

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021623\
 Data File : BF132444.D
 Acq On : 16 Feb 2023 21:00
 Operator : CG\JU
 Sample : 01572-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-277-281

Quant Time: Feb 17 04:45:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 03:08:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

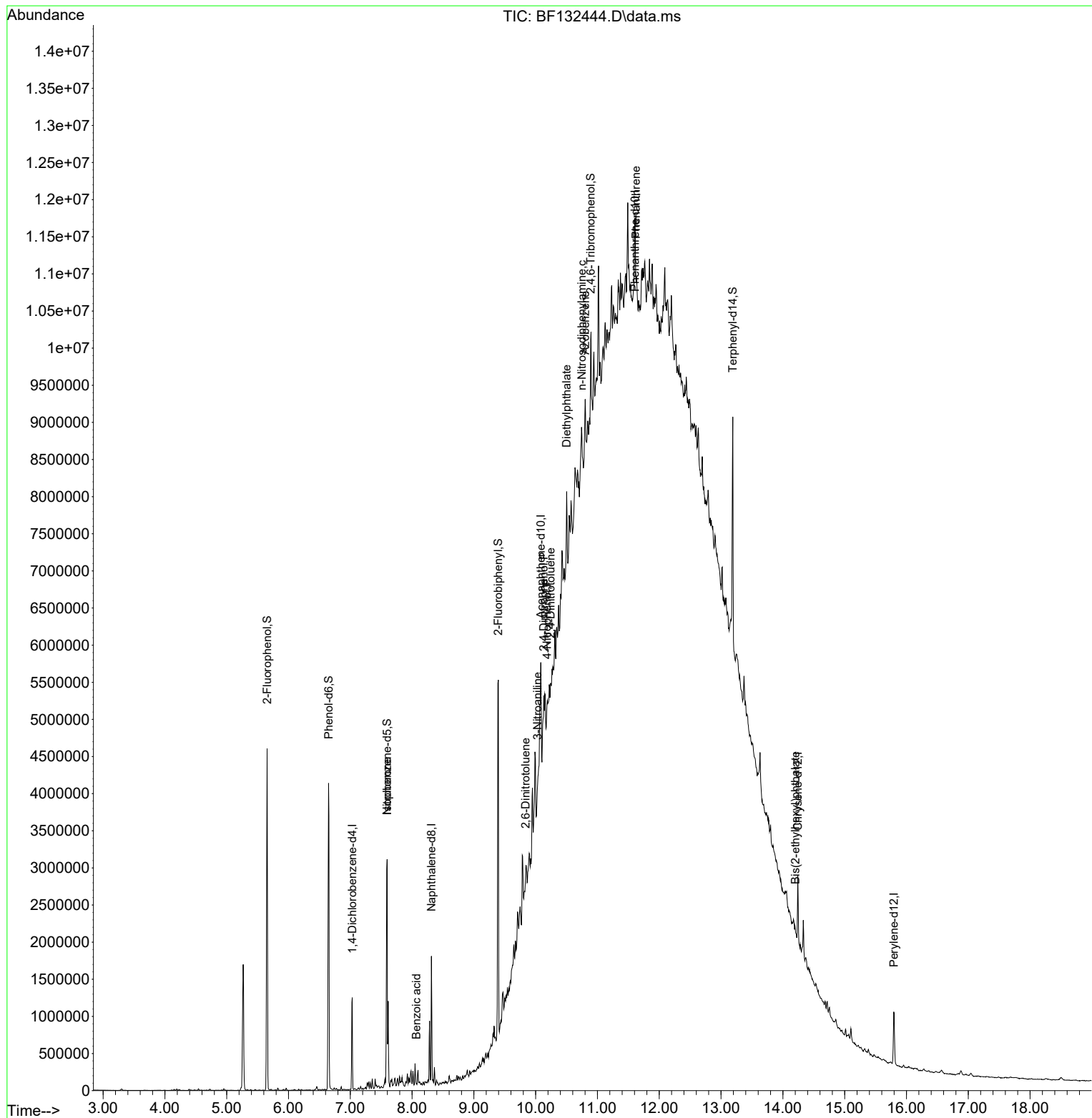
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	176353	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	644733	20.000	ng	0.00
39) Acenaphthene-d10	10.083	164	241246	20.000	ng	0.00
64) Phenanthrene-d10	11.607	188	315981	20.000	ng	# 0.03
76) Chrysene-d12	14.242	240	302886	20.000	ng	# 0.00
86) Perylene-d12	15.795	264	356174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	1265318	114.968	ng	0.00
7) Phenol-d6	6.648	99	1667525	116.034	ng	0.00
23) Nitrobenzene-d5	7.595	82	1068228	79.611	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	344068	142.944	ng	0.01
45) 2-Fluorobiphenyl	9.395	172	1561811	99.977	ng	0.00
79) Terphenyl-d14	13.189	244	1238134	74.447	ng	0.02
Target Compounds						
						Qvalue
25) Isophorone	7.595	82	1062207	40.286	ng	# 68
32) Benzoic acid	8.072	122	240	7.177	ng	# 1
51) 2,6-Dinitrotoluene	9.836	165	14637	3.789	ng	# 25
53) 3-Nitroaniline	10.031	138	12043	2.715	ng	# 21
54) 2,4-Dinitrophenol	10.131	184	368	5.272	ng	# 1
56) 4-Nitrophenol	10.183	139	10653	3.310	ng	# 1
57) 2,4-Dinitrotoluene	10.242	165	12583	2.474	ng	# 33
60) Diethylphthalate	10.501	149	38974	2.232	ng	# 19
63) Azobenzene	10.801	77	180267	9.329	ng	# 11
66) n-Nitrosodiphenylamine	10.748	169	22827	2.354	ng	# 61
71) Phenanthrene	11.625	178	49311	3.030	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.201	149	31591	2.542	ng	# 83

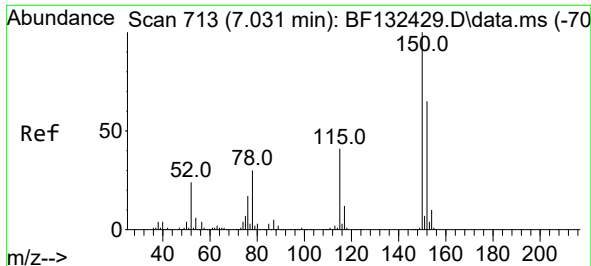
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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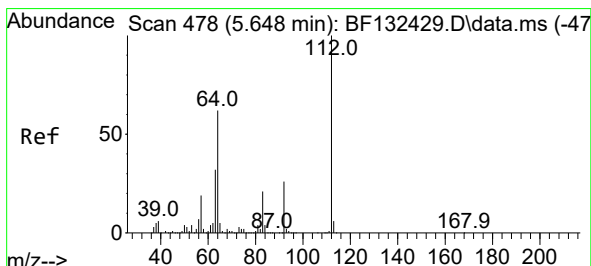
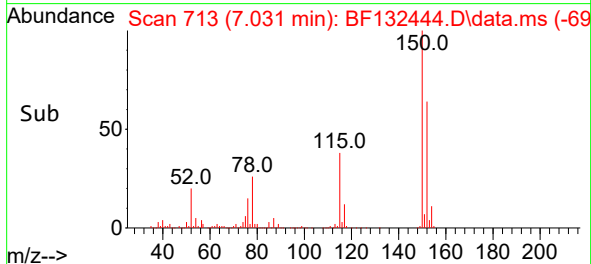
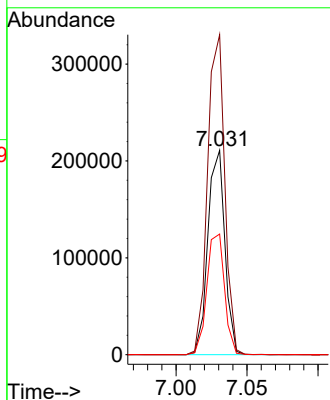
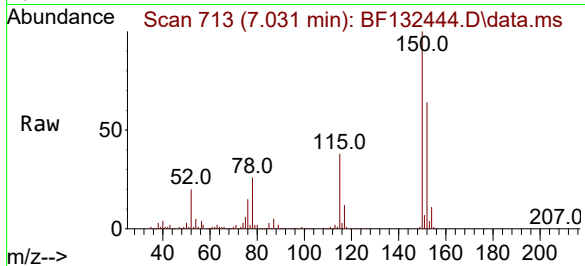




