002 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133342.D
Acq: 10 May 2023 21:11

Tgt Ion:	82	Resp:	1498497
Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.7	56.5
54	52.1	43.0	64.4

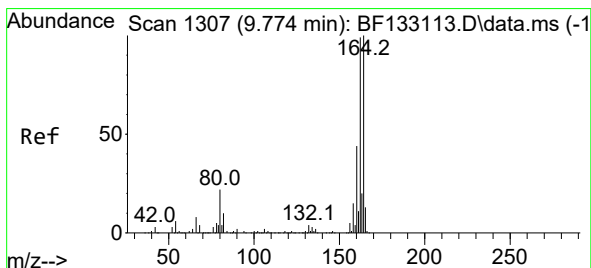
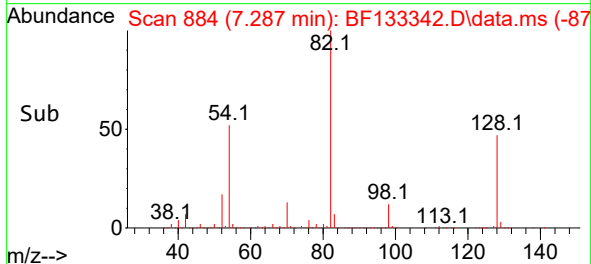
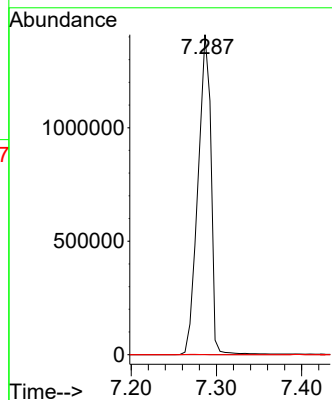
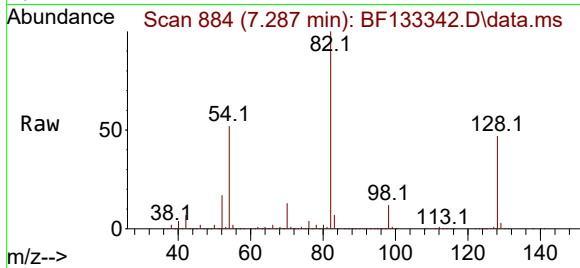




#25
Isophorone
Concen: 45.723 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133342.D
Acq: 10 May 2023 21:11

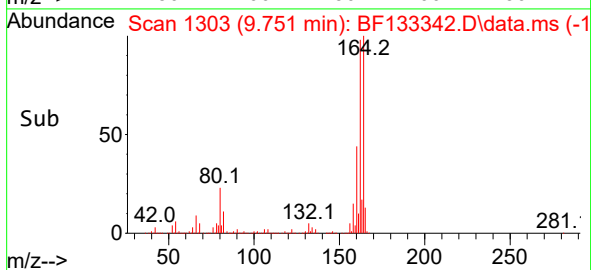
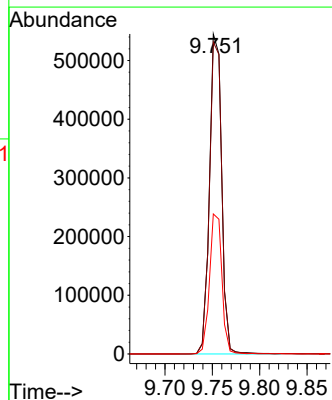
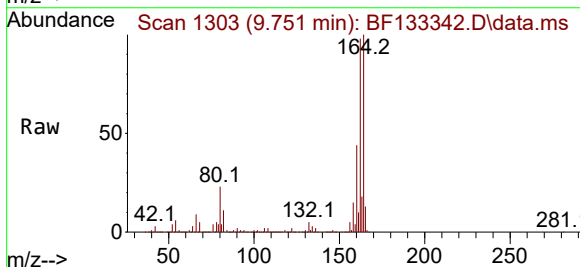
Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-07

Tgt Ion: 82 Resp: 1495227
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BF133342.D
Acq: 10 May 2023 21:11

