

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111722\
 Data File : BF131288.D
 Acq On : 17 Nov 2022 16:47
 Operator : CG\JU
 Sample : PB149128BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149128BL

Quant Time: Nov 18 05:04:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 18 01:41:28 2022
 Response via : Initial Calibration

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

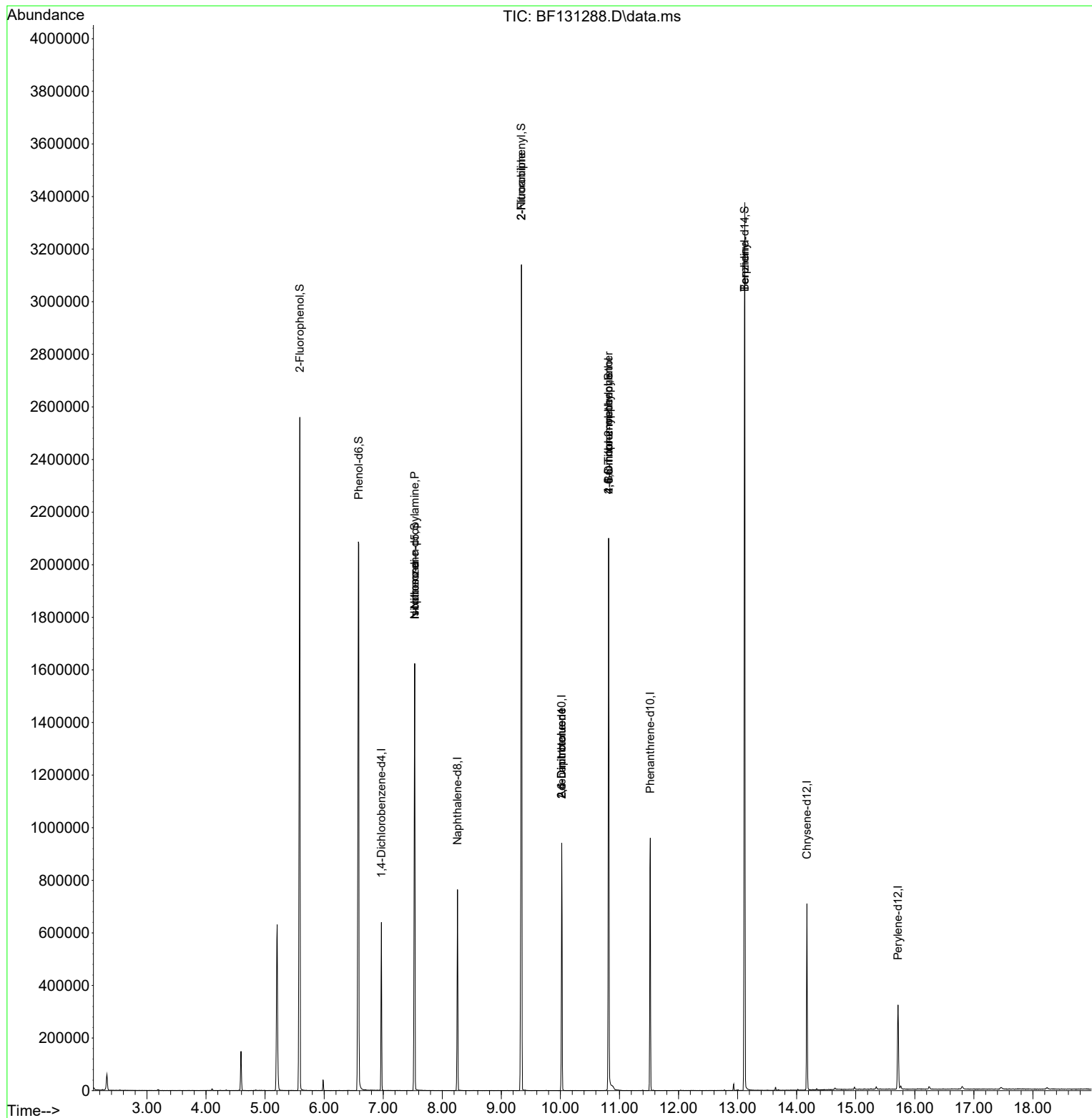
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	80904	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	314280	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	185080	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	346690	20.000	ng	0.00
76) Chrysene-d12	14.174	240	223002	20.000	ng	0.00
86) Perylene-d12	15.715	264	156174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	632319	143.053	ng	0.01
7) Phenol-d6	6.587	99	786469	140.352	ng	0.00
23) Nitrobenzene-d5	7.534	82	517694	87.991	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	239345	145.271	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1056097	81.499	ng	0.00
79) Terphenyl-d14	13.122	244	1278160	85.674	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.534	70	73197	18.162	ng	# 76
25) Isophorone	7.534	82	516331	45.966	ng	# 67
48) 2-Nitroaniline	9.339	65	2095	5.015	ng	# 1
51) 2,6-Dinitrotoluene	10.022	165	23863	12.455	ng	# 19
57) 2,4-Dinitrotoluene	10.022	165	23863	11.358	ng	# 14
65) 4,6-Dinitro-2-methylph...	10.816	198	736	6.443	ng	# 1
67) 4-Bromophenyl-phenylether	10.816	248	15397	3.701	ng	# 1
77) Benzidine	13.122	184	18846	3.736	ng	# 93

