

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131272.D
 Acq On : 16 Nov 2022 18:50
 Operator : CG\JU
 Sample : N5564-02RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1(OW)RE

Quant Time: Nov 16 22:17:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

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

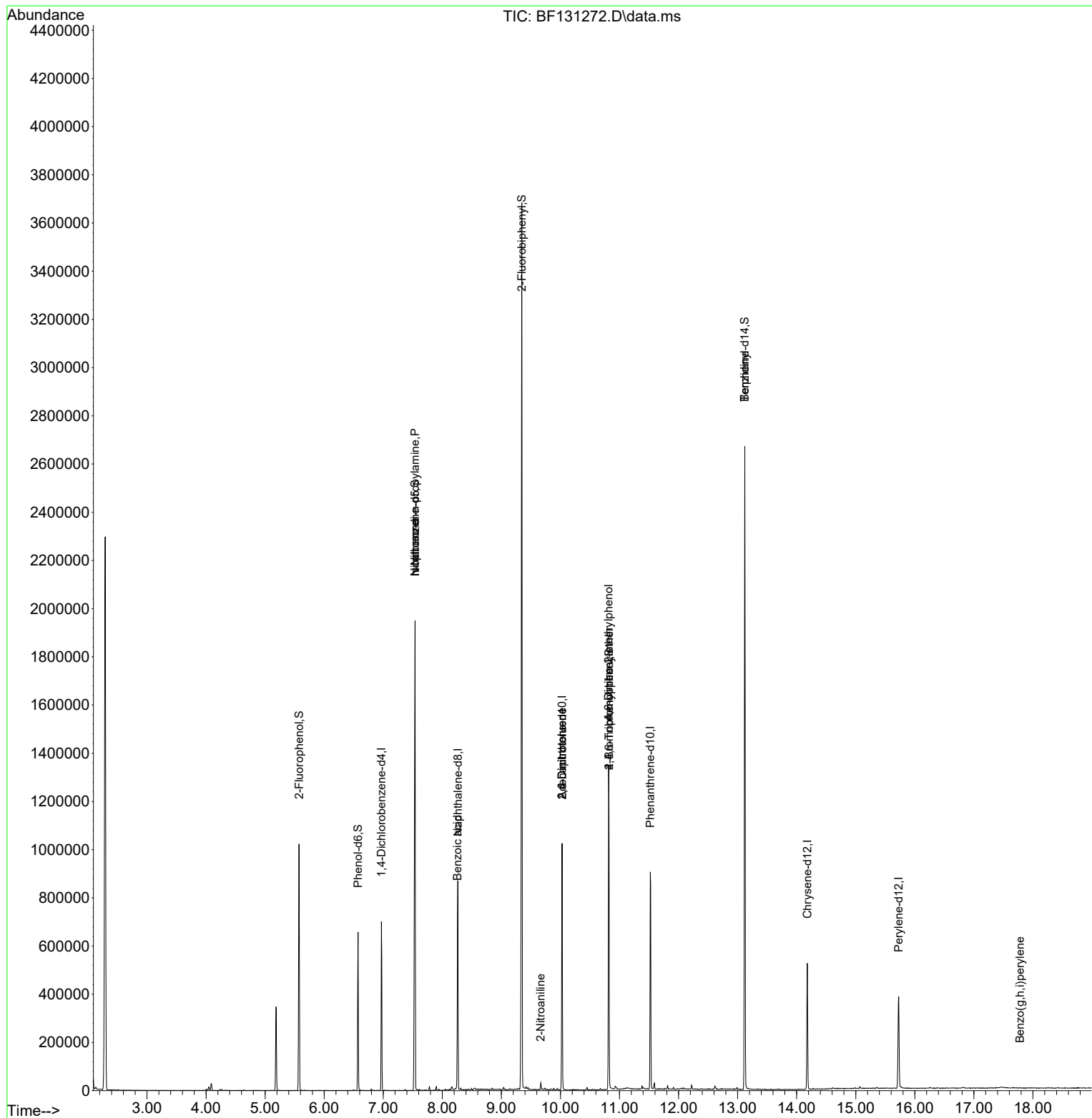
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	94913	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	346029	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	192715	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	343902	20.000	ng	0.00
76) Chrysene-d12	14.180	240	172281	20.000	ng	0.00
86) Perylene-d12	15.727	264	191816	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	217981	40.668	ng	0.00
7) Phenol-d6	6.575	99	162708	23.967	ng	-0.02
23) Nitrobenzene-d5	7.540	82	628725	101.986	ng	0.00
42) 2,4,6-Tribromophenol	10.822	330	144115	78.288	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1108444	84.171	ng	0.00
79) Terphenyl-d14	13.121	244	917047	91.410	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.540	70	88364	18.679	ng	# 75
25) Isophorone	7.540	82	627172	50.924	ng	# 67
32) Benzoic acid	8.257	122	55	6.179	ng	# 1
48) 2-Nitroaniline	9.663	65	575	4.194	ng	# 13
51) 2,6-Dinitrotoluene	10.028	165	24619	11.502	ng	# 23
57) 2,4-Dinitrotoluene	10.028	165	24619	10.917	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.816	198	336	8.198	ng	# 1
67) 4-Bromophenyl-phenylether	10.822	248	9663	2.393	ng	# 1
77) Benzidine	13.121	184	12935	3.504	ng	# 92
92) Benzo(g,h,i)perylene	17.780	276	61	3.474	ng	# 55

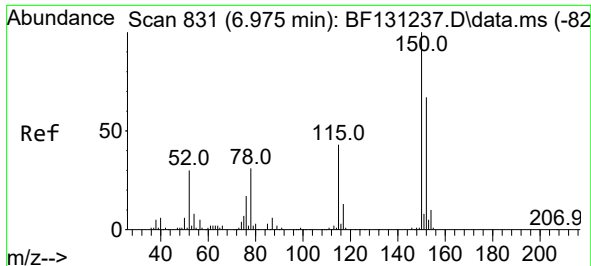
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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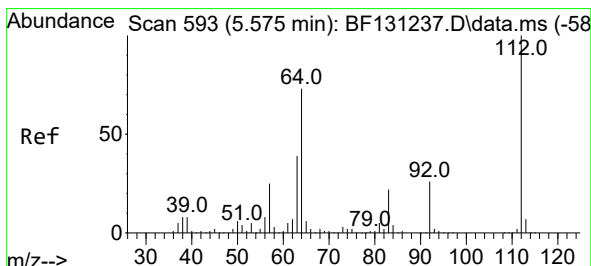
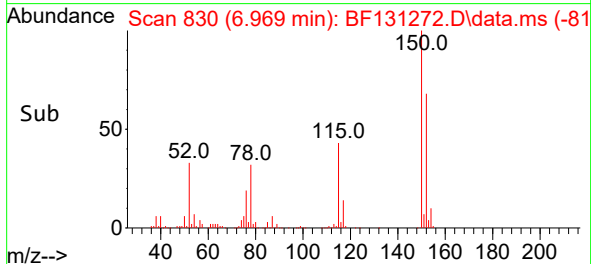
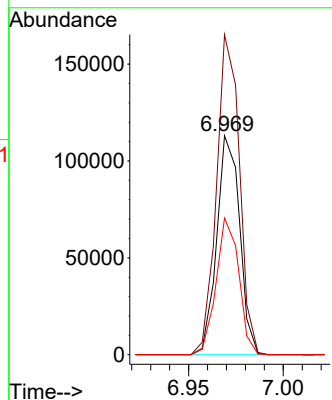
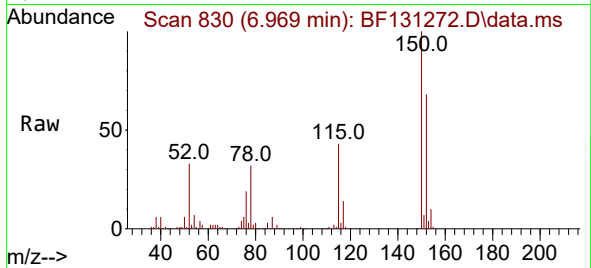




