

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF133009.D
 Acq On : 24 Apr 2023 22:24
 Operator : CG\JU
 Sample : 02472-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FP-1

Quant Time: Apr 25 02:13:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

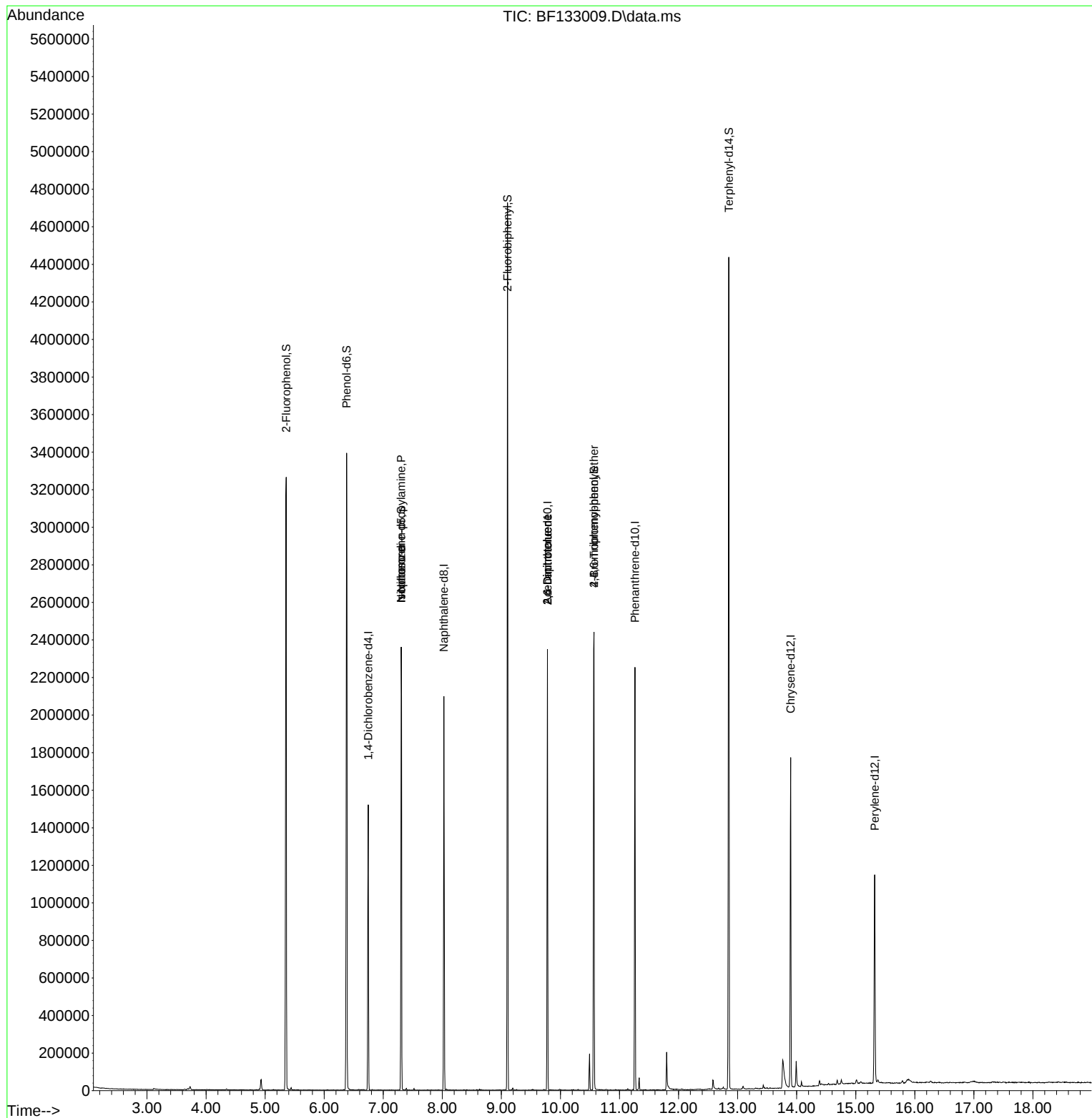
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	194287	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	771211	20.000	ng	-0.01
39) Acenaphthene-d10	9.781	164	396197	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	733227	20.000	ng	0.00
76) Chrysene-d12	13.898	240	534105	20.000	ng	-0.01
86) Perylene-d12	15.321	264	440821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	961961	74.794	ng	0.00
7) Phenol-d6	6.381	99	1210507	75.828	ng	0.00
23) Nitrobenzene-d5	7.304	82	714471	50.006	ng	-0.02
42) 2,4,6-Tribromophenol	10.569	330	299862	75.257	ng	-0.01
45) 2-Fluorobiphenyl	9.104	172	1290130	54.478	ng	-0.01
79) Terphenyl-d14	12.851	244	1485449	47.966	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.287	77	129	Below Cal	#	40
19) n-Nitroso-di-n-propyla...	7.304	70	93018	9.360	ng	# 81
25) Isophorone	7.304	82	714379	26.334	ng	# 63
51) 2,6-Dinitrotoluene	9.781	165	52123	8.383	ng	# 25
57) 2,4-Dinitrotoluene	9.781	165	52123	6.573	ng	# 24
67) 4-Bromophenyl-phenylether	10.569	248	18217	2.291	ng	# 1

