

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136573.D
 Acq On : 14 Dec 2023 17:45
 Operator : CG\JU
 Sample : 05697-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 00:35:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

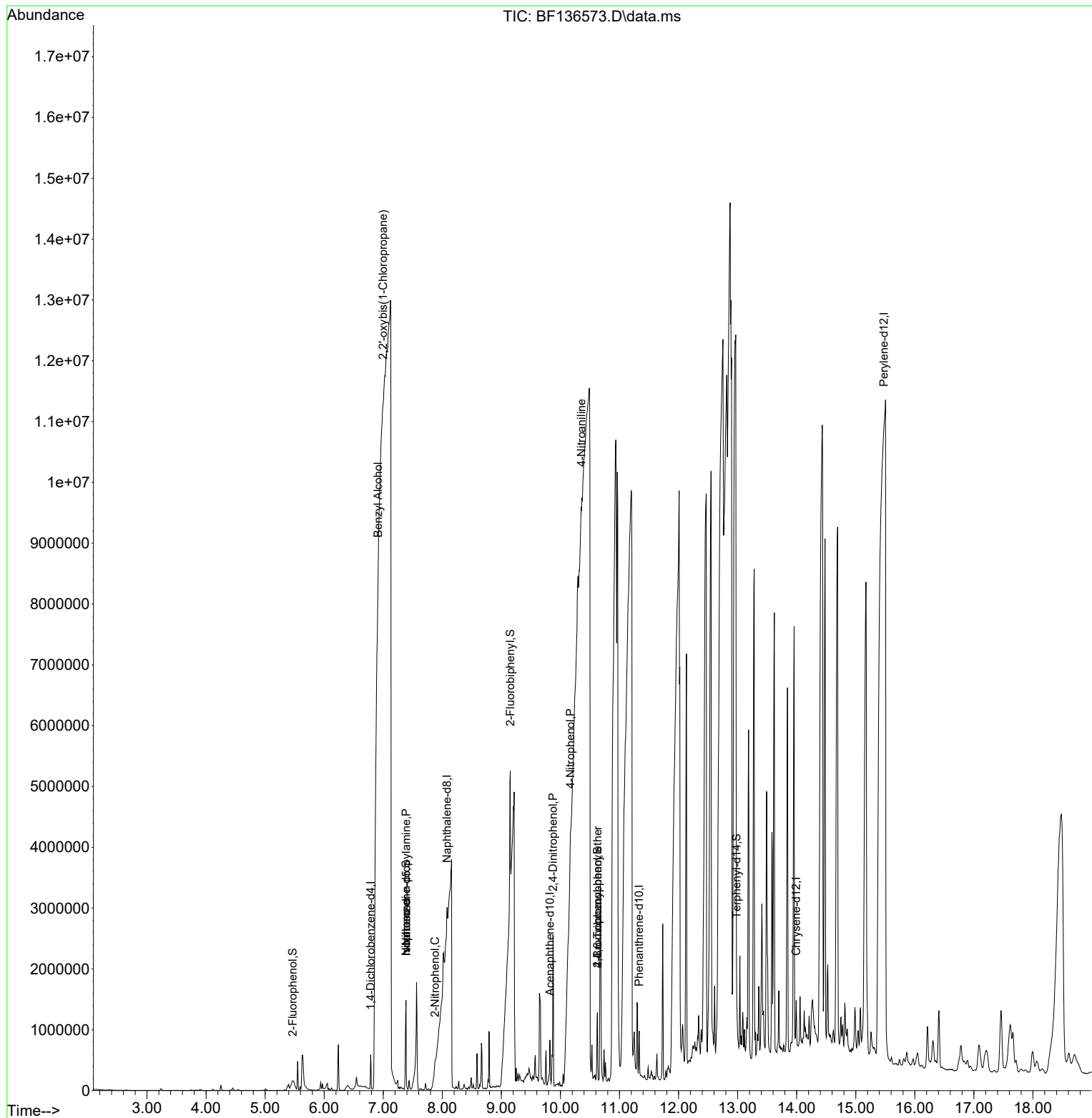
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	80261	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	252070	20.000	ng	# 0.01
39) Acenaphthene-d10	9.822	164	134033	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	254679	20.000	ng	0.02
76) Chrysene-d12	13.992	240	226685	20.000	ng	# 0.02
86) Perylene-d12	15.474	264	70200	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	199403	36.691	ng	0.05
7) Phenol-d6	6.469	99	1730	0.255	ng	0.04
23) Nitrobenzene-d5	7.387	82	458294	98.288	ng	0.03
42) 2,4,6-Tribromophenol	10.627	330	137783	83.372	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	793538	80.785	ng	0.00
79) Terphenyl-d14	12.980	244	563230	32.749	ng	0.07
Target Compounds						
						Qvalue
9) Benzaldehyde	6.345	77	1596	Below Cal		84
15) Benzyl Alcohol	6.910	79	24561	5.409 ng	#	36
16) 2,2'-oxybis(1-Chloropr...	6.998	45	399250	57.720 ng		95
19) n-Nitroso-di-n-propyla...	7.387	70	60645	15.505 ng	#	75
25) Isophorone	7.387	82	458294	54.708 ng	#	65
26) 2-Nitrophenol	7.875	139	7986	3.463 ng	#	51
54) 2,4-Dinitrophenol	9.875	184	4726	4.210 ng	#	30
56) 4-Nitrophenol	10.169	139	16004	9.417 ng		87
62) 4-Nitroaniline	10.357	138	359502	159.705 ng	#	28
67) 4-Bromophenyl-phenylether	10.627	248	8787	2.968 ng	#	1
77) Benzidine	12.710	184	4714	Below Cal	#	1

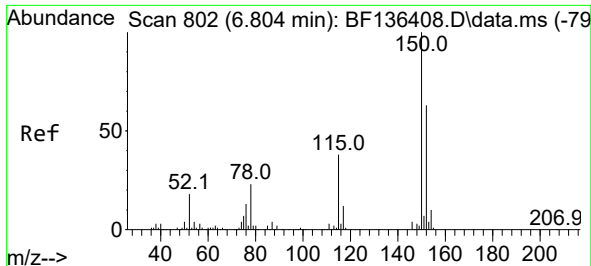
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136573.D
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Operator : CG\JU
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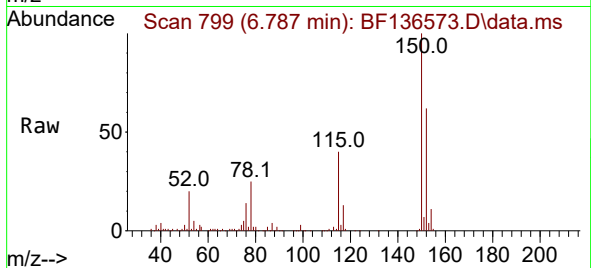
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 00:33:23 2023
Response via : Initial Calibration



