

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132641.D
 Acq On : 06 Mar 2023 10:13
 Operator : CG\JU
 Sample : PB151188BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151188BL

Quant Time: Mar 07 00:50:36 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)

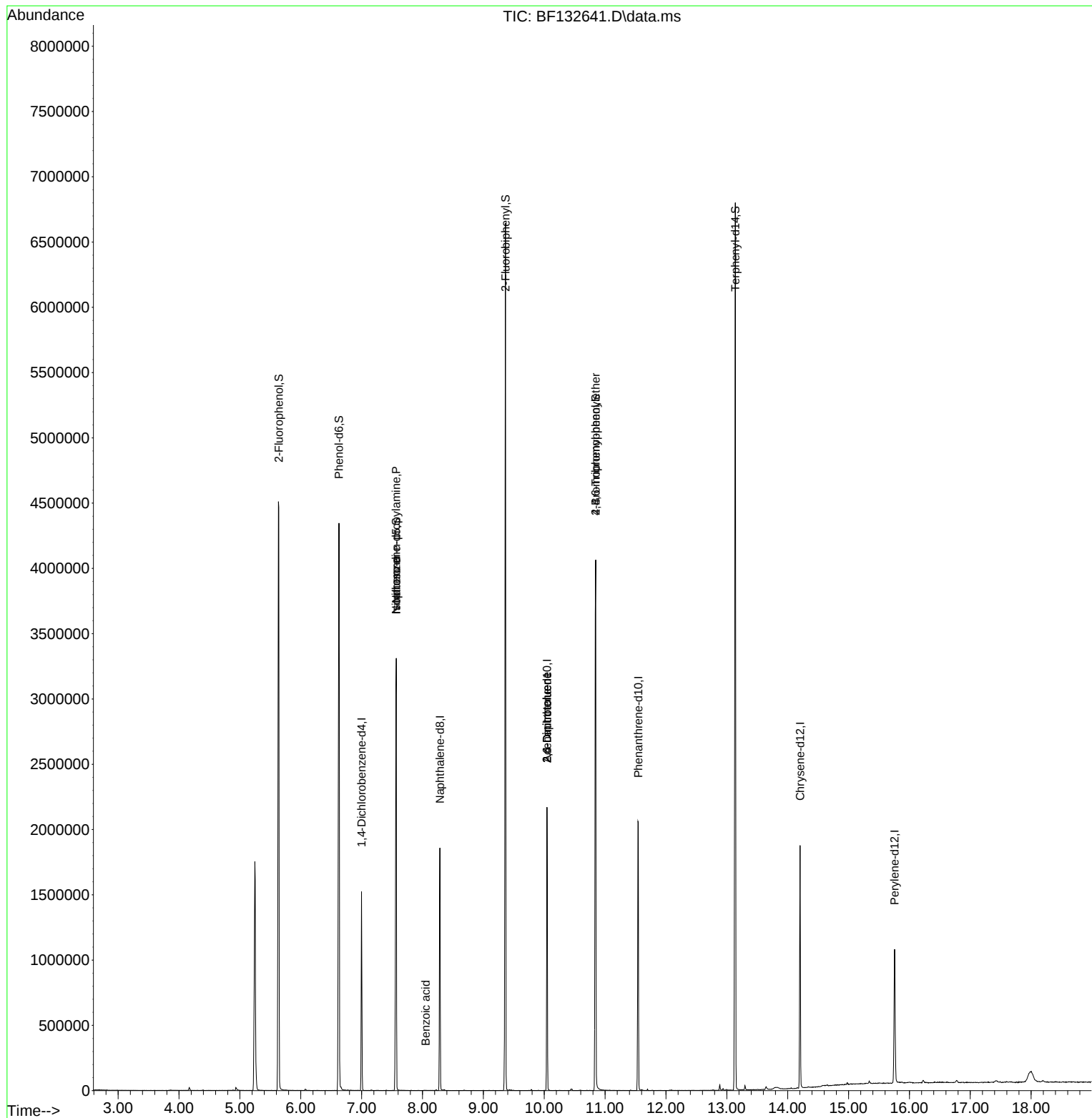
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	208665	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	772686	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	425156	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	835380	20.000	ng	0.00
76) Chrysene-d12	14.204	240	600964	20.000	ng	0.00
86) Perylene-d12	15.757	264	498196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	1469773	114.317	ng	0.00
7) Phenol-d6	6.628	99	1924421	114.689	ng	0.00
23) Nitrobenzene-d5	7.569	82	1247949	76.626	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	541426	117.919	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	2004690	71.796	ng	0.00
79) Terphenyl-d14	13.139	244	2606389	73.328	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.569	70	164527	15.932	ng	# 74
25) Isophorone	7.569	82	1247930	39.967	ng	# 67
32) Benzoic acid	8.051	122	613	3.895	ng	# 80
51) 2,6-Dinitrotoluene	10.045	165	54788	7.771	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	54788	5.841	ng	# 21
67) 4-Bromophenyl-phenylether	10.845	248	34733	3.676	ng	# 1

