

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133062.D
 Acq On : 26 Apr 2023 13:09
 Operator : CG\JU
 Sample : 02427-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230352-COMP-30

Quant Time: Apr 27 01:54:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 18:24:07 2023
 Response via : Initial Calibration

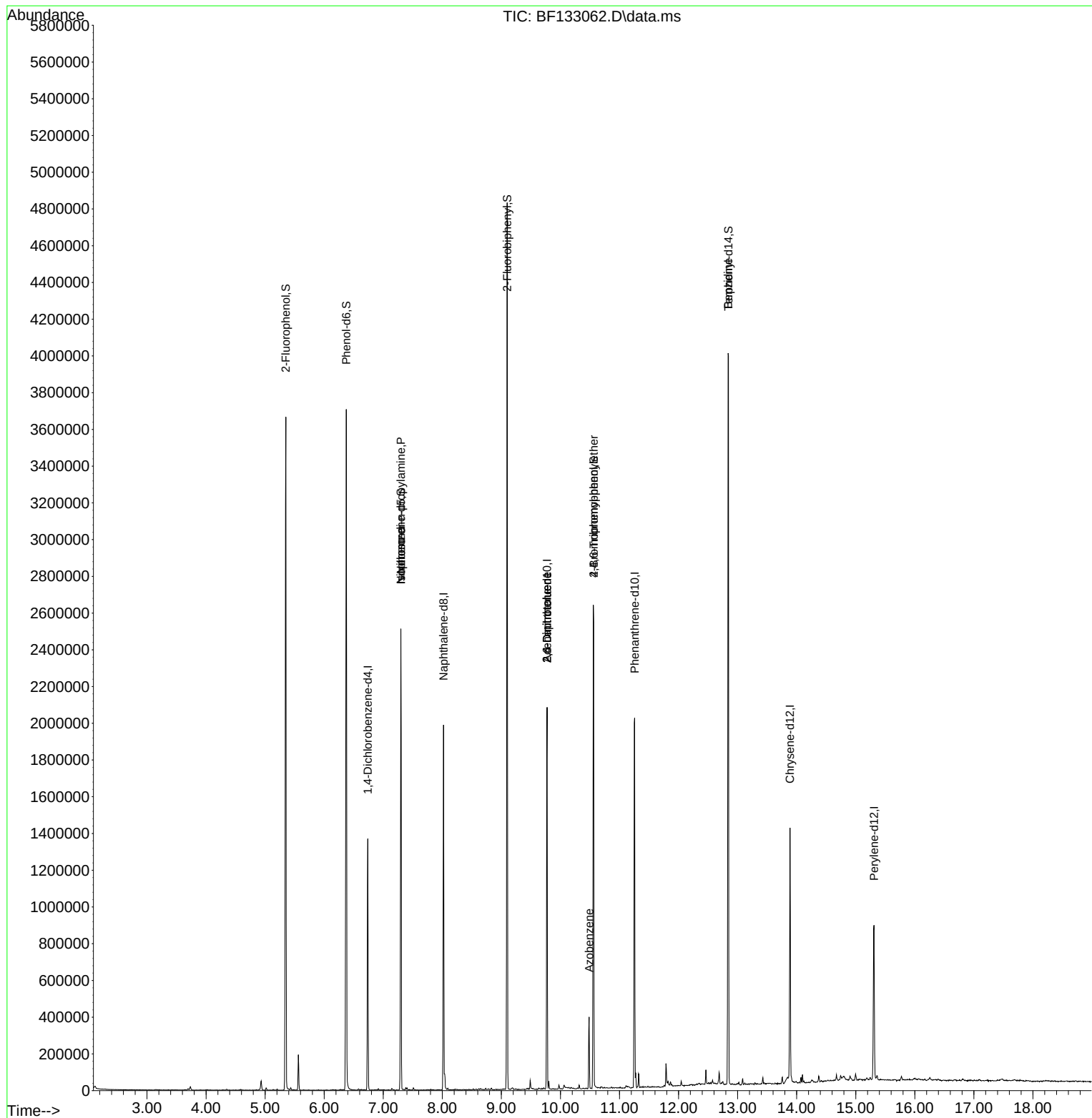
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	186276	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	769019	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	409734	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	754456	20.000	ng	0.00
76) Chrysene-d12	13.886	240	401085	20.000	ng	-0.01
86) Perylene-d12	15.310	264	374712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1060177	85.975	ng	0.00
7) Phenol-d6	6.375	99	1309086	85.530	ng	-0.01
23) Nitrobenzene-d5	7.298	82	750230	52.658	ng	-0.01
42) 2,4,6-Tribromophenol	10.563	330	344983	83.720	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1332774	54.419	ng	-0.01
79) Terphenyl-d14	12.845	244	1480813	63.675	ng	0.00
Target Compounds						
9) Benzaldehyde	6.275	77	843	Below Cal	Qvalue	# 56
19) n-Nitroso-di-n-propyla...	7.298	70	97585	10.241	ng	# 76
25) Isophorone	7.298	82	748481	27.670	ng	# 63
51) 2,6-Dinitrotoluene	9.775	165	52859	8.220	ng	# 25
57) 2,4-Dinitrotoluene	9.775	165	52859	6.446	ng	# 24
63) Azobenzene	10.486	77	60223	2.107	ng	# 1
67) 4-Bromophenyl-phenylether	10.563	248	21603	2.640	ng	# 1
77) Benzidine	12.839	184	16790	2.475	ng	# 92

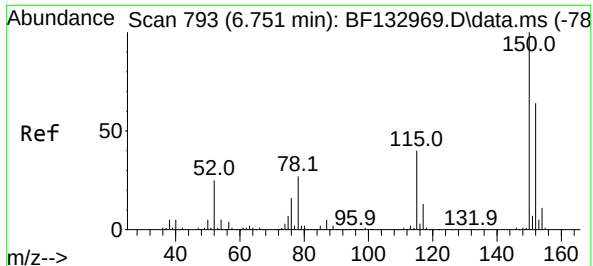
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 25 18:24:07 2023
Response via : Initial Calibration

