

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
 Data File : BF132572.D
 Acq On : 28 Feb 2023 15:12
 Operator : CG\JU
 Sample : 01683-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20230223

Quant Time: Feb 28 15:34:48 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)

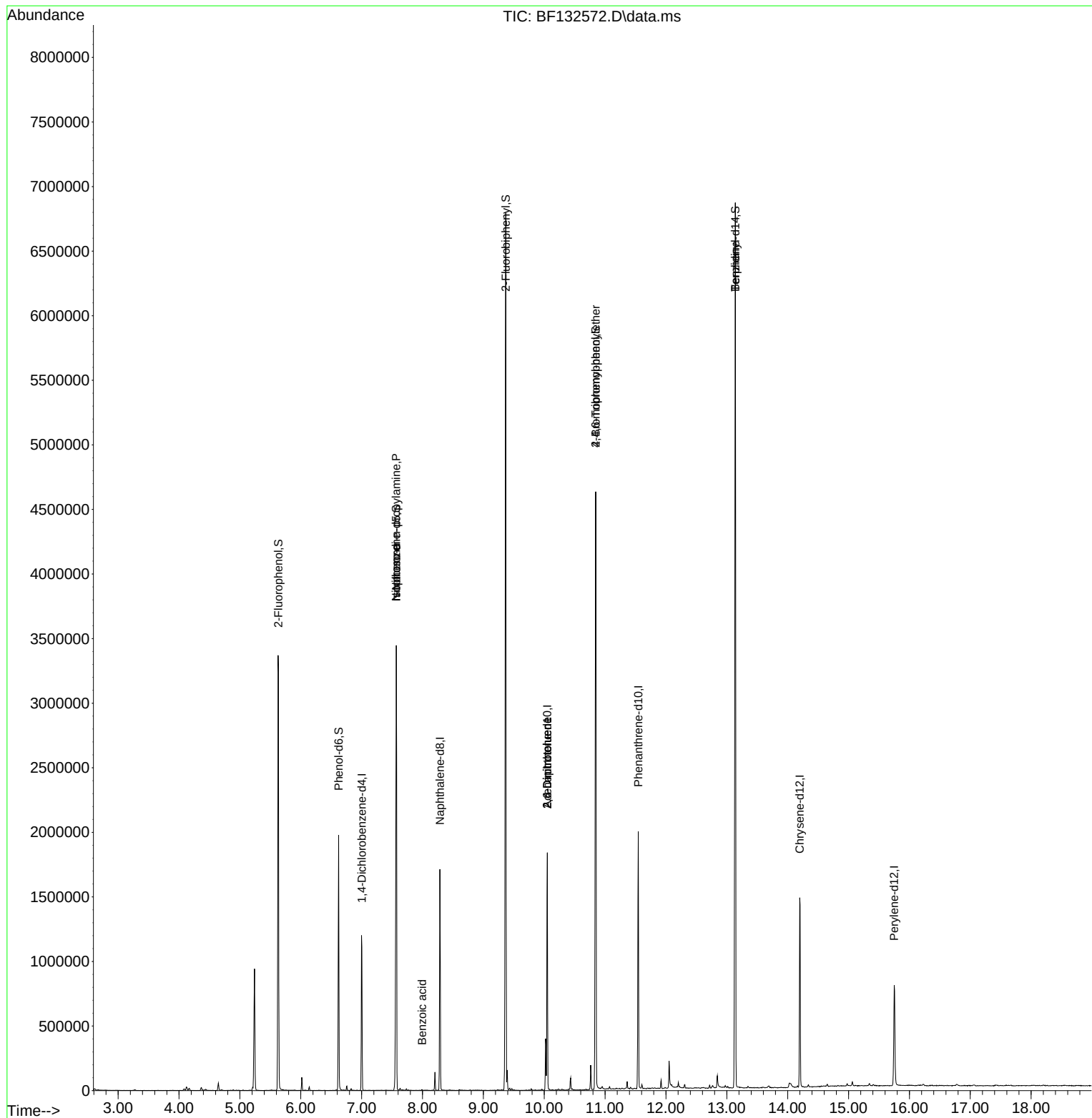
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	175699	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	650957	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	359030	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	720652	20.000	ng	0.00
76) Chrysene-d12	14.198	240	527678	20.000	ng	0.00
86) Perylene-d12	15.751	264	401167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	987131	91.183	ng	0.00
7) Phenol-d6	6.622	99	574929	40.693	ng	-0.01
23) Nitrobenzene-d5	7.569	82	1313304	95.719	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	609101	157.091	ng	0.00
45) 2-Fluorobiphenyl	9.369	172	2114858	89.692	ng	0.00
79) Terphenyl-d14	13.139	244	2592050	83.052	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.569	70	180661	20.777	ng	# 78
25) Isophorone	7.569	82	1313273	49.924	ng	# 67
32) Benzoic acid	7.992	122	389	3.880	ng	# 66
51) 2,6-Dinitrotoluene	10.051	165	45935	7.716	ng	# 23
57) 2,4-Dinitrotoluene	10.051	165	45935	5.800	ng	# 21
67) 4-Bromophenyl-phenylether	10.845	248	40101	4.919	ng	# 1
77) Benzidine	13.139	184	39323	3.061	ng	# 91