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131272.D
Acq: 16 Nov 2022 18:50

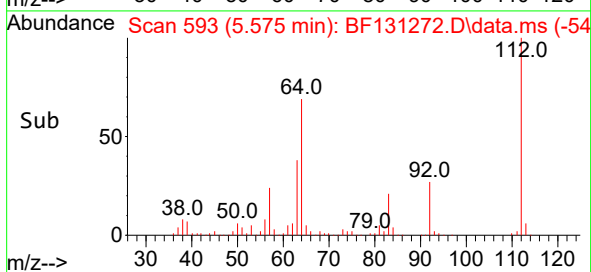
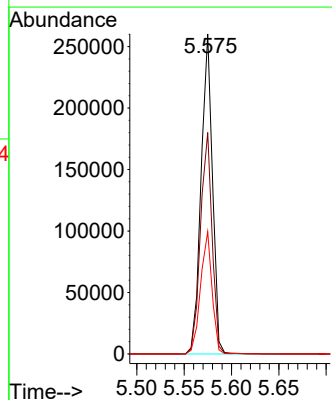
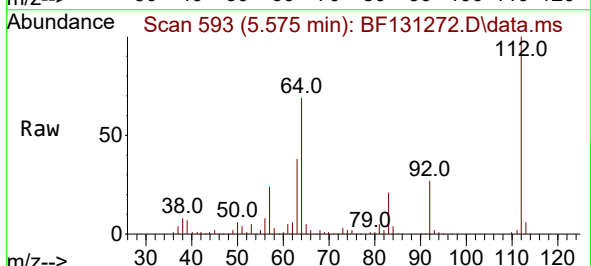
Instrument :
BNA_F
ClientSampleId :
B-1(OW)RE

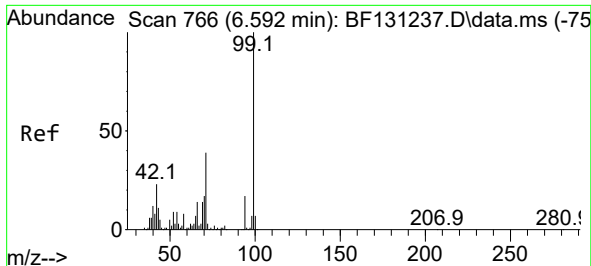
Tgt Ion:152 Resp: 94913
Ion Ratio Lower Upper
152 100
150 146.1 120.2 180.4
115 62.4 51.8 77.8



#5
2-Fluorophenol
Concen: 40.668 ng
RT: 5.575 min Scan# 593
Delta R.T. -0.000 min
Lab File: BF131272.D
Acq: 16 Nov 2022 18:50

Tgt Ion:112 Resp: 217981
Ion Ratio Lower Upper
112 100
64 69.2 58.4 87.6
63 38.2 31.6 47.4

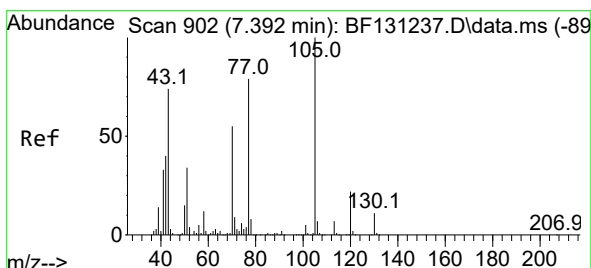
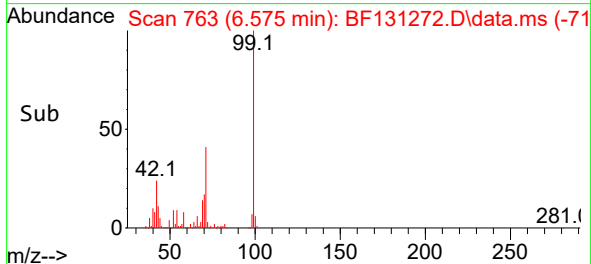
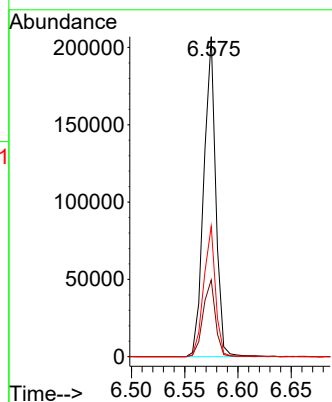
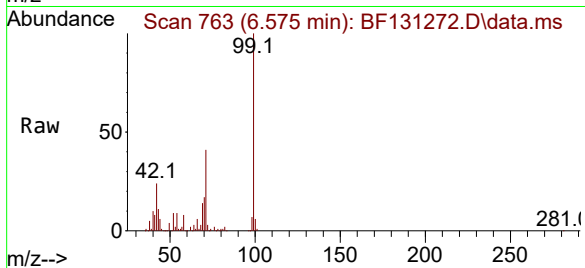




#7
Phenol-d6
Concen: 23.967 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF131272.D
Acq: 16 Nov 2022 18:50

