

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132646.D
 Acq On : 06 Mar 2023 13:02
 Operator : CG\JU
 Sample : PB151166TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151166TB

Quant Time: Mar 07 00:53:21 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)

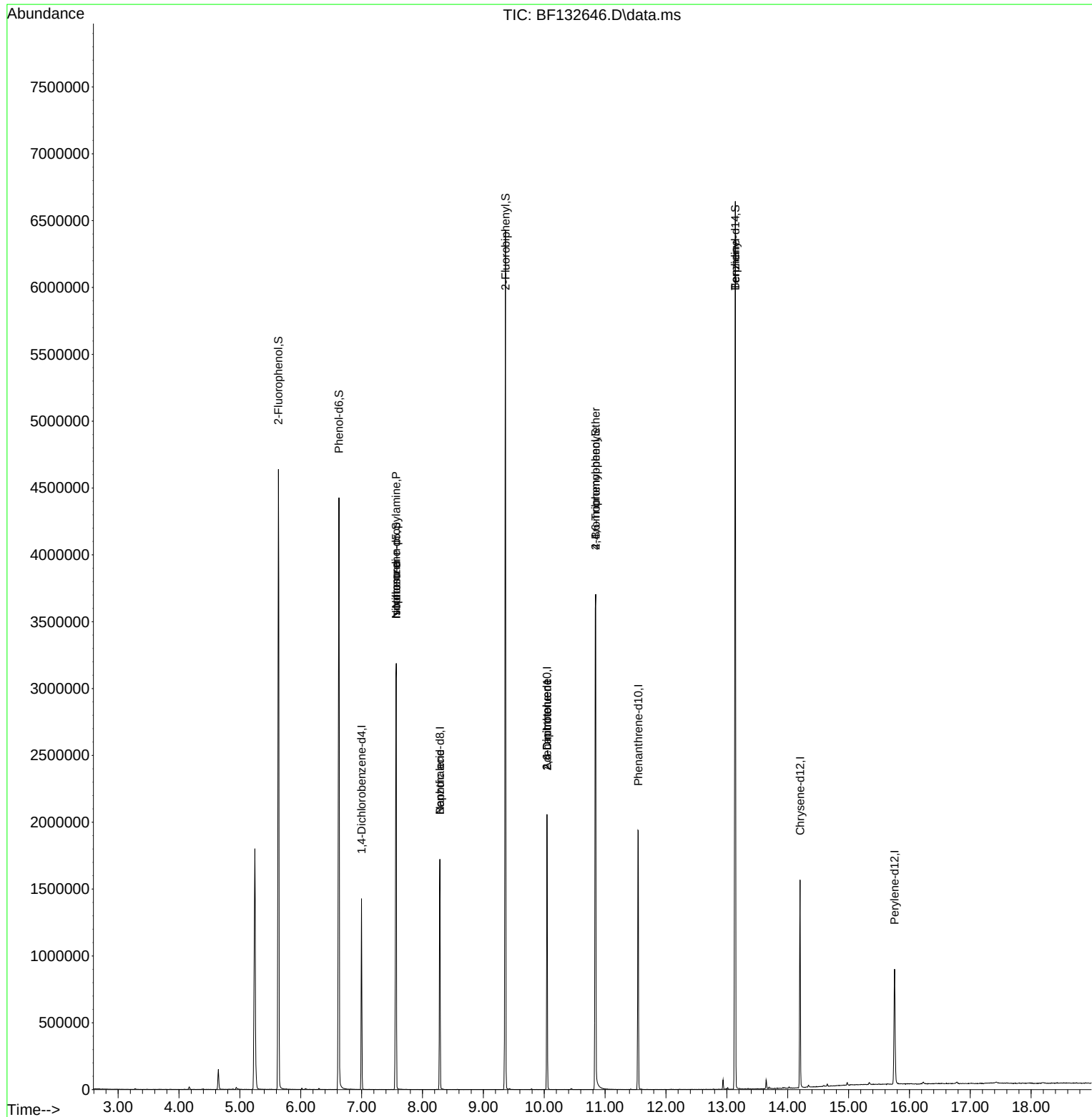
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	194786	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	733429	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	395094	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	774750	20.000	ng	0.00
76) Chrysene-d12	14.204	240	512377	20.000	ng	0.00
86) Perylene-d12	15.757	264	430001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1466448	122.185	ng	0.00
7) Phenol-d6	6.628	99	1903893	121.550	ng	0.00
23) Nitrobenzene-d5	7.569	82	1248809	80.783	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	529019	123.984	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1994563	76.869	ng	0.00
79) Terphenyl-d14	13.139	244	2518342	83.100	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.569	70	164467	17.061	ng	# 73
25) Isophorone	7.569	82	1248798	42.135	ng	# 67
32) Benzoic acid	8.287	122	157	3.852	ng	# 1
51) 2,6-Dinitrotoluene	10.045	165	50771	7.749	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	50771	5.825	ng	# 21
67) 4-Bromophenyl-phenylether	10.845	248	34361	3.921	ng	# 1
77) Benzidine	13.139	184	36356	2.915	ng	# 92

