

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133114.D
 Acq On : 28 Apr 2023 10:16
 Operator : CG\JU
 Sample : PB152460BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152460BL

Quant Time: Apr 28 13:00:13 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)

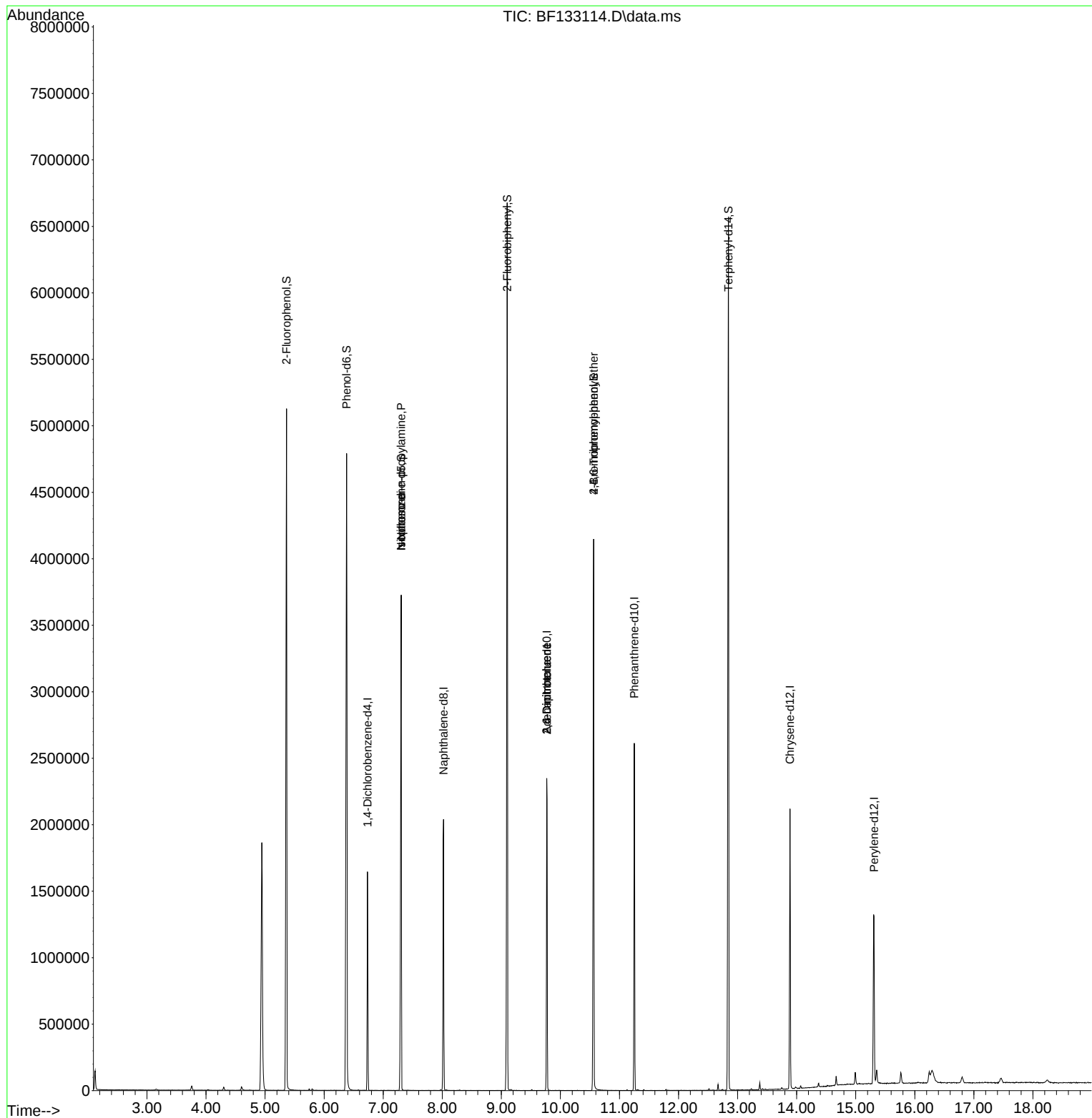
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	222354	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	909738	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	497178	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	894791	20.000	ng	0.00
76) Chrysene-d12	13.886	240	645193	20.000	ng	0.00
86) Perylene-d12	15.310	264	589322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1707193	115.982	ng	0.02
7) Phenol-d6	6.381	99	2136652	116.949	ng	0.00
23) Nitrobenzene-d5	7.304	82	1240078	73.577	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	570808	114.160	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	2221086	74.739	ng	0.00
79) Terphenyl-d14	12.845	244	2601104	69.530	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.381	77	2830	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.304	70	164094	14.427	ng	# 75
25) Isophorone	7.304	82	1233634	38.551	ng	# 63
51) 2,6-Dinitrotoluene	9.769	165	63397	8.125	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	63397	6.371	ng	# 23
67) 4-Bromophenyl-phenylether	10.563	248	34723	3.578	ng	# 1

