

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
 Data File : BF132624.D
 Acq On : 03 Mar 2023 12:39
 Operator : CG\JU
 Sample : PB151155BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151155BL

Quant Time: Mar 04 02:15:11 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)

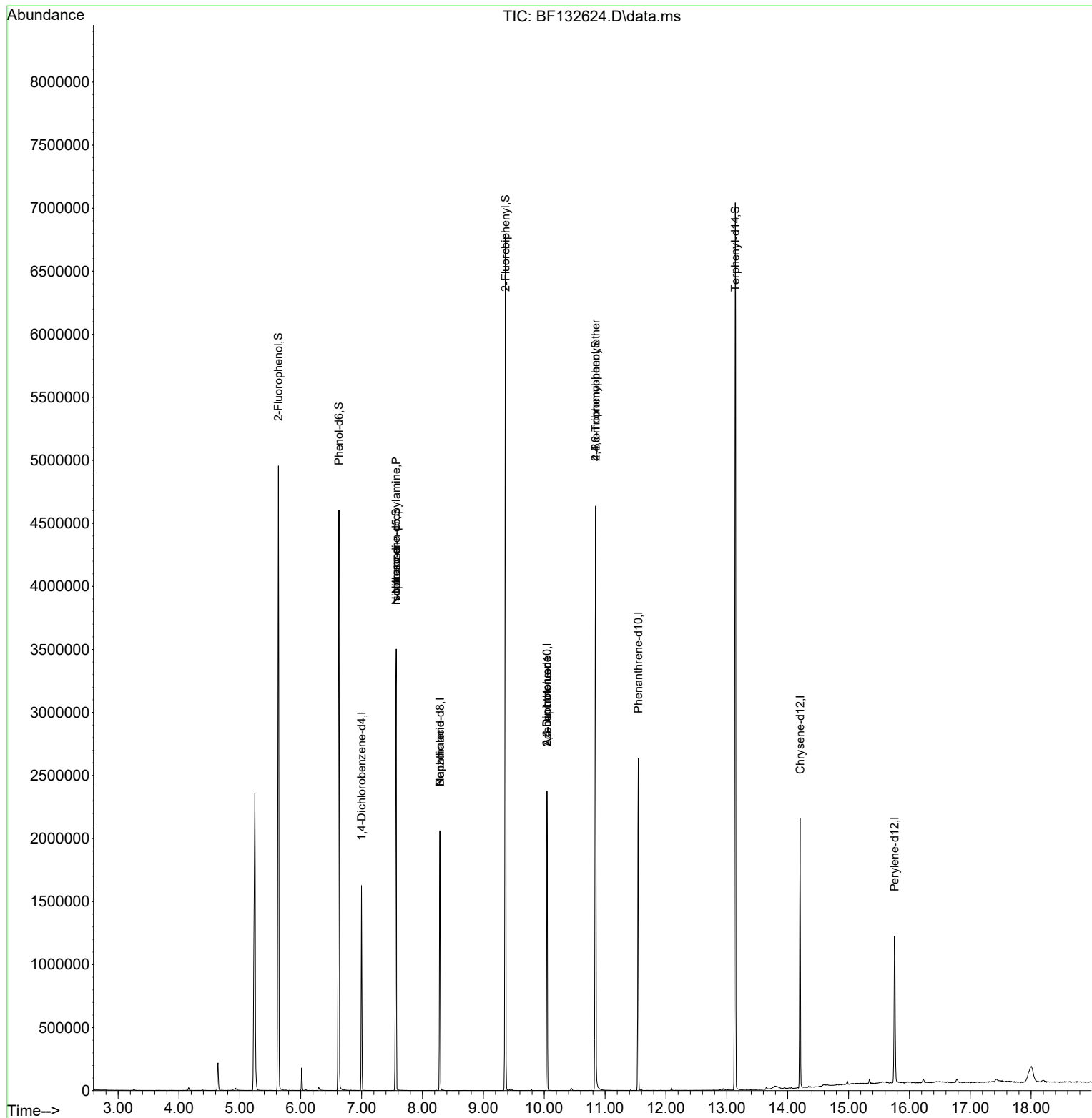
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	224770	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	837901	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	467233	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	944586	20.000	ng	0.00
76) Chrysene-d12	14.204	240	700554	20.000	ng	0.00
86) Perylene-d12	15.757	264	552759	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1524771	110.097	ng	0.00
7) Phenol-d6	6.628	99	1973106	109.165	ng	0.00
23) Nitrobenzene-d5	7.569	82	1308542	74.093	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	609899	120.870	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	2143788	69.864	ng	0.00
79) Terphenyl-d14	13.139	244	2968552	71.644	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.569	70	174002	15.642	ng	# 74
25) Isophorone	7.569	82	1307422	38.613	ng	# 67
32) Benzoic acid	8.286	122	59	3.841	ng	# 1
51) 2,6-Dinitrotoluene	10.045	165	61880	7.987	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	61880	6.003	ng	# 21
67) 4-Bromophenyl-phenylether	10.845	248	39031	3.653	ng	# 1