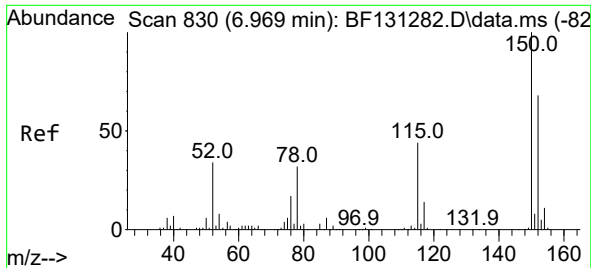
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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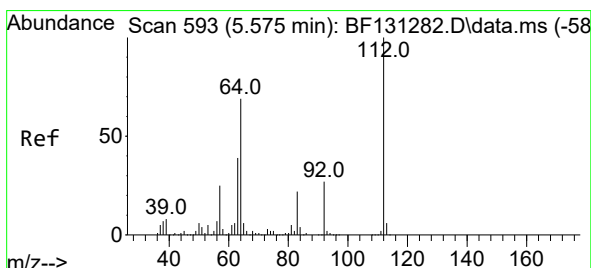
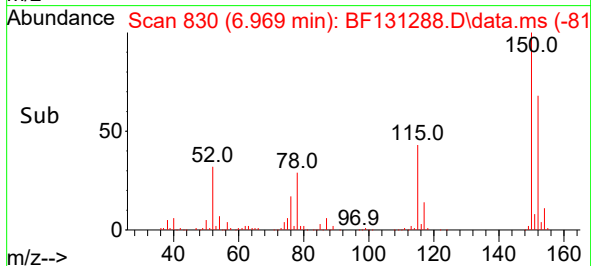
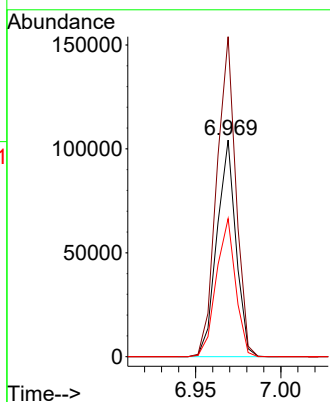
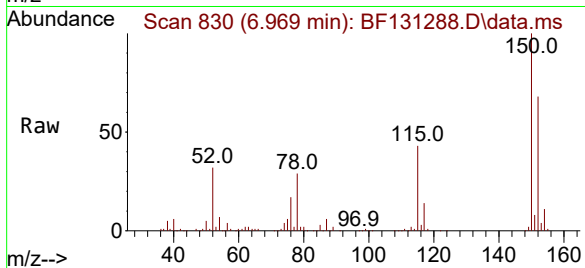




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131288.D
Acq: 17 Nov 2022 16:47

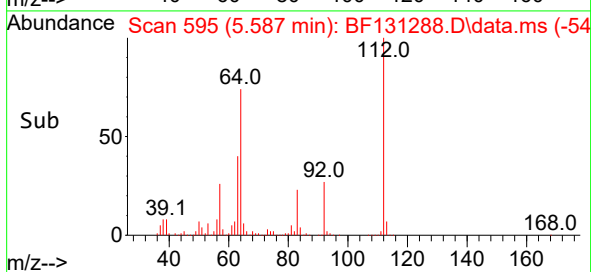
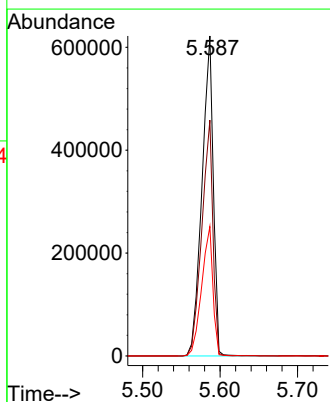
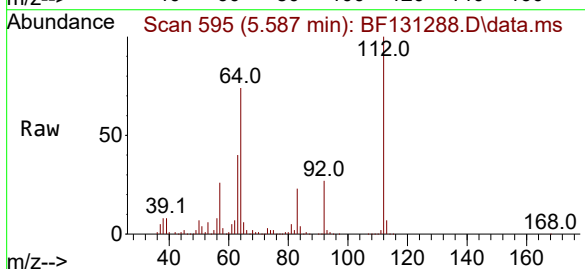
Instrument :
BNA_F
ClientSampleId :
PB149128BL