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

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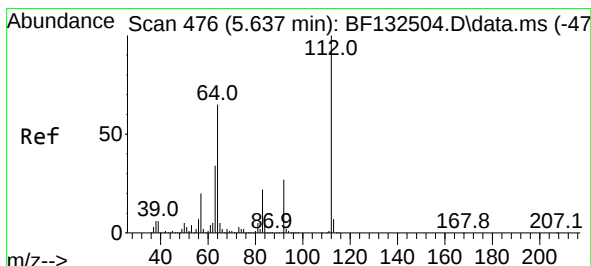
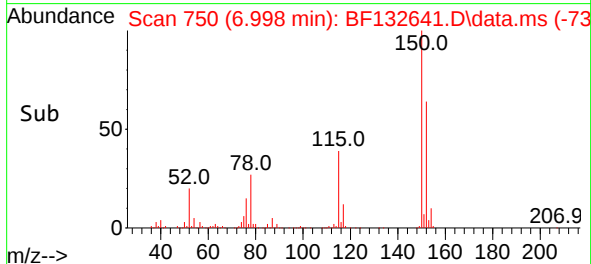
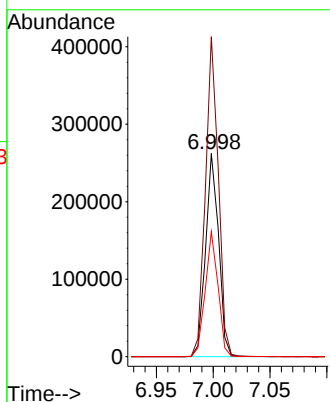
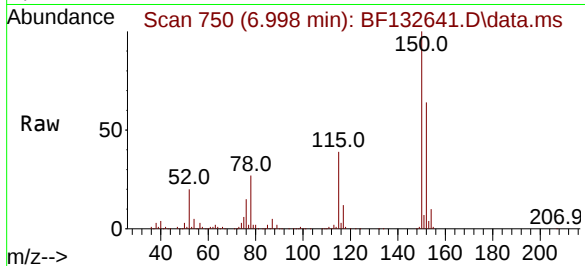




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132641.D
Acq: 06 Mar 2023 10:13

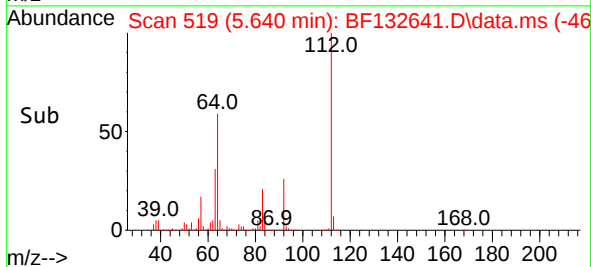
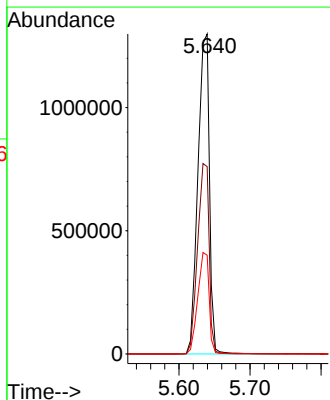
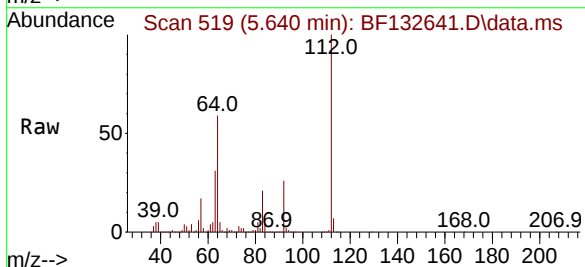
Instrument :
BNA_F
ClientSampleId :
PB151188BL

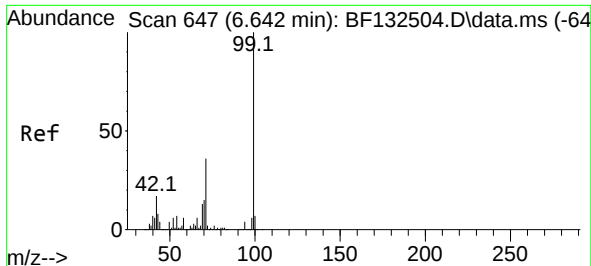
Tgt Ion:152 Resp: 208665
Ion Ratio Lower Upper
152 100
150 157.4 125.4 188.2
115 61.5 47.8 71.6



#5
2-Fluorophenol
Concen: 114.317 ng
RT: 5.640 min Scan# 519
Delta R.T. 0.009 min
Lab File: BF132641.D
Acq: 06 Mar 2023 10:13

Tgt Ion:112 Resp: 1469773
Ion Ratio Lower Upper
112 100
64 58.6 51.6 77.4
63 30.9 27.4 41.2

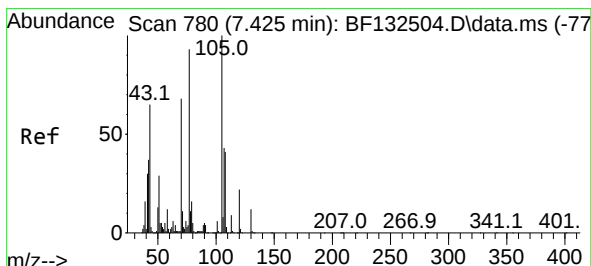
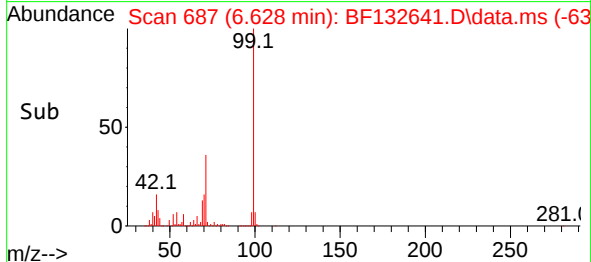
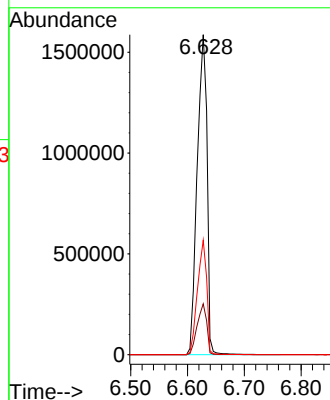
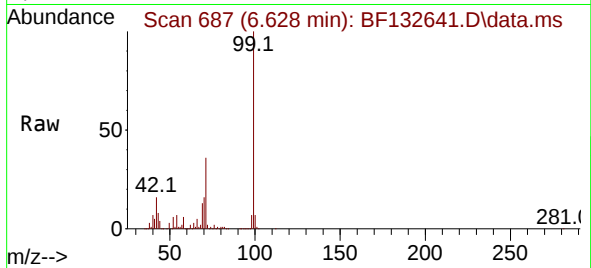