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

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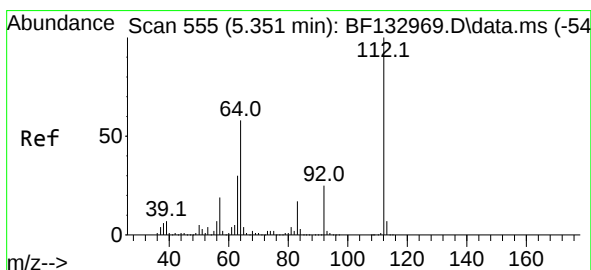
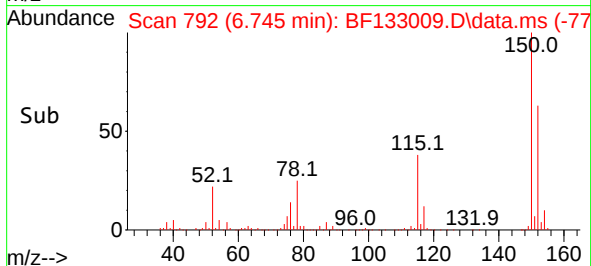
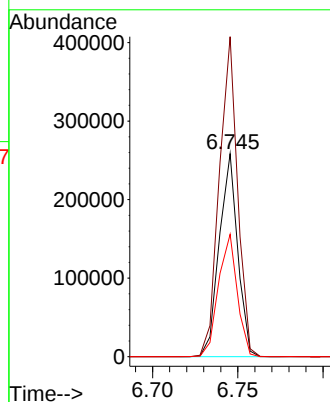
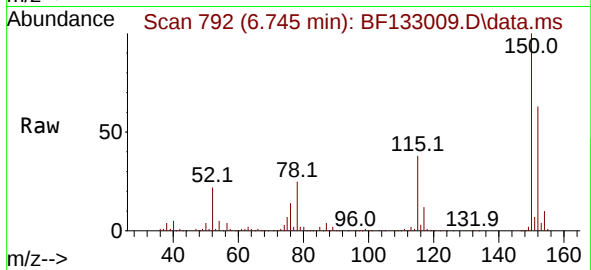




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133009.D
Acq: 24 Apr 2023 22:24

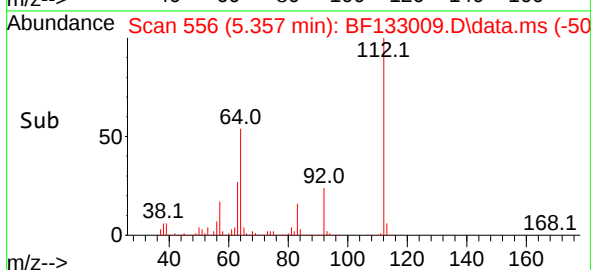
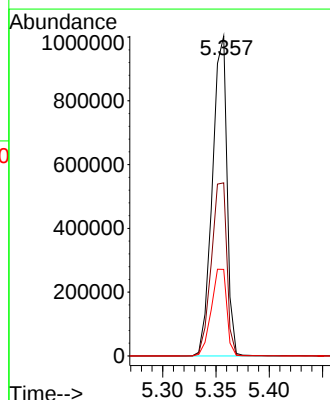
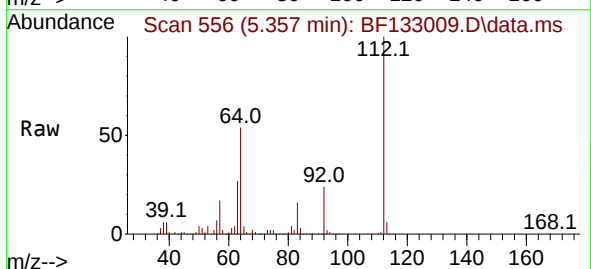
Instrument :
BNA_F
ClientSampleId :
FP-1

Tgt Ion:152 Resp: 194287
Ion Ratio Lower Upper
152 100
150 157.6 124.8 187.2
115 60.3 49.9 74.9



#5
2-Fluorophenol
Concen: 74.794 ng
RT: 5.357 min Scan# 556
Delta R.T. 0.006 min
Lab File: BF133009.D
Acq: 24 Apr 2023 22:24

Tgt Ion:112 Resp: 961961
Ion Ratio Lower Upper
112 100
64 54.1 46.8 70.2
63 27.0 23.8 35.8

