

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133116.D
 Acq On : 28 Apr 2023 11:18
 Operator : CG\JU
 Sample : PB152410BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152410BL

Quant Time: Apr 28 13:00:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 12:18:20 2023
 Response via : Initial Calibration

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

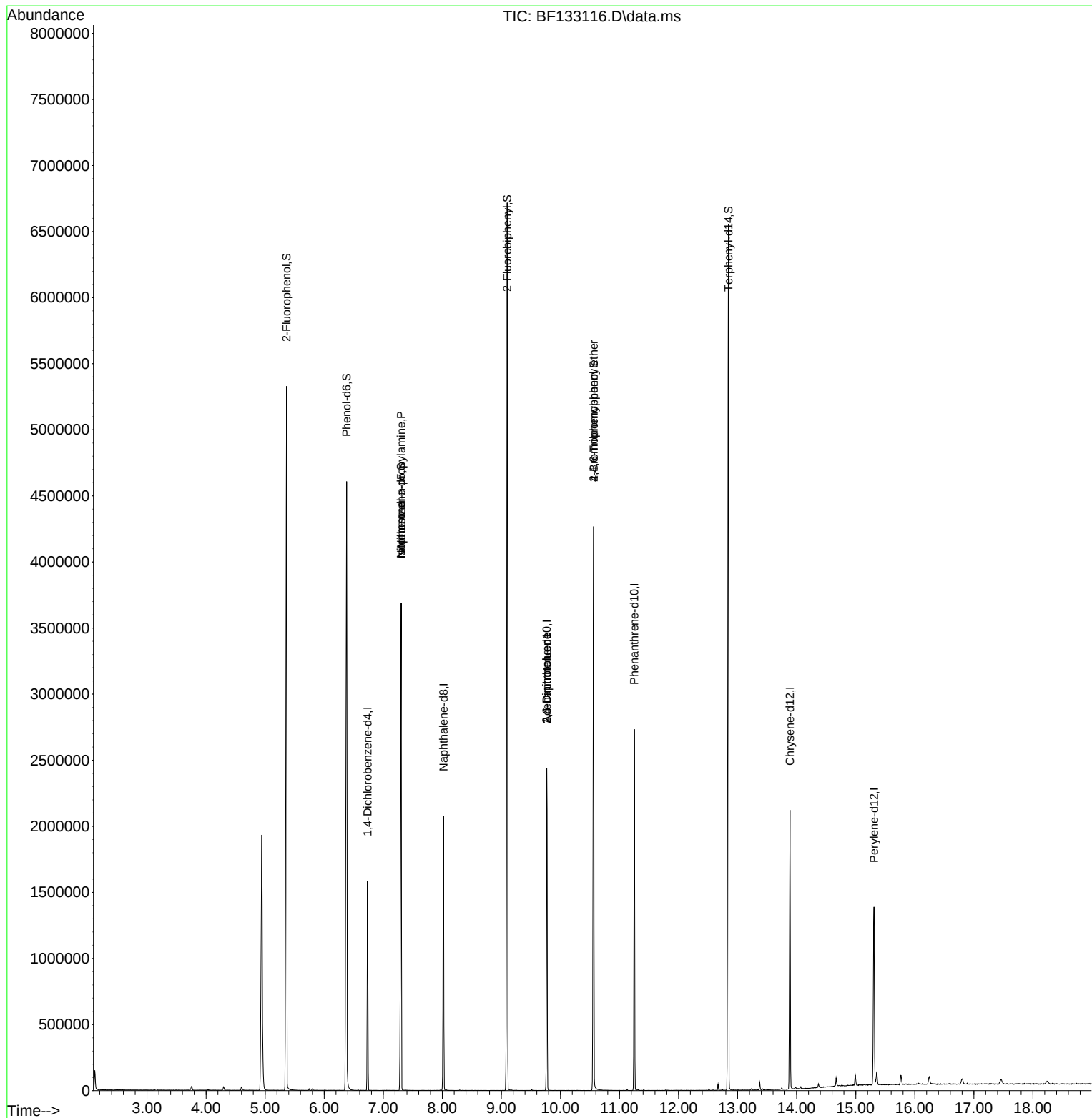
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	216131	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	918056	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	498528	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	925187	20.000	ng	0.00
76) Chrysene-d12	13.886	240	655772	20.000	ng	0.00
86) Perylene-d12	15.309	264	589586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1719628	120.190	ng	0.02
7) Phenol-d6	6.381	99	2094231	117.928	ng	0.00
23) Nitrobenzene-d5	7.304	82	1245246	73.214	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	585340	116.749	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	2243425	75.287	ng	0.00
79) Terphenyl-d14	12.845	244	2627814	69.111	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	2687	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.304	70	164301	14.861	ng	# 75
25) Isophorone	7.304	82	1238288	38.345	ng	# 63
51) 2,6-Dinitrotoluene	9.769	165	65339	8.351	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	65339	6.549	ng	# 23
67) 4-Bromophenyl-phenylether	10.563	248	37132	3.701	ng	# 1

