

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
 Data File : BF132568.D
 Acq On : 28 Feb 2023 12:59
 Operator : CG\JU
 Sample : PB151052BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151052BL

Quant Time: Feb 28 13:50:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

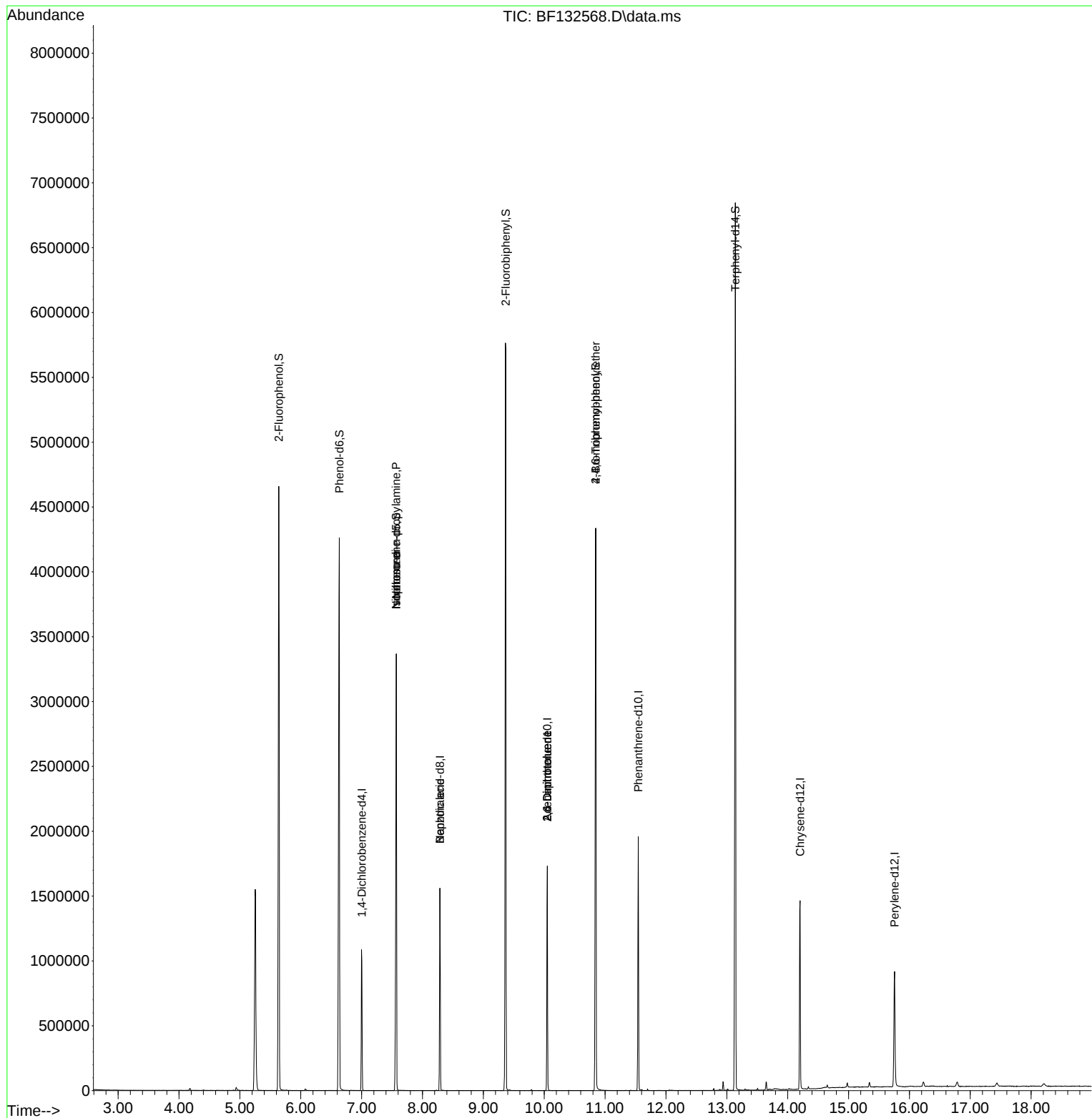
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	162418	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	592834	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	334189	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	682607	20.000	ng	0.00
76) Chrysene-d12	14.204	240	531804	20.000	ng	0.00
86) Perylene-d12	15.757	264	432909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	1345093	134.409	ng	0.00
7) Phenol-d6	6.634	99	1719704	131.671	ng	0.00
23) Nitrobenzene-d5	7.569	82	1163735	93.133	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	549239	152.182	ng	0.00
45) 2-Fluorobiphenyl	9.369	172	1921140	87.533	ng	0.00
79) Terphenyl-d14	13.139	244	2662230	84.639	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.569	70	158780	19.754	ng	# 78
25) Isophorone	7.569	82	1163719	48.576	ng	# 67
32) Benzoic acid	8.287	122	65	3.844	ng	# 1
51) 2,6-Dinitrotoluene	10.051	165	43709	7.887	ng	# 22
57) 2,4-Dinitrotoluene	10.051	165	43709	5.929	ng	# 21
67) 4-Bromophenyl-phenylether	10.845	248	35527	4.601	ng	# 1