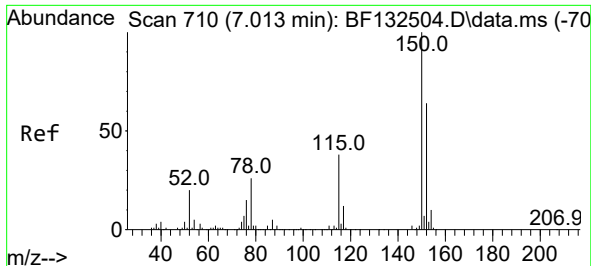
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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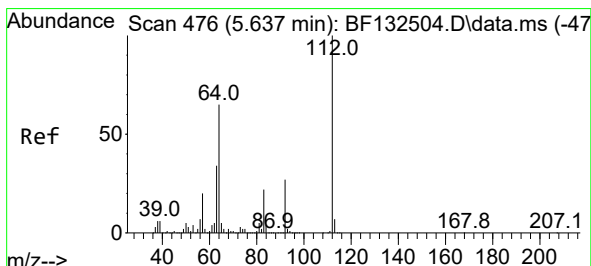
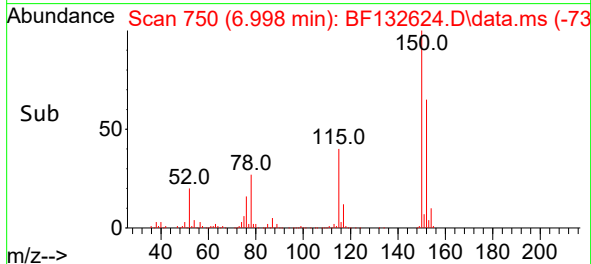
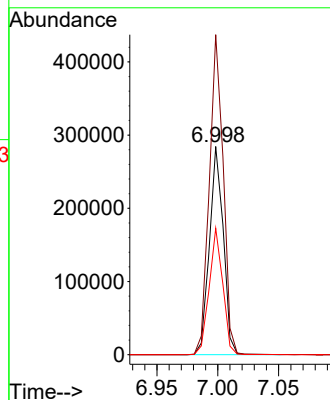
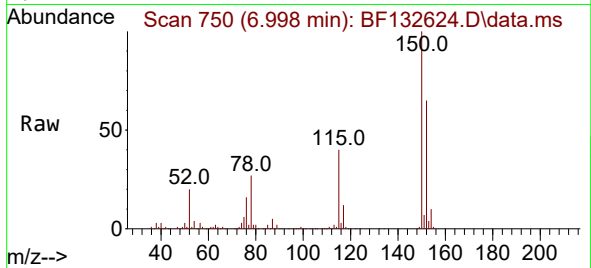




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132624.D
Acq: 03 Mar 2023 12:39

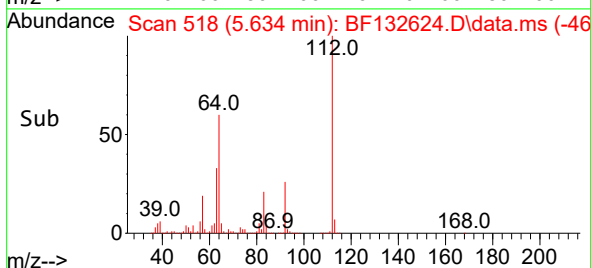
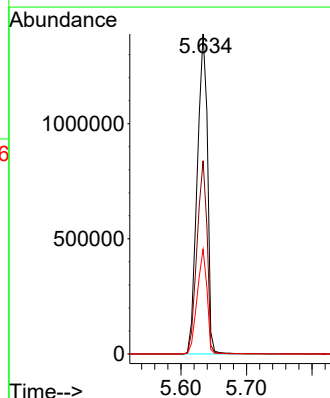
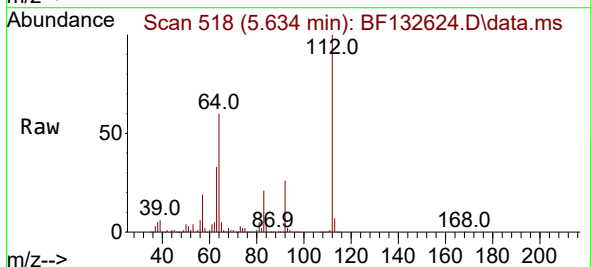
Instrument :
BNA_F
ClientSampleId :
PB151155BL

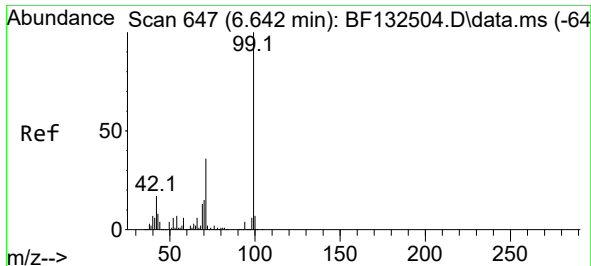
Tgt Ion:152 Resp: 224770
Ion Ratio Lower Upper
152 100
150 153.7 125.4 188.2
115 60.7 47.8 71.6



#5
2-Fluorophenol
Concen: 110.097 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132624.D
Acq: 03 Mar 2023 12:39

Tgt Ion:112 Resp: 1524771
Ion Ratio Lower Upper
112 100
64 60.4 51.6 77.4
63 32.7 27.4 41.2

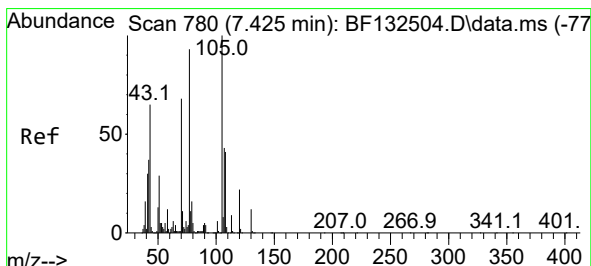
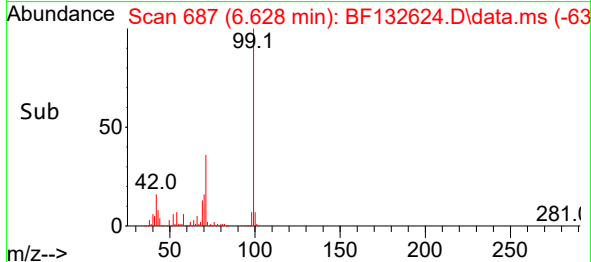
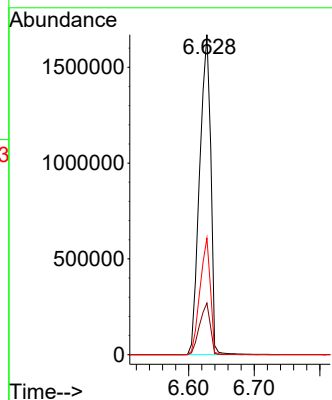
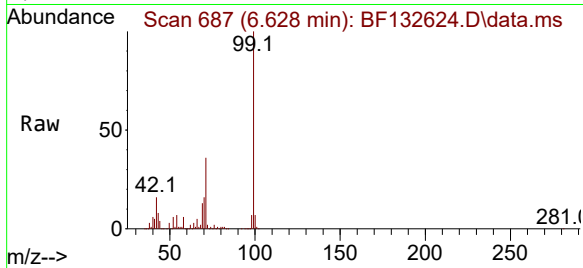