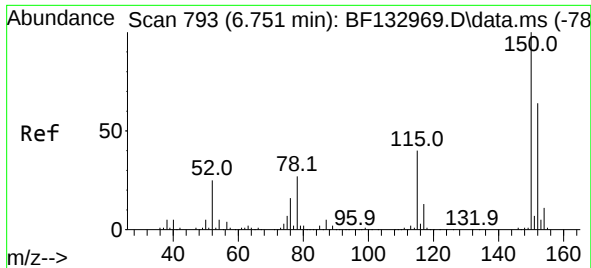
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 28 13:00:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 12:18:20 2023
Response via : Initial Calibration

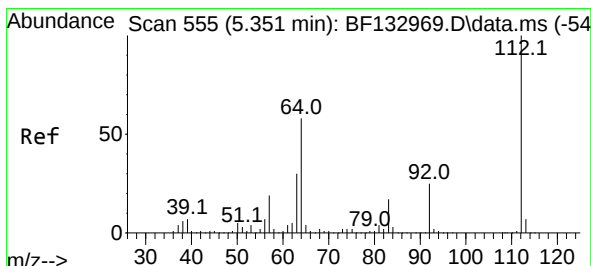
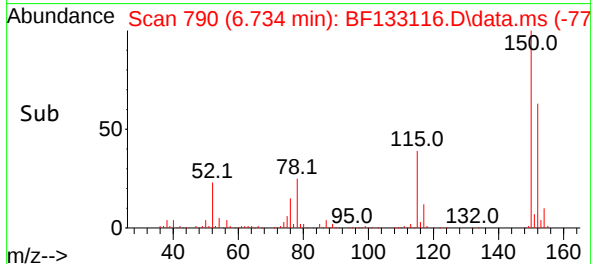
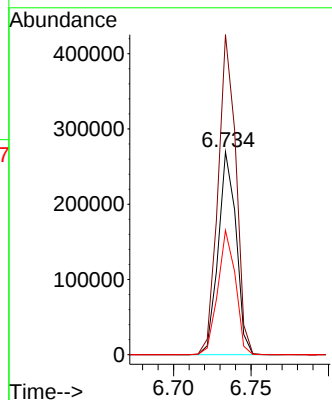
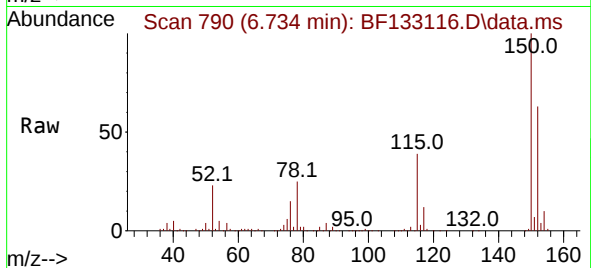




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133116.D
Acq: 28 Apr 2023 11:18

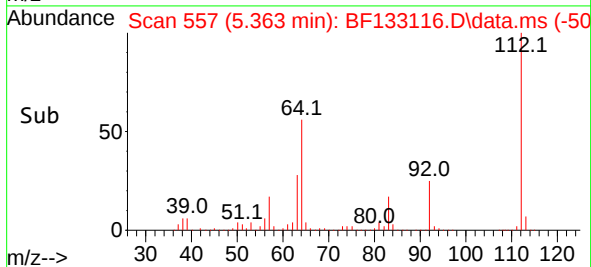
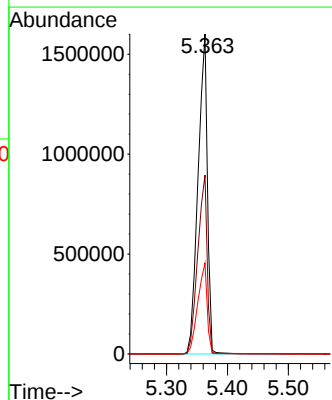
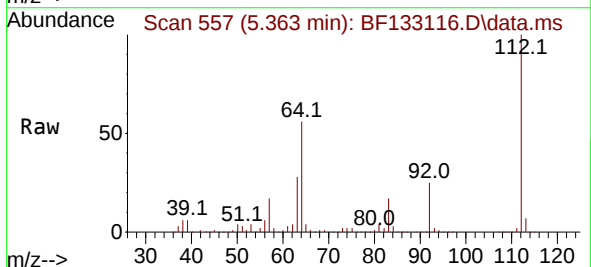
Instrument :
BNA_F
ClientSampleId :
PB152410BL

Tgt Ion:152 Resp: 216131
Ion Ratio Lower Upper
152 100
150 157.7 124.8 187.2
115 61.3 49.9 74.9



#5
2-Fluorophenol
Concen: 120.190 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.018 min
Lab File: BF133116.D
Acq: 28 Apr 2023 11:18

Tgt Ion:112 Resp: 1719628
Ion Ratio Lower Upper
112 100
64 55.9 46.8 70.2
63 28.4 23.8 35.8