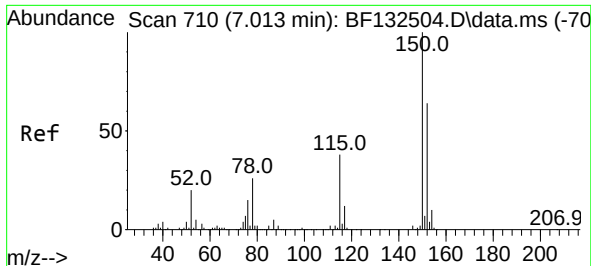
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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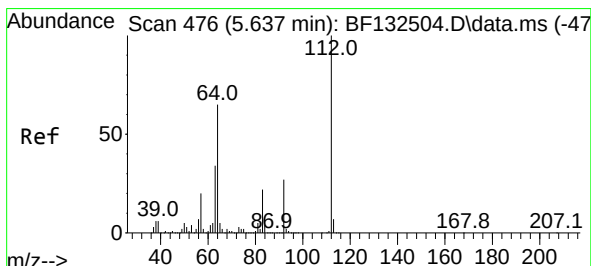
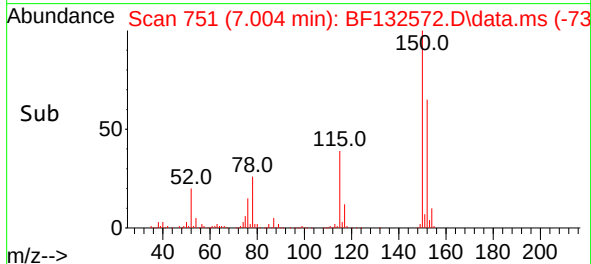
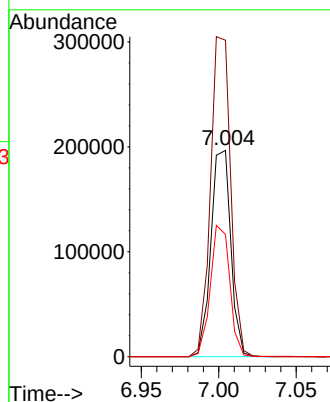
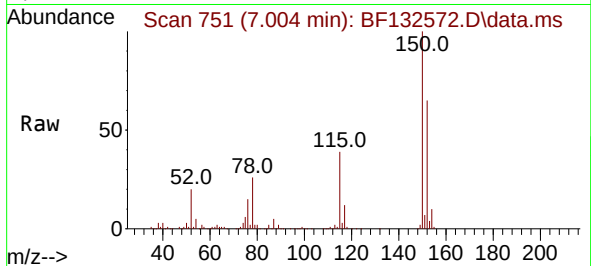




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 710
Delta R.T. -0.003 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

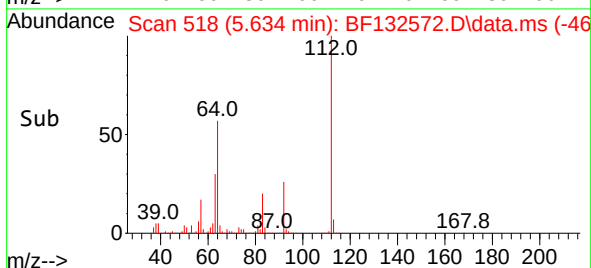
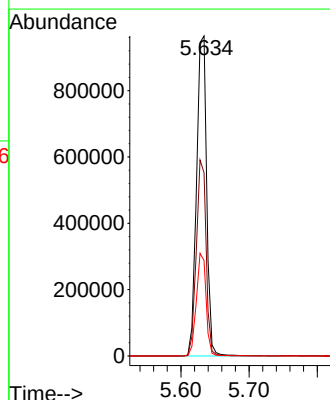
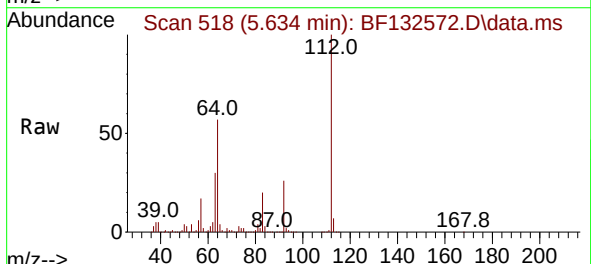
Instrument :
BNA_F
ClientSampleId :
SP-303-20230223

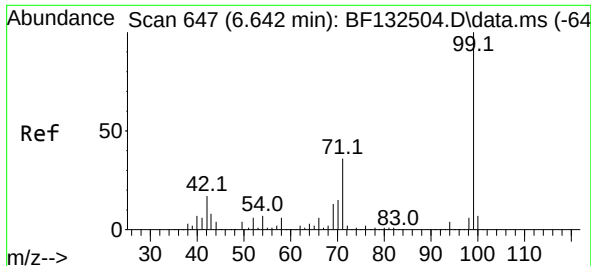
Tgt Ion:152 Resp: 175699
Ion Ratio Lower Upper
152 100
150 153.4 125.4 188.2
115 59.3 47.8 71.6



#5
2-Fluorophenol
Concen: 91.183 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

Tgt Ion:112 Resp: 987131
Ion Ratio Lower Upper
112 100
64 57.2 51.6 77.4
63 29.9 27.4 41.2

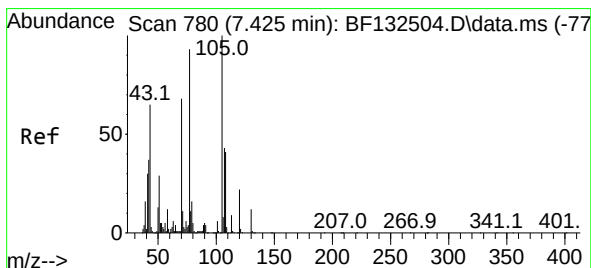
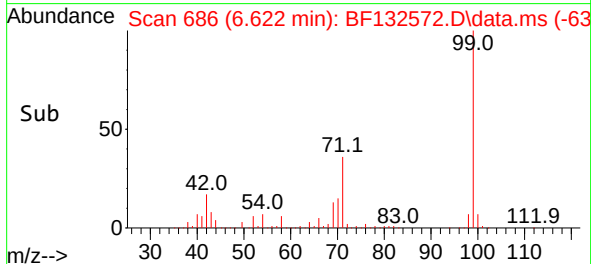
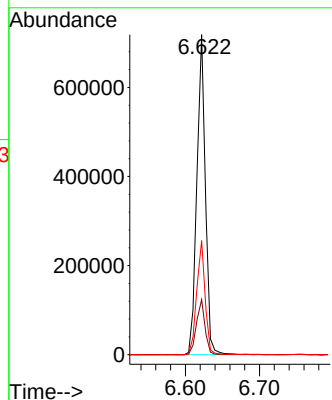
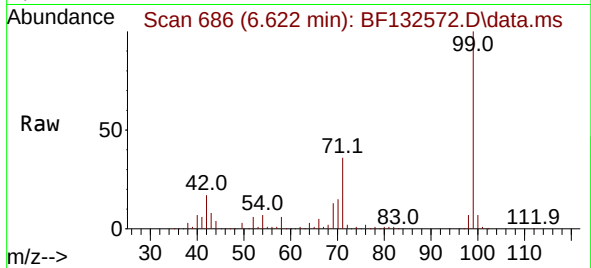