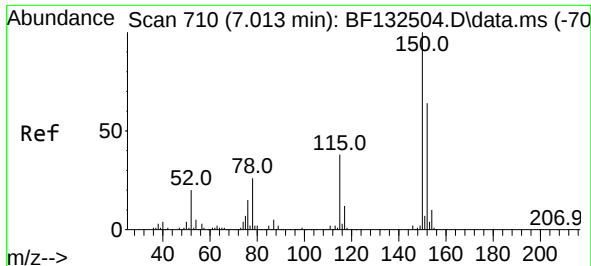
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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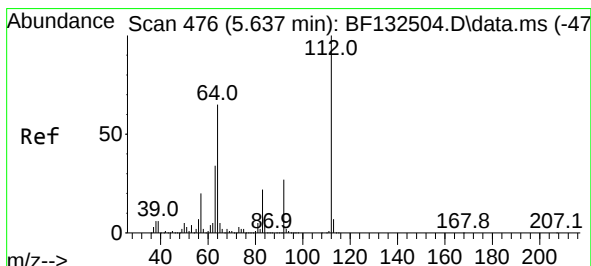
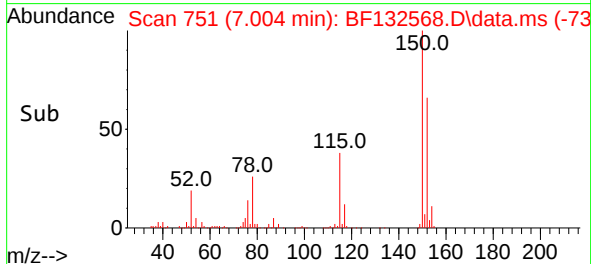
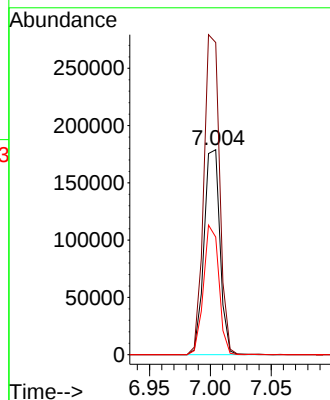
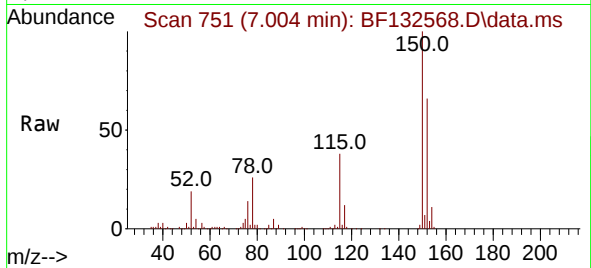




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 710
Delta R.T. -0.003 min
Lab File: BF132568.D
Acq: 28 Feb 2023 12:59

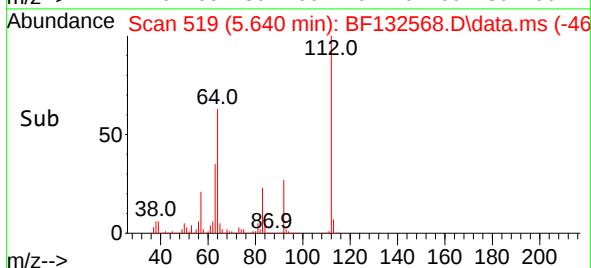
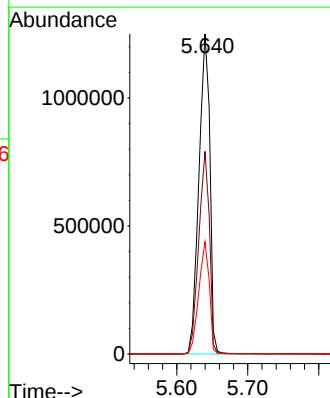
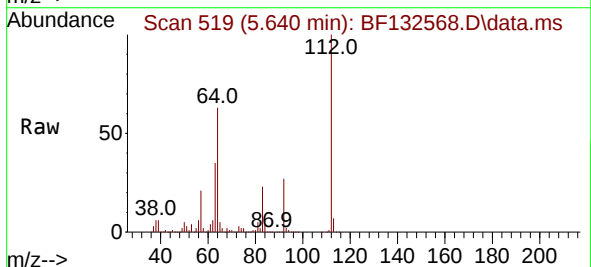
Instrument :
BNA_F
ClientSampleId :
PB151052BL

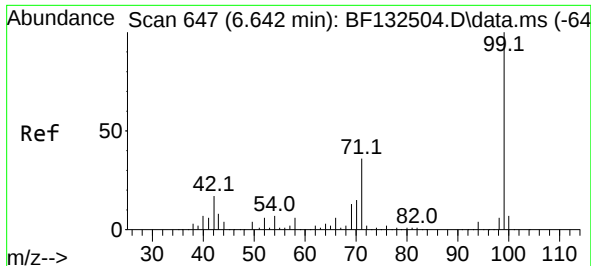
Tgt Ion:152 Resp: 162418
Ion Ratio Lower Upper
152 100
150 152.3 125.4 188.2
115 57.3 47.8 71.6



#5
2-Fluorophenol
Concen: 134.409 ng
RT: 5.640 min Scan# 519
Delta R.T. 0.009 min
Lab File: BF132568.D
Acq: 28 Feb 2023 12:59

Tgt Ion:112 Resp: 1345093
Ion Ratio Lower Upper
112 100
64 63.3 51.6 77.4
63 35.1 27.4 41.2