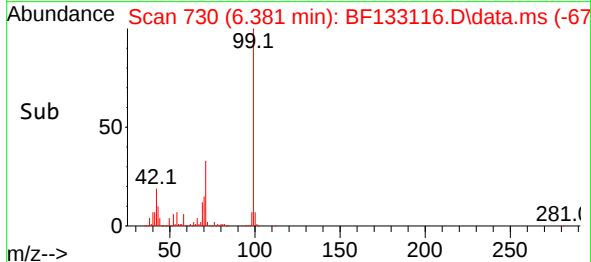
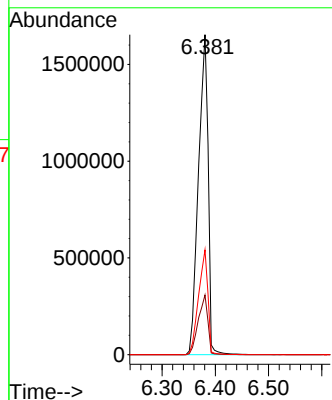
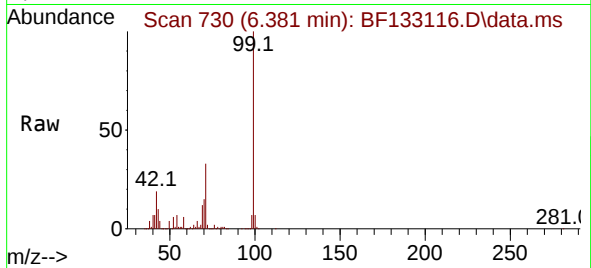




#7
Phenol-d6
Concen: 117.928 ng
RT: 6.381 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133116.D
Acq: 28 Apr 2023 11:18

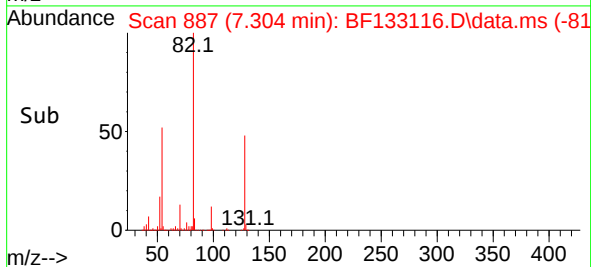
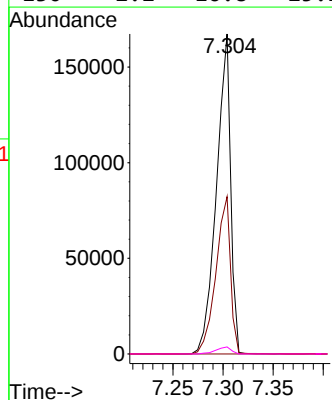
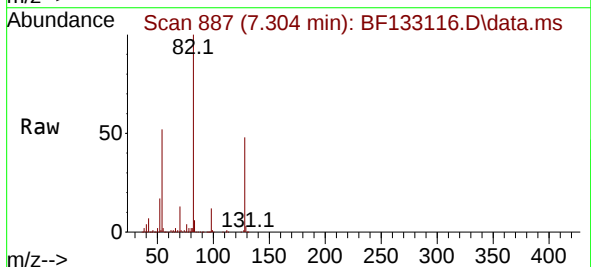
Instrument :
BNA_F
ClientSampleId :
PB152410BL

Tgt Ion: 99 Resp: 2094231
Ion Ratio Lower Upper
99 100
42 18.6 16.3 24.5
71 32.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.861 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF133116.D
Acq: 28 Apr 2023 11:18

Tgt Ion: 70 Resp: 164301
Ion Ratio Lower Upper
70 100
42 49.2 51.8 77.6#
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#

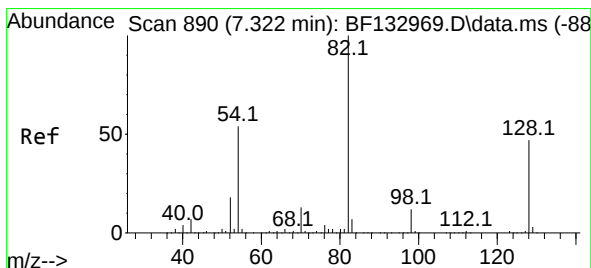
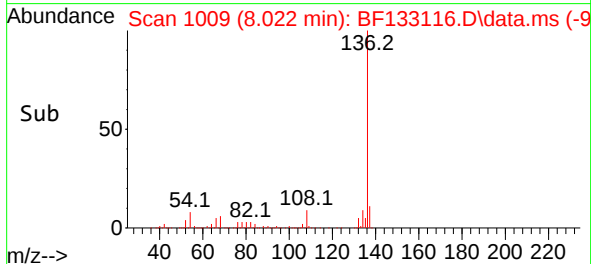
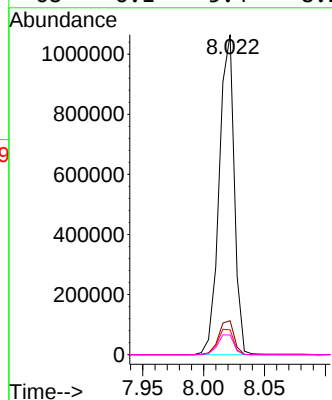
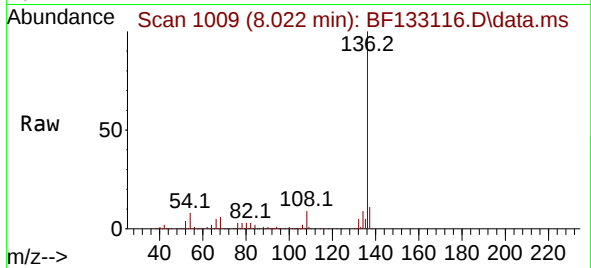