#7
Phenol-d6
Concen: 40.693 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.015 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

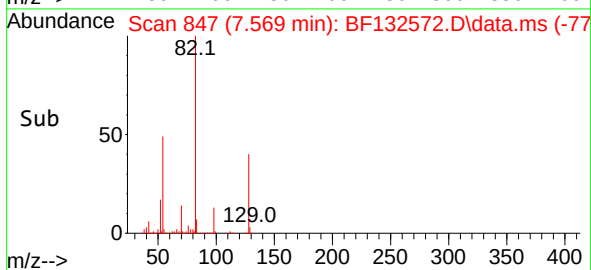
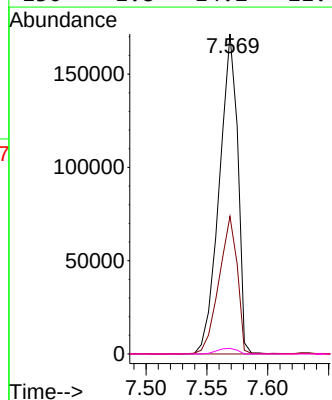
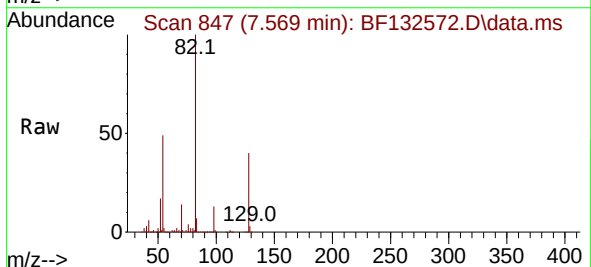
Instrument :
BNA_F
ClientSampleId :
SP-303-20230223

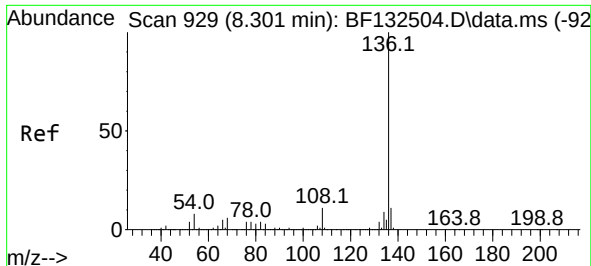
Tgt Ion: 99 Resp: 574929
Ion Ratio Lower Upper
99 100
42 17.2 13.9 20.9
71 35.6 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.777 ng
RT: 7.569 min Scan# 847
Delta R.T. 0.150 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

Tgt Ion: 70 Resp: 180661
Ion Ratio Lower Upper
70 100
42 43.0 44.1 66.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.4#

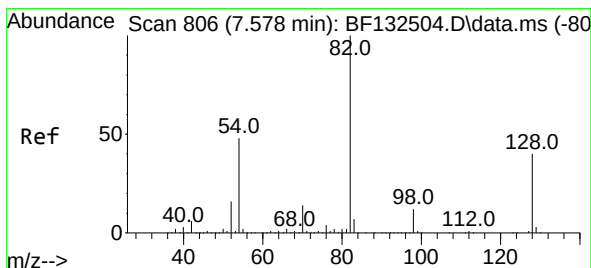
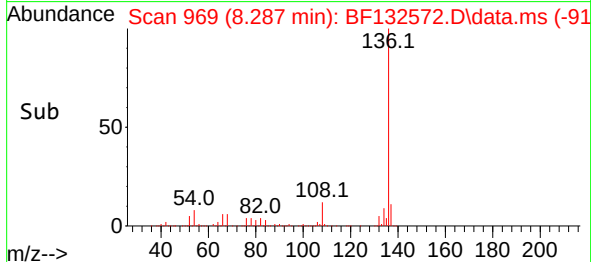
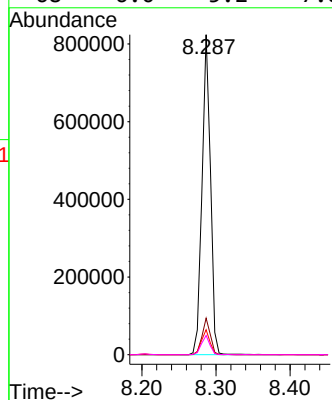
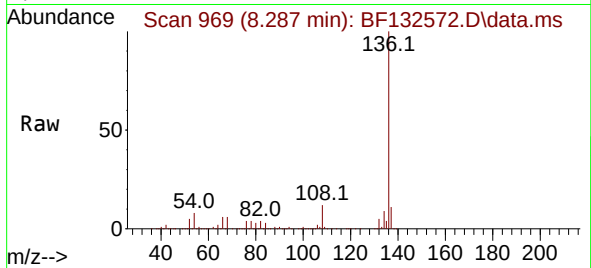




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 910
Delta R.T. -0.003 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