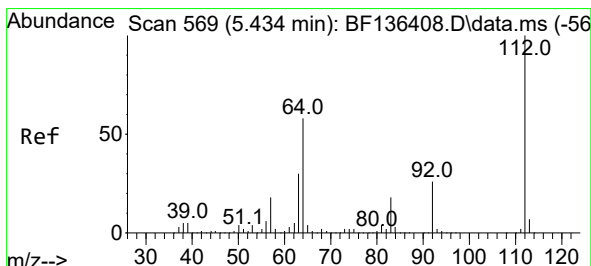
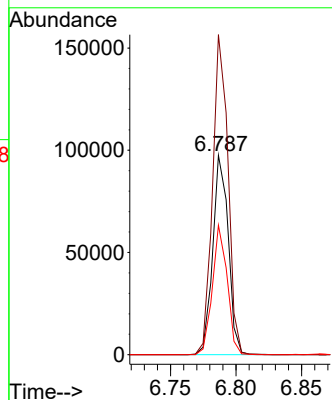
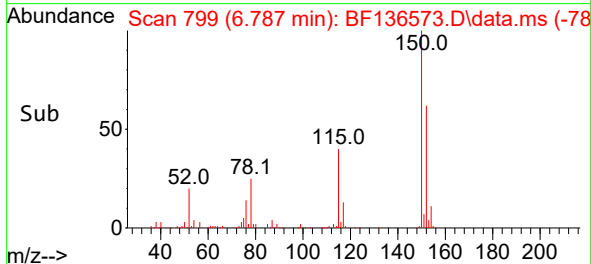


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: BF136573.D
 Acq: 14 Dec 2023 17:45

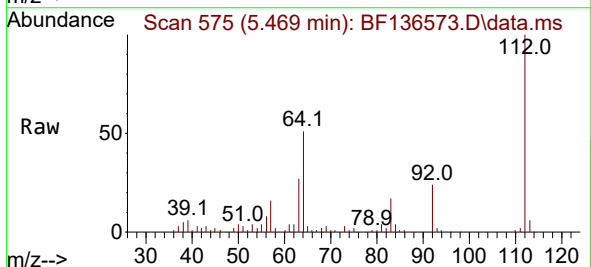
Instrument :
 BNA_F
 ClientSampleId :



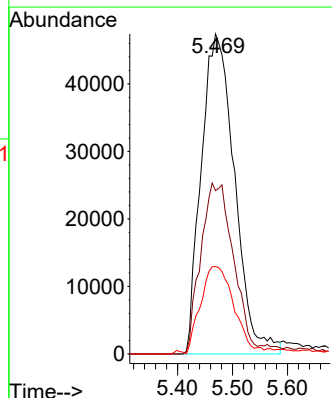
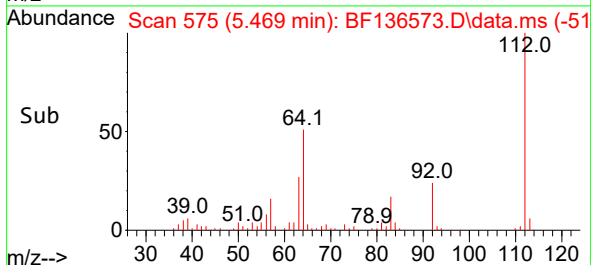
Tgt Ion:152 Resp: 80261
 Ion Ratio Lower Upper
 152 100
 150 160.6 126.4 189.6
 115 64.9 48.2 72.4

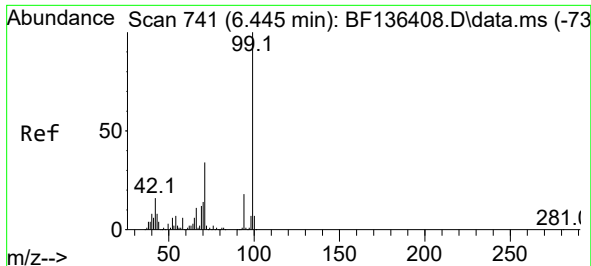


#5
 2-Fluorophenol
 Concen: 36.691 ng
 RT: 5.469 min Scan# 575
 Delta R.T. 0.047 min
 Lab File: BF136573.D
 Acq: 14 Dec 2023 17:45



Tgt Ion:112 Resp: 199403
 Ion Ratio Lower Upper
 112 100
 64 51.1 46.5 69.7
 63 27.3 23.9 35.9

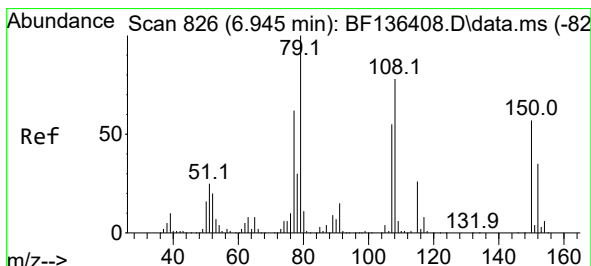
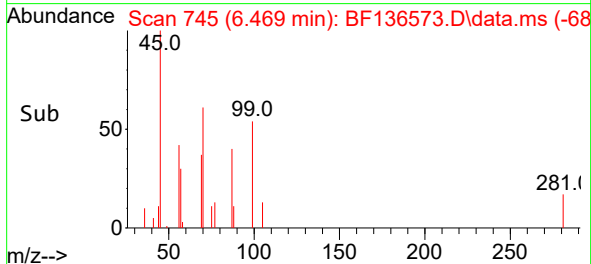
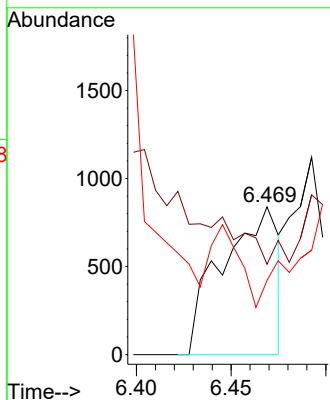
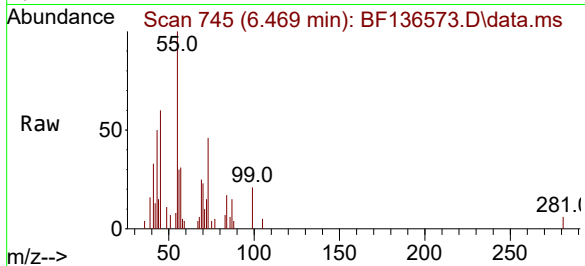




#7
Phenol-d6
Concen: 0.255 ng
RT: 6.469 min Scan# 741
Delta R.T. 0.035 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

