

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132739.D
 Acq On : 10 Mar 2023 13:51
 Operator : CG\JU
 Sample : PB151334BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151334BL

Quant Time: Mar 10 17:50:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

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

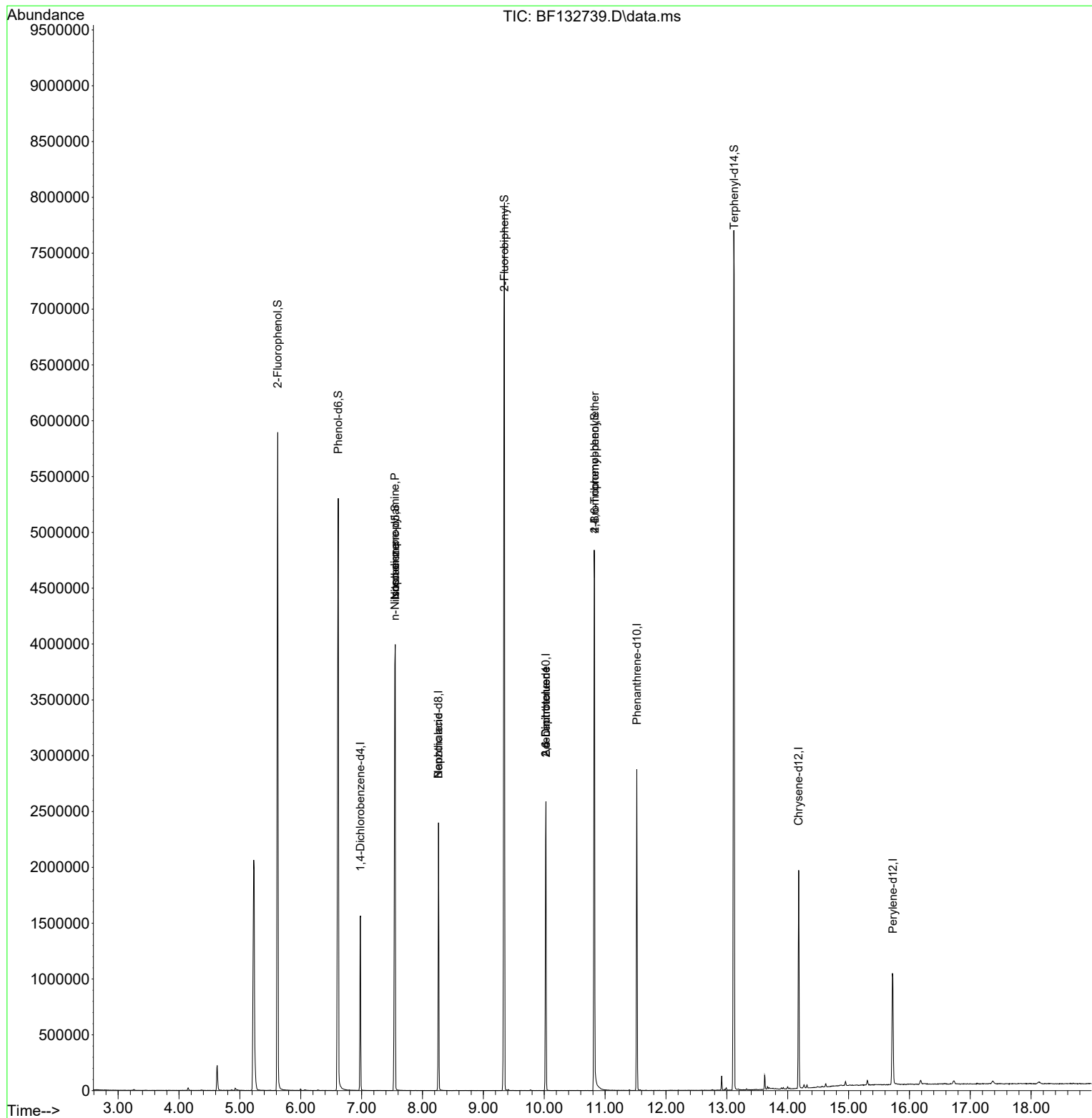
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	251470	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	972881	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	529816	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	1000027	20.000	ng	0.00
76) Chrysene-d12	14.180	240	643951	20.000	ng	0.00
86) Perylene-d12	15.727	264	496743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1876183	121.088	ng	0.01
7) Phenol-d6	6.616	99	2421423	119.744	ng	0.00
23) Nitrobenzene-d5	7.551	82	1623251	79.161	ng	0.00
42) 2,4,6-Tribromophenol	10.828	330	725802	126.849	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	2664453	76.575	ng	0.00
79) Terphenyl-d14	13.121	244	3303634	86.740	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.545	70	218154	17.529	ng	# 74
25) Isophorone	7.551	82	1619478	41.193	ng	# 67
32) Benzoic acid	8.263	122	269	3.857	ng	# 1
51) 2,6-Dinitrotoluene	10.028	165	68379	7.783	ng	# 22
57) 2,4-Dinitrotoluene	10.028	165	68379	5.850	ng	# 21
67) 4-Bromophenyl-phenylether	10.828	248	46041	4.070	ng	# 1