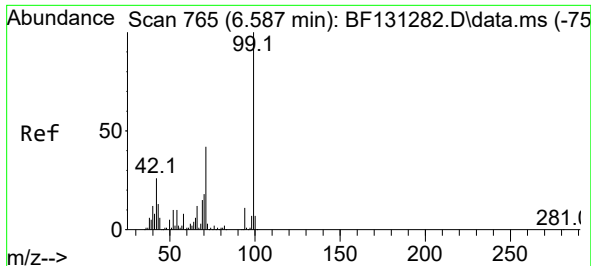
Tgt Ion:152 Resp: 80904
Ion Ratio Lower Upper
152 100
150 147.7 117.8 176.6
115 63.7 52.2 78.4



#5
2-Fluorophenol
Concen: 143.053 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.012 min
Lab File: BF131288.D
Acq: 17 Nov 2022 16:47

Tgt Ion:112 Resp: 632319
Ion Ratio Lower Upper
112 100
64 73.7 55.5 83.3
63 40.5 31.0 46.6

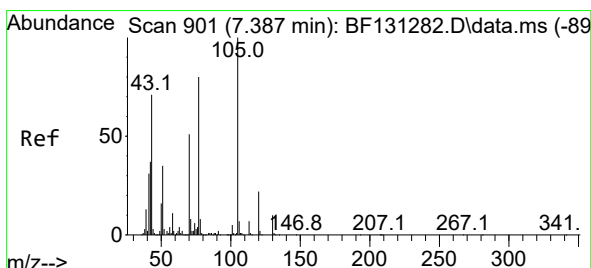
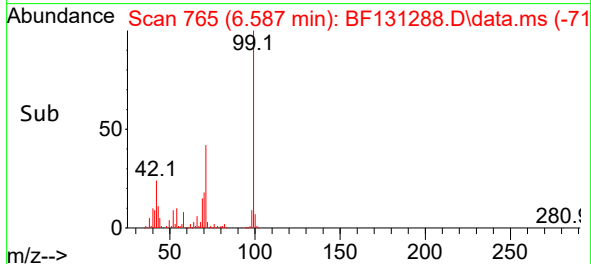
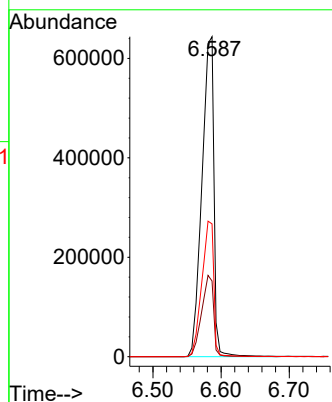
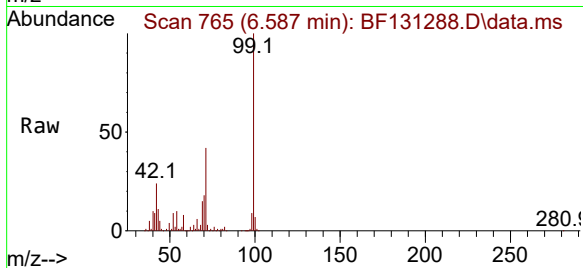




#7
Phenol-d6
Concen: 140.352 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF131288.D
Acq: 17 Nov 2022 16:47

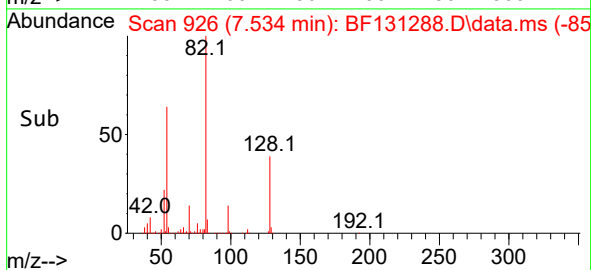
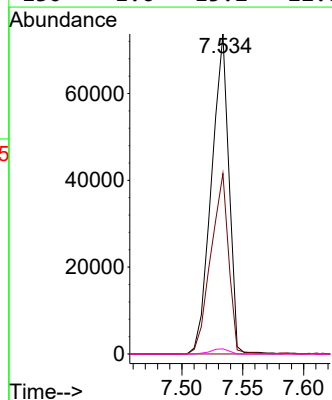
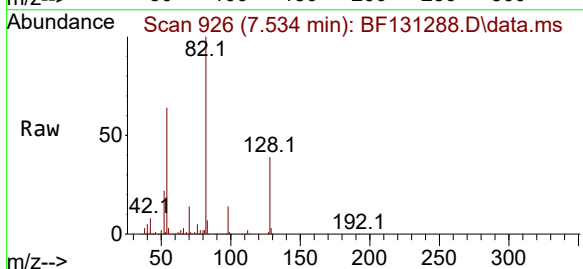
Instrument :
BNA_F
ClientSampleId :
PB149128BL