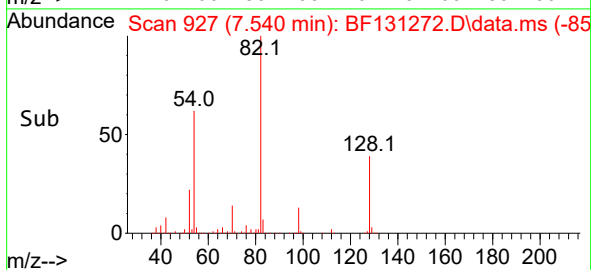
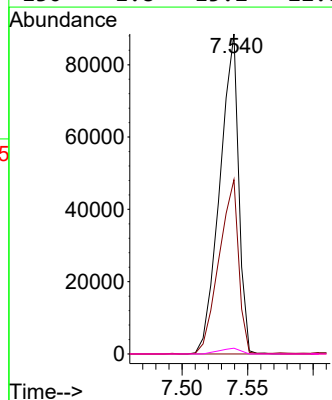
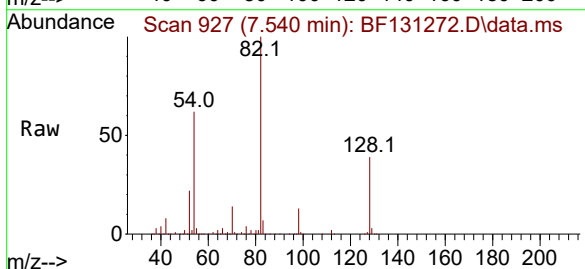
Instrument :
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ClientSampleId :
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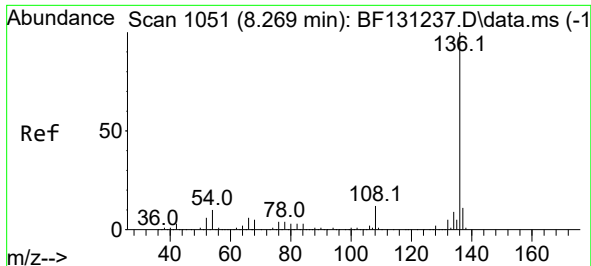
Tgt Ion: 99 Resp: 162708
Ion Ratio Lower Upper
99 100
42 24.0 18.6 28.0
71 40.8 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.679 ng
RT: 7.540 min Scan# 927
Delta R.T. 0.147 min
Lab File: BF131272.D
Acq: 16 Nov 2022 18:50

Tgt Ion: 70 Resp: 88364
Ion Ratio Lower Upper
70 100
42 54.5 58.3 87.5#
101 0.0 7.2 10.8#
130 1.8 15.2 22.8#

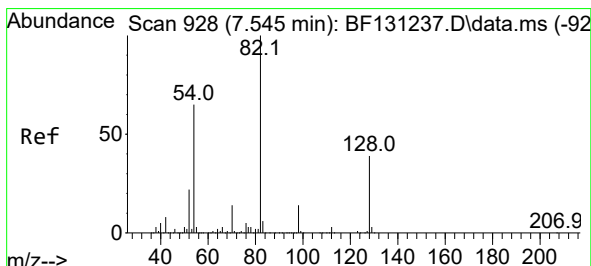
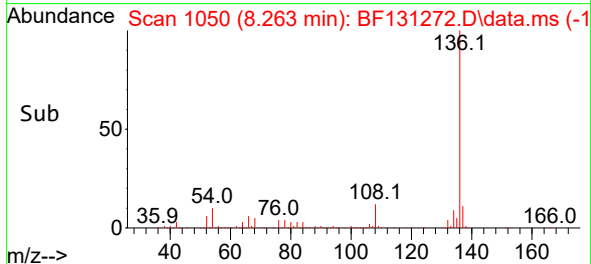
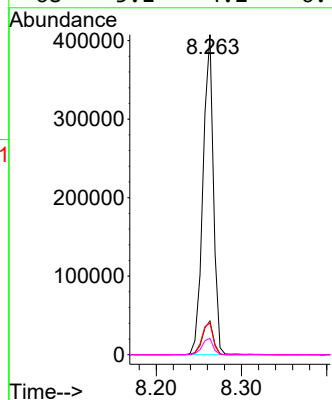
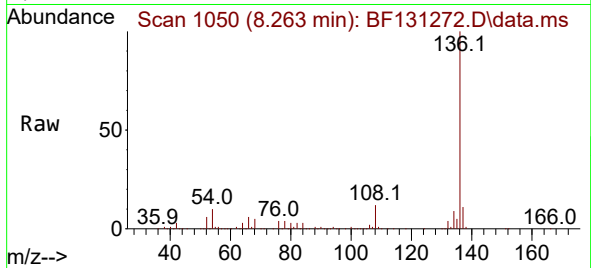




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF131272.D
Acq: 16 Nov 2022 18:50

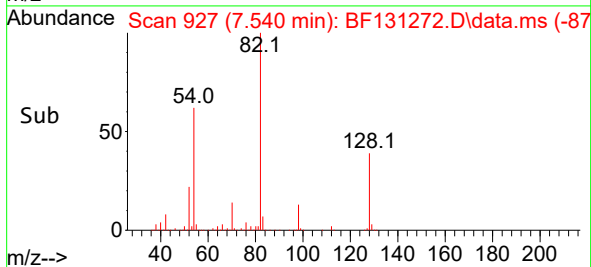
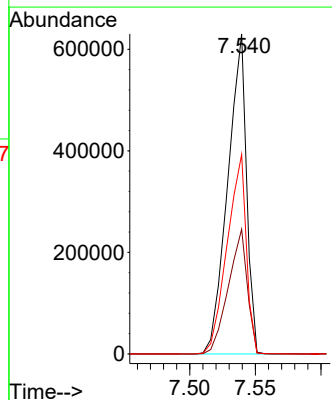
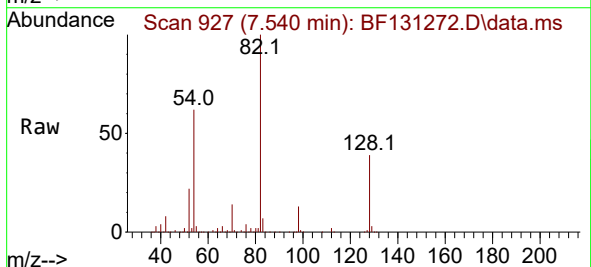
Instrument :
BNA_F
ClientSampleId :
B-1(OW)RE

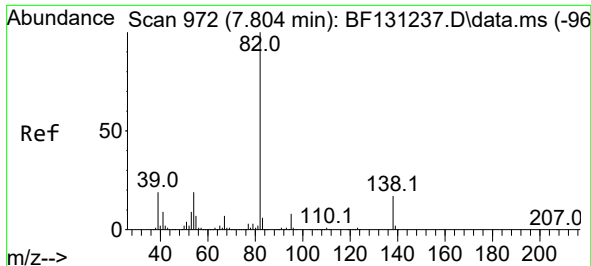
Tgt Ion:136 Resp: 346029
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 9.9 7.8 11.8
68 5.1 4.2 6.4



#23
Nitrobenzene-d5
Concen: 101.986 ng
RT: 7.540 min Scan# 927
Delta R.T. -0.005 min
Lab File: BF131272.D
Acq: 16 Nov 2022 18:50

Tgt Ion: 82 Resp: 628725
Ion Ratio Lower Upper
82 100
128 39.0 31.1 46.7
54 62.4 51.8 77.6