Tgt Ion:164 Resp: 484663
Ion Ratio Lower Upper
164 100
162 97.5 78.7 118.1
160 43.8 35.8 53.6

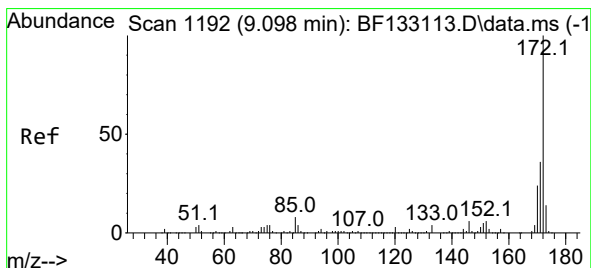
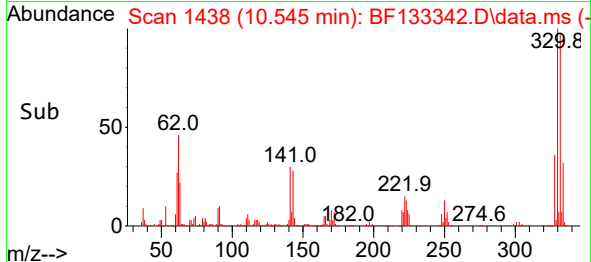
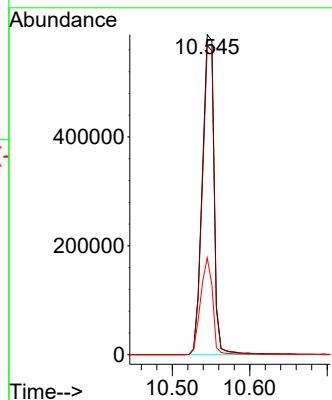
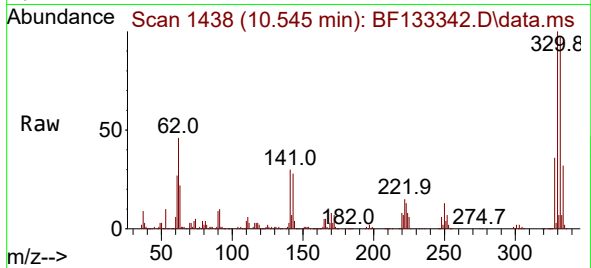




#42
2,4,6-Tribromophenol
Concen: 128.183 ng
RT: 10.545 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133342.D
Acq: 10 May 2023 21:11

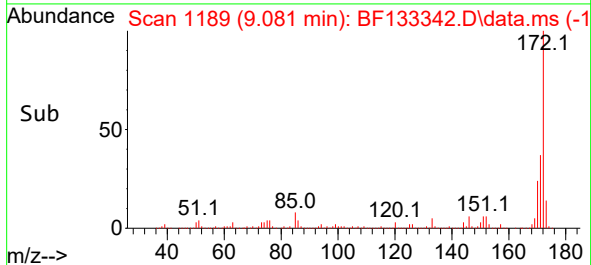
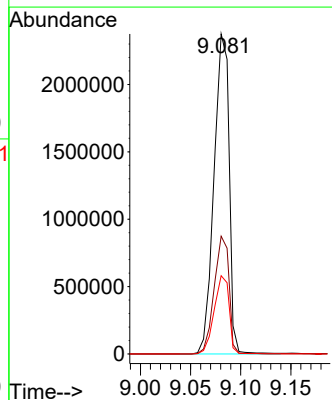
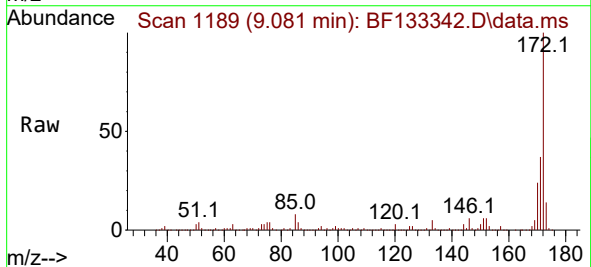
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BNA_F
ClientSampleId :
AU-504-COMP-07