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133116.D
Acq: 28 Apr 2023 11:18

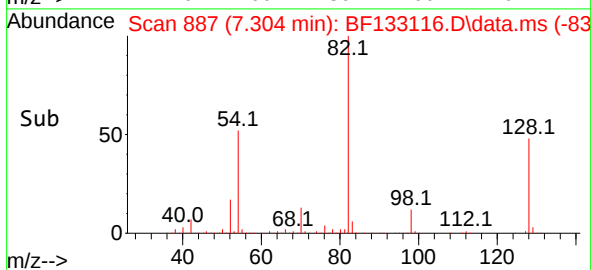
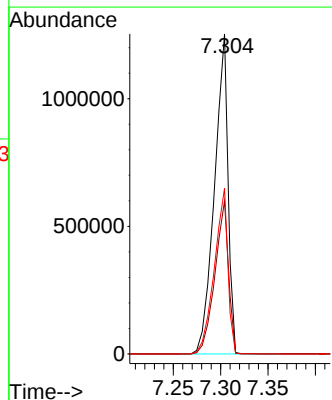
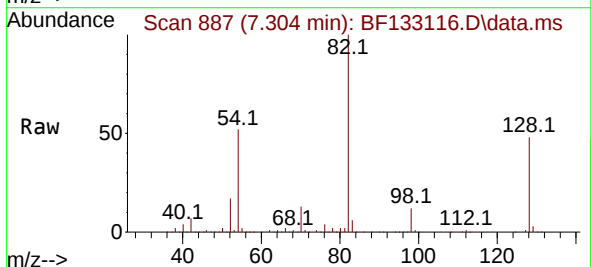
Instrument :
BNA_F
ClientSampleId :
PB152410BL

Tgt Ion:136 Resp: 918056
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.7 7.0 10.4
68 6.1 5.4 8.2



#23
Nitrobenzene-d5
Concen: 73.214 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF133116.D
Acq: 28 Apr 2023 11:18

Tgt Ion: 82 Resp: 1245246
Ion Ratio Lower Upper
82 100
128 47.8 37.7 56.5
54 51.7 43.0 64.4

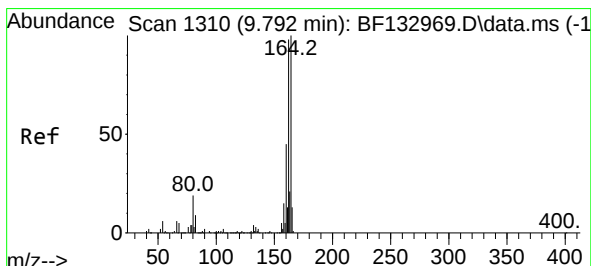
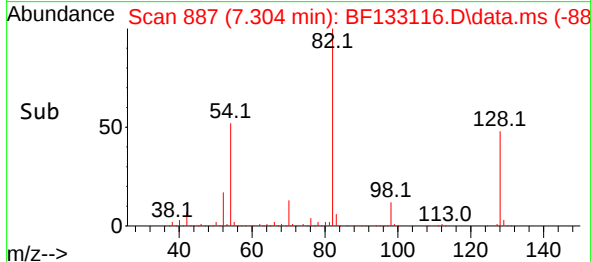
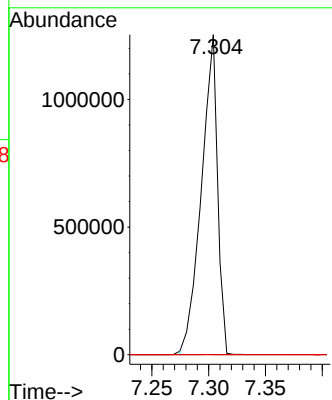
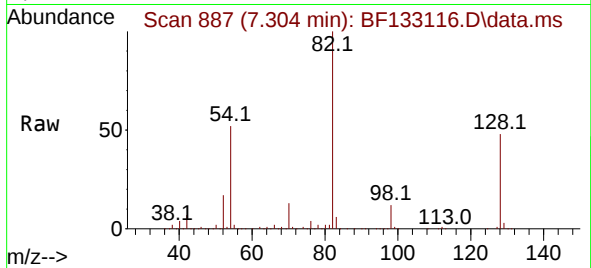




#25
Isophorone
Concen: 38.345 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133116.D
Acq: 28 Apr 2023 11:18