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

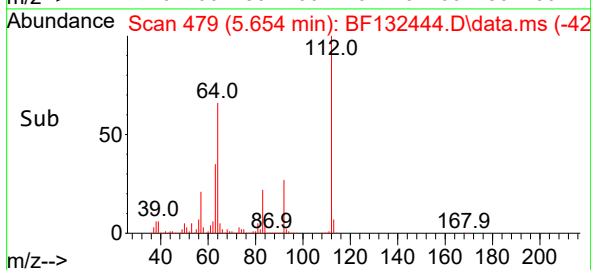
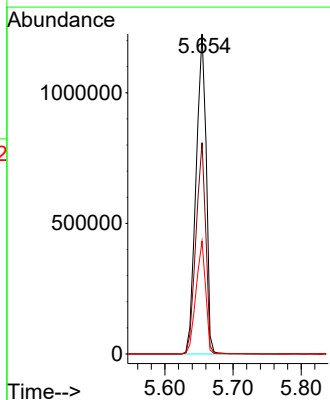
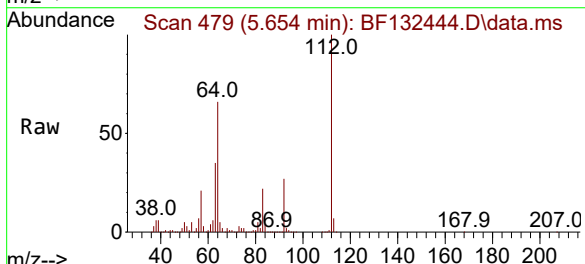
Instrument :
BNA_F
ClientSampleId :
COMP-277-281

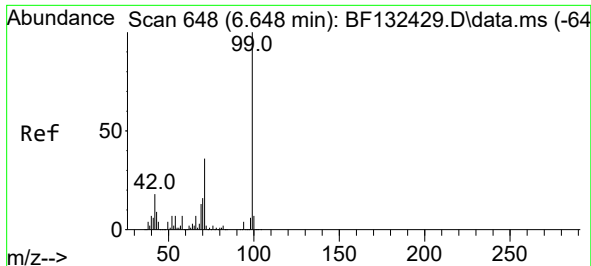
Tgt Ion:152 Resp: 176353
Ion Ratio Lower Upper
152 100
150 156.7 123.8 185.8
115 59.0 50.4 75.6



#5
2-Fluorophenol
Concen: 114.968 ng
RT: 5.654 min Scan# 479
Delta R.T. 0.006 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Tgt Ion:112 Resp: 1265318
Ion Ratio Lower Upper
112 100
64 66.1 49.7 74.5
63 35.3 25.8 38.8

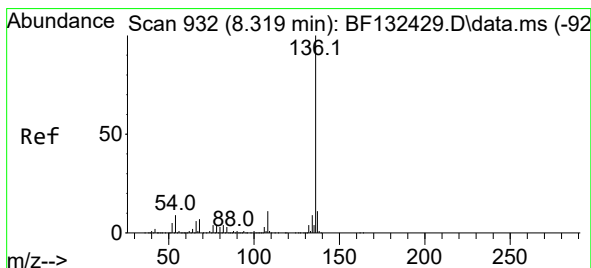
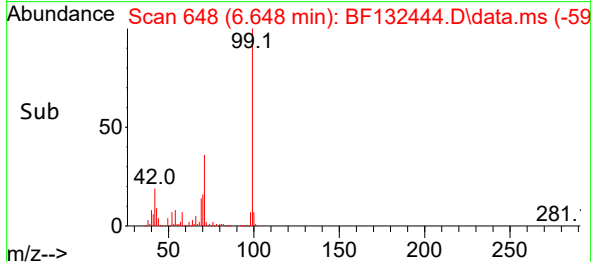
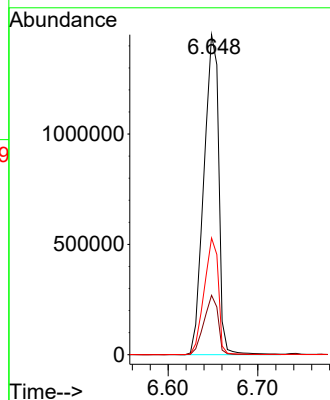
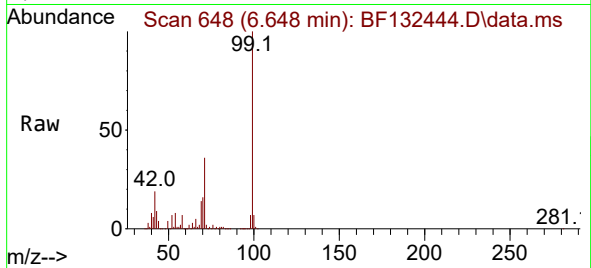




#7
Phenol-d6
Concen: 116.034 ng
RT: 6.648 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

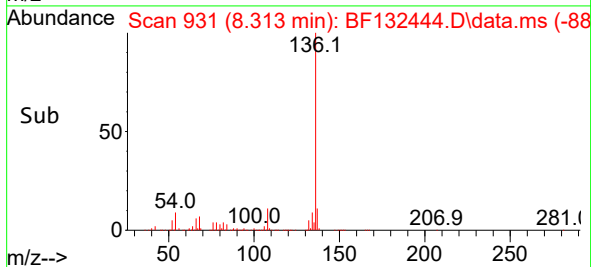
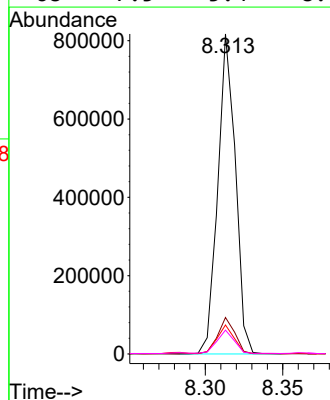
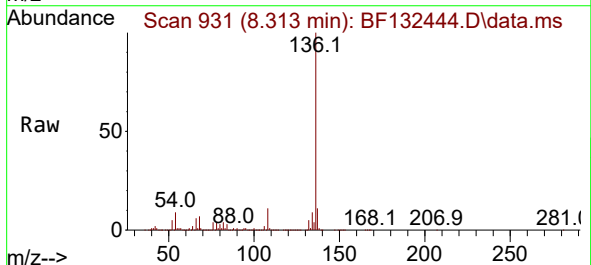
Instrument :
BNA_F
ClientSampleId :
COMP-277-281

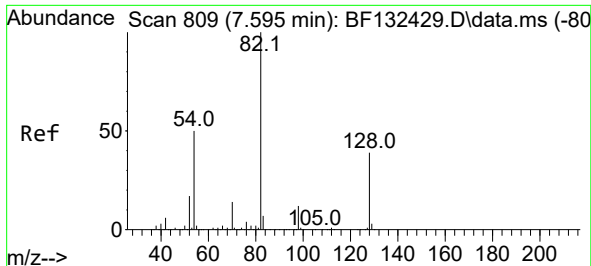
Tgt Ion: 99 Resp: 1667525
Ion Ratio Lower Upper
99 100
42 18.5 14.6 21.8
71 36.5 28.7 43.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Tgt Ion:136 Resp: 644733
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.0 6.9 10.3
68 7.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 79.611 ng