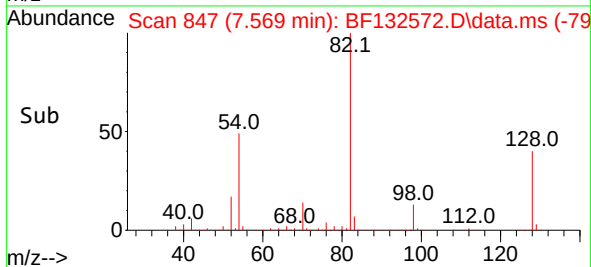
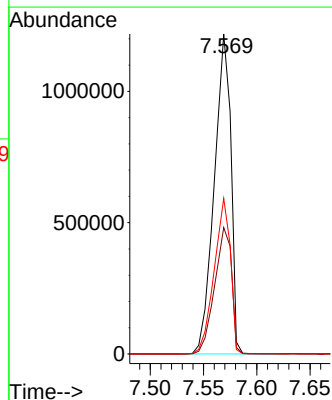
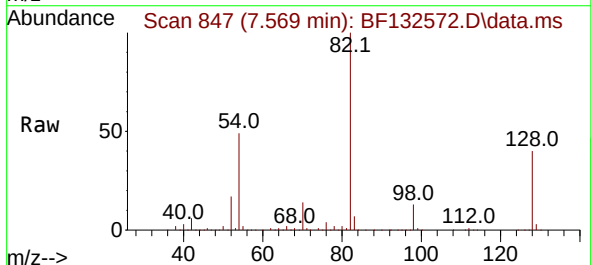
Instrument :
BNA_F
ClientSampleId :
SP-303-20230223

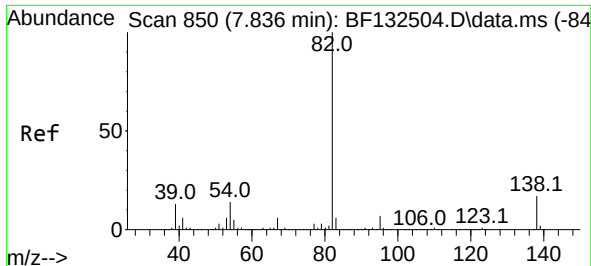
Tgt Ion:136 Resp: 650957
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.8 6.2 9.4
68 6.0 5.2 7.8



#23
Nitrobenzene-d5
Concen: 95.719 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.003 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

Tgt Ion: 82 Resp: 1313304
Ion Ratio Lower Upper
82 100
128 39.5 32.2 48.2
54 48.6 38.4 57.6

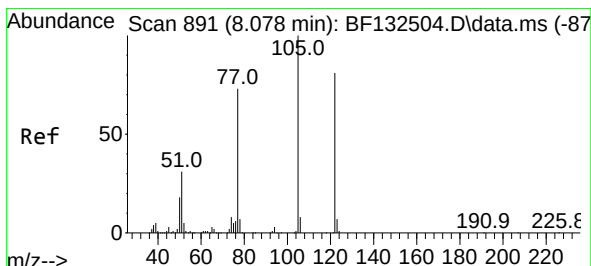
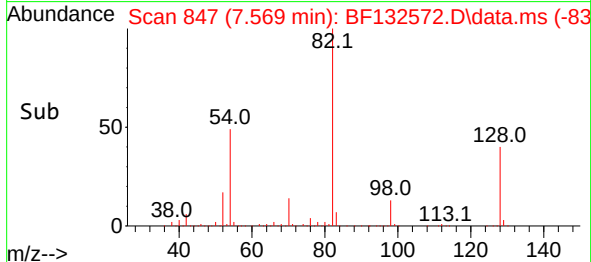
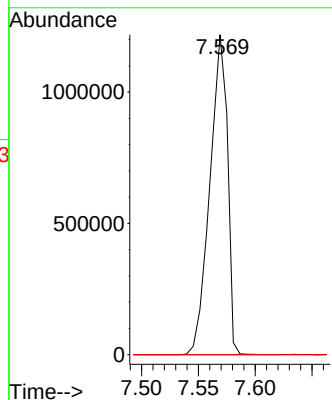
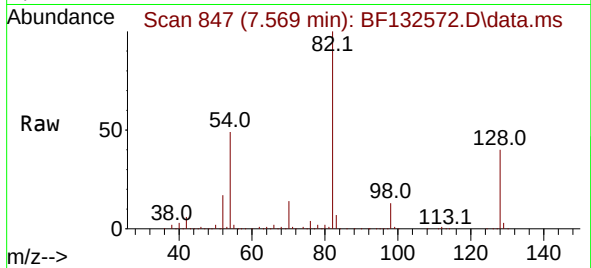




#25
Isophorone
Concen: 49.924 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.256 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

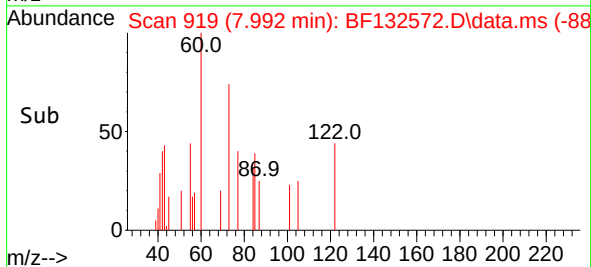
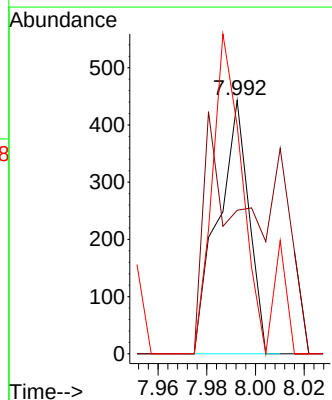
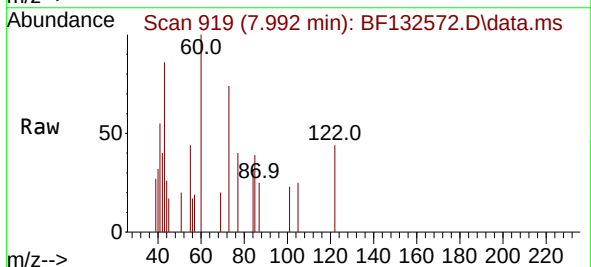
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ClientSampleId :
SP-303-20230223

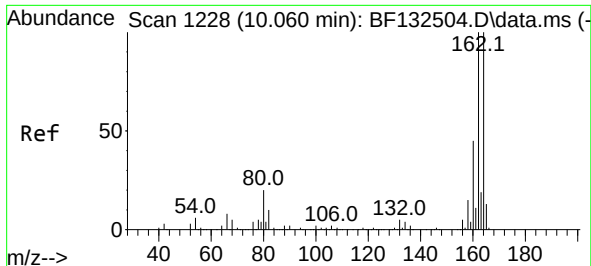
Tgt Ion: 82 Resp: 1313273
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.880 ng
RT: 7.992 min Scan# 919
Delta R.T. -0.073 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