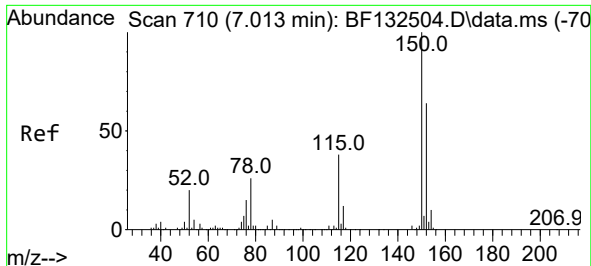
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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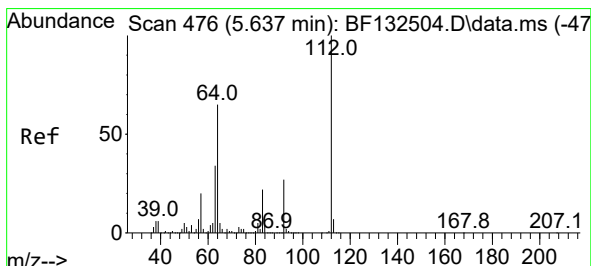
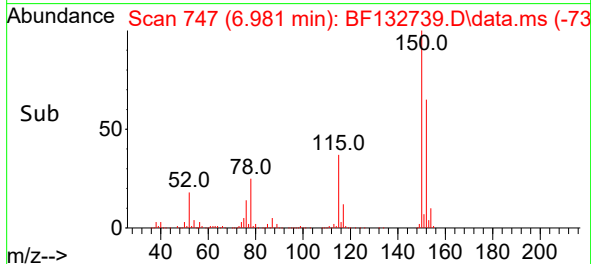
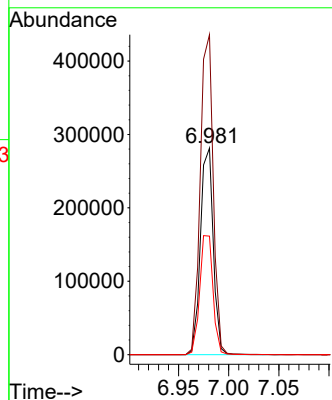
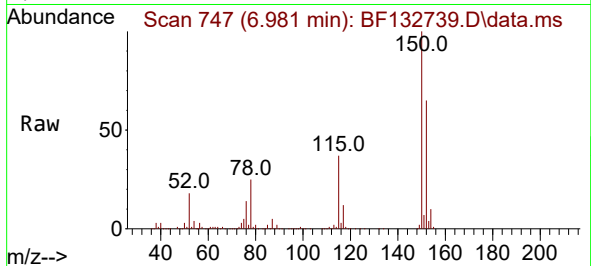




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132739.D
Acq: 10 Mar 2023 13:51

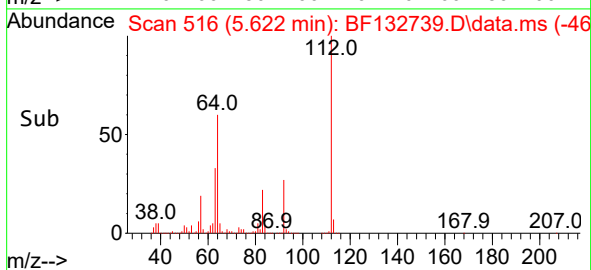
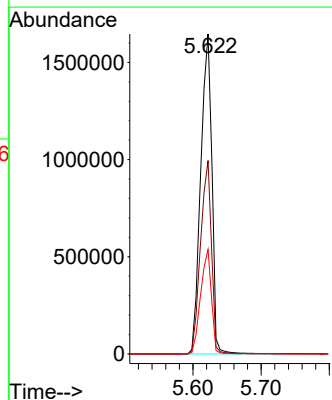
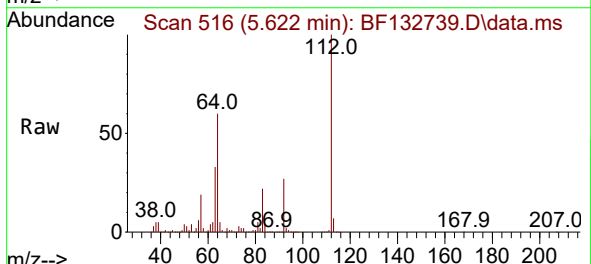
Instrument :
BNA_F
ClientSampleId :
PB151334BL

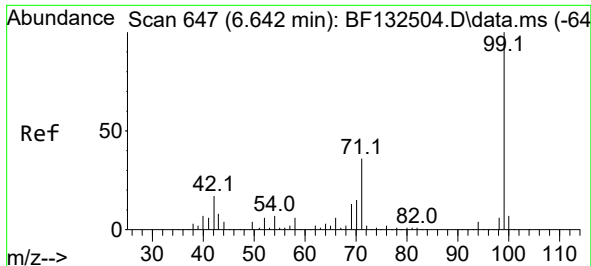
Tgt Ion:152 Resp: 251470
Ion Ratio Lower Upper
152 100
150 154.9 125.4 188.2
115 57.4 47.8 71.6



#5
2-Fluorophenol
Concen: 121.088 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.012 min
Lab File: BF132739.D
Acq: 10 Mar 2023 13:51

Tgt Ion:112 Resp: 1876183
Ion Ratio Lower Upper
112 100
64 60.5 51.6 77.4
63 32.6 27.4 41.2

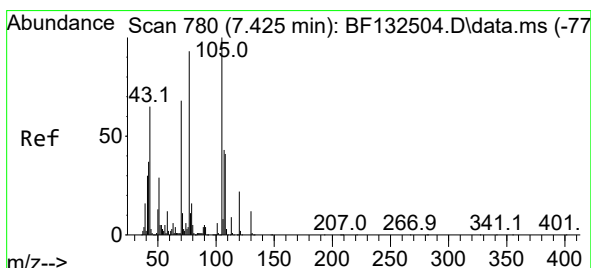
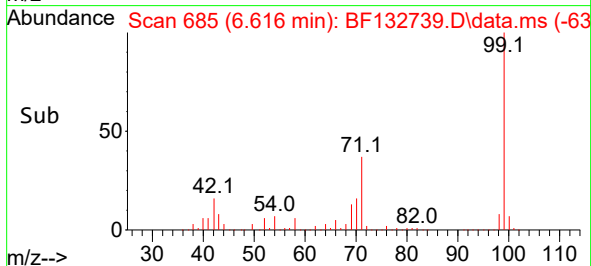
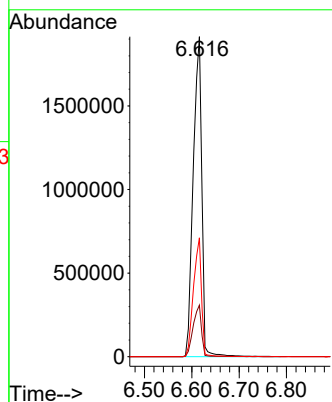
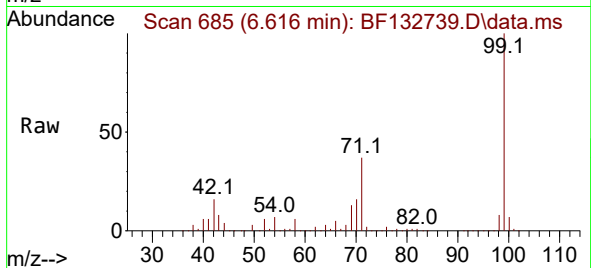




