

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132645.D
 Acq On : 06 Mar 2023 12:31
 Operator : CG\JU
 Sample : PB151233BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151233BL

Quant Time: Mar 07 00:53:04 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)

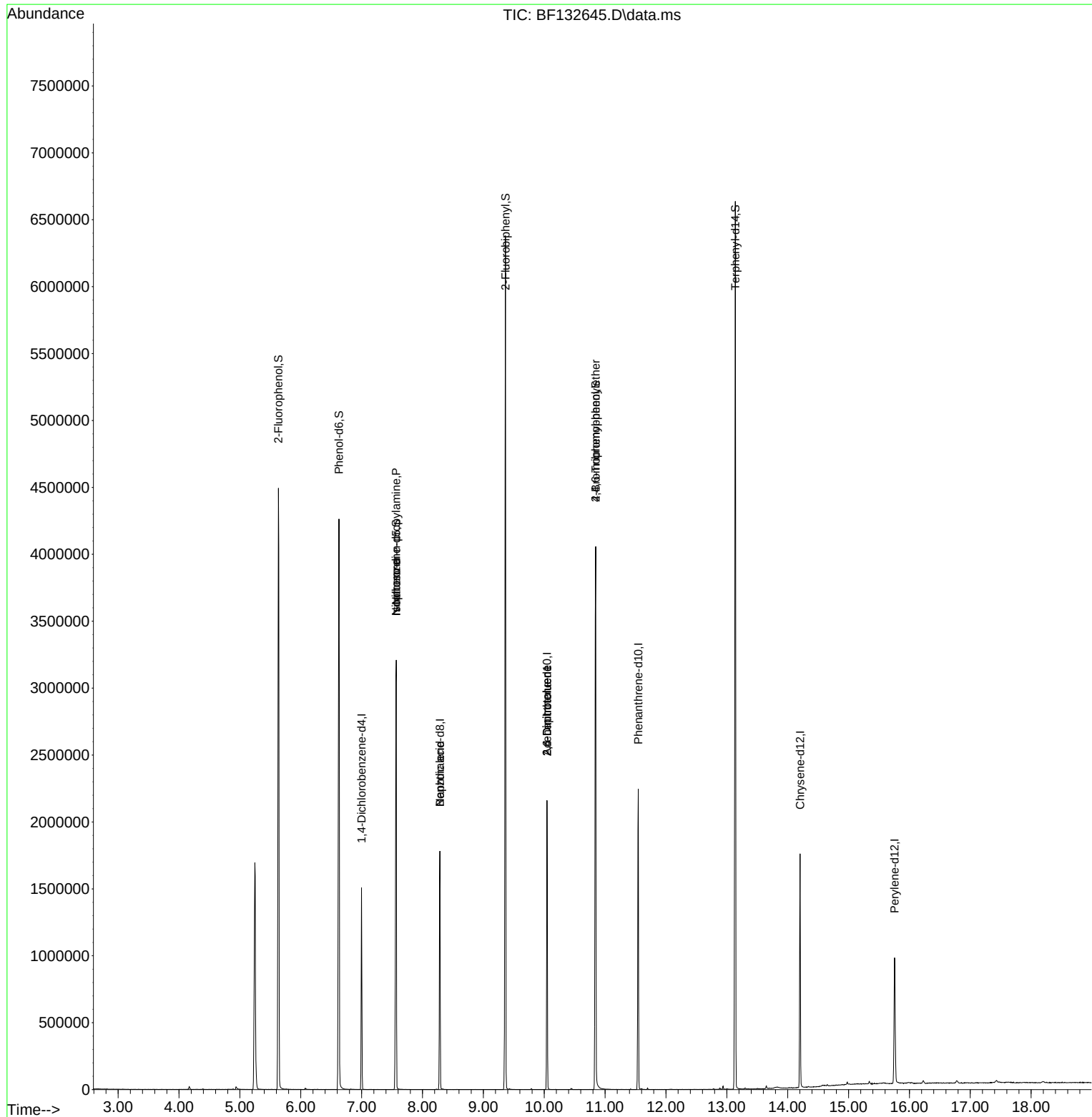
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	205526	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	766079	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	424400	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	842342	20.000	ng	0.00
76) Chrysene-d12	14.204	240	568908	20.000	ng	0.00
86) Perylene-d12	15.757	264	471050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1449379	114.453	ng	0.00
7) Phenol-d6	6.628	99	1880059	113.756	ng	0.00
23) Nitrobenzene-d5	7.569	82	1236970	76.607	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	540978	118.031	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	2023875	72.613	ng	0.00
79) Terphenyl-d14	13.139	244	2557165	75.997	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.569	70	163184	16.043	ng	# 74
25) Isophorone	7.569	82	1235230	39.901	ng	# 67
32) Benzoic acid	8.287	122	280	3.863	ng	# 1
51) 2,6-Dinitrotoluene	10.045	165	54514	7.746	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	54514	5.823	ng	# 21
67) 4-Bromophenyl-phenylether	10.845	248	36252	3.805	ng	# 1