#7
Phenol-d6
Concen: 114.689 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132641.D
Acq: 06 Mar 2023 10:13

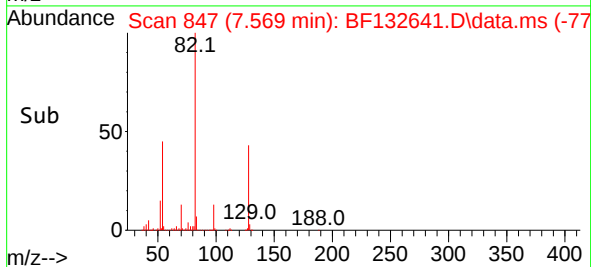
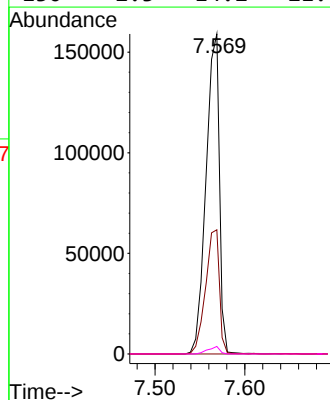
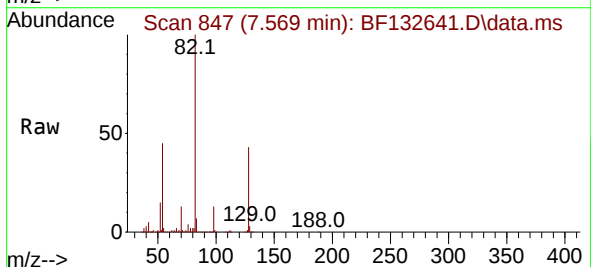
Instrument :
BNA_F
ClientSampleId :
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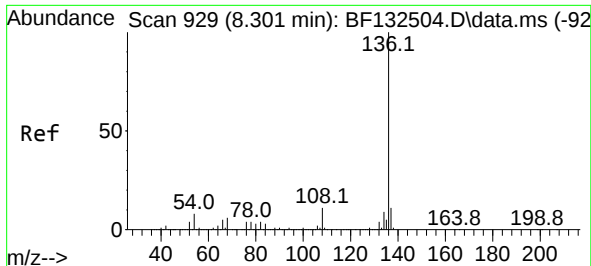
Tgt Ion: 99 Resp: 1924421
Ion Ratio Lower Upper
99 100
42 15.9 13.9 20.9
71 35.8 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.932 ng
RT: 7.569 min Scan# 847
Delta R.T. 0.150 min
Lab File: BF132641.D
Acq: 06 Mar 2023 10:13

Tgt Ion: 70 Resp: 164527
Ion Ratio Lower Upper
70 100
42 38.8 44.1 66.1#
101 0.0 7.4 11.2#
130 2.3 14.2 21.4#

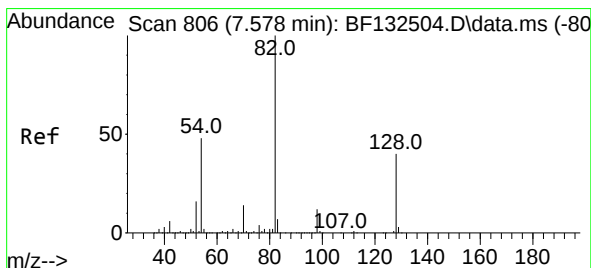
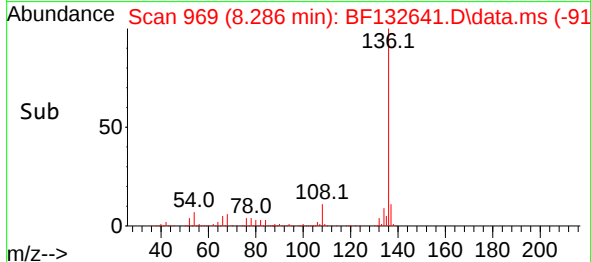
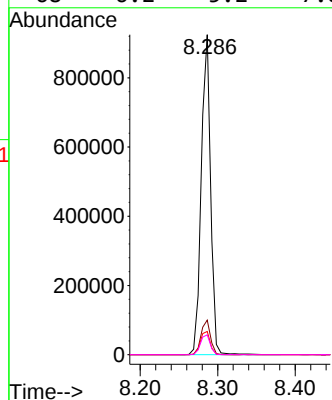
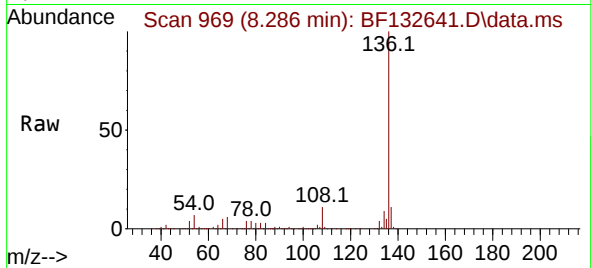




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132641.D
Acq: 06 Mar 2023 10:13