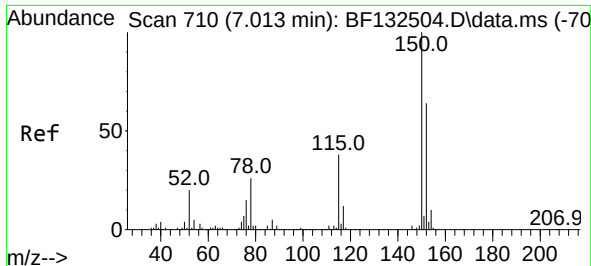
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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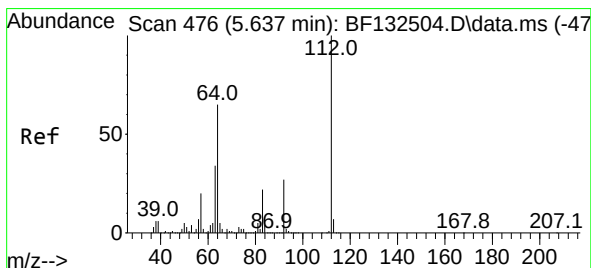
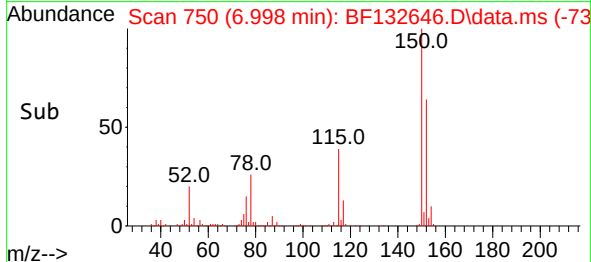
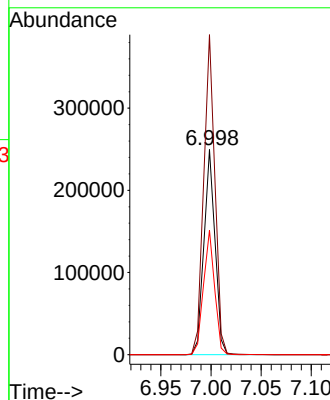
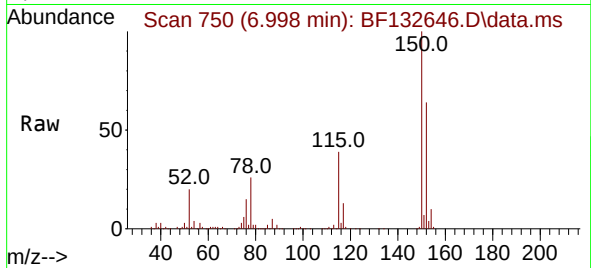




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

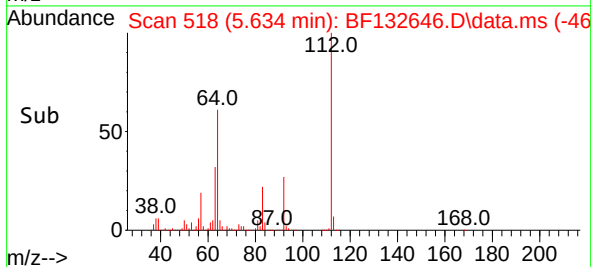
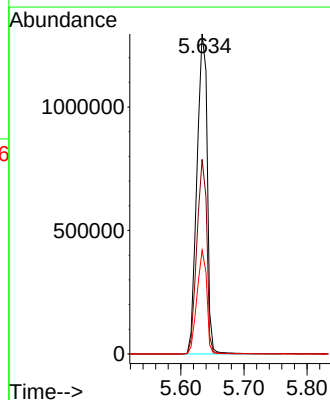
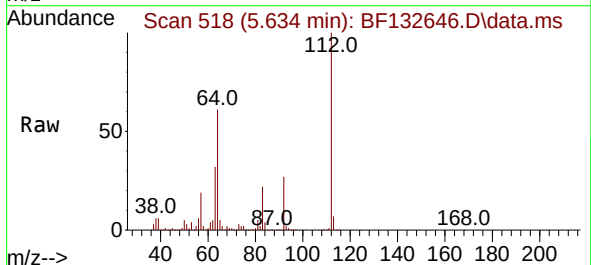
Instrument :
BNA_F
ClientSampleId :
PB151166TB

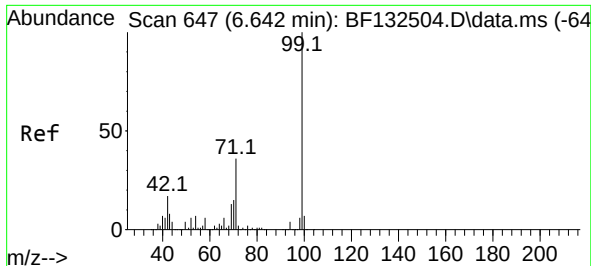
Tgt Ion:152 Resp: 194786
Ion Ratio Lower Upper
152 100
150 155.9 125.4 188.2
115 60.7 47.8 71.6



#5
2-Fluorophenol
Concen: 122.185 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

Tgt Ion:112 Resp: 1466448
Ion Ratio Lower Upper
112 100
64 60.8 51.6 77.4
63 32.4 27.4 41.2

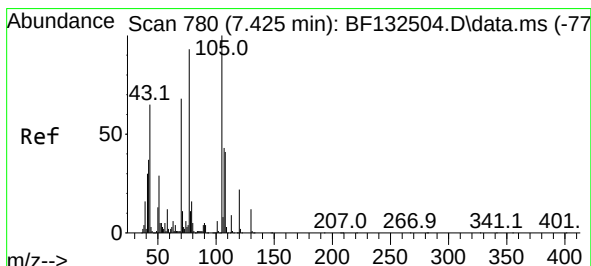
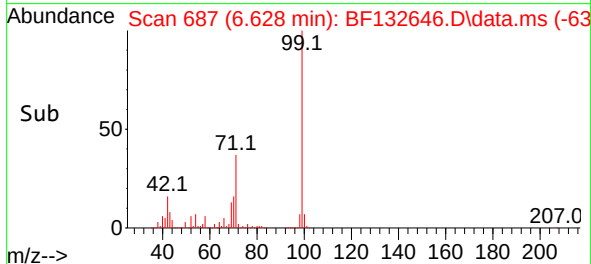
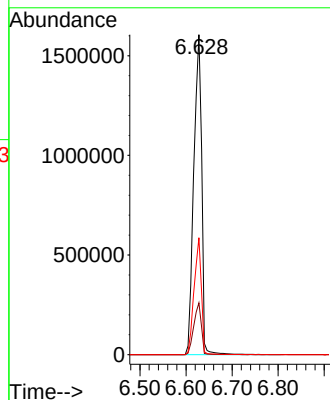
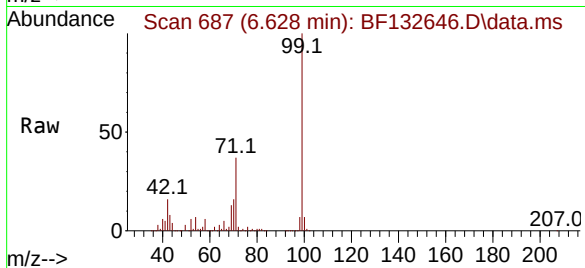