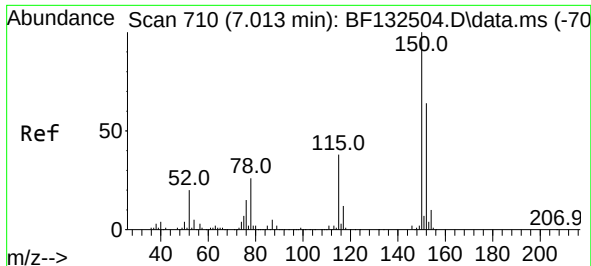
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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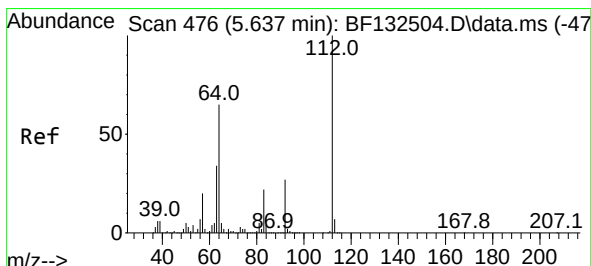
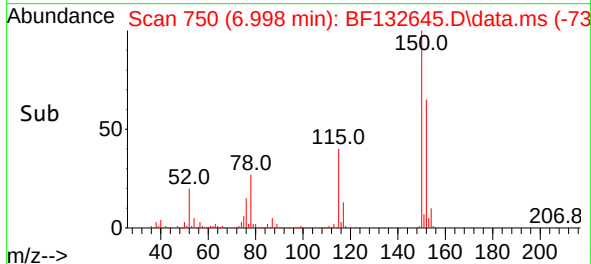
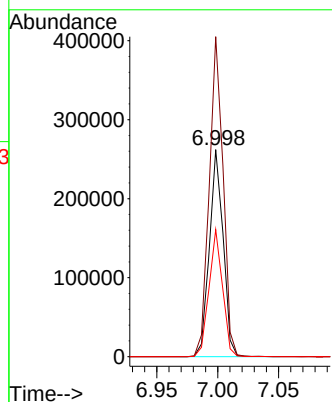
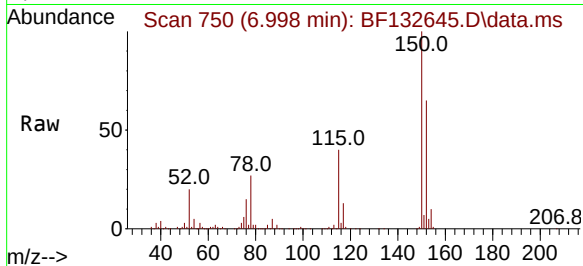




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132645.D
Acq: 06 Mar 2023 12:31

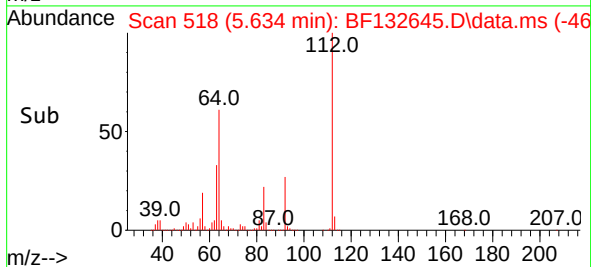
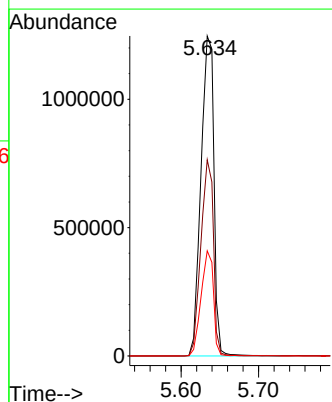
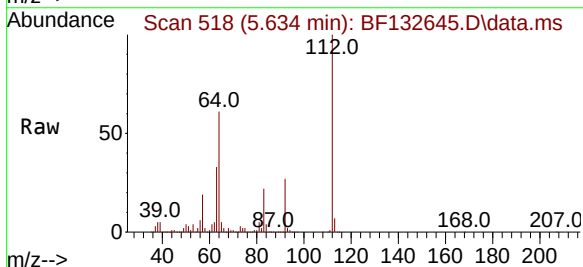
Instrument :
BNA_F
ClientSampleId :
PB151233BL

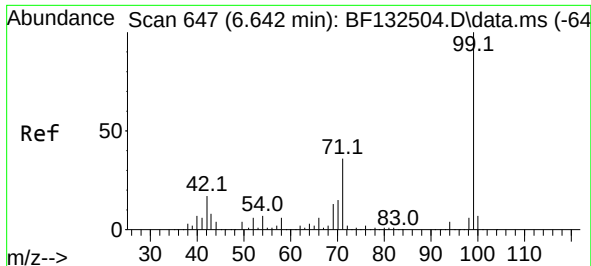
Tgt Ion:152 Resp: 205526
Ion Ratio Lower Upper
152 100
150 154.5 125.4 188.2
115 61.4 47.8 71.6



#5
2-Fluorophenol
Concen: 114.453 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132645.D
Acq: 06 Mar 2023 12:31

Tgt Ion:112 Resp: 1449379
Ion Ratio Lower Upper
112 100
64 61.3 51.6 77.4
63 32.8 27.4 41.2

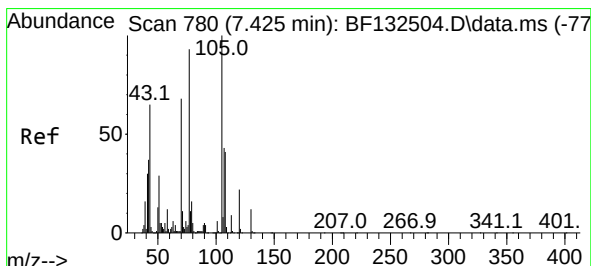
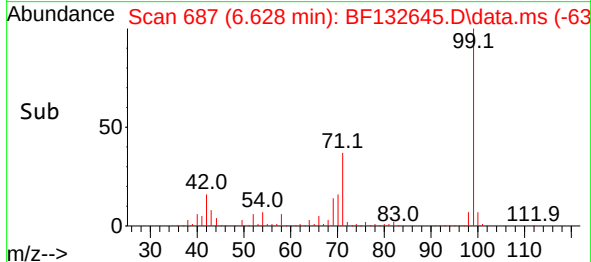
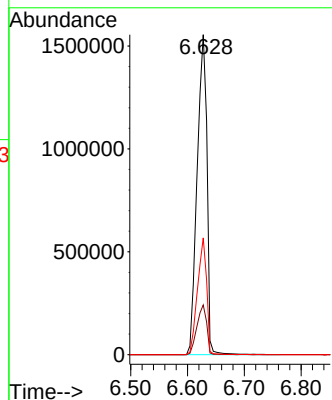
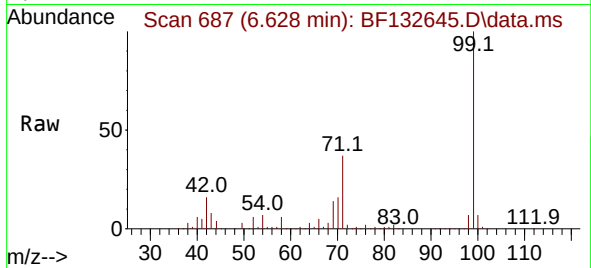