#7
Phenol-d6
Concen: 119.744 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132739.D
Acq: 10 Mar 2023 13:51

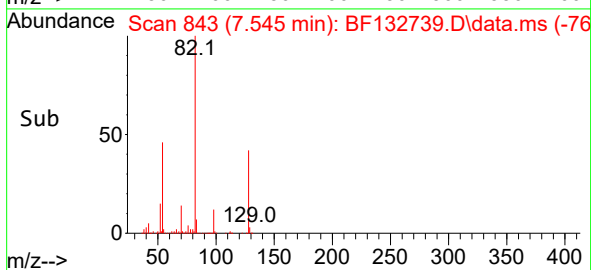
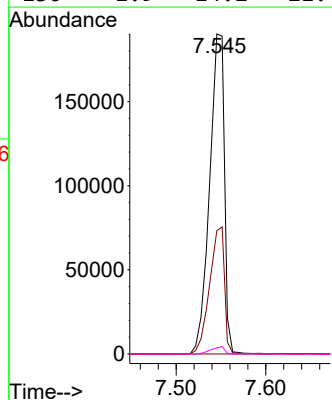
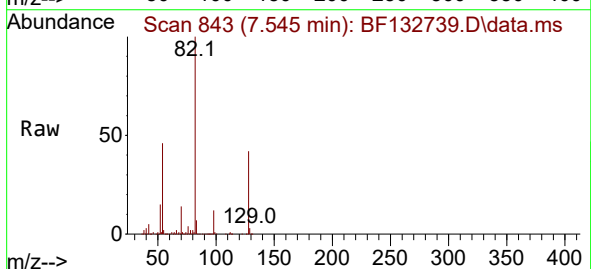
Instrument :
BNA_F
ClientSampleId :
PB151334BL

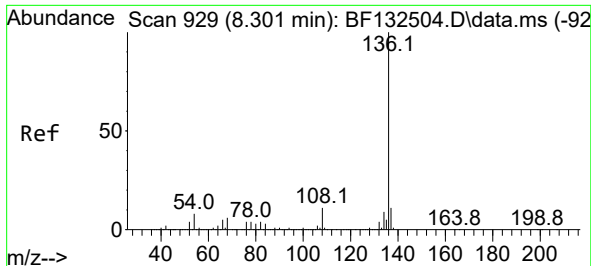
Tgt Ion: 99 Resp: 2421423
Ion Ratio Lower Upper
99 100
42 16.1 13.9 20.9
71 37.2 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.529 ng
RT: 7.545 min Scan# 843
Delta R.T. 0.147 min
Lab File: BF132739.D
Acq: 10 Mar 2023 13:51

Tgt Ion: 70 Resp: 218154
Ion Ratio Lower Upper
70 100
42 38.5 44.1 66.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



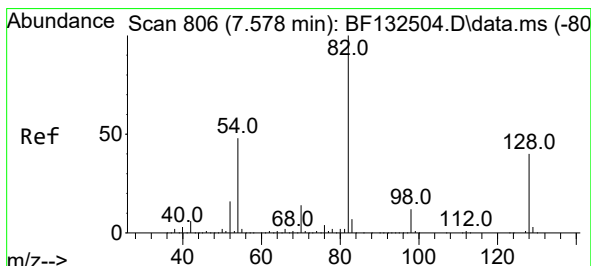
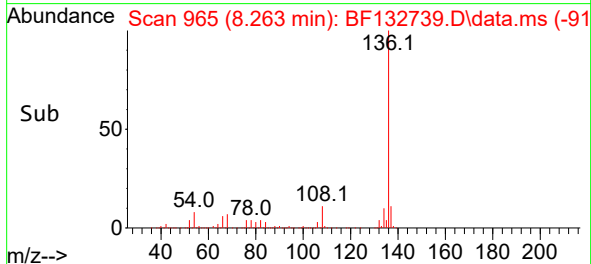
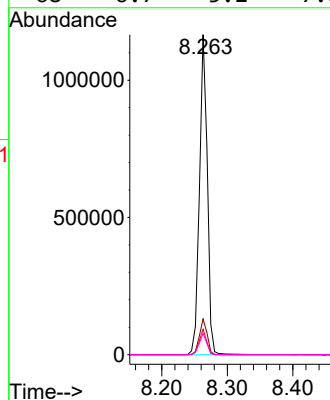
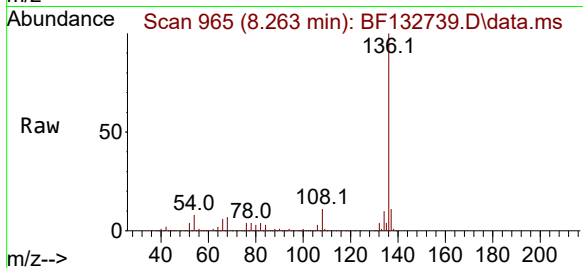


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF132739.D
Acq: 10 Mar 2023 13:51