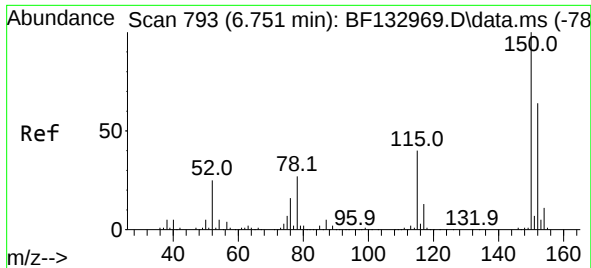
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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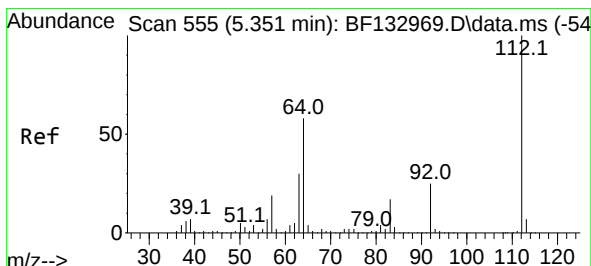
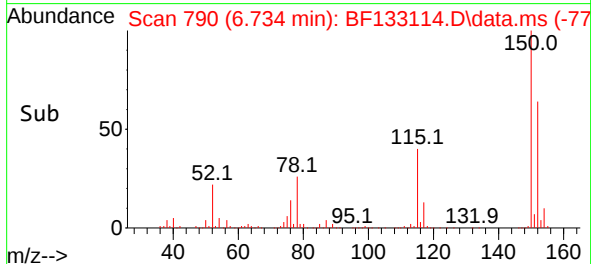
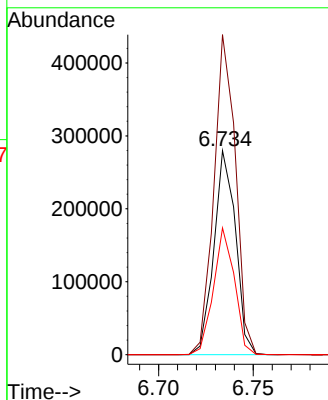
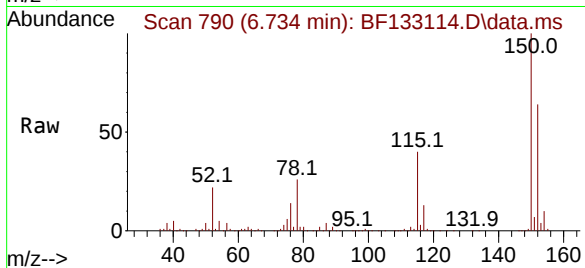




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133114.D
Acq: 28 Apr 2023 10:16

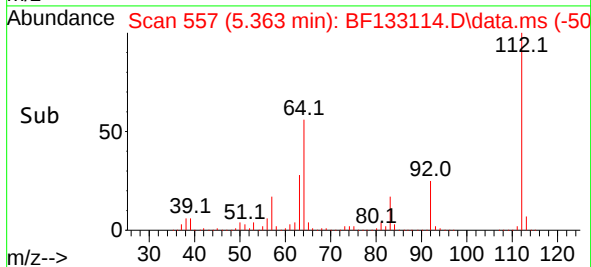
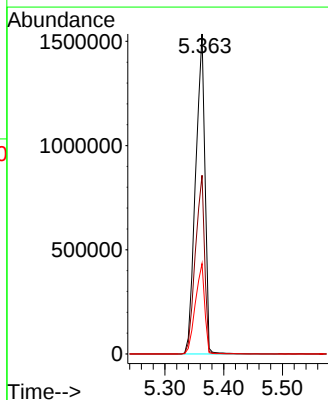
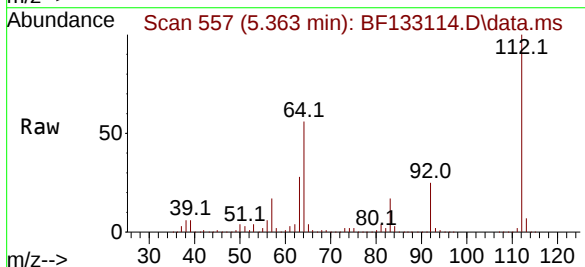
Instrument :
BNA_F
ClientSampleId :
PB152460BL

Tgt Ion:152 Resp: 222354
Ion Ratio Lower Upper
152 100
150 156.8 124.8 187.2
115 62.1 49.9 74.9



#5
2-Fluorophenol
Concen: 115.982 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.018 min
Lab File: BF133114.D
Acq: 28 Apr 2023 10:16

Tgt Ion:112 Resp: 1707193
Ion Ratio Lower Upper
112 100
64 55.9 46.8 70.2
63 28.2 23.8 35.8