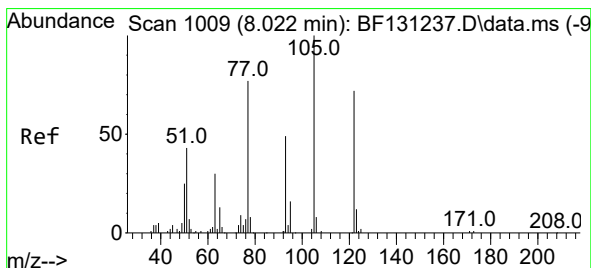
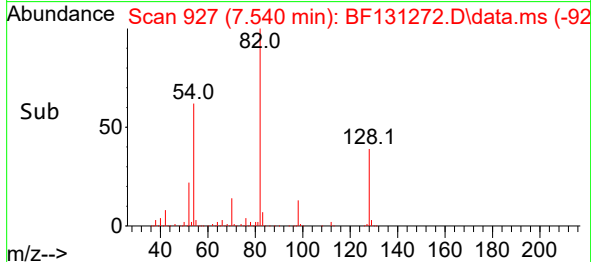
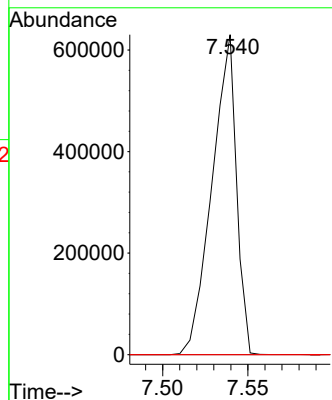
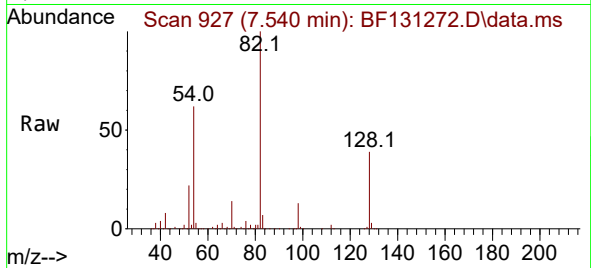




#25
Isophorone
Concen: 50.924 ng
RT: 7.540 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF131272.D
Acq: 16 Nov 2022 18:50

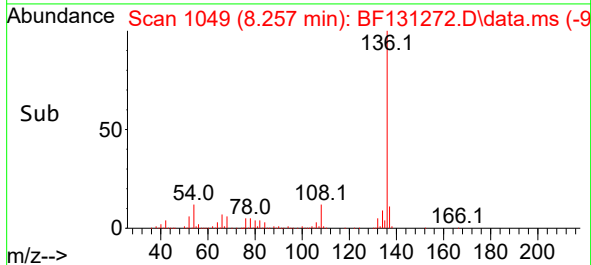
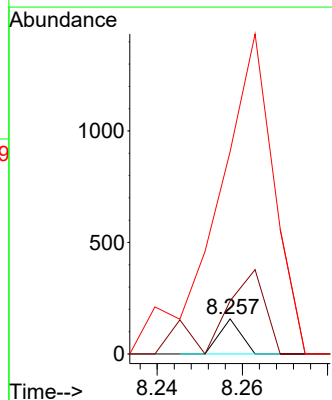
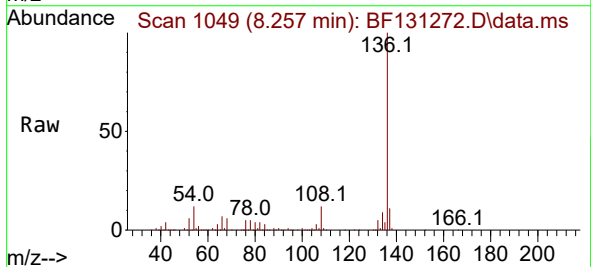
Instrument :
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ClientSampleId :
B-1(OW)RE

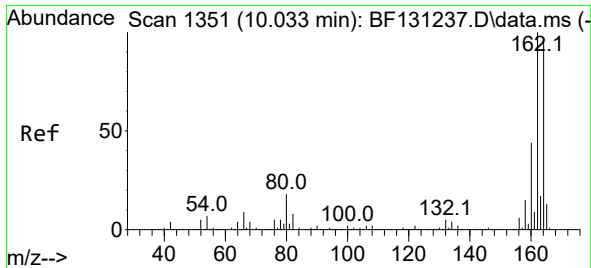
Tgt Ion: 82 Resp: 627172
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 6.179 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.235 min
Lab File: BF131272.D
Acq: 16 Nov 2022 18:50

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 151.6 116.9 156.9
77 578.3 86.9 126.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.028 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF131272.D

Acq: 16 Nov 2022 18:50

Instrument :

BNA_F

ClientSampleId :

B-1(OW)RE

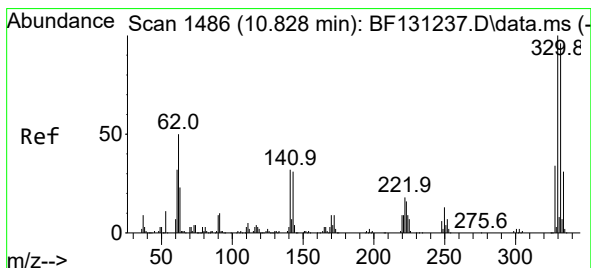
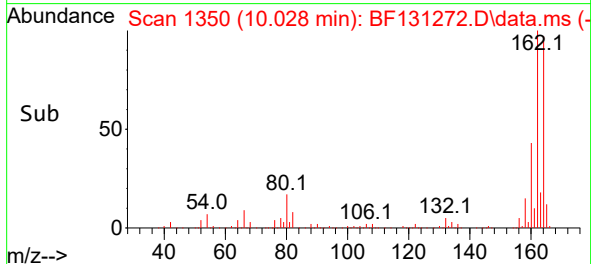
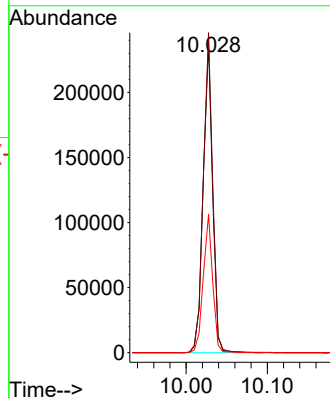
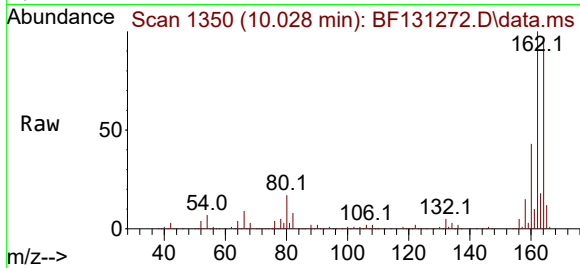
Tgt Ion:164 Resp: 192715

