

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131764.D
 Acq On : 22 Dec 2022 01:07
 Operator : CG\JU
 Sample : N6129-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D8

Quant Time: Dec 22 05:53:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

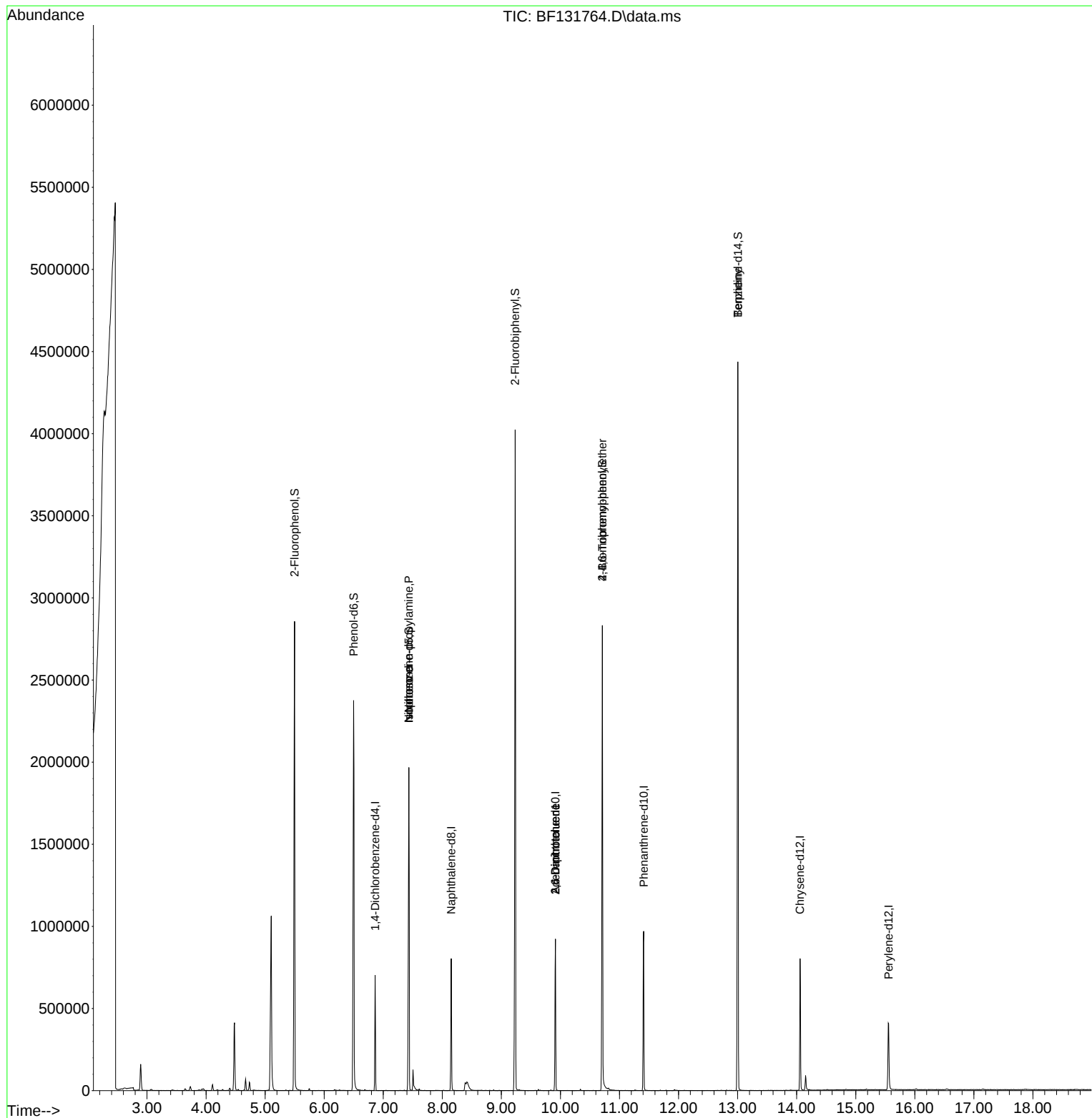
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	86321	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	305415	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	177995	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	358650	20.000	ng	0.00
76) Chrysene-d12	14.057	240	265605	20.000	ng	0.00
86) Perylene-d12	15.557	264	204564	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	747371	145.792	ng	0.02
7) Phenol-d6	6.498	99	906013	131.309	ng	0.00
23) Nitrobenzene-d5	7.434	82	732158	97.320	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	321588	165.067	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1273332	100.211	ng	0.00
79) Terphenyl-d14	13.004	244	1652011	96.937	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.422	77	235	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.434	70	102543	20.607	ng	# 80
25) Isophorone	7.434	82	730689	57.191	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	22459	7.799	ng	# 20
57) 2,4-Dinitrotoluene	9.916	165	22459	5.804	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	21769	5.139	ng	# 1
77) Benizidine	13.004	184	25406	5.216	ng	# 91

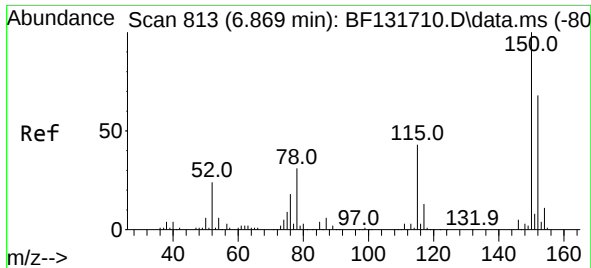
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131764.D
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Sample : N6129-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Dec 22 05:53:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 03:12:37 2022
Response via : Initial Calibration