#7
Phenol-d6
Concen: 121.550 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

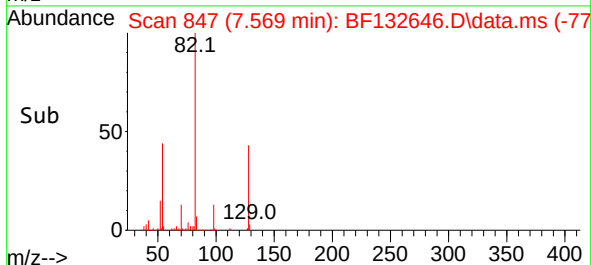
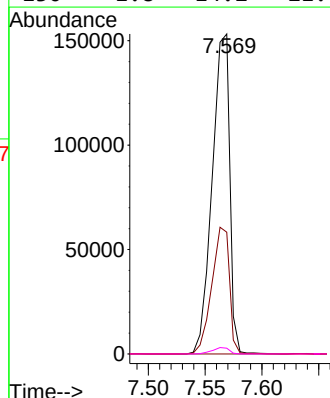
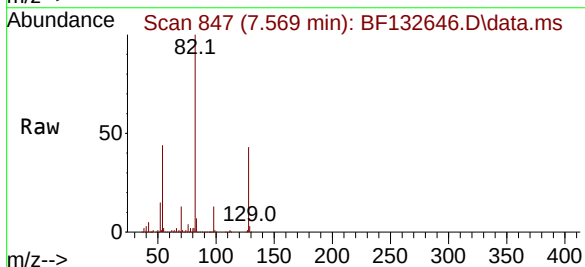
Instrument :
BNA_F
ClientSampleId :
PB151166TB

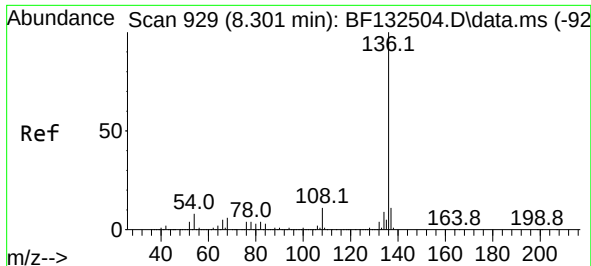
Tgt Ion: 99 Resp: 1903893
Ion Ratio Lower Upper
99 100
42 16.2 13.9 20.9
71 36.5 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.061 ng
RT: 7.569 min Scan# 847
Delta R.T. 0.150 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

Tgt Ion: 70 Resp: 164467
Ion Ratio Lower Upper
70 100
42 38.1 44.1 66.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.4#

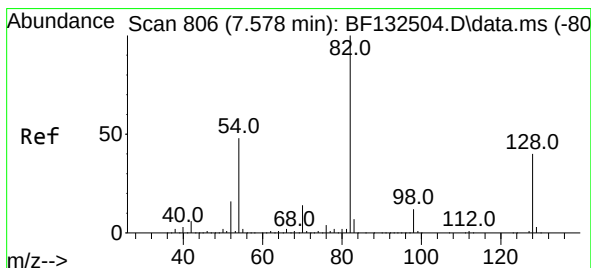
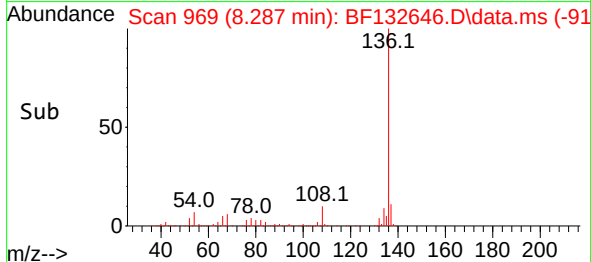
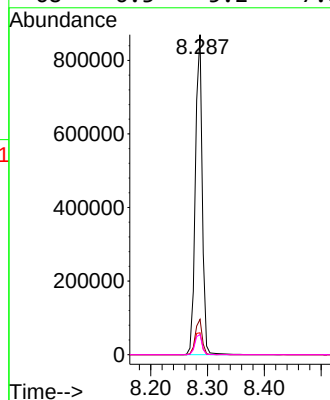
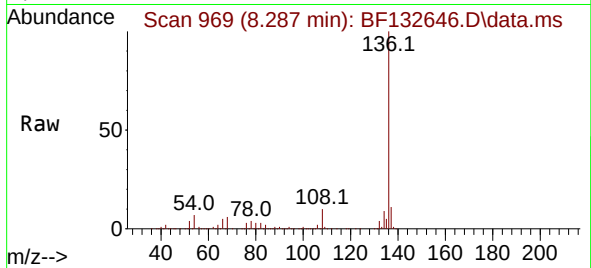




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 910
Delta R.T. -0.003 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

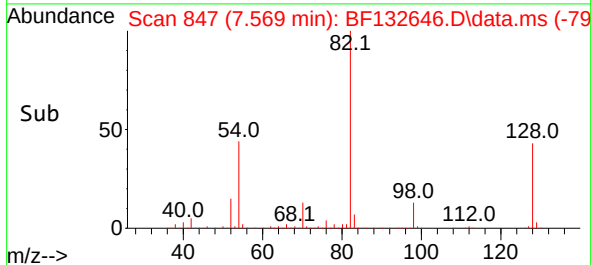
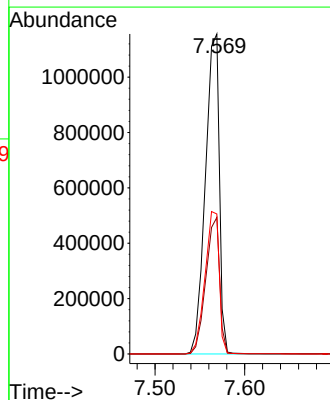
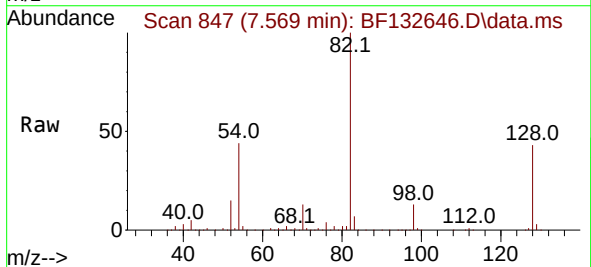
Instrument :
BNA_F
ClientSampleId :
PB151166TB