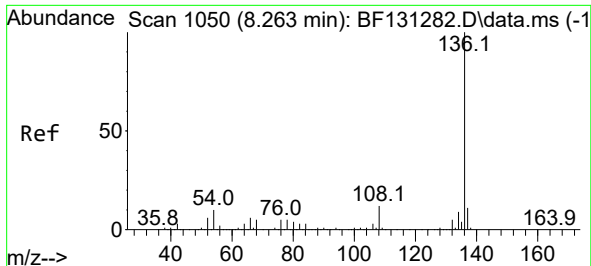
Tgt Ion: 99 Resp: 786469
Ion Ratio Lower Upper
99 100
42 23.6 21.2 31.8
71 41.5 33.8 50.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.162 ng
RT: 7.534 min Scan# 926
Delta R.T. 0.147 min
Lab File: BF131288.D
Acq: 17 Nov 2022 16:47

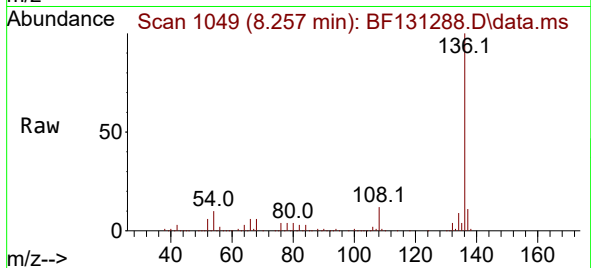
Tgt Ion: 70 Resp: 73197
Ion Ratio Lower Upper
70 100
42 56.4 58.9 88.3#
101 0.0 7.2 10.8#
130 1.6 15.2 22.8#





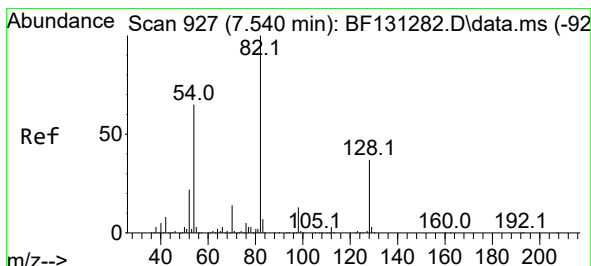
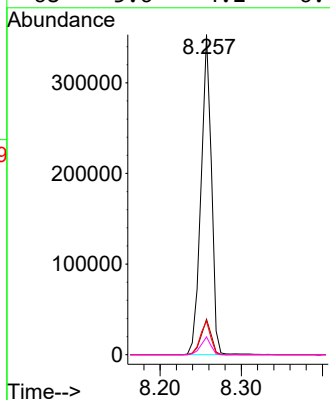
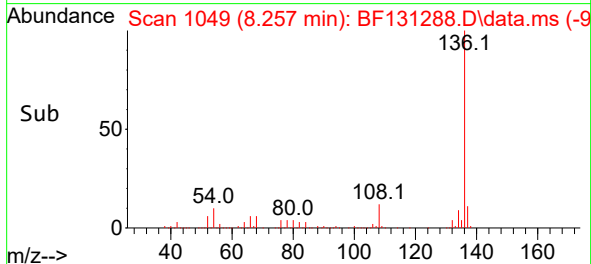
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131288.D
Acq: 17 Nov 2022 16:47