RT: 7.595 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF132444.D

Acq: 16 Feb 2023 21:00

Instrument :

BNA_F

ClientSampleId :

COMP-277-281

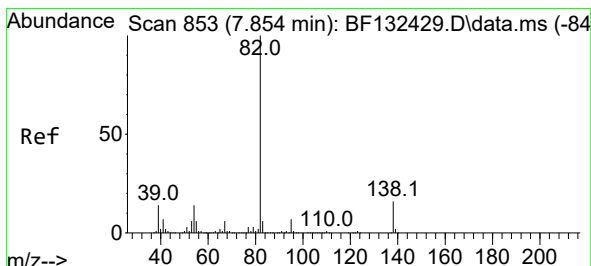
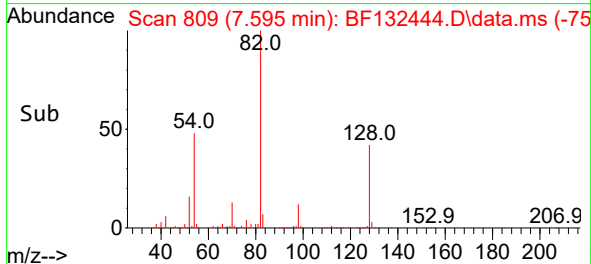
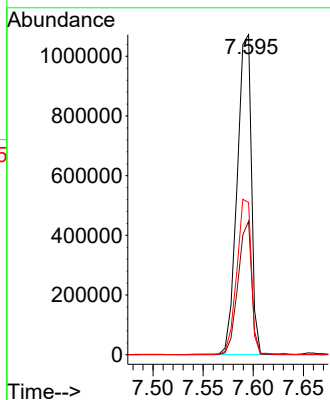
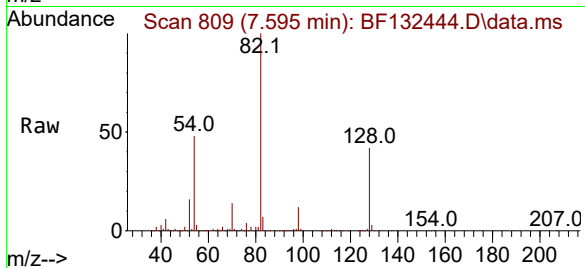
Tgt Ion: 82 Resp: 1068228

Ion Ratio Lower Upper

82 100

128 41.7 30.8 46.2

54 47.5 40.2 60.4



#25

Isophorone

Concen: 40.286 ng

RT: 7.595 min Scan# 809

Delta R.T. -0.259 min

Lab File: BF132444.D

Acq: 16 Feb 2023 21:00

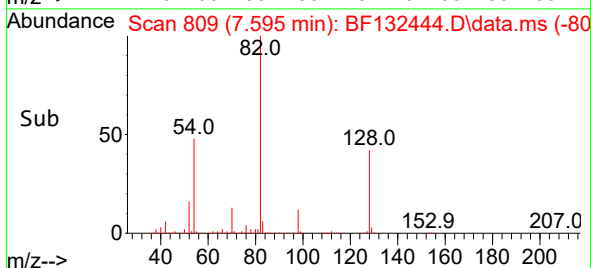
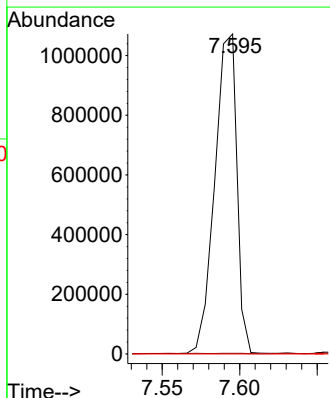
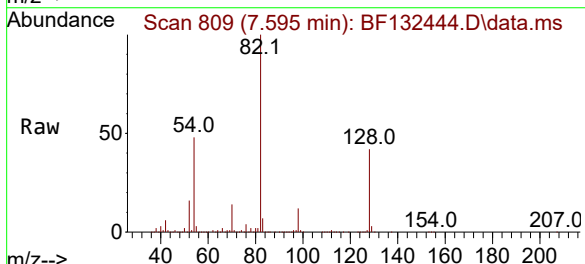
Tgt Ion: 82 Resp: 1062207

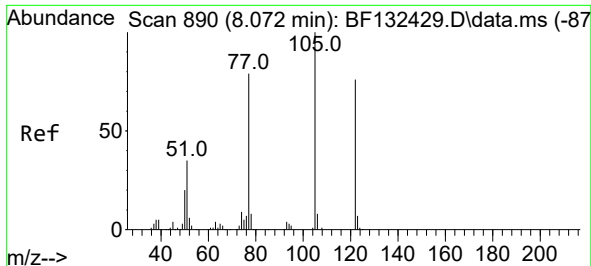
Ion Ratio Lower Upper

82 100

95 0.2 5.5 8.3#

138 0.0 12.7 19.1#

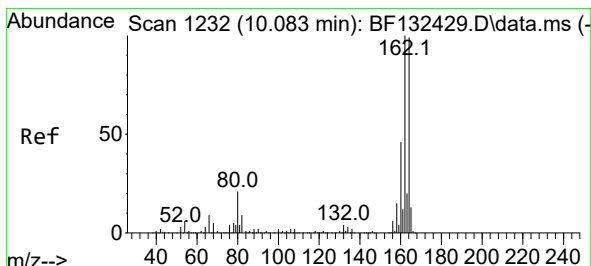
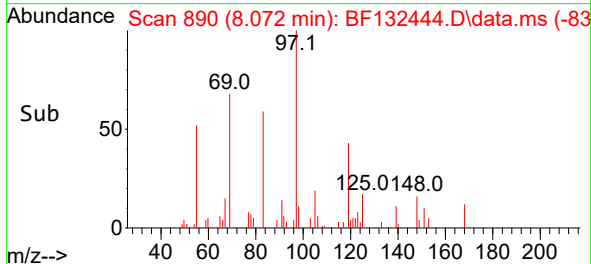
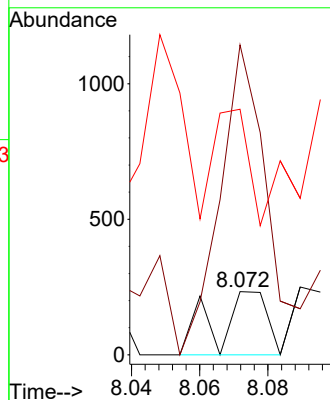
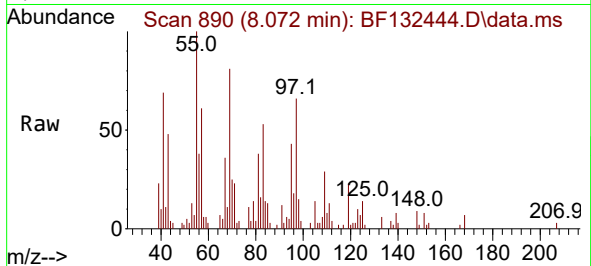




#32
Benzoic acid
Concen: 7.177 ng
RT: 8.072 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