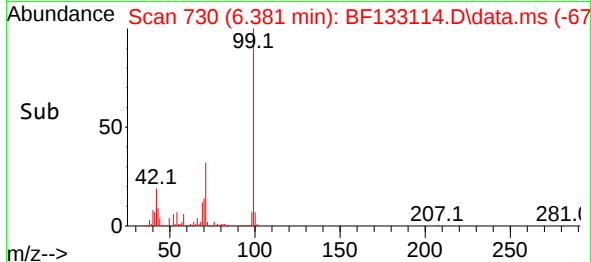
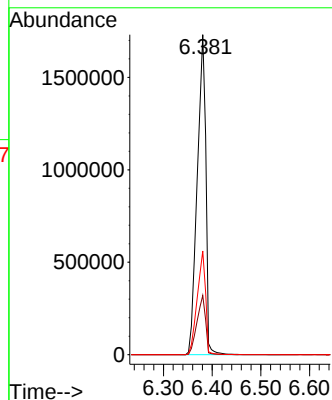
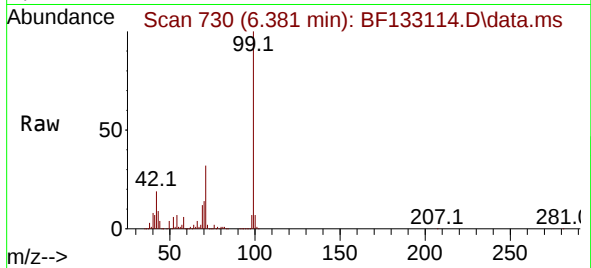




#7
Phenol-d6
Concen: 116.949 ng
RT: 6.381 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133114.D
Acq: 28 Apr 2023 10:16

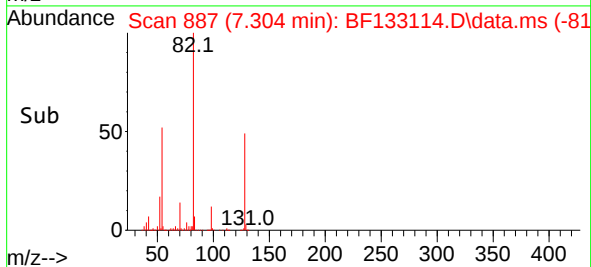
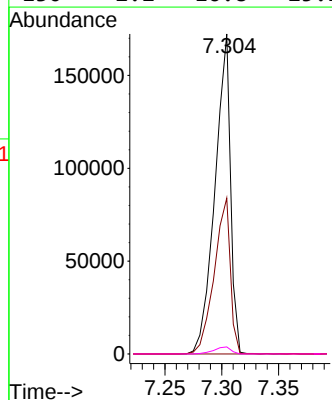
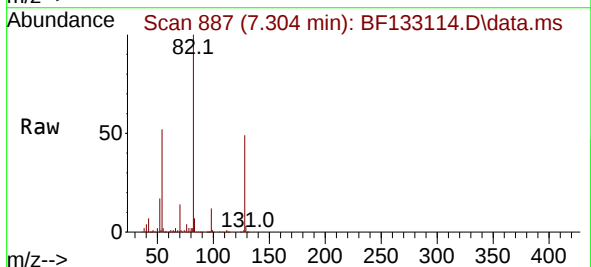
Instrument :
BNA_F
ClientSampleId :
PB152460BL

Tgt Ion: 99 Resp: 2136652
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 32.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.427 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF133114.D
Acq: 28 Apr 2023 10:16

Tgt Ion: 70 Resp: 164094
Ion Ratio Lower Upper
70 100
42 48.7 51.8 77.6#
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#

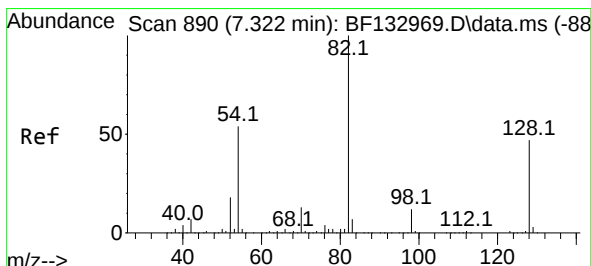
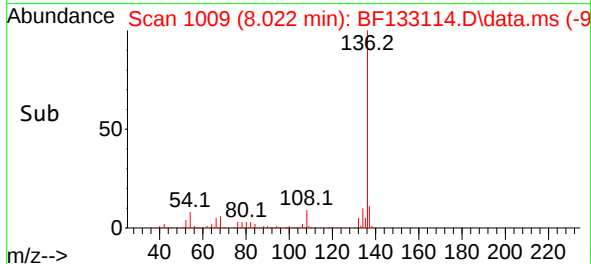
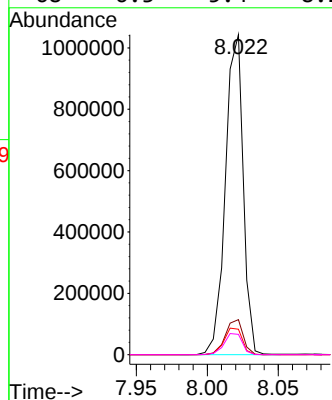
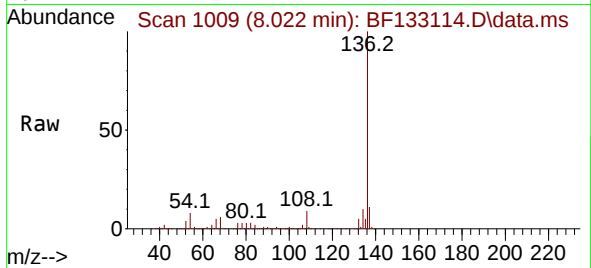




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133114.D
Acq: 28 Apr 2023 10:16