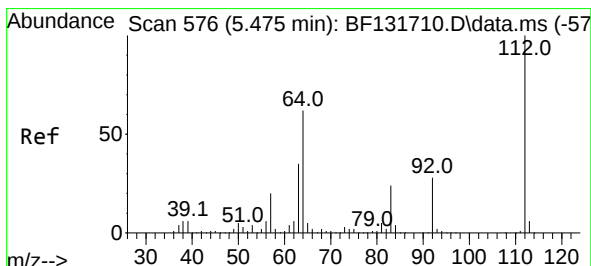
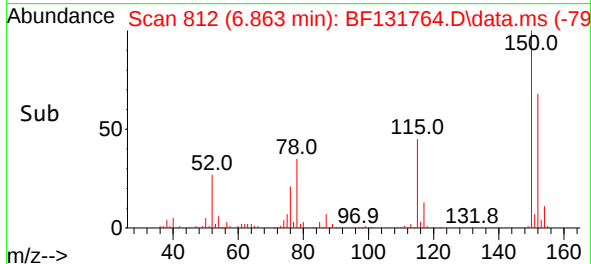
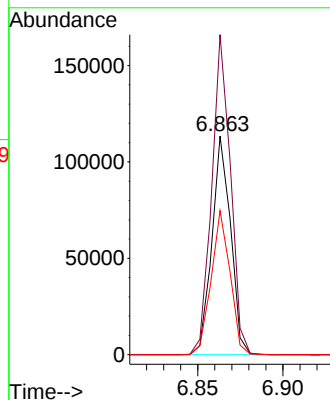
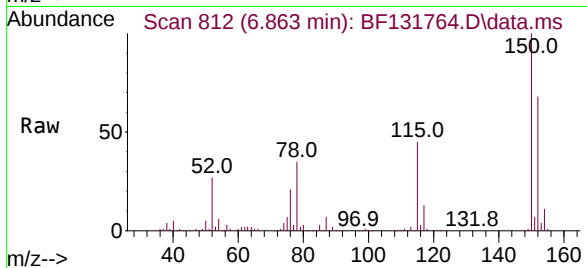




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131764.D
Acq: 22 Dec 2022 01:07

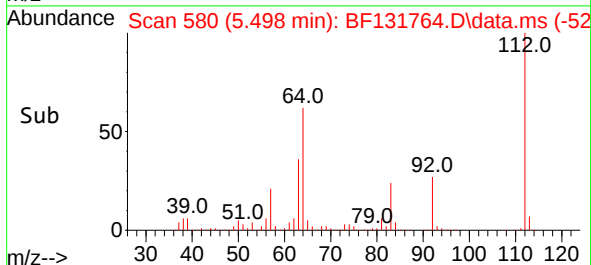
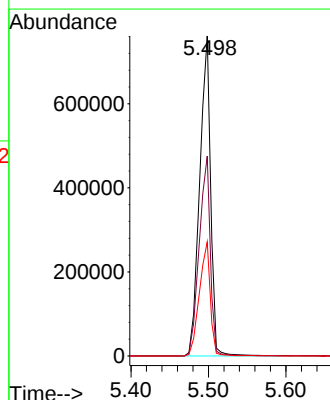
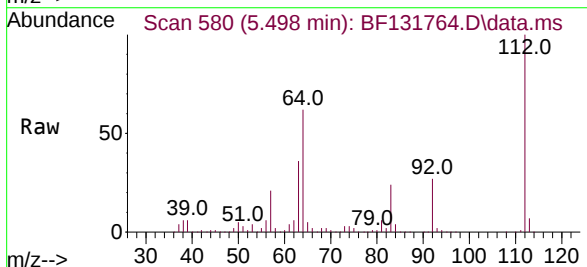
Instrument :
BNA_F
ClientSampleId :
D8

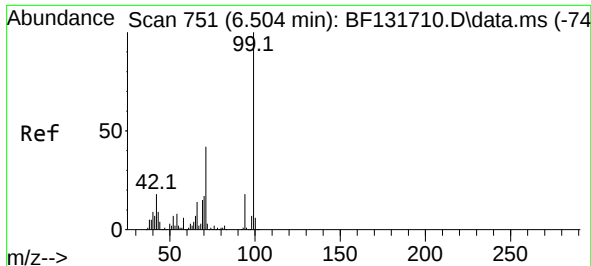
Tgt Ion:152 Resp: 86321
Ion Ratio Lower Upper
152 100
150 146.5 117.4 176.0
115 65.9 50.2 75.4



#5
2-Fluorophenol
Concen: 145.792 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.024 min
Lab File: BF131764.D
Acq: 22 Dec 2022 01:07

Tgt Ion:112 Resp: 747371
Ion Ratio Lower Upper
112 100
64 62.5 49.5 74.3
63 35.6 28.2 42.2





#7
Phenol-d6
Concen: 131.309 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131764.D
Acq: 22 Dec 2022 01:07

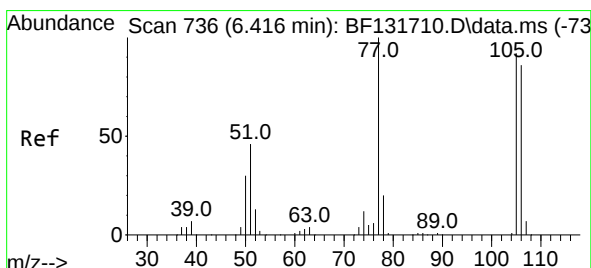
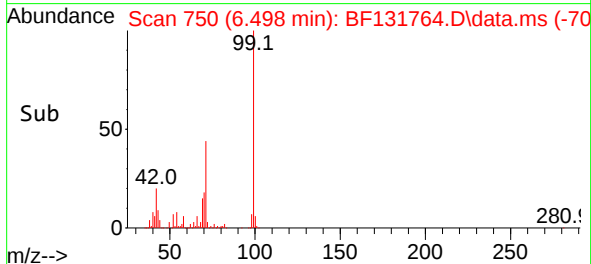
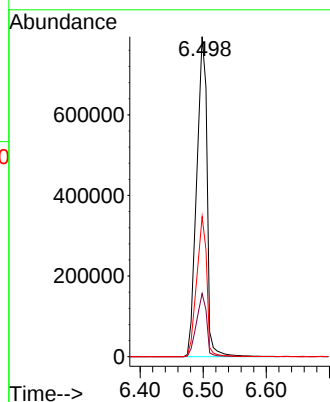
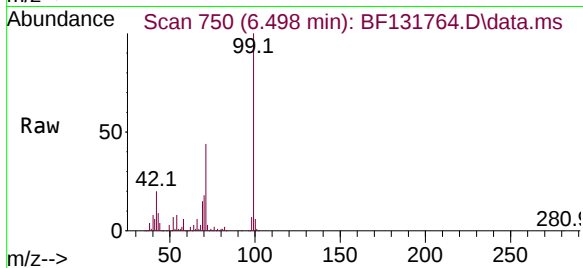
Instrument :

