

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132137.D
 Acq On : 19 Jan 2023 01:24
 Operator : CG\JU
 Sample : 01190-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-8

Quant Time: Jan 19 05:25:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

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

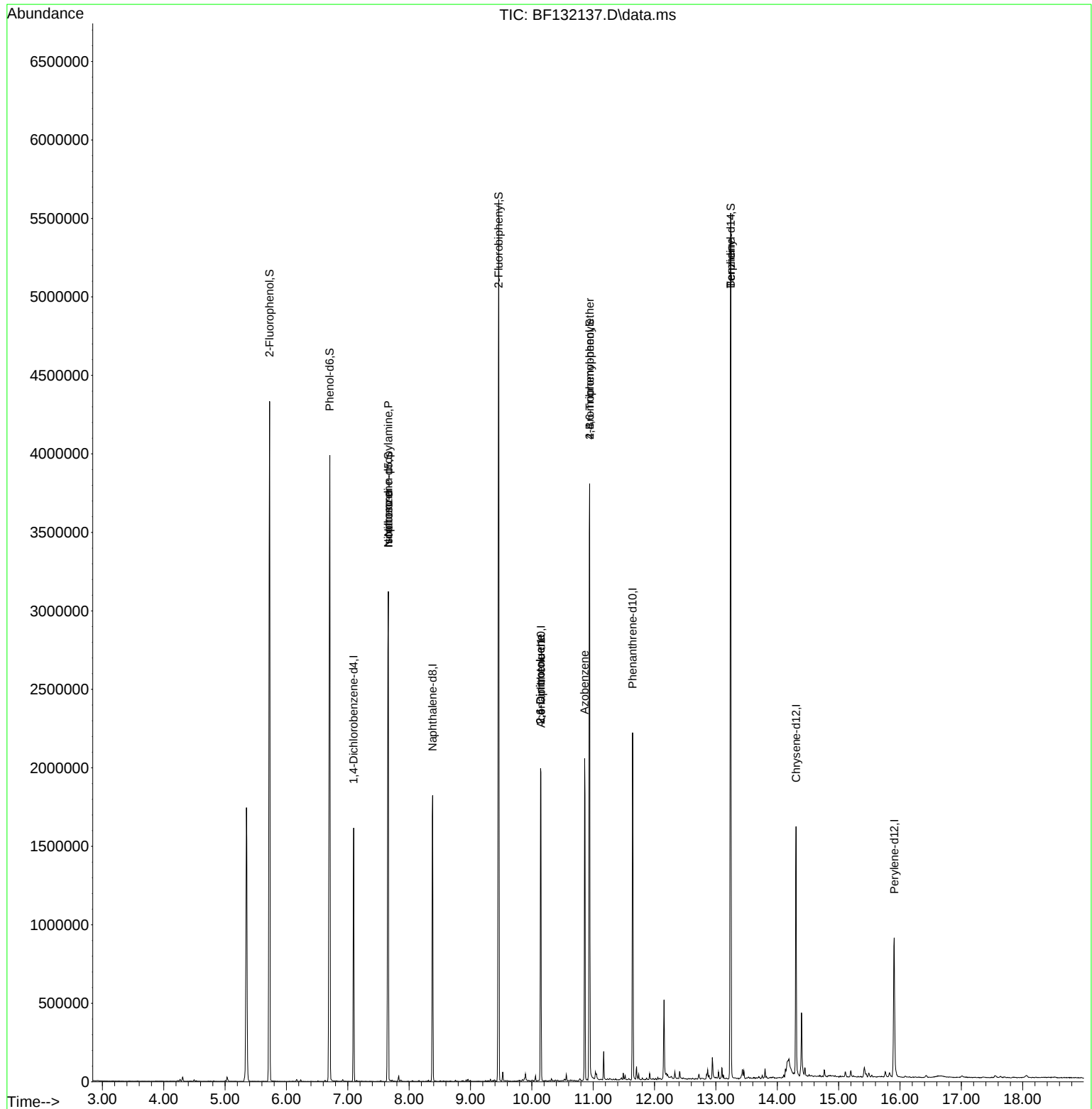
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	209605	20.000	ng	0.00
21) Naphthalene-d8	8.384	136	762417	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	413114	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	809240	20.000	ng	0.00
76) Chrysene-d12	14.307	240	537502	20.000	ng	0.00
86) Perylene-d12	15.907	264	451265	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.725	112	1205774	102.346	ng	0.00
7) Phenol-d6	6.707	99	1555532	102.204	ng	0.00
23) Nitrobenzene-d5	7.660	82	1039343	72.360	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	477364	105.612	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	1684687	70.953	ng	0.00
79) Terphenyl-d14	13.242	244	1952103	58.927	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.660	70	140298	14.662	ng	# 75
25) Isophorone	7.660	82	1039319	36.163	ng	# 66
51) 2,6-Dinitrotoluene	10.142	165	54209	8.485	ng	# 17
57) 2,4-Dinitrotoluene	10.142	165	54209	6.870	ng	# 16
63) Azobenzene	10.860	77	368404	12.577	ng	# 1
67) 4-Bromophenyl-phenylether	10.942	248	30498	3.318	ng	# 1
77) Benzidine	13.242	184	31867	2.202	ng	# 93