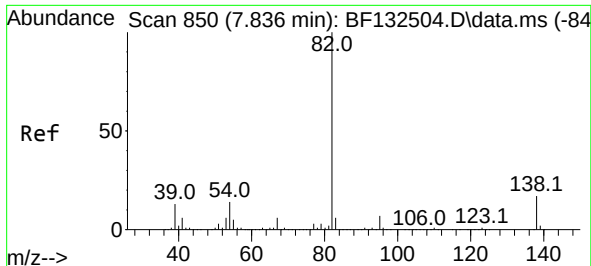
Tgt Ion:136 Resp: 733429
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.8 6.2 9.4
68 6.3 5.2 7.8



#23
Nitrobenzene-d5
Concen: 80.783 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.003 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

Tgt Ion: 82 Resp: 1248809
Ion Ratio Lower Upper
82 100
128 42.6 32.2 48.2
54 43.8 38.4 57.6

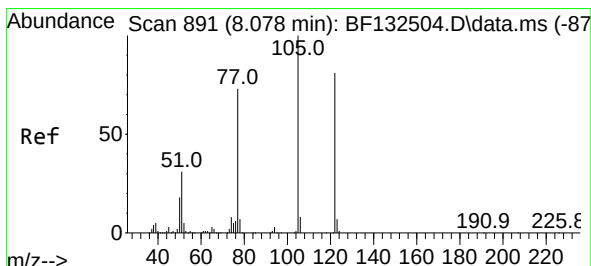
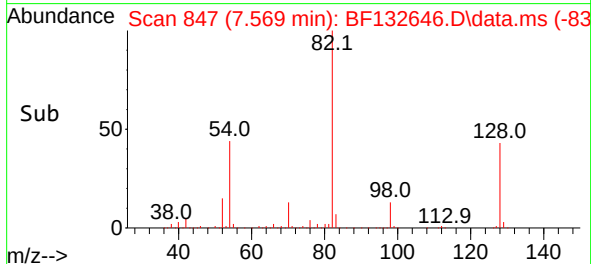
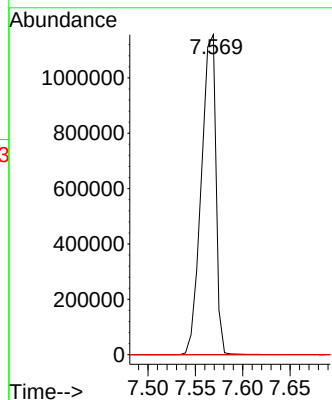
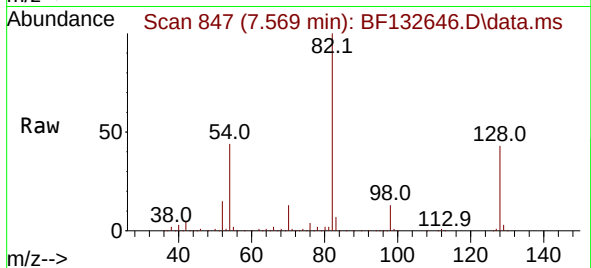




#25
Isophorone
Concen: 42.135 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.256 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

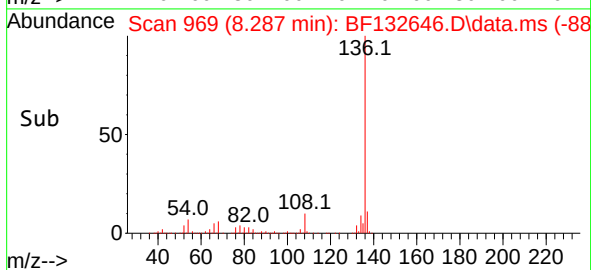
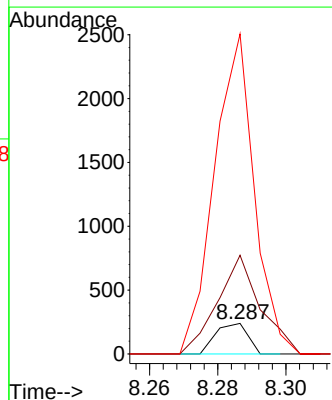
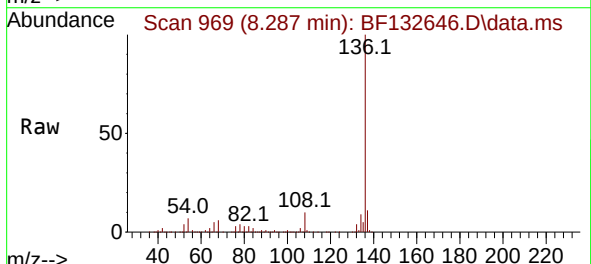
Instrument :
BNA_F
ClientSampleId :
PB151166TB

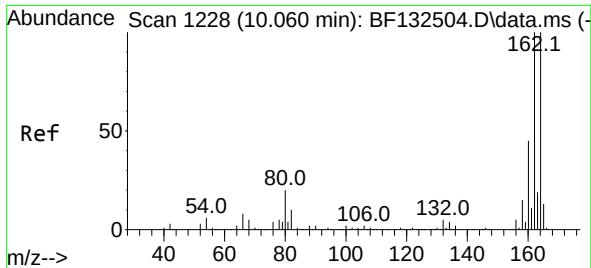
Tgt Ion: 82 Resp: 1248798
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.852 ng
RT: 8.287 min Scan# 969
Delta R.T. 0.221 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