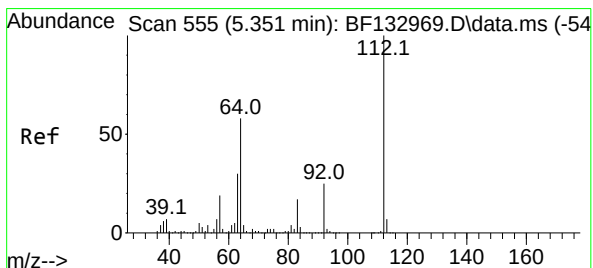
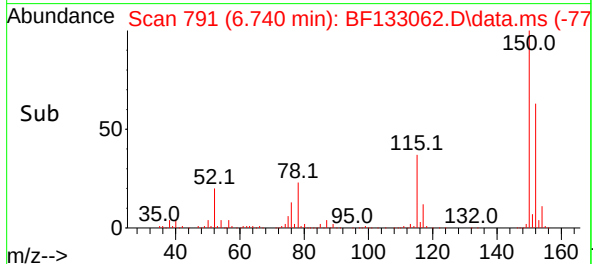
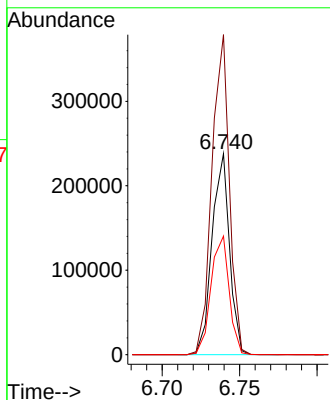
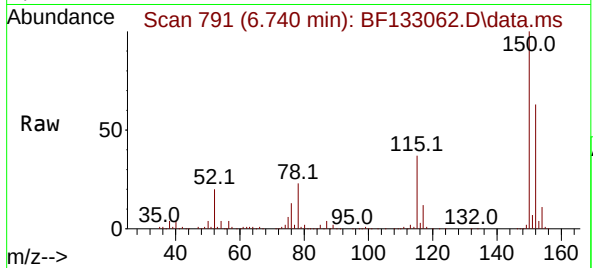




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

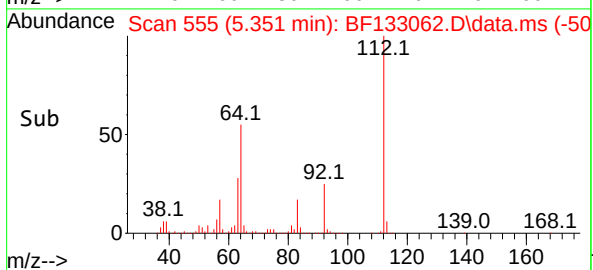
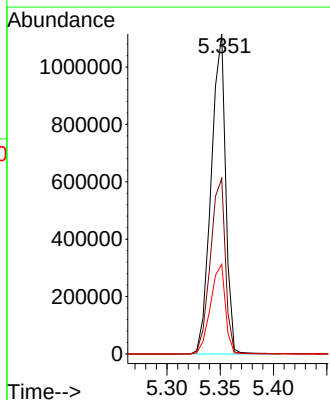
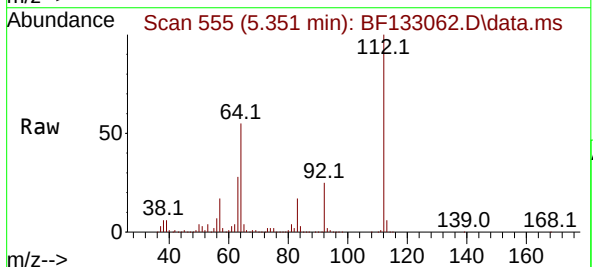
Instrument :
BNA_F
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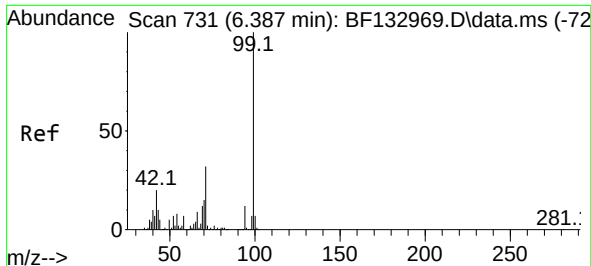
Tgt Ion:152 Resp: 186276
Ion Ratio Lower Upper
152 100
150 159.2 124.8 187.2
115 59.0 49.9 74.9



#5
2-Fluorophenol
Concen: 85.975 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

Tgt Ion:112 Resp: 1060177
Ion Ratio Lower Upper
112 100
64 54.8 46.8 70.2
63 28.0 23.8 35.8

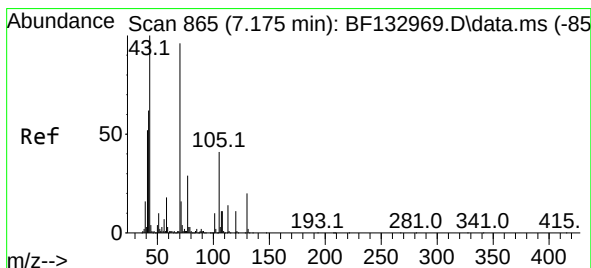
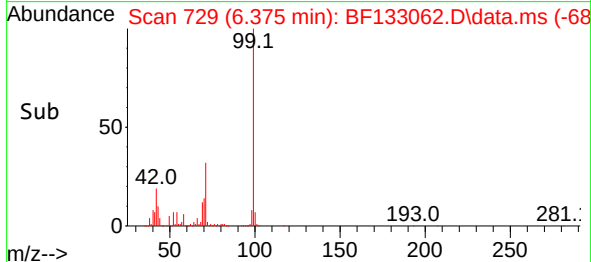
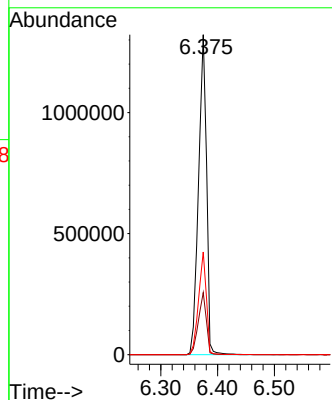
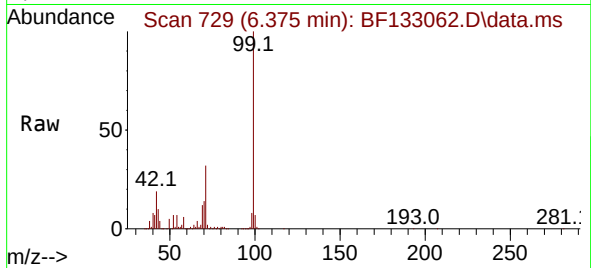