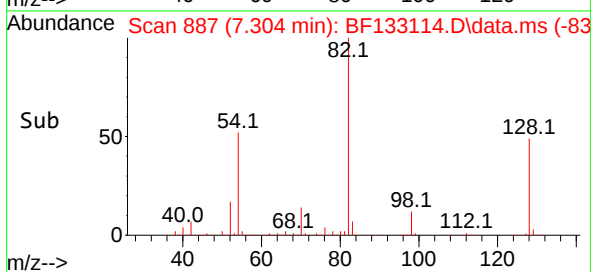
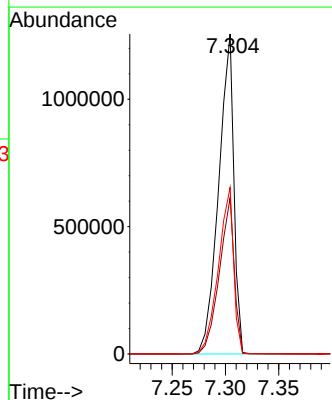
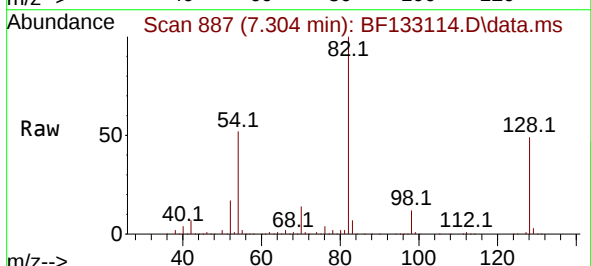
Instrument :
BNA_F
ClientSampleId :
PB152460BL

Tgt Ion:136 Resp: 909738
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.9 7.0 10.4
68 6.3 5.4 8.2



#23
Nitrobenzene-d5
Concen: 73.577 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF133114.D
Acq: 28 Apr 2023 10:16

Tgt Ion: 82 Resp: 1240078
Ion Ratio Lower Upper
82 100
128 48.9 37.7 56.5
54 52.0 43.0 64.4

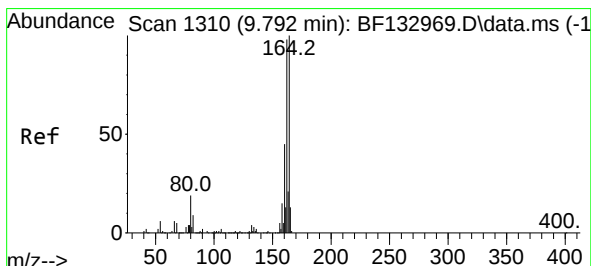
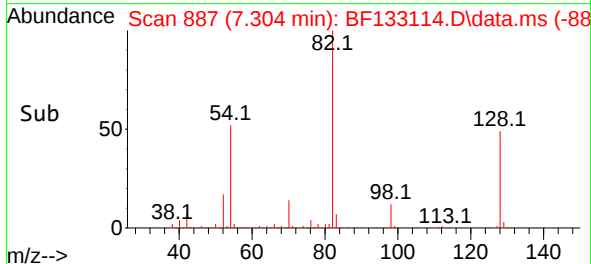
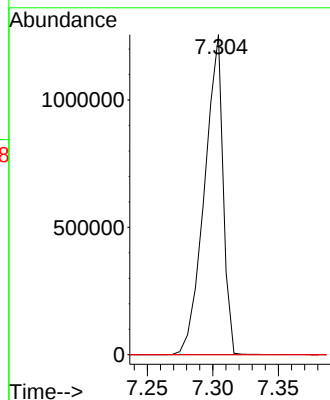
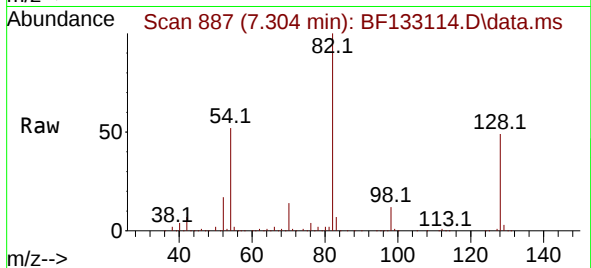




#25
Isophorone
Concen: 38.551 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133114.D
Acq: 28 Apr 2023 10:16

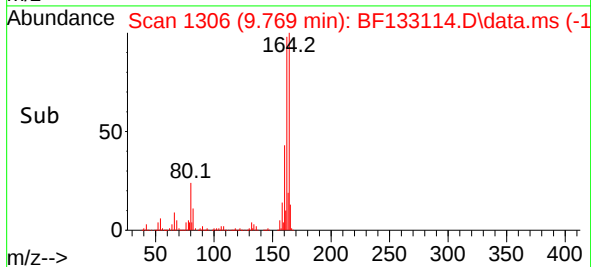
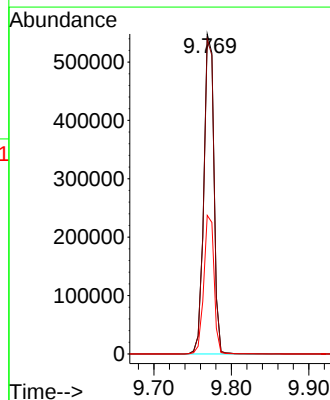
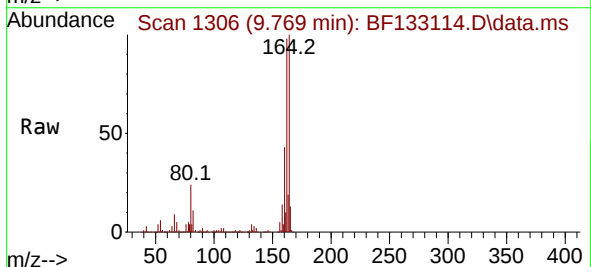
Instrument :
BNA_F
ClientSampleId :
PB152460BL