Tgt Ion: 122 Resp: 157
Ion Ratio Lower Upper
122 100
105 323.4 102.6 142.6#
77 1048.5 70.2 110.2#

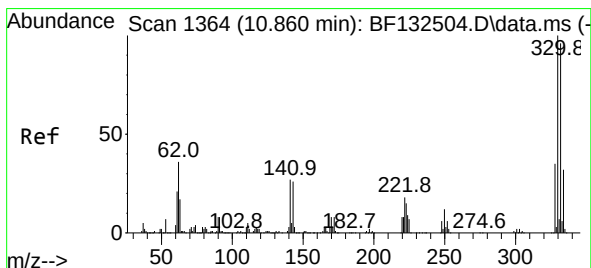
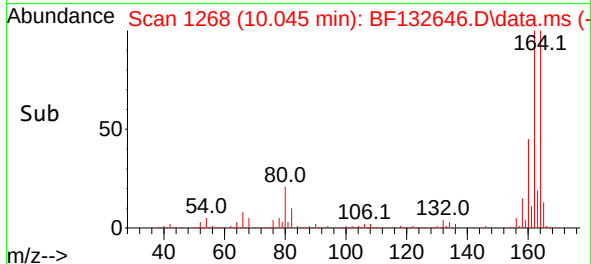
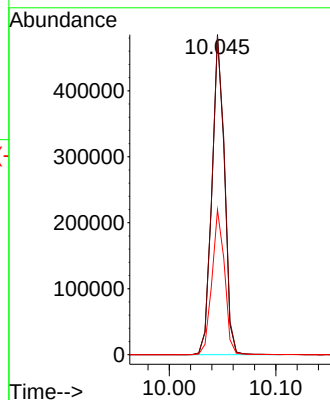
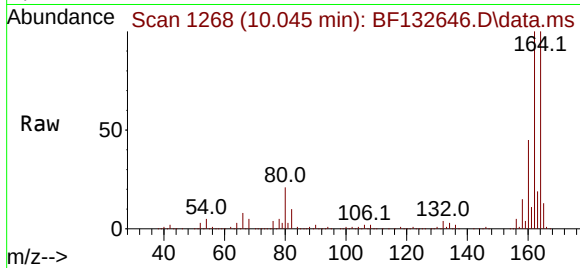




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

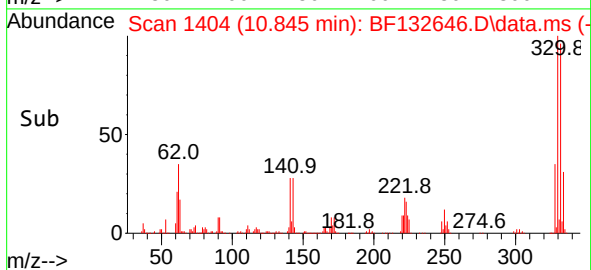
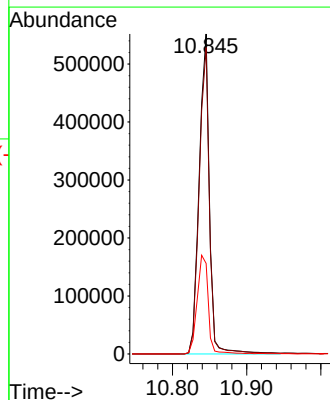
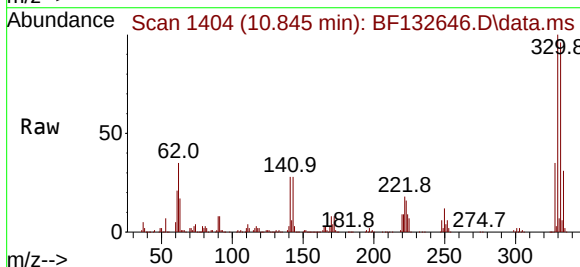
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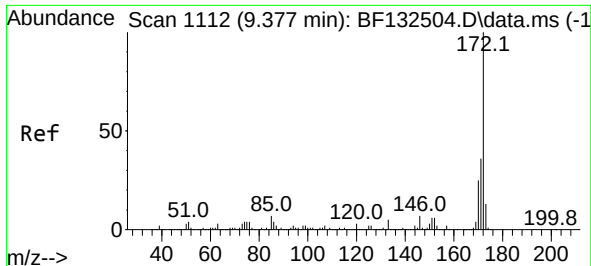
Tgt Ion:164 Resp: 395094
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 45.2 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 123.984 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

Tgt Ion:330 Resp: 529019
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 33.2 28.4 42.6

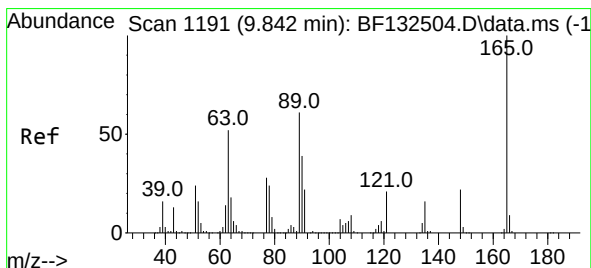
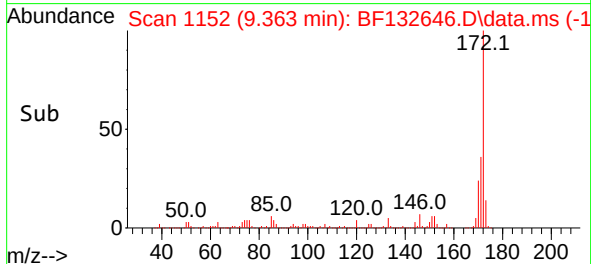
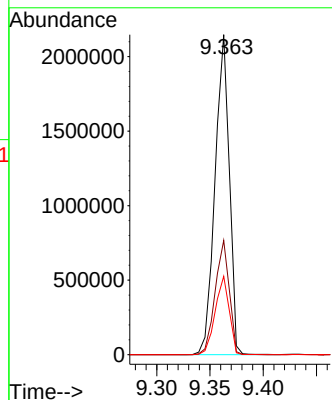
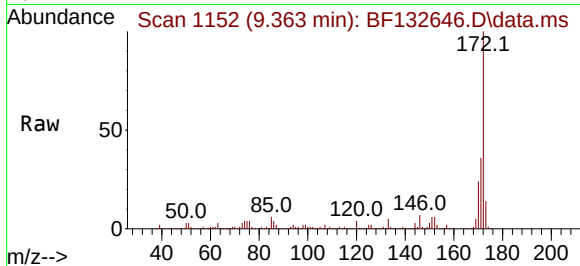




