

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
 Data File : BF132626.D
 Acq On : 03 Mar 2023 13:42
 Operator : CG\JU
 Sample : PB151190BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151190BL

Quant Time: Mar 04 02:16:08 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)

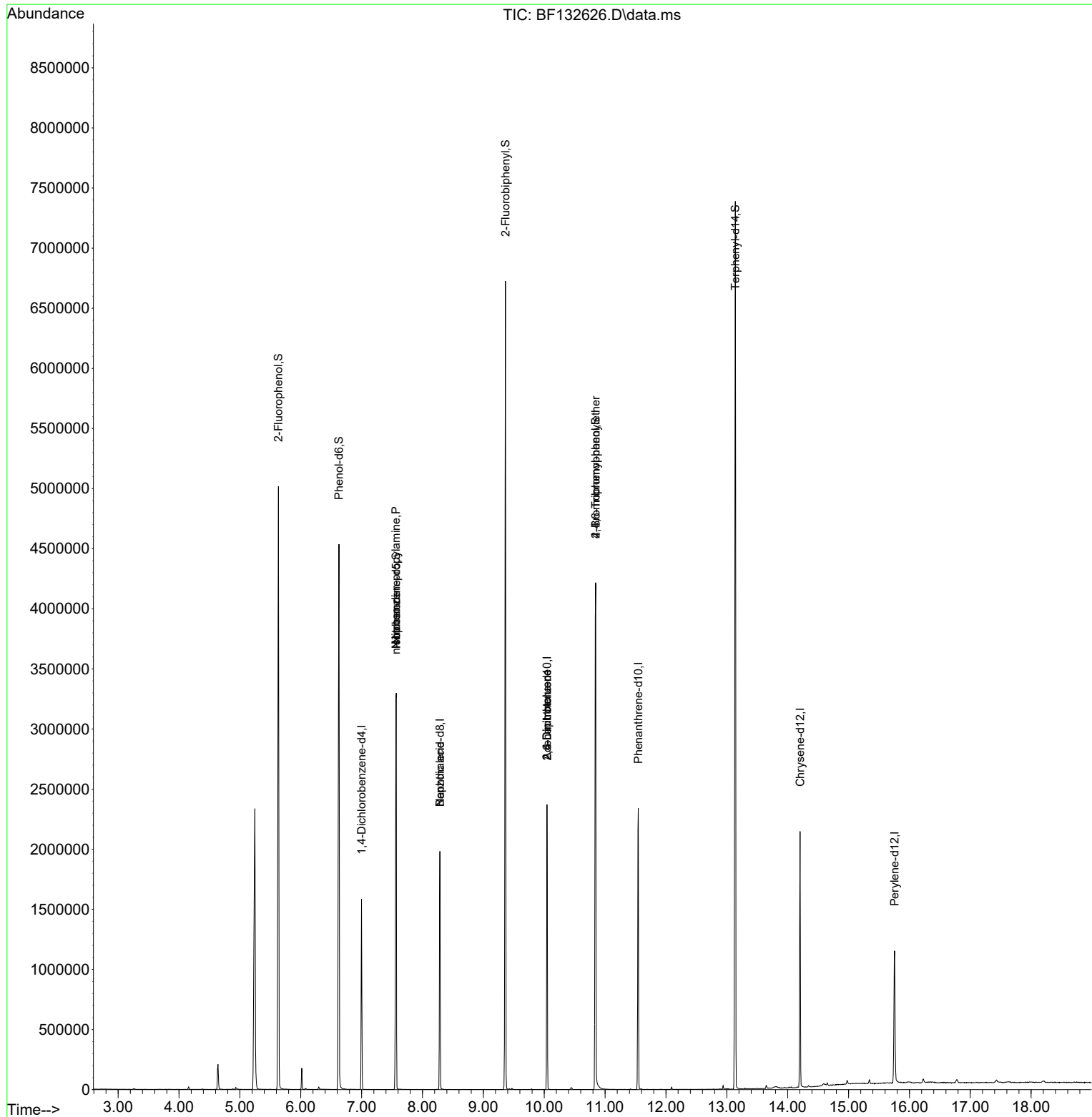
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	219520	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	811903	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	450226	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	898137	20.000	ng	0.00
76) Chrysene-d12	14.204	240	685970	20.000	ng	0.00
86) Perylene-d12	15.757	264	537994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1497930	110.746	ng	0.00
7) Phenol-d6	6.628	99	1929904	109.328	ng	0.00
23) Nitrobenzene-d5	7.569	82	1275640	74.543	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	580241	119.336	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	2085678	70.538	ng	0.00
79) Terphenyl-d14	13.139	244	2843811	70.093	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.563	70	168488	15.509	ng	# 76
25) Isophorone	7.569	82	1275628	38.880	ng	# 67
32) Benzoic acid	8.286	122	161	3.851	ng	# 1
51) 2,6-Dinitrotoluene	10.045	165	57900	7.755	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	57900	5.829	ng	# 21
67) 4-Bromophenyl-phenylether	10.845	248	37391	3.680	ng	# 1