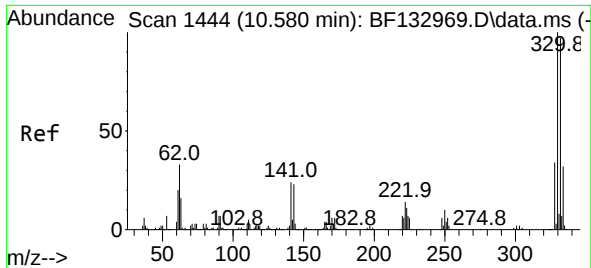
Tgt Ion: 82 Resp: 1233634
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133114.D
Acq: 28 Apr 2023 10:16

Tgt Ion:164 Resp: 497178
Ion Ratio Lower Upper
164 100
162 98.3 78.7 118.1
160 43.3 35.8 53.6

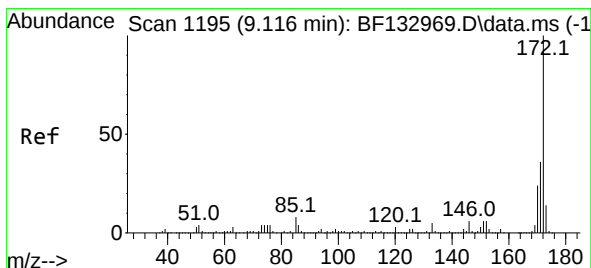
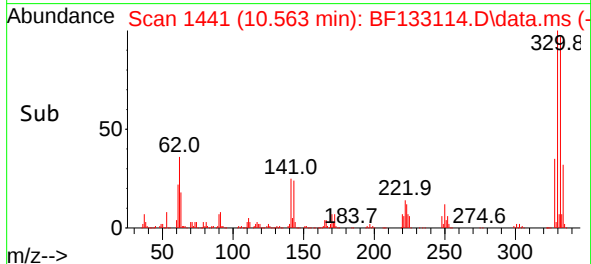
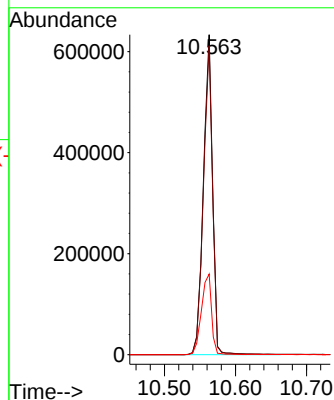
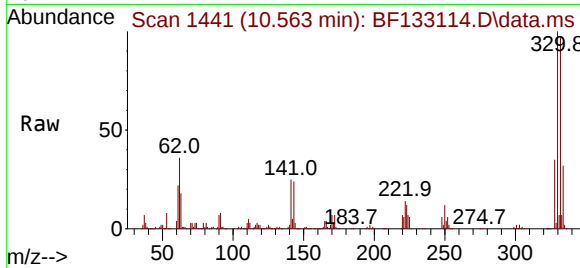




#42
2,4,6-Tribromophenol
Concen: 114.160 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133114.D
Acq: 28 Apr 2023 10:16

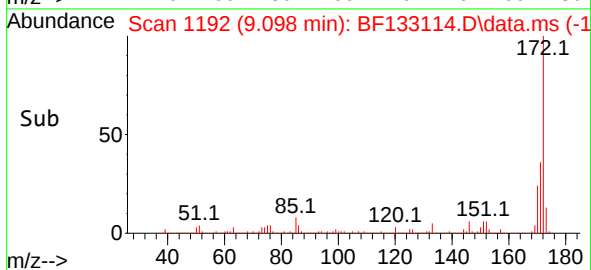
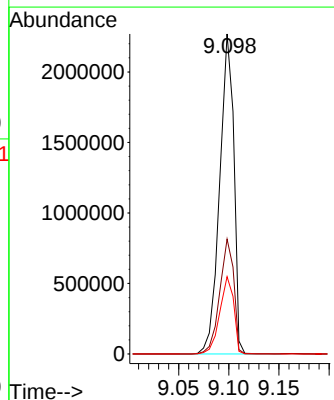
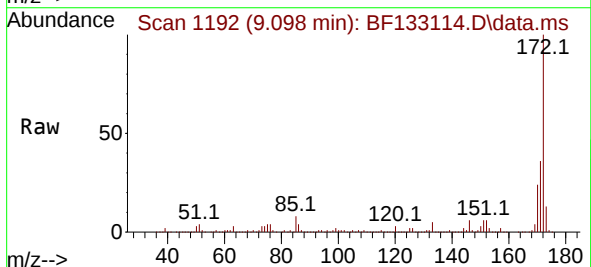
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BNA_F
ClientSampleId :
PB152460BL