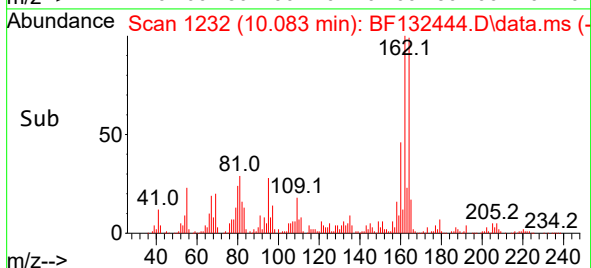
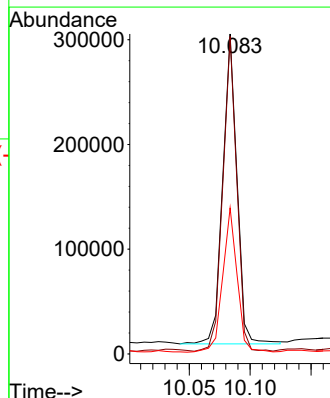
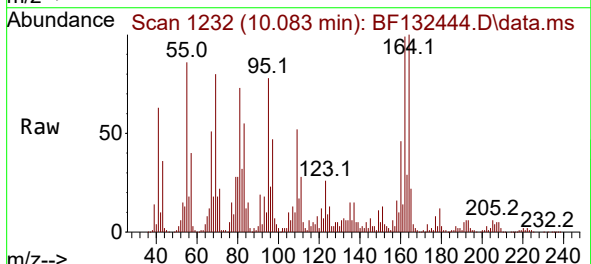
Instrument :
BNA_F
ClientSampleId :
COMP-277-281

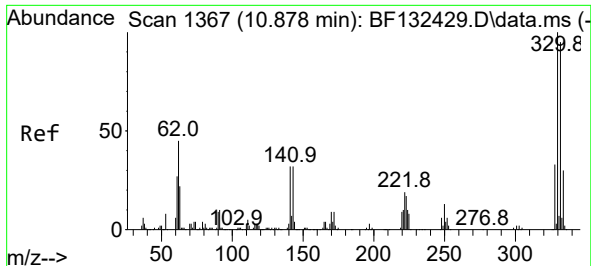
Tgt Ion:122 Resp: 240
Ion Ratio Lower Upper
122 100
105 490.6 109.7 149.7#
77 388.8 83.8 123.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.083 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Tgt Ion:164 Resp: 241246
Ion Ratio Lower Upper
164 100
162 99.2 80.8 121.2
160 45.7 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 142.944 ng

RT: 10.889 min Scan# 11369

Delta R.T. 0.012 min

Lab File: BF132444.D

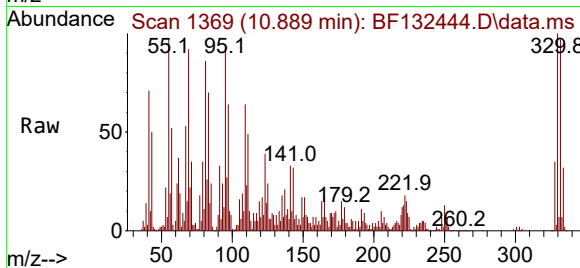
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Instrument :

BNA_F

ClientSampleId :

COMP-277-281



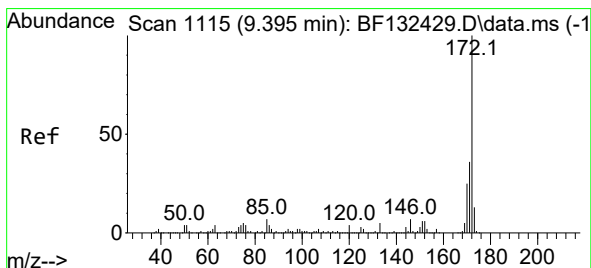
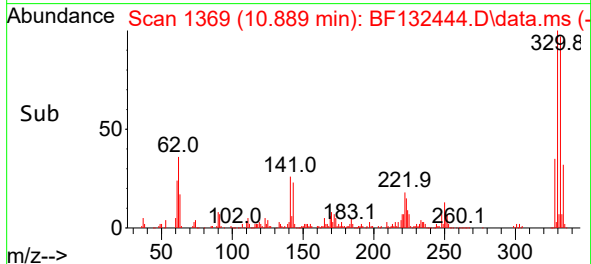
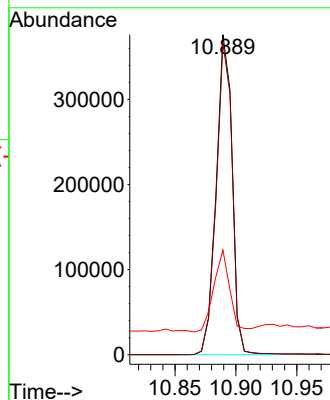
Tgt Ion:330 Resp: 344068

Ion Ratio Lower Upper

330 100

332 97.9 76.3 114.5

141 25.7 30.3 45.5#



#45

2-Fluorobiphenyl

Concen: 99.977 ng

RT: 9.395 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF132444.D

Acq: 16 Feb 2023 21:00

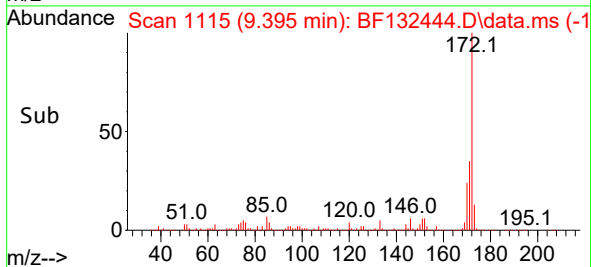
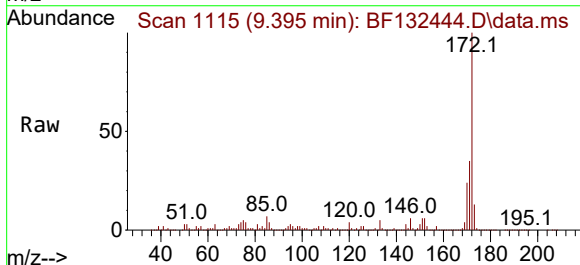
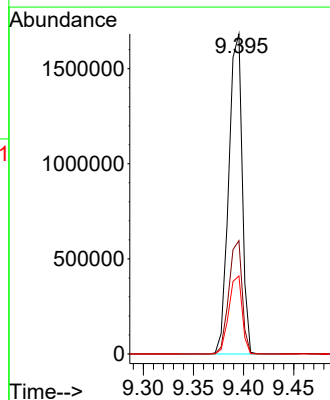
Tgt Ion:172 Resp: 1561811

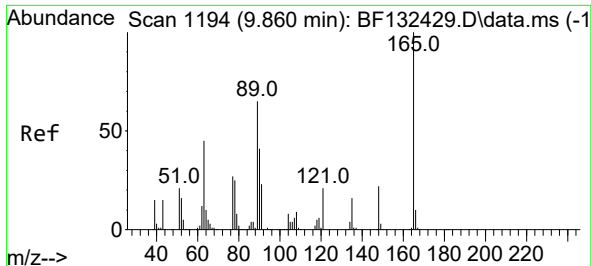
Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 24.4 19.9 29.9