Instrument :
BNA_F
ClientSampleId :
PB151334BL

Tgt Ion:136 Resp: 972881

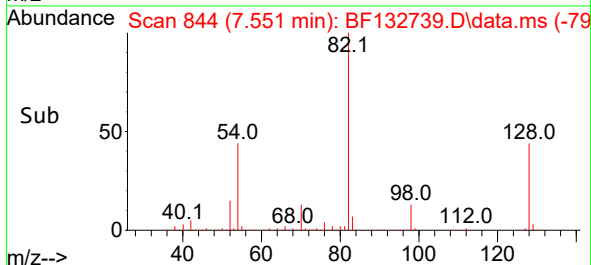
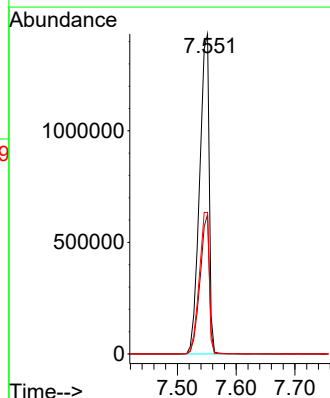
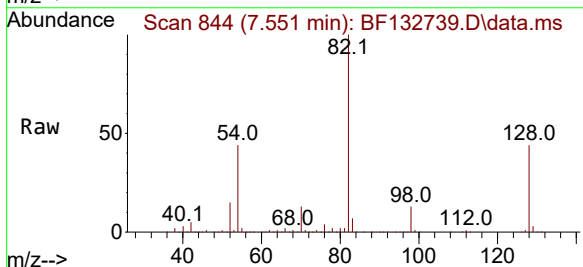
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.9	6.2	9.4
68	6.7	5.2	7.8

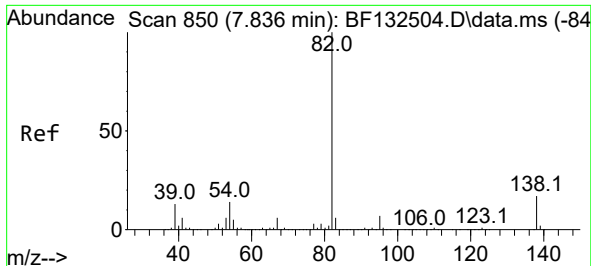


#23
Nitrobenzene-d5
Concen: 79.161 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF132739.D
Acq: 10 Mar 2023 13:51

Tgt Ion: 82 Resp: 1623251

Ion	Ratio	Lower	Upper
82	100		
128	43.6	32.2	48.2
54	44.2	38.4	57.6

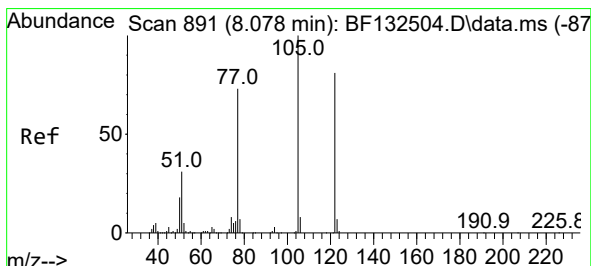
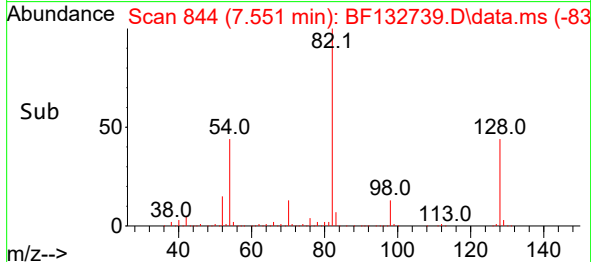
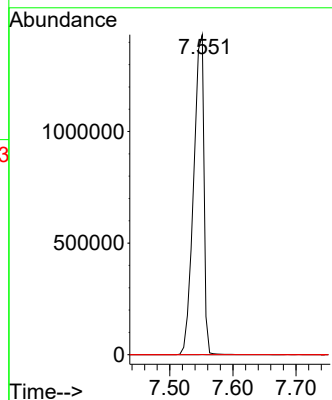
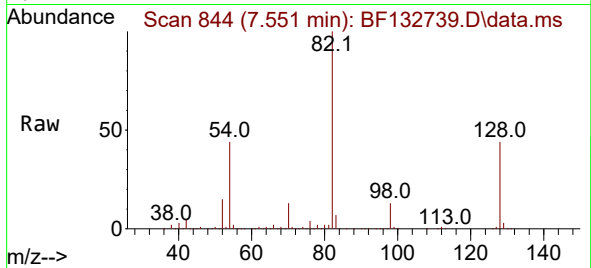




#25
Isophorone
Concen: 41.193 ng
RT: 7.551 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132739.D
Acq: 10 Mar 2023 13:51

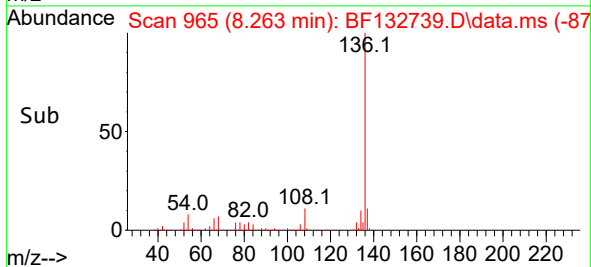
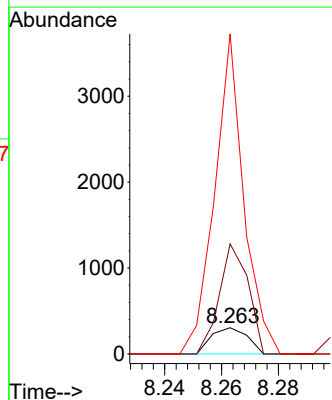
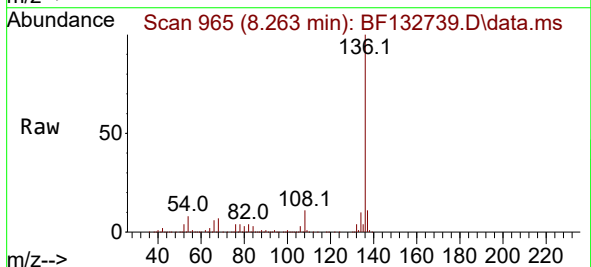
Instrument :
BNA_F
ClientSampleId :
PB151334BL