#7
Phenol-d6
Concen: 113.756 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132645.D
Acq: 06 Mar 2023 12:31

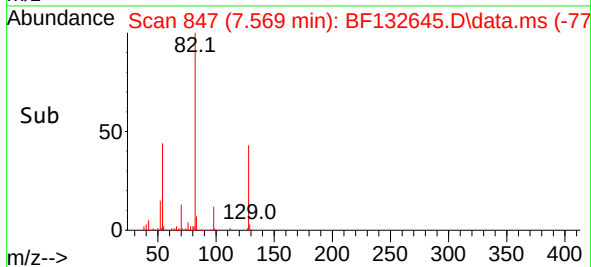
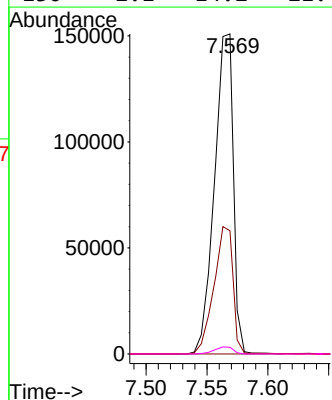
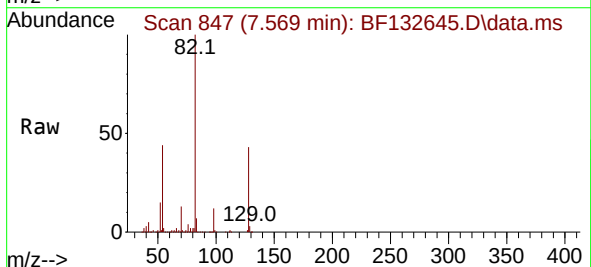
Instrument :
BNA_F
ClientSampleId :
PB151233BL

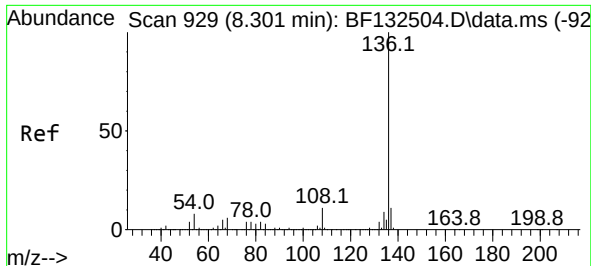
Tgt Ion: 99 Resp: 1880059
Ion Ratio Lower Upper
99 100
42 15.5 13.9 20.9
71 36.5 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.043 ng
RT: 7.569 min Scan# 847
Delta R.T. 0.150 min
Lab File: BF132645.D
Acq: 06 Mar 2023 12:31

Tgt Ion: 70 Resp: 163184
Ion Ratio Lower Upper
70 100
42 38.5 44.1 66.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#

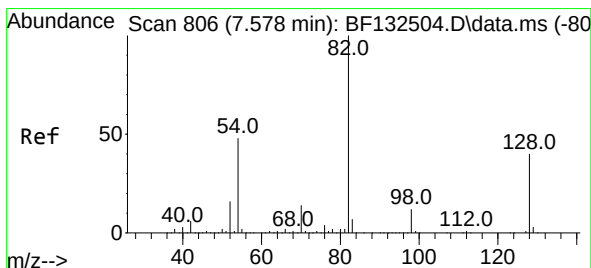
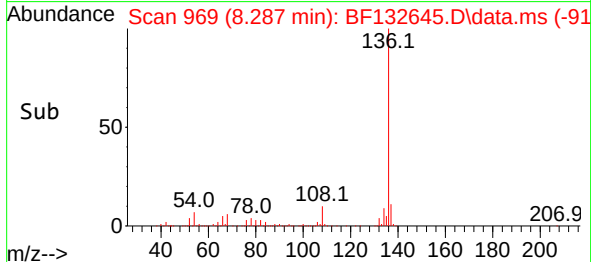
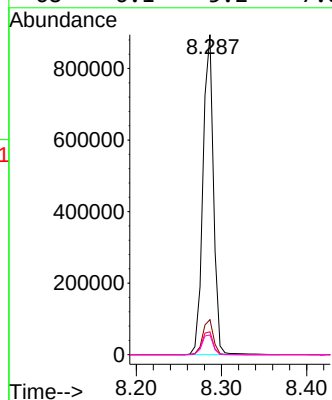
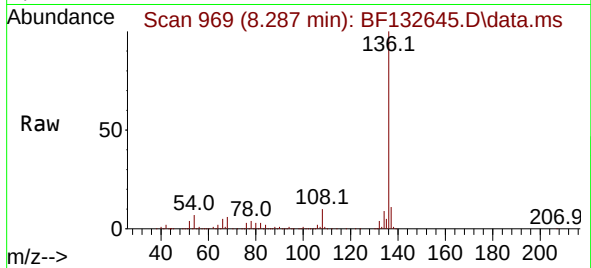




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 910
Delta R.T. -0.003 min
Lab File: BF132645.D
Acq: 06 Mar 2023 12:31