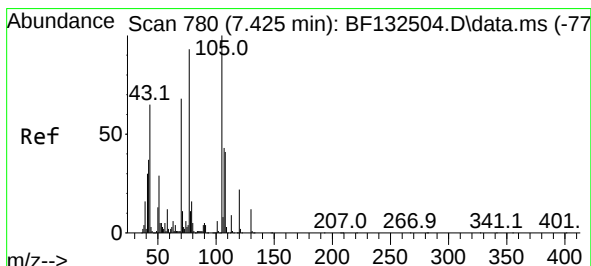
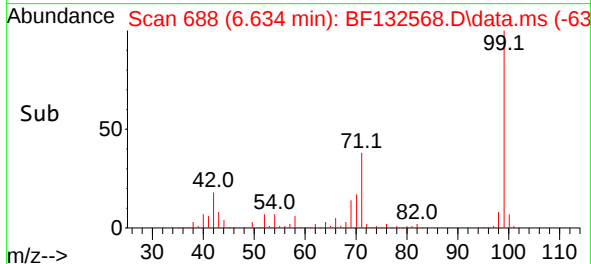
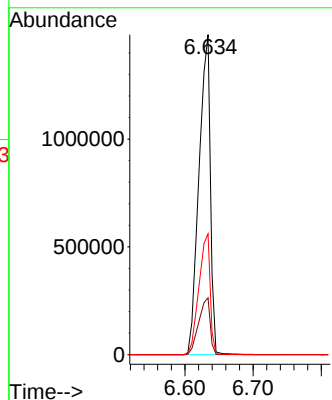
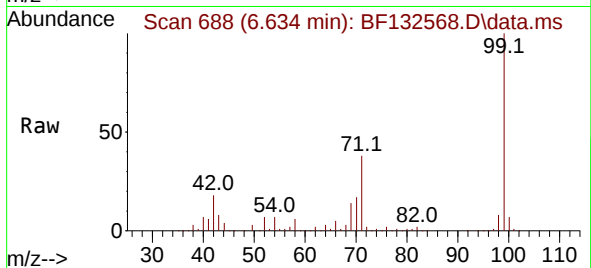




#7
Phenol-d6
Concen: 131.671 ng
RT: 6.634 min Scan# 61
Delta R.T. -0.003 min
Lab File: BF132568.D
Acq: 28 Feb 2023 12:59

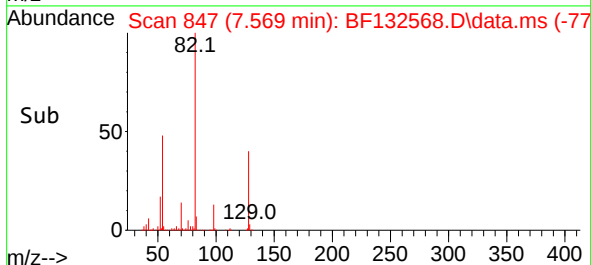
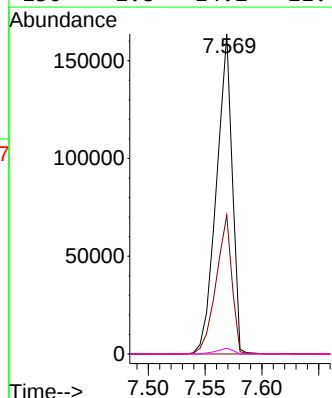
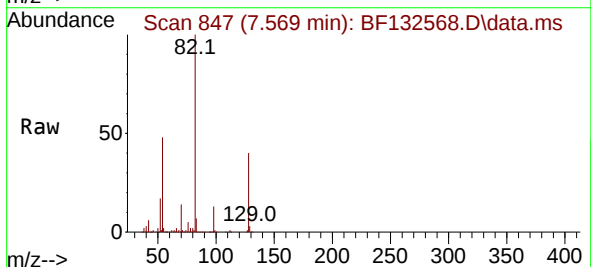
Instrument :
BNA_F
ClientSampleId :
PB151052BL

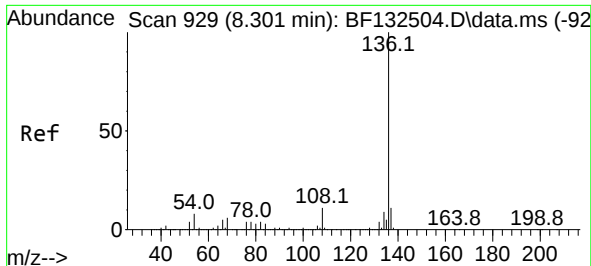
Tgt Ion: 99 Resp: 1719704
Ion Ratio Lower Upper
99 100
42 17.7 13.9 20.9
71 37.7 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.754 ng
RT: 7.569 min Scan# 847
Delta R.T. 0.150 min
Lab File: BF132568.D
Acq: 28 Feb 2023 12:59

Tgt Ion: 70 Resp: 158780
Ion Ratio Lower Upper
70 100
42 43.4 44.1 66.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.4#

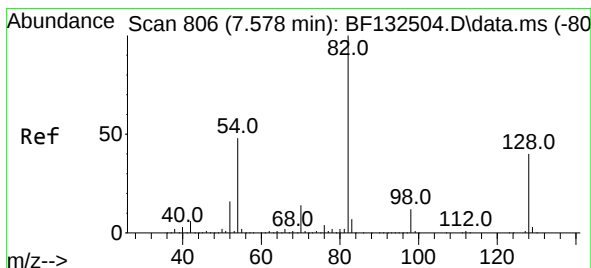
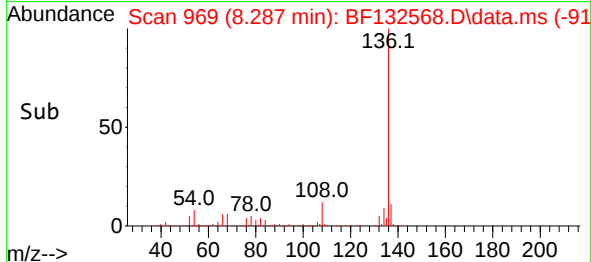
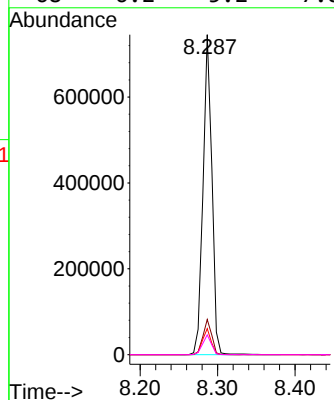
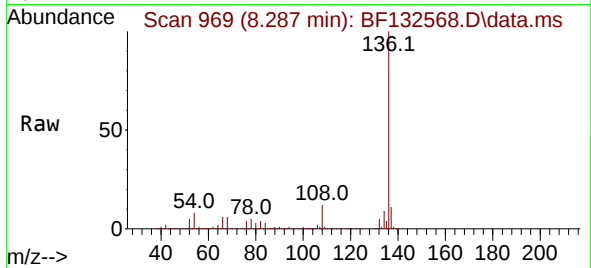