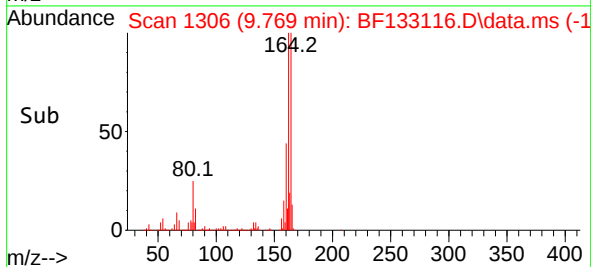
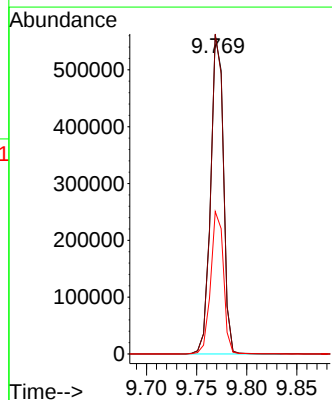
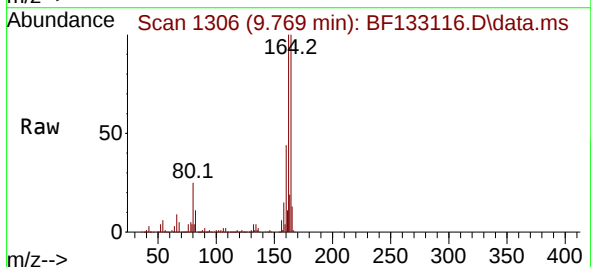
Instrument :
BNA_F
ClientSampleId :
PB152410BL

Tgt Ion: 82 Resp: 1238288
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: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133116.D
Acq: 28 Apr 2023 11:18

Tgt Ion:164 Resp: 498528
Ion Ratio Lower Upper
164 100
162 100.4 78.7 118.1
160 44.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 116.749 ng

RT: 10.563 min Scan# 1444

Delta R.T. -0.000 min

Lab File: BF133116.D

Acq: 28 Apr 2023 11:18

Instrument :

BNA_F

ClientSampleId :

PB152410BL

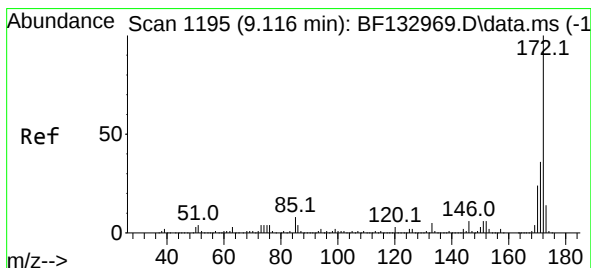
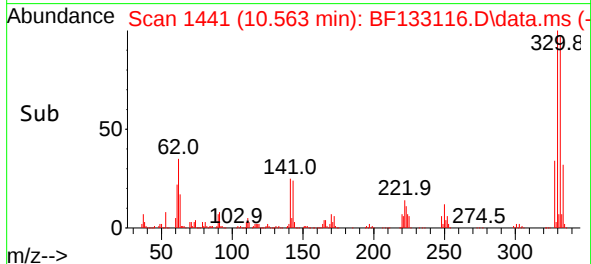
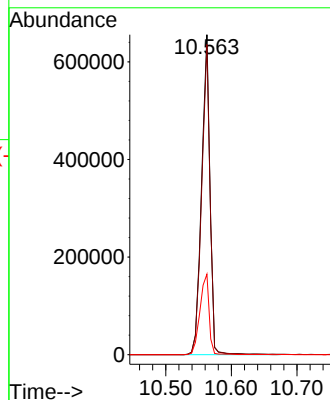
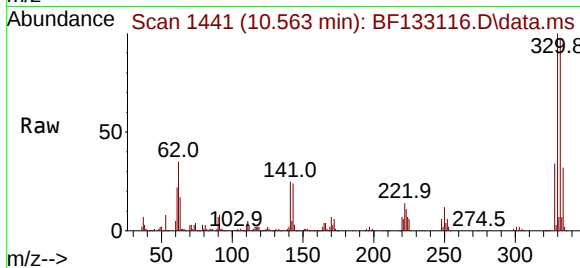
Tgt Ion:330 Resp: 585340

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 27.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 75.287 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF133116.D

Acq: 28 Apr 2023 11:18

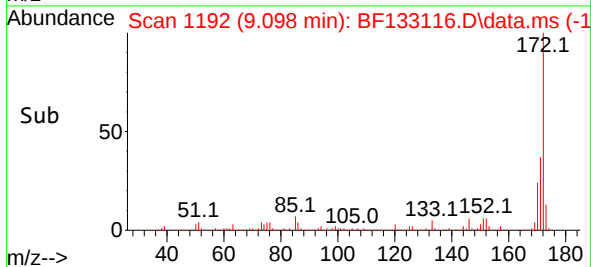
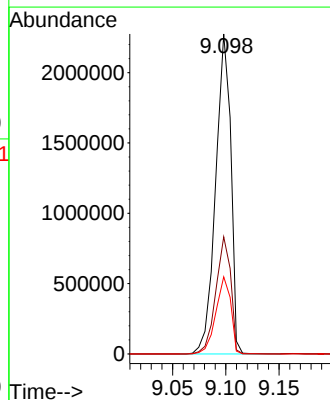
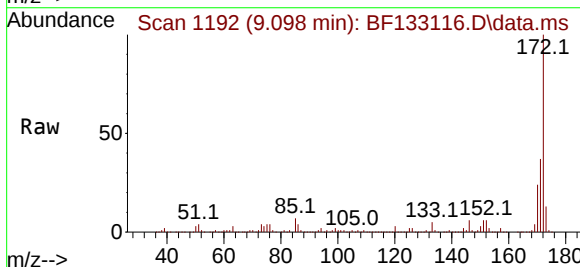
Tgt Ion:172 Resp: 2243425