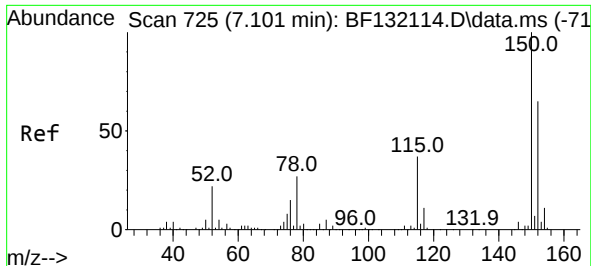
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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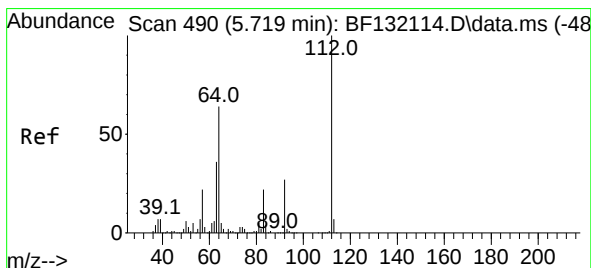
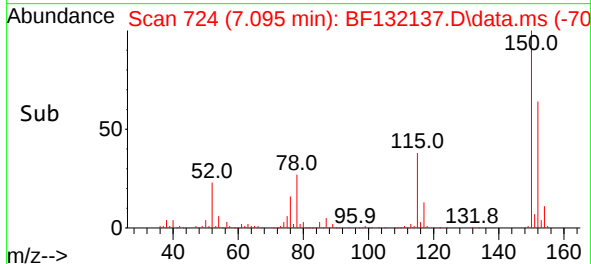
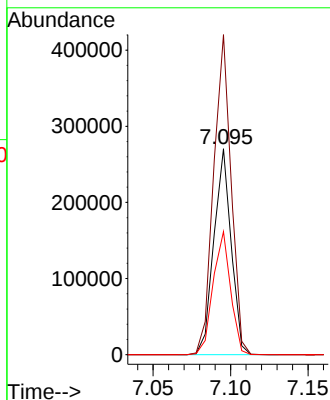
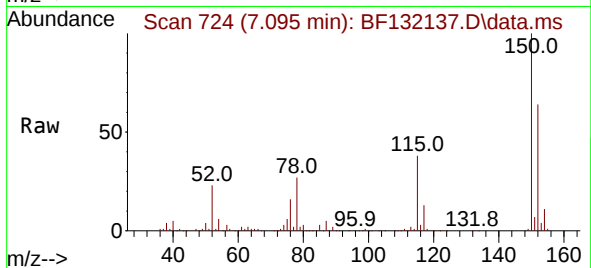




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.095 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132137.D
Acq: 19 Jan 2023 01:24

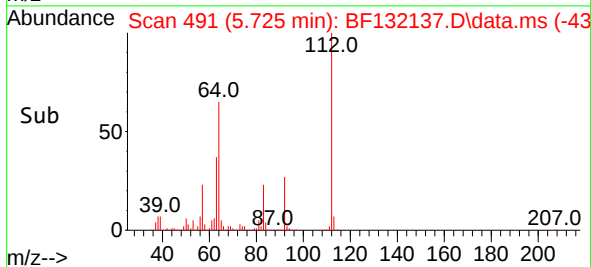
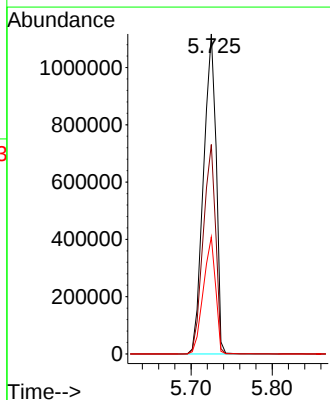
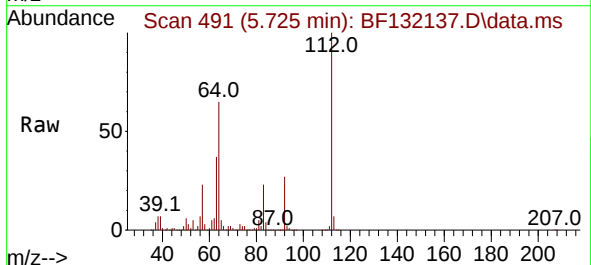
Instrument :
BNA_F
ClientSampleId :
PE-8

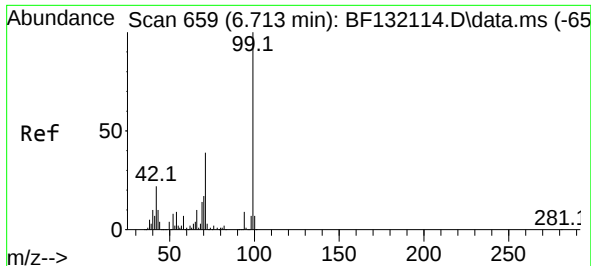
Tgt Ion:152 Resp: 209605
Ion Ratio Lower Upper
152 100
150 155.5 123.3 184.9
115 59.8 45.8 68.6



#5
2-Fluorophenol
Concen: 102.346 ng
RT: 5.725 min Scan# 491
Delta R.T. 0.006 min
Lab File: BF132137.D
Acq: 19 Jan 2023 01:24

Tgt Ion:112 Resp: 1205774
Ion Ratio Lower Upper
112 100
64 65.5 51.0 76.6
63 36.6 28.7 43.1



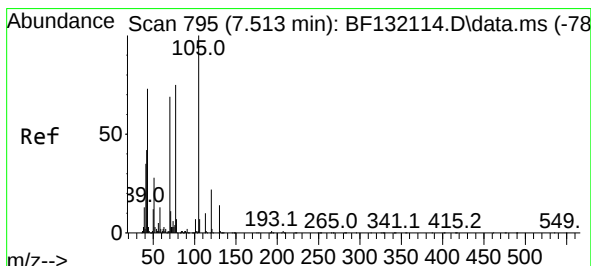
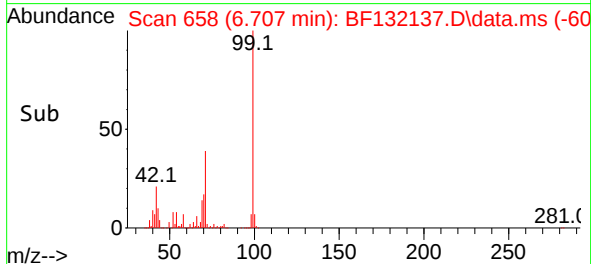
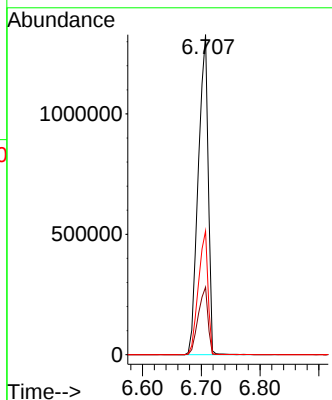
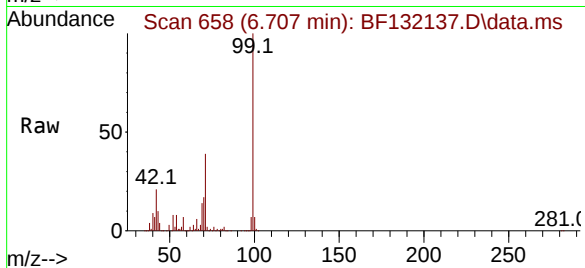