#7
Phenol-d6
Concen: 85.530 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

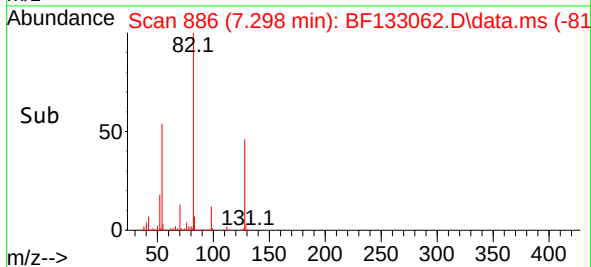
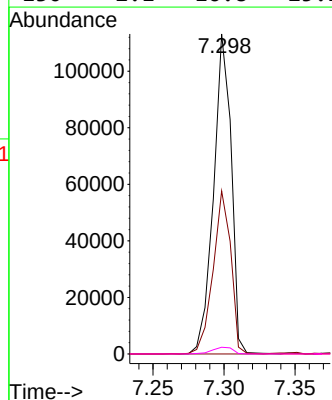
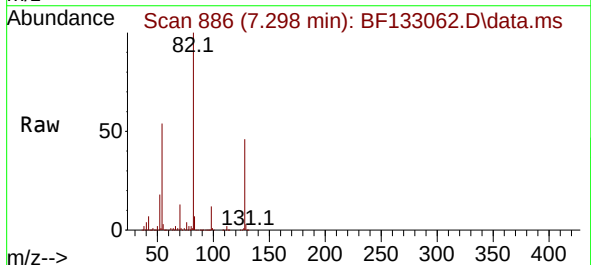
Instrument :
BNA_F
ClientSampleId :
20230352-COMP-30

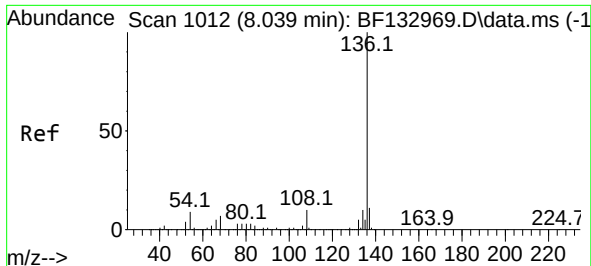
Tgt Ion: 99 Resp: 1309086
Ion Ratio Lower Upper
99 100
42 19.4 16.3 24.5
71 32.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.241 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.135 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

Tgt Ion: 70 Resp: 97585
Ion Ratio Lower Upper
70 100
42 50.9 51.8 77.6#
101 0.0 8.0 12.0#
130 2.1 16.8 25.2#

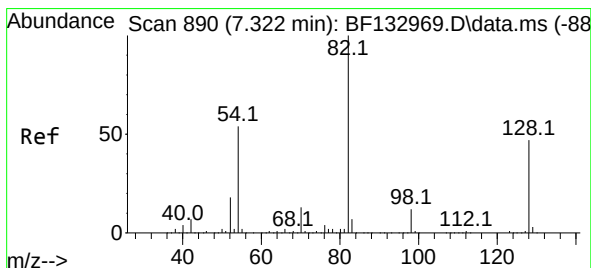
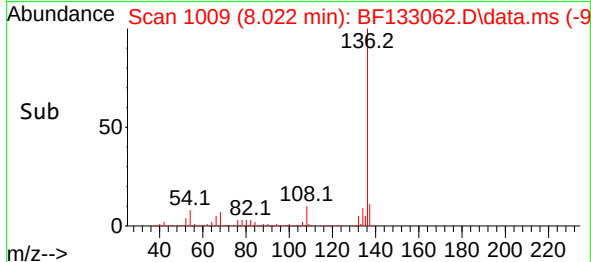
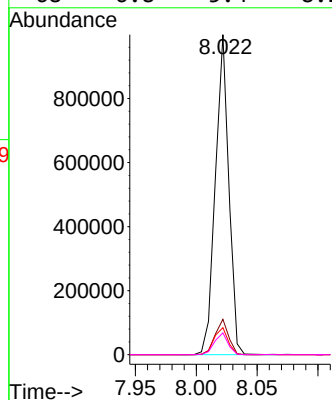
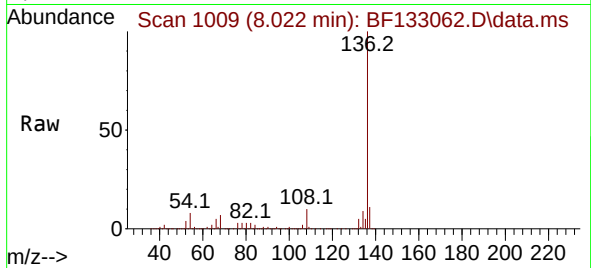