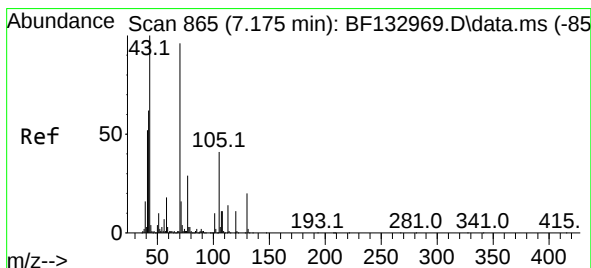
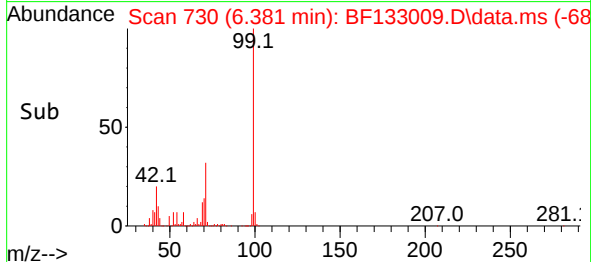
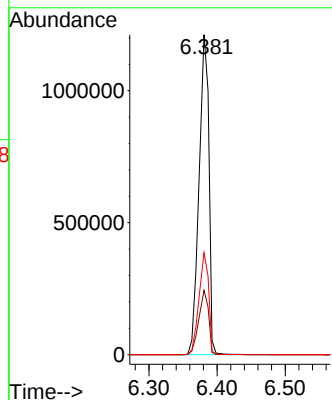
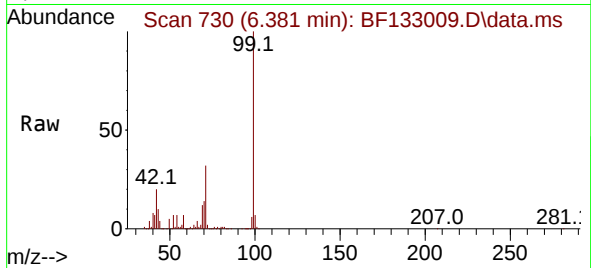




#7
Phenol-d6
Concen: 75.828 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133009.D
Acq: 24 Apr 2023 22:24

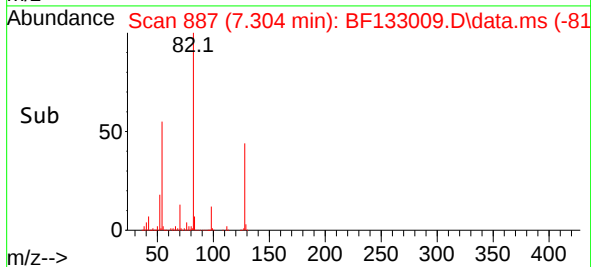
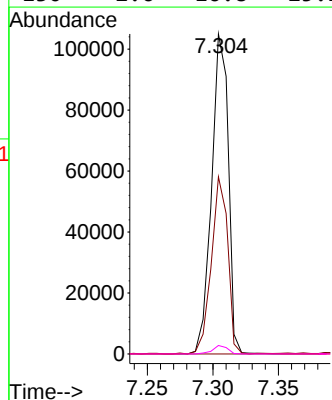
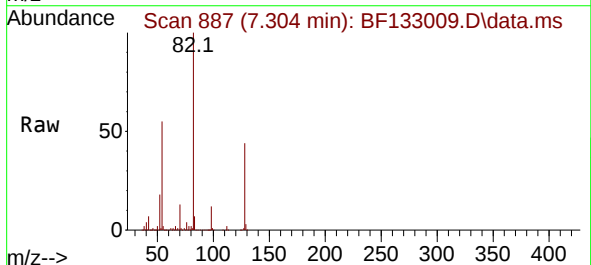
Instrument :
BNA_F
ClientSampleId :
FP-1

Tgt Ion: 99 Resp: 1210507
Ion Ratio Lower Upper
99 100
42 20.1 16.3 24.5
71 31.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.360 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.129 min
Lab File: BF133009.D
Acq: 24 Apr 2023 22:24

Tgt Ion: 70 Resp: 93018
Ion Ratio Lower Upper
70 100
42 55.3 51.8 77.6
101 0.0 8.0 12.0#
130 2.6 16.8 25.2#



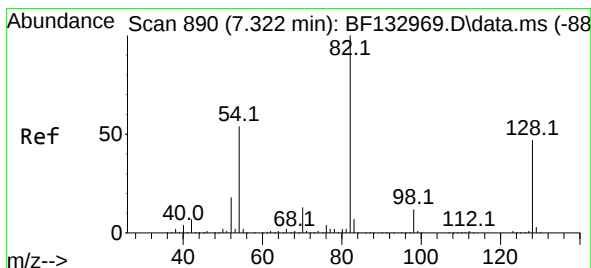
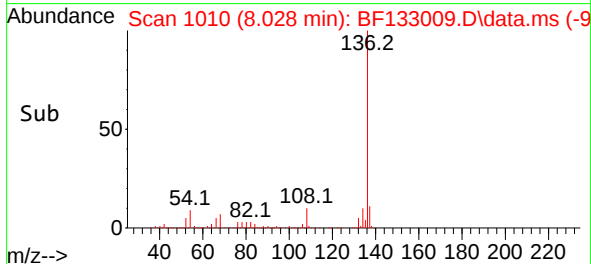
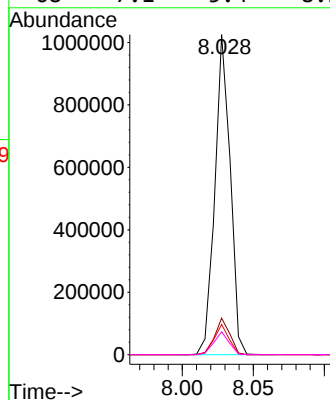
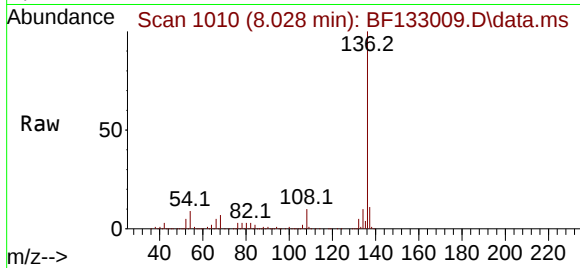