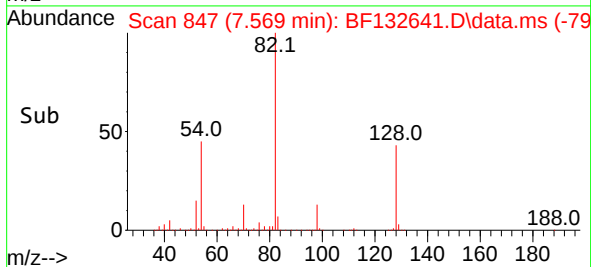
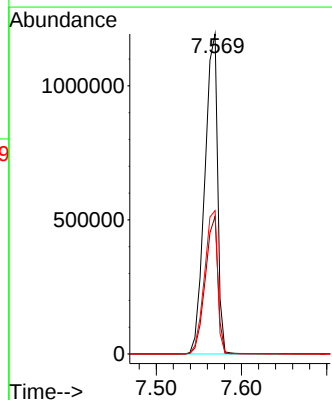
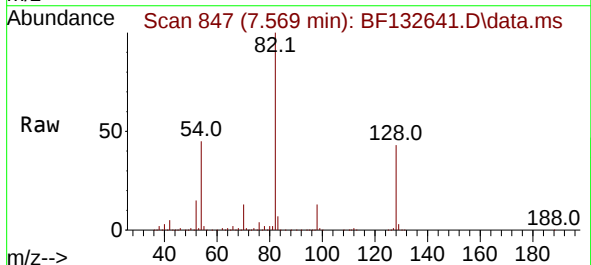
Instrument :
BNA_F
ClientSampleId :
PB151188BL

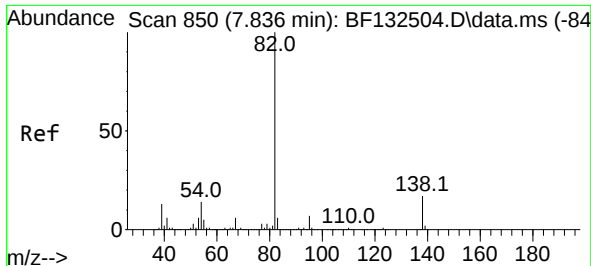
Tgt Ion:136 Resp: 772686
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.3 6.2 9.4
68 6.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 76.626 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.003 min
Lab File: BF132641.D
Acq: 06 Mar 2023 10:13

Tgt Ion: 82 Resp: 1247949
Ion Ratio Lower Upper
82 100
128 43.0 32.2 48.2
54 44.8 38.4 57.6

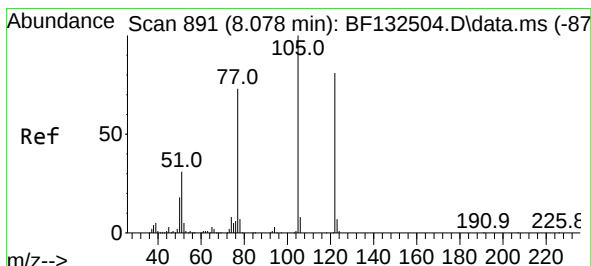
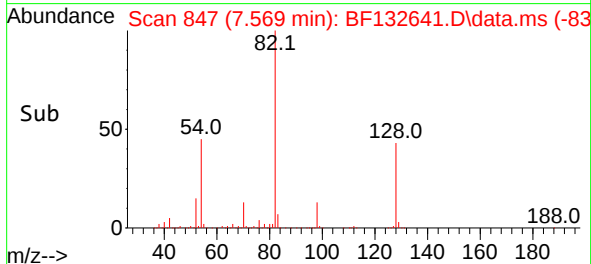
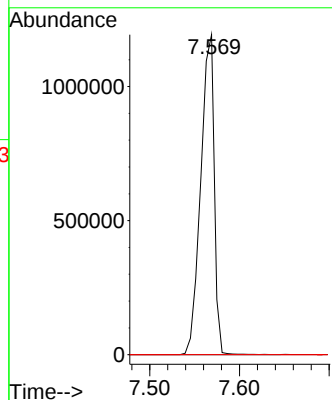
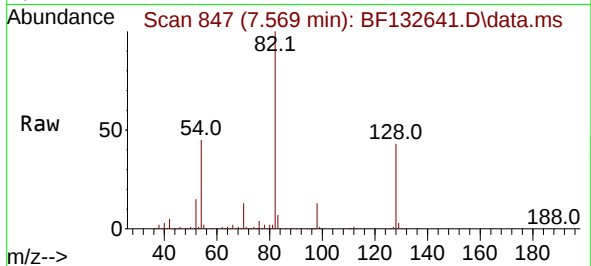




#25
Isophorone
Concen: 39.967 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.256 min
Lab File: BF132641.D
Acq: 06 Mar 2023 10:13