BNA_F

ClientSampleId :

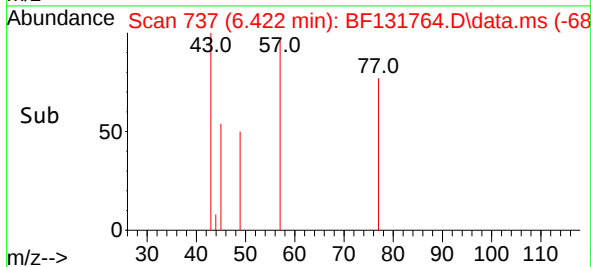
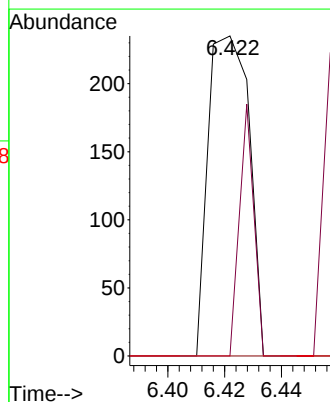
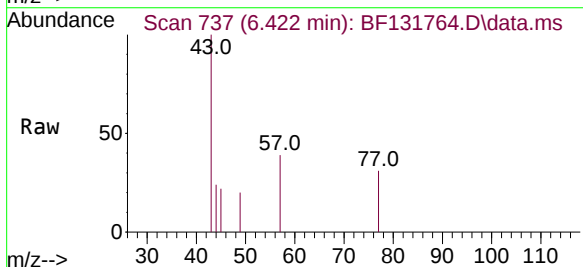
D8

Tgt Ion: 99 Resp: 906013
Ion Ratio Lower Upper
99 100
42 19.8 14.8 22.2
71 43.8 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.422 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF131764.D
Acq: 22 Dec 2022 01:07

Tgt Ion: 77 Resp: 235
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

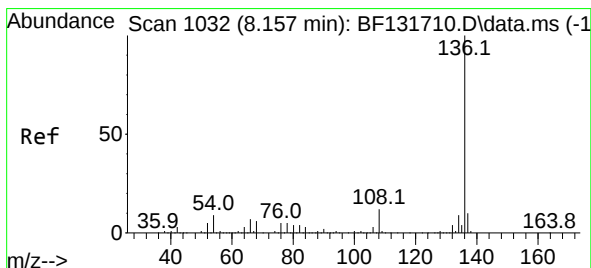
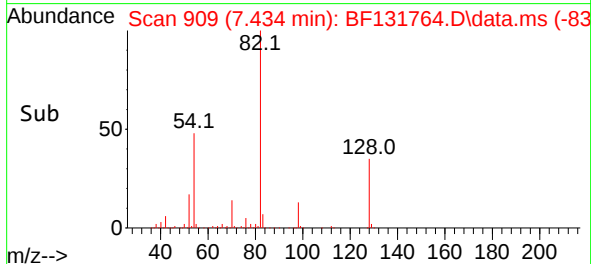
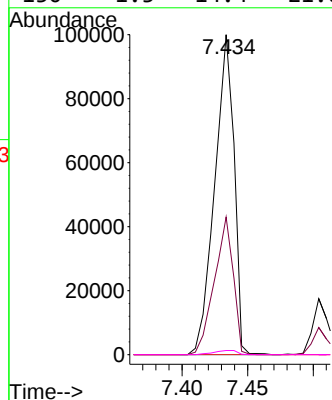
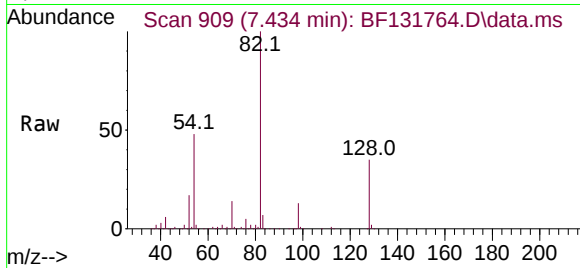




#19
n-Nitroso-di-n-propylamine
Concen: 20.607 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131764.D
Acq: 22 Dec 2022 01:07

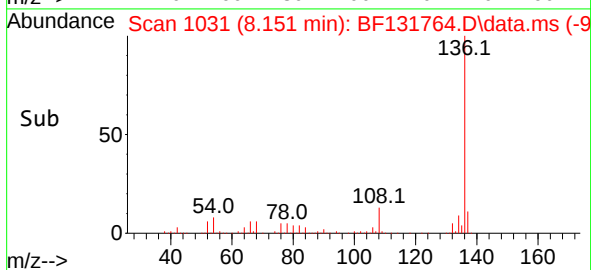
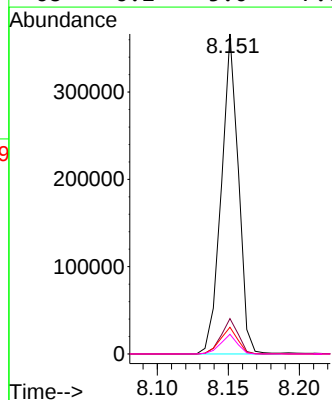
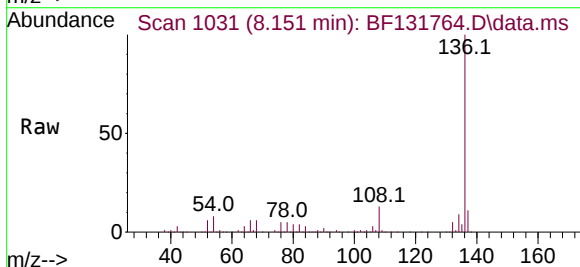
Instrument :
BNA_F
ClientSampleId :
D8