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF133009.D
Acq: 24 Apr 2023 22:24

Instrument :
BNA_F
ClientSampleId :
FP-1

Tgt Ion:136 Resp: 771211

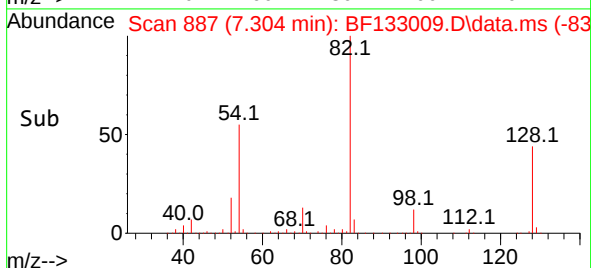
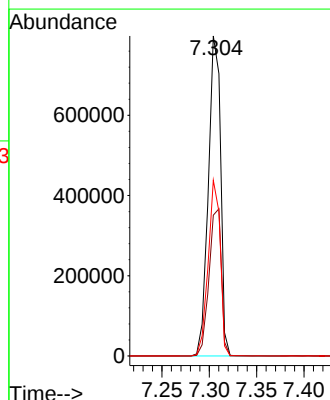
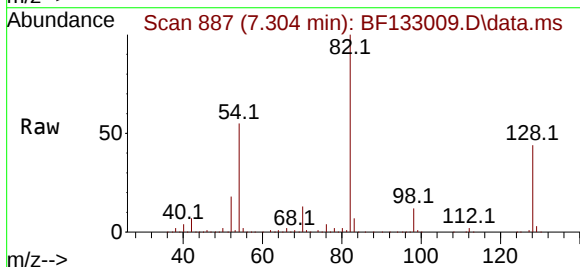
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	9.5	7.0	10.4
68	7.1	5.4	8.2



#23
Nitrobenzene-d5
Concen: 50.006 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.018 min
Lab File: BF133009.D
Acq: 24 Apr 2023 22:24

Tgt Ion: 82 Resp: 714471

Ion	Ratio	Lower	Upper
82	100		
128	44.0	37.7	56.5
54	54.9	43.0	64.4

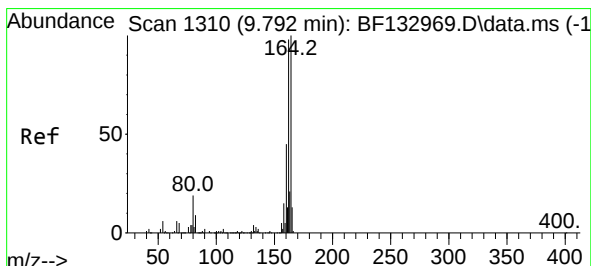
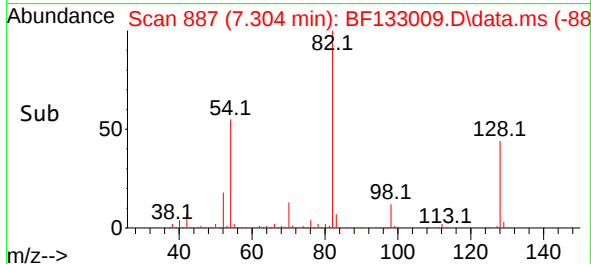
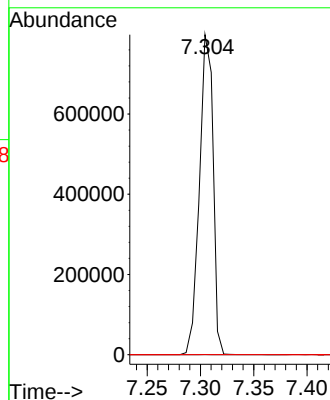
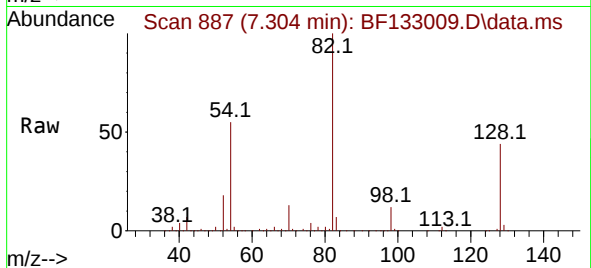




#25
Isophorone
Concen: 26.334 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF133009.D
Acq: 24 Apr 2023 22:24