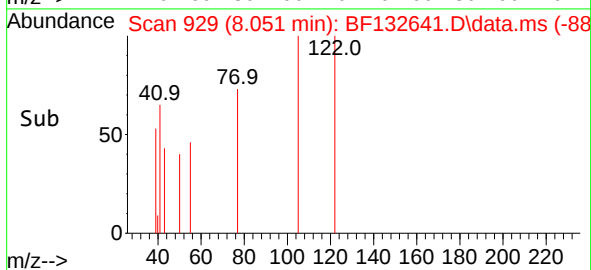
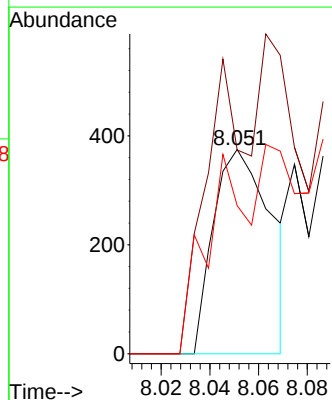
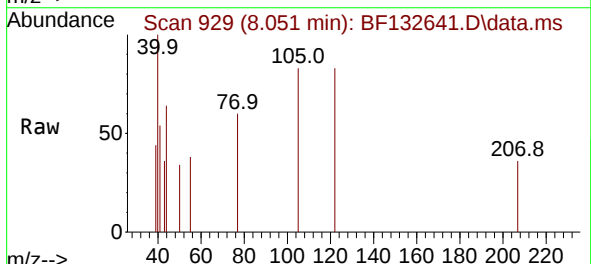
Instrument :
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ClientSampleId :
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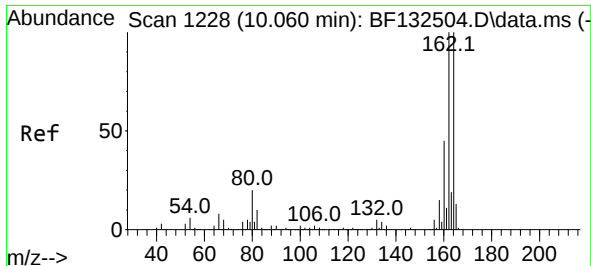
Tgt Ion: 82 Resp: 1247930
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.895 ng
RT: 8.051 min Scan# 929
Delta R.T. -0.015 min
Lab File: BF132641.D
Acq: 06 Mar 2023 10:13

Tgt Ion: 122 Resp: 613
Ion Ratio Lower Upper
122 100
105 99.7 102.6 142.6#
77 72.5 70.2 110.2

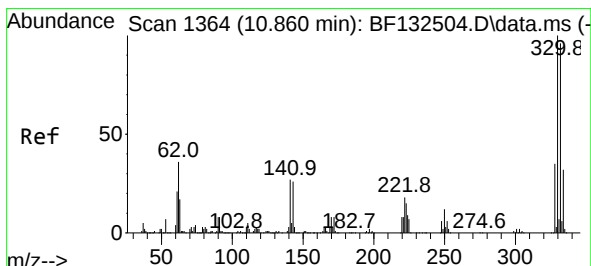
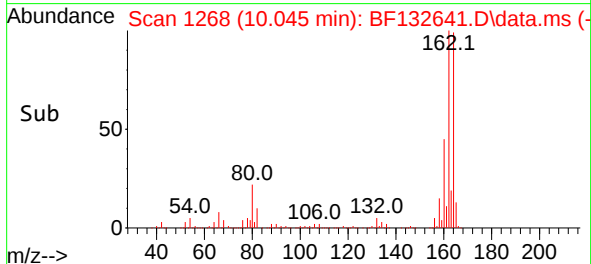
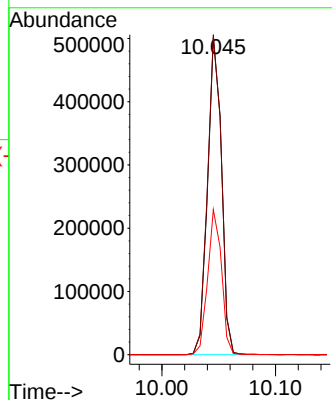
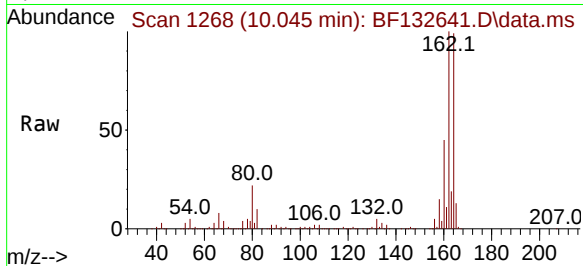




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132641.D
Acq: 06 Mar 2023 10:13

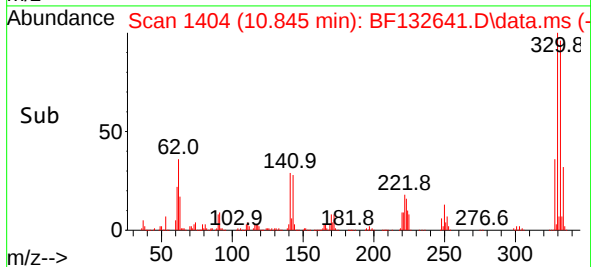
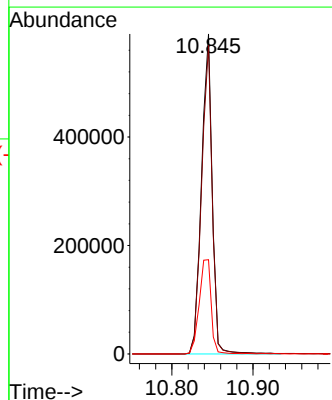
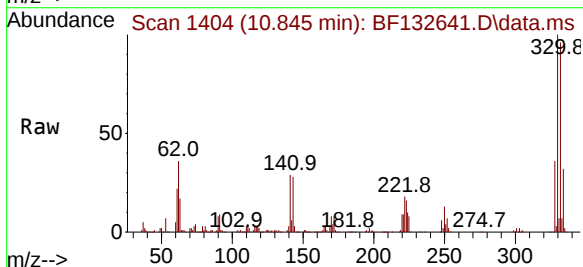
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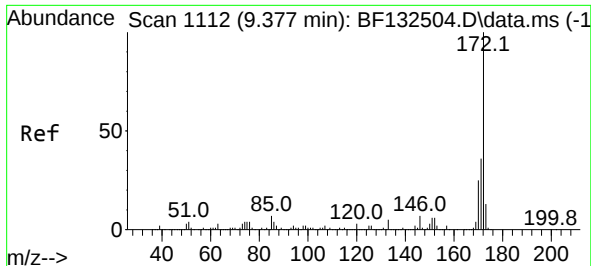
Tgt Ion:164 Resp: 425156
Ion Ratio Lower Upper
164 100
162 100.9 79.8 119.8
160 45.7 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 117.919 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132641.D
Acq: 06 Mar 2023 10:13