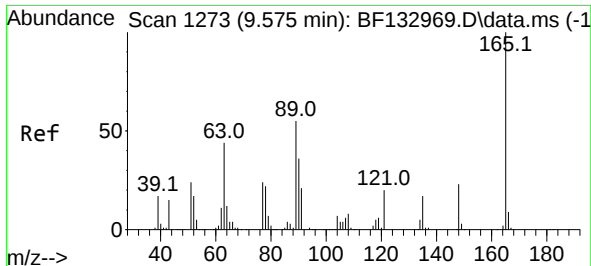
Tgt Ion:330 Resp: 570808
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 27.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 74.739 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF133114.D
Acq: 28 Apr 2023 10:16

Tgt Ion:172 Resp: 2221086
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.2 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.125 ng

RT: 9.769 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF133114.D

Acq: 28 Apr 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB152460BL

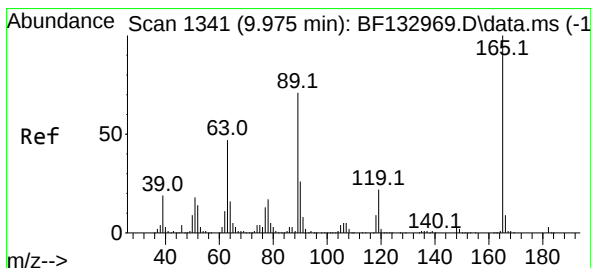
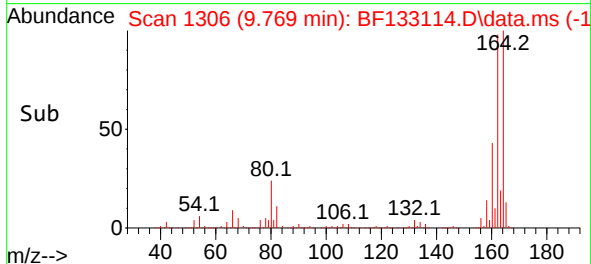
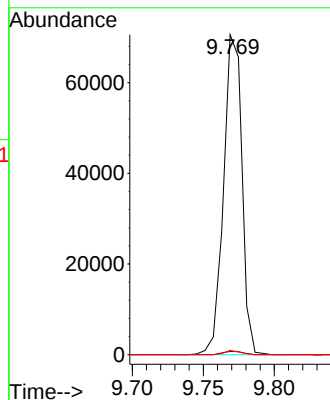
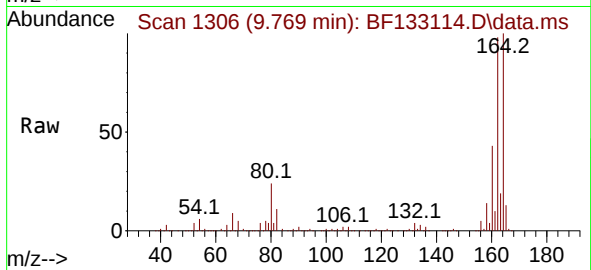
Tgt Ion:165 Resp: 63397

Ion Ratio Lower Upper

165 100

63 1.0 45.9 68.9#

89 1.3 44.0 66.0#



#57

2,4-Dinitrotoluene

Concen: 6.371 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.194 min

Lab File: BF133114.D

Acq: 28 Apr 2023 10:16

Tgt Ion:165 Resp: 63397

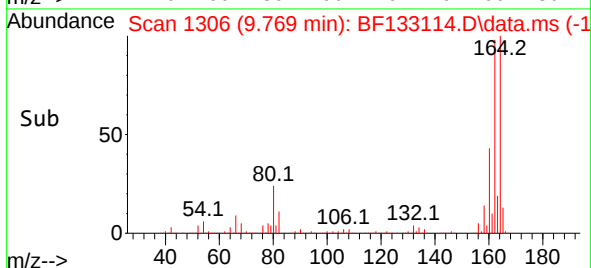
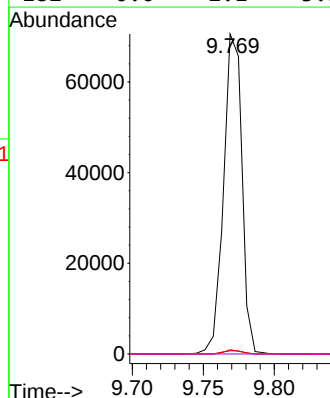
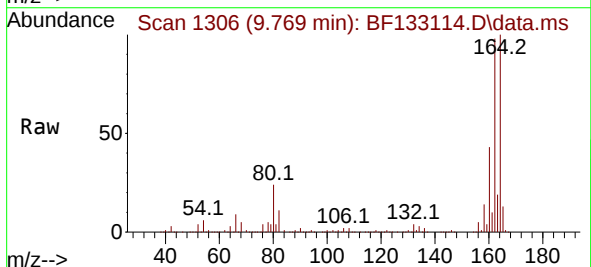
Ion Ratio Lower Upper