#7
Phenol-d6
Concen: 102.204 ng
RT: 6.707 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132137.D
Acq: 19 Jan 2023 01:24

Instrument :
BNA_F
ClientSampleId :
PE-8

Tgt Ion: 99 Resp: 1555532

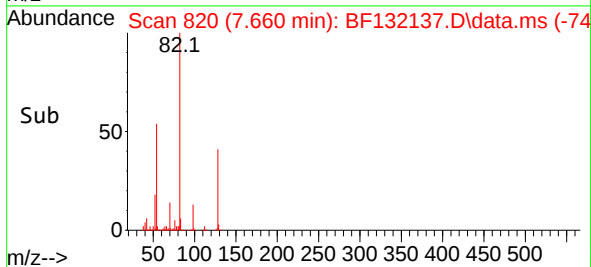
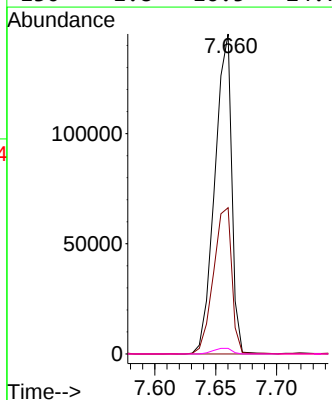
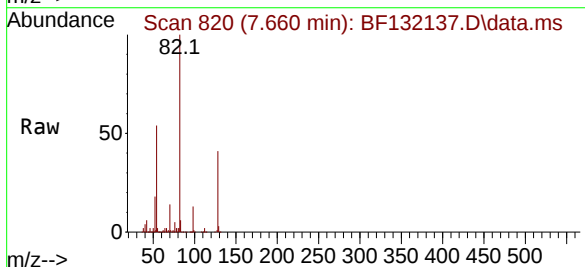
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.2	25.8
71	38.7	31.0	46.6

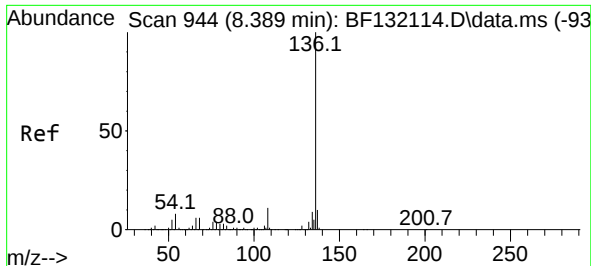


#19
n-Nitroso-di-n-propylamine
Concen: 14.662 ng
RT: 7.660 min Scan# 820
Delta R.T. 0.147 min
Lab File: BF132137.D
Acq: 19 Jan 2023 01:24

Tgt Ion: 70 Resp: 140298

Ion	Ratio	Lower	Upper
70	100		
42	45.7	48.5	72.7#
101	0.0	7.8	11.8#
130	1.8	16.5	24.7#

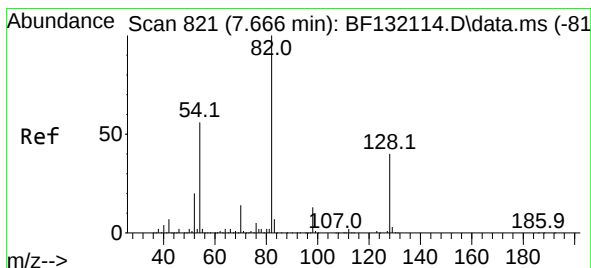
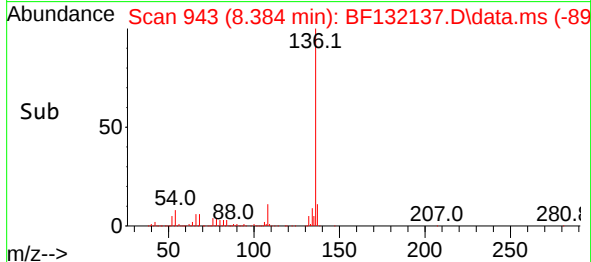
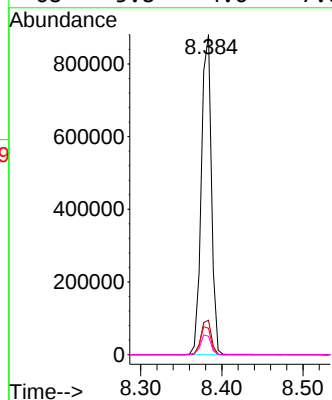
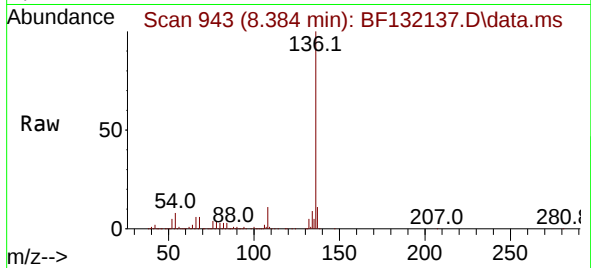




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.384 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF132137.D
Acq: 19 Jan 2023 01:24

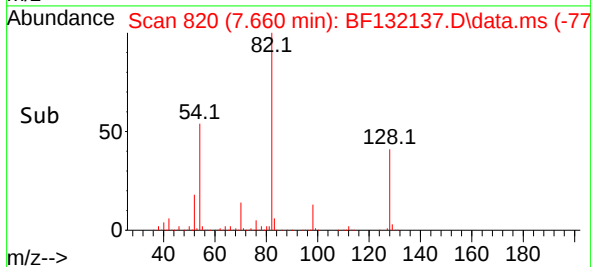
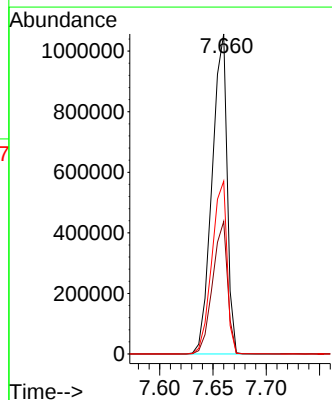
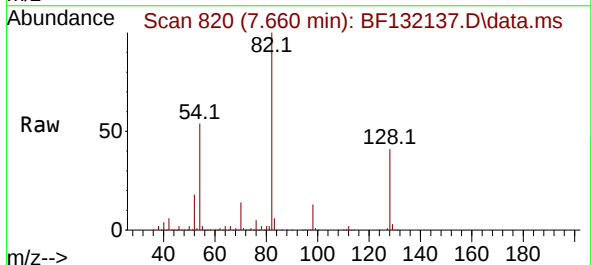
Instrument :
BNA_F
ClientSampleId :
PE-8