#45
2-Fluorobiphenyl
Concen: 76.869 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

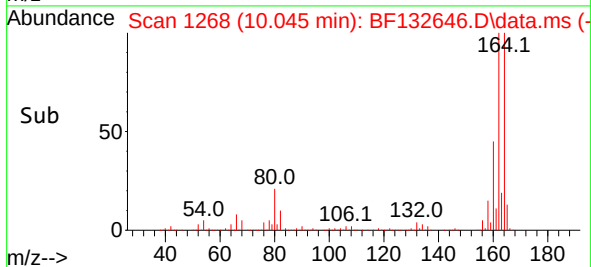
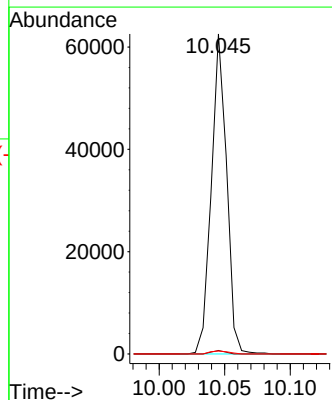
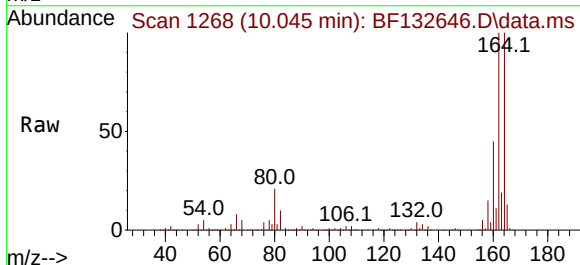
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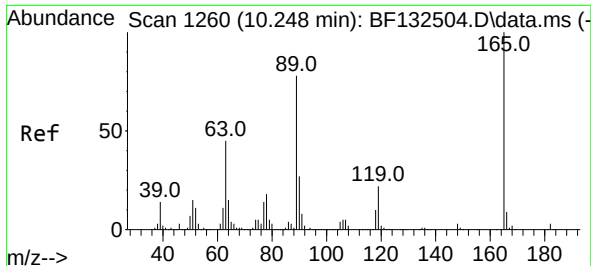
Tgt Ion:172 Resp: 1994563
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.5 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.749 ng
RT: 10.045 min Scan# 1268
Delta R.T. 0.209 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

Tgt Ion:165 Resp: 50771
Ion Ratio Lower Upper
165 100
63 1.1 47.3 70.9#
89 0.9 48.9 73.3#

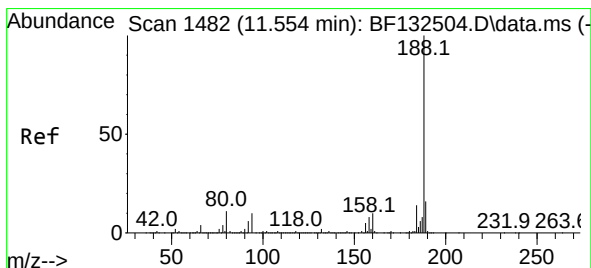
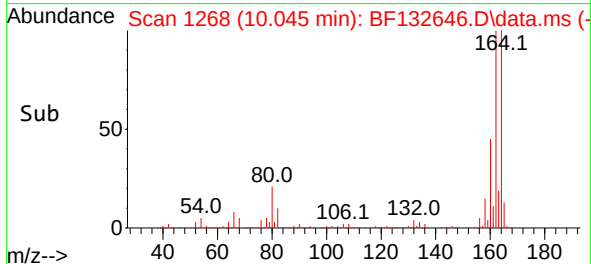
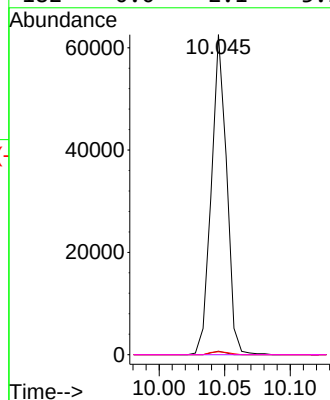
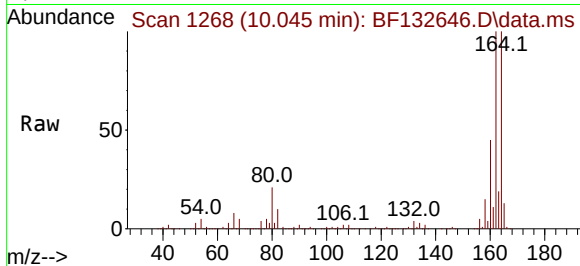




#57
2,4-Dinitrotoluene
Concen: 5.825 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.197 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