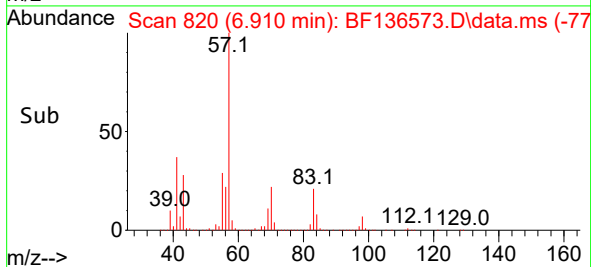
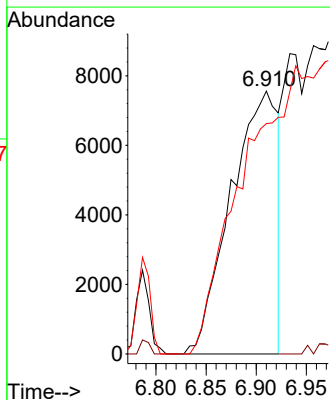
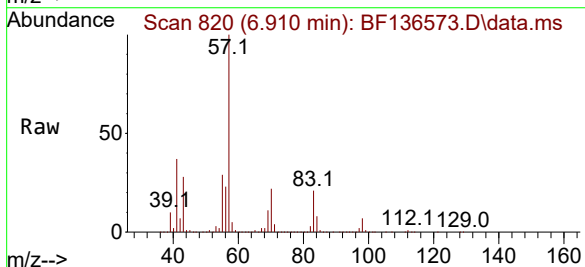
Instrument :
BNA_F
ClientSampleId :

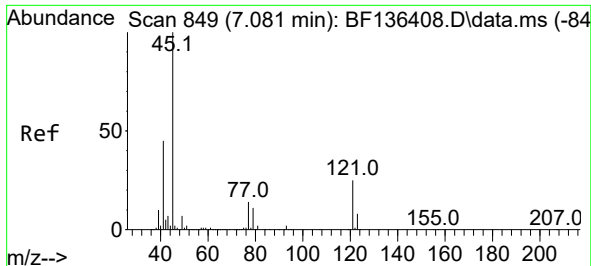
Tgt Ion: 99 Resp: 1730
Ion Ratio Lower Upper
99 100
42 61.1 12.8 19.2#
71 50.2 27.0 40.4#



#15
Benzyl Alcohol
Concen: 5.409 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.024 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

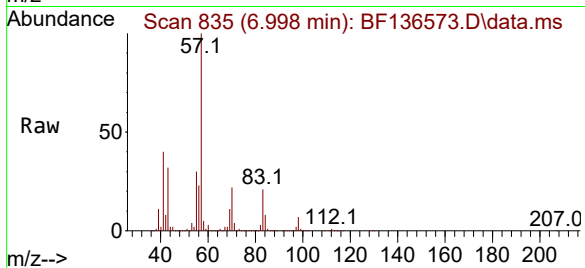
Tgt Ion: 79 Resp: 24561
Ion Ratio Lower Upper
79 100
108 0.0 62.3 93.5#
77 87.6 49.8 74.8#



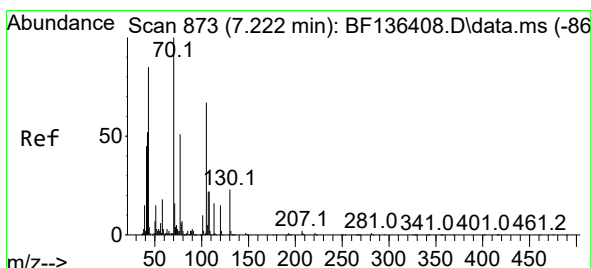
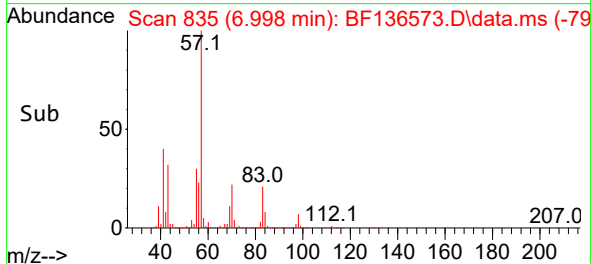
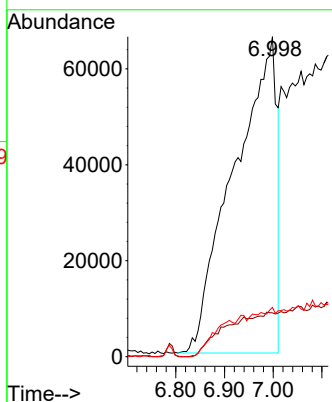


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.720 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.065 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

Instrument :
BNA_F
ClientSampleId :

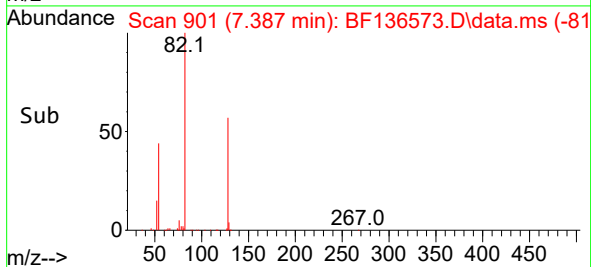
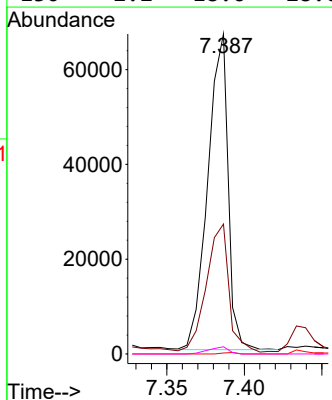
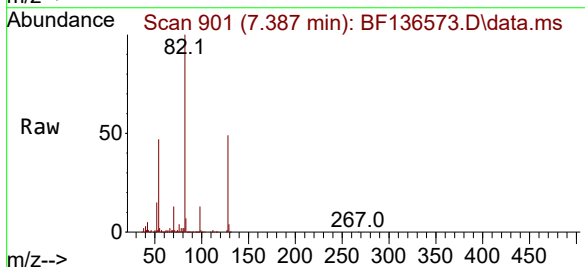


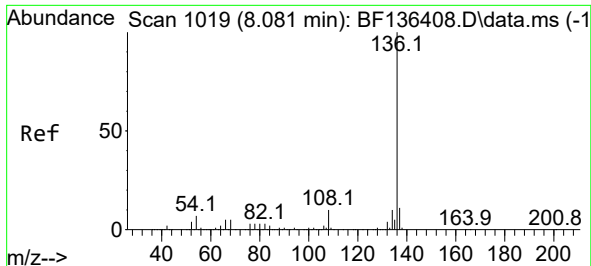
Tgt Ion: 45 Resp: 399250
Ion Ratio Lower Upper
45 100
77 13.7 0.0 35.3
79 15.4 0.0 32.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.505 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.182 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