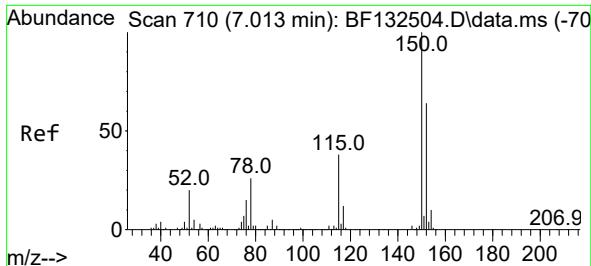
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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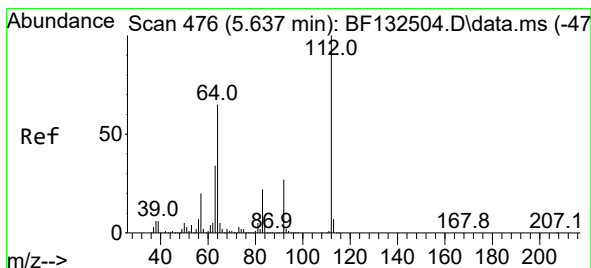
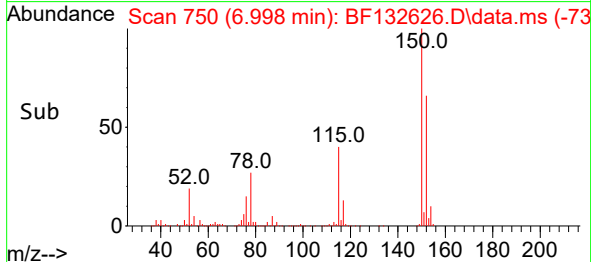
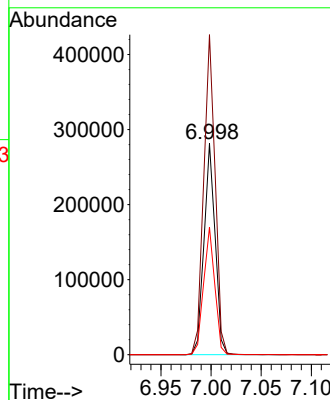
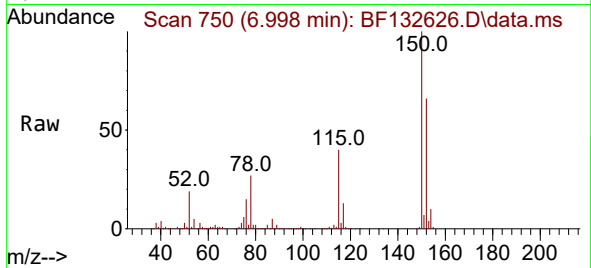




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132626.D
Acq: 03 Mar 2023 13:42

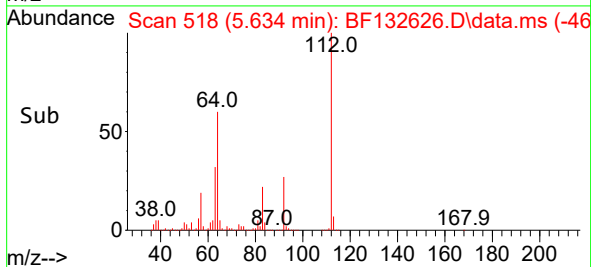
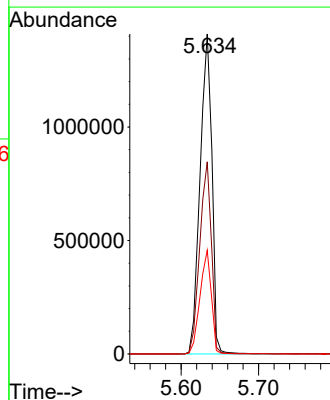
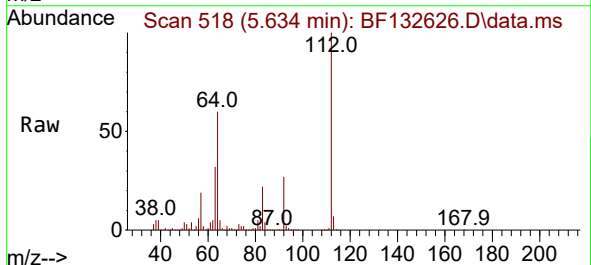
Instrument :
BNA_F
ClientSampleId :
PB151190BL

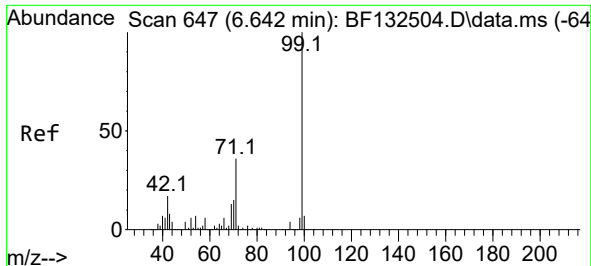
Tgt Ion:152 Resp: 219520
Ion Ratio Lower Upper
152 100
150 151.5 125.4 188.2
115 60.4 47.8 71.6



#5
2-Fluorophenol
Concen: 110.746 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132626.D
Acq: 03 Mar 2023 13:42

Tgt Ion:112 Resp: 1497930
Ion Ratio Lower Upper
112 100
64 60.0 51.6 77.4
63 32.4 27.4 41.2

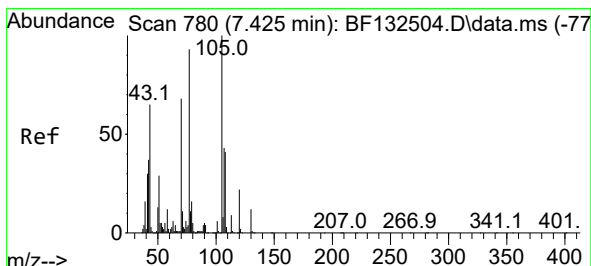
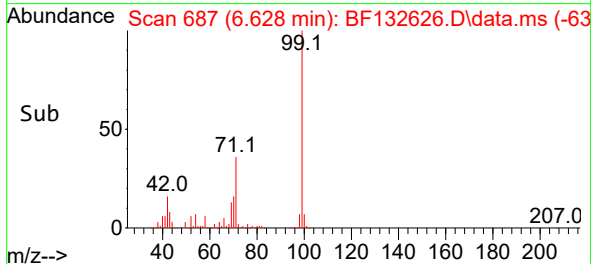
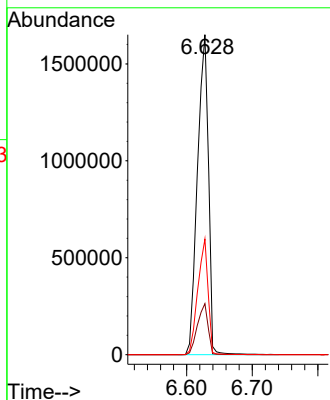
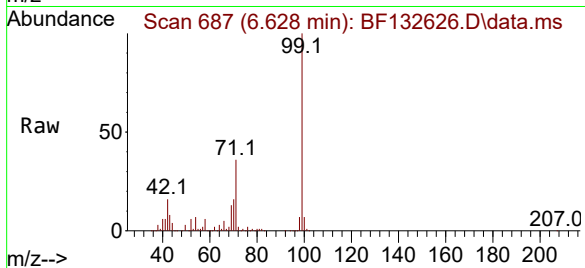