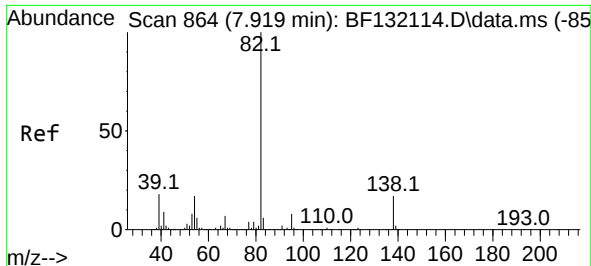
Tgt Ion:136 Resp: 762417
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 8.2 6.6 10.0
68 5.8 4.6 7.0



#23
Nitrobenzene-d5
Concen: 72.360 ng
RT: 7.660 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF132137.D
Acq: 19 Jan 2023 01:24

Tgt Ion: 82 Resp: 1039343
Ion Ratio Lower Upper
82 100
128 41.4 32.0 48.0
54 54.0 45.1 67.7

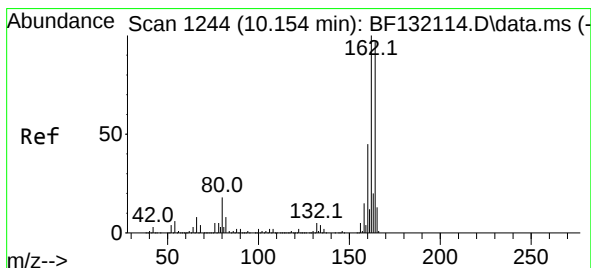
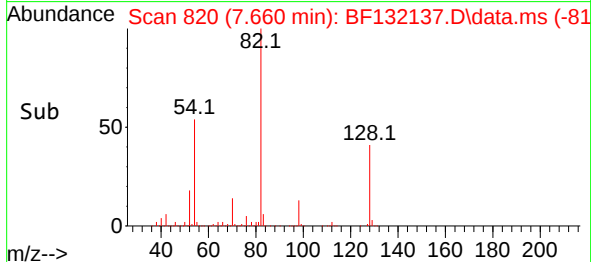
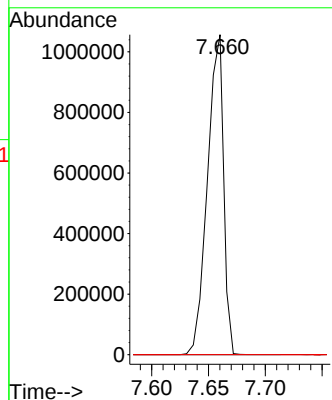
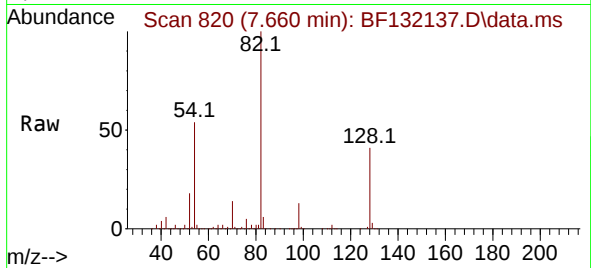




#25
Isophorone
Concen: 36.163 ng
RT: 7.660 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132137.D
Acq: 19 Jan 2023 01:24

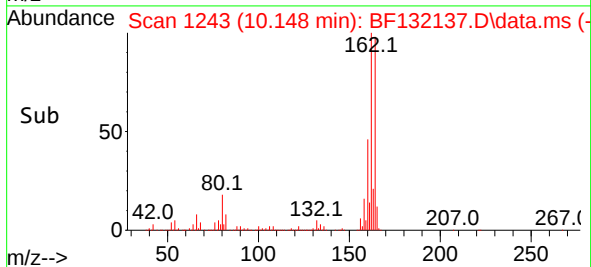
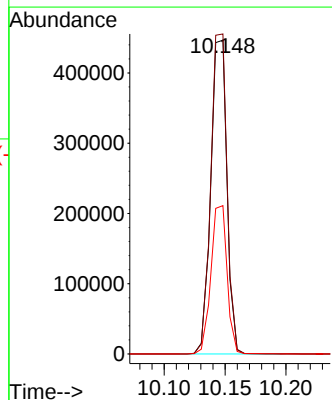
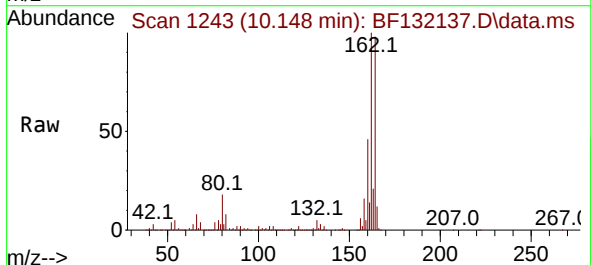
Instrument :
BNA_F
ClientSampleId :
PE-8

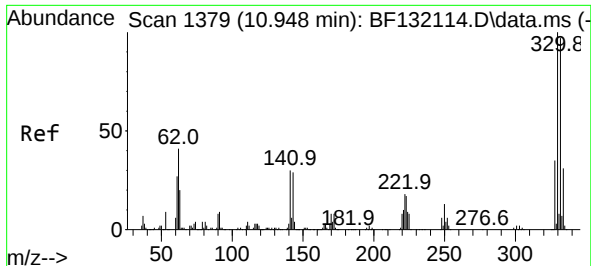
Tgt Ion: 82 Resp: 1039319
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF132137.D
Acq: 19 Jan 2023 01:24

Tgt Ion:164 Resp: 413114
Ion Ratio Lower Upper
164 100
162 102.0 82.3 123.5
160 47.3 37.3 55.9