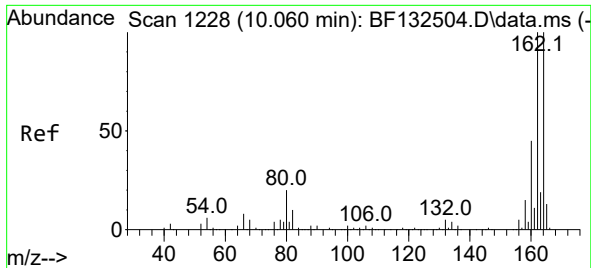
Tgt Ion: 82 Resp: 1619478
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.857 ng
RT: 8.263 min Scan# 965
Delta R.T. 0.212 min
Lab File: BF132739.D
Acq: 10 Mar 2023 13:51

Tgt Ion: 122 Resp: 269
Ion Ratio Lower Upper
122 100
105 418.6 102.6 142.6#
77 1217.3 70.2 110.2#

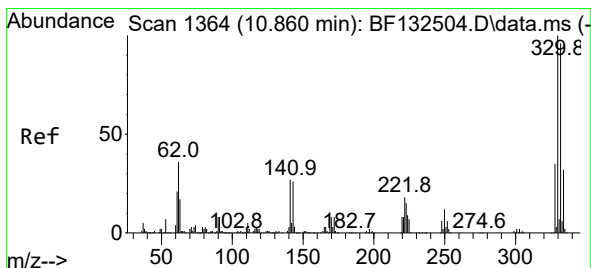
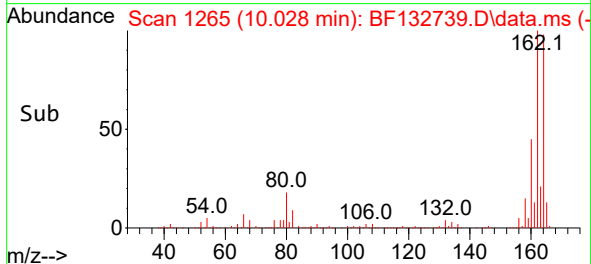
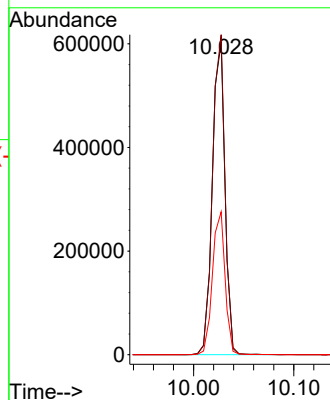
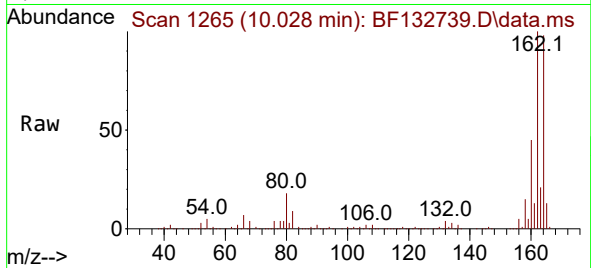




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.028 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF132739.D
Acq: 10 Mar 2023 13:51

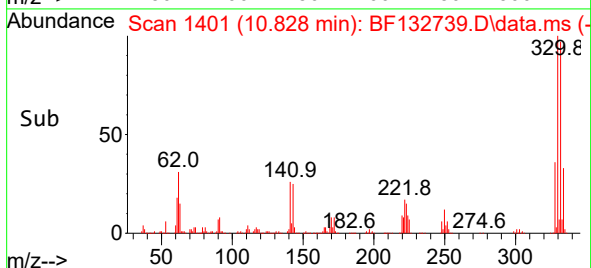
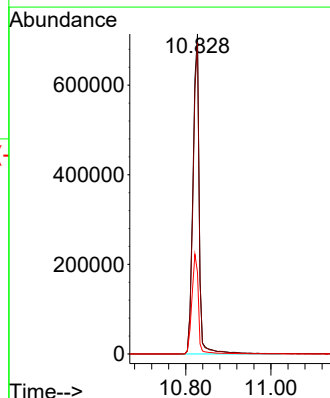
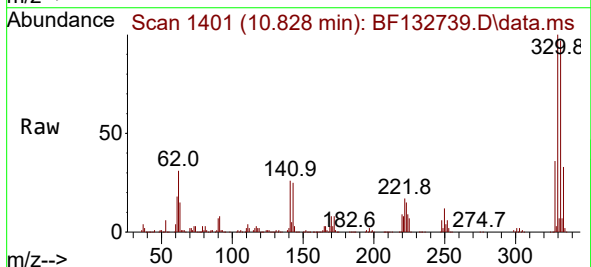
Instrument :
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ClientSampleId :
PB151334BL

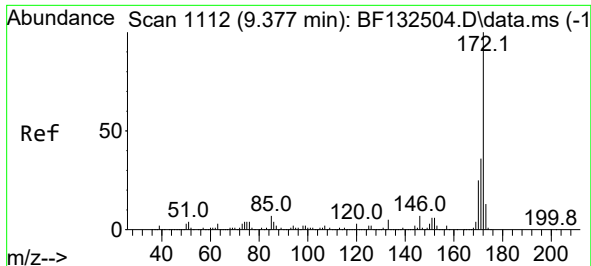
Tgt Ion:164 Resp: 529816
Ion Ratio Lower Upper
164 100
162 102.4 79.8 119.8
160 45.7 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 126.849 ng
RT: 10.828 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF132739.D
Acq: 10 Mar 2023 13:51