Ion Ratio Lower Upper

164 100

162 103.4 82.1 123.1

160 44.6 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 78.288 ng

RT: 10.822 min Scan# 1485

Delta R.T. -0.006 min

Lab File: BF131272.D

Acq: 16 Nov 2022 18:50

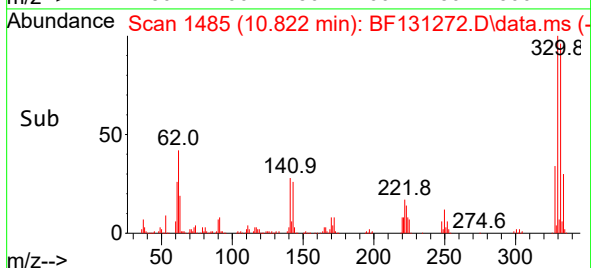
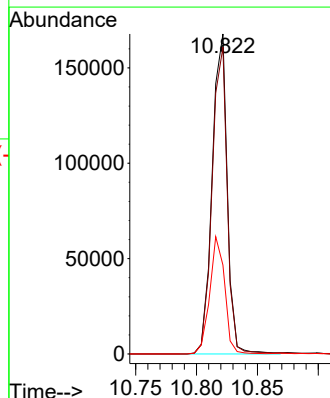
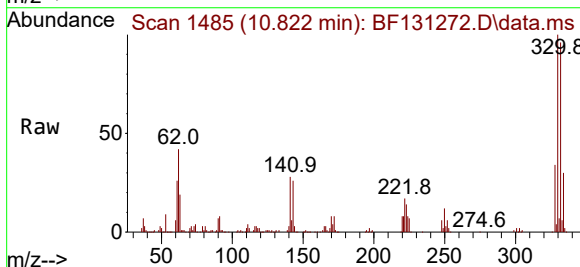
Tgt Ion:330 Resp: 144115

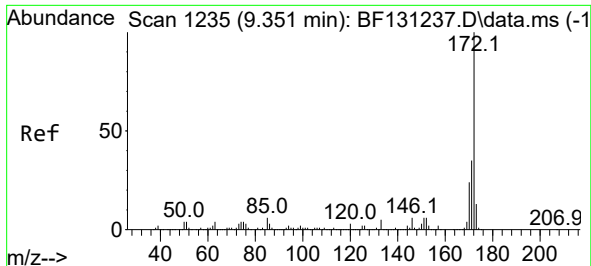
Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

141 36.4 29.6 44.4

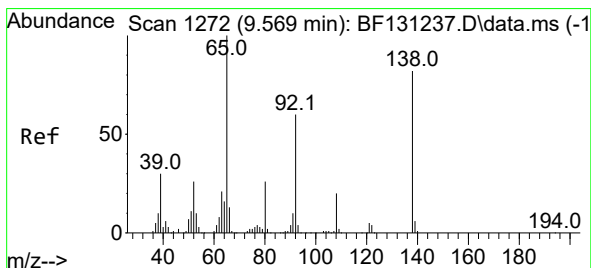
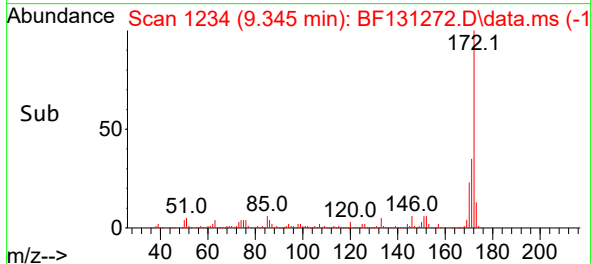
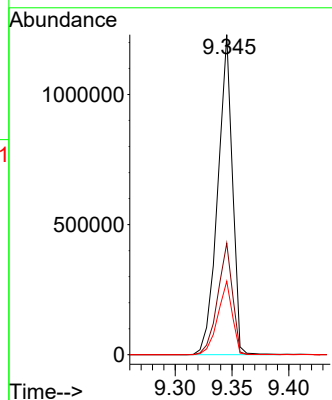
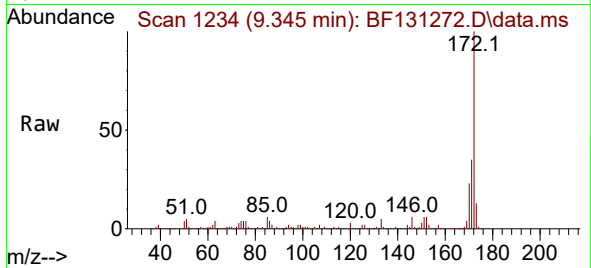




#45
2-Fluorobiphenyl
Concen: 84.171 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131272.D
Acq: 16 Nov 2022 18:50

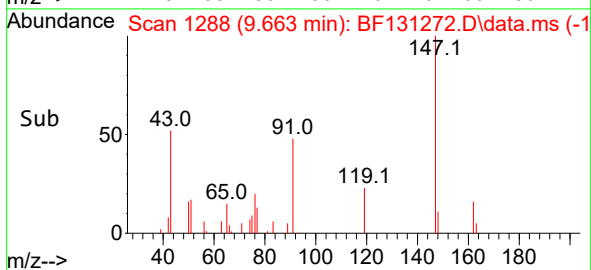
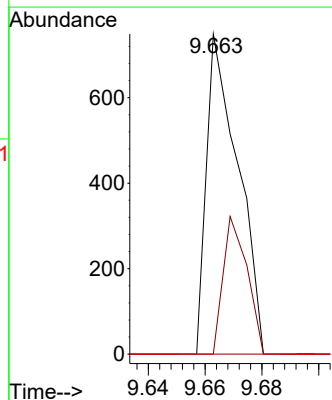
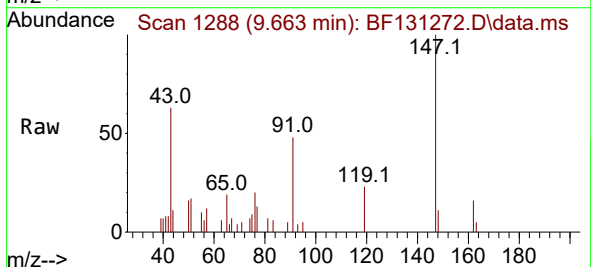
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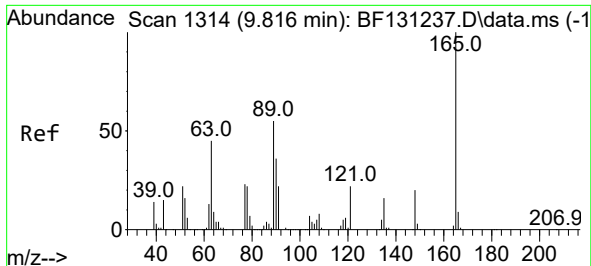
Tgt Ion:172 Resp: 1108444
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 22.9 18.8 28.2



#48
2-Nitroaniline
Concen: 4.194 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.094 min
Lab File: BF131272.D
Acq: 16 Nov 2022 18:50

Tgt Ion: 65 Resp: 575
Ion Ratio Lower Upper
65 100
92 0.0 48.2 72.2#
138 0.0 65.8 98.8#