#42

2,4,6-Tribromophenol

Concen: 105.612 ng

RT: 10.942 min Scan# 1126

Delta R.T. -0.006 min

Lab File: BF132137.D

Acq: 19 Jan 2023 01:24

Instrument :

BNA_F

ClientSampleId :

PE-8

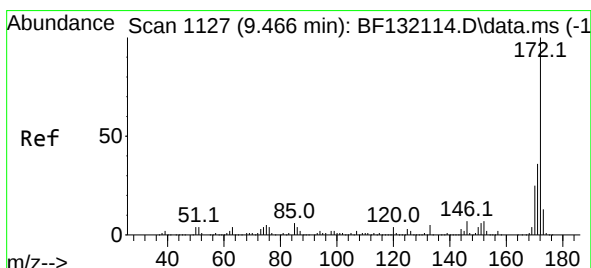
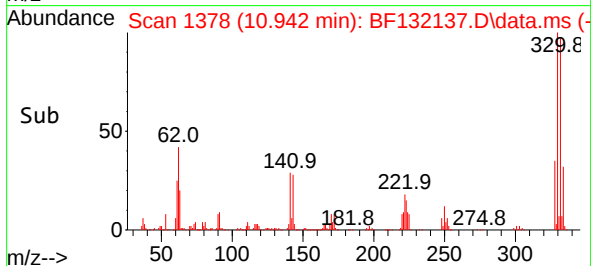
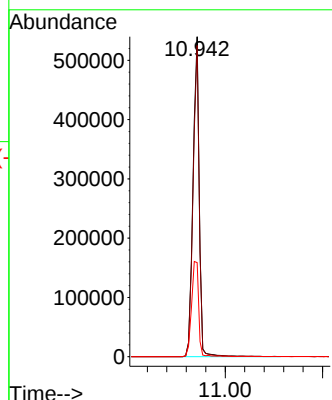
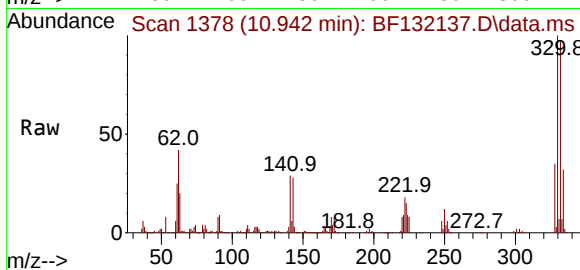
Tgt Ion:330 Resp: 477364

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

141 33.9 28.2 42.4



#45

2-Fluorobiphenyl

Concen: 70.953 ng

RT: 9.460 min Scan# 1126

Delta R.T. -0.006 min

Lab File: BF132137.D

Acq: 19 Jan 2023 01:24

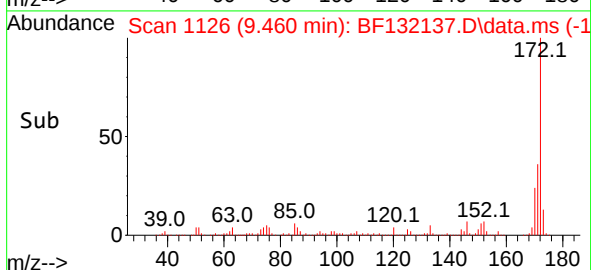
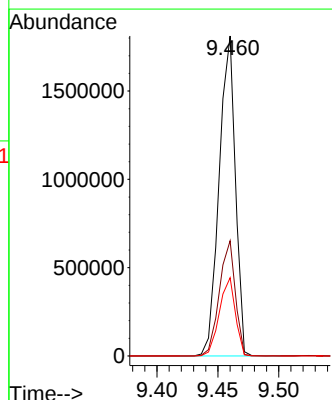
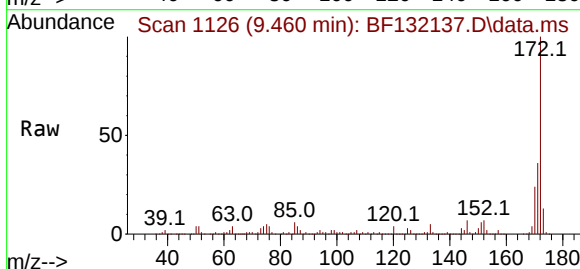
Tgt Ion:172 Resp: 1684687

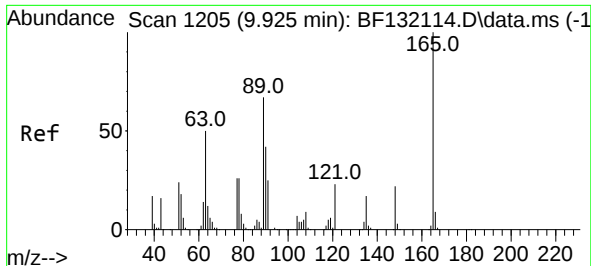
Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.4

170 24.4 19.7 29.5

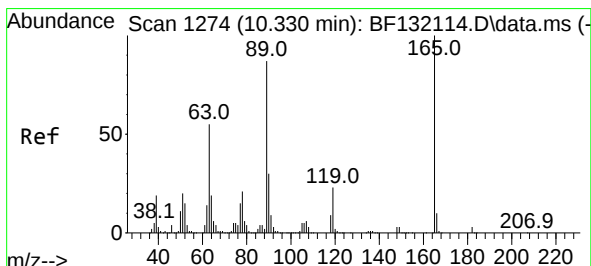
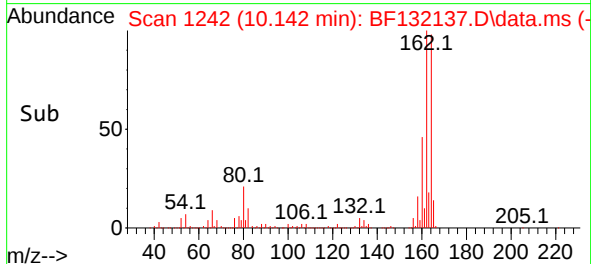
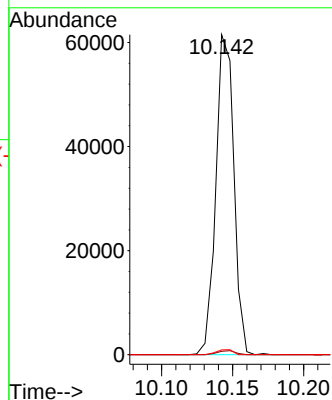
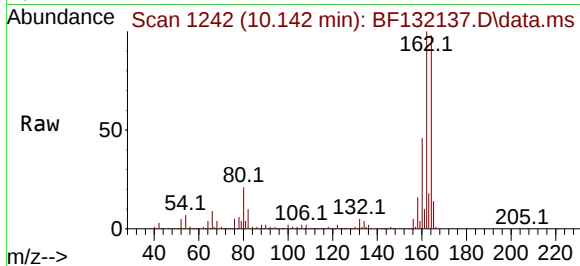