#7
Phenol-d6
Concen: 109.328 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132626.D
Acq: 03 Mar 2023 13:42

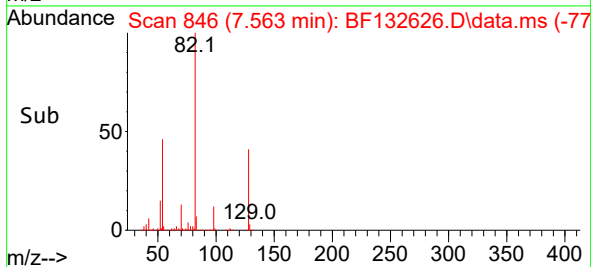
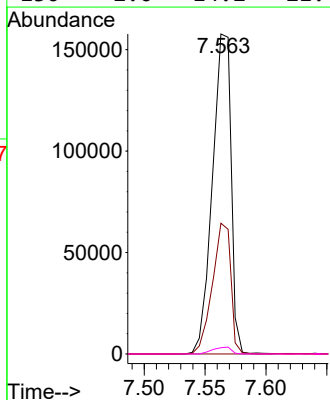
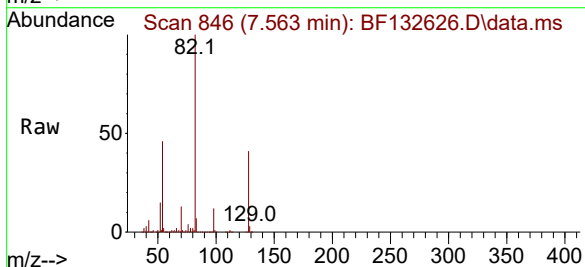
Instrument :
BNA_F
ClientSampleId :
PB151190BL

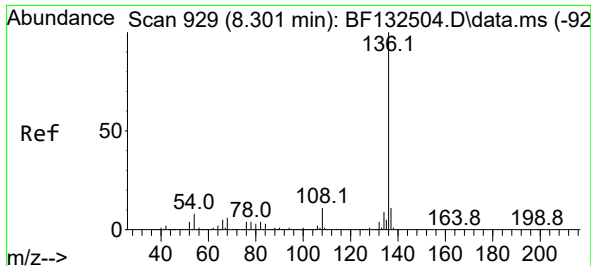
Tgt Ion: 99 Resp: 1929904
Ion Ratio Lower Upper
99 100
42 16.0 13.9 20.9
71 36.1 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.509 ng
RT: 7.563 min Scan# 846
Delta R.T. 0.144 min
Lab File: BF132626.D
Acq: 03 Mar 2023 13:42

Tgt Ion: 70 Resp: 168488
Ion Ratio Lower Upper
70 100
42 40.9 44.1 66.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#

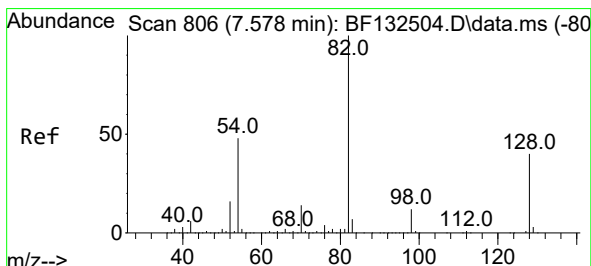
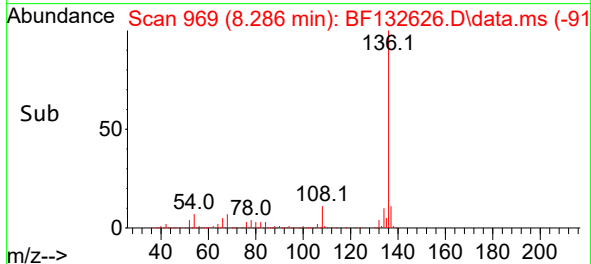
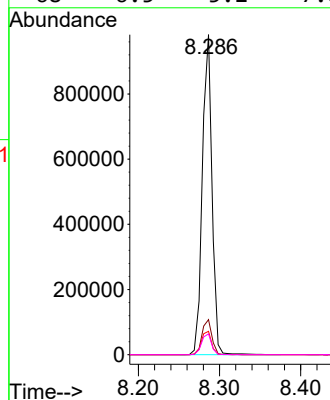
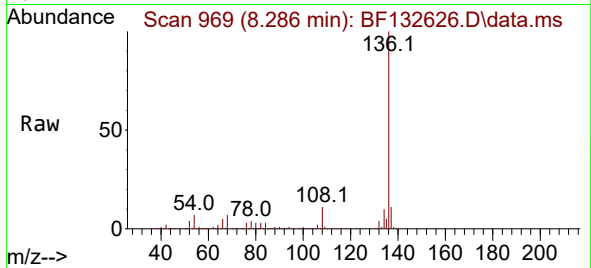




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 910
Delta R.T. -0.003 min
Lab File: BF132626.D
Acq: 03 Mar 2023 13:42