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

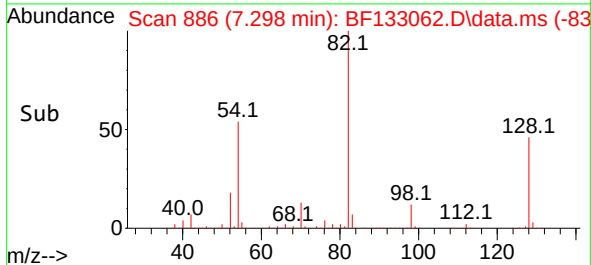
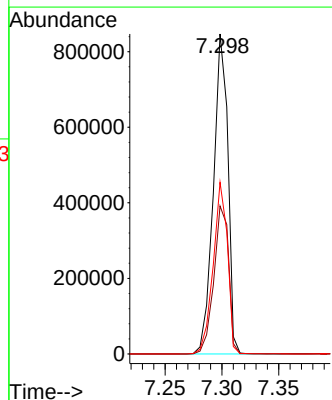
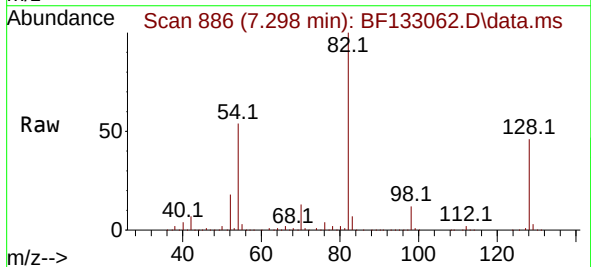
Instrument :
BNA_F
ClientSampleId :
20230352-COMP-30

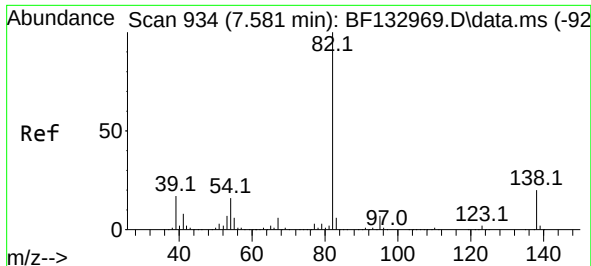
Tgt Ion:136	Resp: 769019
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 8.5	7.0 10.4
68 6.8	5.4 8.2



#23
Nitrobenzene-d5
Concen: 52.658 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

Tgt Ion: 82	Resp: 750230
Ion Ratio	Lower Upper
82 100	
128 46.2	37.7 56.5
54 53.7	43.0 64.4

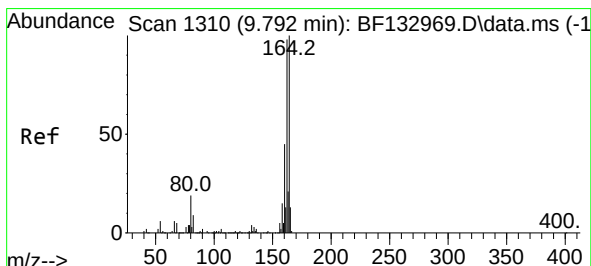
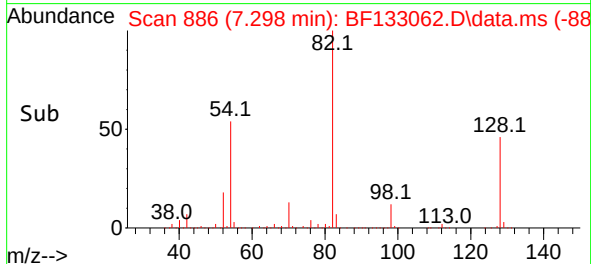
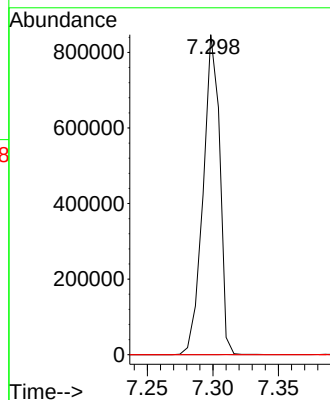
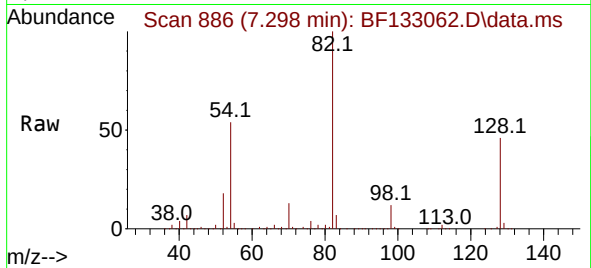




#25
Isophorone
Concen: 27.670 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

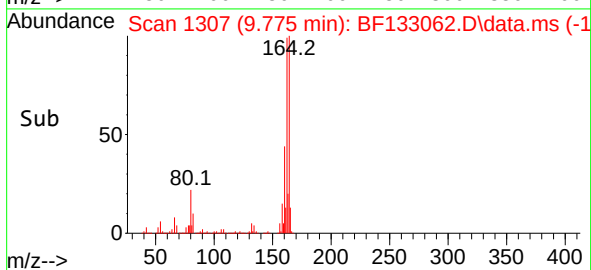
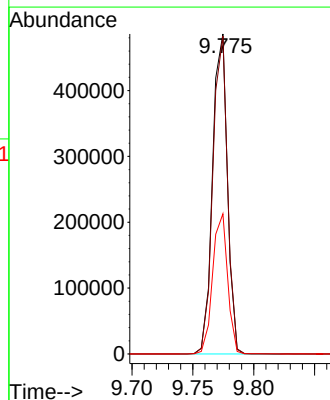
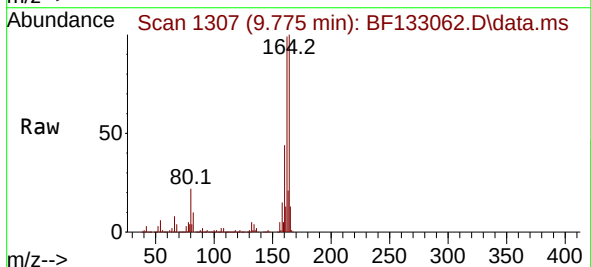
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20230352-COMP-30

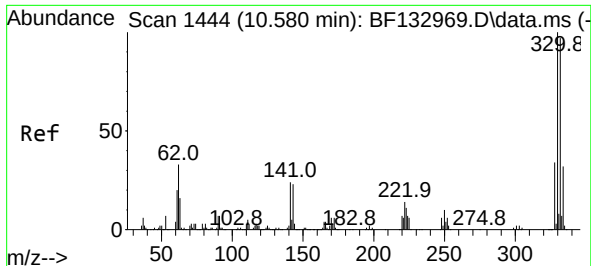
Tgt Ion: 82 Resp: 748481
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