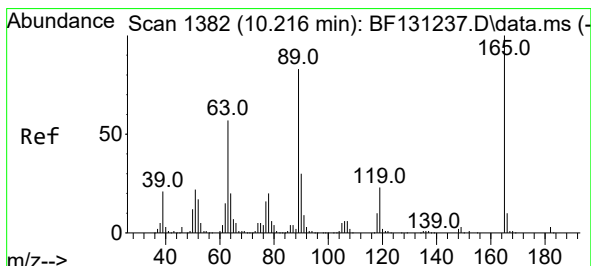
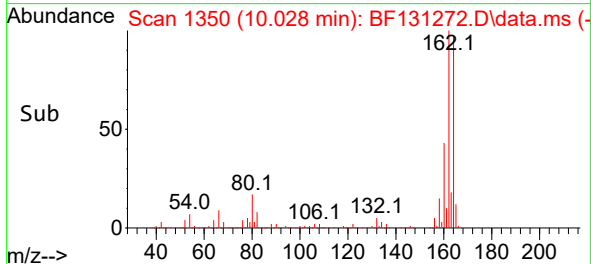
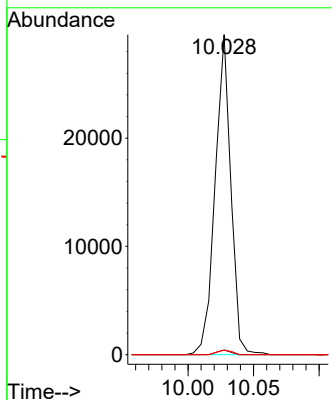
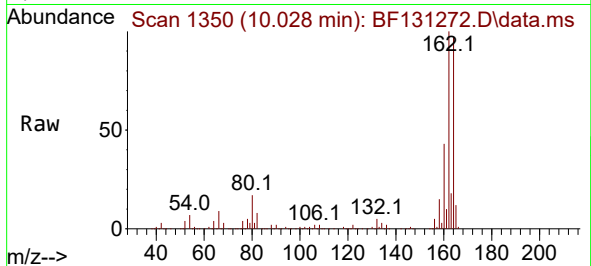




#51
2,6-Dinitrotoluene
Concen: 11.502 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131272.D
Acq: 16 Nov 2022 18:50

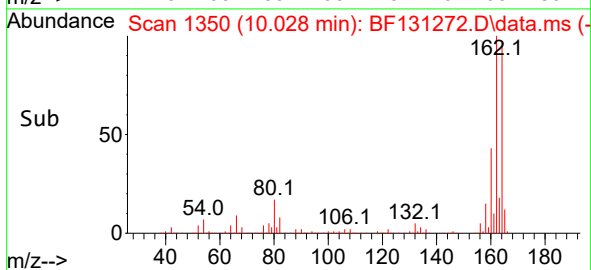
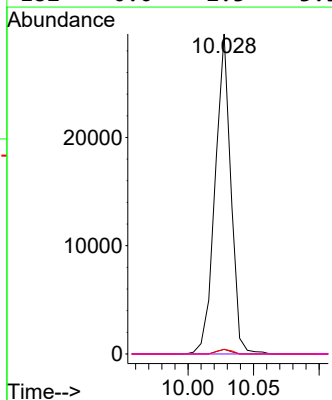
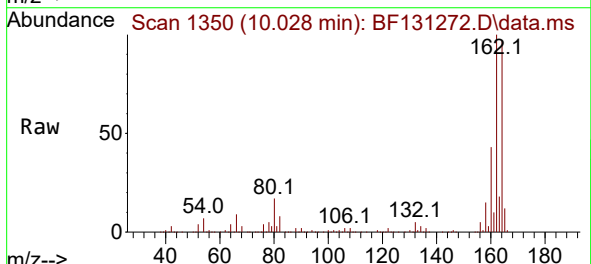
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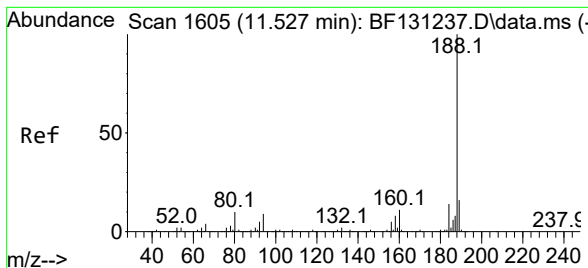
Tgt Ion:165 Resp: 24619
Ion Ratio Lower Upper
165 100
63 1.4 49.8 74.6#
89 1.5 44.5 66.7#



#57
2,4-Dinitrotoluene
Concen: 10.917 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.188 min
Lab File: BF131272.D
Acq: 16 Nov 2022 18:50

Tgt Ion:165 Resp: 24619
Ion Ratio Lower Upper
165 100
63 1.4 46.0 69.0#
89 1.5 66.2 99.4#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.522 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131272.D

Acq: 16 Nov 2022 18:50

Instrument :

BNA_F

ClientSampleId :

B-1(OW)RE

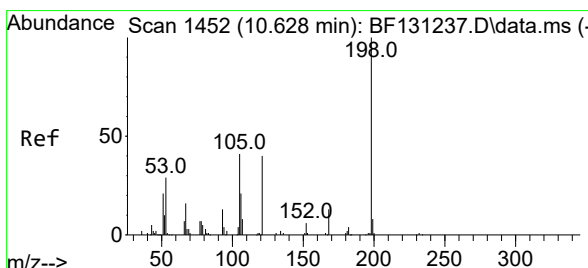
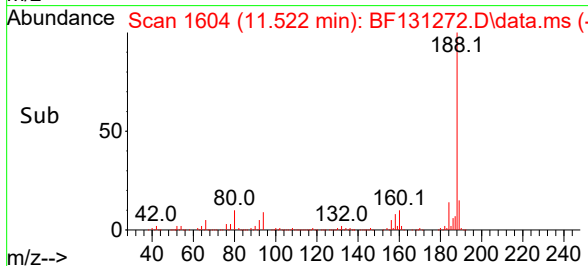
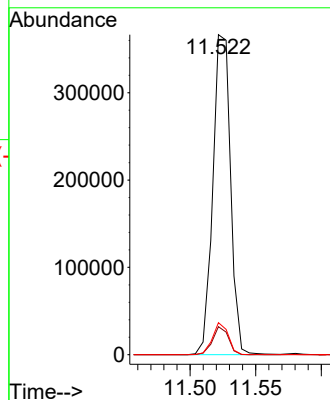
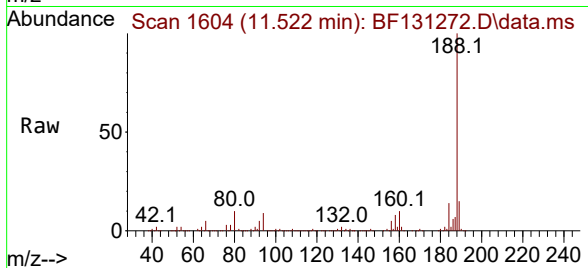
Tgt Ion:188 Resp: 343902