Tgt Ion: 122 Resp: 389
Ion Ratio Lower Upper
122 100
105 56.7 102.6 142.6#
77 90.1 70.2 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.051 min Scan# 1

Delta R.T. -0.003 min

Lab File: BF132572.D

Acq: 28 Feb 2023 15:12

Instrument :

BNA_F

ClientSampleId :

SP-303-20230223

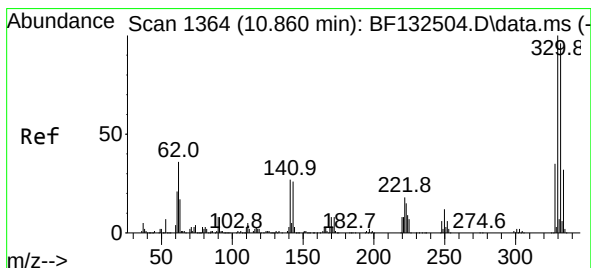
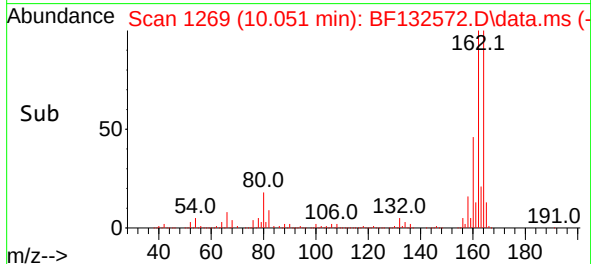
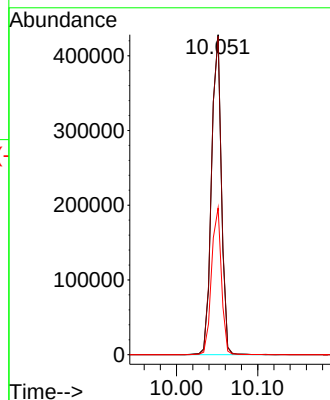
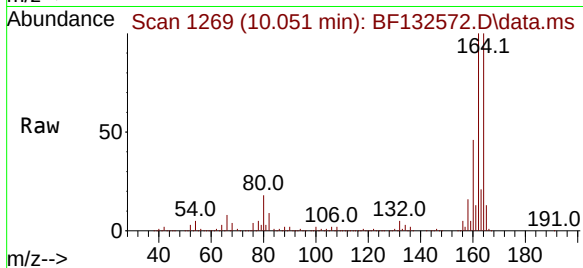
Tgt Ion:164 Resp: 359030

Ion Ratio Lower Upper

164 100

162 99.5 79.8 119.8

160 45.8 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 157.091 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132572.D

Acq: 28 Feb 2023 15:12

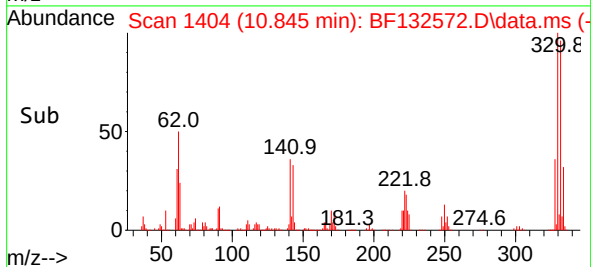
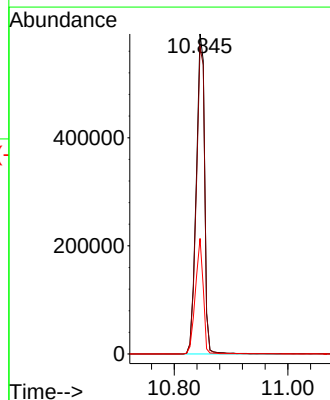
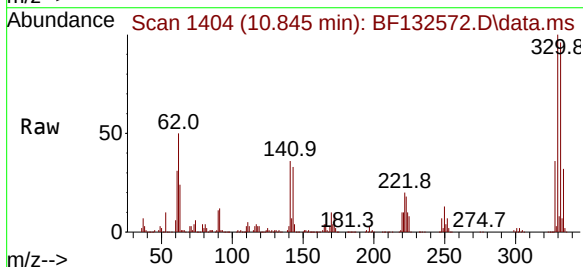
Tgt Ion:330 Resp: 609101