Tgt Ion:164 Resp: 409734
Ion Ratio Lower Upper
164 100
162 99.4 78.7 118.1
160 43.8 35.8 53.6

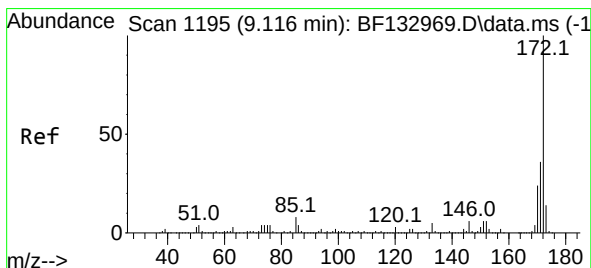
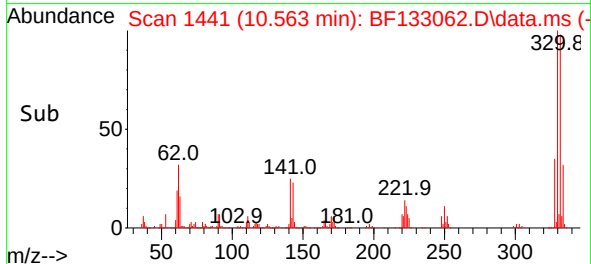
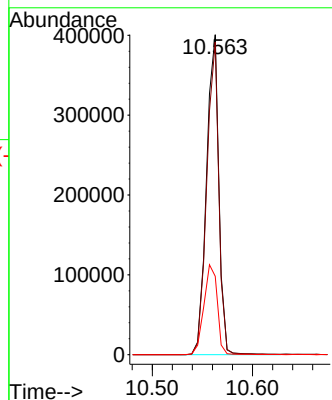
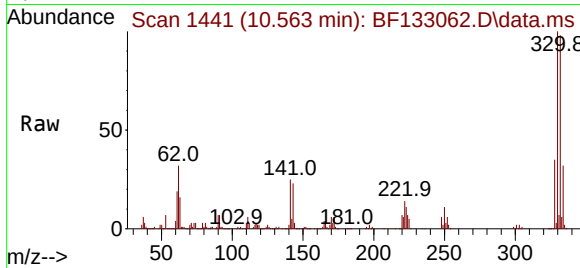




#42
2,4,6-Tribromophenol
Concen: 83.720 ng
RT: 10.563 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

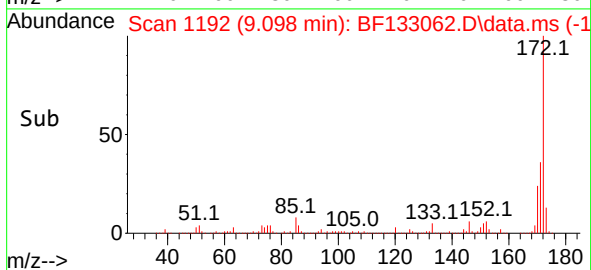
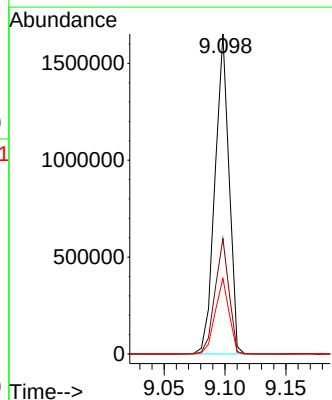
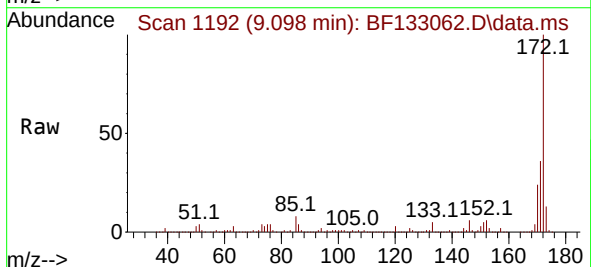
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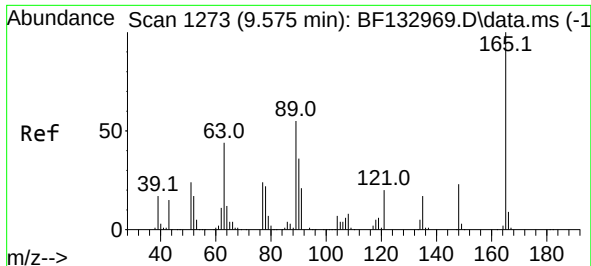
Tgt Ion:330 Resp: 344983
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 30.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 54.419 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

Tgt Ion:172 Resp: 1332774
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.6 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.220 ng

RT: 9.775 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF133062.D

Acq: 26 Apr 2023 13:09

Instrument :

BNA_F

ClientSampleId :

20230352-COMP-30

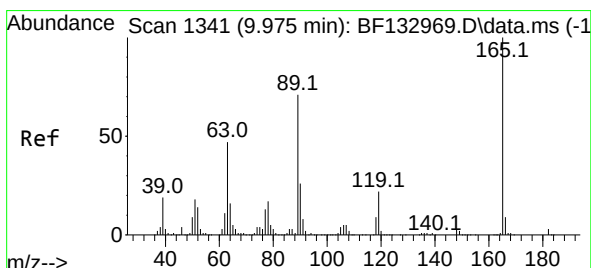
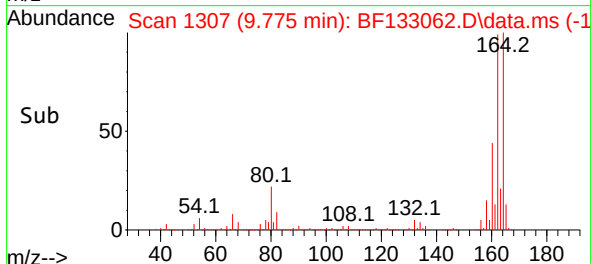
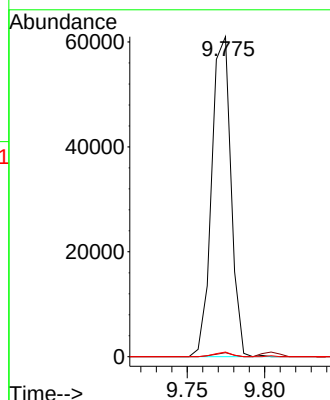
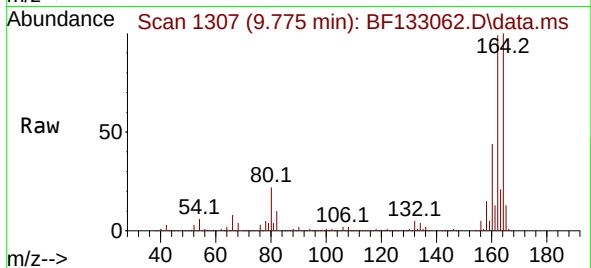
Tgt Ion:165 Resp: 52859