Tgt Ion: 70 Resp: 60645
Ion Ratio Lower Upper
70 100
42 40.6 41.4 62.0#
101 0.3 8.2 12.4#
130 2.2 18.6 28.0#

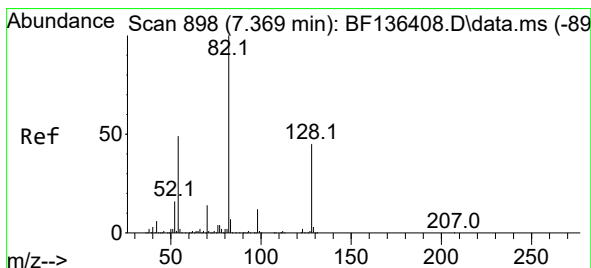
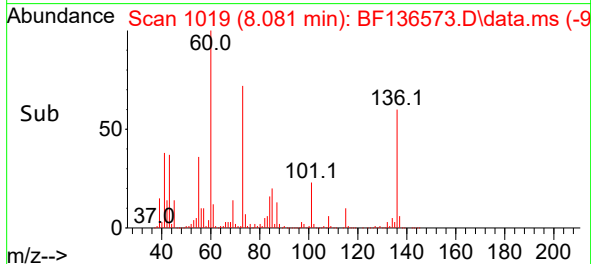
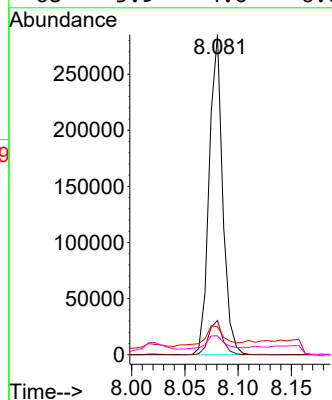
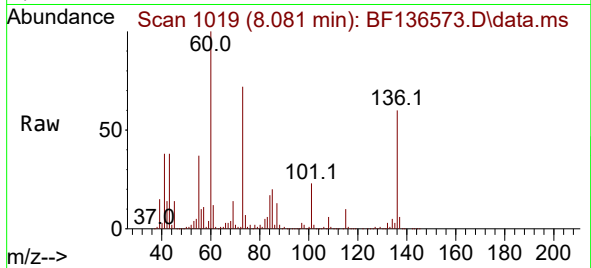




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.012 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

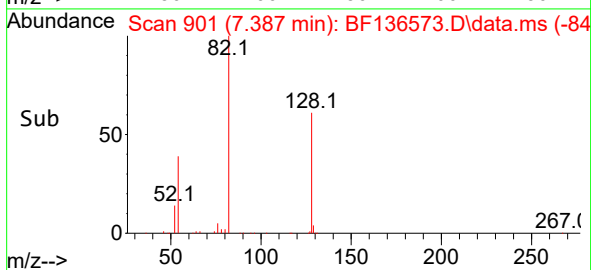
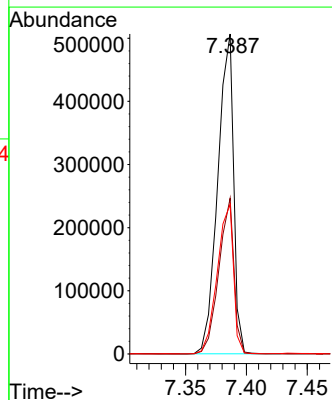
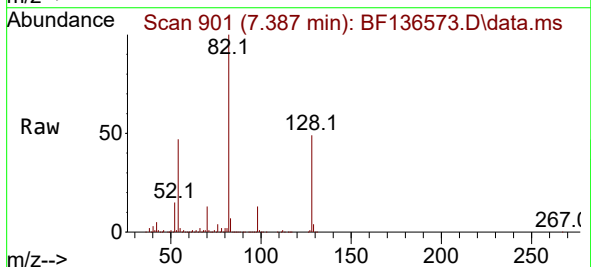
Instrument :
BNA_F
ClientSampleId :

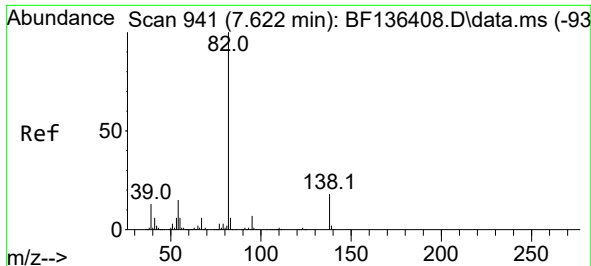
Tgt Ion:136 Resp: 252070
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.8 5.7 8.5#
68 5.9 4.0 6.0



#23
Nitrobenzene-d5
Concen: 98.288 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.029 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

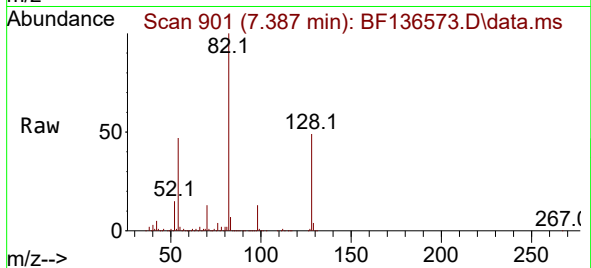
Tgt Ion: 82 Resp: 458294
Ion Ratio Lower Upper
82 100
128 48.7 36.3 54.5
54 46.8 39.0 58.6



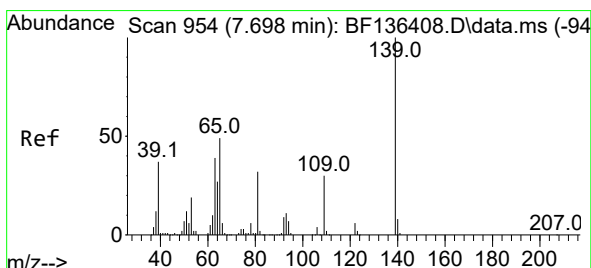
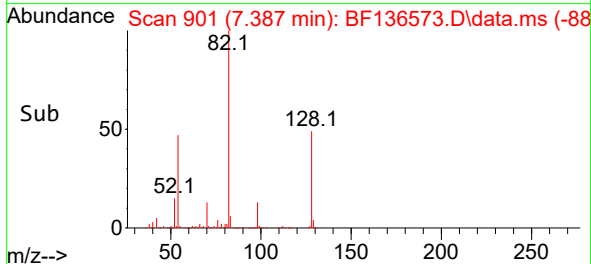
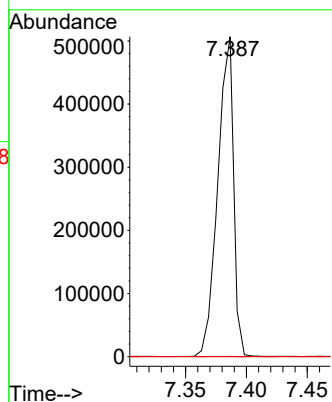