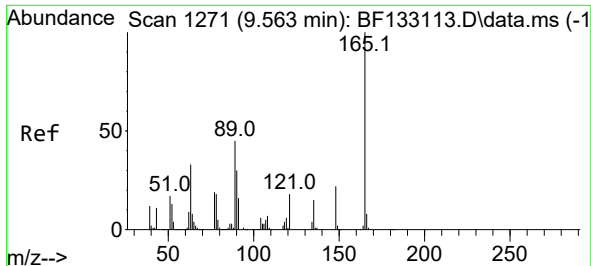
Tgt Ion:330 Resp: 624791
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 31.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 85.874 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133342.D
Acq: 10 May 2023 21:11

Tgt Ion:172 Resp: 2487758
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.4 19.4 29.2

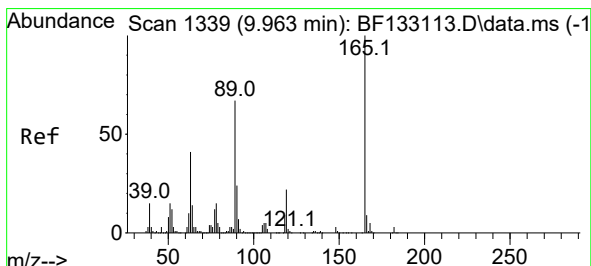
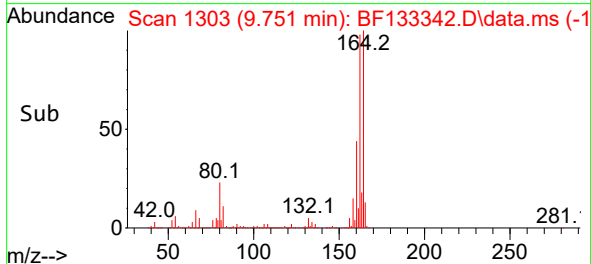
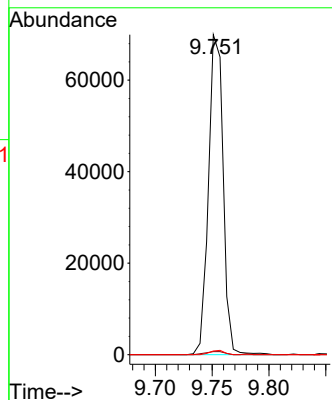
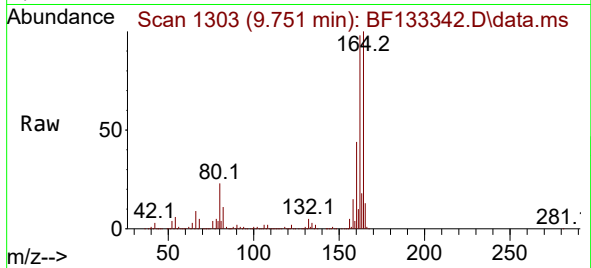




#51
2,6-Dinitrotoluene
Concen: 8.252 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.200 min
Lab File: BF133342.D
Acq: 10 May 2023 21:11

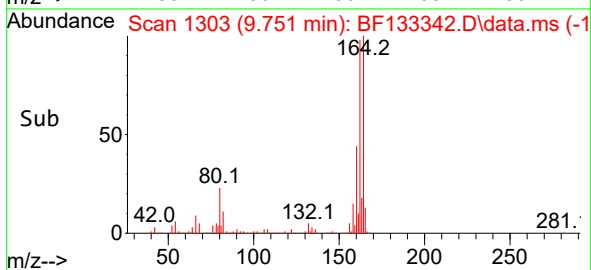
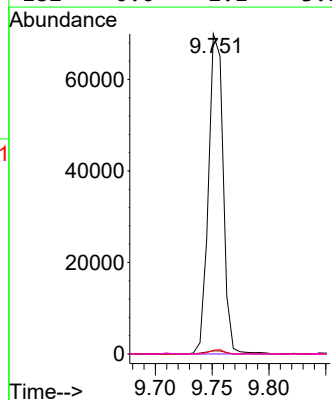
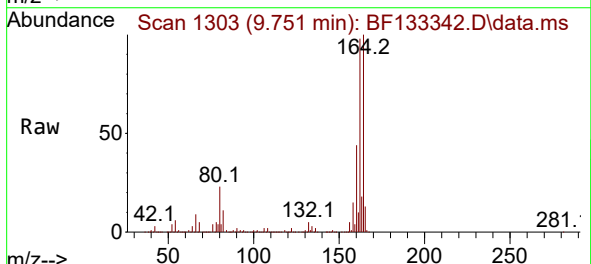
Instrument :
BNA_F
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AU-504-COMP-07