Instrument :
BNA_F
ClientSampleId :
PB149128BL



Tgt Ion:136 Resp: 314280

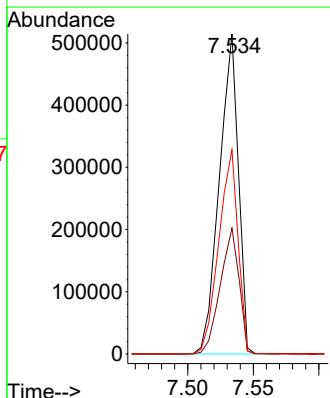
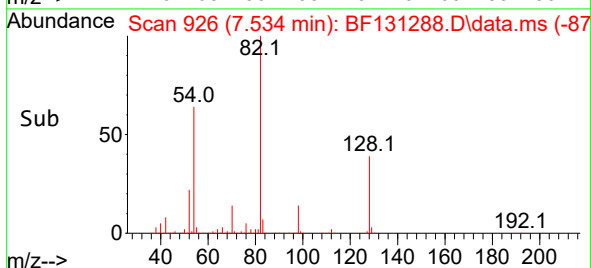
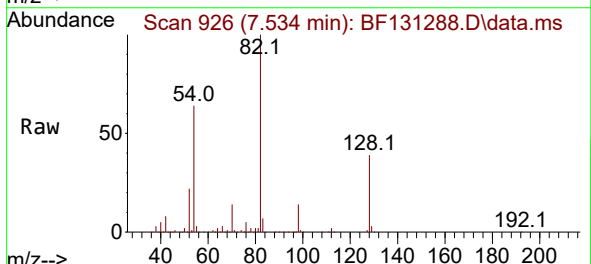
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	10.4	8.2	12.2
68	5.6	4.2	6.4

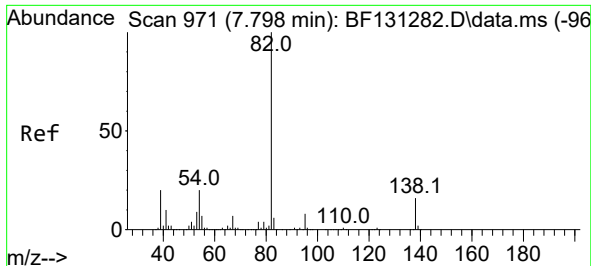


#23
Nitrobenzene-d5
Concen: 87.991 ng
RT: 7.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BF131288.D
Acq: 17 Nov 2022 16:47

Tgt Ion: 82 Resp: 517694

Ion	Ratio	Lower	Upper
82	100		
128	39.3	29.2	43.8
54	63.8	52.2	78.4

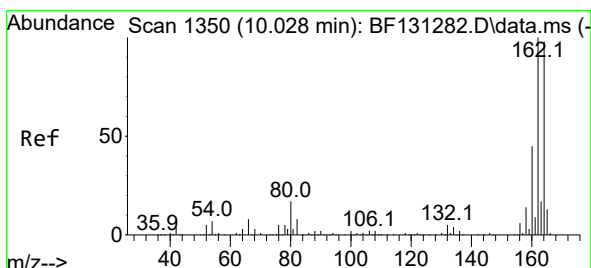
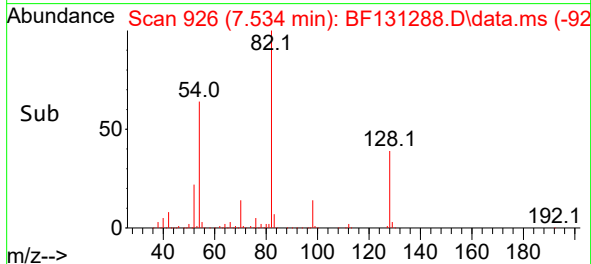
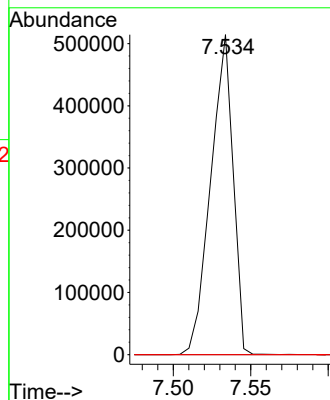
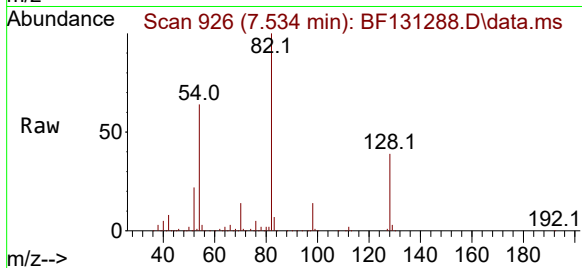




#25
Isophorone
Concen: 45.966 ng
RT: 7.534 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131288.D
Acq: 17 Nov 2022 16:47