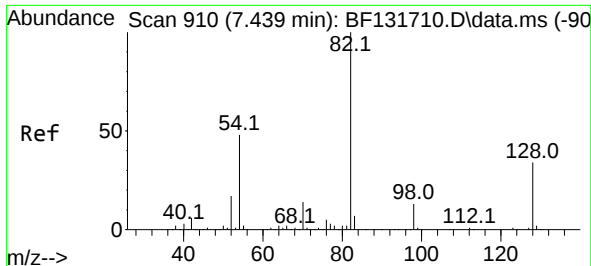
Tgt Ion: 70 Resp: 102543
Ion Ratio Lower Upper
70 100
42 43.0 41.5 62.3
101 0.0 7.3 10.9#
130 1.3 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131764.D
Acq: 22 Dec 2022 01:07

Tgt Ion: 136 Resp: 305415
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.4 7.2 10.8
68 6.2 5.0 7.6

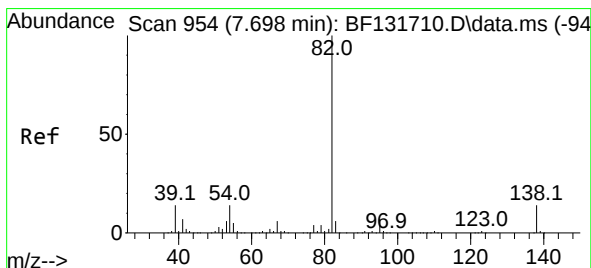
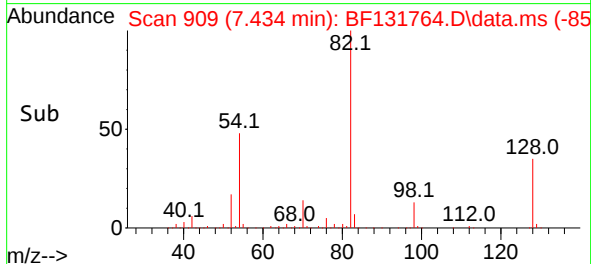
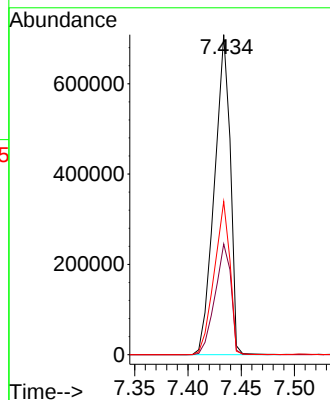
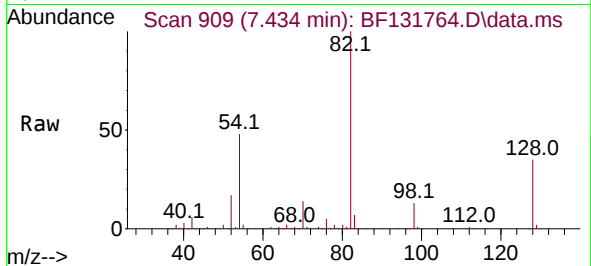




#23
Nitrobenzene-d5
Concen: 97.320 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF131764.D
Acq: 22 Dec 2022 01:07

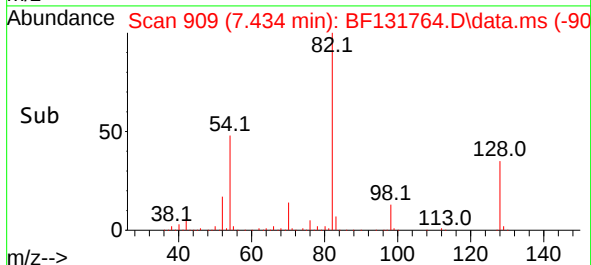
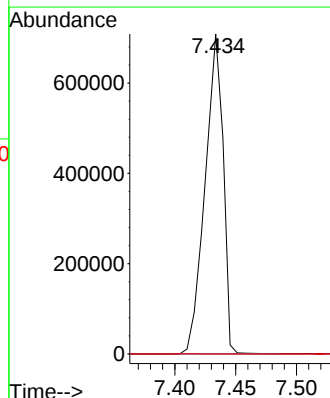
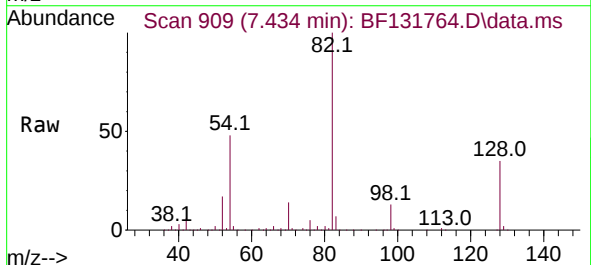
Instrument :
BNA_F
ClientSampleId :
D8

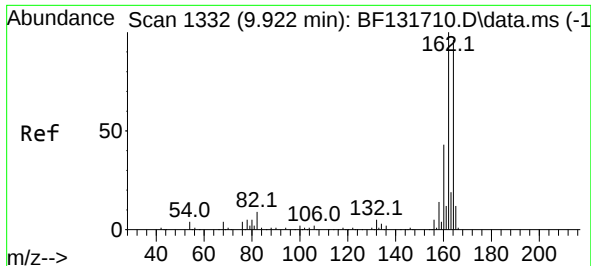
Tgt Ion: 82 Resp: 732158
Ion Ratio Lower Upper
82 100
128 34.6 27.3 40.9
54 47.8 38.2 57.2



#25
Isophorone
Concen: 57.191 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF131764.D
Acq: 22 Dec 2022 01:07