Tgt Ion:330 Resp: 725802
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 32.7 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 76.575 ng

RT: 9.345 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF132739.D

Acq: 10 Mar 2023 13:51

Instrument :

BNA_F

ClientSampleId :

PB151334BL

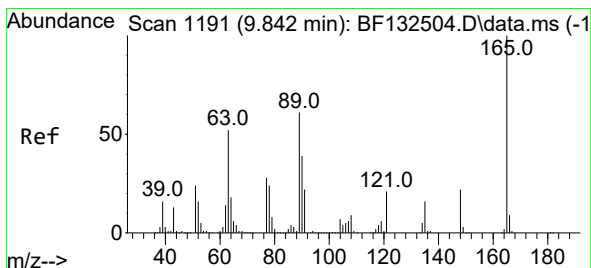
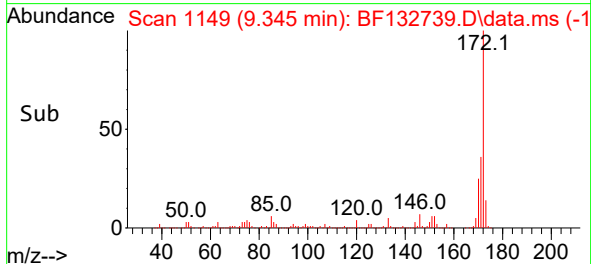
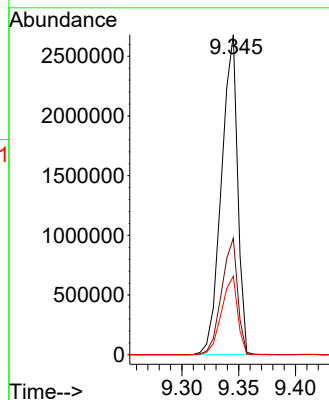
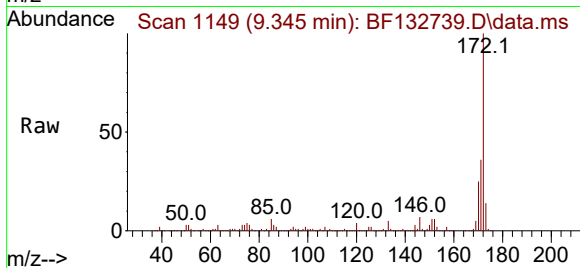
Tgt Ion:172 Resp: 2664453

Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.5 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.783 ng

RT: 10.028 min Scan# 1265

Delta R.T. 0.212 min

Lab File: BF132739.D

Acq: 10 Mar 2023 13:51

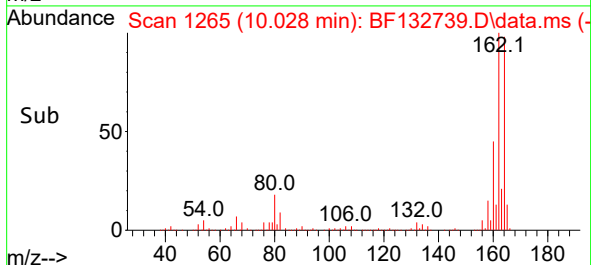
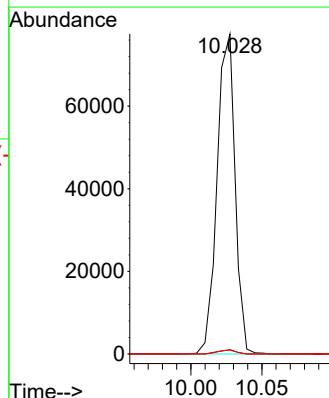
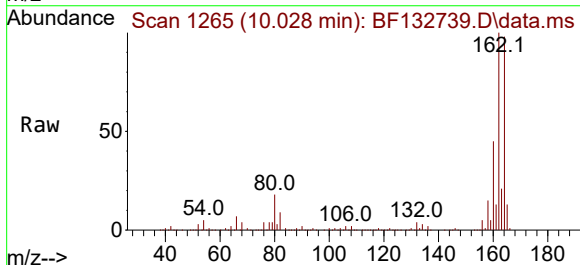
Tgt Ion:165 Resp: 68379