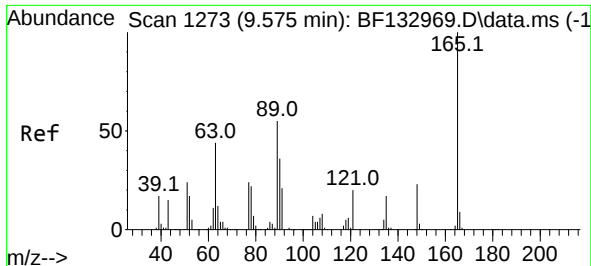
Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.1 19.4 29.2

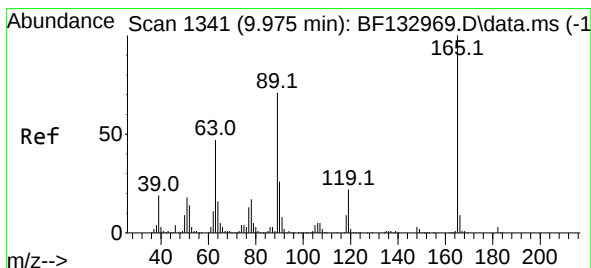
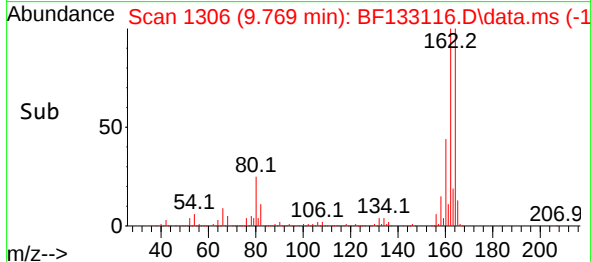
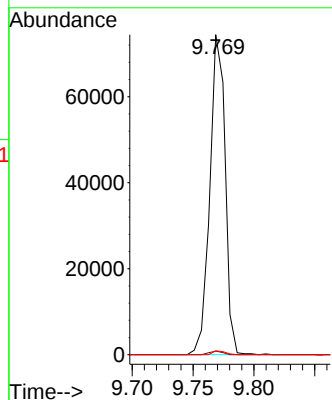
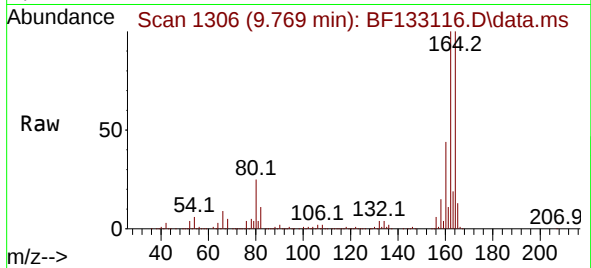




#51
2,6-Dinitrotoluene
Concen: 8.351 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133116.D
Acq: 28 Apr 2023 11:18

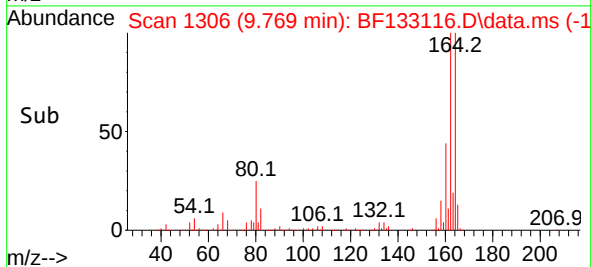
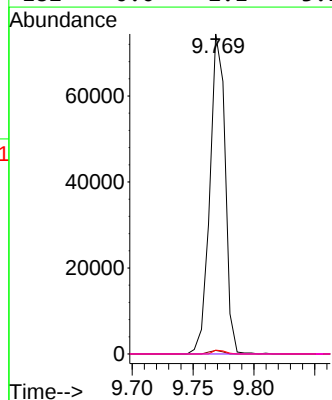
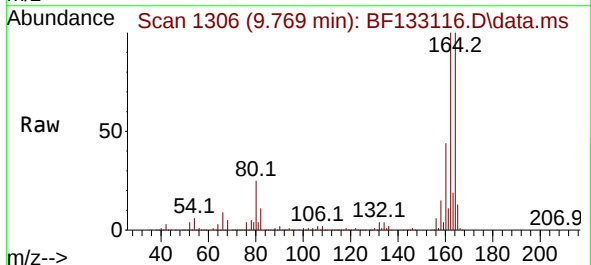
Instrument :
BNA_F
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PB152410BL