#7
Phenol-d6
Concen: 109.165 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132624.D
Acq: 03 Mar 2023 12:39

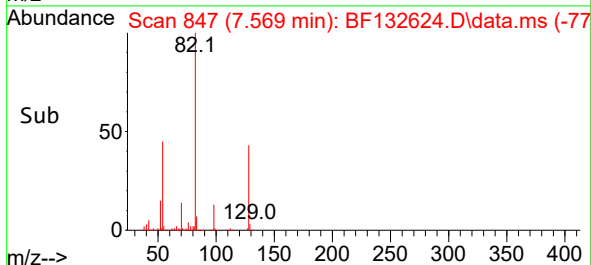
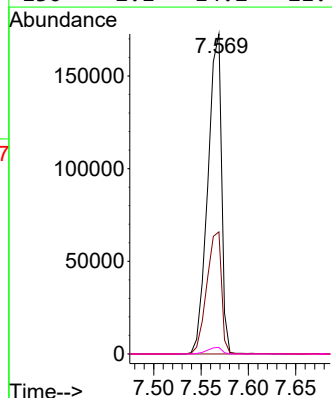
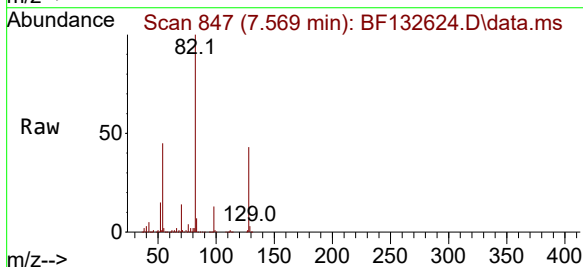
Instrument :
BNA_F
ClientSampleId :
PB151155BL

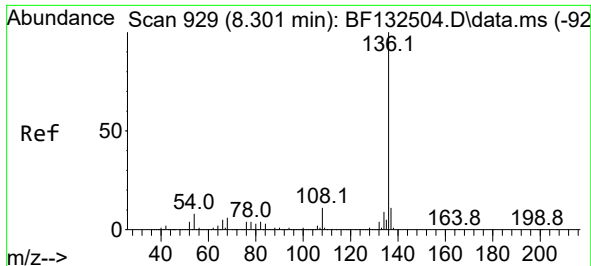
Tgt Ion: 99 Resp: 1973106
Ion Ratio Lower Upper
99 100
42 16.2 13.9 20.9
71 36.4 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.642 ng
RT: 7.569 min Scan# 847
Delta R.T. 0.150 min
Lab File: BF132624.D
Acq: 03 Mar 2023 12:39

Tgt Ion: 70 Resp: 174002
Ion Ratio Lower Upper
70 100
42 38.1 44.1 66.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#

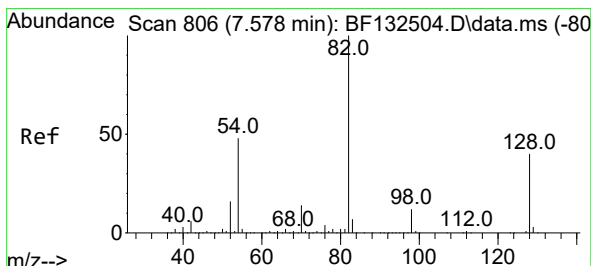
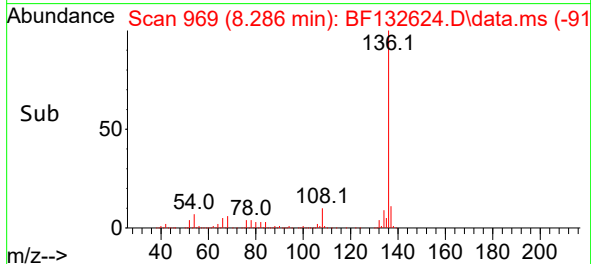
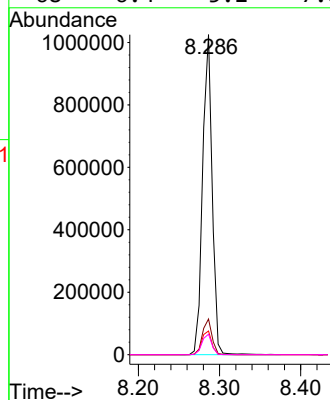
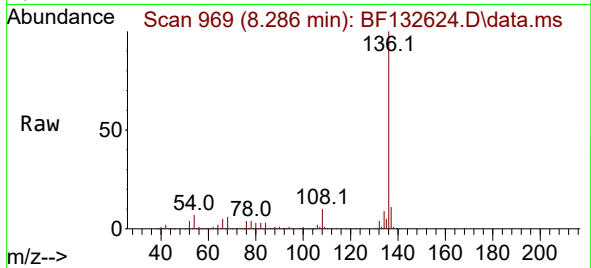