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132568.D
Acq: 28 Feb 2023 12:59

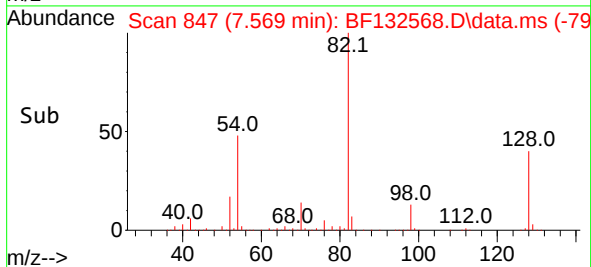
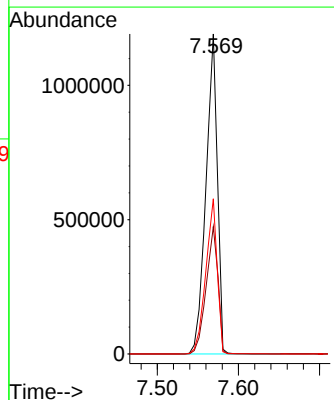
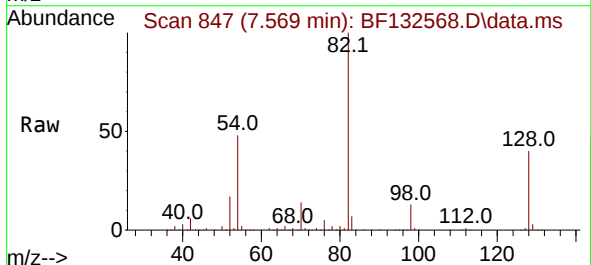
Instrument :
BNA_F
ClientSampleId :
PB151052BL

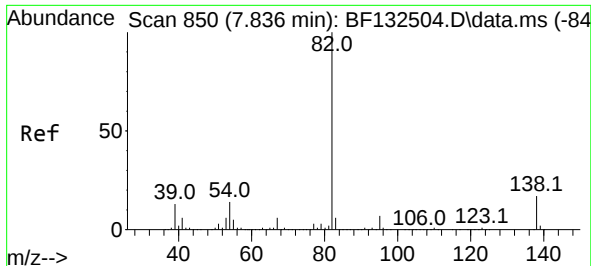
Tgt Ion:136 Resp: 592834
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.2 6.2 9.4
68 6.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 93.133 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.003 min
Lab File: BF132568.D
Acq: 28 Feb 2023 12:59

Tgt Ion: 82 Resp: 1163735
Ion Ratio Lower Upper
82 100
128 39.8 32.2 48.2
54 48.5 38.4 57.6

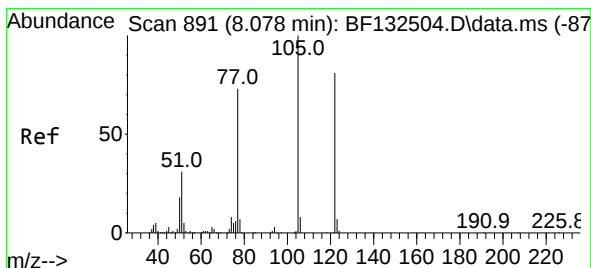
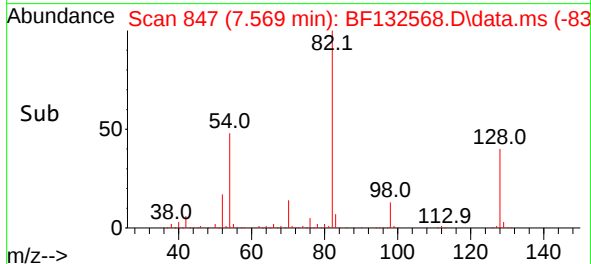
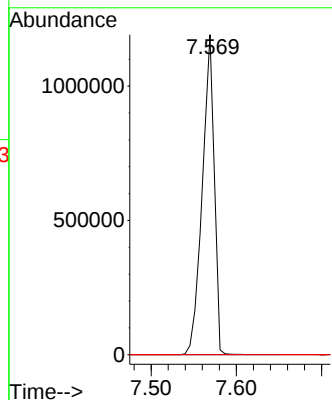
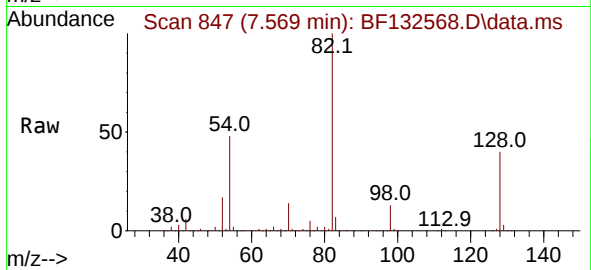




#25
Isophorone
Concen: 48.576 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.256 min
Lab File: BF132568.D
Acq: 28 Feb 2023 12:59