Tgt Ion: 82 Resp: 730689
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131764.D

Acq: 22 Dec 2022 01:07

Instrument :

BNA_F

ClientSampleId :

D8

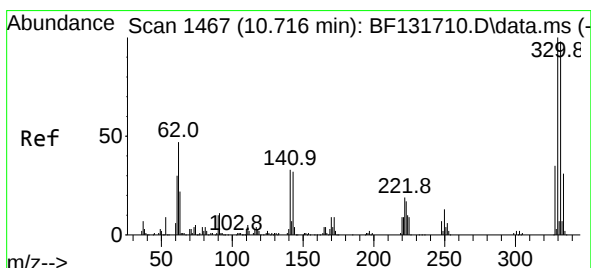
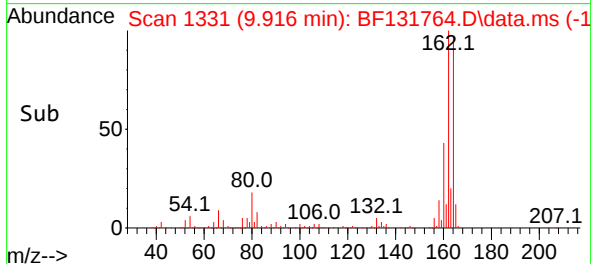
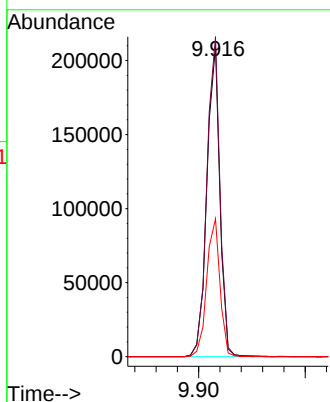
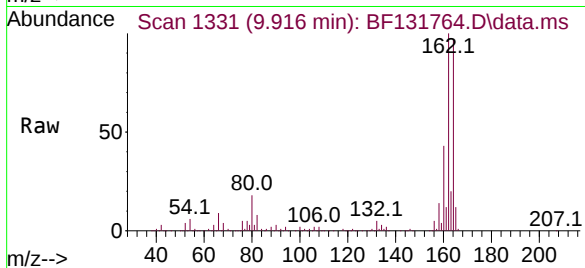
Tgt Ion:164 Resp: 177995

Ion Ratio Lower Upper

164 100

162 103.1 83.7 125.5

160 44.4 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 165.067 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF131764.D

Acq: 22 Dec 2022 01:07

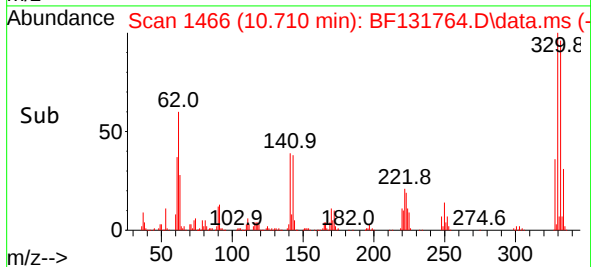
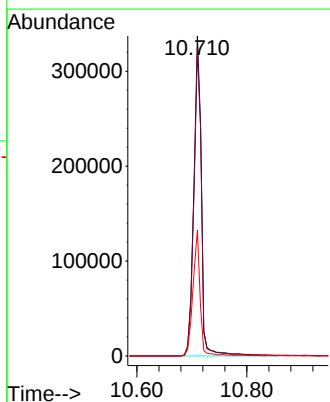
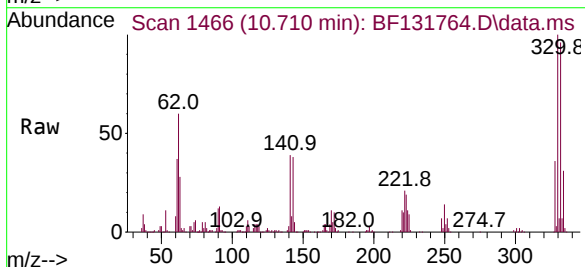
Tgt Ion:330 Resp: 321588

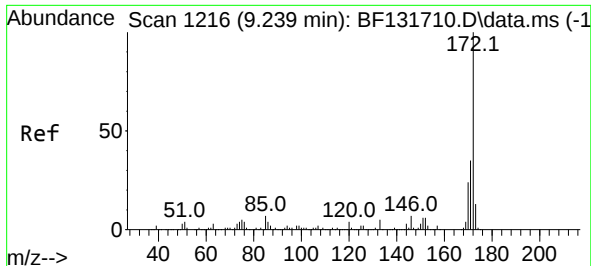
Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 36.9 30.4 45.6

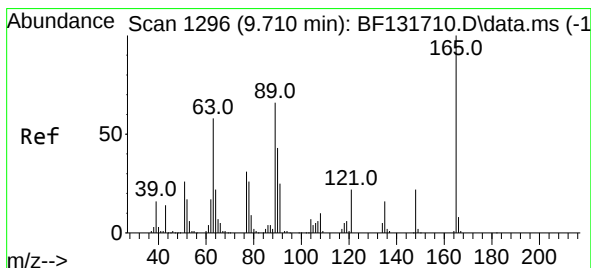
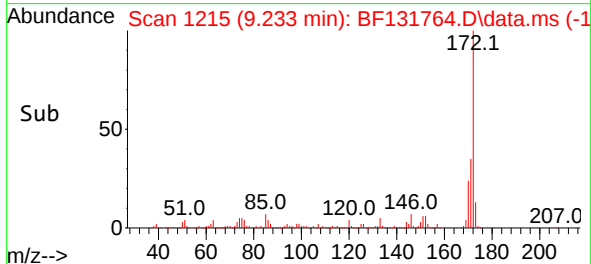
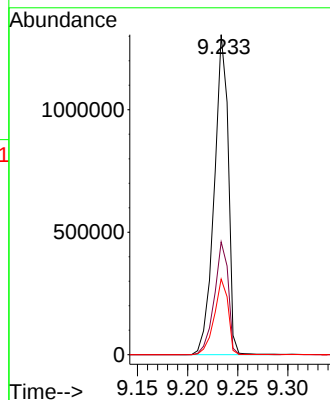
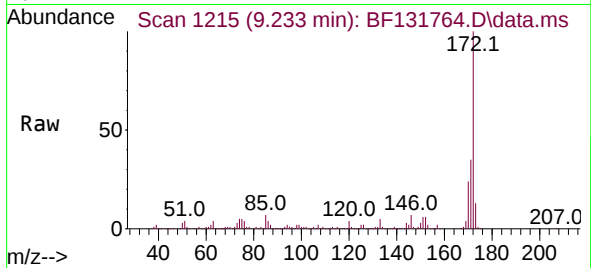