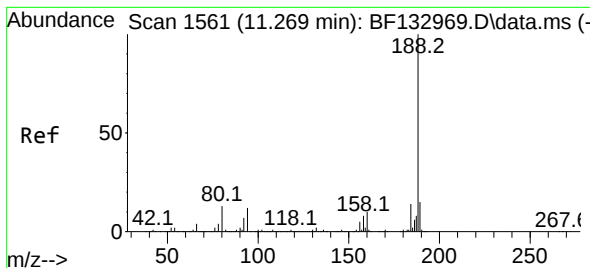
165 100

63 1.0 37.7 56.5#

89 1.3 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: BF133114.D

Acq: 28 Apr 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB152460BL

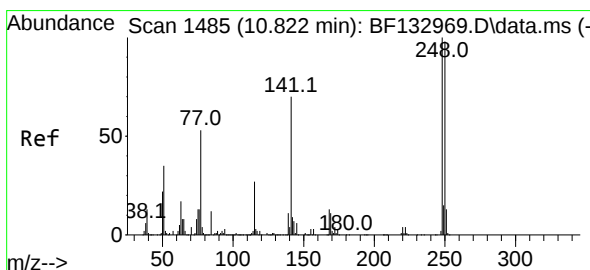
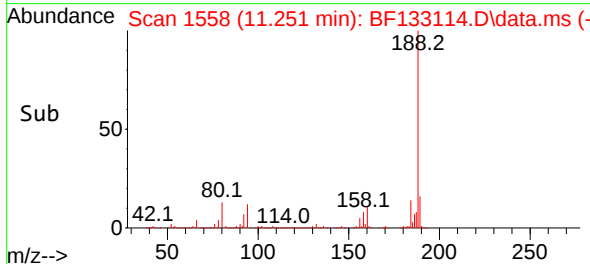
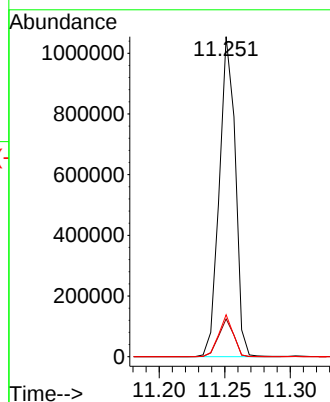
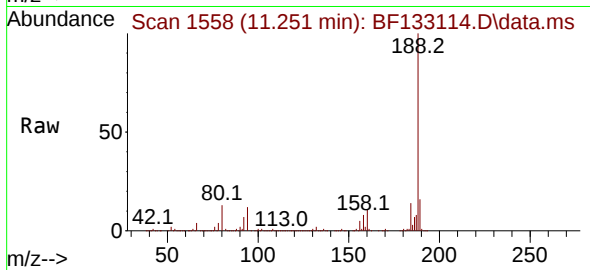
Tgt Ion:188 Resp: 894791

Ion Ratio Lower Upper

188 100

94 11.8 9.7 14.5

80 13.1 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 3.578 ng

RT: 10.563 min Scan# 1441

Delta R.T. -0.241 min

Lab File: BF133114.D

Acq: 28 Apr 2023 10:16

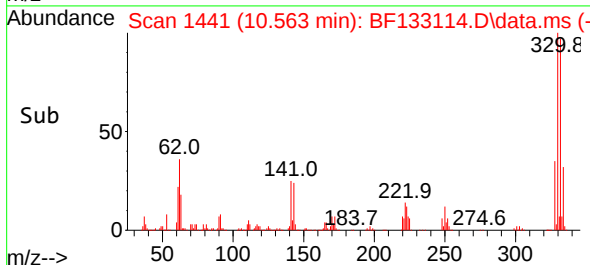
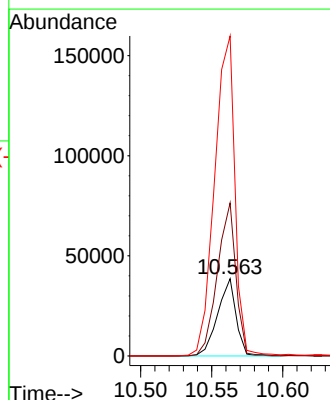
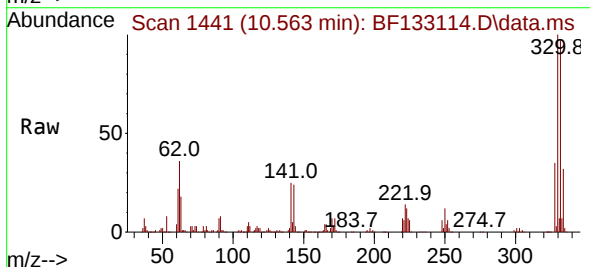
Tgt Ion:248 Resp: 34723