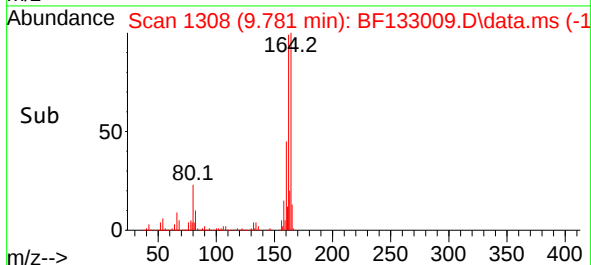
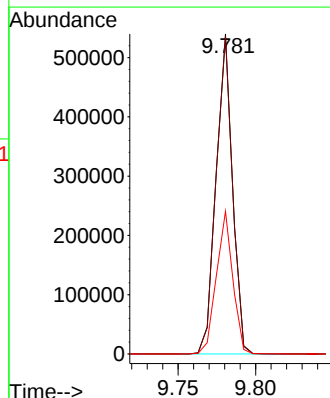
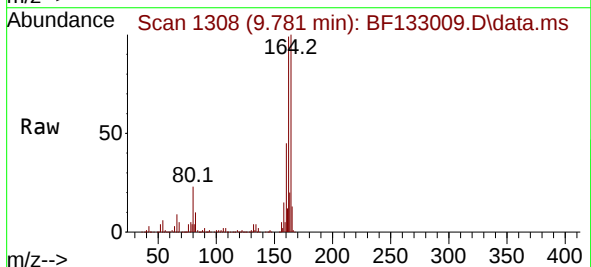
Instrument :
BNA_F
ClientSampleId :
FP-1

Tgt Ion: 82 Resp: 714379
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: 9.781 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF133009.D
Acq: 24 Apr 2023 22:24

Tgt Ion:164 Resp: 396197
Ion Ratio Lower Upper
164 100
162 99.3 78.7 118.1
160 44.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 75.257 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF133009.D

Acq: 24 Apr 2023 22:24

Instrument :

BNA_F

ClientSampleId :

FP-1

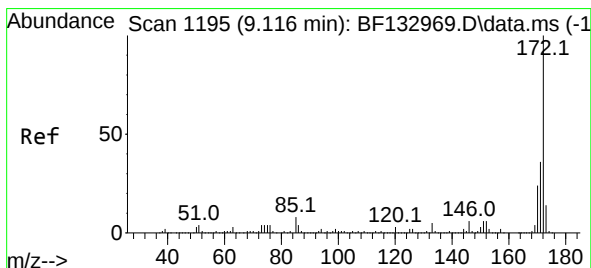
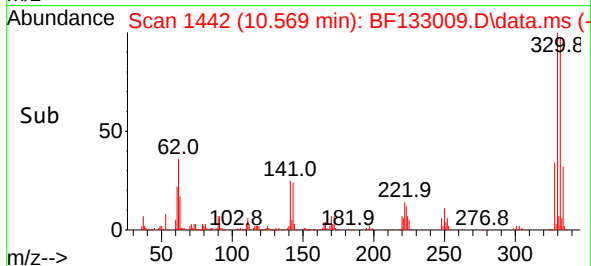
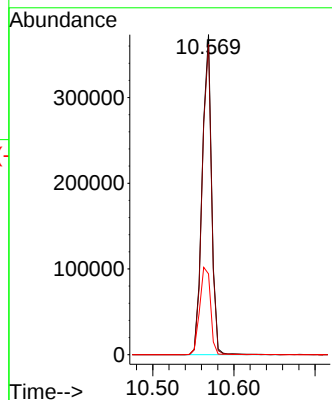
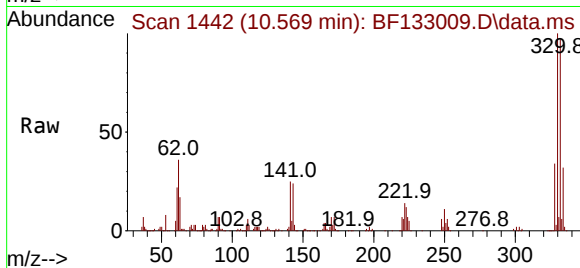
Tgt Ion:330 Resp: 299862

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 31.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 54.478 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.012 min

Lab File: BF133009.D

Acq: 24 Apr 2023 22:24

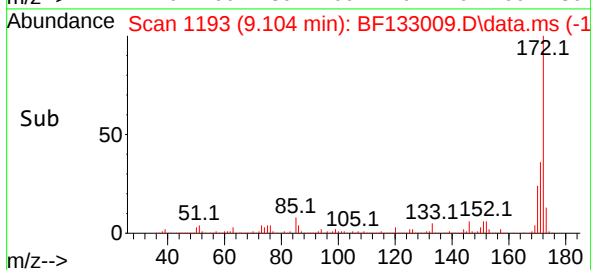
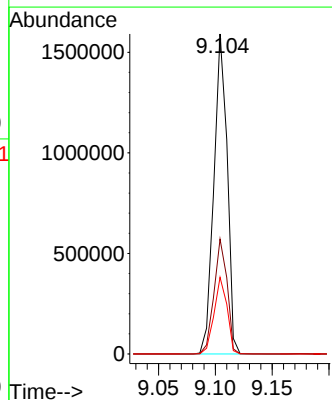
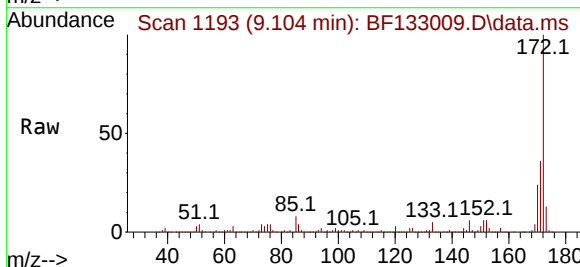
Tgt Ion:172 Resp: 1290130