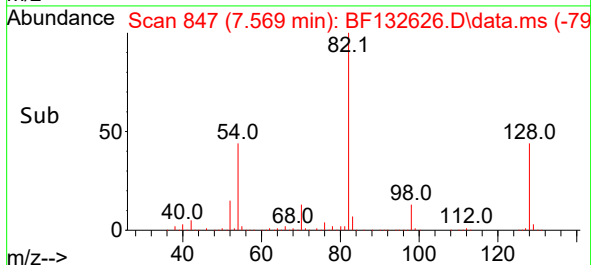
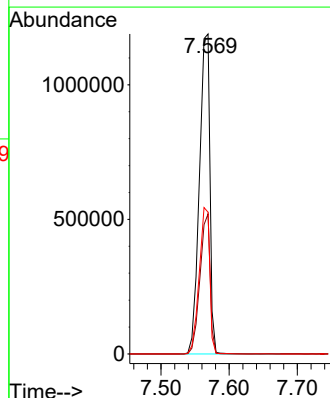
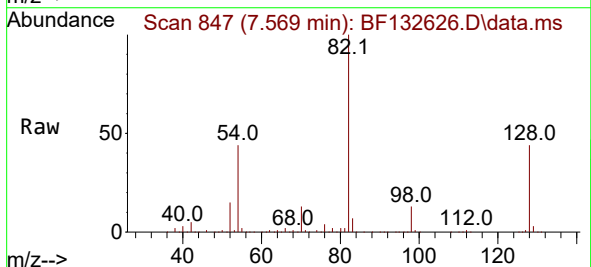
Instrument :
BNA_F
ClientSampleId :
PB151190BL

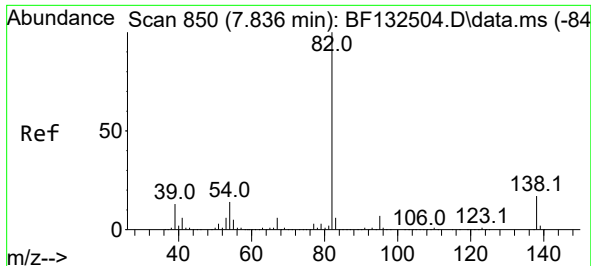
Tgt Ion:136 Resp: 811903
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.3 6.2 9.4
68 6.5 5.2 7.8



#23
Nitrobenzene-d5
Concen: 74.543 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.003 min
Lab File: BF132626.D
Acq: 03 Mar 2023 13:42

Tgt Ion: 82 Resp: 1275640
Ion Ratio Lower Upper
82 100
128 43.8 32.2 48.2
54 44.3 38.4 57.6

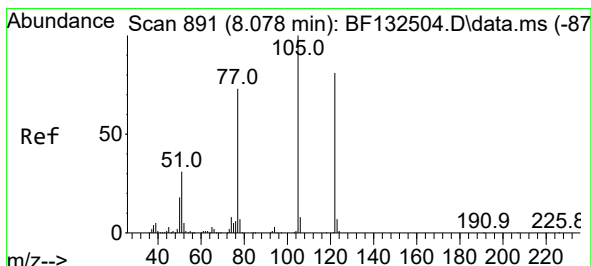
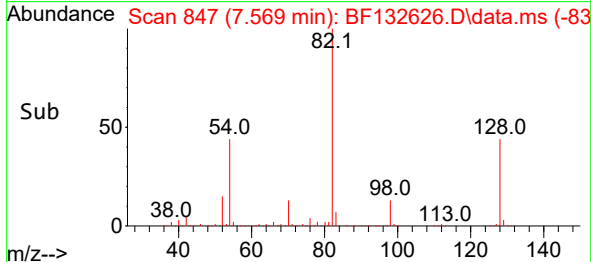
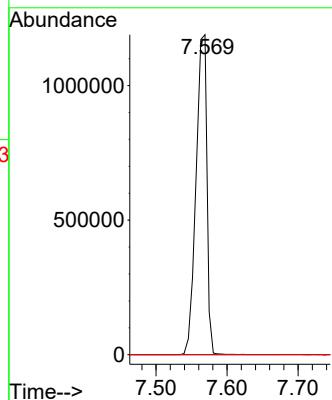
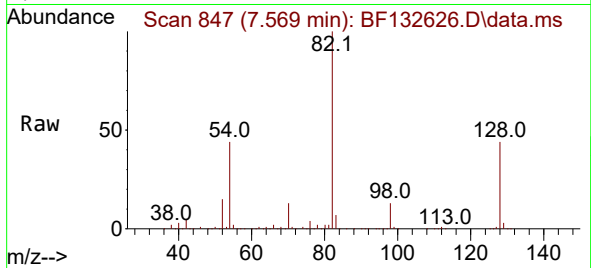




#25
Isophorone
Concen: 38.880 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.256 min
Lab File: BF132626.D
Acq: 03 Mar 2023 13:42

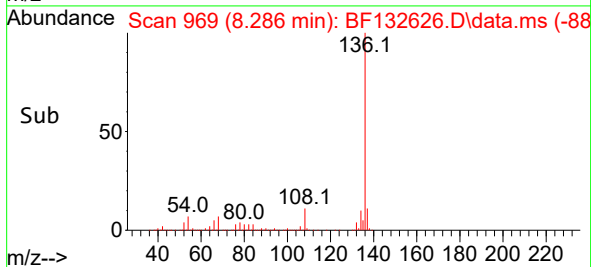
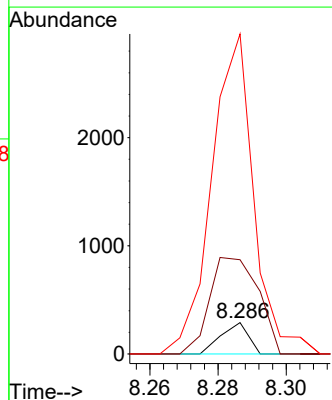
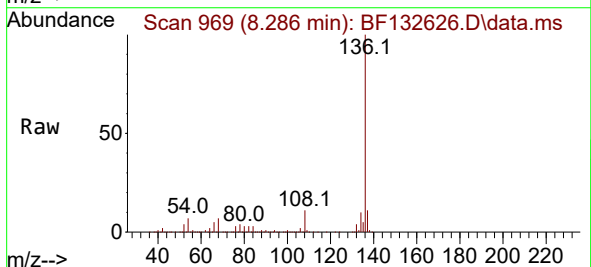
Instrument :
BNA_F
ClientSampleId :
PB151190BL