#51
2,6-Dinitrotoluene
Concen: 8.485 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.218 min
Lab File: BF132137.D
Acq: 19 Jan 2023 01:24

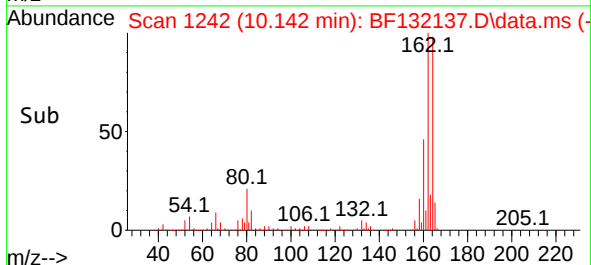
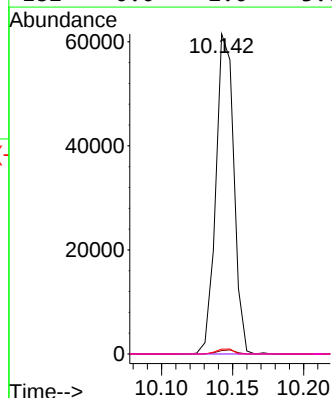
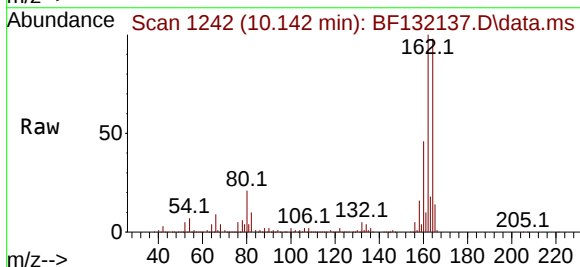
Instrument :
BNA_F
ClientSampleId :
PE-8

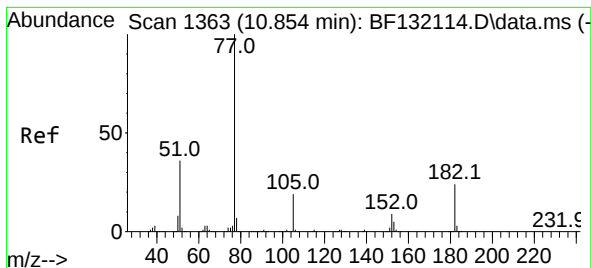
Tgt Ion:165 Resp: 54209
Ion Ratio Lower Upper
165 100
63 1.0 57.0 85.4#
89 1.5 54.0 81.0#



#57
2,4-Dinitrotoluene
Concen: 6.870 ng
RT: 10.142 min Scan# 1242
Delta R.T. -0.188 min
Lab File: BF132137.D
Acq: 19 Jan 2023 01:24

Tgt Ion:165 Resp: 54209
Ion Ratio Lower Upper
165 100
63 1.0 44.1 66.1#
89 1.5 69.3 103.9#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 12.577 ng

RT: 10.860 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132137.D

Acq: 19 Jan 2023 01:24

Instrument :

BNA_F

ClientSampleId :

PE-8

Tgt Ion: 77 Resp: 368404

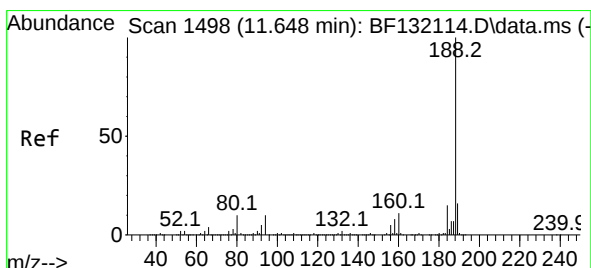
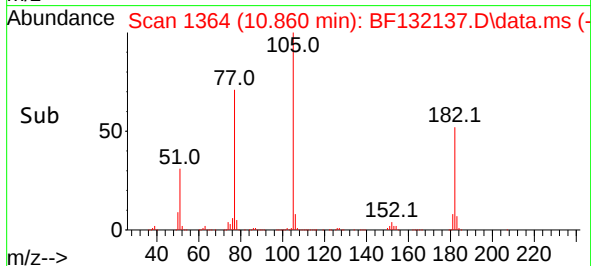
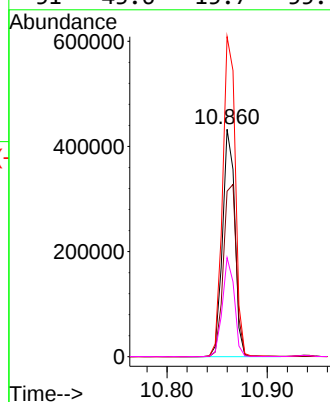
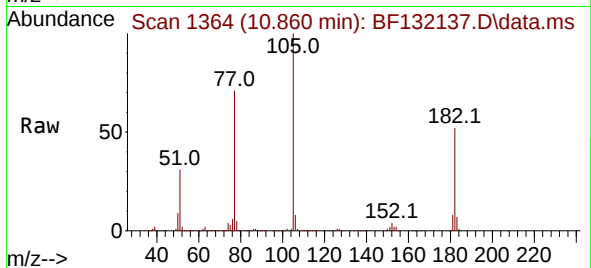
Ion Ratio Lower Upper

77 100

182 72.8 4.1 44.1#

105 140.7 0.0 39.1#

51 43.6 15.7 55.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.642 min Scan# 1497