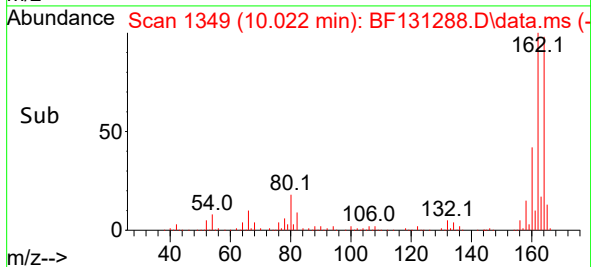
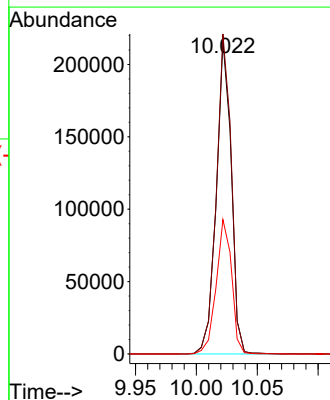
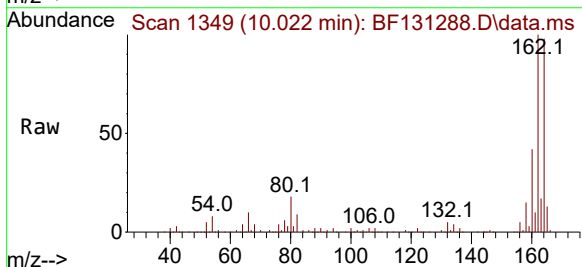
Instrument :
BNA_F
ClientSampleId :
PB149128BL

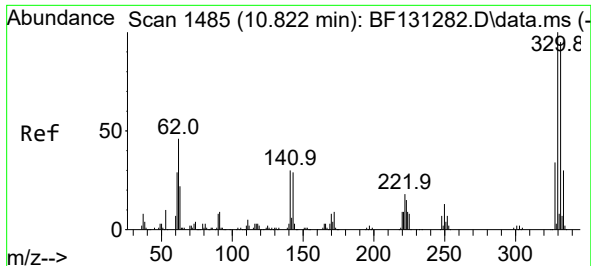
Tgt Ion: 82 Resp: 516331
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 13.0 19.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF131288.D
Acq: 17 Nov 2022 16:47

Tgt Ion:164 Resp: 185080
Ion Ratio Lower Upper
164 100
162 102.1 81.8 122.6
160 42.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 145.271 ng

RT: 10.816 min Scan# 1485

Delta R.T. -0.006 min

Lab File: BF131288.D

Acq: 17 Nov 2022 16:47

Instrument :

BNA_F

ClientSampleId :

PB149128BL

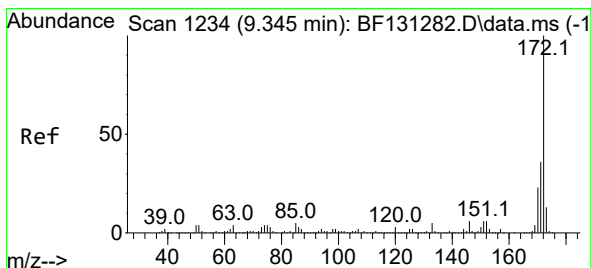
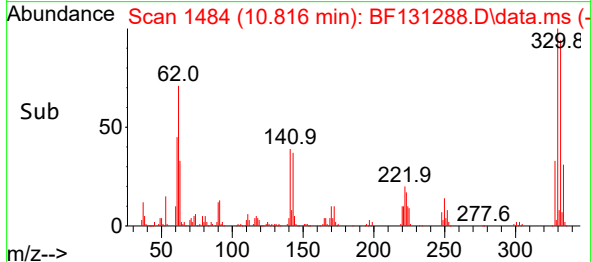
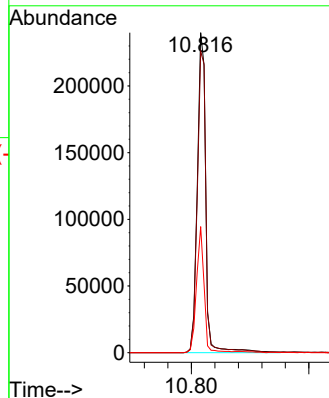
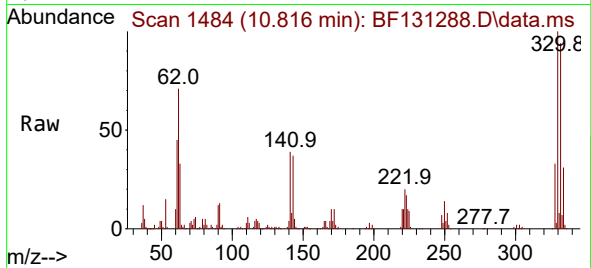
Tgt Ion:330 Resp: 239345