Ion Ratio Lower Upper

165 100

63 1.3 45.9 68.9#

89 1.5 44.0 66.0#



#57

2,4-Dinitrotoluene

Concen: 6.446 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.194 min

Lab File: BF133062.D

Acq: 26 Apr 2023 13:09

Tgt Ion:165 Resp: 52859

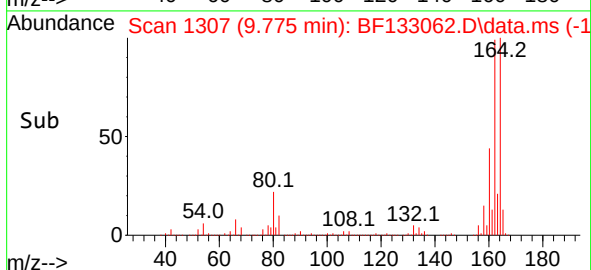
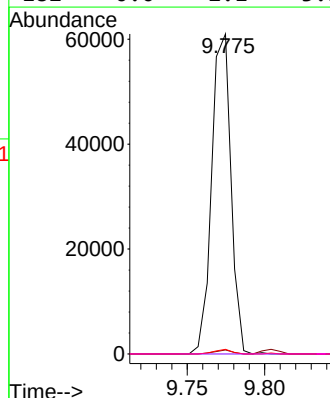
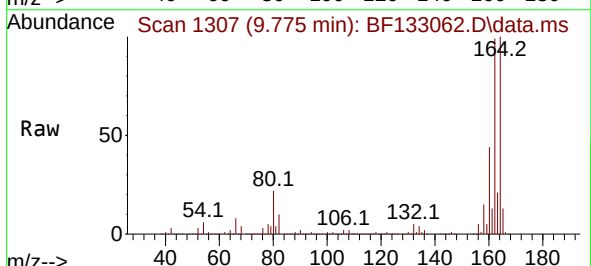
Ion Ratio Lower Upper

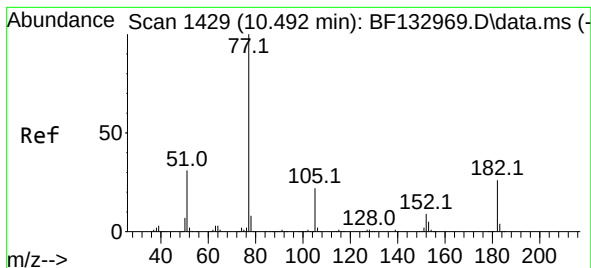
165 100

63 1.3 37.7 56.5#

89 1.5 57.0 85.4#

182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 2.107 ng

RT: 10.486 min Scan# 1428

Delta R.T. 0.000 min

Lab File: BF133062.D

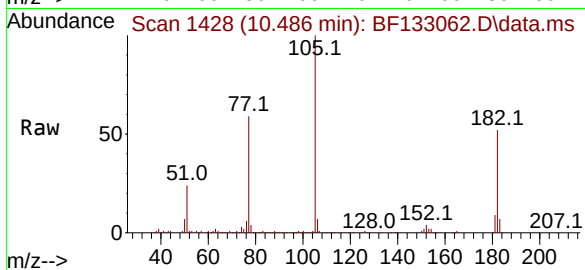
Acq: 26 Apr 2023 13:09

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Tgt Ion: 77 Resp: 60223

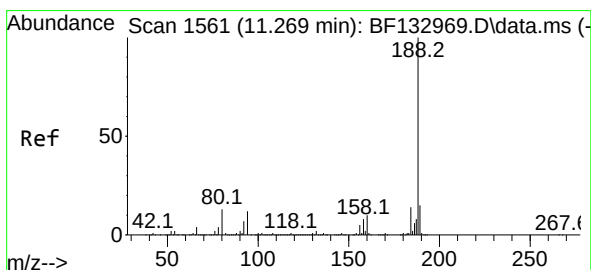
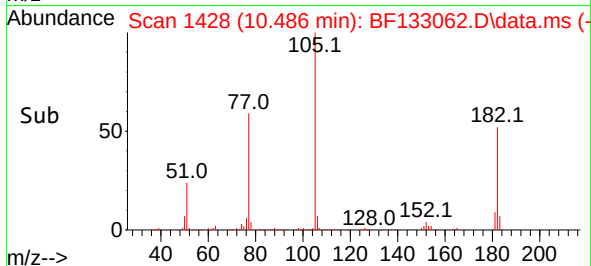
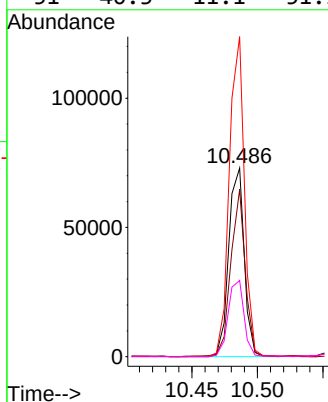
Ion Ratio Lower Upper