Delta R.T. -0.006 min

Lab File: BF132137.D

Acq: 19 Jan 2023 01:24

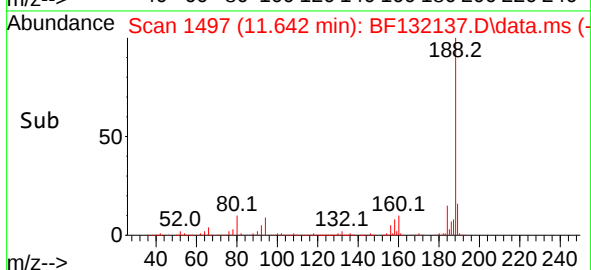
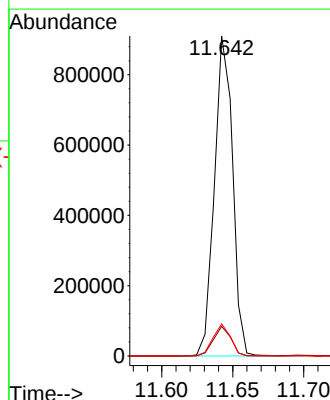
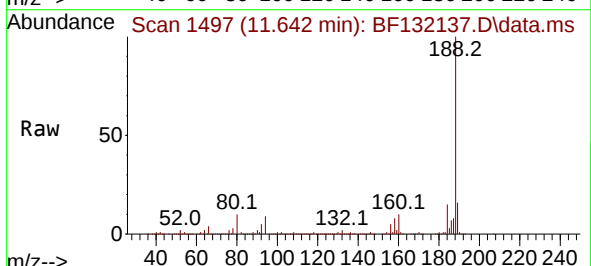
Tgt Ion:188 Resp: 809240

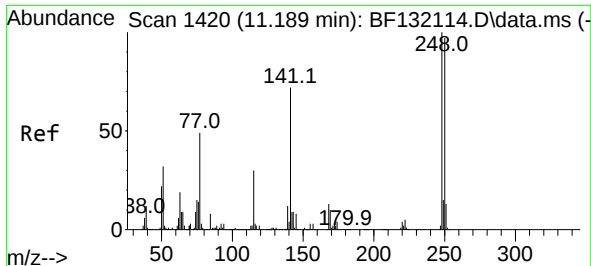
Ion Ratio Lower Upper

188 100

94 9.3 7.8 11.6

80 10.0 8.2 12.4

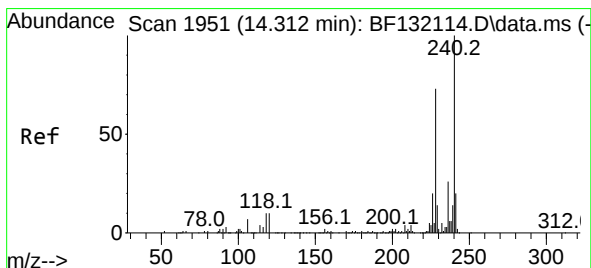
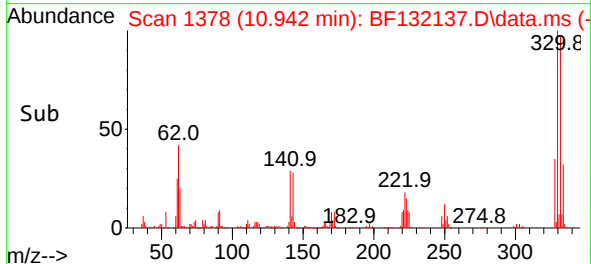
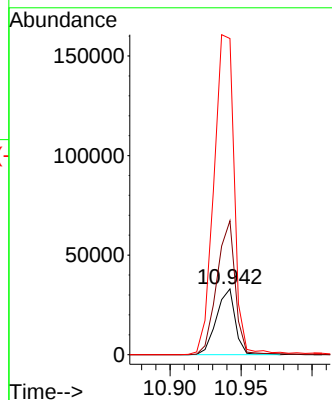
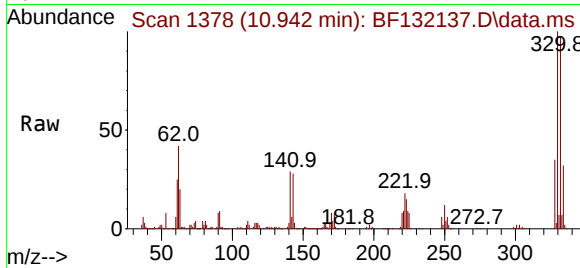




#67
4-Bromophenyl-phenylether
Concen: 3.318 ng
RT: 10.942 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF132137.D
Acq: 19 Jan 2023 01:24

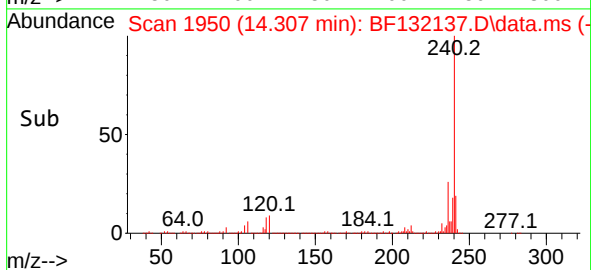
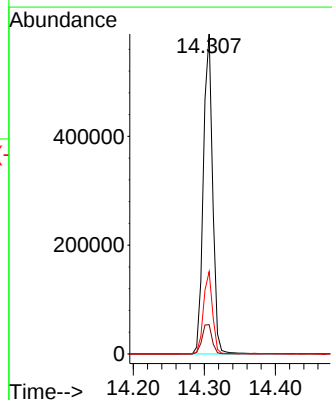
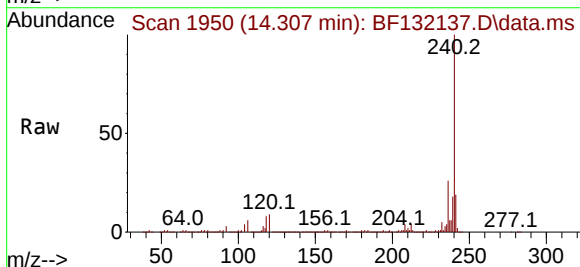
Instrument :
BNA_F
ClientSampleId :
PE-8