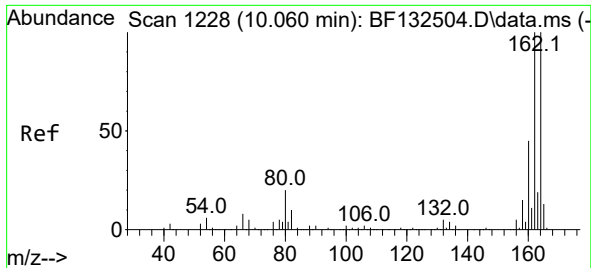
Tgt Ion: 82 Resp: 1275628
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.851 ng
RT: 8.286 min Scan# 969
Delta R.T. 0.221 min
Lab File: BF132626.D
Acq: 03 Mar 2023 13:42

Tgt Ion:122 Resp: 161
Ion Ratio Lower Upper
122 100
105 300.7 102.6 142.6#
77 1020.3 70.2 110.2#

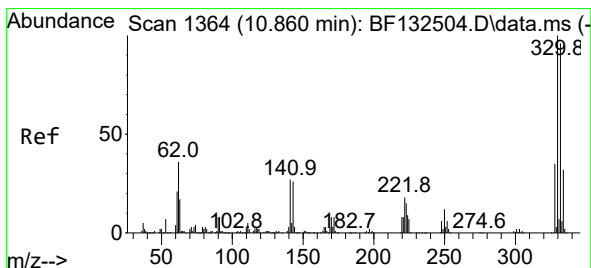
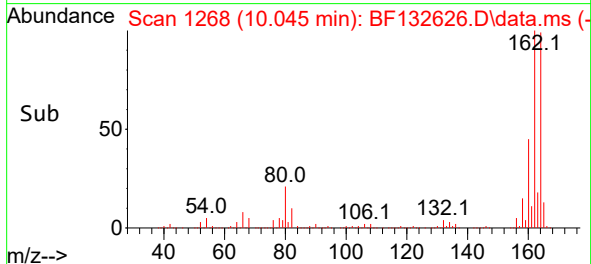
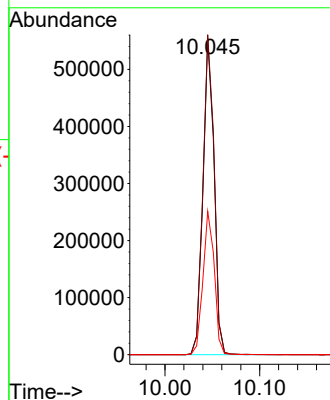
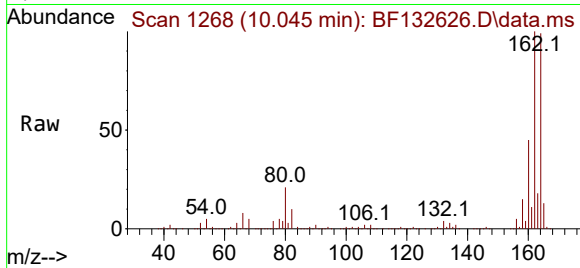




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132626.D
Acq: 03 Mar 2023 13:42

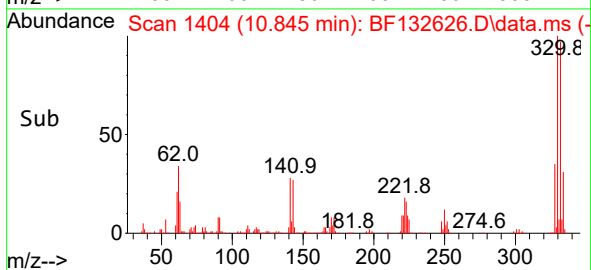
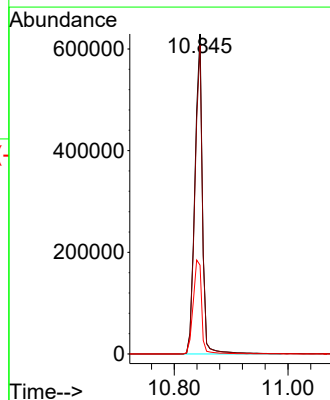
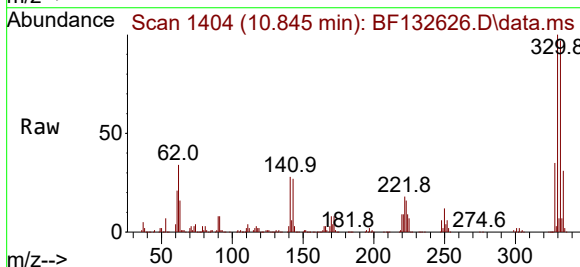
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PB151190BL

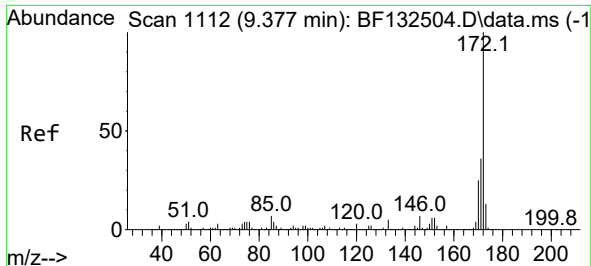
Tgt Ion:164 Resp: 450226
Ion Ratio Lower Upper
164 100
162 101.1 79.8 119.8
160 45.3 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 119.336 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132626.D
Acq: 03 Mar 2023 13:42