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 90
Delta R.T. -0.003 min
Lab File: BF132624.D
Acq: 03 Mar 2023 12:39

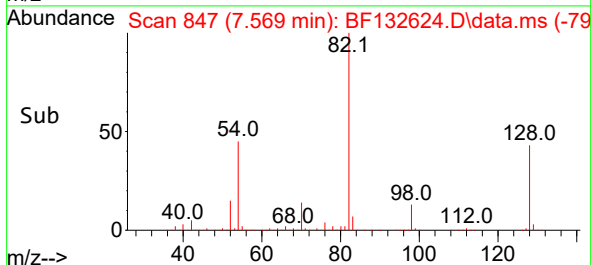
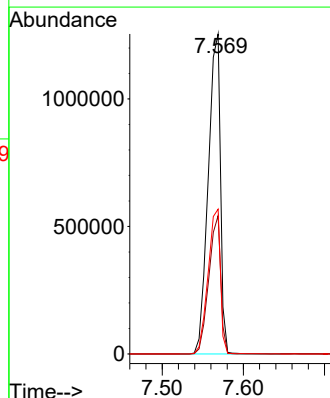
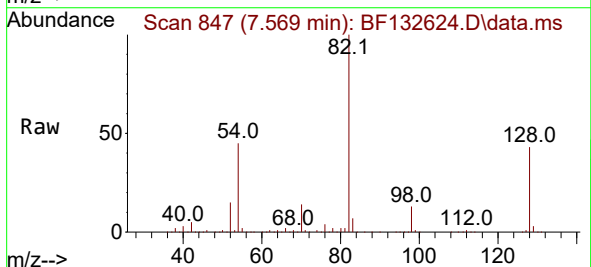
Instrument :
BNA_F
ClientSampleId :
PB151155BL

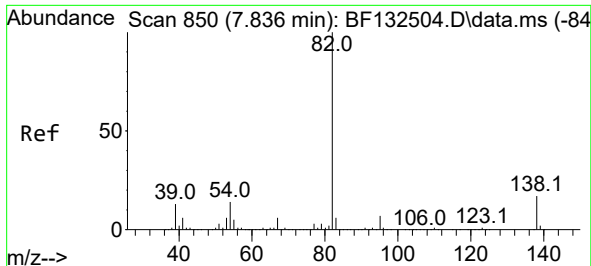
Tgt Ion:136 Resp: 837901
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.4 6.2 9.4
68 6.4 5.2 7.8



#23
Nitrobenzene-d5
Concen: 74.093 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.003 min
Lab File: BF132624.D
Acq: 03 Mar 2023 12:39

Tgt Ion: 82 Resp: 1308542
Ion Ratio Lower Upper
82 100
128 43.2 32.2 48.2
54 45.3 38.4 57.6

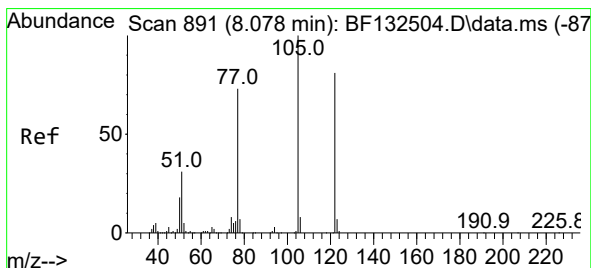
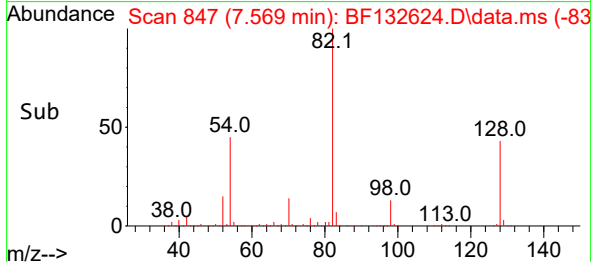
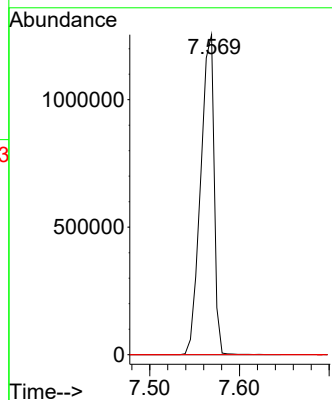
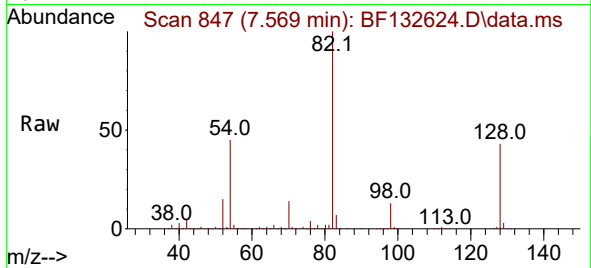




#25
Isophorone
Concen: 38.613 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.256 min
Lab File: BF132624.D
Acq: 03 Mar 2023 12:39

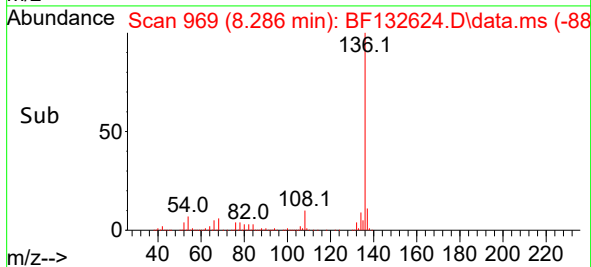
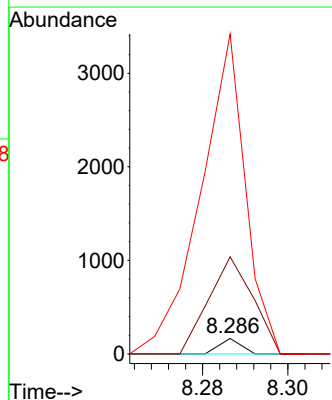
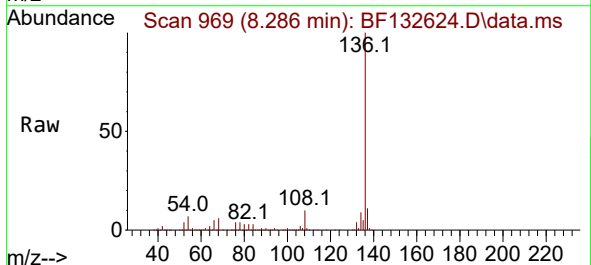
Instrument :
BNA_F
ClientSampleId :
PB151155BL