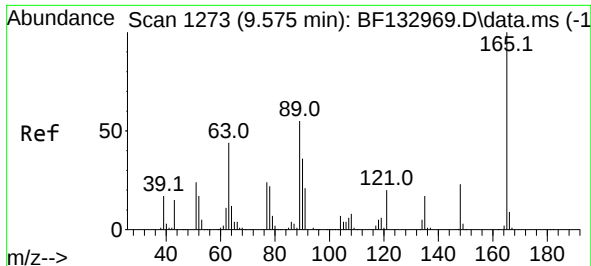
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.0 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.383 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF133009.D

Acq: 24 Apr 2023 22:24

Instrument :

BNA_F

ClientSampleId :

FP-1

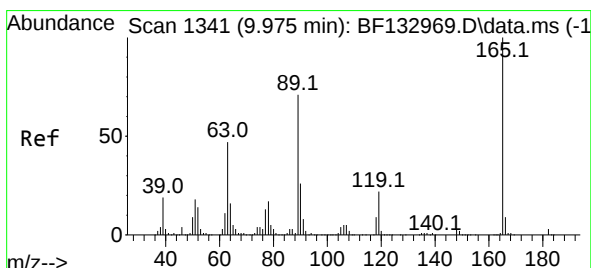
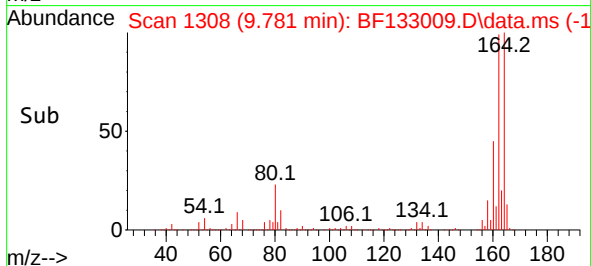
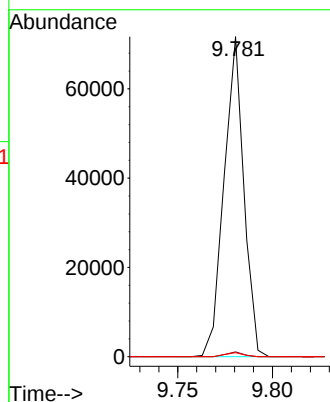
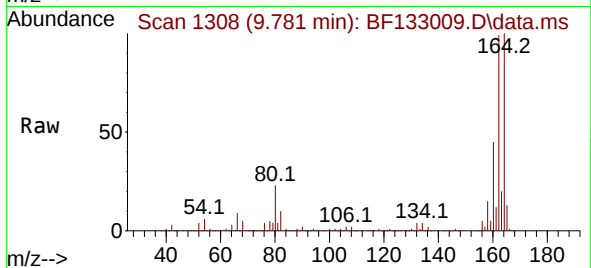
Tgt Ion:165 Resp: 52123

Ion Ratio Lower Upper

165 100

63 1.5 45.9 68.9#

89 1.3 44.0 66.0#



#57

2,4-Dinitrotoluene

Concen: 6.573 ng

RT: 9.781 min Scan# 1308

Delta R.T. -0.194 min

Lab File: BF133009.D

Acq: 24 Apr 2023 22:24

Tgt Ion:165 Resp: 52123

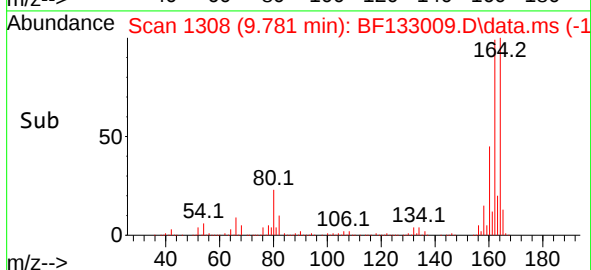
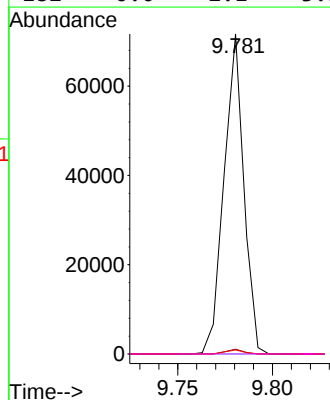
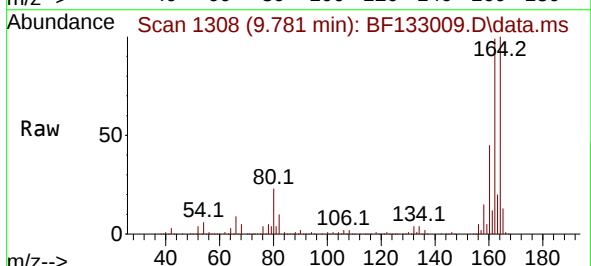
Ion Ratio Lower Upper