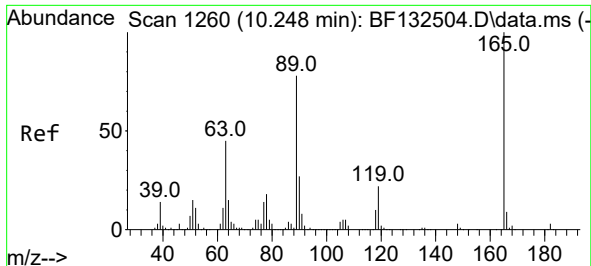
Ion Ratio Lower Upper

165 100

63 1.3 47.3 70.9#

89 1.2 48.9 73.3#

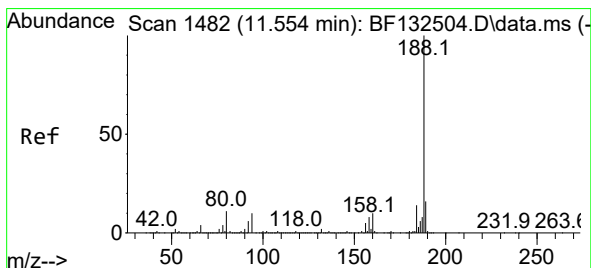
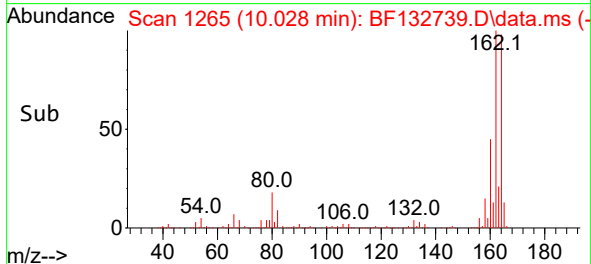
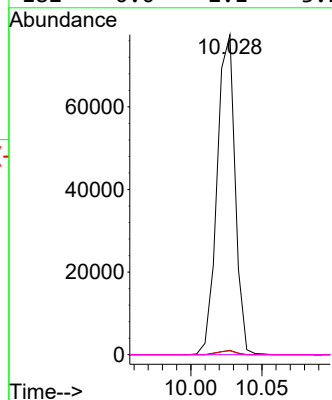
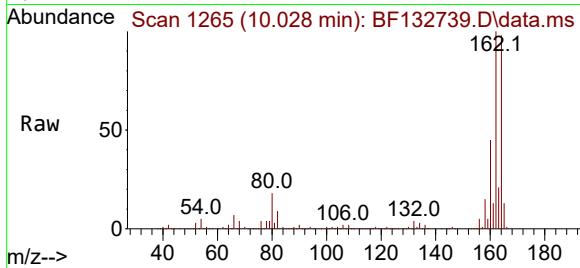




#57
2,4-Dinitrotoluene
Concen: 5.850 ng
RT: 10.028 min Scan# 1519
Delta R.T. -0.194 min
Lab File: BF132739.D
Acq: 10 Mar 2023 13:51

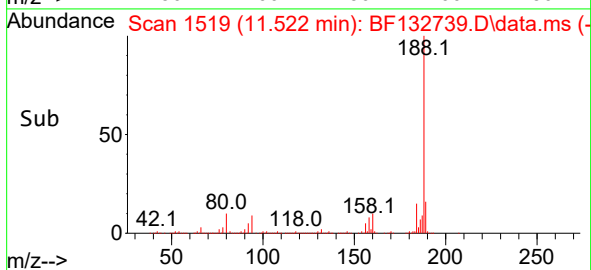
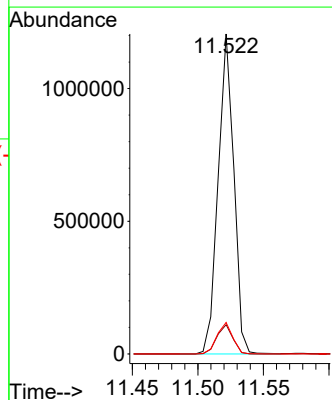
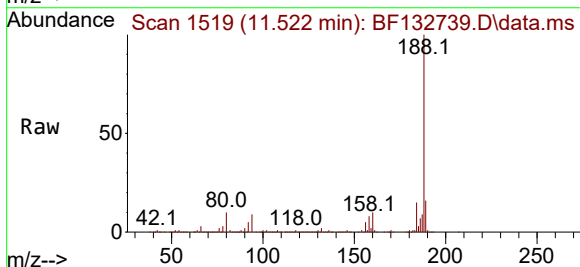
Instrument :
BNA_F
ClientSampleId :
PB151334BL

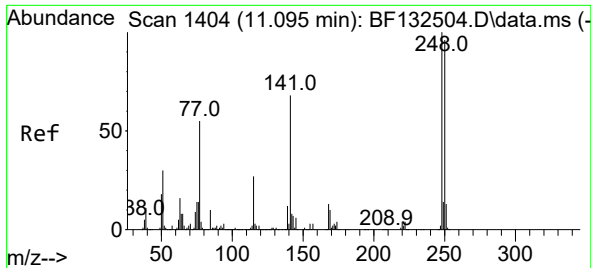
Tgt Ion:165 Resp: 68379
Ion Ratio Lower Upper
165 100
63 1.3 36.5 54.7#
89 1.2 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF132739.D
Acq: 10 Mar 2023 13:51

Tgt Ion:188 Resp: 1000027
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 9.9 8.7 13.1

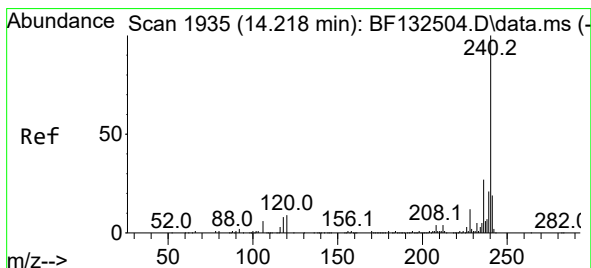
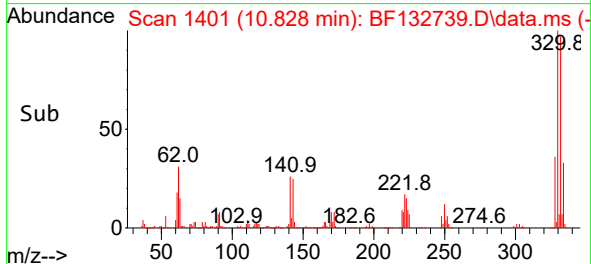
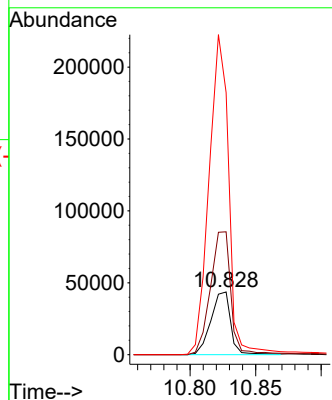
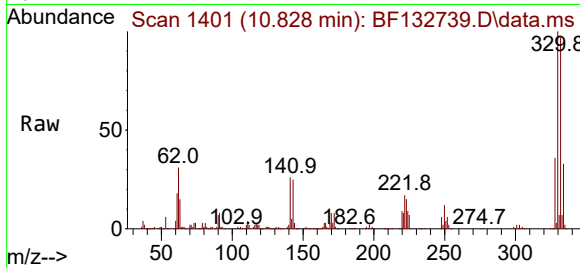