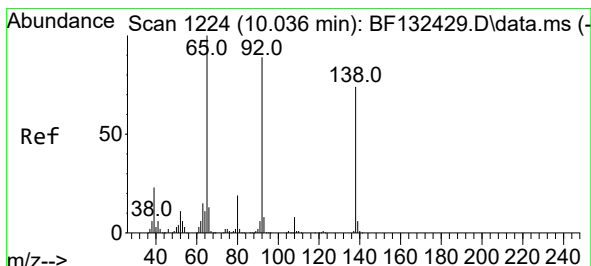
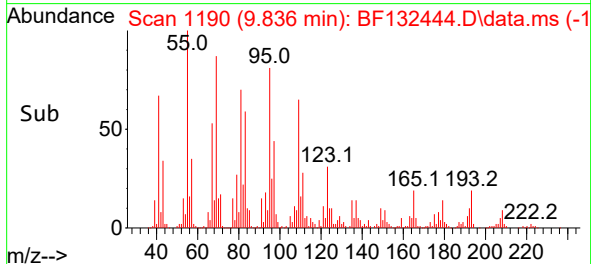
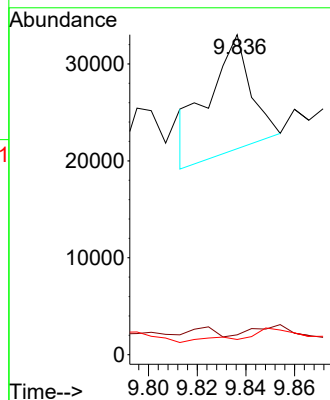
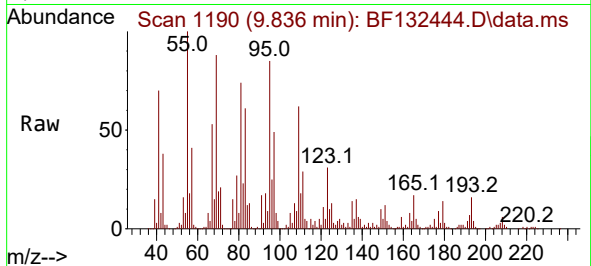




#51
2,6-Dinitrotoluene
Concen: 3.789 ng
RT: 9.836 min Scan# 1194
Delta R.T. -0.024 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

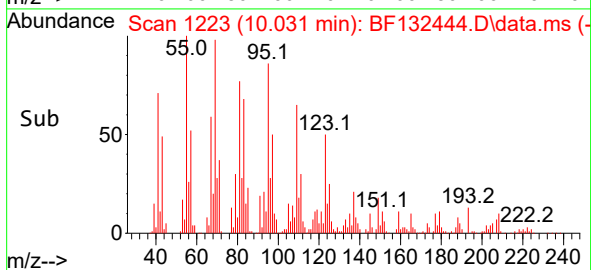
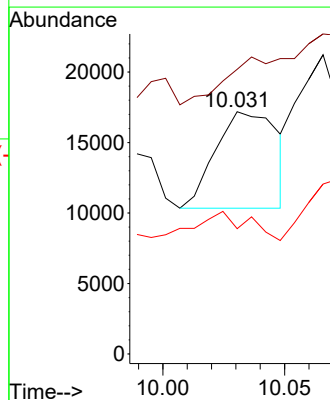
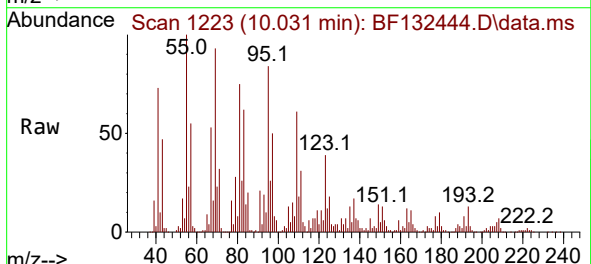
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COMP-277-281

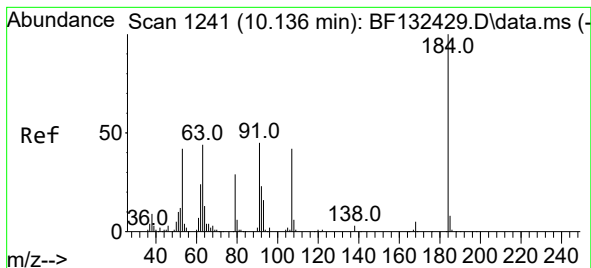
Tgt Ion:165 Resp: 14637
Ion Ratio Lower Upper
165 100
63 6.2 50.4 75.6#
89 4.7 52.2 78.2#



#53
3-Nitroaniline
Concen: 2.715 ng
RT: 10.031 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Tgt Ion:138 Resp: 12043
Ion Ratio Lower Upper
138 100
108 117.5 8.1 12.1#
92 51.7 96.0 144.0#

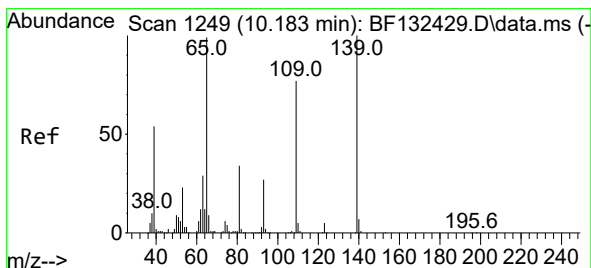
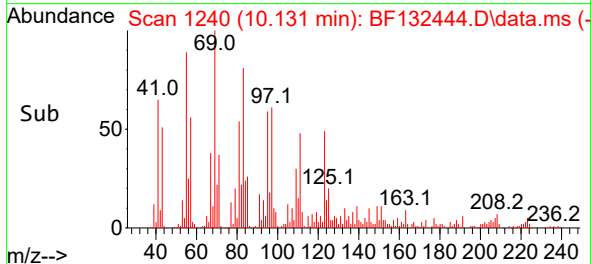
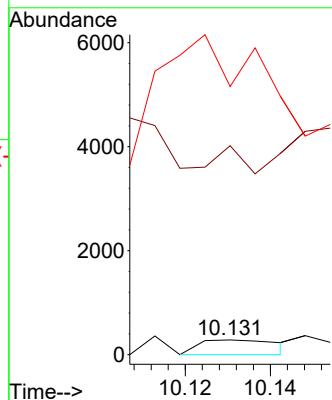
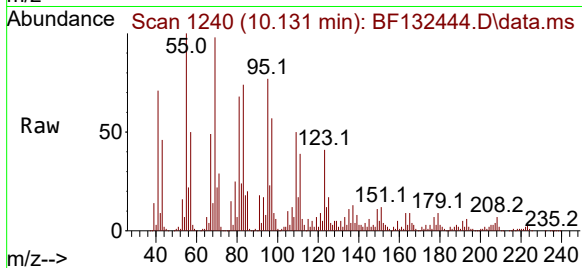




#54
2,4-Dinitrophenol
Concen: 5.272 ng
RT: 10.131 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

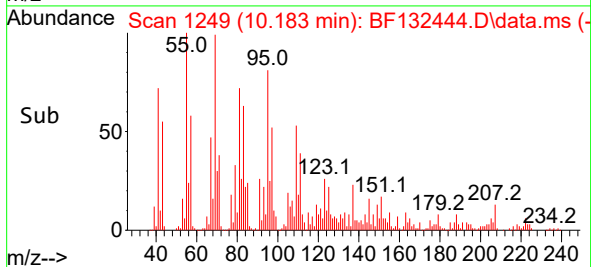
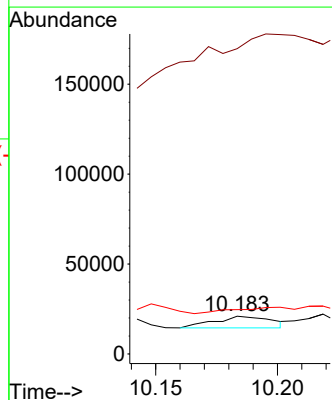
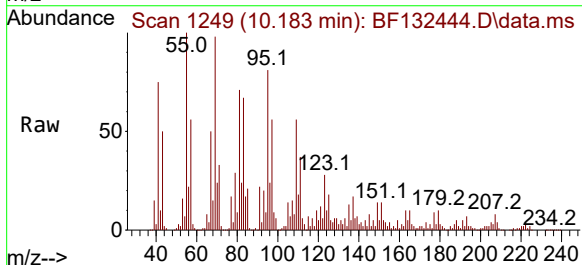
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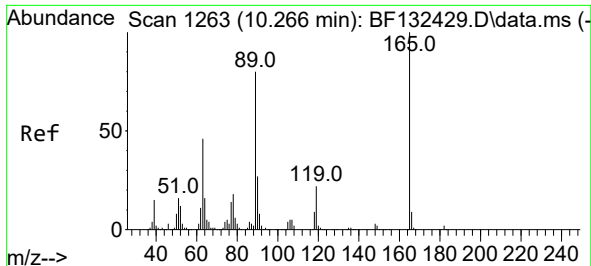
Tgt Ion:184 Resp: 368
Ion Ratio Lower Upper
184 100
63 1415.1 47.0 70.6#
154 1815.5 49.0 73.6#