77 100

182 88.7 5.9 45.9#

105 169.6 2.3 42.3#

51 40.3 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.257 min Scan# 1559

Delta R.T. -0.006 min

Lab File: BF133062.D

Acq: 26 Apr 2023 13:09

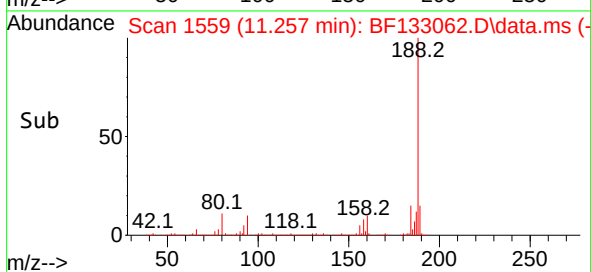
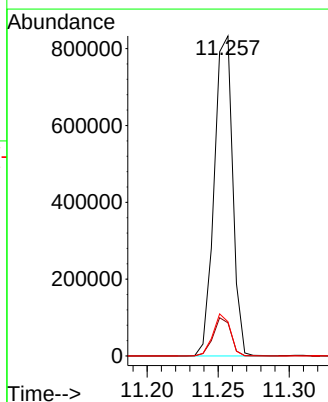
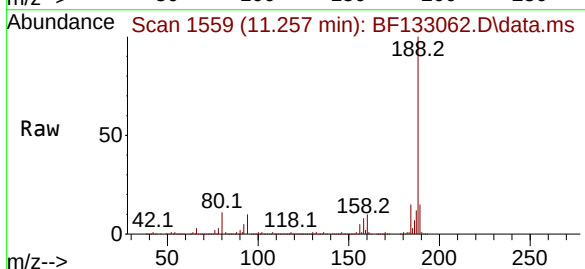
Tgt Ion: 188 Resp: 754456

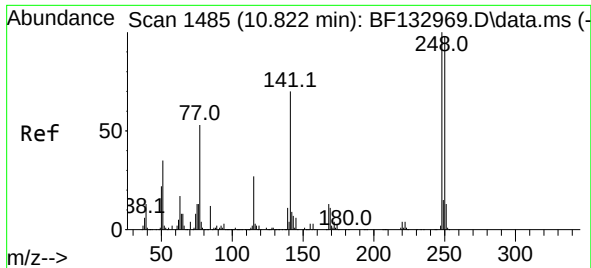
Ion Ratio Lower Upper

188 100

94 10.4 9.7 14.5

80 10.7 10.4 15.6

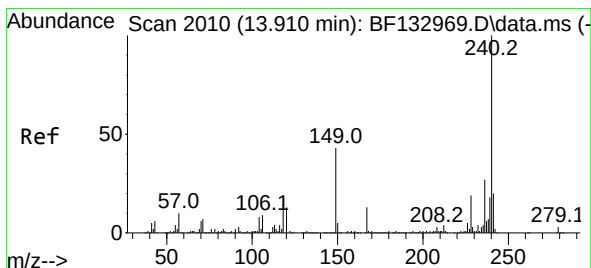
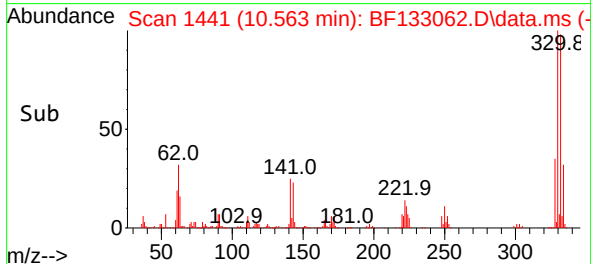
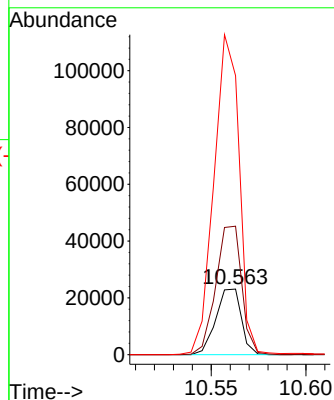
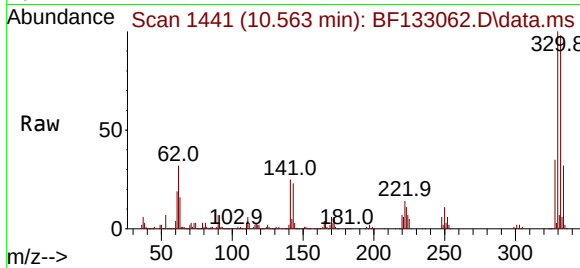




#67
4-Bromophenyl-phenylether
Concen: 2.640 ng
RT: 10.563 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

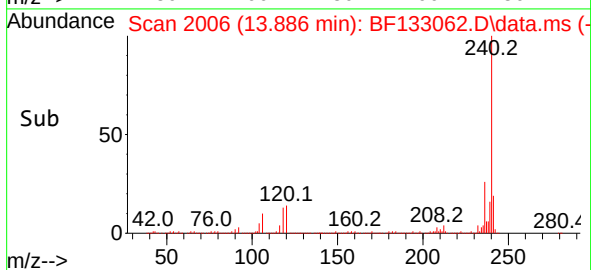
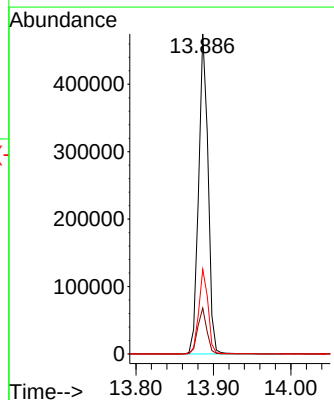
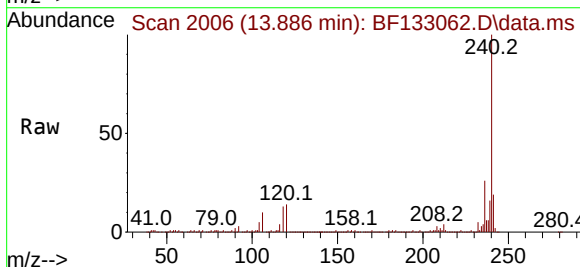
Instrument :
BNA_F
ClientSampleId :
20230352-COMP-30