Tgt Ion:330 Resp: 580241
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 33.0 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 70.538 ng

RT: 9.363 min Scan# 1112

Delta R.T. -0.009 min

Lab File: BF132626.D

Acq: 03 Mar 2023 13:42

Instrument :

BNA_F

ClientSampleId :

PB151190BL

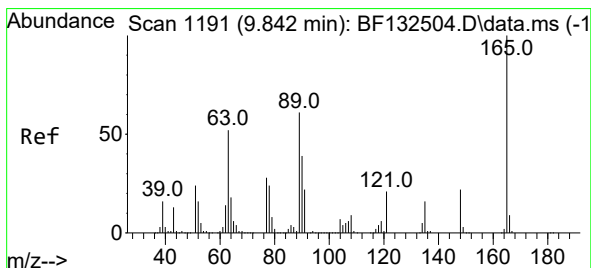
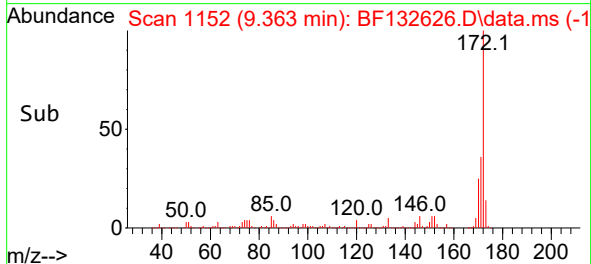
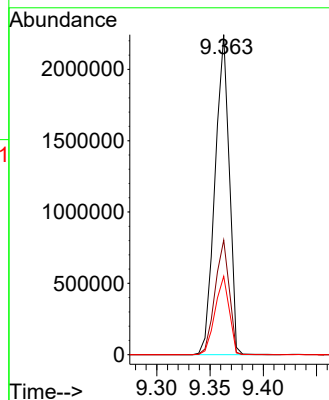
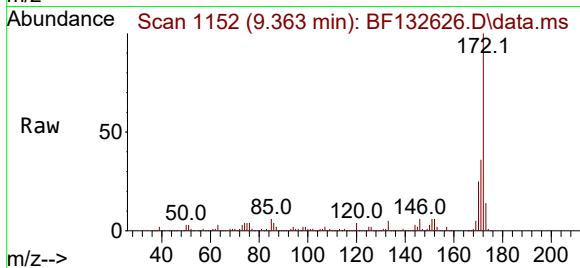
Tgt Ion:172 Resp: 2085678

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.5 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.755 ng

RT: 10.045 min Scan# 1268

Delta R.T. 0.209 min

Lab File: BF132626.D

Acq: 03 Mar 2023 13:42

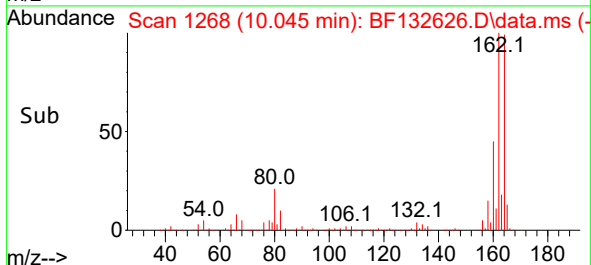
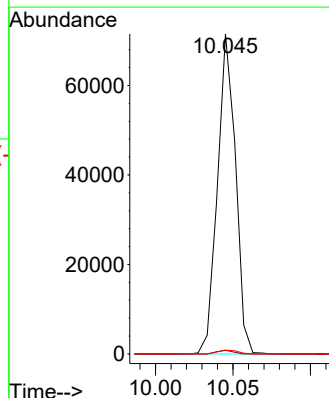
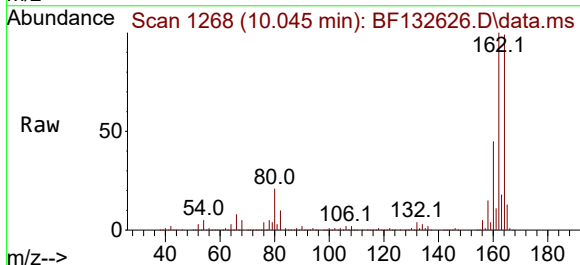
Tgt Ion:165 Resp: 57900