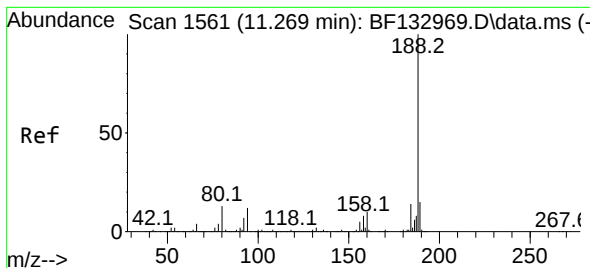
165 100

63 1.5 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: 11.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133009.D

Acq: 24 Apr 2023 22:24

Instrument :

BNA_F

ClientSampleId :

FP-1

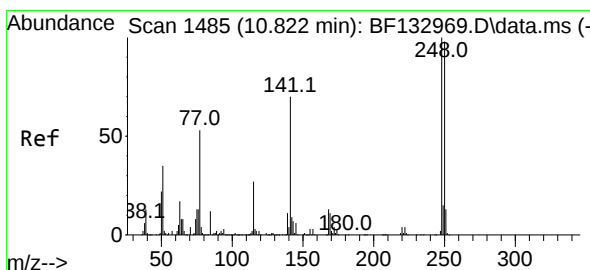
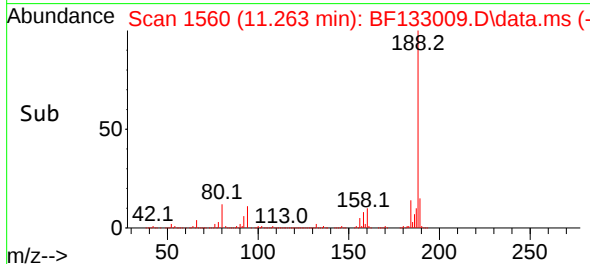
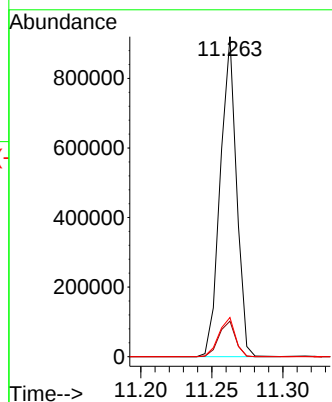
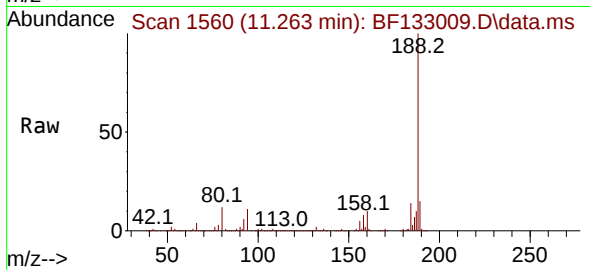
Tgt Ion:188 Resp: 733227

Ion Ratio Lower Upper

188 100

94 11.1 9.7 14.5

80 12.2 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 2.291 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.253 min

Lab File: BF133009.D

Acq: 24 Apr 2023 22:24

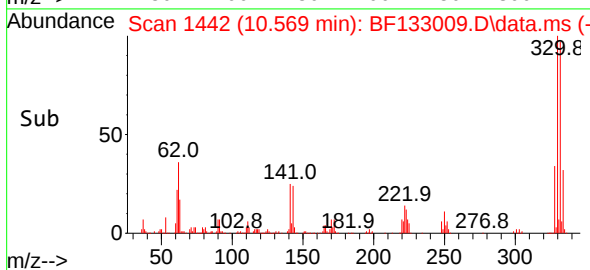
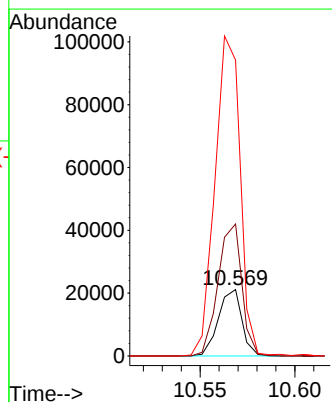
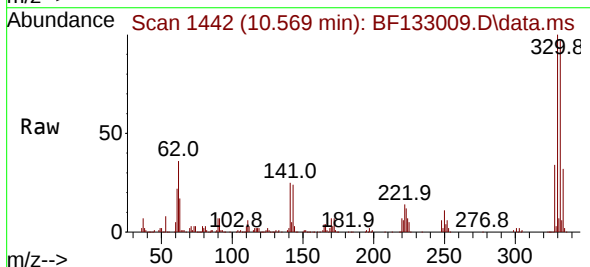
Tgt Ion:248 Resp: 18217