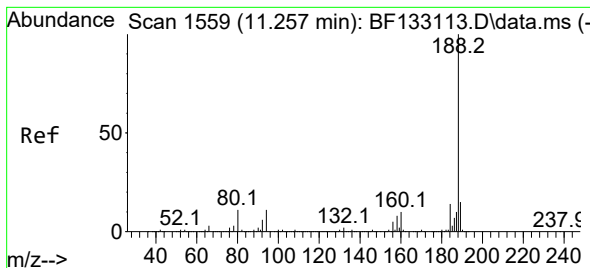
Tgt Ion:165 Resp: 62765
Ion Ratio Lower Upper
165 100
63 1.0 45.9 68.9#
89 1.1 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.471 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.206 min
Lab File: BF133342.D
Acq: 10 May 2023 21:11

Tgt Ion:165 Resp: 62765
Ion Ratio Lower Upper
165 100
63 1.0 37.7 56.5#
89 1.1 57.0 85.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133342.D

Acq: 10 May 2023 21:11

Instrument :

BNA_F

ClientSampleId :

AU-504-COMP-07

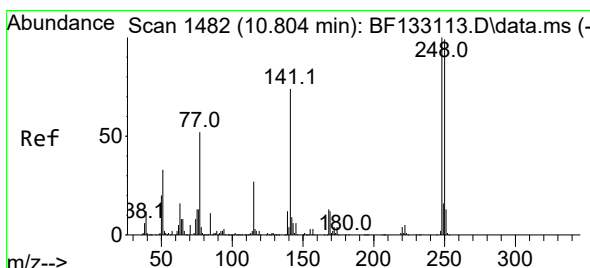
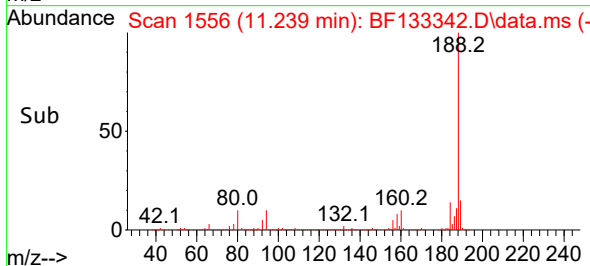
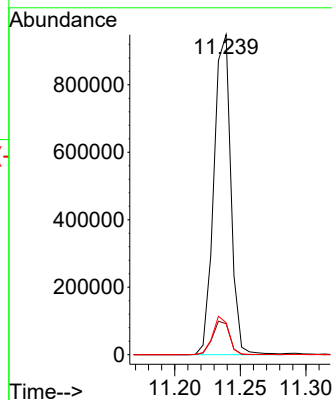
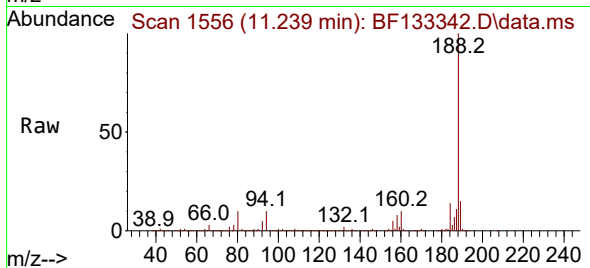
Tgt Ion:188 Resp: 856047