Tgt Ion:330 Resp: 541426
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 33.0 28.4 42.6

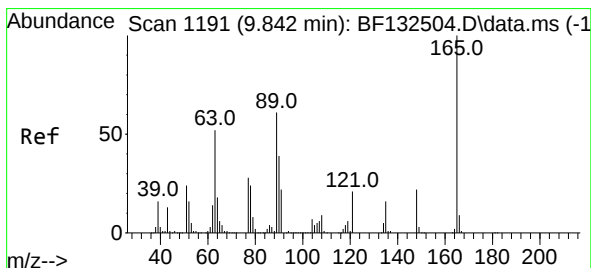
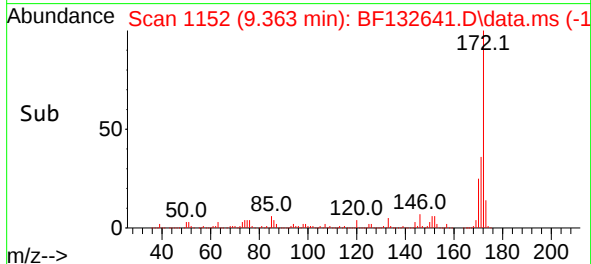
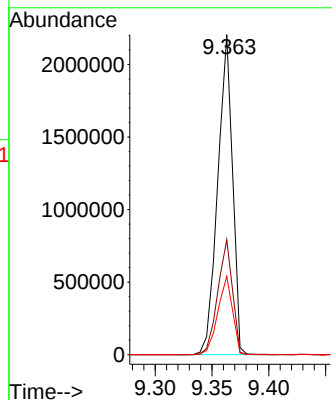
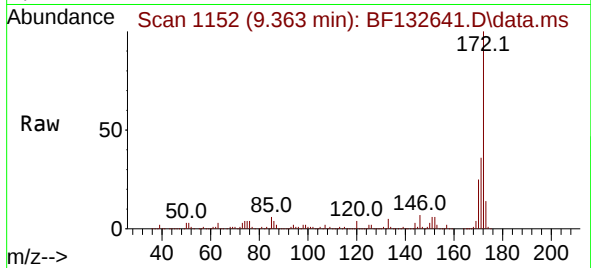




#45
2-Fluorobiphenyl
Concen: 71.796 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132641.D
Acq: 06 Mar 2023 10:13

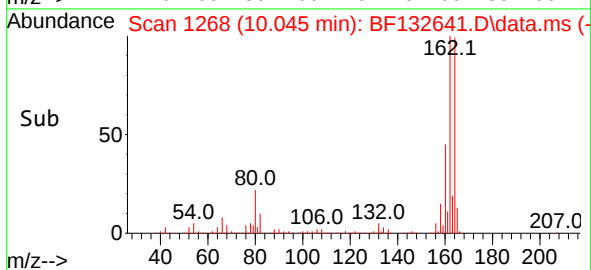
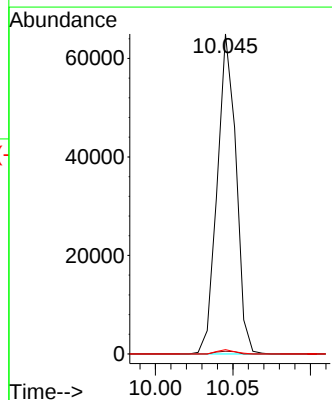
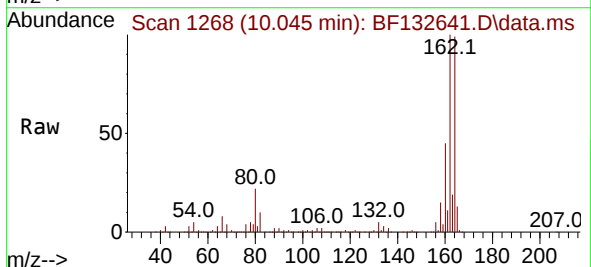
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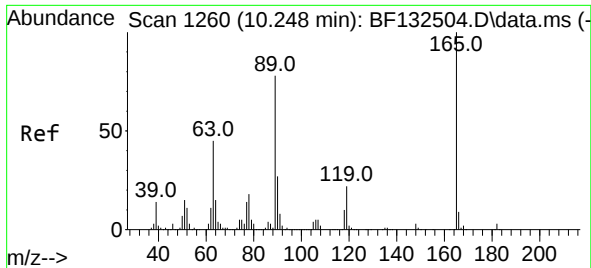
Tgt Ion:172 Resp: 2004690
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.5 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.771 ng
RT: 10.045 min Scan# 1268
Delta R.T. 0.209 min
Lab File: BF132641.D
Acq: 06 Mar 2023 10:13

Tgt Ion:165 Resp: 54788
Ion Ratio Lower Upper
165 100
63 0.8 47.3 70.9#
89 1.4 48.9 73.3#