#25
Isophorone
Concen: 54.708 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.224 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

Instrument :
BNA_F
ClientSampleId :

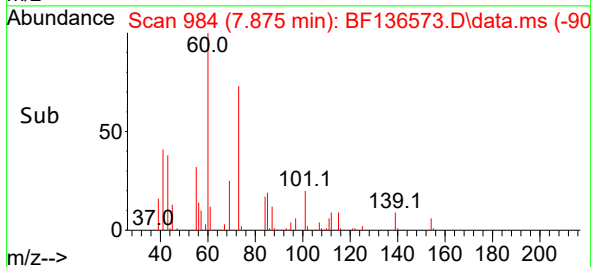
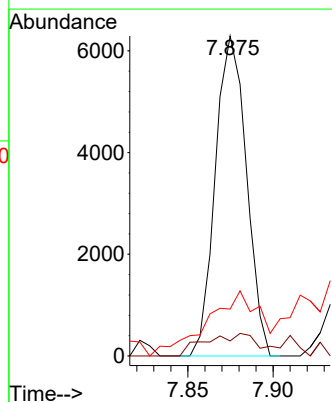
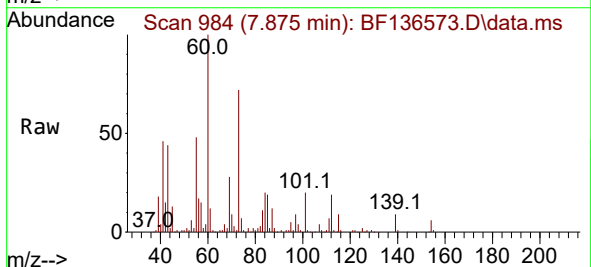


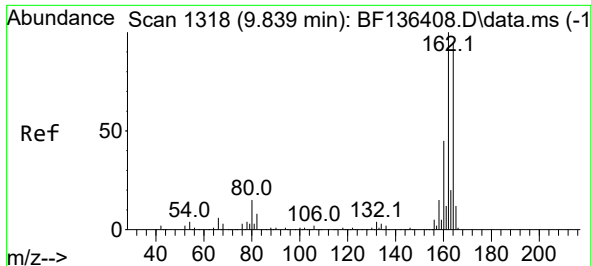
Tgt Ion: 82 Resp: 458294
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.5 21.7#



#26
2-Nitrophenol
Concen: 3.463 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.188 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

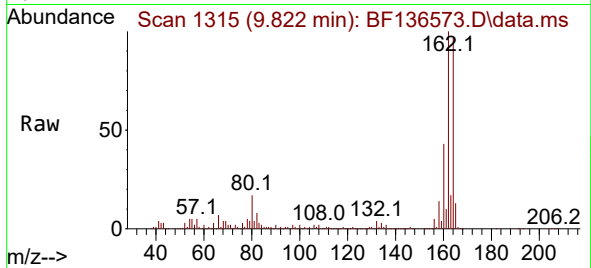
Tgt Ion:139 Resp: 7986
Ion Ratio Lower Upper
139 100
109 4.7 23.6 35.4#
65 14.7 39.4 59.2#



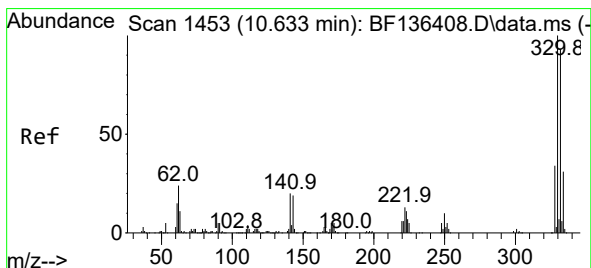
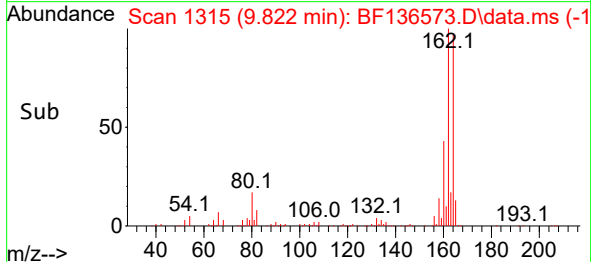
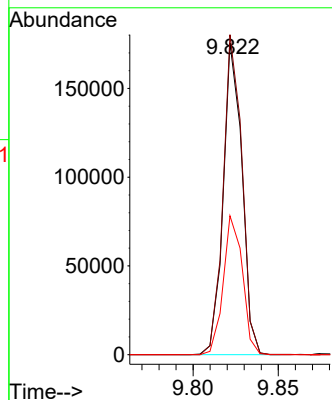


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

Instrument :
BNA_F
ClientSampleId :

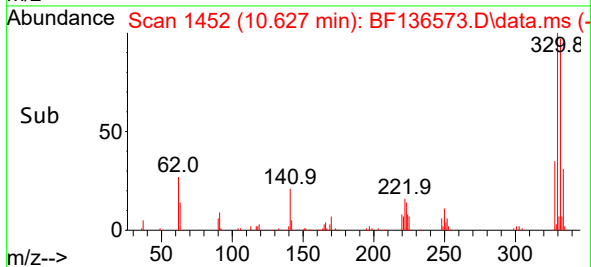
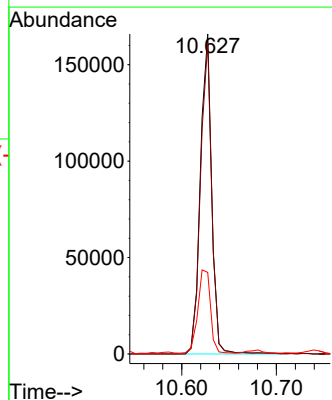
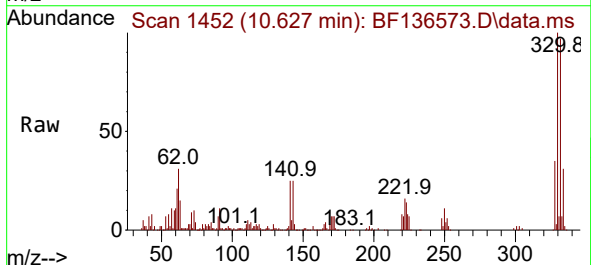