#45
2-Fluorobiphenyl
Concen: 100.211 ng
RT: 9.233 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF131764.D
Acq: 22 Dec 2022 01:07

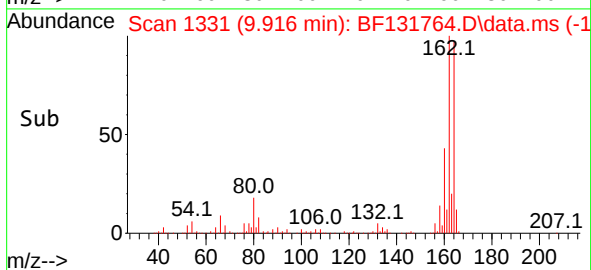
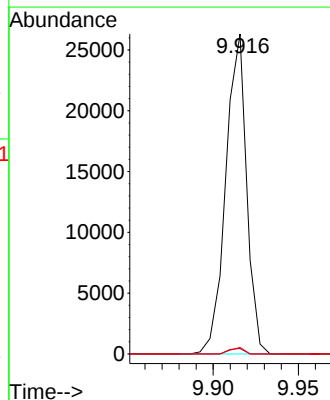
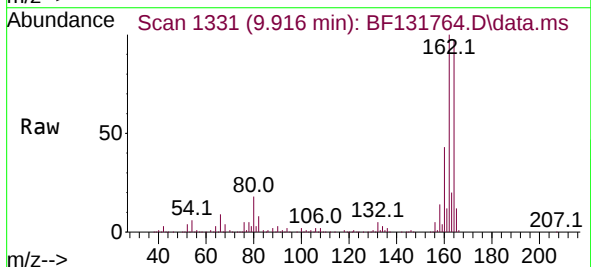
Instrument :
BNA_F
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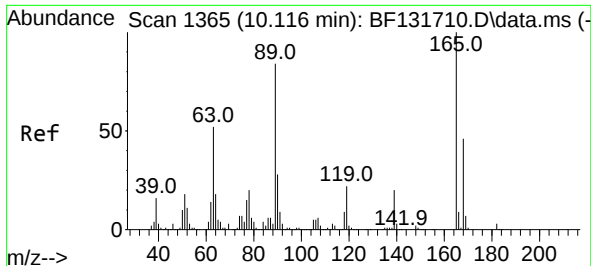
Tgt Ion:172 Resp: 1273332
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.7 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.799 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF131764.D
Acq: 22 Dec 2022 01:07

Tgt Ion:165 Resp: 22459
Ion Ratio Lower Upper
165 100
63 1.7 51.8 77.8#
89 2.0 53.2 79.8#

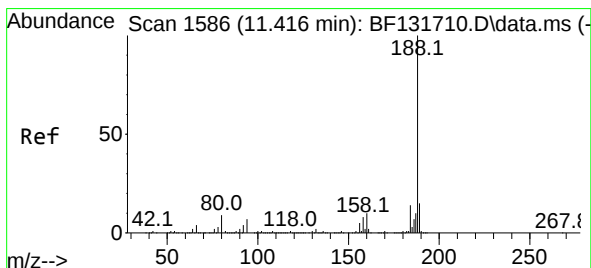
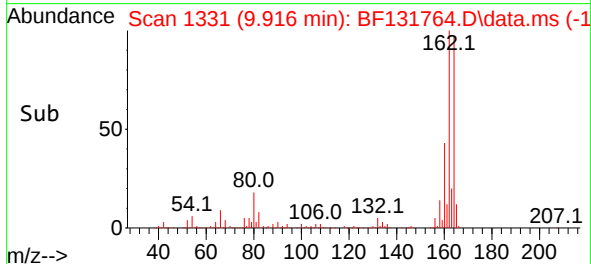
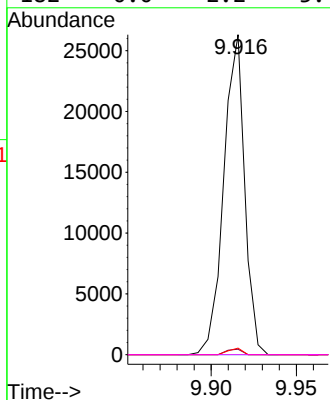
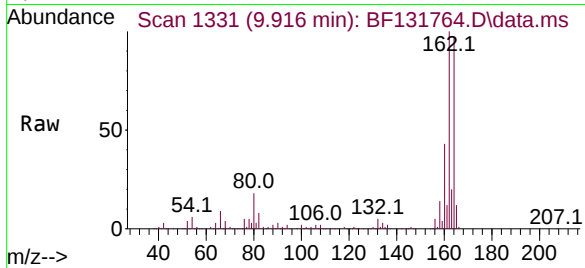




#57
2,4-Dinitrotoluene
Concen: 5.804 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131764.D
Acq: 22 Dec 2022 01:07