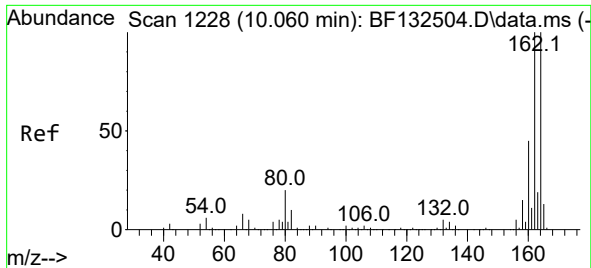
Tgt Ion: 82 Resp: 1307422
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.841 ng
RT: 8.286 min Scan# 969
Delta R.T. 0.221 min
Lab File: BF132624.D
Acq: 03 Mar 2023 12:39

Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 624.7 102.6 142.6#
77 2060.2 70.2 110.2#

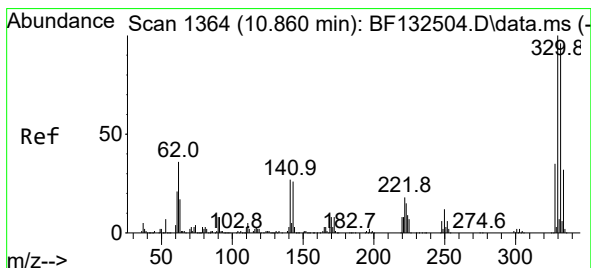
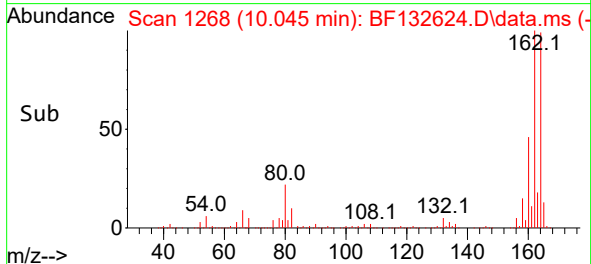
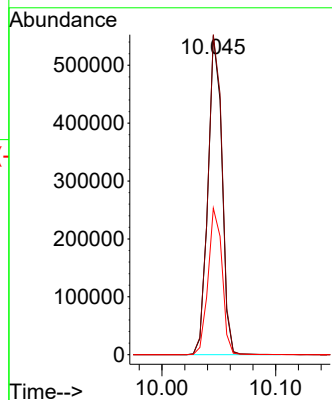
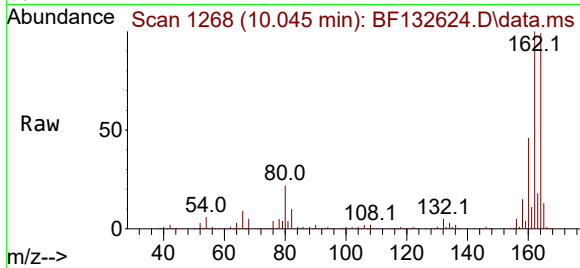




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132624.D
Acq: 03 Mar 2023 12:39

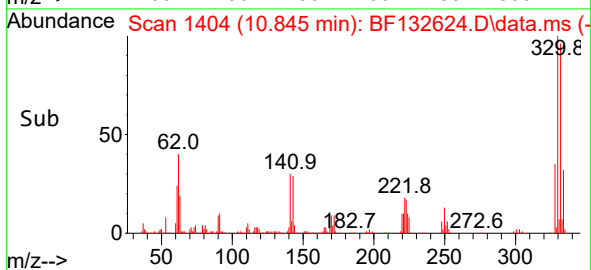
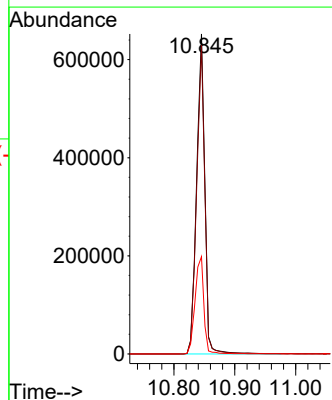
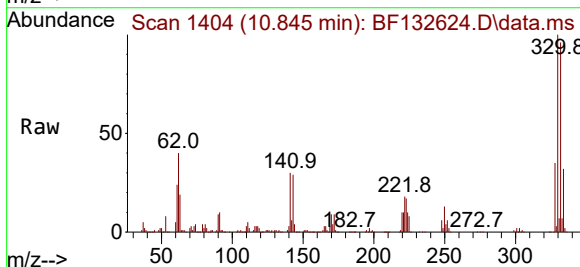
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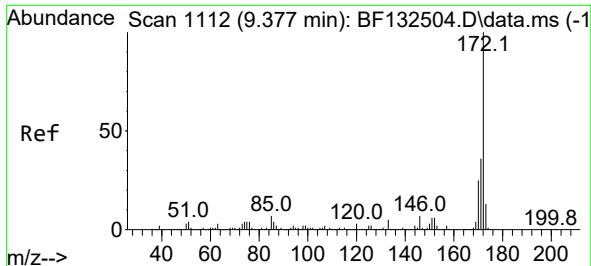
Tgt Ion:164 Resp: 467233
Ion Ratio Lower Upper
164 100
162 100.5 79.8 119.8
160 46.1 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 120.870 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132624.D
Acq: 03 Mar 2023 12:39