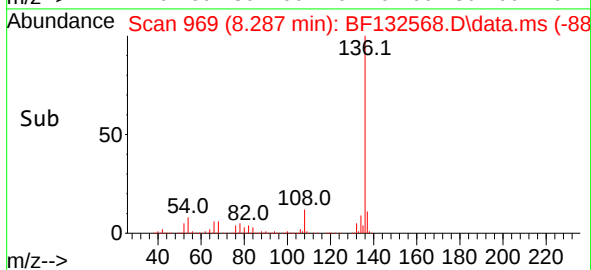
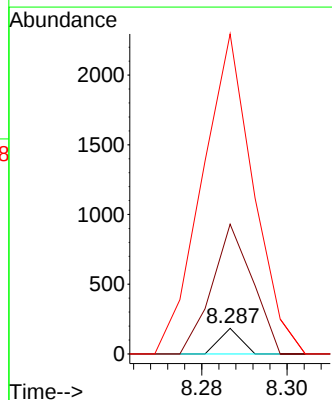
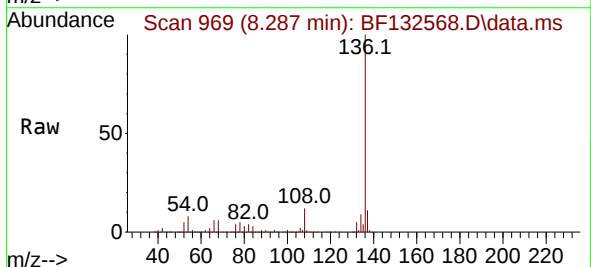
Instrument :
BNA_F
ClientSampleId :
PB151052BL

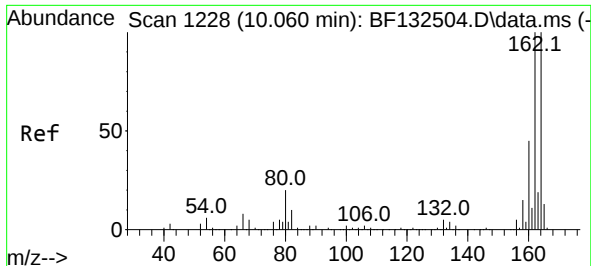
Tgt Ion: 82 Resp: 1163719
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.844 ng
RT: 8.287 min Scan# 969
Delta R.T. 0.221 min
Lab File: BF132568.D
Acq: 28 Feb 2023 12:59

Tgt Ion:122 Resp: 65
Ion Ratio Lower Upper
122 100
105 505.4 102.6 142.6#
77 1247.3 70.2 110.2#

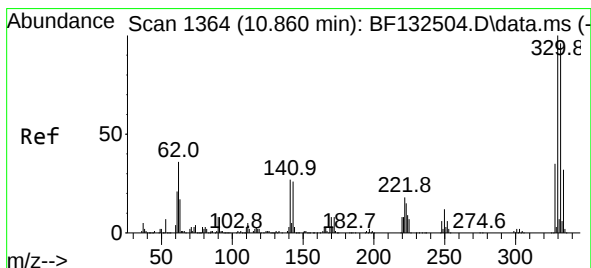
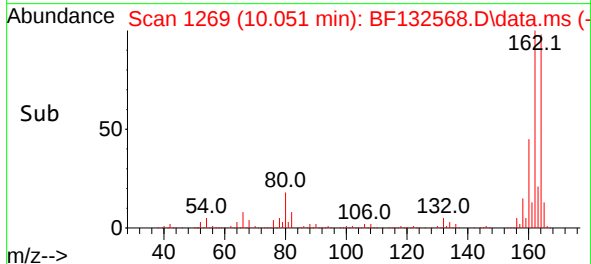
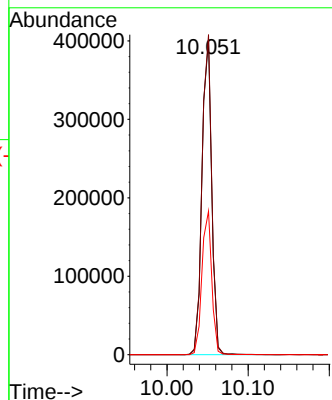
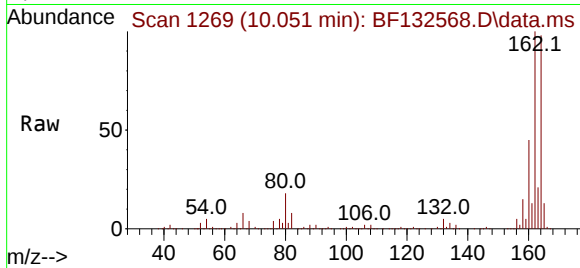




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132568.D
Acq: 28 Feb 2023 12:59

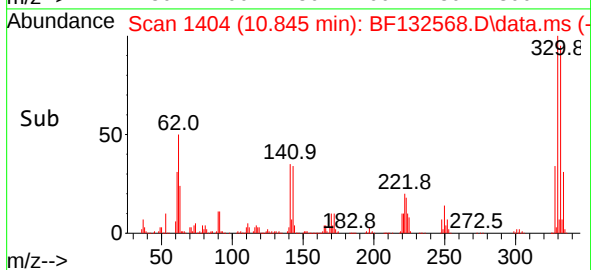
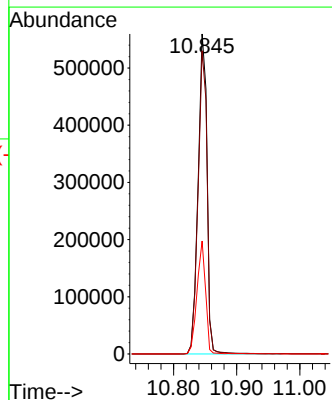
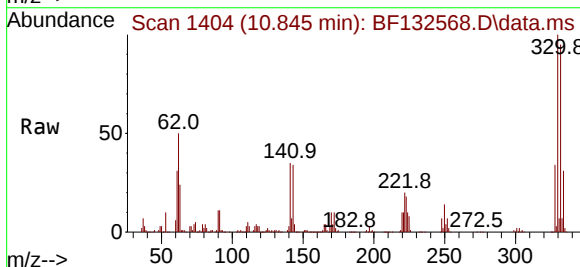
Instrument :
BNA_F
ClientSampleId :
PB151052BL