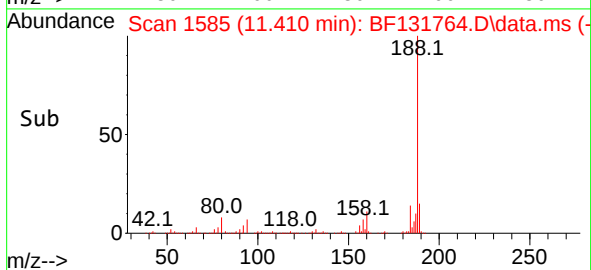
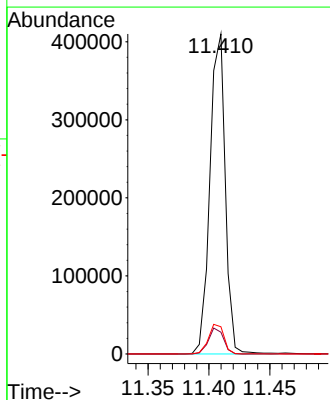
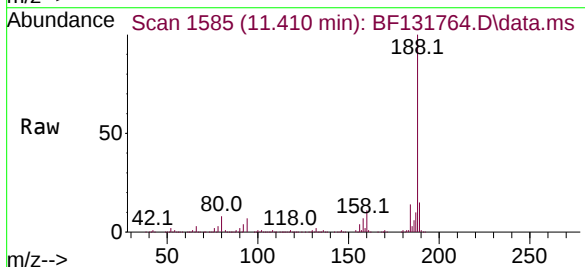
Instrument :
BNA_F
ClientSampleId :
D8

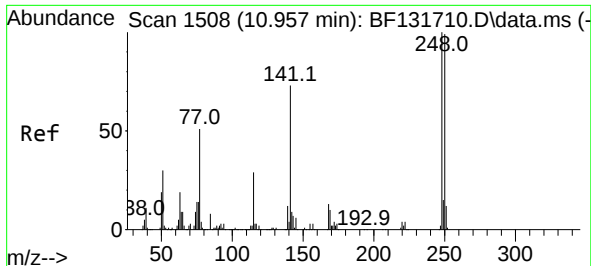
Tgt Ion:165 Resp: 22459
Ion Ratio Lower Upper
165 100
63 1.7 41.5 62.3#
89 2.0 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131764.D
Acq: 22 Dec 2022 01:07

Tgt Ion:188 Resp: 358650
Ion Ratio Lower Upper
188 100
94 6.8 5.9 8.9
80 8.5 7.0 10.6

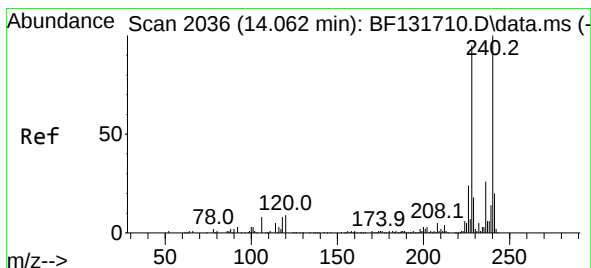
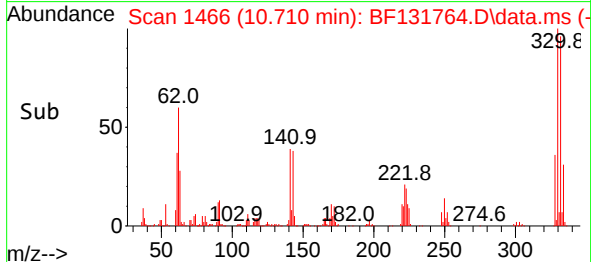
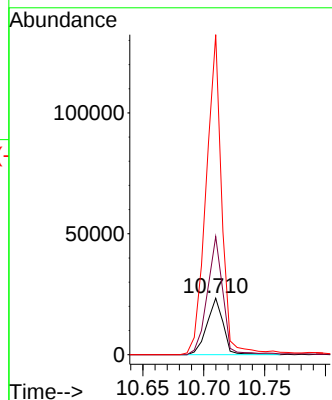
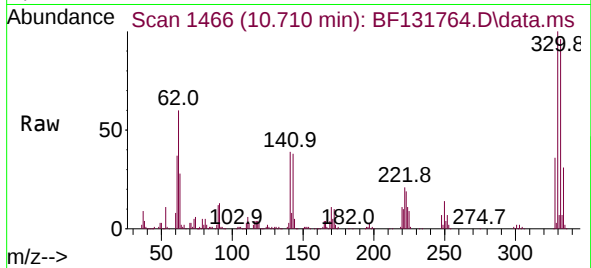




#67
4-Bromophenyl-phenylether
Concen: 5.139 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF131764.D
Acq: 22 Dec 2022 01:07

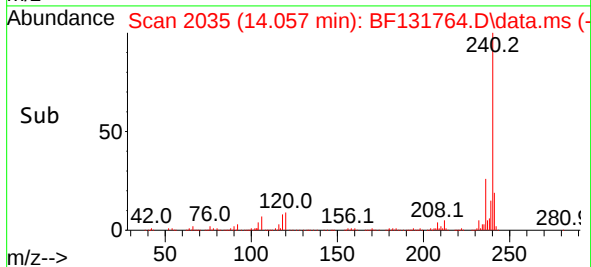
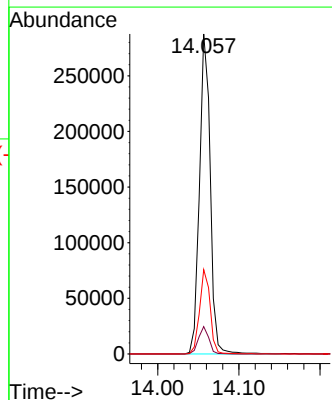
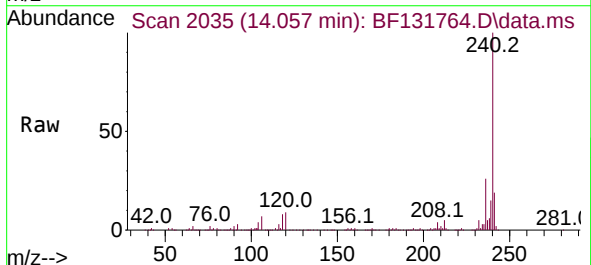
Instrument :
BNA_F
ClientSampleId :
D8