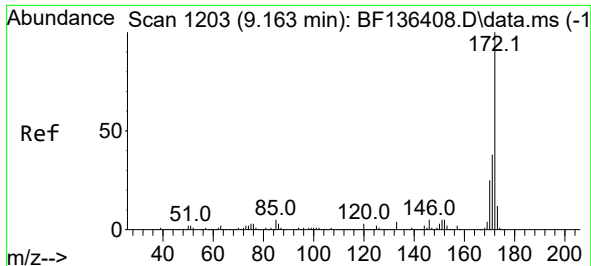
Tgt Ion:164 Resp: 134033
Ion Ratio Lower Upper
164 100
162 102.6 84.4 126.6
160 44.5 37.6 56.4



#42
2,4,6-Tribromophenol
Concen: 83.372 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

Tgt Ion:330 Resp: 137783
Ion Ratio Lower Upper
330 100
332 96.8 76.4 114.6
141 28.9 23.4 35.2

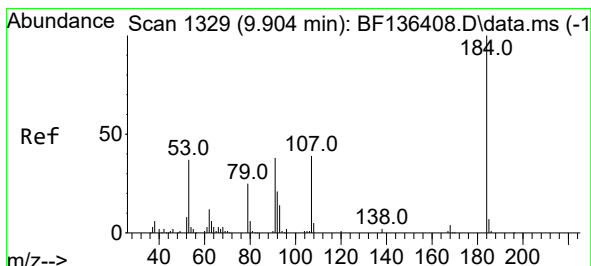
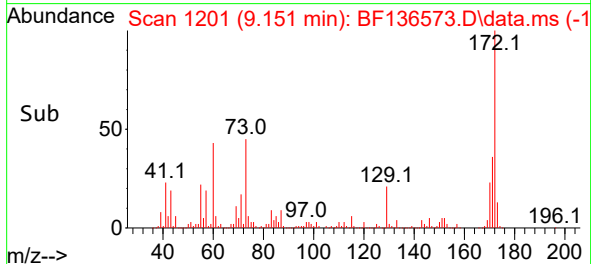
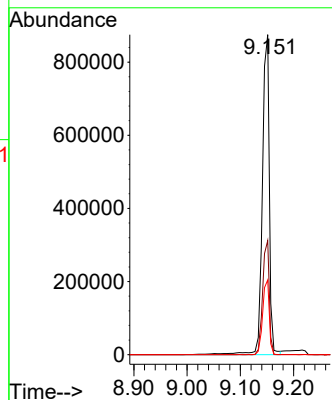
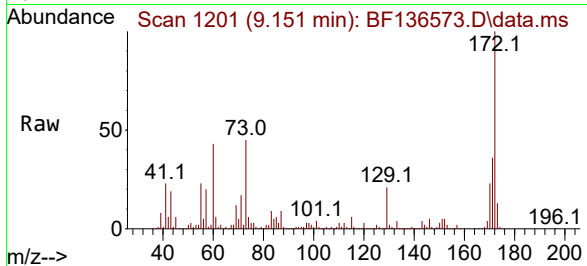




#45
2-Fluorobiphenyl
Concen: 80.785 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

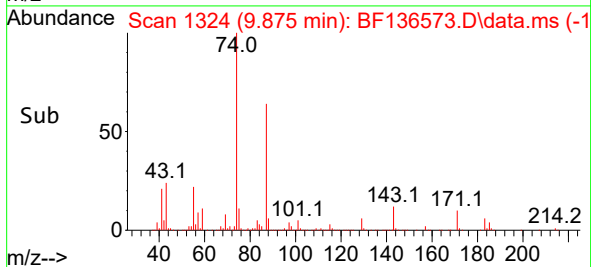
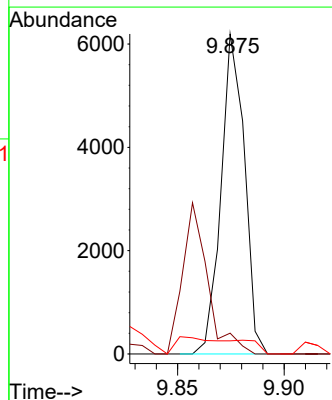
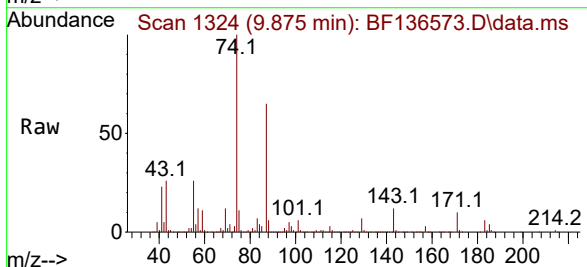
Instrument :
BNA_F
ClientSampleId :

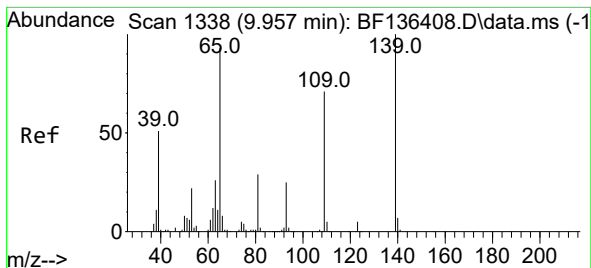
Tgt Ion:172 Resp: 793538
Ion Ratio Lower Upper
172 100
171 35.6 30.5 45.7
170 23.4 19.9 29.9



#54
2,4-Dinitrophenol
Concen: 4.210 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.018 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

Tgt Ion:184 Resp: 4726
Ion Ratio Lower Upper
184 100
63 6.5 39.1 58.7#
154 4.1 49.9 74.9#

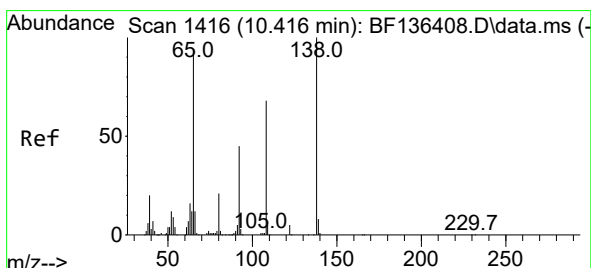
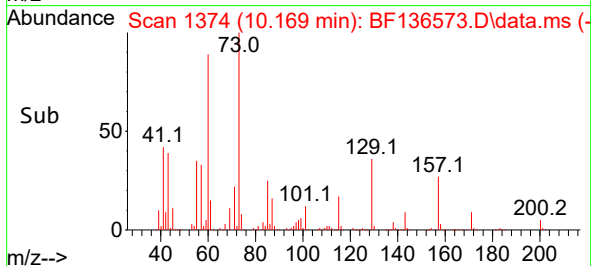
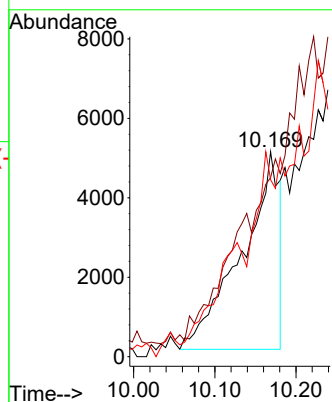
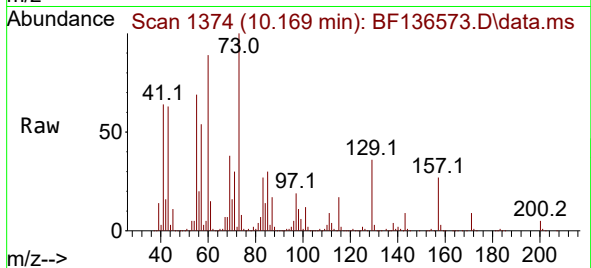