Ion Ratio Lower Upper

330 100

332 96.6 75.4 113.0

141 35.6 30.0 45.0



#45

2-Fluorobiphenyl

Concen: 81.499 ng

RT: 9.339 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF131288.D

Acq: 17 Nov 2022 16:47

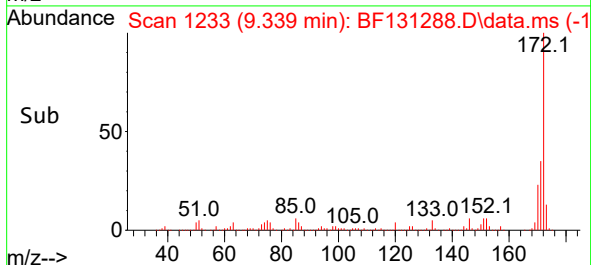
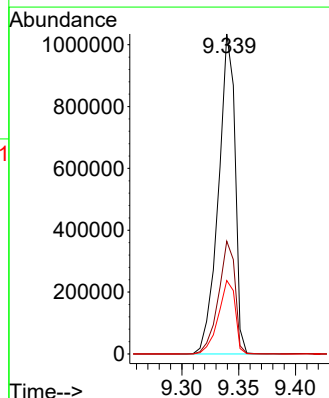
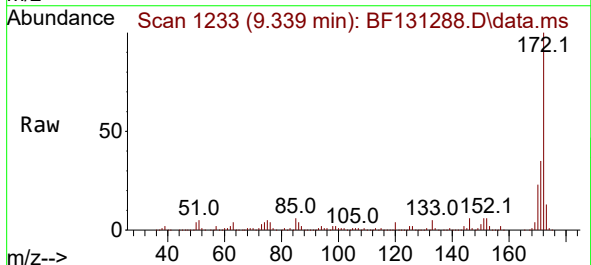
Tgt Ion:172 Resp: 1056097

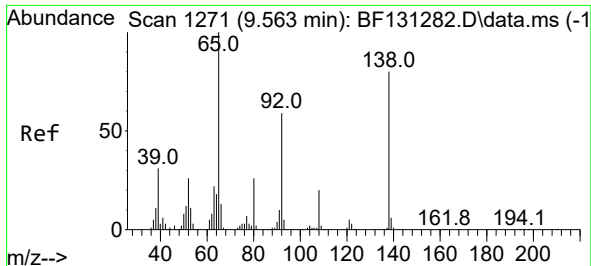
Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.0 18.5 27.7

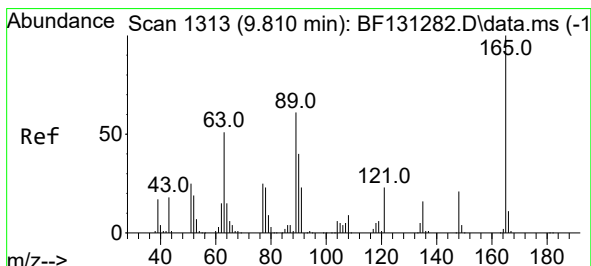
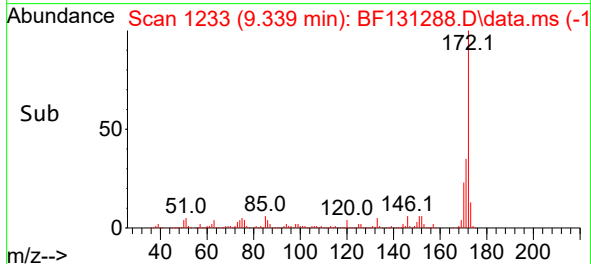
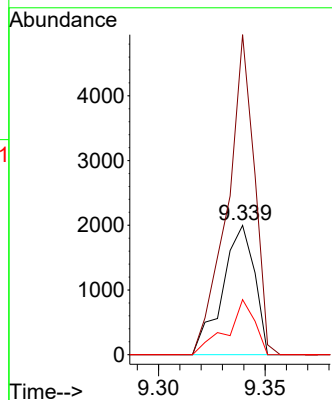
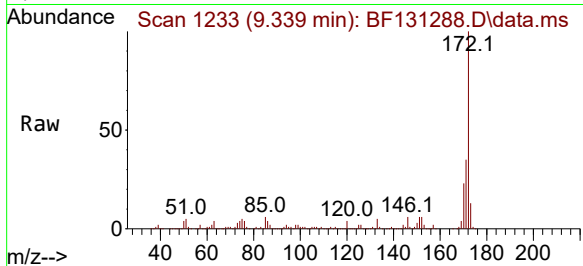




#48
2-Nitroaniline
Concen: 5.015 ng
RT: 9.339 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF131288.D
Acq: 17 Nov 2022 16:47