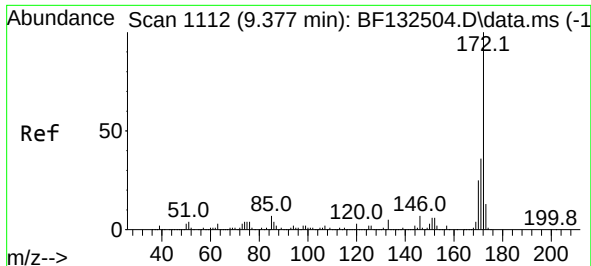
Ion Ratio Lower Upper

330 100

332 96.9 76.2 114.4

141 33.7 28.4 42.6

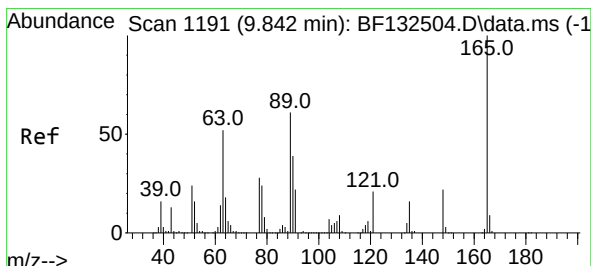
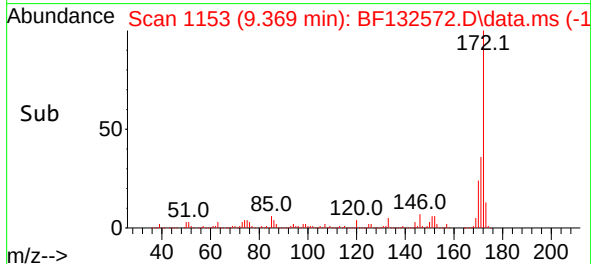
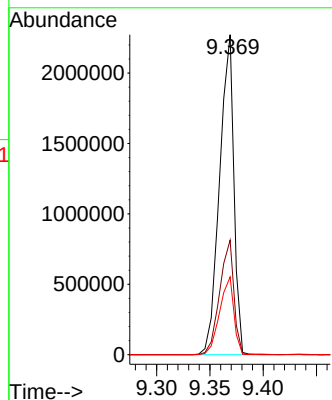
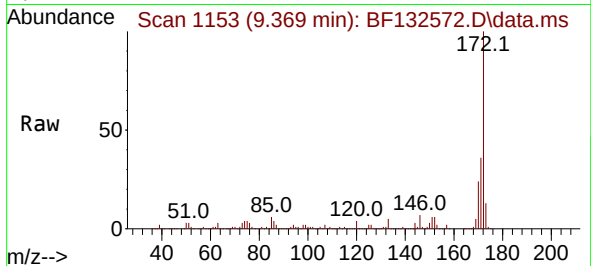




#45
2-Fluorobiphenyl
Concen: 89.692 ng
RT: 9.369 min Scan# 1112
Delta R.T. -0.003 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

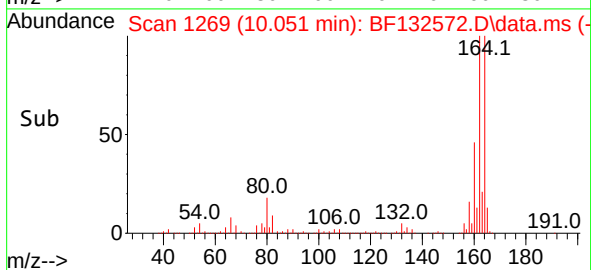
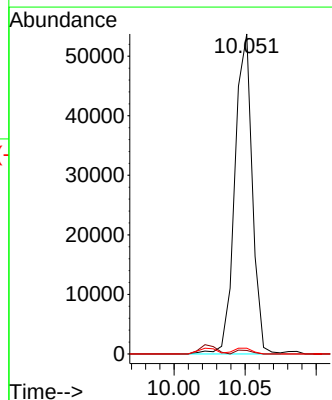
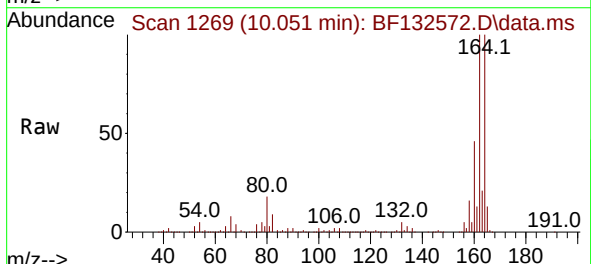
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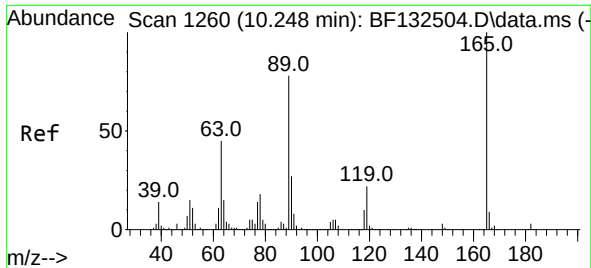
Tgt Ion:172 Resp: 2114858
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.3 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.716 ng
RT: 10.051 min Scan# 1269
Delta R.T. 0.215 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

Tgt Ion:165 Resp: 45935
Ion Ratio Lower Upper
165 100
63 1.1 47.3 70.9#
89 1.8 48.9 73.3#

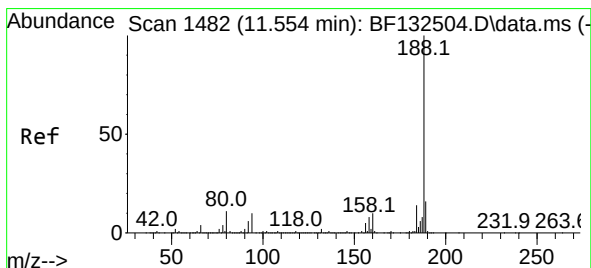
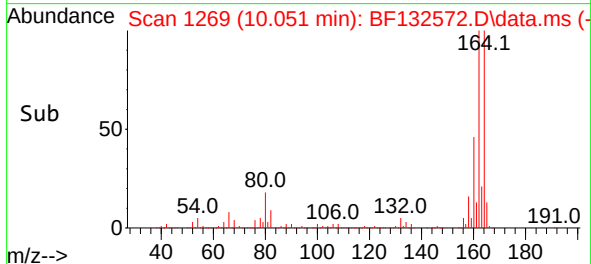
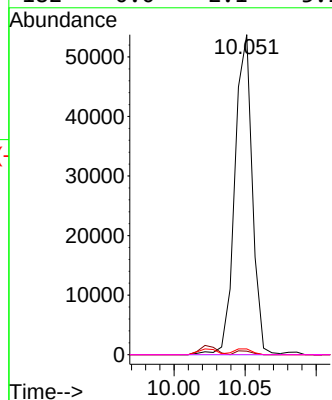
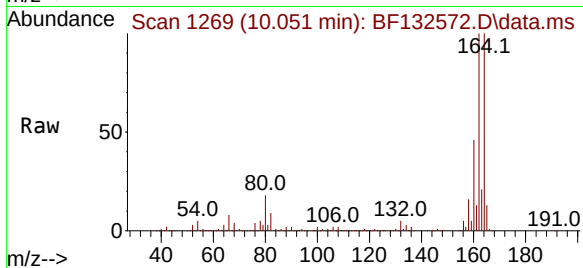




#57
2,4-Dinitrotoluene
Concen: 5.800 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.191 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