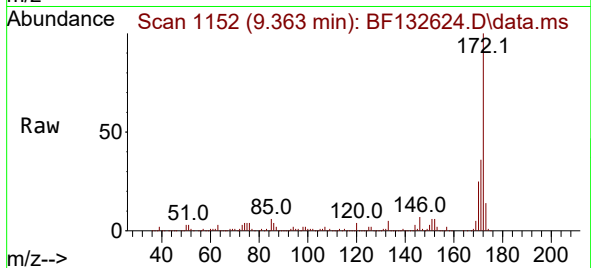
Tgt Ion:330 Resp: 609899
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 32.8 28.4 42.6



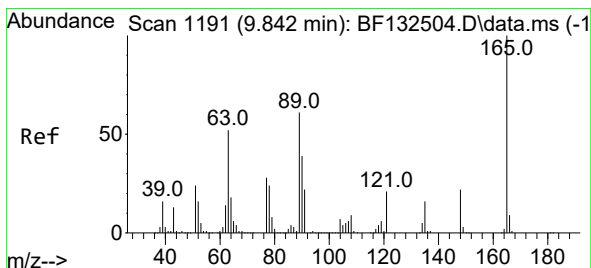
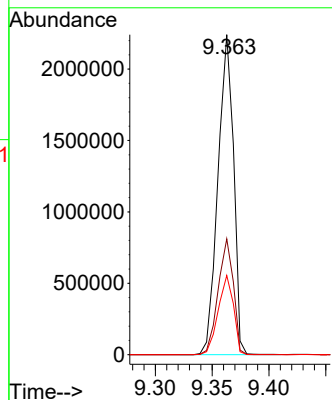
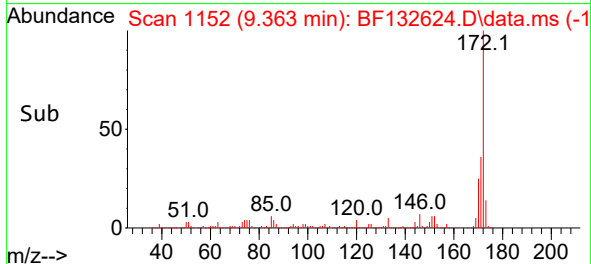


#45
2-Fluorobiphenyl
Concen: 69.864 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132624.D
Acq: 03 Mar 2023 12:39

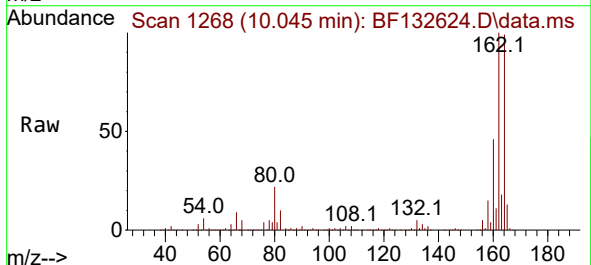
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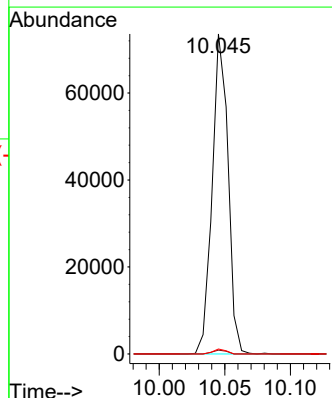
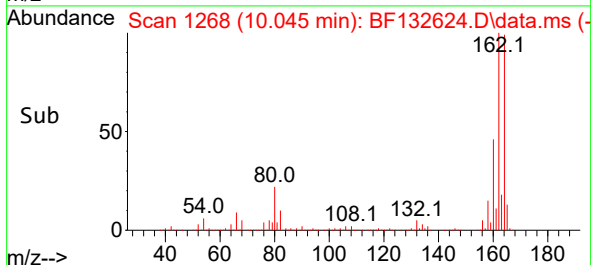
Tgt Ion:172 Resp: 2143788
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.7 19.7 29.5

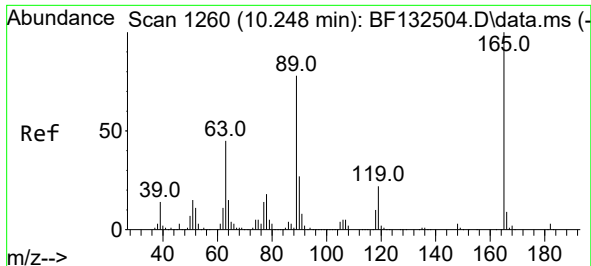


#51
2,6-Dinitrotoluene
Concen: 7.987 ng
RT: 10.045 min Scan# 1268
Delta R.T. 0.209 min
Lab File: BF132624.D
Acq: 03 Mar 2023 12:39



Tgt Ion:165 Resp: 61880
Ion Ratio Lower Upper
165 100
63 1.2 47.3 70.9#
89 1.6 48.9 73.3#