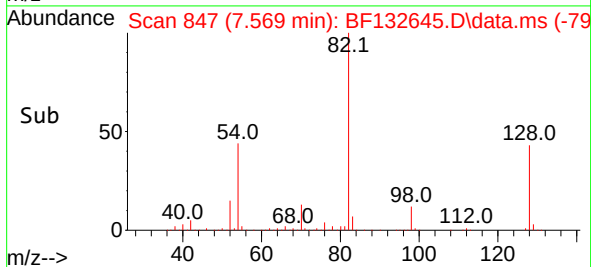
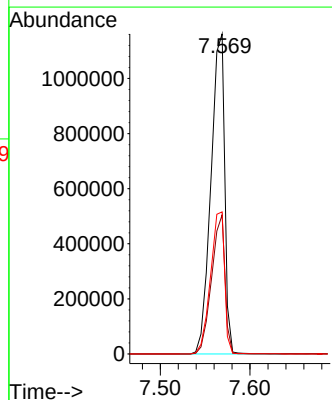
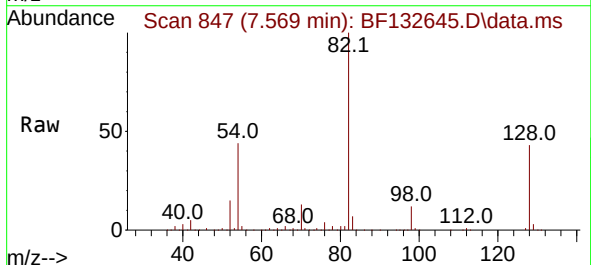
Instrument :
BNA_F
ClientSampleId :
PB151233BL

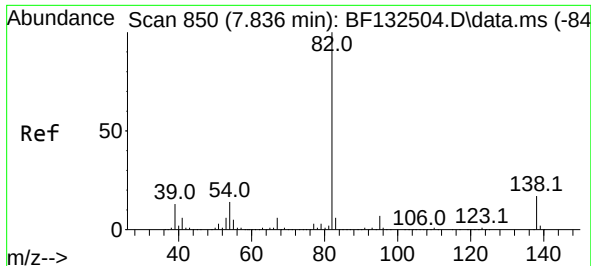
Tgt Ion:136 Resp: 766079
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.2 6.2 9.4
68 6.1 5.2 7.8



#23
Nitrobenzene-d5
Concen: 76.607 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.003 min
Lab File: BF132645.D
Acq: 06 Mar 2023 12:31

Tgt Ion: 82 Resp: 1236970
Ion Ratio Lower Upper
82 100
128 43.5 32.2 48.2
54 44.4 38.4 57.6

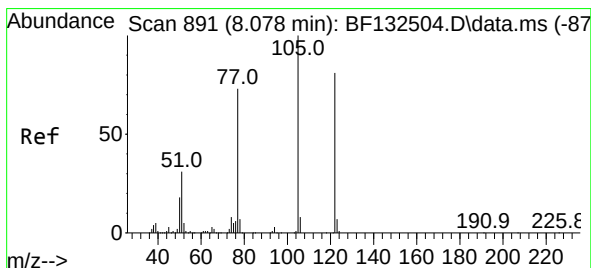
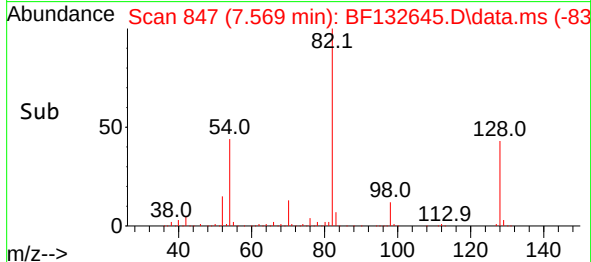
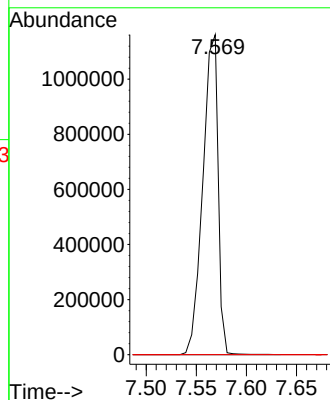
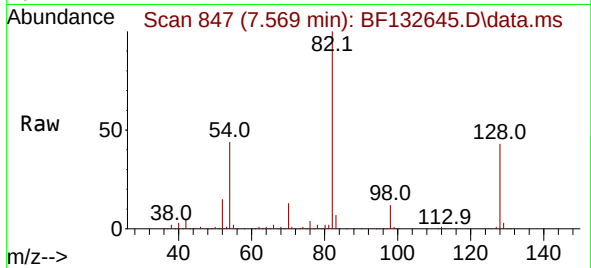




#25
Isophorone
Concen: 39.901 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.256 min
Lab File: BF132645.D
Acq: 06 Mar 2023 12:31