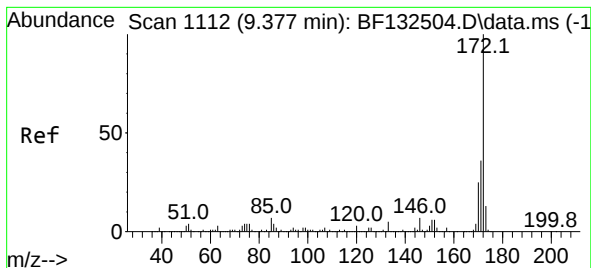
Tgt Ion:164 Resp: 334189
Ion Ratio Lower Upper
164 100
162 101.8 79.8 119.8
160 45.6 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 152.182 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132568.D
Acq: 28 Feb 2023 12:59

Tgt Ion:330 Resp: 549239
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 34.1 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 87.533 ng

RT: 9.369 min Scan# 1112

Delta R.T. -0.003 min

Lab File: BF132568.D

Acq: 28 Feb 2023 12:59

Instrument :

BNA_F

ClientSampleId :

PB151052BL

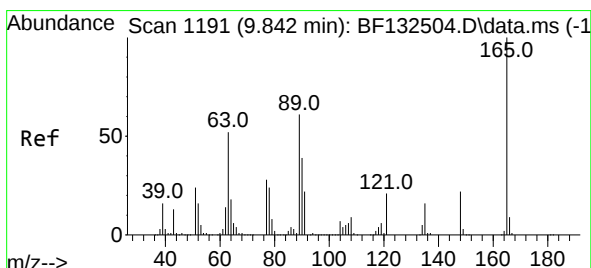
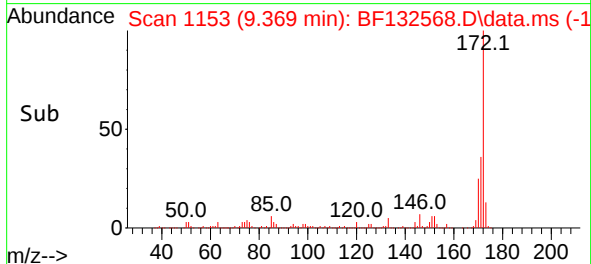
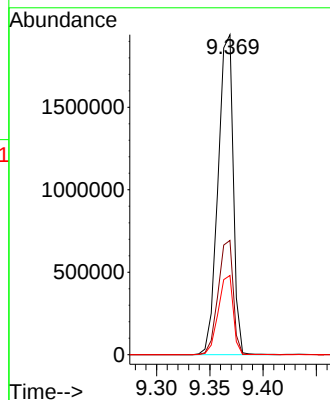
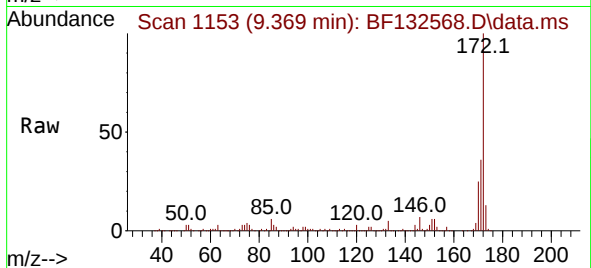
Tgt Ion:172 Resp: 1921140

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.7 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.887 ng

RT: 10.051 min Scan# 1269

Delta R.T. 0.215 min

Lab File: BF132568.D

Acq: 28 Feb 2023 12:59

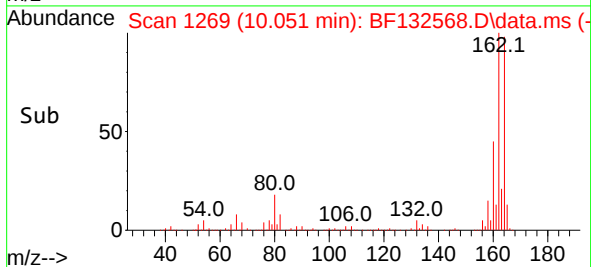
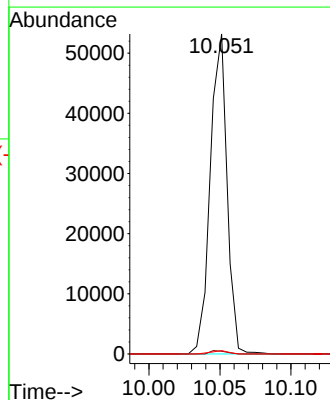
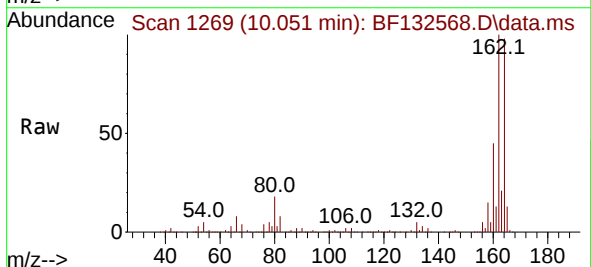
Tgt Ion:165 Resp: 43709