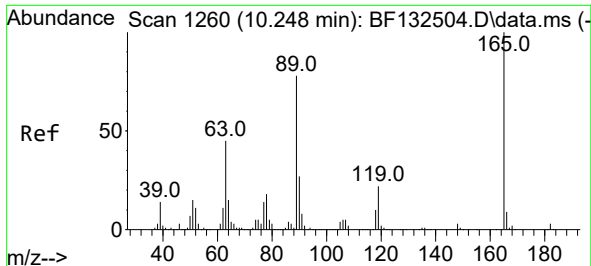
Ion Ratio Lower Upper

165 100

63 1.2 47.3 70.9#

89 1.2 48.9 73.3#

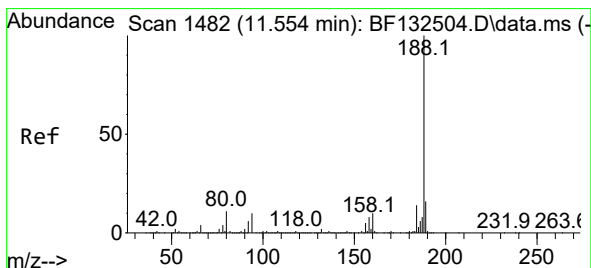
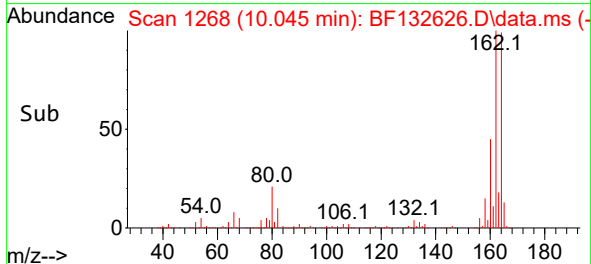
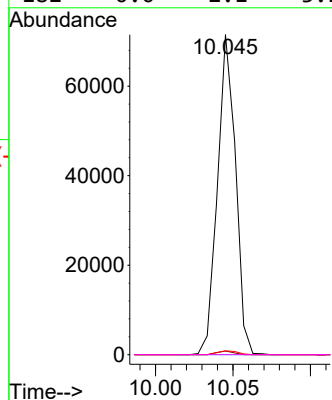
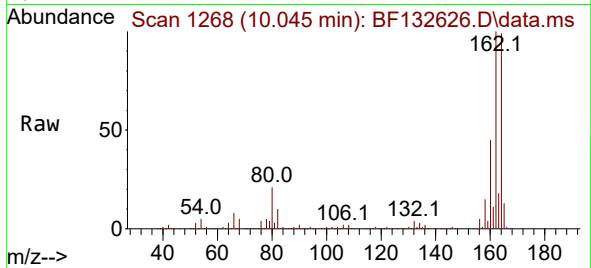




#57
2,4-Dinitrotoluene
Concen: 5.829 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.197 min
Lab File: BF132626.D
Acq: 03 Mar 2023 13:42

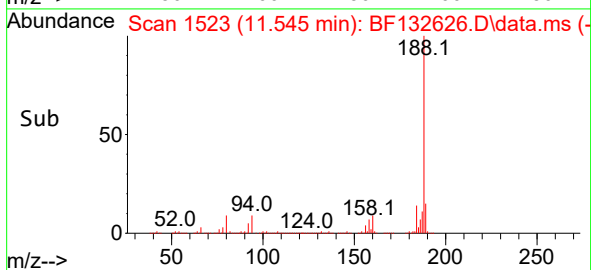
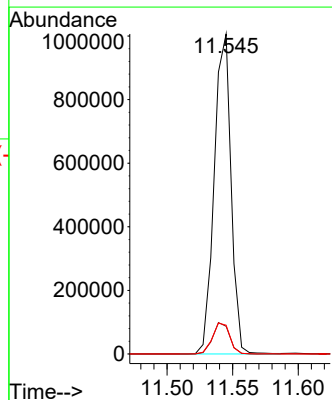
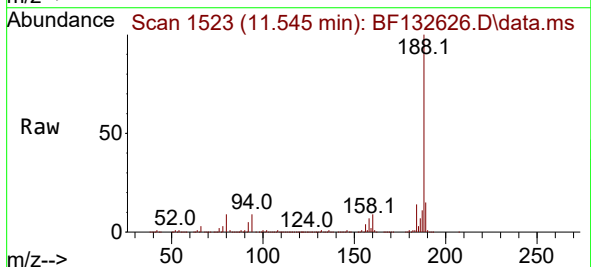
Instrument :
BNA_F
ClientSampleId :
PB151190BL

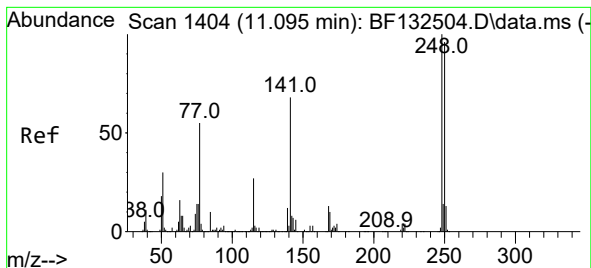
Tgt Ion:165 Resp: 57900
Ion Ratio Lower Upper
165 100
63 1.2 36.5 54.7#
89 1.2 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132626.D
Acq: 03 Mar 2023 13:42

Tgt Ion:188 Resp: 898137
Ion Ratio Lower Upper
188 100
94 8.7 8.3 12.5
80 9.0 8.7 13.1

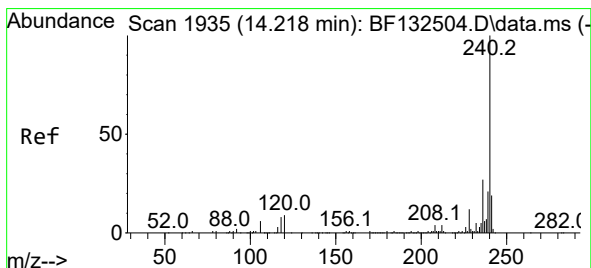
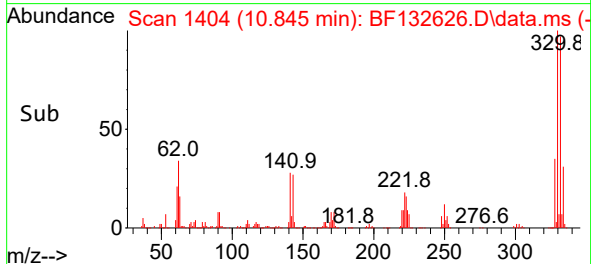
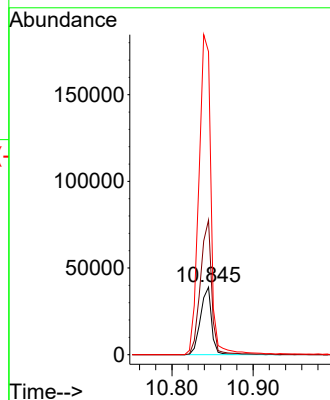
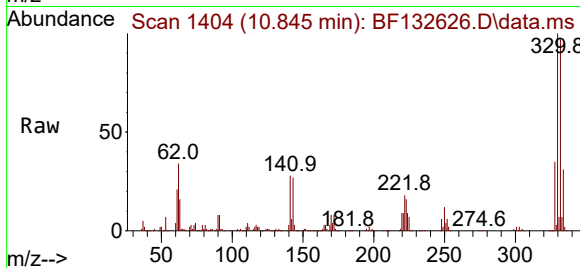