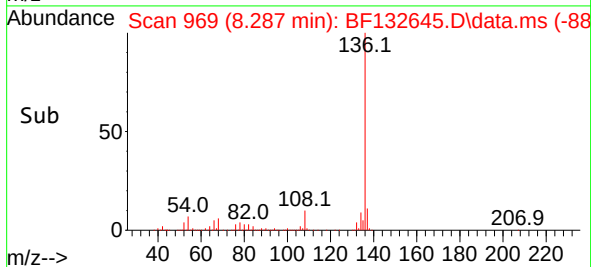
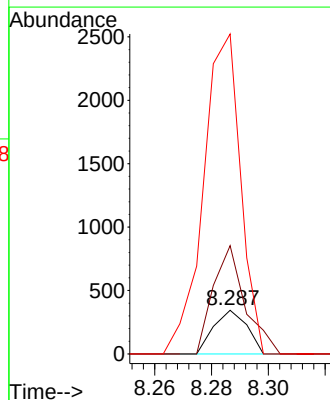
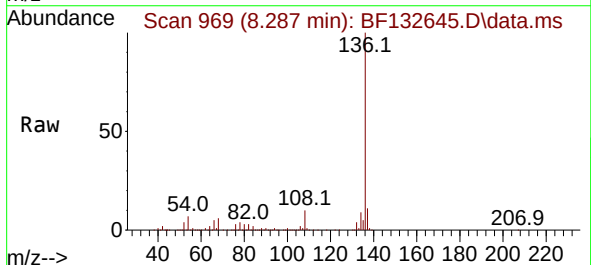
Instrument :
BNA_F
ClientSampleId :
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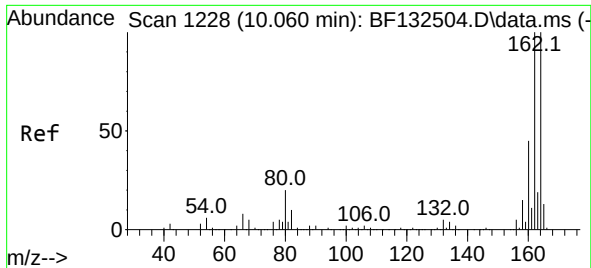
Tgt Ion: 82 Resp: 1235230
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.863 ng
RT: 8.287 min Scan# 969
Delta R.T. 0.221 min
Lab File: BF132645.D
Acq: 06 Mar 2023 12:31

Tgt Ion:122 Resp: 280
Ion Ratio Lower Upper
122 100
105 248.3 102.6 142.6#
77 733.4 70.2 110.2#

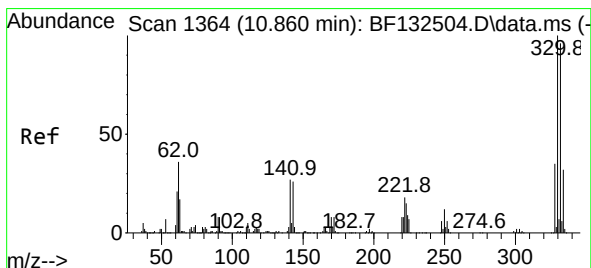
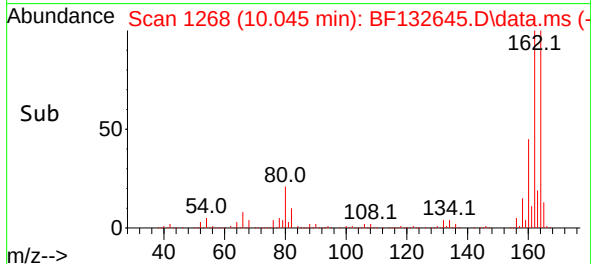
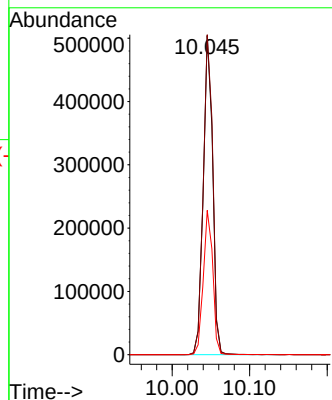
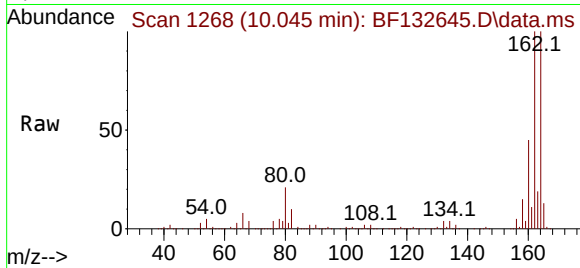




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 1404
Delta R.T. -0.009 min
Lab File: BF132645.D
Acq: 06 Mar 2023 12:31

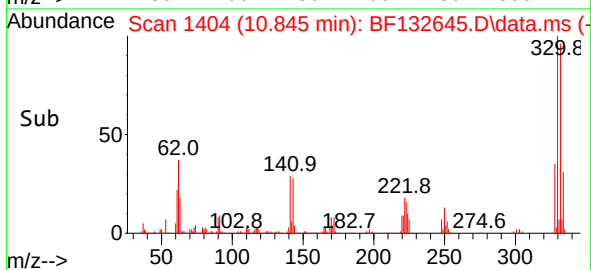
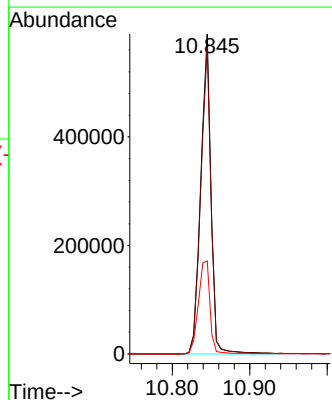
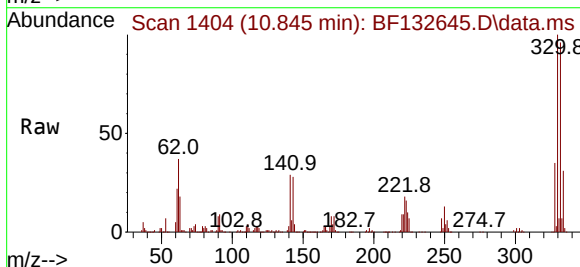
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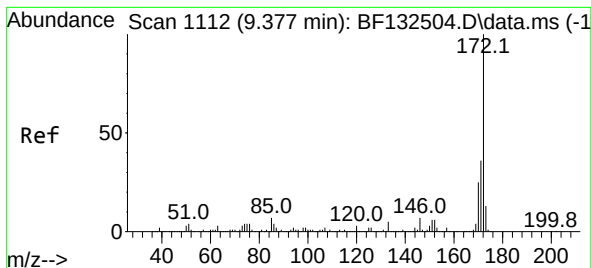
Tgt Ion:164 Resp: 424400
Ion Ratio Lower Upper
164 100
162 100.3 79.8 119.8
160 45.2 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 118.031 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132645.D
Acq: 06 Mar 2023 12:31