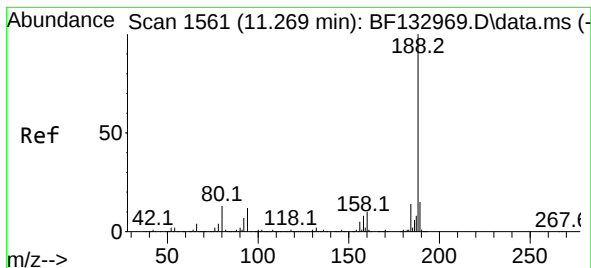
Tgt Ion:165 Resp: 65339
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.2 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.549 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF133116.D
Acq: 28 Apr 2023 11:18

Tgt Ion:165 Resp: 65339
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.2 57.0 85.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133116.D

Acq: 28 Apr 2023 11:18

Instrument :

BNA_F

ClientSampleId :

PB152410BL

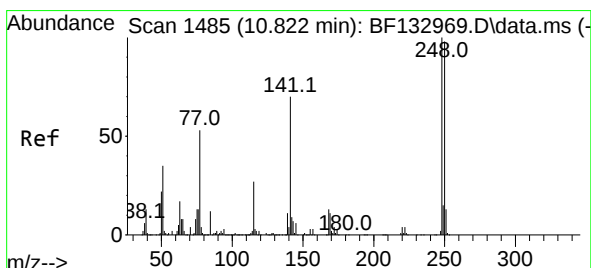
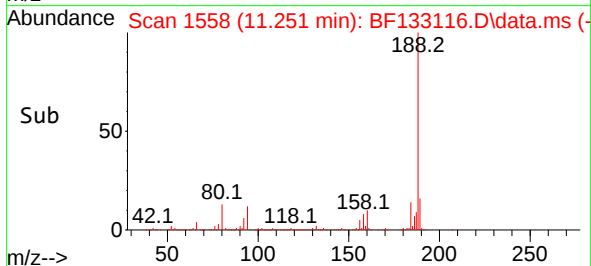
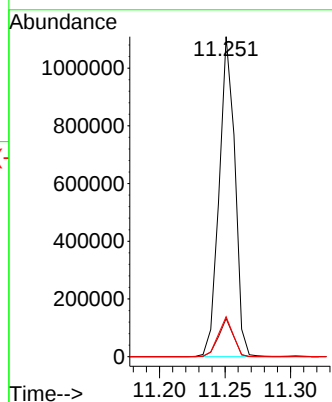
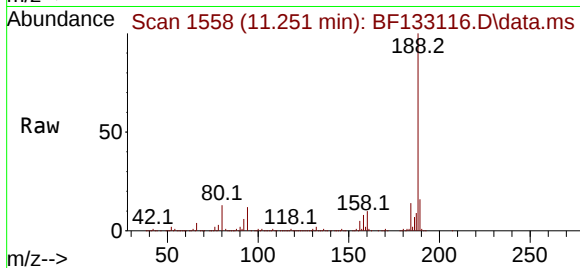
Tgt Ion:188 Resp: 925187

Ion Ratio Lower Upper

188 100

94 11.9 9.7 14.5

80 12.5 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 3.701 ng

RT: 10.563 min Scan# 1441

Delta R.T. -0.241 min

Lab File: BF133116.D

Acq: 28 Apr 2023 11:18

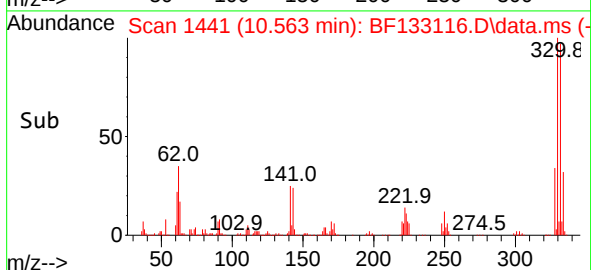
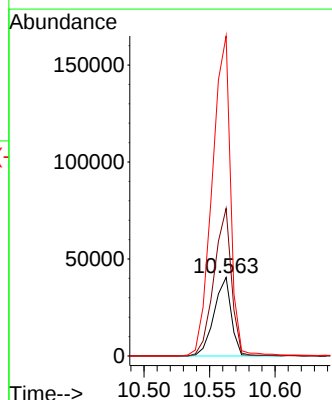
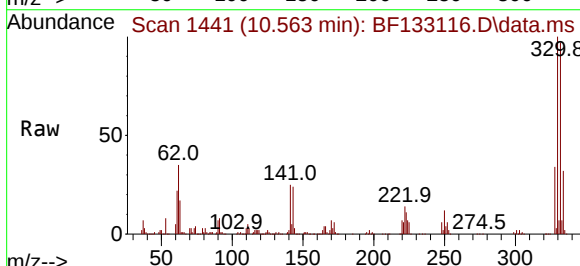
Tgt Ion:248 Resp: 37132