#67
4-Bromophenyl-phenylether
Concen: 3.680 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.244 min
Lab File: BF132626.D
Acq: 03 Mar 2023 13:42

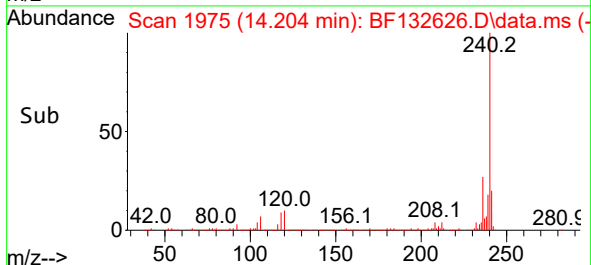
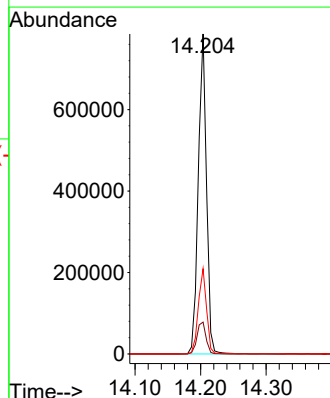
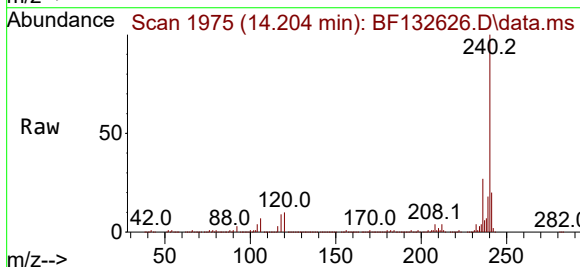
Instrument :
BNA_F
ClientSampleId :
PB151190BL

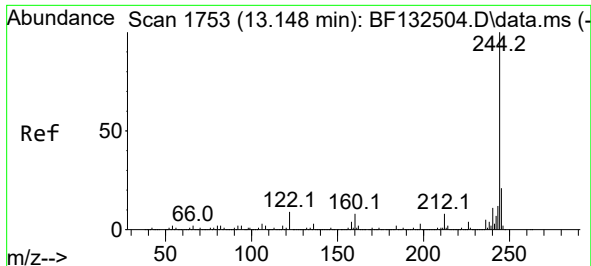
Tgt Ion:248 Resp: 37391
Ion Ratio Lower Upper
248 100
250 199.2 77.0 115.4#
141 448.7 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132626.D
Acq: 03 Mar 2023 13:42

Tgt Ion:240 Resp: 685970
Ion Ratio Lower Upper
240 100
120 9.9 7.2 10.8
236 26.6 21.8 32.6

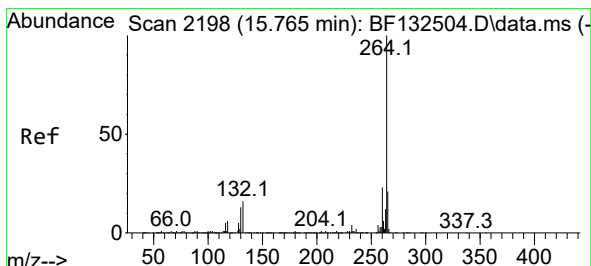
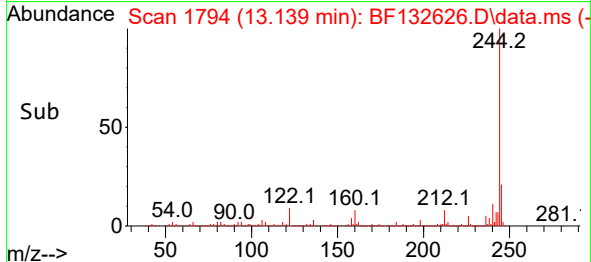
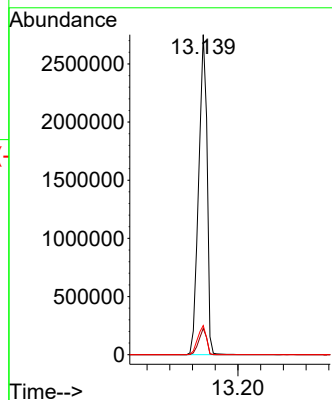
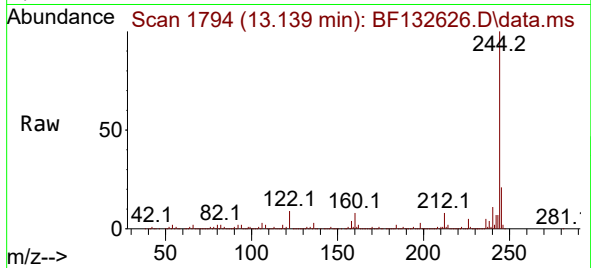




#79
 Terphenyl-d14
 Concen: 70.093 ng
 RT: 13.139 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: BF132626.D
 Acq: 03 Mar 2023 13:42

Instrument :
 BNA_F
 ClientSampleId :
 PB151190BL

Tgt Ion:244 Resp: 2843811
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 9.1 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: BF132626.D
 Acq: 03 Mar 2023 13:42

Tgt Ion:264 Resp: 537994
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.4 17.1 25.7