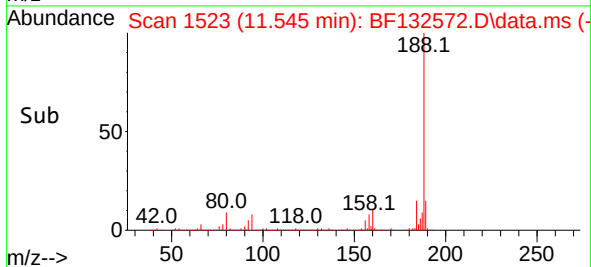
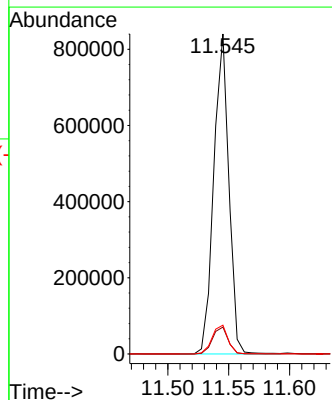
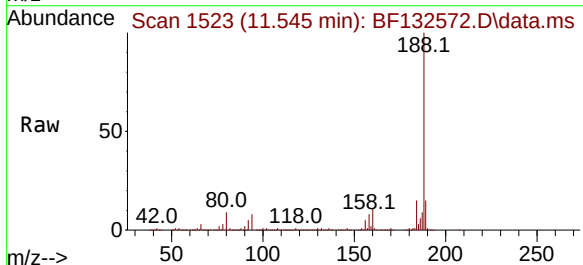
Instrument :
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SP-303-20230223

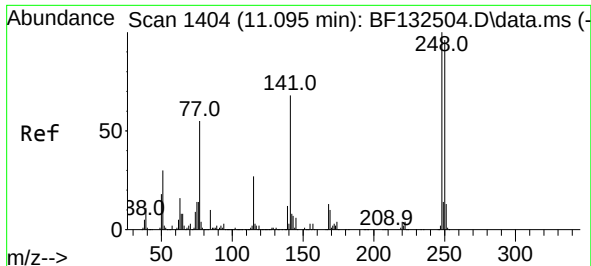
Tgt Ion:165 Resp: 45935
Ion Ratio Lower Upper
165 100
63 1.1 36.5 54.7#
89 1.8 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

Tgt Ion:188 Resp: 720652
Ion Ratio Lower Upper
188 100
94 8.4 8.3 12.5
80 9.0 8.7 13.1

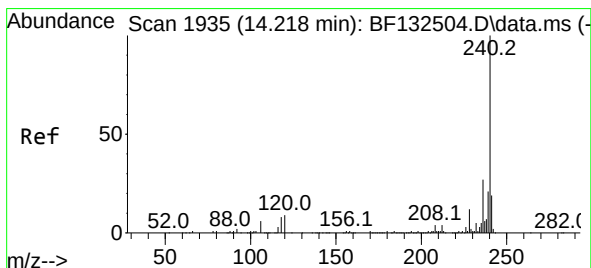
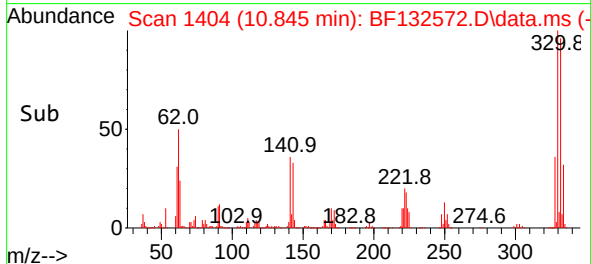
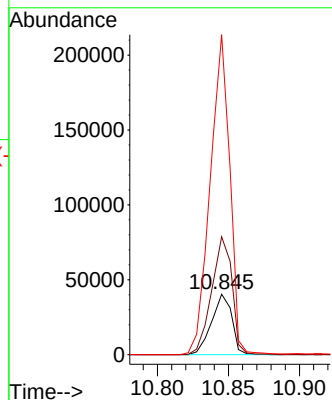
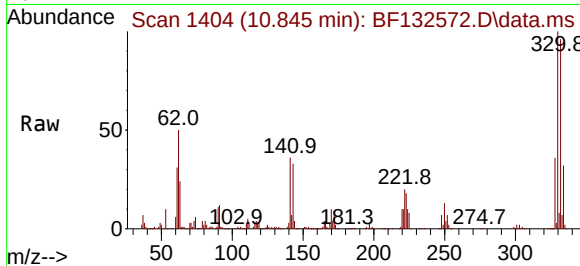




#67
4-Bromophenyl-phenylether
Concen: 4.919 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.244 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

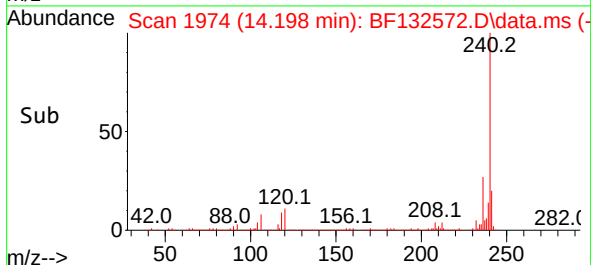
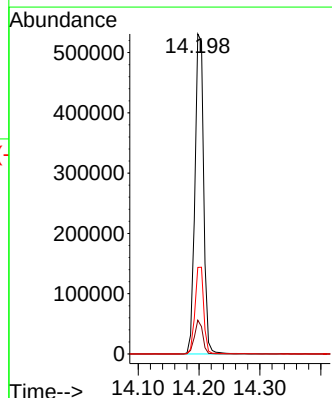
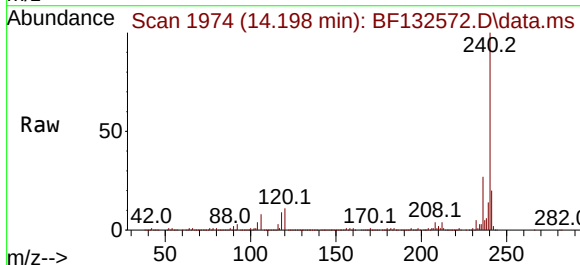
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BNA_F
ClientSampleId :
SP-303-20230223