Tgt Ion:330 Resp: 540978
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 33.2 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 72.613 ng

RT: 9.363 min Scan# 1112

Delta R.T. -0.009 min

Lab File: BF132645.D

Acq: 06 Mar 2023 12:31

Instrument :

BNA_F

ClientSampleId :

PB151233BL

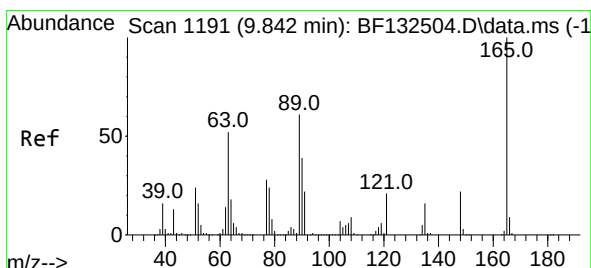
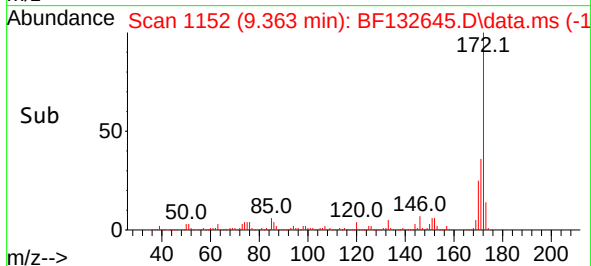
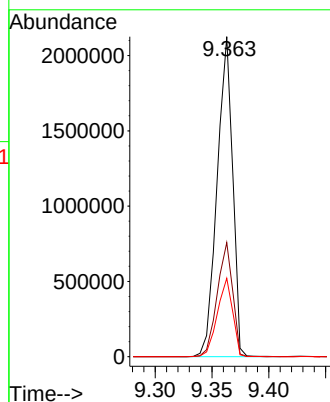
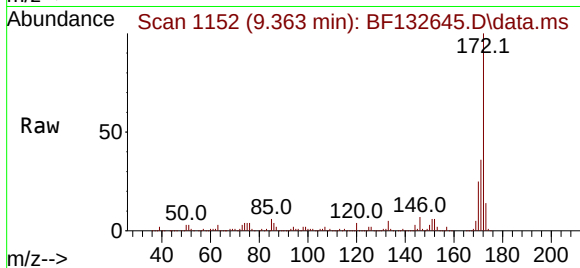
Tgt Ion:172 Resp: 2023875

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.5 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.746 ng

RT: 10.045 min Scan# 1268

Delta R.T. 0.209 min

Lab File: BF132645.D

Acq: 06 Mar 2023 12:31

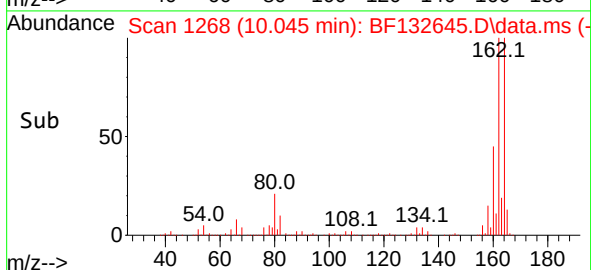
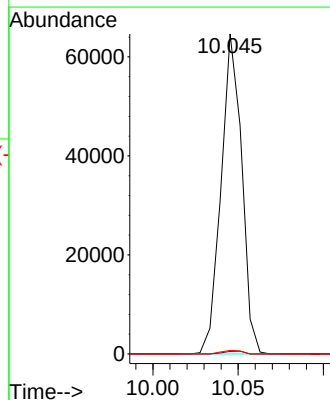
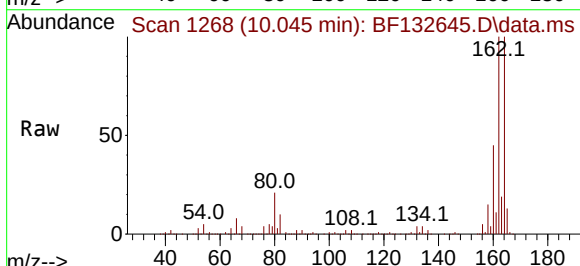
Tgt Ion:165 Resp: 54514