Ion Ratio Lower Upper

188 100

94 8.8 6.8 10.2

80 10.0 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 8.198 ng

RT: 10.816 min Scan# 1484

Delta R.T. 0.188 min

Lab File: BF131272.D

Acq: 16 Nov 2022 18:50

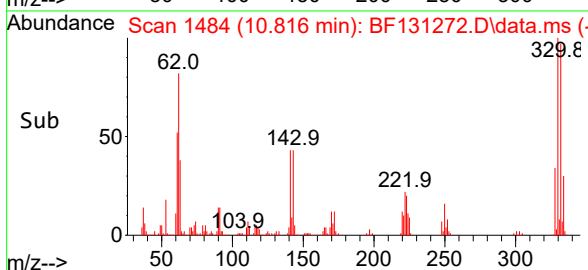
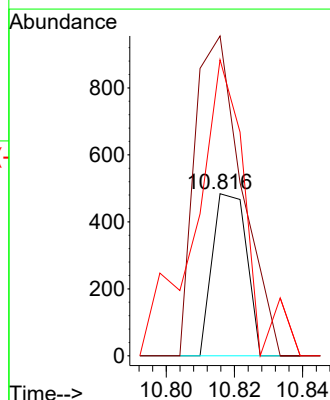
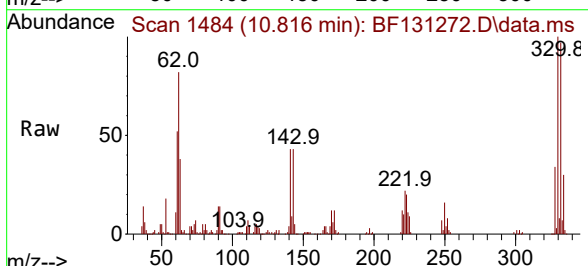
Tgt Ion:198 Resp: 336

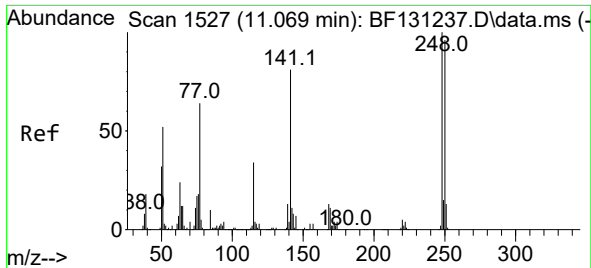
Ion Ratio Lower Upper

198 100

51 197.3 29.4 69.4#

105 182.6 22.2 62.2#

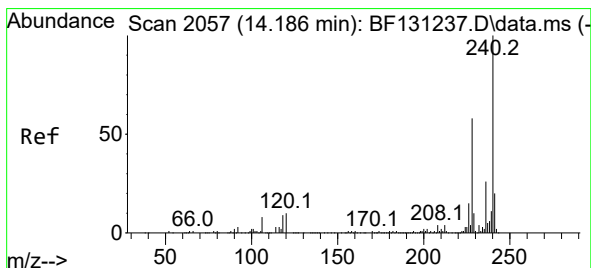
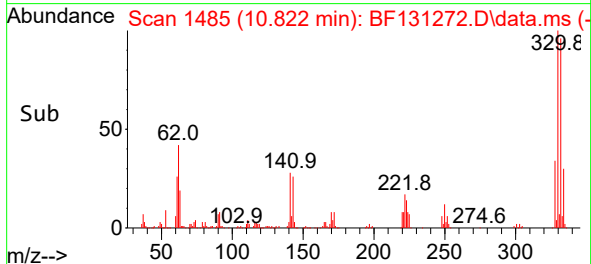
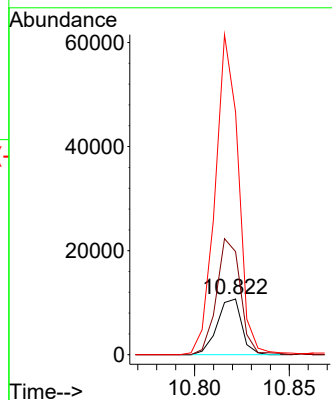
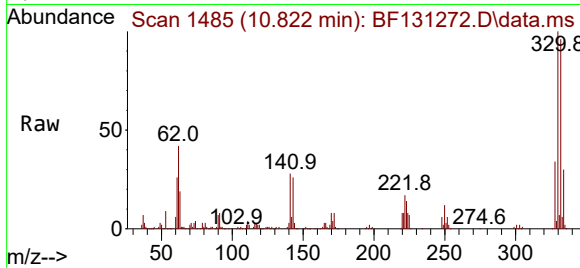




#67
4-Bromophenyl-phenylether
Concen: 2.393 ng
RT: 10.822 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131272.D
Acq: 16 Nov 2022 18:50

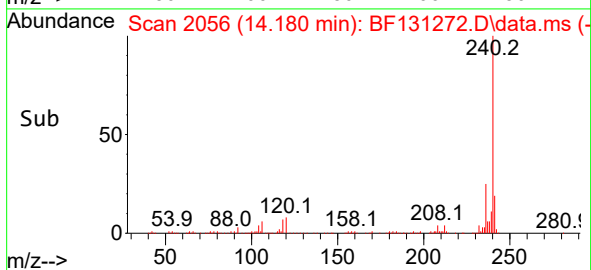
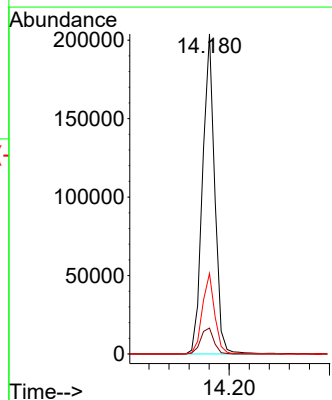
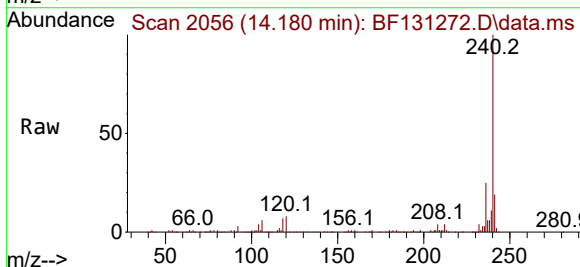
Instrument :
BNA_F
ClientSampleId :
B-1(OW)RE

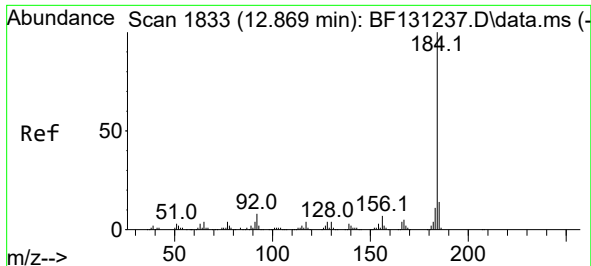
Tgt Ion:248 Resp: 9663
Ion Ratio Lower Upper
248 100
250 185.2 76.6 114.8#
141 436.3 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BF131272.D
Acq: 16 Nov 2022 18:50

Tgt Ion:240 Resp: 172281
Ion Ratio Lower Upper
240 100
120 8.1 7.8 11.6
236 25.2 20.6 31.0