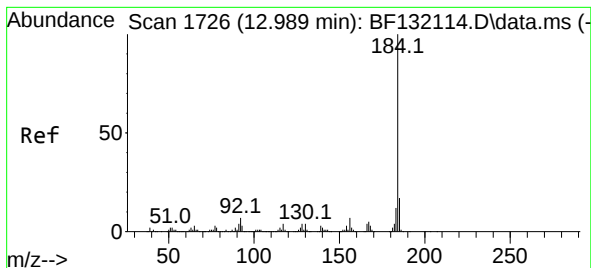
Tgt Ion:248 Resp: 30498
Ion Ratio Lower Upper
248 100
250 203.5 77.8 116.8#
141 480.2 57.6 86.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BF132137.D
Acq: 19 Jan 2023 01:24

Tgt Ion:240 Resp: 537502
Ion Ratio Lower Upper
240 100
120 9.1 8.2 12.4
236 25.7 21.2 31.8





#77

Benzidine

Concen: 2.202 ng

RT: 13.242 min Scan# 1769

Delta R.T. 0.253 min

Lab File: BF132137.D

Acq: 19 Jan 2023 01:24

Instrument :

BNA_F

ClientSampleId :

PE-8

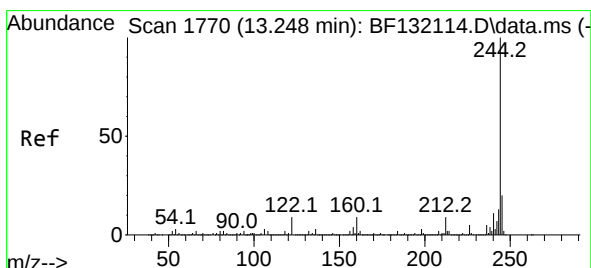
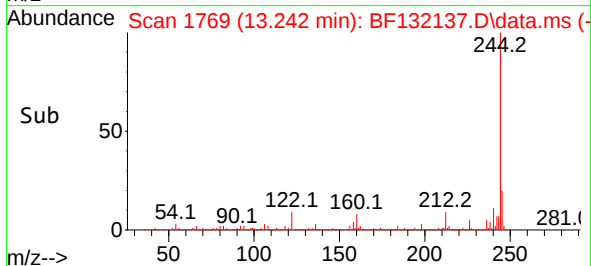
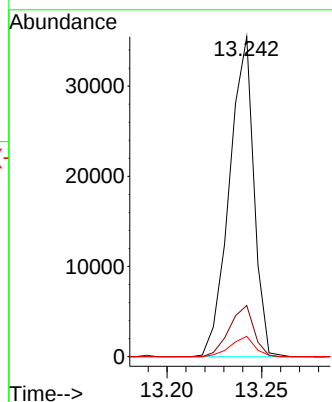
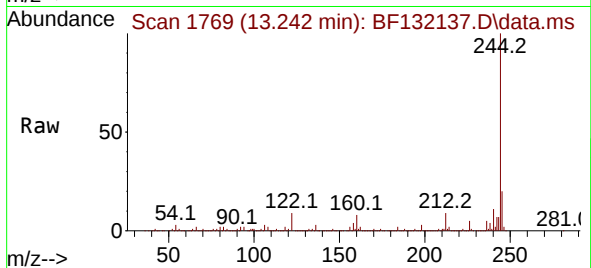
Tgt Ion:184 Resp: 31867

Ion Ratio Lower Upper

184 100

185 16.0 13.7 20.5

183 6.3 9.4 14.0#



#79

Terphenyl-d14

Concen: 58.927 ng

RT: 13.242 min Scan# 1769

Delta R.T. -0.006 min

Lab File: BF132137.D

Acq: 19 Jan 2023 01:24

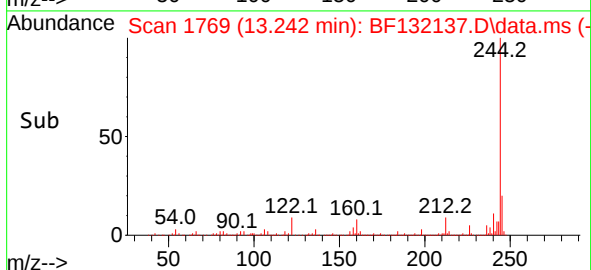
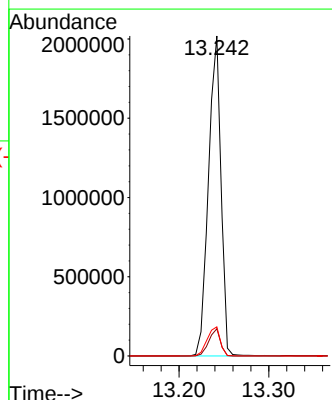
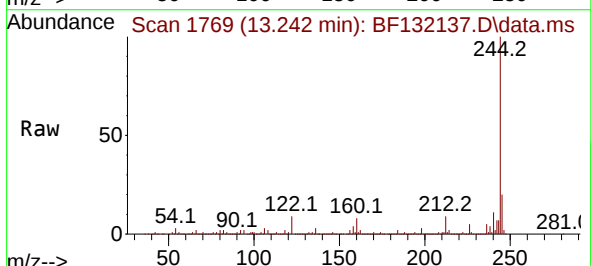
Tgt Ion:244 Resp: 1952103

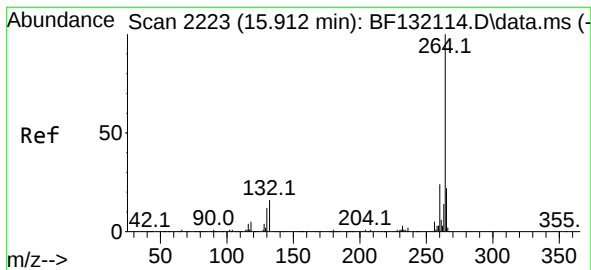
Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

122 9.1 7.0 10.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132137.D

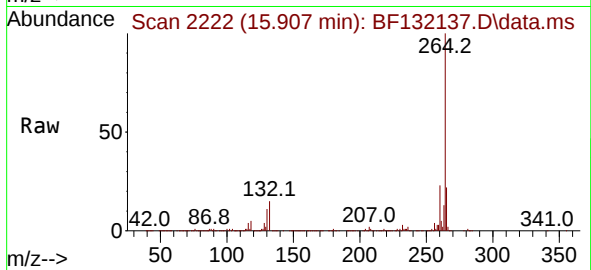
Acq: 19 Jan 2023 01:24

Instrument :

BNA_F

ClientSampleId :

PE-8



Tgt Ion:264 Resp: 451265

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 21.9 17.5 26.3