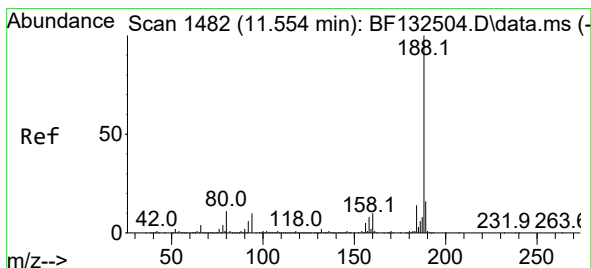
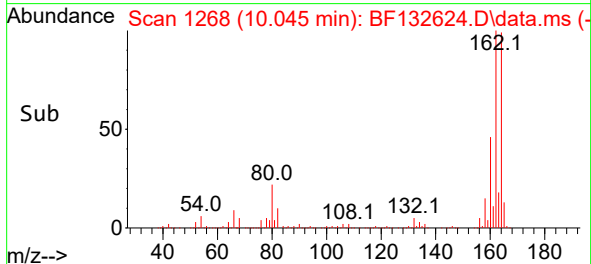
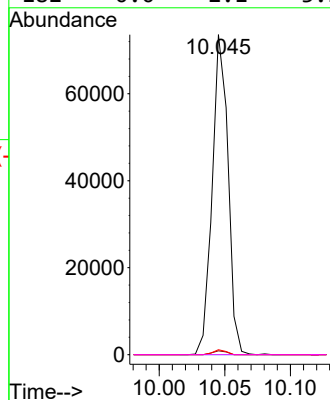
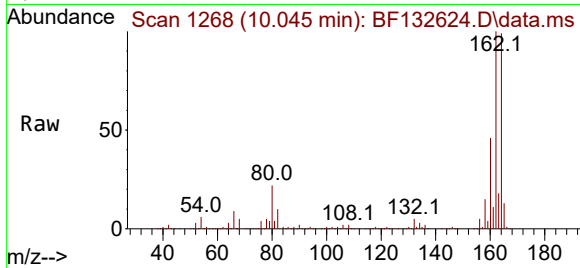




#57
2,4-Dinitrotoluene
Concen: 6.003 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.197 min
Lab File: BF132624.D
Acq: 03 Mar 2023 12:39

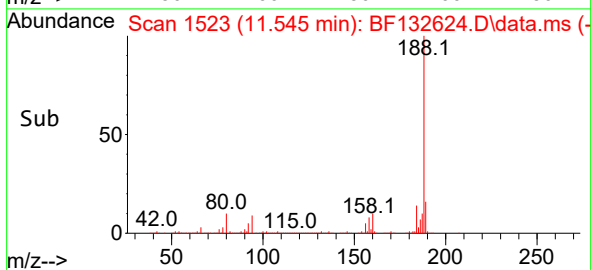
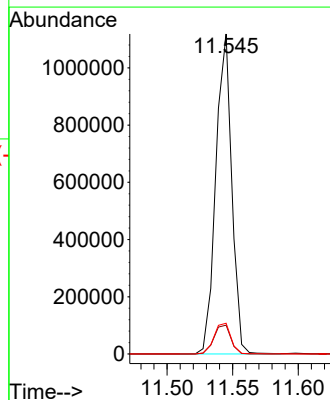
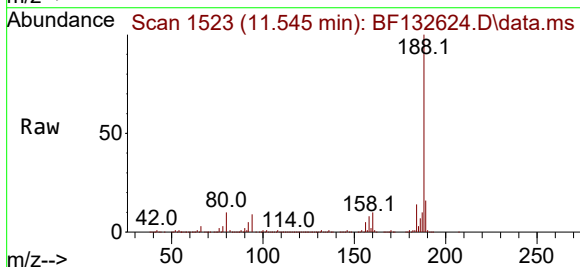
Instrument :
BNA_F
ClientSampleId :
PB151155BL

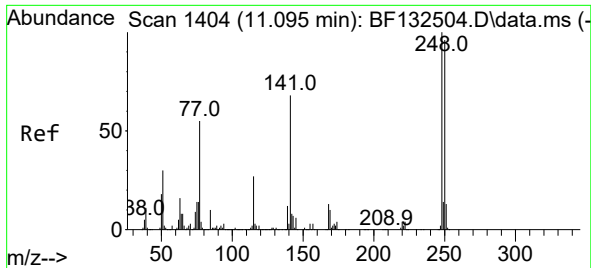
Tgt Ion:165 Resp: 61880
Ion Ratio Lower Upper
165 100
63 1.2 36.5 54.7#
89 1.6 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132624.D
Acq: 03 Mar 2023 12:39

Tgt Ion:188 Resp: 944586
Ion Ratio Lower Upper
188 100
94 9.0 8.3 12.5
80 9.6 8.7 13.1

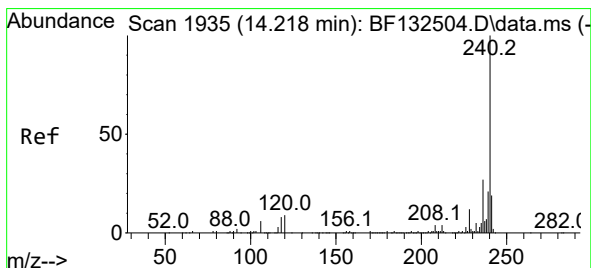
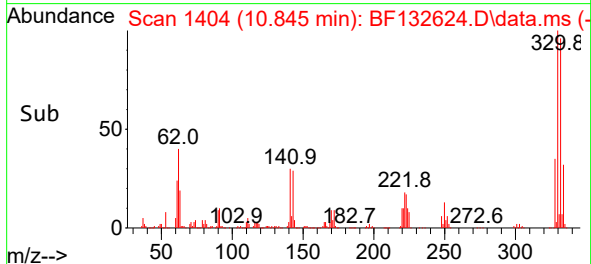
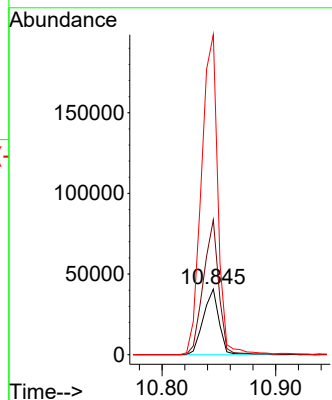
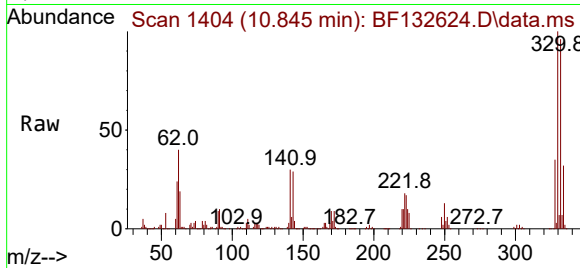