#56
4-Nitrophenol
Concen: 9.417 ng
RT: 10.169 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

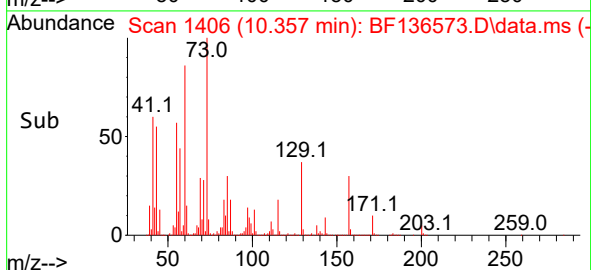
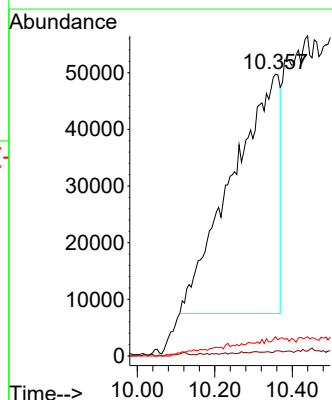
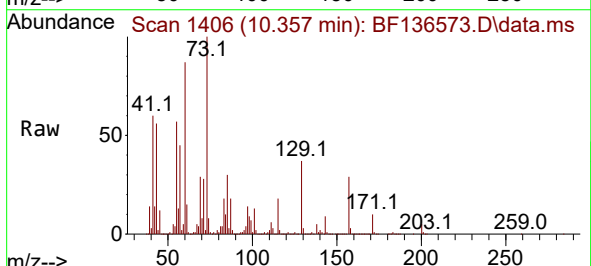
Instrument :
BNA_F
ClientSampleId :

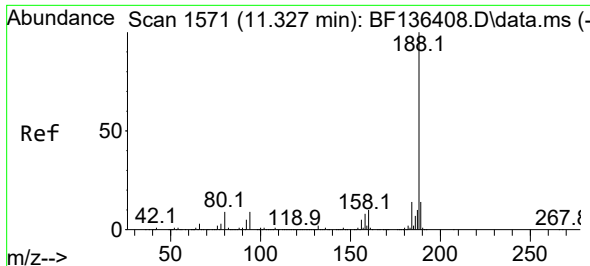
Tgt Ion:139 Resp: 16004
Ion Ratio Lower Upper
139 100
109 87.5 50.6 90.6
65 86.4 73.1 113.1



#62
4-Nitroaniline
Concen: 159.705 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.047 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

Tgt Ion:138 Resp: 359502
Ion Ratio Lower Upper
138 100
92 1.8 25.0 65.0#
108 6.8 47.9 87.9#

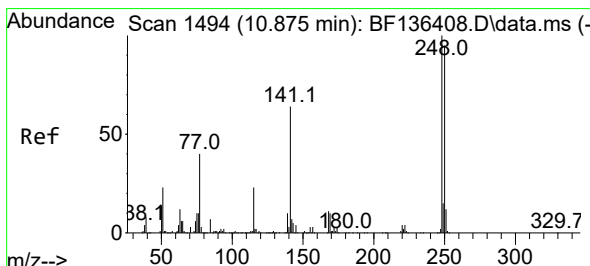
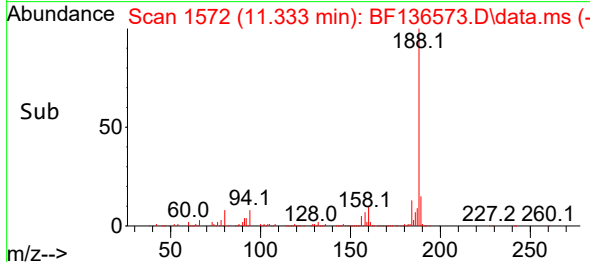
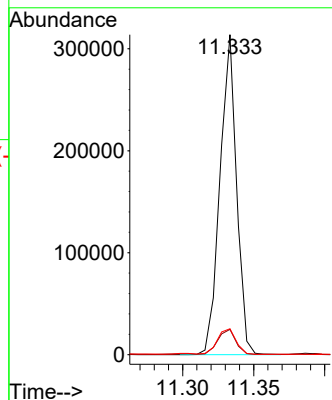
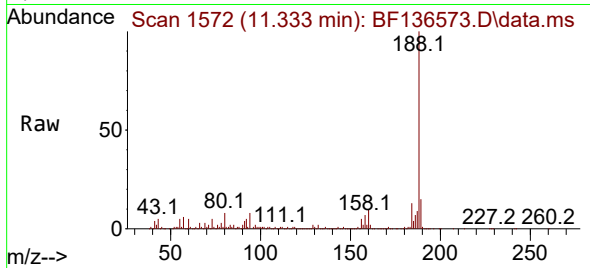




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

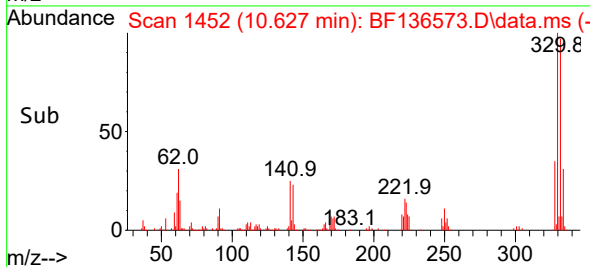
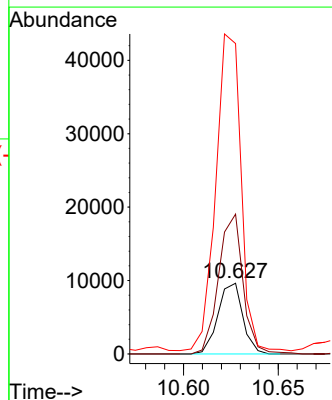
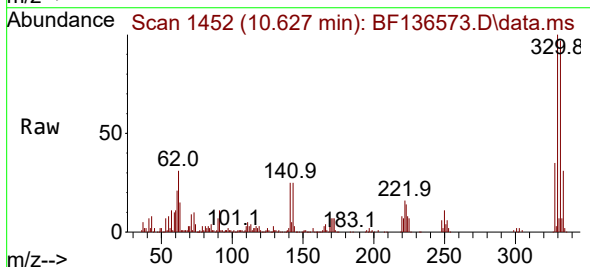
Instrument :
BNA_F
ClientSampleId :