Ion Ratio Lower Upper

188 100

94 9.7 9.7 14.5

80 10.0 10.4 15.6#



#67

4-Bromophenyl-phenylether

Concen: 4.205 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.247 min

Lab File: BF133342.D

Acq: 10 May 2023 21:11

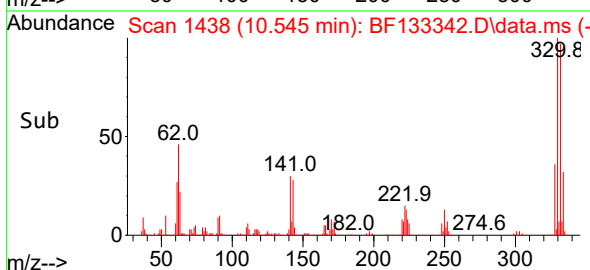
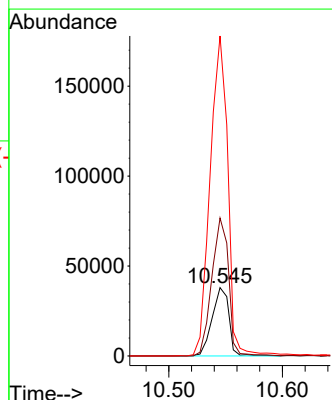
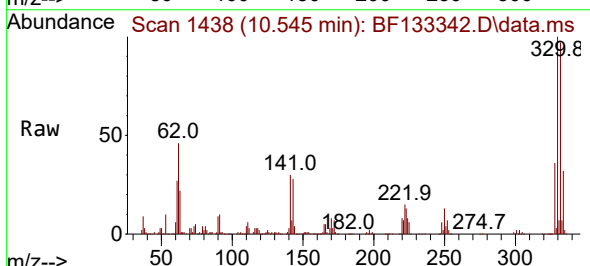
Tgt Ion:248 Resp: 39039

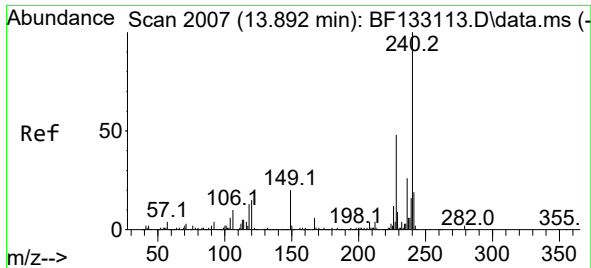
Ion Ratio Lower Upper

248 100

250 201.9 78.7 118.1#

141 468.3 56.3 84.5#

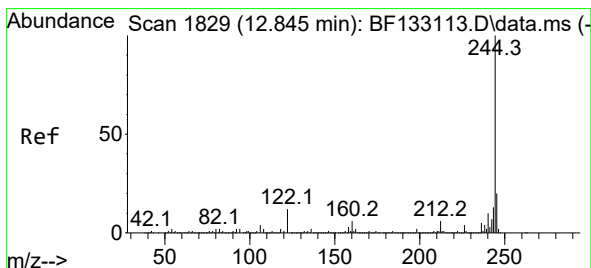
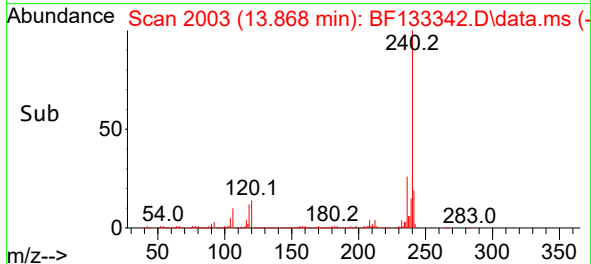
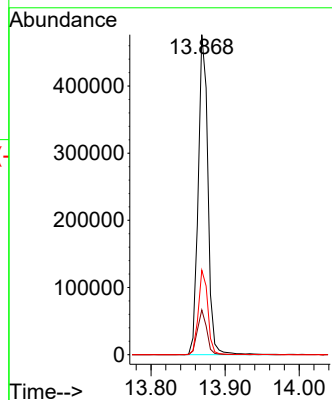
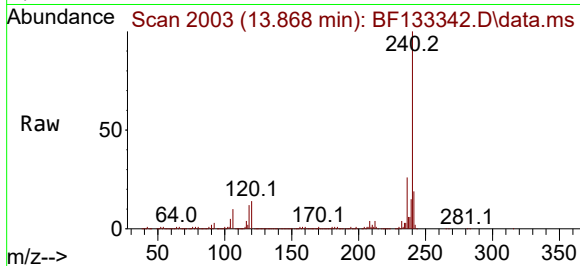