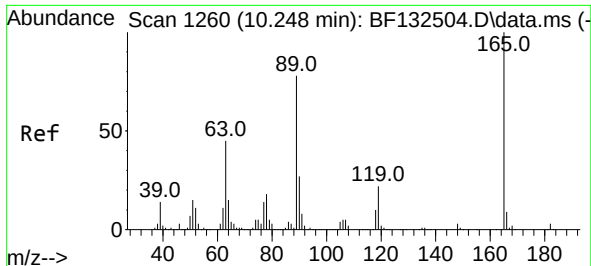
Ion Ratio Lower Upper

165 100

63 0.8 47.3 70.9#

89 1.1 48.9 73.3#

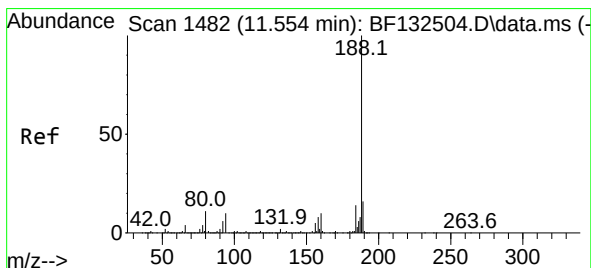
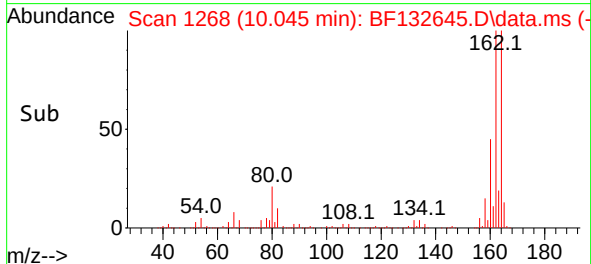
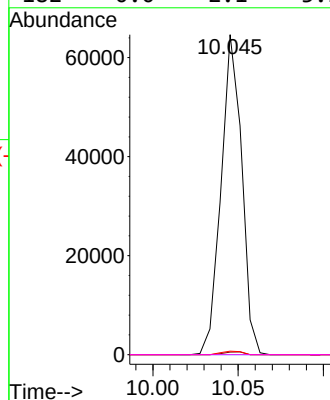
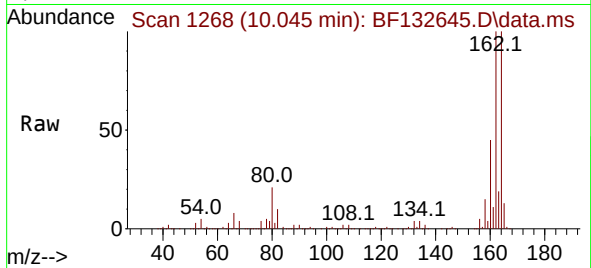




#57
2,4-Dinitrotoluene
Concen: 5.823 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.197 min
Lab File: BF132645.D
Acq: 06 Mar 2023 12:31

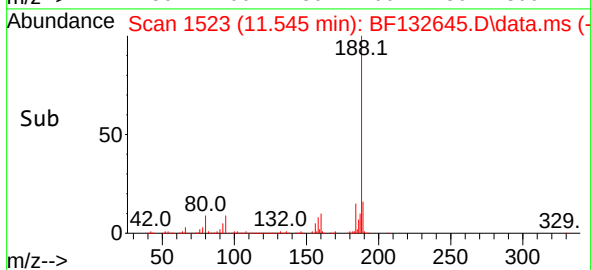
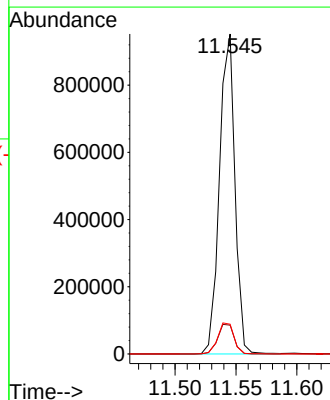
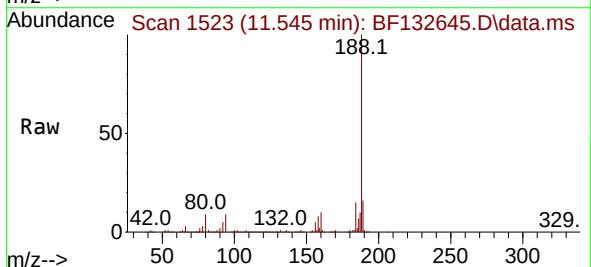
Instrument :
BNA_F
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PB151233BL

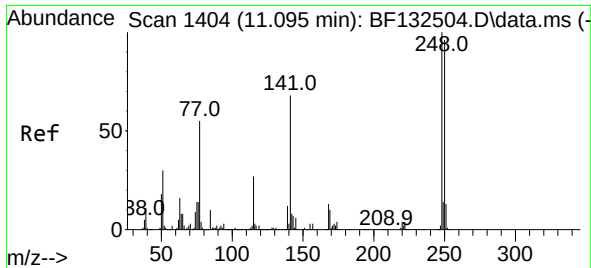
Tgt Ion:165 Resp: 54514
Ion Ratio Lower Upper
165 100
63 0.8 36.5 54.7#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132645.D
Acq: 06 Mar 2023 12:31

Tgt Ion:188 Resp: 842342
Ion Ratio Lower Upper
188 100
94 9.0 8.3 12.5
80 9.3 8.7 13.1

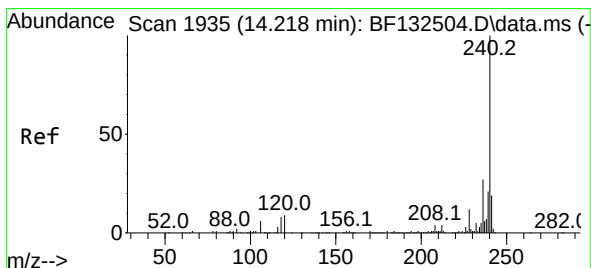
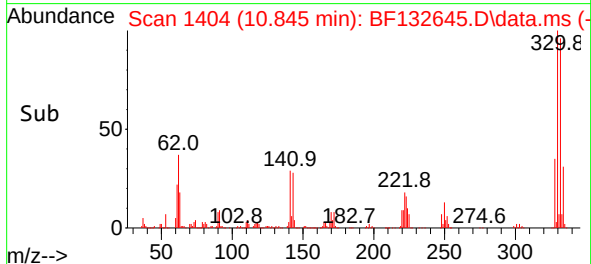
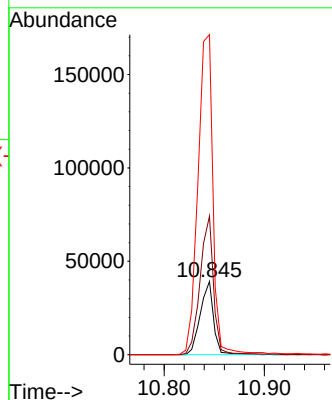
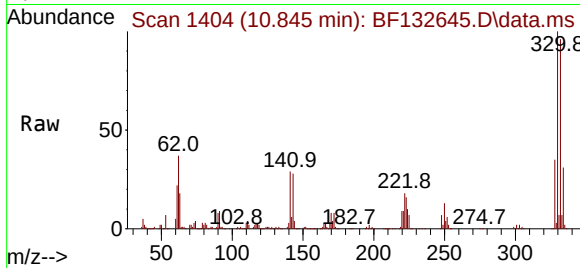