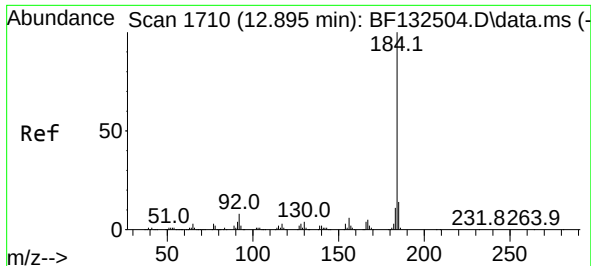
Tgt Ion:248 Resp: 40101
Ion Ratio Lower Upper
248 100
250 194.7 77.0 115.4#
141 528.6 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.198 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

Tgt Ion:240 Resp: 527678
Ion Ratio Lower Upper
240 100
120 10.5 7.2 10.8
236 27.1 21.8 32.6

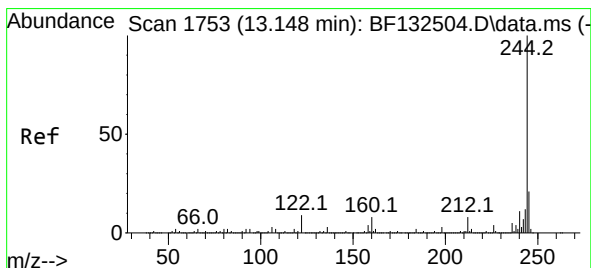
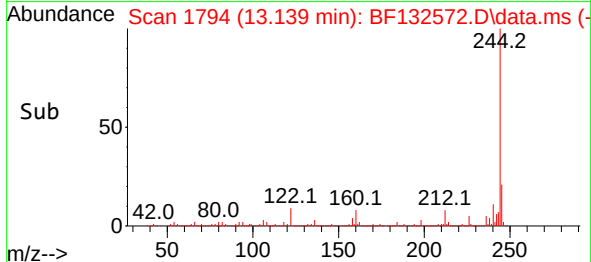
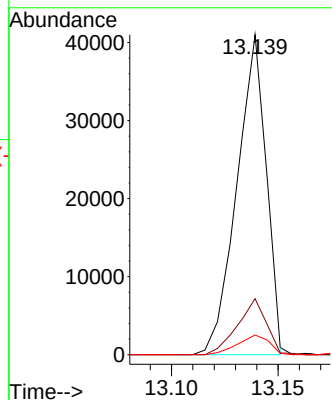
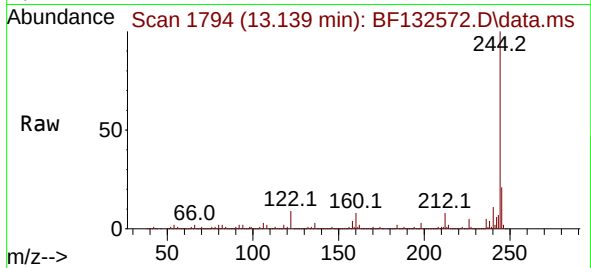




#77
Benzidine
Concen: 3.061 ng
RT: 13.139 min Scan# 1794
Delta R.T. 0.256 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

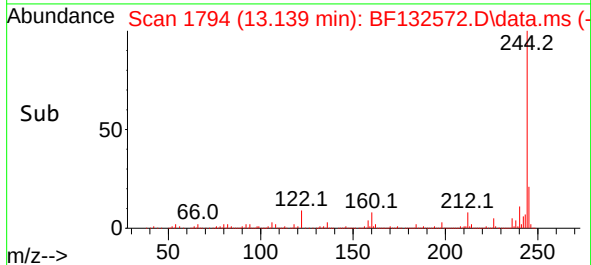
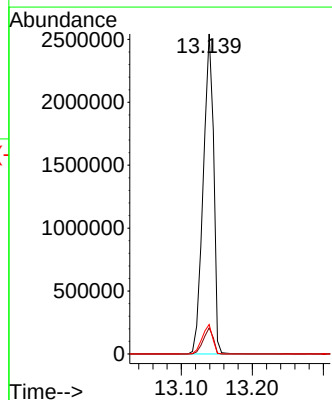
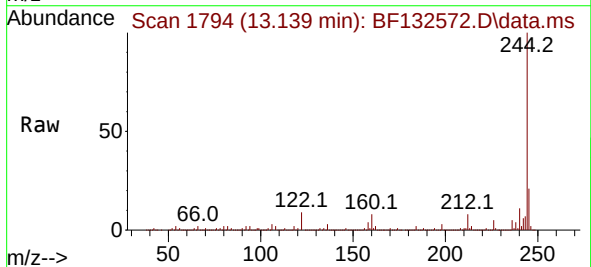
Instrument :
BNA_F
ClientSampleId :
SP-303-20230223

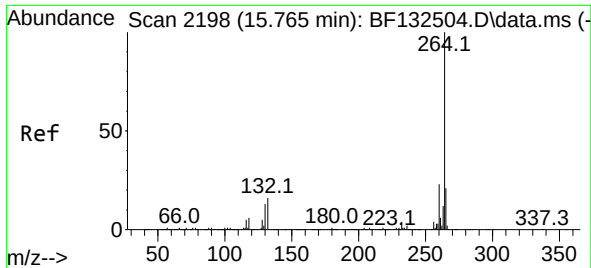
Tgt Ion:184 Resp: 39323
Ion Ratio Lower Upper
184 100
185 17.5 11.7 17.5
183 6.1 8.7 13.1#



#79
Terphenyl-d14
Concen: 83.052 ng
RT: 13.139 min Scan# 1794
Delta R.T. -0.003 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

Tgt Ion:244 Resp: 2592050
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: 15.751 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BF132572.D
 Acq: 28 Feb 2023 15:12

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20230223

Tgt Ion:264 Resp: 401167
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 22.1 17.1 25.7