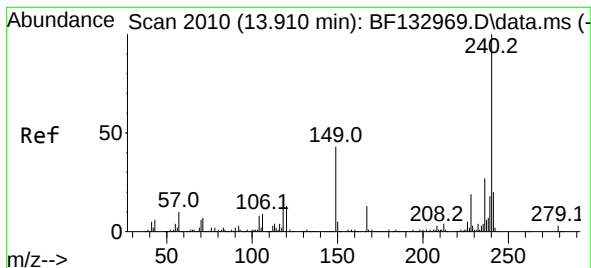
Ion Ratio Lower Upper

248 100

250 198.0 78.7 118.1#

141 413.8 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: BF133114.D

Acq: 28 Apr 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB152460BL

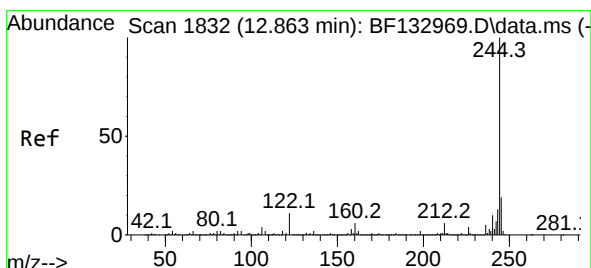
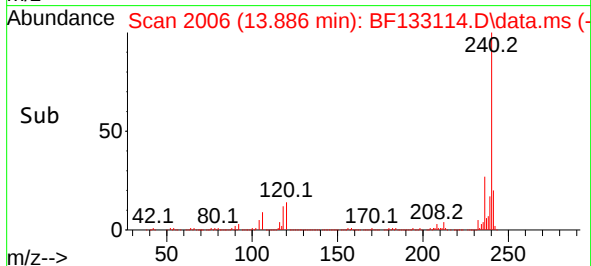
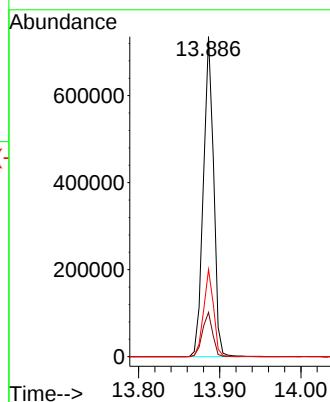
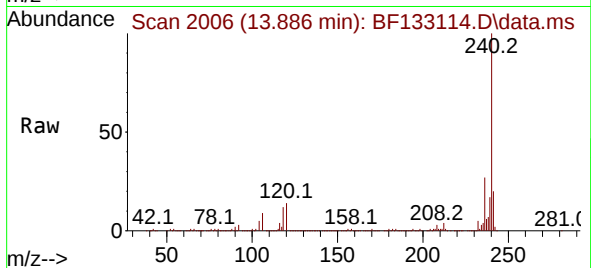
Tgt Ion:240 Resp: 645193

Ion Ratio Lower Upper

240 100

120 13.9 10.5 15.7

236 27.3 21.5 32.3



#79

Terphenyl-d14

Concen: 69.530 ng

RT: 12.845 min Scan# 1829

Delta R.T. 0.000 min

Lab File: BF133114.D

Acq: 28 Apr 2023 10:16

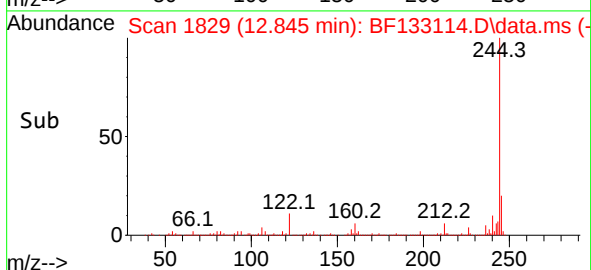
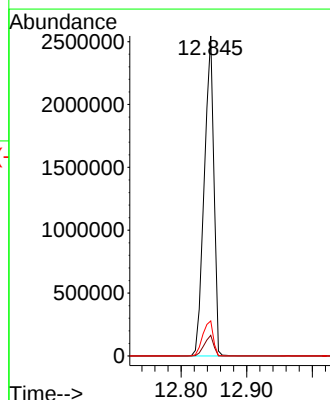
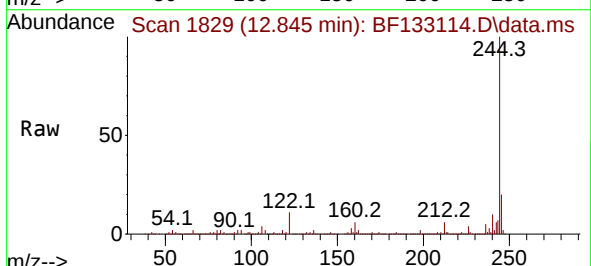
Tgt Ion:244 Resp: 2601104

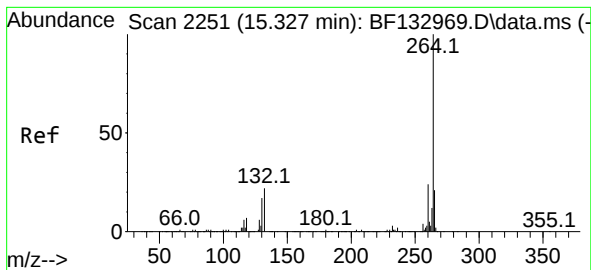
Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 10.9 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.310 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133114.D

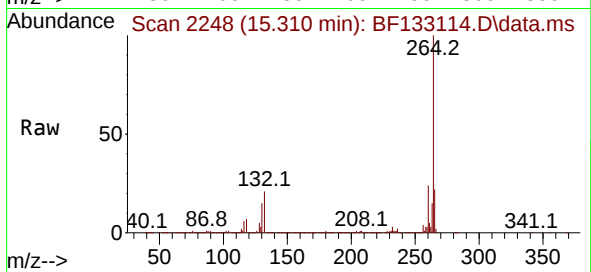
Acq: 28 Apr 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB152460BL



Tgt Ion:264 Resp: 589322

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.6 17.0 25.4