#56
4-Nitrophenol
Concen: 3.310 ng
RT: 10.183 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Tgt Ion:139 Resp: 10653
Ion Ratio Lower Upper
139 100
109 807.9 57.2 97.2#
65 117.2 79.2 119.2

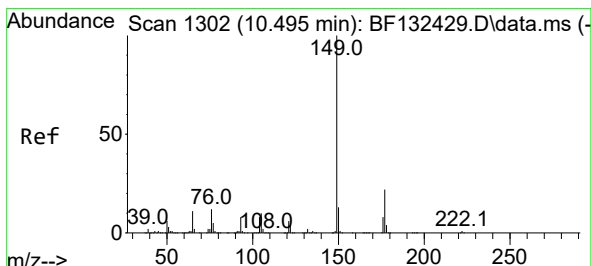
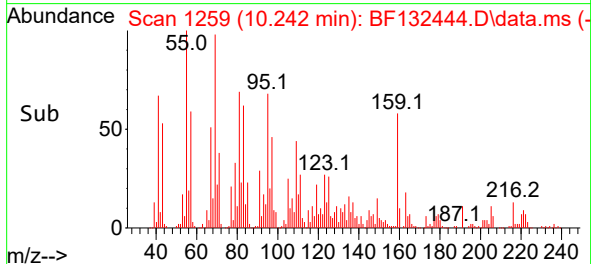
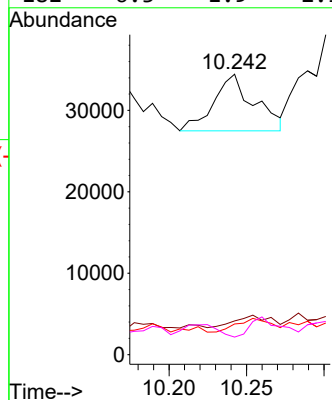
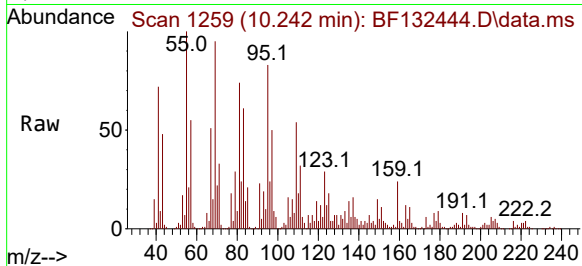




#57
2,4-Dinitrotoluene
Concen: 2.474 ng
RT: 10.242 min Scan# 1259
Delta R.T. -0.024 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

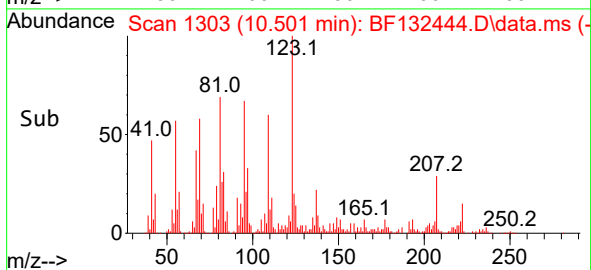
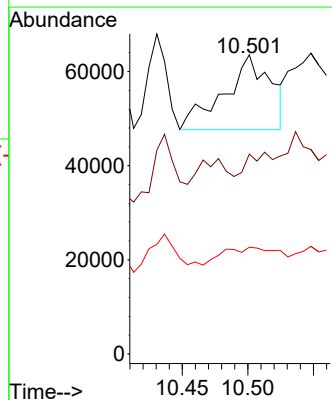
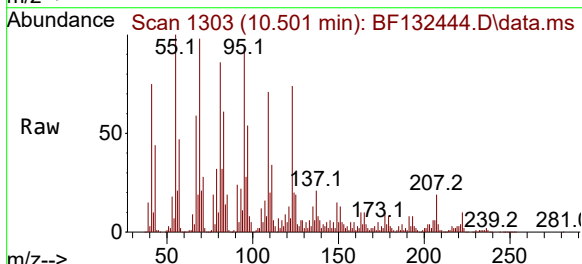
Instrument :
BNA_F
ClientSampleId :
COMP-277-281

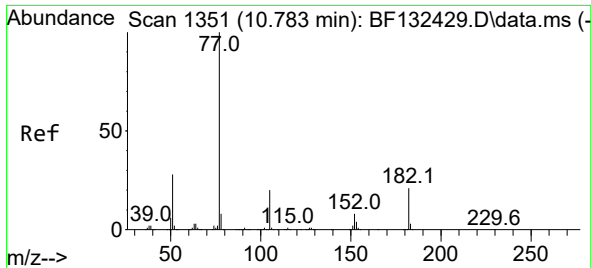
Tgt Ion:165 Resp: 12583
Ion Ratio Lower Upper
165 100
63 12.0 37.1 55.7#
89 11.0 63.6 95.4#
182 6.3 1.9 2.9#



#60
Diethylphthalate
Concen: 2.232 ng
RT: 10.501 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Tgt Ion:149 Resp: 38974
Ion Ratio Lower Upper
149 100
177 66.8 17.8 26.8#
150 35.7 10.0 15.0#

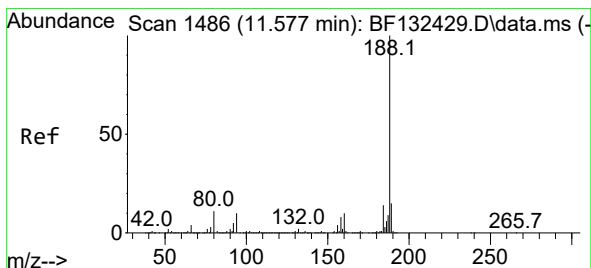
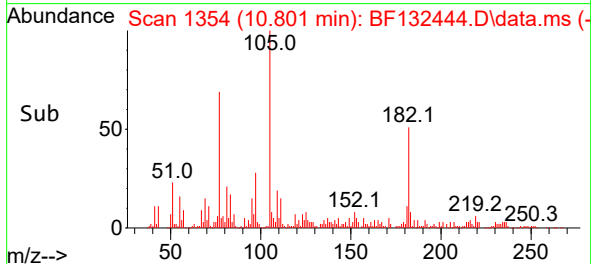
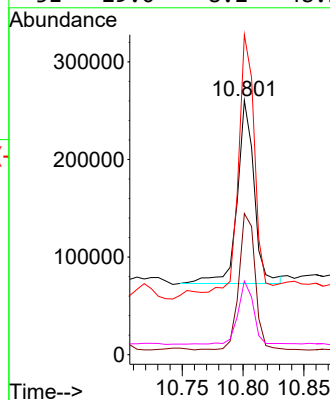
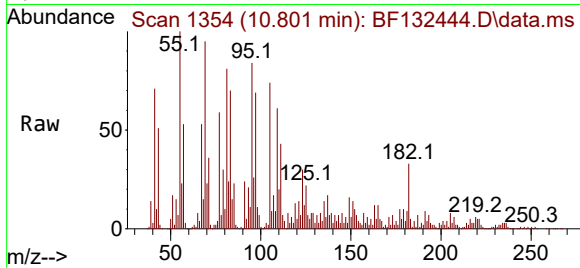