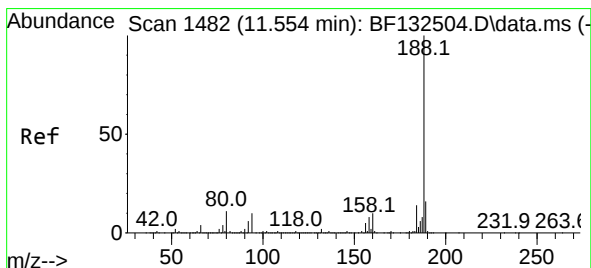
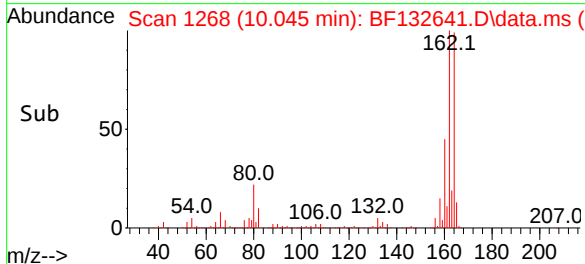
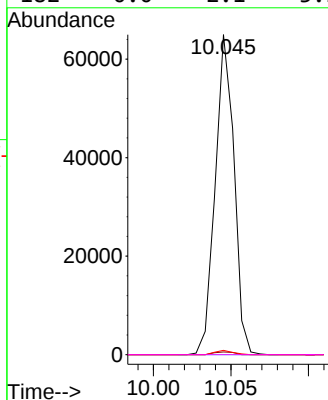
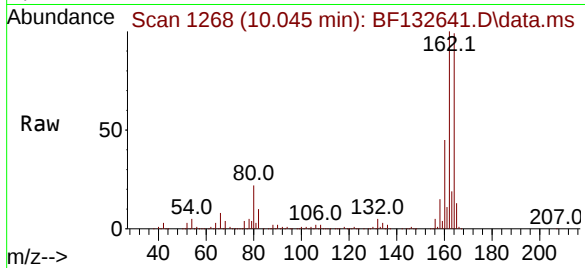




#57
2,4-Dinitrotoluene
Concen: 5.841 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.197 min
Lab File: BF132641.D
Acq: 06 Mar 2023 10:13

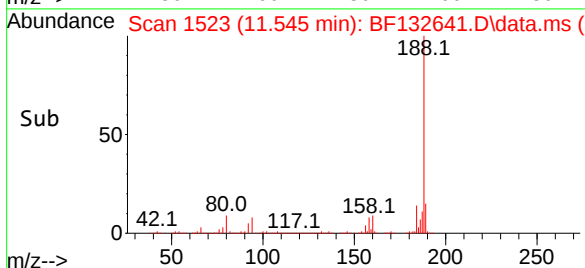
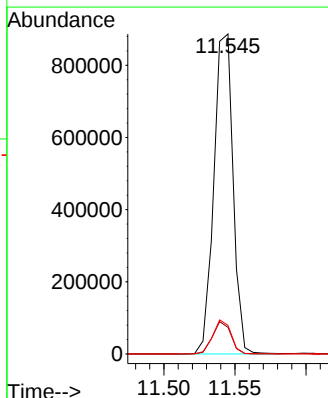
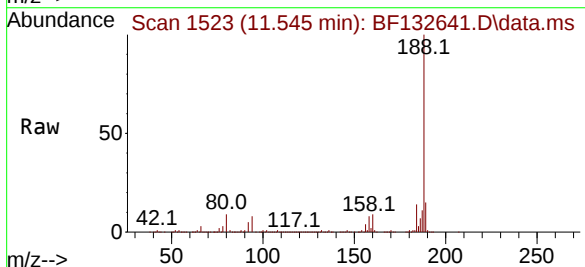
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ClientSampleId :
PB151188BL

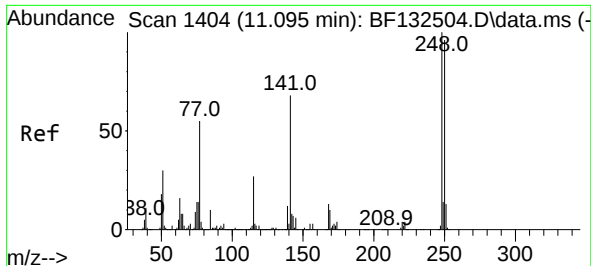
Tgt Ion:165 Resp: 54788
Ion Ratio Lower Upper
165 100
63 0.8 36.5 54.7#
89 1.4 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132641.D
Acq: 06 Mar 2023 10:13

Tgt Ion:188 Resp: 835380
Ion Ratio Lower Upper
188 100
94 8.4 8.3 12.5
80 9.0 8.7 13.1

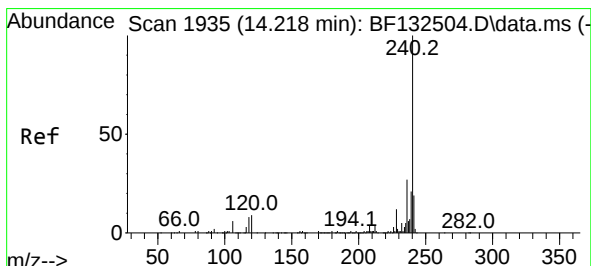
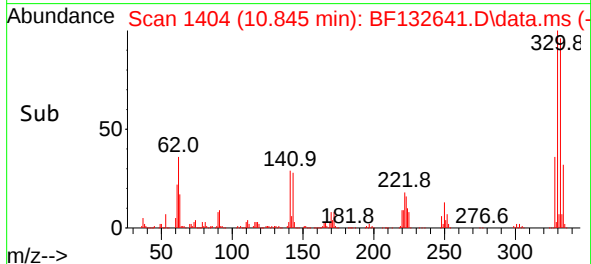
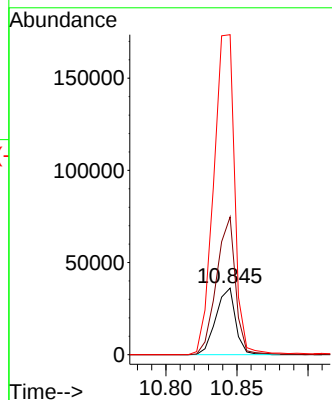
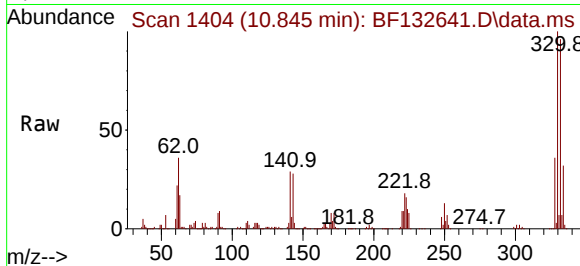