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF133342.D
Acq: 10 May 2023 21:11

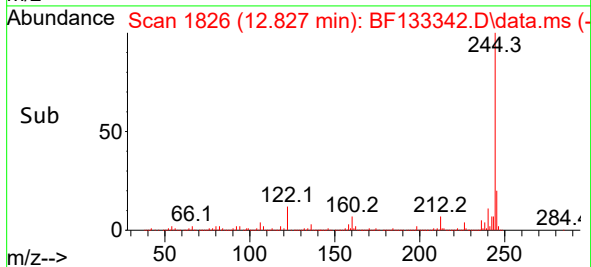
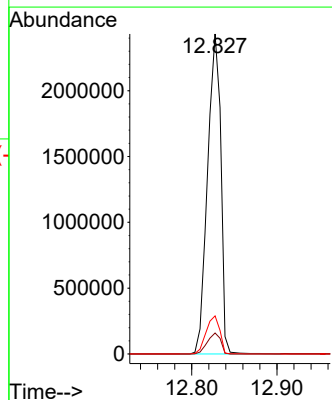
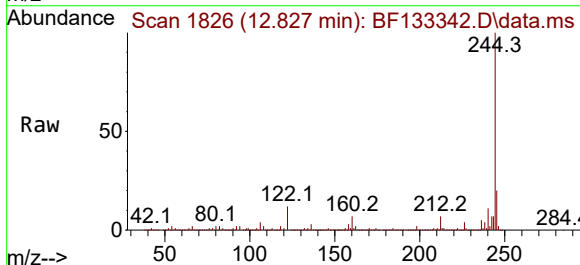
Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-07

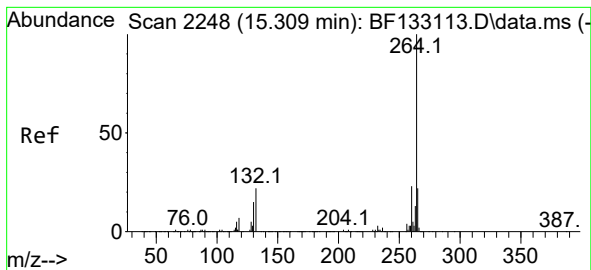
Tgt Ion:240 Resp: 431528
Ion Ratio Lower Upper
240 100
120 14.0 10.5 15.7
236 26.4 21.5 32.3



#79
Terphenyl-d14
Concen: 104.853 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF133342.D
Acq: 10 May 2023 21:11

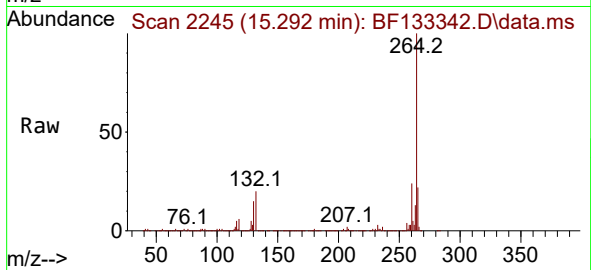
Tgt Ion:244 Resp: 2623528
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 11.9 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133342.D
Acq: 10 May 2023 21:11

Instrument :
BNA_F
ClientSampleId :
AU-504-COMP-07



Tgt Ion:264 Resp: 468646

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.9	17.0	25.4