#63
Azobenzene
Concen: 9.329 ng
RT: 10.801 min Scan# 1490
Delta R.T. 0.018 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

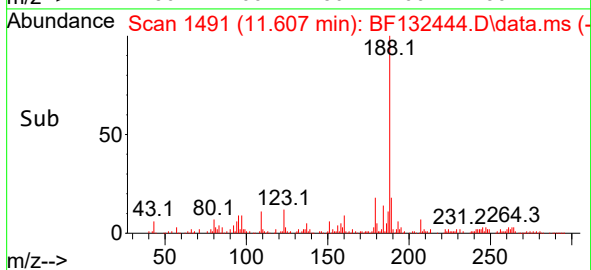
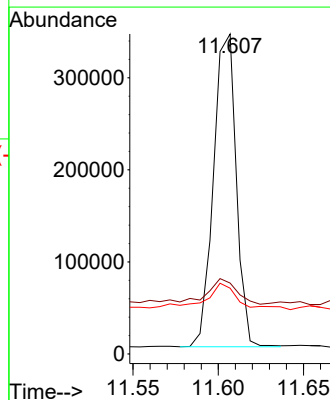
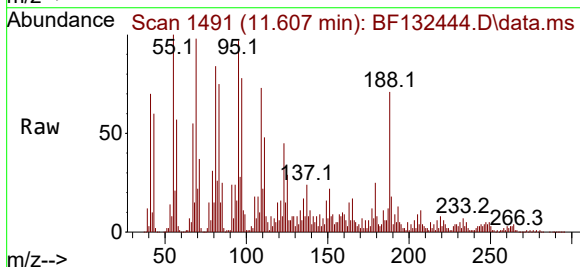
Instrument :
BNA_F
ClientSampleId :
COMP-277-281

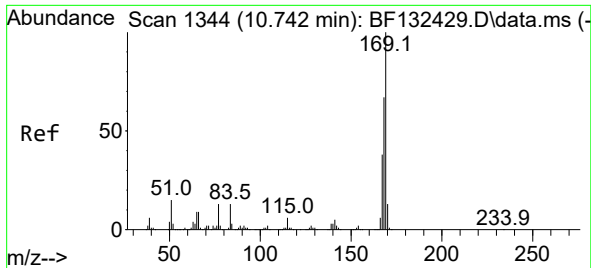
Tgt Ion: 77 Resp: 180267
Ion Ratio Lower Upper
77 100
182 55.5 1.4 41.4#
105 125.9 0.1 40.1#
51 29.0 8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.607 min Scan# 1491
Delta R.T. 0.029 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Tgt Ion: 188 Resp: 315981
Ion Ratio Lower Upper
188 100
94 22.2 8.0 12.0#
80 20.6 8.6 12.8#

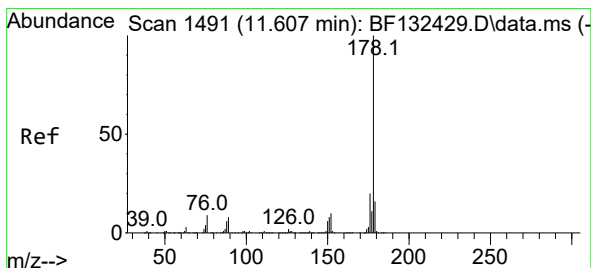
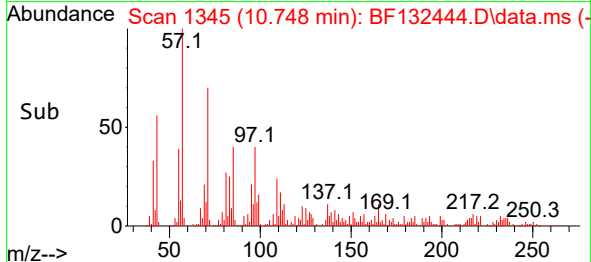
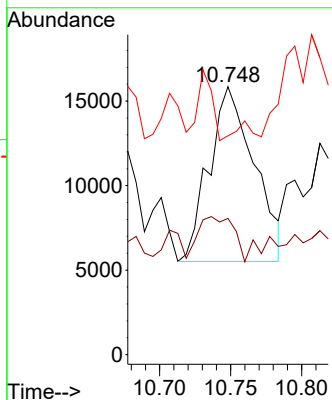
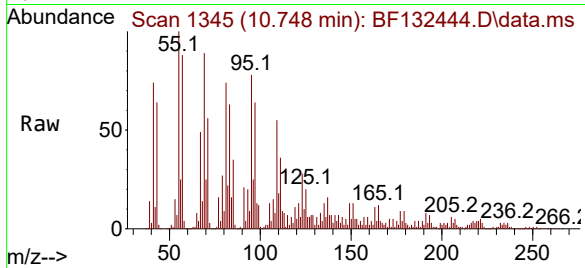




#66
n-Nitrosodiphenylamine
Concen: 2.354 ng
RT: 10.748 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

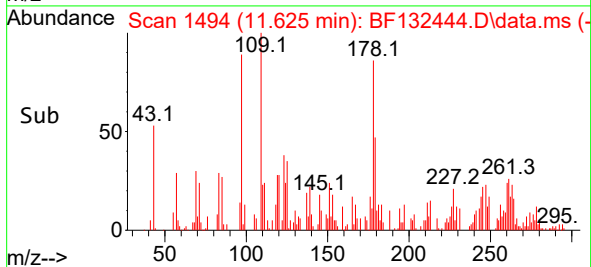
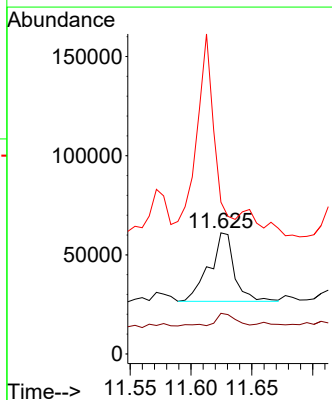
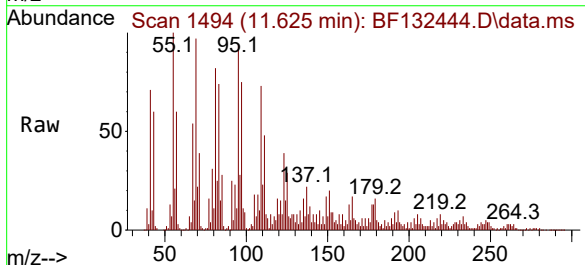
Instrument :
BNA_F
ClientSampleId :
COMP-277-281

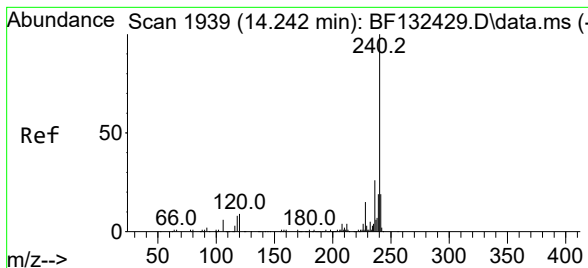
Tgt Ion:169 Resp: 22827
Ion Ratio Lower Upper
169 100
168 50.9 53.5 80.3#
167 81.7 30.2 45.2#