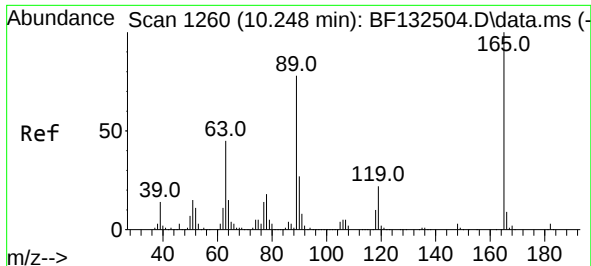
Ion Ratio Lower Upper

165 100

63 0.9 47.3 70.9#

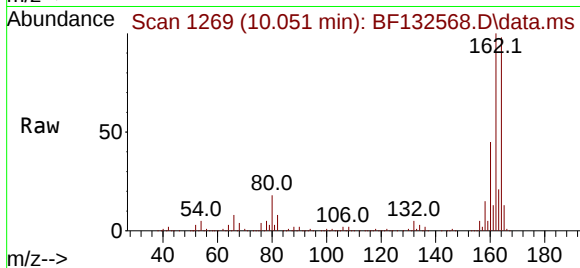
89 1.1 48.9 73.3#



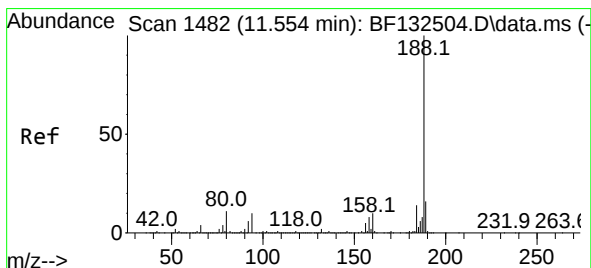
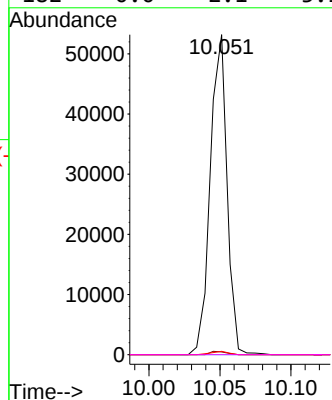
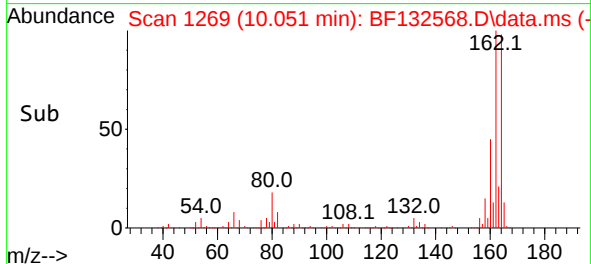


#57
2,4-Dinitrotoluene
Concen: 5.929 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.191 min
Lab File: BF132568.D
Acq: 28 Feb 2023 12:59

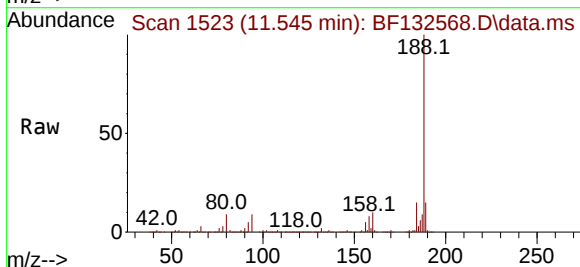
Instrument :
BNA_F
ClientSampleId :
PB151052BL



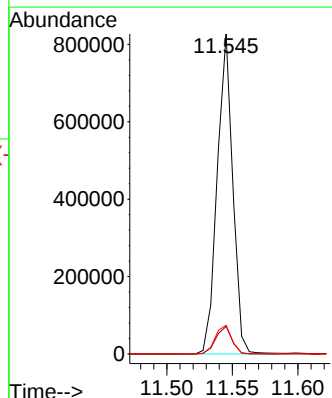
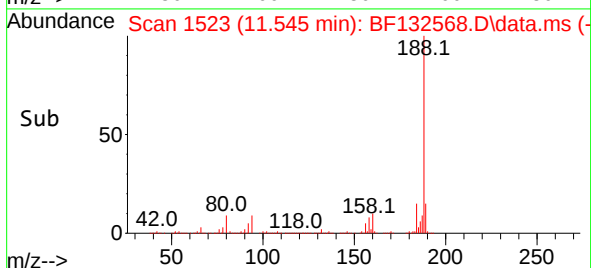
Tgt Ion:165 Resp: 43709
Ion Ratio Lower Upper
165 100
63 0.9 36.5 54.7#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#

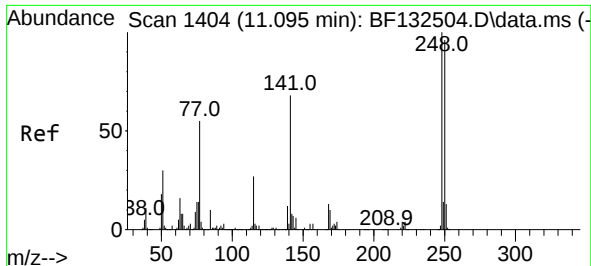


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132568.D
Acq: 28 Feb 2023 12:59



Tgt Ion:188 Resp: 682607
Ion Ratio Lower Upper
188 100
94 8.6 8.3 12.5
80 9.0 8.7 13.1

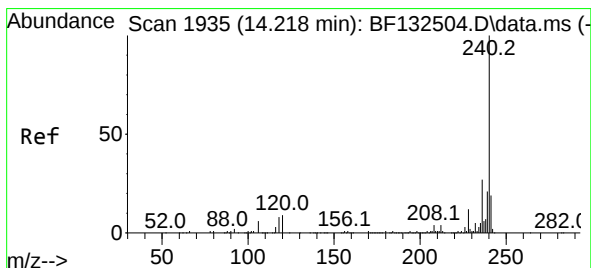
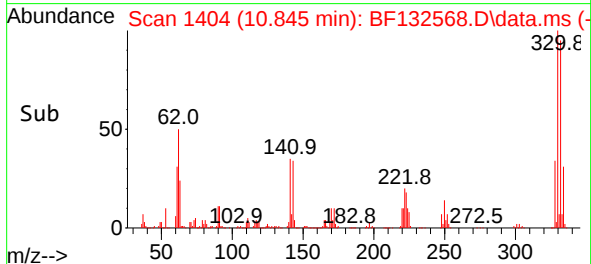
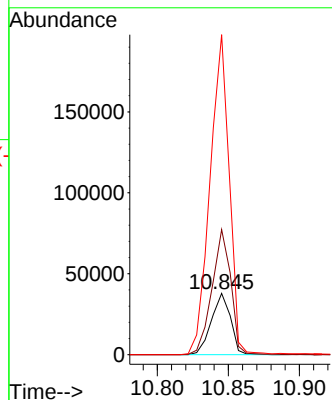
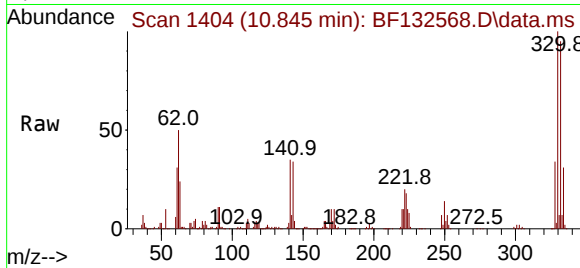