#67
4-Bromophenyl-phenylether
Concen: 3.676 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.244 min
Lab File: BF132641.D
Acq: 06 Mar 2023 10:13

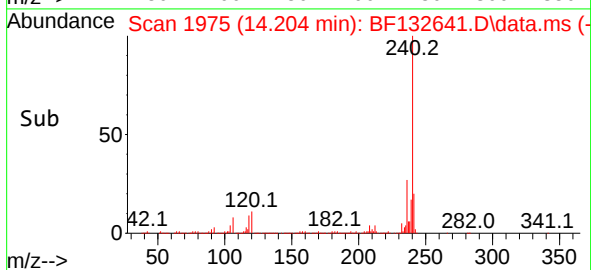
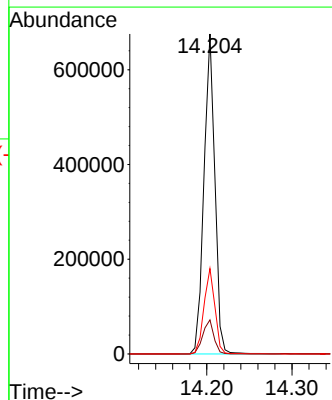
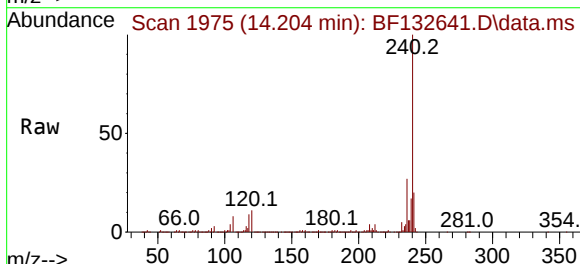
Instrument :
BNA_F
ClientSampleId :
PB151188BL

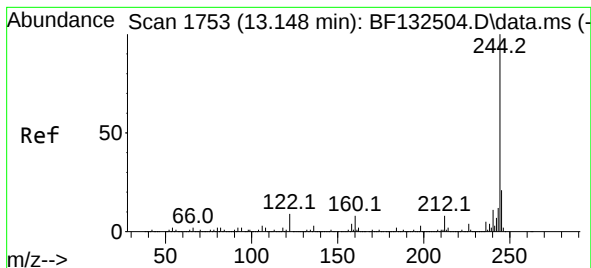
Tgt Ion:248 Resp: 34733
Ion Ratio Lower Upper
248 100
250 206.8 77.0 115.4#
141 480.2 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132641.D
Acq: 06 Mar 2023 10:13

Tgt Ion:240 Resp: 600964
Ion Ratio Lower Upper
240 100
120 10.6 7.2 10.8
236 26.7 21.8 32.6





#79

Terphenyl-d14

Concen: 73.328 ng

RT: 13.139 min Scan# 11

Delta R.T. -0.003 min

Lab File: BF132641.D

Acq: 06 Mar 2023 10:13

Instrument :

BNA_F

ClientSampleId :

PB151188BL

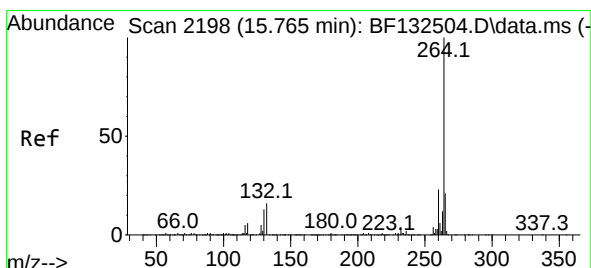
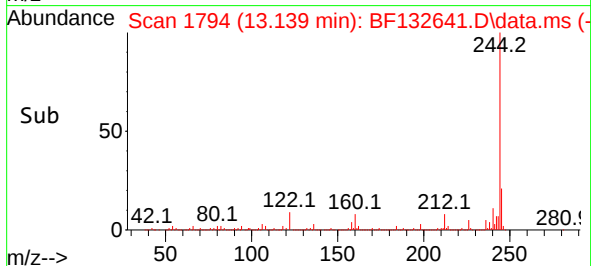
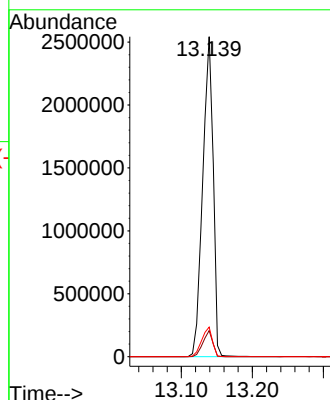
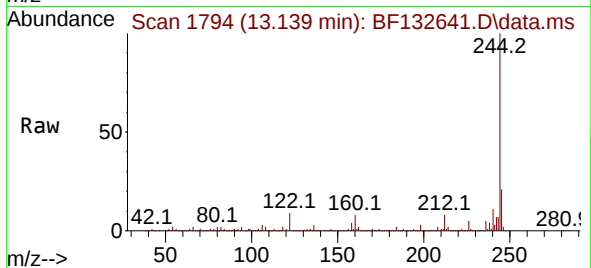
Tgt Ion:244 Resp: 2606389

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 9.2 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: BF132641.D

Acq: 06 Mar 2023 10:13

Tgt Ion:264 Resp: 498196

Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 21.5 17.1 25.7