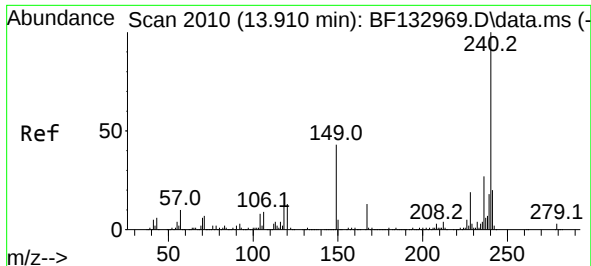
Ion Ratio Lower Upper

248 100

250 187.8 78.7 118.1#

141 407.3 56.3 84.5#

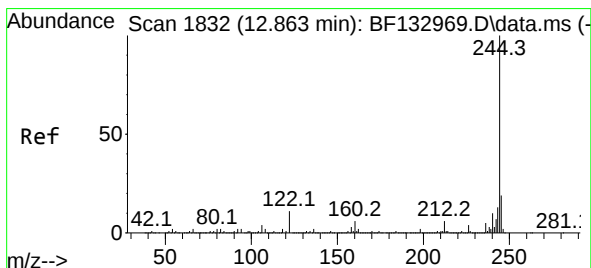
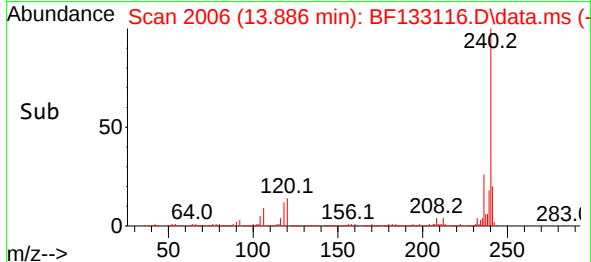
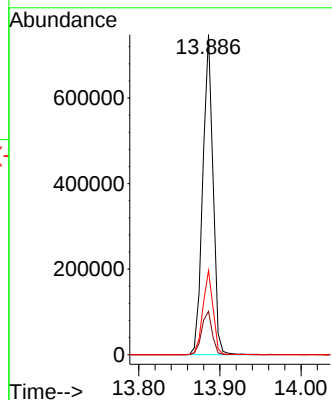
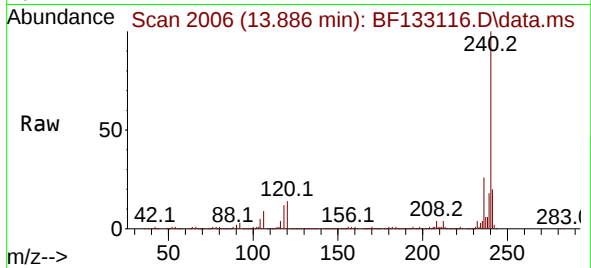




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF133116.D
Acq: 28 Apr 2023 11:18

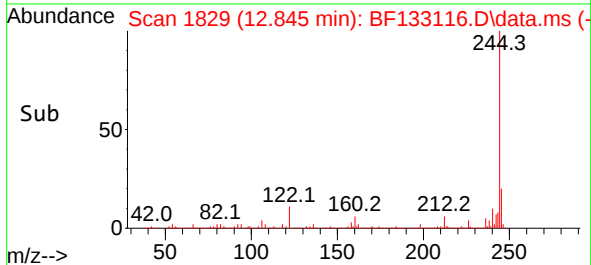
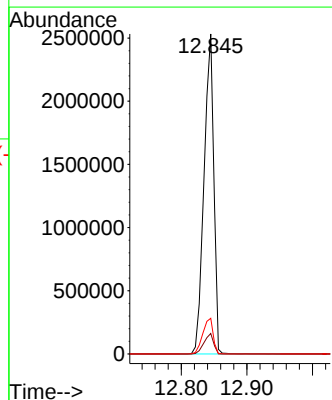
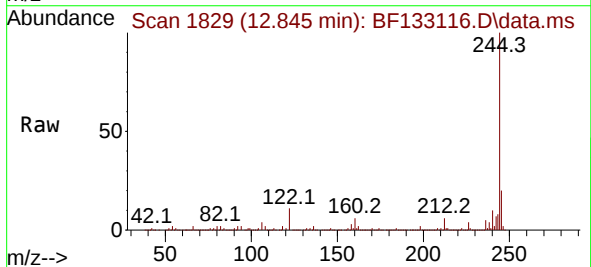
Instrument :
BNA_F
ClientSampleId :
PB152410BL

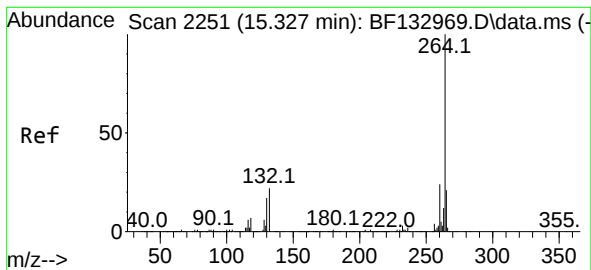
Tgt Ion:240 Resp: 655772
Ion Ratio Lower Upper
240 100
120 13.5 10.5 15.7
236 26.3 21.5 32.3



#79
Terphenyl-d14
Concen: 69.111 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF133116.D
Acq: 28 Apr 2023 11:18

Tgt Ion:244 Resp: 2627814
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 11.2 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.309 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133116.D
Acq: 28 Apr 2023 11:18

Instrument :
BNA_F
ClientSampleId :
PB152410BL

Tgt Ion:264 Resp: 589586
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 21.7 17.0 25.4