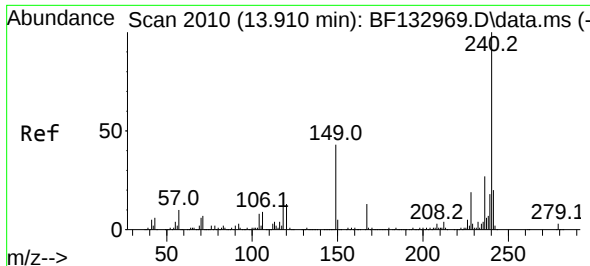
Ion Ratio Lower Upper

248 100

250 198.8 78.7 118.1#

141 445.7 56.3 84.5#

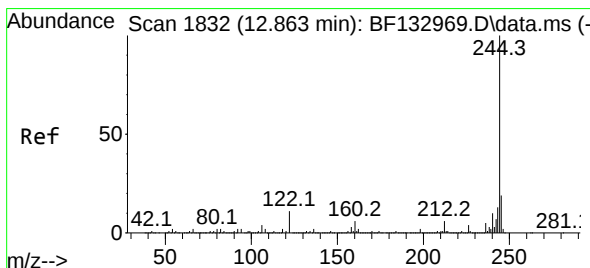
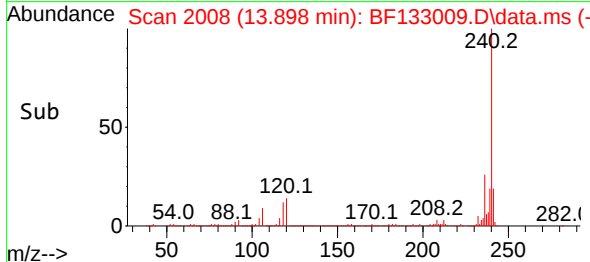
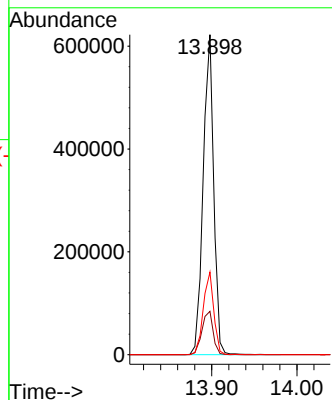
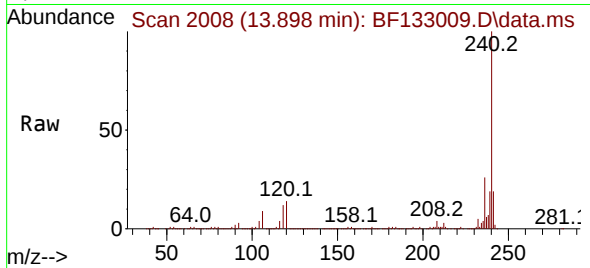




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF133009.D
Acq: 24 Apr 2023 22:24

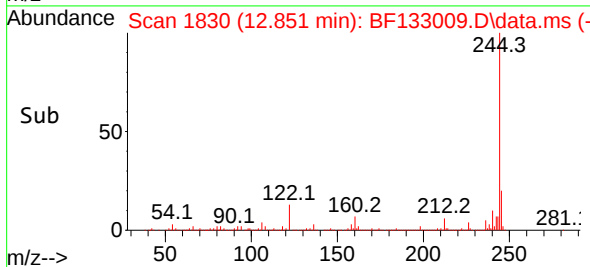
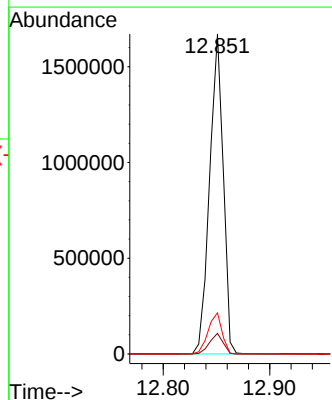
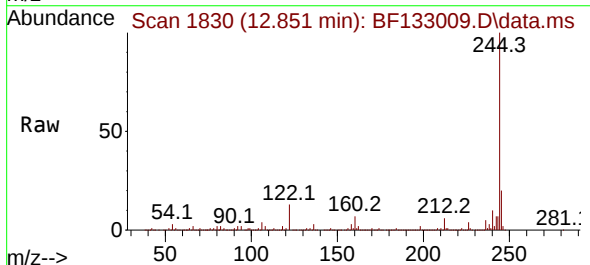
Instrument :
BNA_F
ClientSampleId :
FP-1

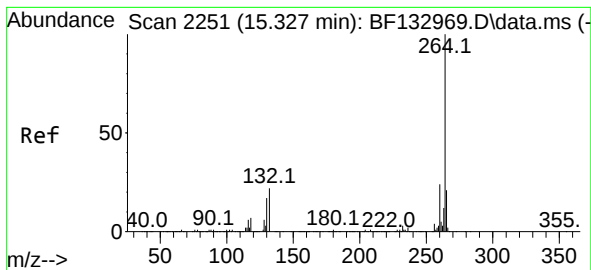
Tgt Ion:240 Resp: 534105
Ion Ratio Lower Upper
240 100
120 13.5 10.5 15.7
236 25.8 21.5 32.3



#79
Terphenyl-d14
Concen: 47.966 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.012 min
Lab File: BF133009.D
Acq: 24 Apr 2023 22:24

Tgt Ion:244 Resp: 1485449
Ion Ratio Lower Upper
244 100
212 6.5 5.1 7.7
122 12.8 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.321 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF133009.D
 Acq: 24 Apr 2023 22:24

Instrument :
 BNA_F
 ClientSampleId :
 FP-1

Tgt Ion:264 Resp: 440821
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.9 17.0 25.4