#67
4-Bromophenyl-phenylether
Concen: 4.070 ng
RT: 10.828 min Scan# 1404
Delta R.T. -0.235 min
Lab File: BF132739.D
Acq: 10 Mar 2023 13:51

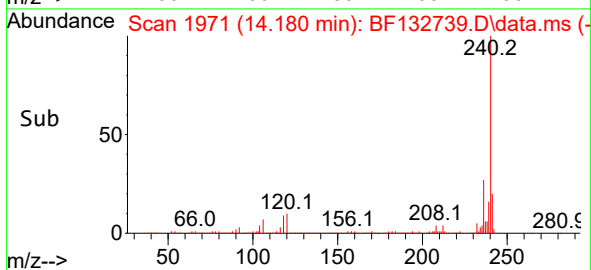
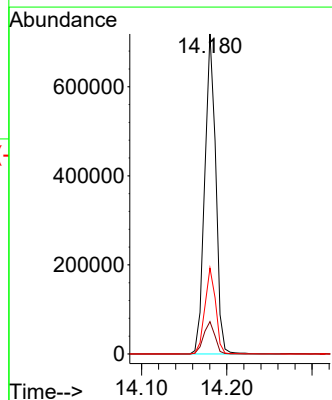
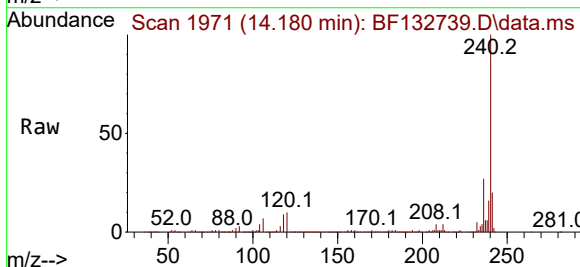
Instrument :
BNA_F
ClientSampleId :
PB151334BL

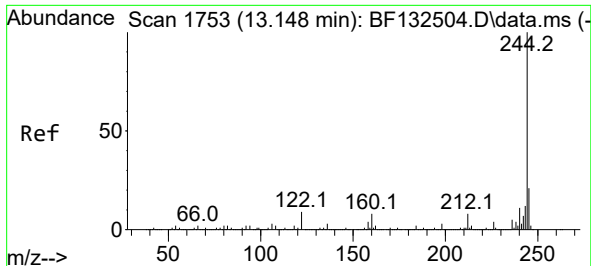
Tgt Ion:248 Resp: 46041
Ion Ratio Lower Upper
248 100
250 195.7 77.0 115.4#
141 417.2 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF132739.D
Acq: 10 Mar 2023 13:51

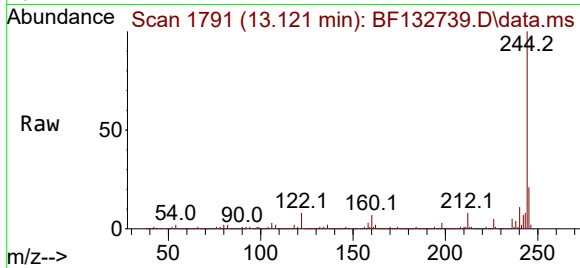
Tgt Ion:240 Resp: 643951
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 26.8 21.8 32.6



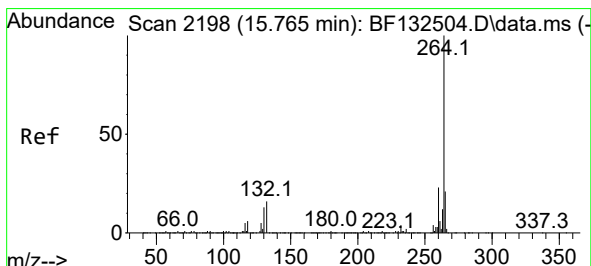
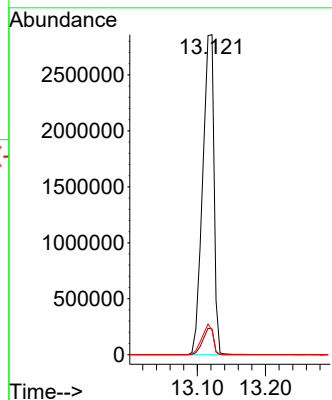
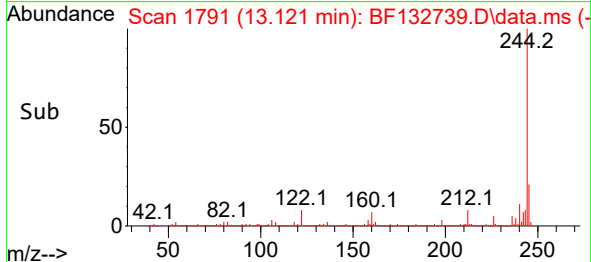


#79
 Terphenyl-d14
 Concen: 86.740 ng
 RT: 13.121 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF132739.D
 Acq: 10 Mar 2023 13:51

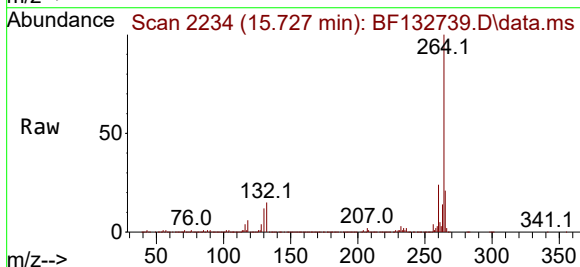
Instrument :
 BNA_F
 ClientSampleId :
 PB151334BL



Tgt Ion:244 Resp: 3303634
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 7.8 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.727 min Scan# 2234
 Delta R.T. 0.000 min
 Lab File: BF132739.D
 Acq: 10 Mar 2023 13:51



Tgt Ion:264 Resp: 496743
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.5 17.1 25.7