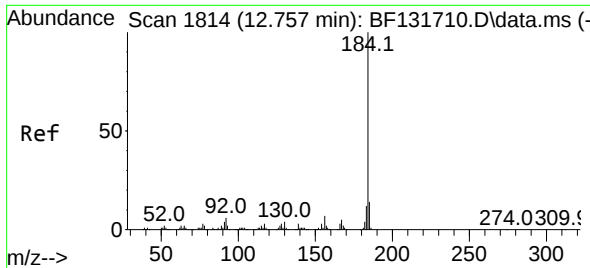
Tgt Ion:248 Resp: 21769
Ion Ratio Lower Upper
248 100
250 208.7 79.4 119.0#
141 565.8 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131764.D
Acq: 22 Dec 2022 01:07

Tgt Ion:240 Resp: 265605
Ion Ratio Lower Upper
240 100
120 8.5 7.6 11.4
236 26.3 21.2 31.8

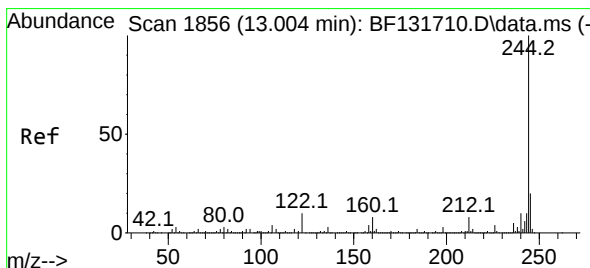
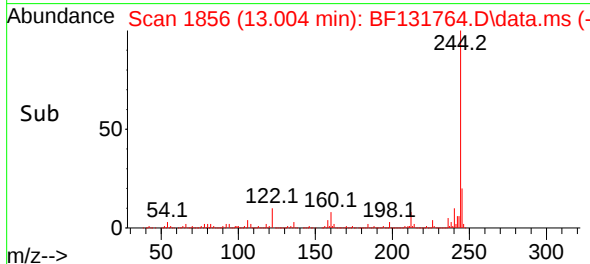
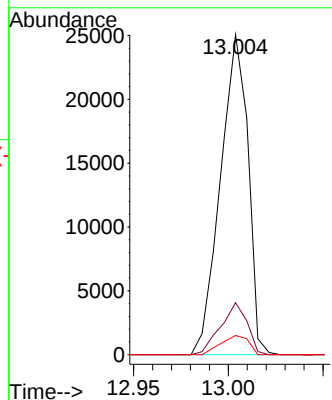
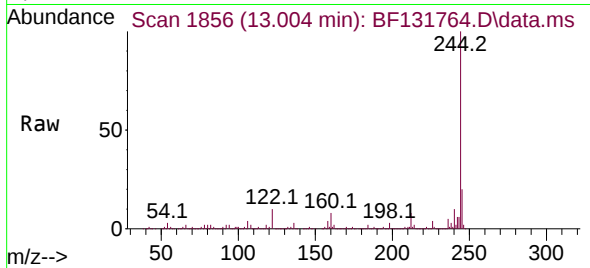




#77
Benzidine
Concen: 5.216 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.247 min
Lab File: BF131764.D
Acq: 22 Dec 2022 01:07

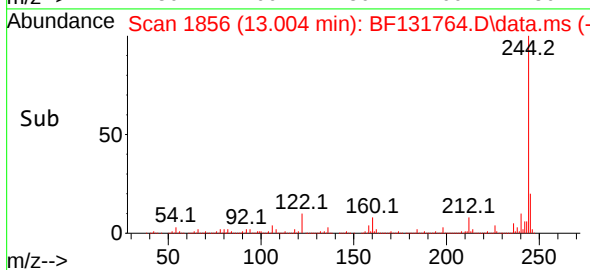
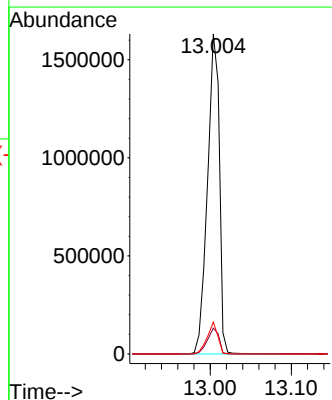
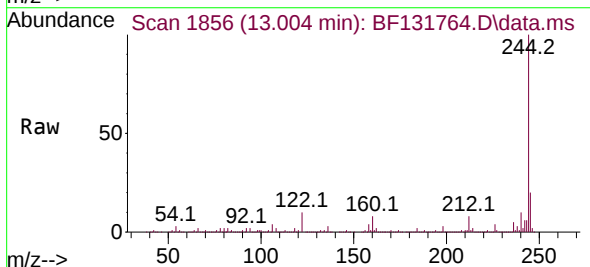
Instrument :
BNA_F
ClientSampleId :
D8

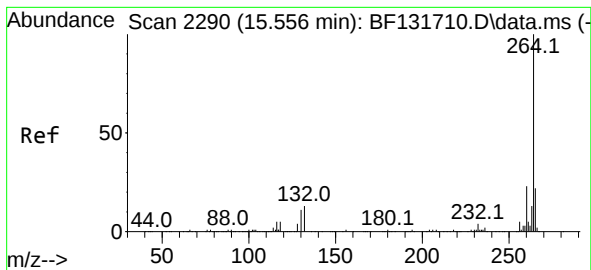
Tgt Ion:184 Resp: 25406
Ion Ratio Lower Upper
184 100
185 16.3 11.3 16.9
183 6.0 9.3 13.9#



#79
Terphenyl-d14
Concen: 96.937 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BF131764.D
Acq: 22 Dec 2022 01:07

Tgt Ion:244 Resp: 1652011
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 10.0 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131764.D
Acq: 22 Dec 2022 01:07

Instrument :
BNA_F
ClientSampleId :
D8

Tgt Ion:264 Resp: 204564

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	20.6	17.4	26.2