#67
4-Bromophenyl-phenylether
Concen: 3.805 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.244 min
Lab File: BF132645.D
Acq: 06 Mar 2023 12:31

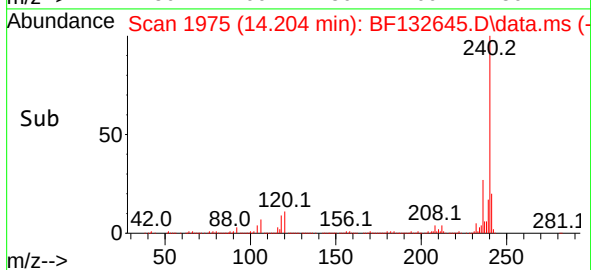
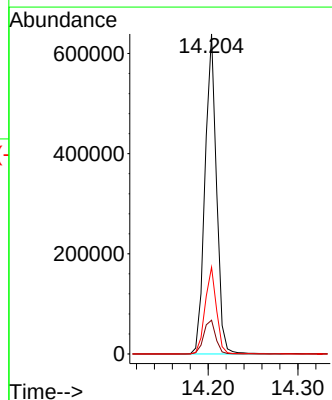
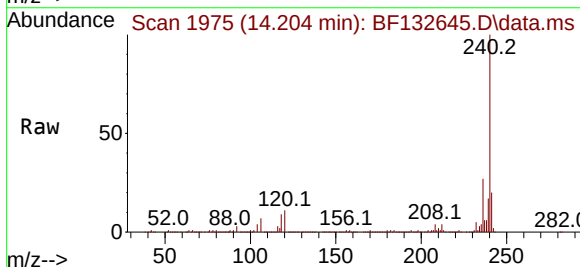
Instrument :
BNA_F
ClientSampleId :
PB151233BL

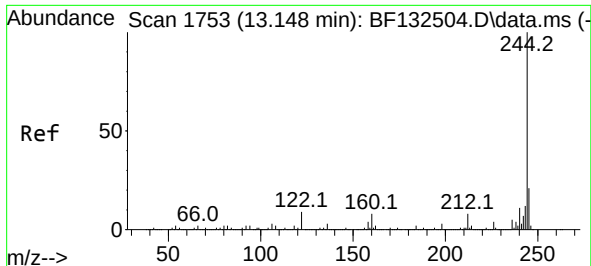
Tgt Ion:248 Resp: 36252
Ion Ratio Lower Upper
248 100
250 189.3 77.0 115.4#
141 437.0 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132645.D
Acq: 06 Mar 2023 12:31

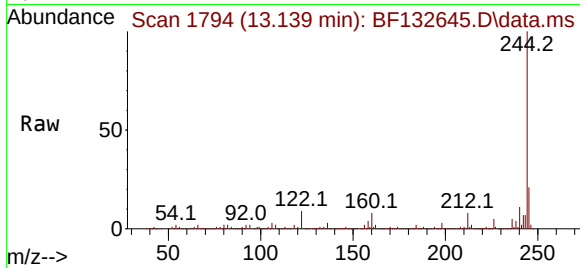
Tgt Ion:240 Resp: 568908
Ion Ratio Lower Upper
240 100
120 10.6 7.2 10.8
236 27.1 21.8 32.6



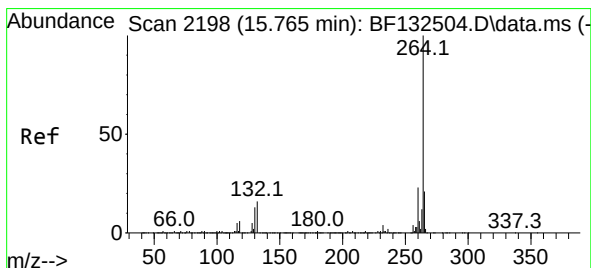
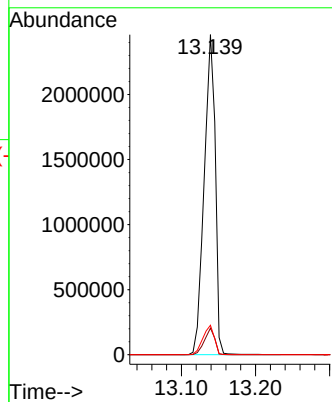
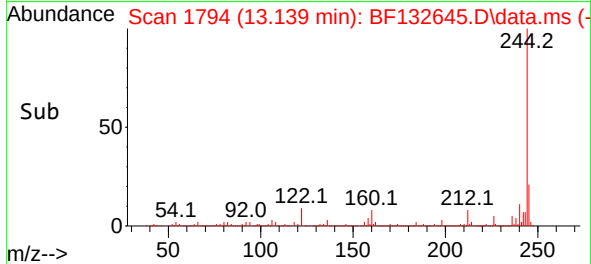


#79
 Terphenyl-d14
 Concen: 75.997 ng
 RT: 13.139 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132645.D
 Acq: 06 Mar 2023 12:31

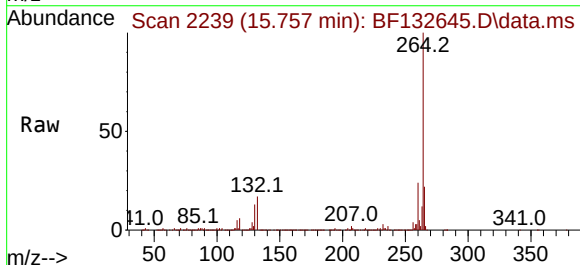
Instrument :
 BNA_F
 ClientSampleId :
 PB151233BL



Tgt Ion:244 Resp: 2557165
 Ion Ratio Lower Upper
 244 100
 212 8.3 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: BF132645.D
 Acq: 06 Mar 2023 12:31



Tgt Ion:264 Resp: 471050
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 22.1 17.1 25.7