#67
4-Bromophenyl-phenylether
Concen: 4.601 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.244 min
Lab File: BF132568.D
Acq: 28 Feb 2023 12:59

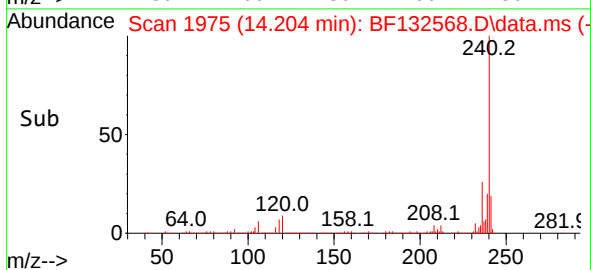
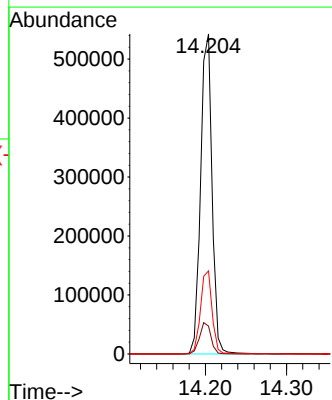
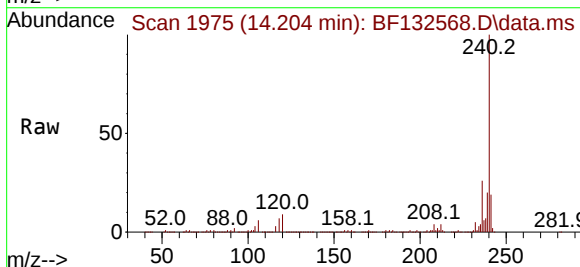
Instrument :
BNA_F
ClientSampleId :
PB151052BL

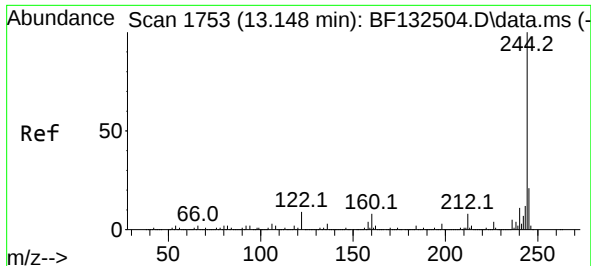
Tgt Ion:248 Resp: 35527
Ion Ratio Lower Upper
248 100
250 204.5 77.0 115.4#
141 522.7 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132568.D
Acq: 28 Feb 2023 12:59

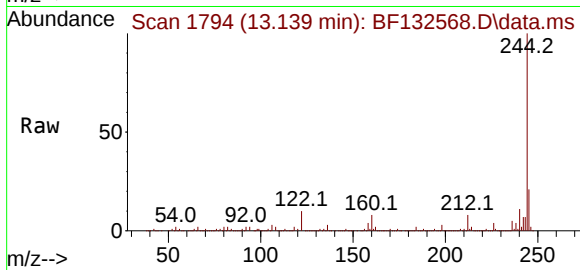
Tgt Ion:240 Resp: 531804
Ion Ratio Lower Upper
240 100
120 8.7 7.2 10.8
236 25.9 21.8 32.6



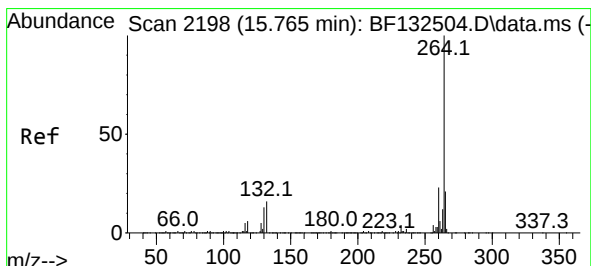
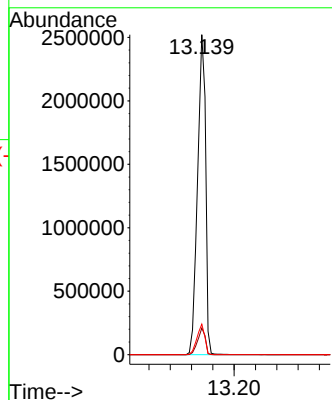
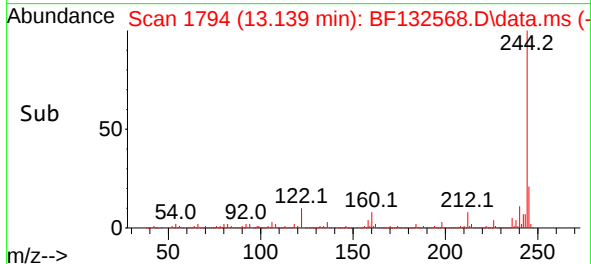


#79
 Terphenyl-d14
 Concen: 84.639 ng
 RT: 13.139 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: BF132568.D
 Acq: 28 Feb 2023 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB151052BL



Tgt Ion:244 Resp: 2662230
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 9.6 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.757 min Scan# 2239
 Delta R.T. 0.003 min
 Lab File: BF132568.D
 Acq: 28 Feb 2023 12:59

Tgt Ion:264 Resp: 432909
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 21.7 17.1 25.7