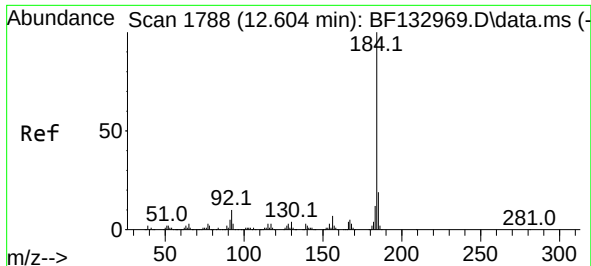
Tgt Ion:248 Resp: 21603
Ion Ratio Lower Upper
248 100
250 196.0 78.7 118.1#
141 425.5 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

Tgt Ion:240 Resp: 401085
Ion Ratio Lower Upper
240 100
120 14.4 10.5 15.7
236 26.5 21.5 32.3

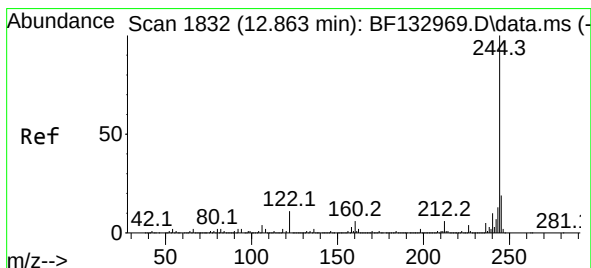
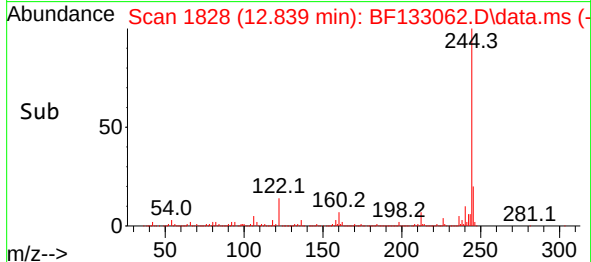
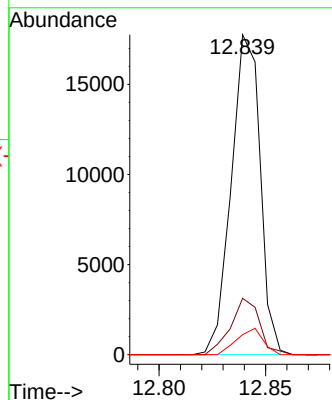
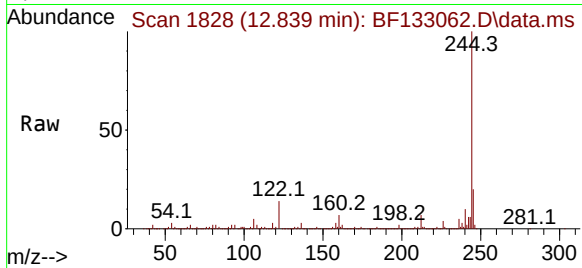




#77
Benzidine
Concen: 2.475 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.247 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

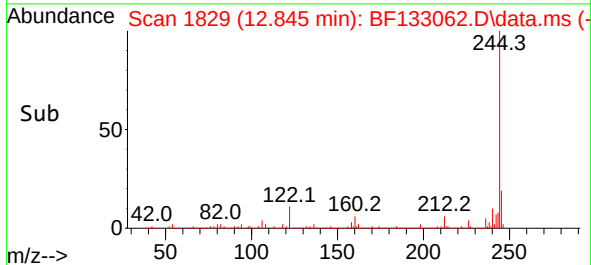
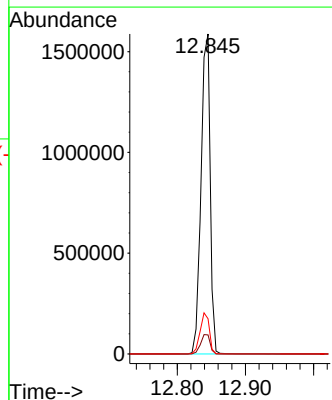
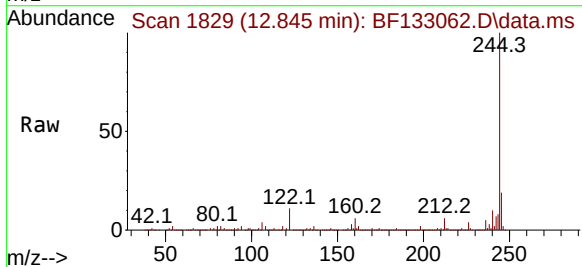
Instrument :
BNA_F
ClientSampleId :
20230352-COMP-30

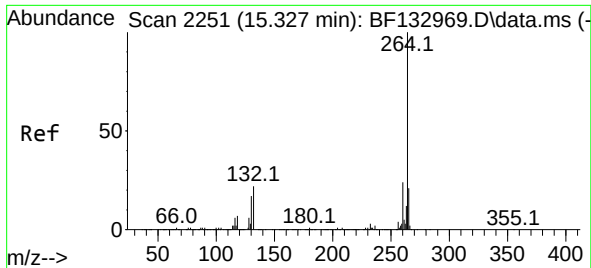
Tgt Ion:184 Resp: 16790
Ion Ratio Lower Upper
184 100
185 17.6 15.4 23.2
183 6.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 63.675 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

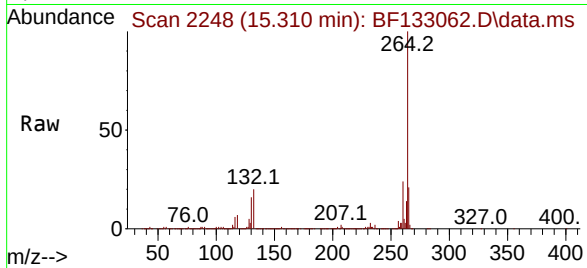
Tgt Ion:244 Resp: 1480813
Ion Ratio Lower Upper
244 100
212 6.0 5.1 7.7
122 11.0 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.310 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133062.D
Acq: 26 Apr 2023 13:09

Instrument :
BNA_F
ClientSampleId :
20230352-COMP-30



Tgt Ion:264 Resp: 374712

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.3	17.0	25.4