#67
4-Bromophenyl-phenylether
Concen: 3.653 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.244 min
Lab File: BF132624.D
Acq: 03 Mar 2023 12:39

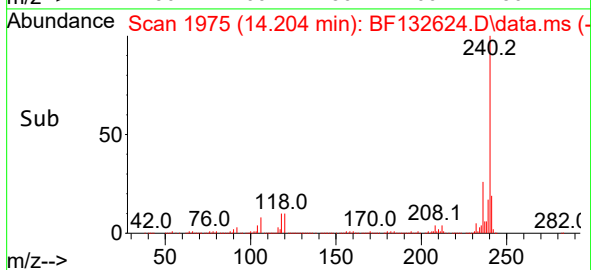
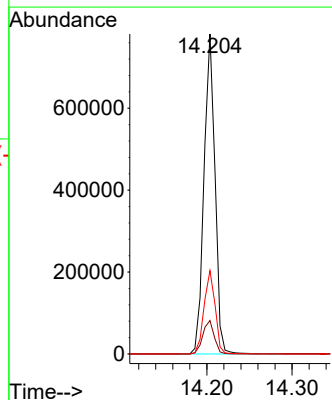
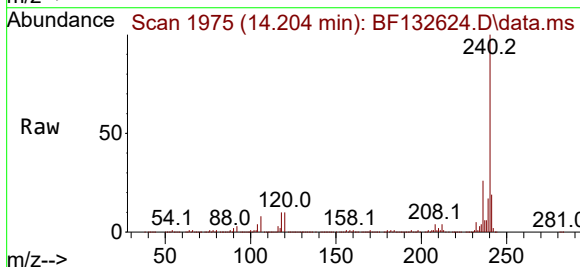
Instrument :
BNA_F
ClientSampleId :
PB151155BL

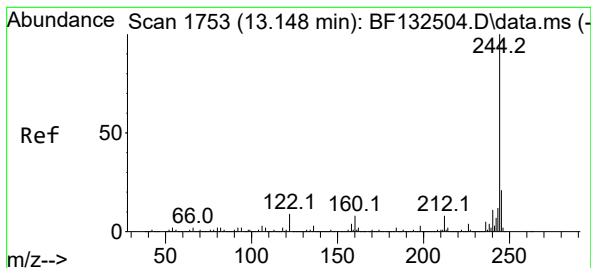
Tgt Ion:248 Resp: 39031
Ion Ratio Lower Upper
248 100
250 205.3 77.0 115.4#
141 487.3 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132624.D
Acq: 03 Mar 2023 12:39

Tgt Ion:240 Resp: 700554
Ion Ratio Lower Upper
240 100
120 10.4 7.2 10.8
236 26.1 21.8 32.6





#79

Terphenyl-d14

Concen: 71.644 ng

RT: 13.139 min Scan# 1

Delta R.T. -0.003 min

Lab File: BF132624.D

Acq: 03 Mar 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB151155BL

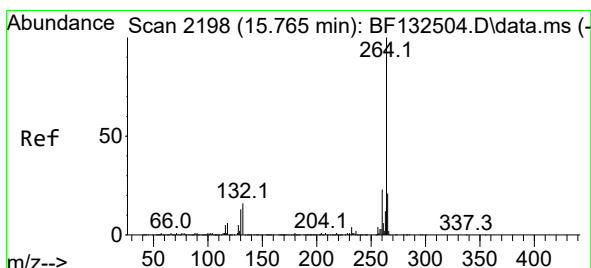
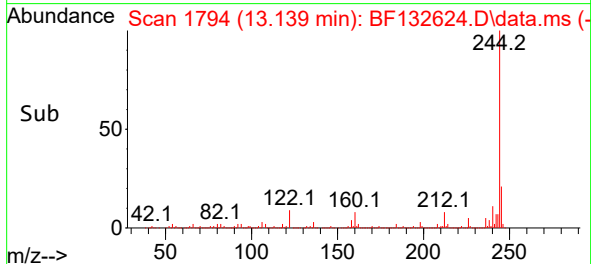
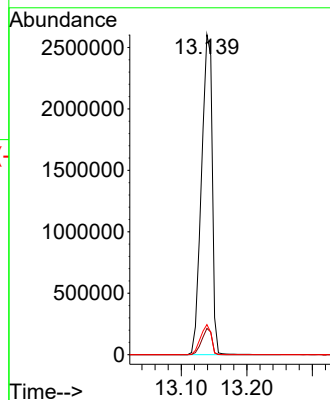
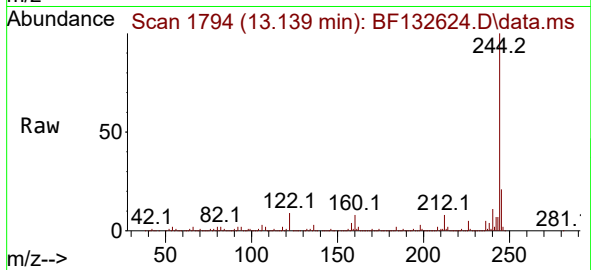
Tgt Ion:244 Resp: 2968552

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 9.4 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: BF132624.D

Acq: 03 Mar 2023 12:39

Tgt Ion:264 Resp: 552759

Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

265 22.0 17.1 25.7