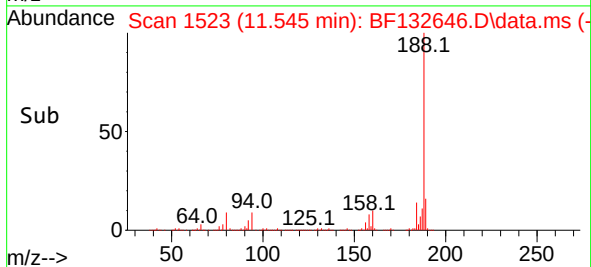
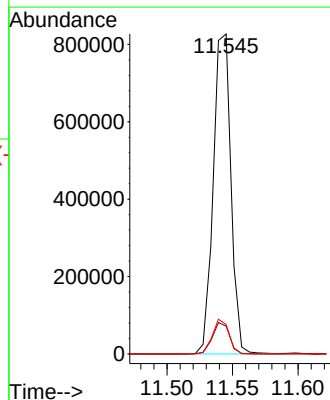
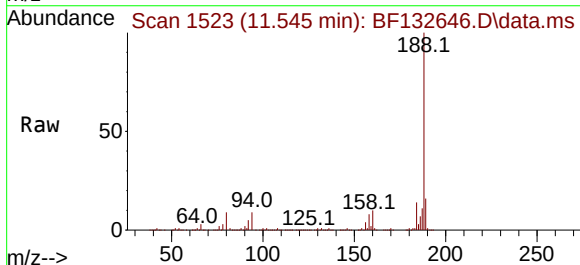
Instrument :
BNA_F
ClientSampleId :
PB151166TB

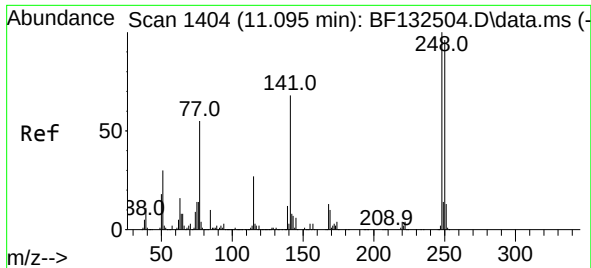
Tgt Ion:165	Resp:	50771
Ion Ratio	Lower	Upper
165	100	
63	1.1	36.5 54.7#
89	0.9	62.4 93.6#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

Tgt Ion:188	Resp:	774750
Ion Ratio	Lower	Upper
188	100	
94	8.7	8.3 12.5
80	9.2	8.7 13.1

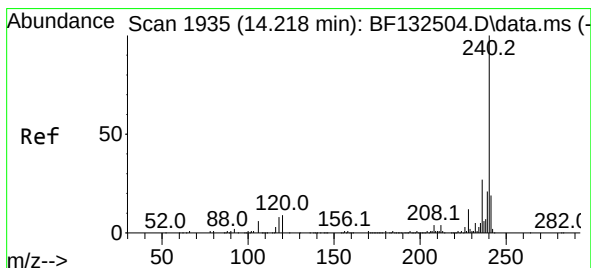
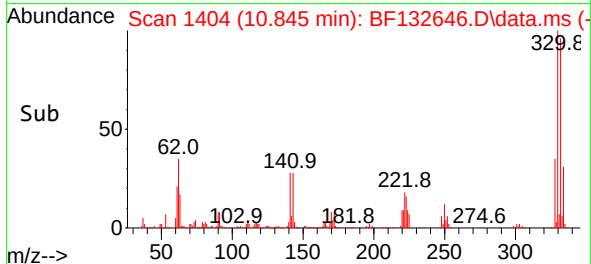
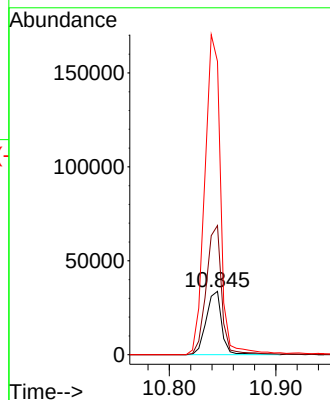
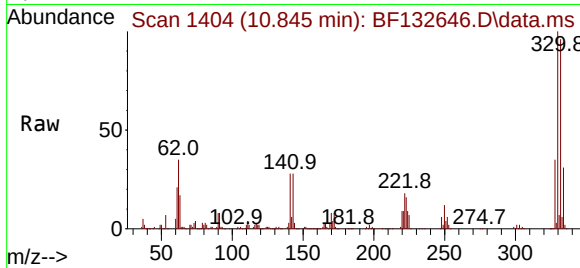




#67
4-Bromophenyl-phenylether
Concen: 3.921 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.244 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

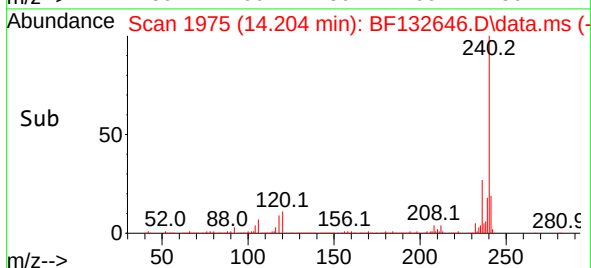
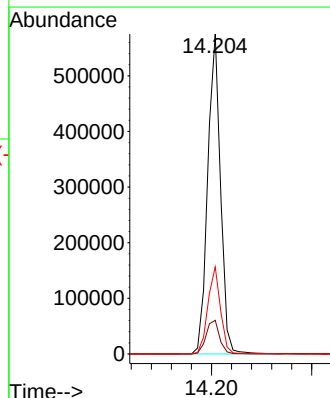
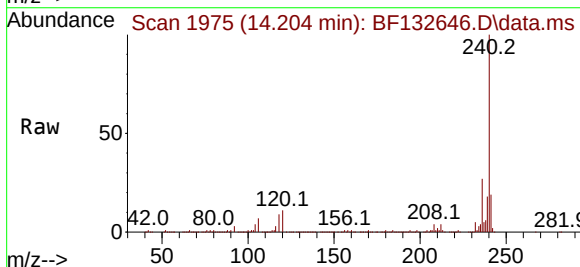
Instrument :
BNA_F
ClientSampleId :
PB151166TB

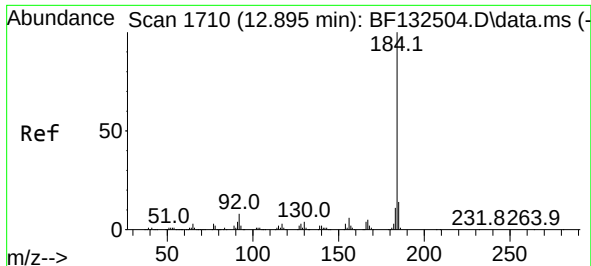
Tgt Ion:248 Resp: 34361
Ion Ratio Lower Upper
248 100
250 204.1 77.0 115.4#
141 463.3 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