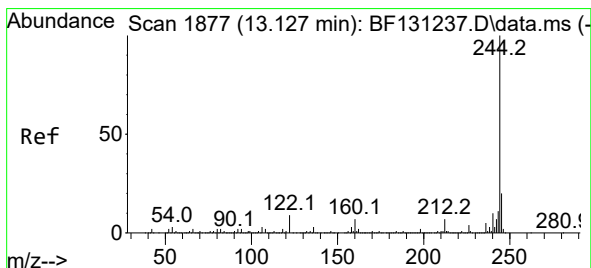
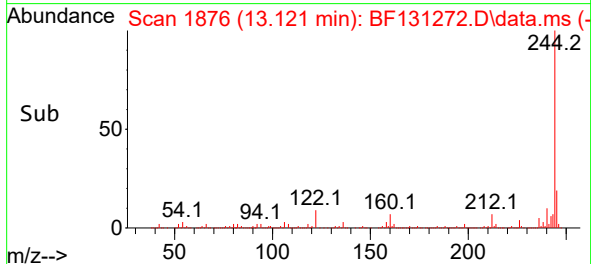
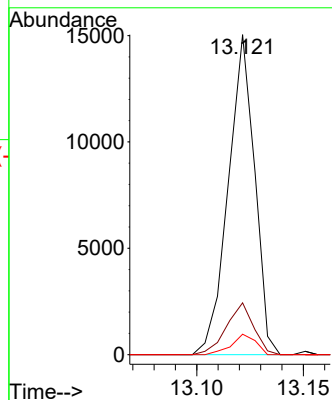
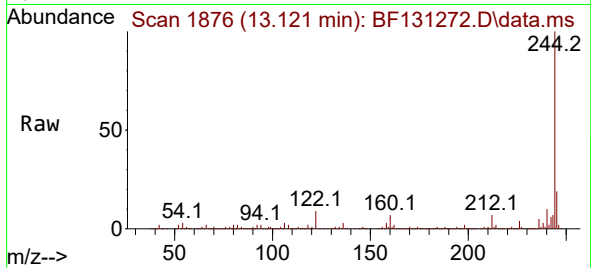




#77
Benzidine
Concen: 3.504 ng
RT: 13.121 min Scan# 1876
Delta R.T. 0.252 min
Lab File: BF131272.D
Acq: 16 Nov 2022 18:50

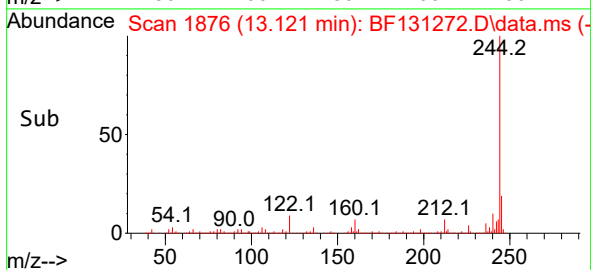
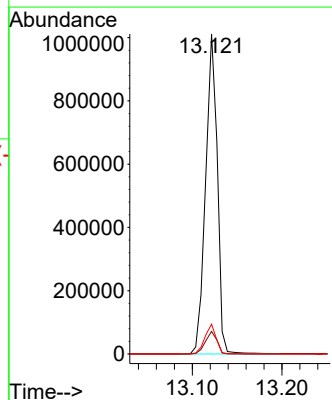
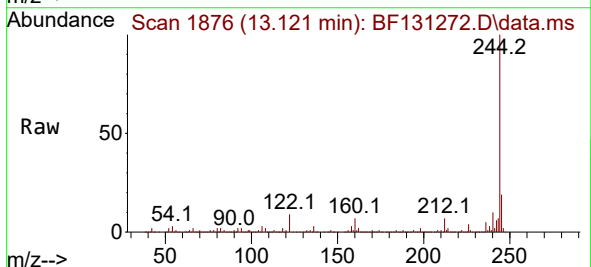
Instrument :
BNA_F
ClientSampleId :
B-1(OW)RE

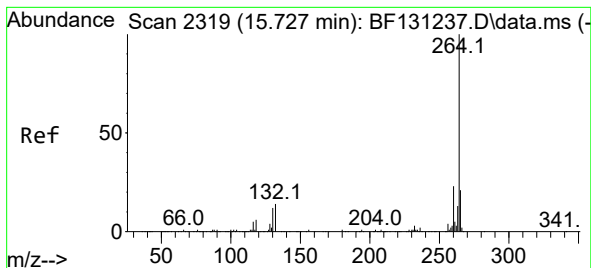
Tgt Ion:184 Resp: 12935
Ion Ratio Lower Upper
184 100
185 16.2 11.4 17.2
183 6.4 9.0 13.4#



#79
Terphenyl-d14
Concen: 91.410 ng
RT: 13.121 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BF131272.D
Acq: 16 Nov 2022 18:50

Tgt Ion:244 Resp: 917047
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 9.3 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.727 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131272.D

Acq: 16 Nov 2022 18:50

Instrument :

BNA_F

ClientSampleId :

B-1(OW)RE

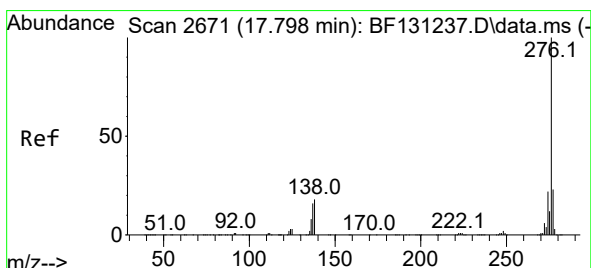
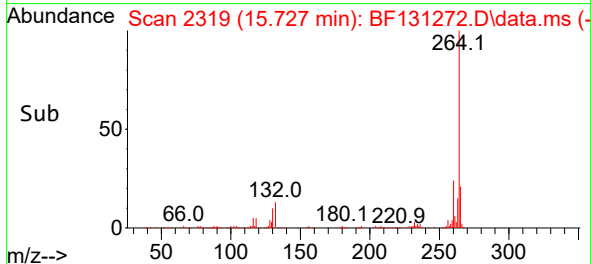
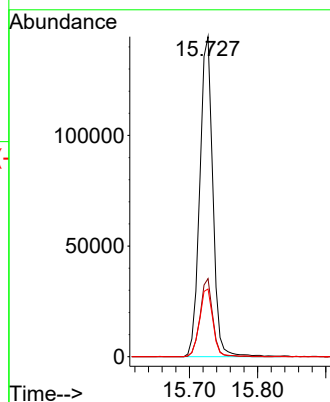
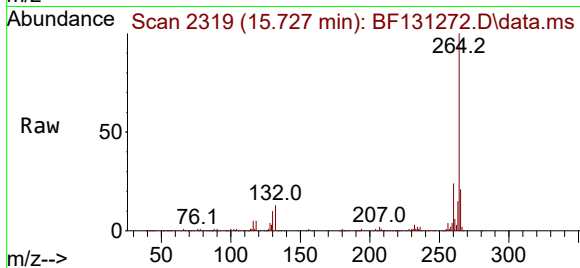
Tgt Ion:264 Resp: 191816

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 21.1 16.6 24.8



#92

Benzo(g,h,i)perylene

Concen: 3.474 ng

RT: 17.780 min Scan# 2668

Delta R.T. -0.018 min

Lab File: BF131272.D

Acq: 16 Nov 2022 18:50

Tgt Ion:276 Resp: 61

Ion Ratio Lower Upper

276 100

277 0.0 18.6 27.8#

138 0.0 14.5 21.7#