#71
Phenanthrene
Concen: 3.030 ng
RT: 11.625 min Scan# 1494
Delta R.T. 0.018 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Tgt Ion:178 Resp: 49311
Ion Ratio Lower Upper
178 100
176 33.5 16.2 24.2#
179 125.4 12.6 18.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.242 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BF132444.D

Acq: 16 Feb 2023 21:00

Instrument :

BNA_F

ClientSampleId :

COMP-277-281

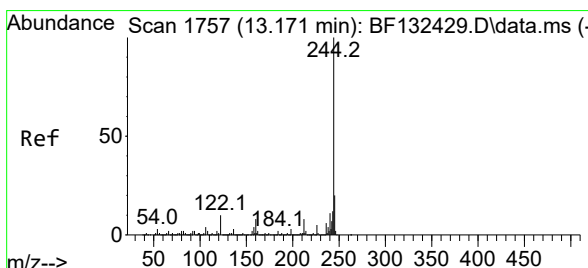
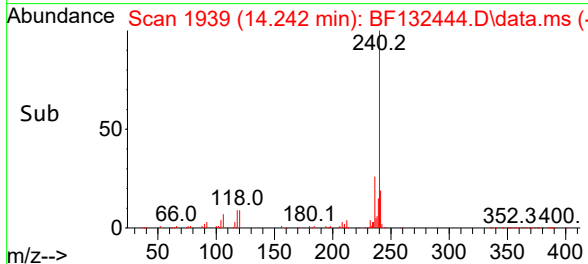
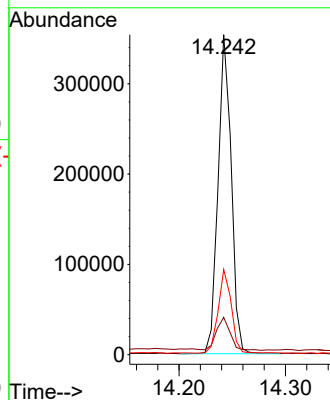
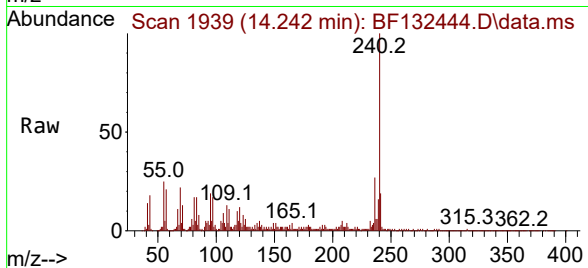
Tgt Ion:240 Resp: 302886

Ion Ratio Lower Upper

240 100

120 11.7 7.5 11.3#

236 26.6 21.0 31.6



#79

Terphenyl-d14

Concen: 74.447 ng

RT: 13.189 min Scan# 1760

Delta R.T. 0.018 min

Lab File: BF132444.D

Acq: 16 Feb 2023 21:00

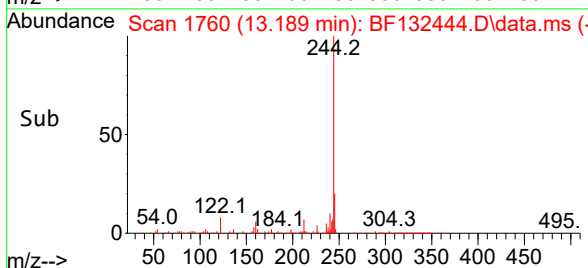
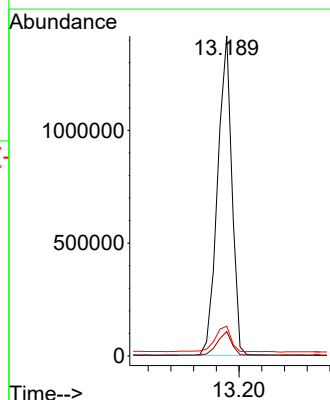
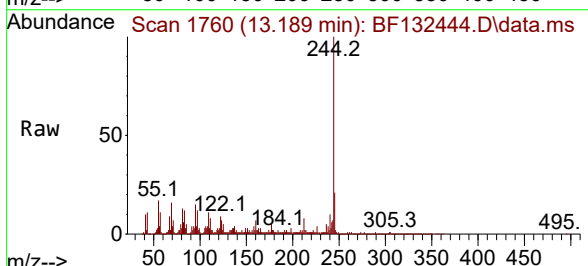
Tgt Ion:244 Resp: 1238134

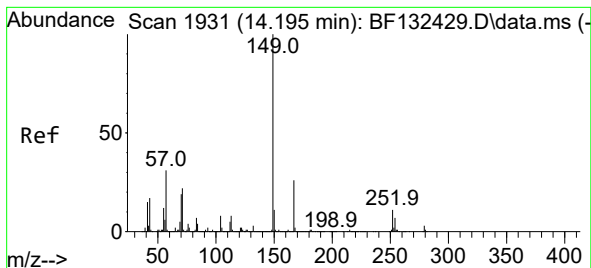
Ion Ratio Lower Upper

244 100

212 7.6 6.7 10.1

122 9.3 7.7 11.5

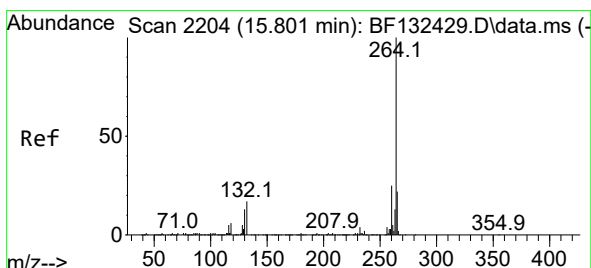
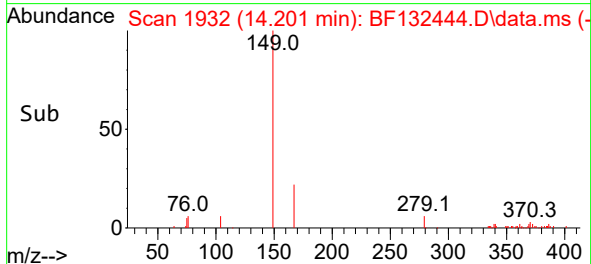
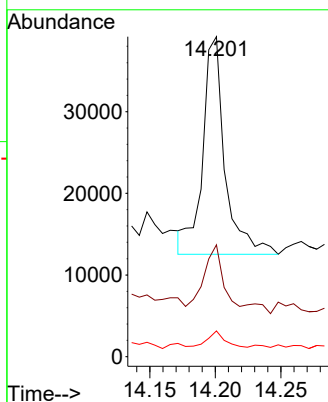
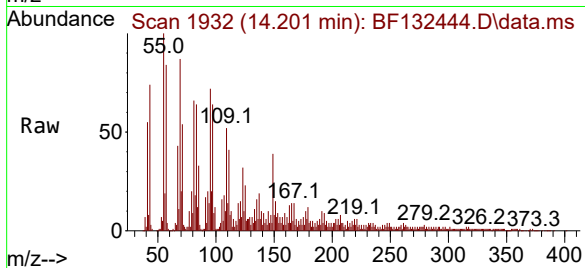




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.542 ng
RT: 14.201 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Instrument :
BNA_F
ClientSampleId :
COMP-277-281

Tgt Ion:149 Resp: 31591
Ion Ratio Lower Upper
149 100
167 34.9 21.0 31.6#
279 8.1 2.5 3.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.795 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BF132444.D
Acq: 16 Feb 2023 21:00

Tgt Ion:264 Resp: 356174
Ion Ratio Lower Upper
264 100
260 23.7 20.0 30.0
265 21.7 17.2 25.8