Tgt Ion:240 Resp: 512377
Ion Ratio Lower Upper
240 100
120 10.5 7.2 10.8
236 27.2 21.8 32.6

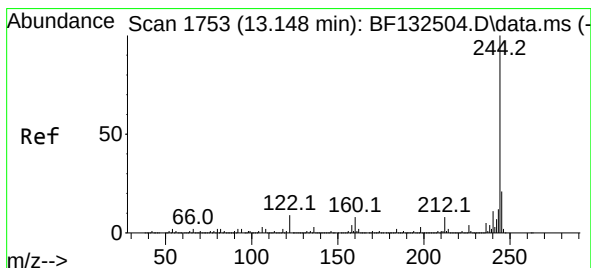
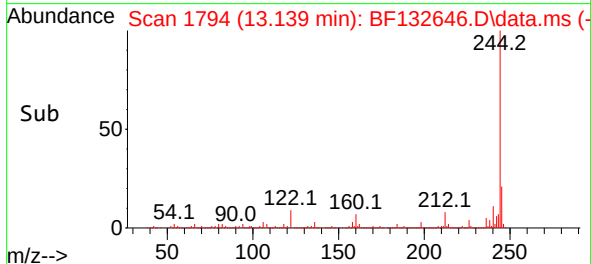
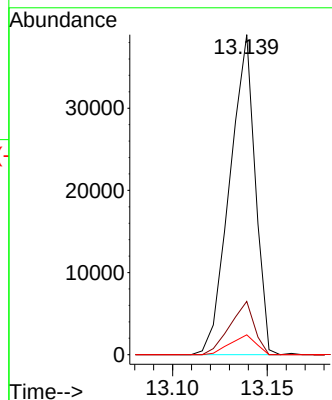
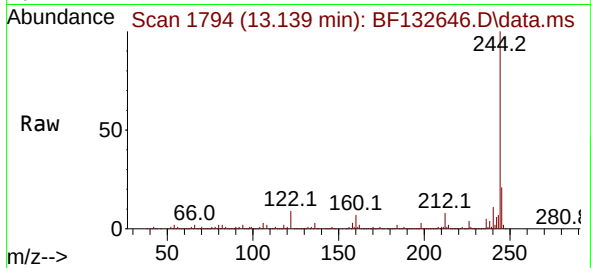




#77
Benzidine
Concen: 2.915 ng
RT: 13.139 min Scan# 1794
Delta R.T. 0.256 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

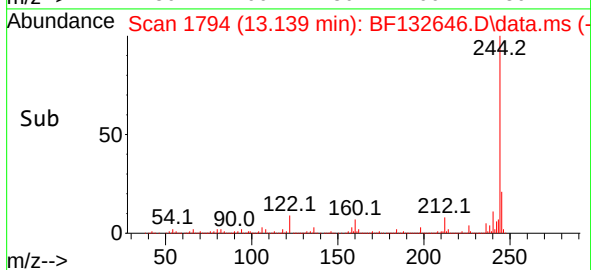
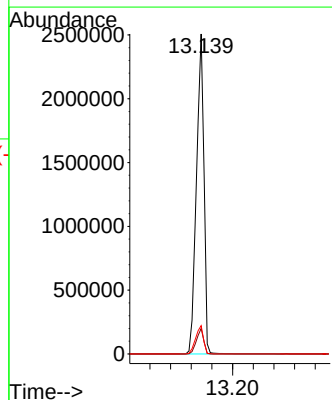
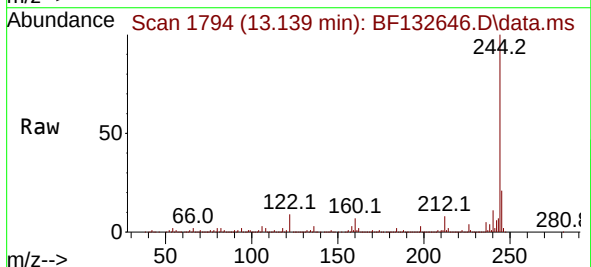
Instrument :
BNA_F
ClientSampleId :
PB151166TB

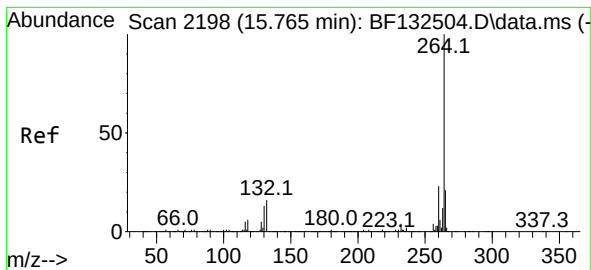
Tgt Ion:184 Resp: 36356
Ion Ratio Lower Upper
184 100
185 16.7 11.7 17.5
183 6.2 8.7 13.1#



#79
Terphenyl-d14
Concen: 83.100 ng
RT: 13.139 min Scan# 1794
Delta R.T. -0.003 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

Tgt Ion:244 Resp: 2518342
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 8.8 7.5 11.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.757 min Scan# 21

Delta R.T. 0.003 min

Lab File: BF132646.D

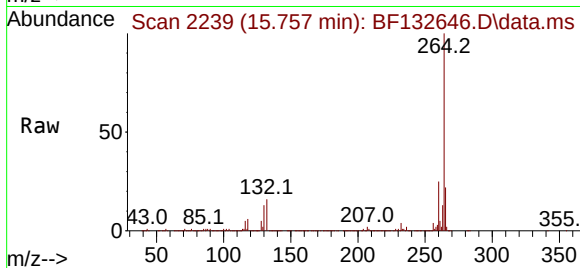
Acq: 06 Mar 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB151166TB



Tgt Ion:264 Resp: 430001

Ion Ratio Lower Upper

264 100

260 24.8 18.8 28.2

265 21.6 17.1 25.7