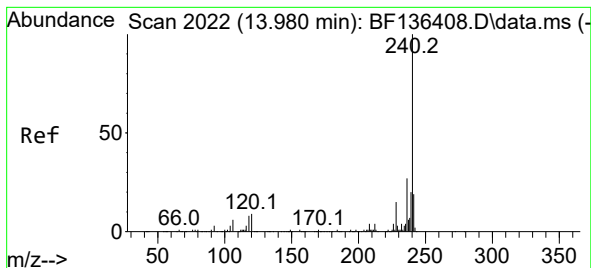
Tgt Ion:188 Resp: 254679
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 8.1 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 2.968 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.235 min
Lab File: BF136573.D
Acq: 14 Dec 2023 17:45

Tgt Ion:248 Resp: 8787
Ion Ratio Lower Upper
248 100
250 197.5 76.2 114.2#
141 438.5 51.0 76.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF136573.D

Acq: 14 Dec 2023 17:45

Instrument :

BNA_F

ClientSampleId :

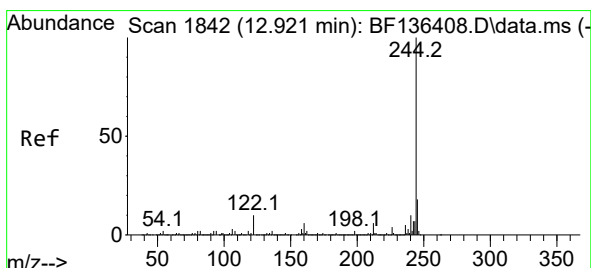
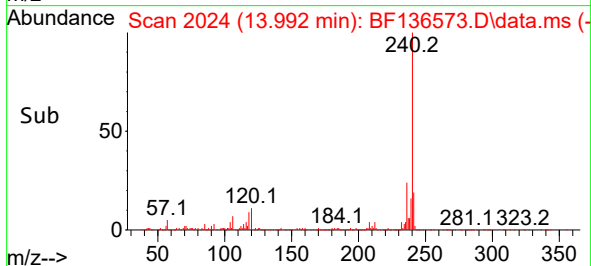
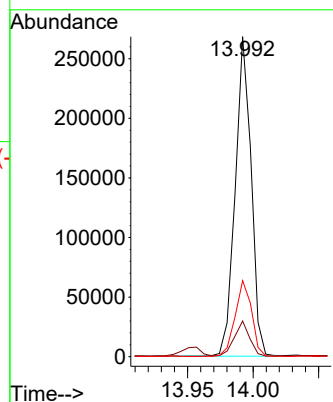
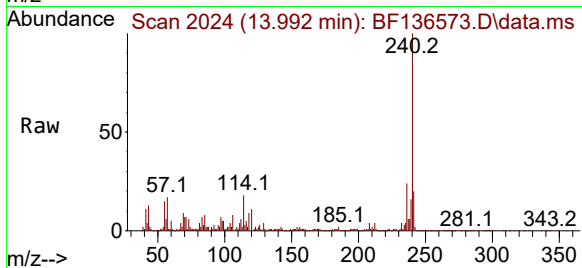
Tgt Ion:240 Resp: 226685

Ion Ratio Lower Upper

240 100

120 11.2 7.3 10.9#

236 23.8 21.3 31.9



#79

Terphenyl-d14

Concen: 32.749 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.071 min

Lab File: BF136573.D

Acq: 14 Dec 2023 17:45

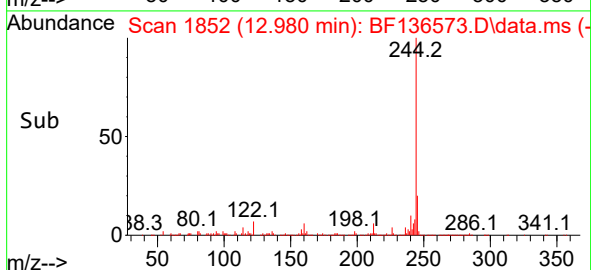
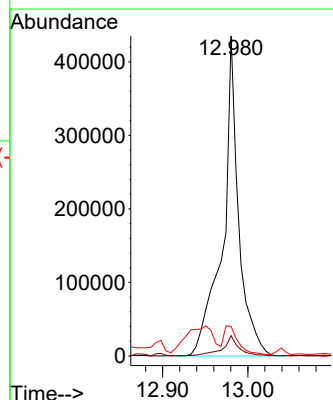
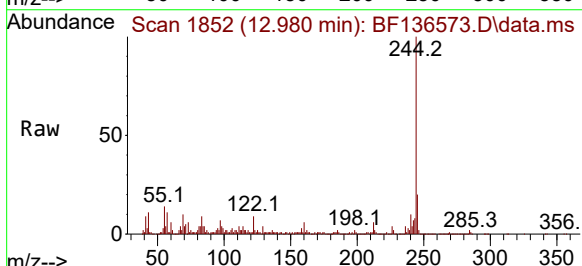
Tgt Ion:244 Resp: 563230

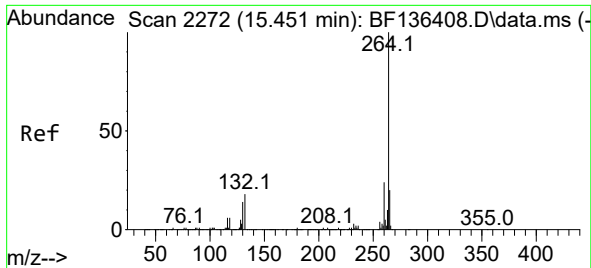
Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

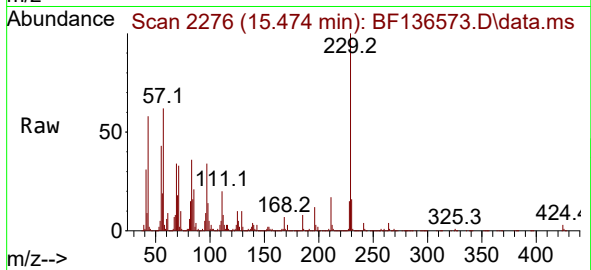
122 9.2 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 21
 Delta R.T. 0.035 min
 Lab File: BF136573.D
 Acq: 14 Dec 2023 17:45

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:	264	Resp:	70200
Ion Ratio	Lower	Upper	
264	100		
260	22.2	19.2	28.8
265	23.8	15.9	23.9