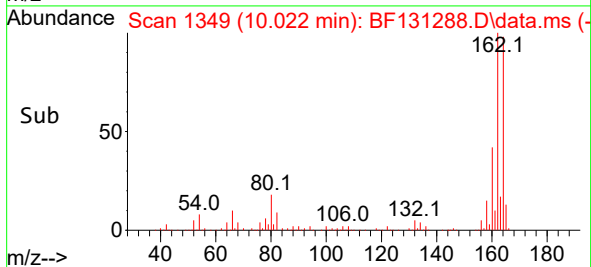
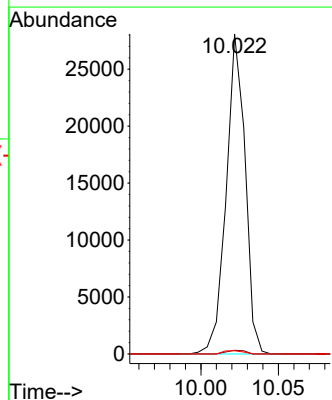
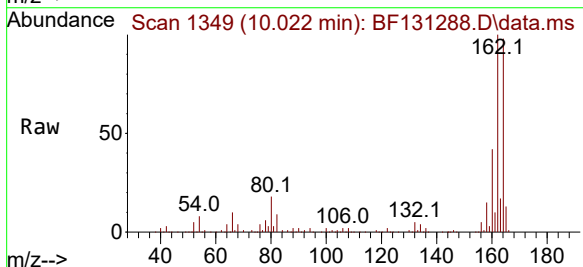
Instrument :
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PB149128BL

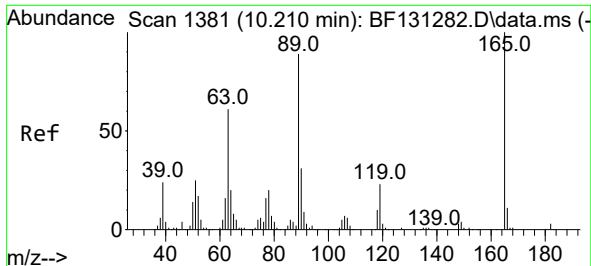
Tgt Ion: 65 Resp: 2095
Ion Ratio Lower Upper
65 100
92 247.5 47.2 70.8#
138 42.6 64.2 96.4#



#51
2,6-Dinitrotoluene
Concen: 12.455 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.212 min
Lab File: BF131288.D
Acq: 17 Nov 2022 16:47

Tgt Ion: 165 Resp: 23863
Ion Ratio Lower Upper
165 100
63 1.1 53.3 79.9#
89 1.0 49.4 74.0#

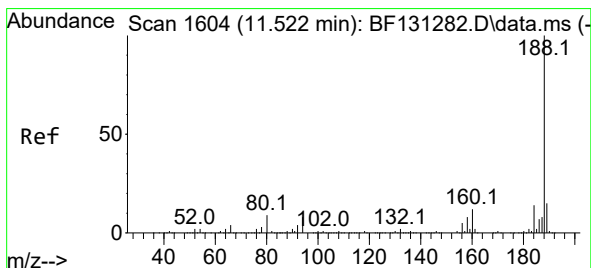
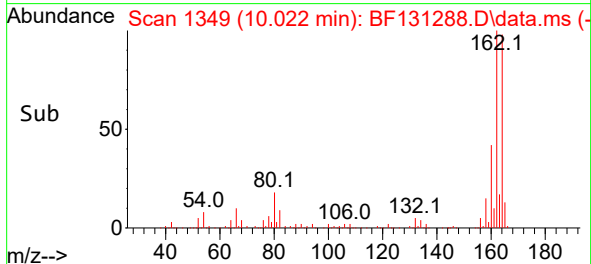
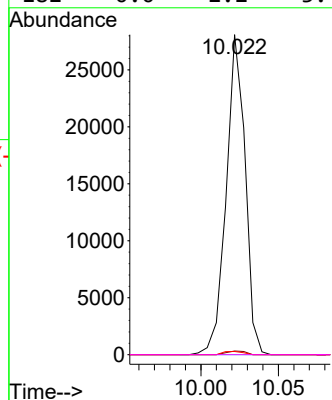
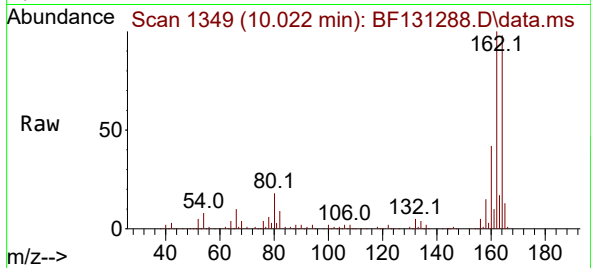




#57
2,4-Dinitrotoluene
Concen: 11.358 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF131288.D
Acq: 17 Nov 2022 16:47

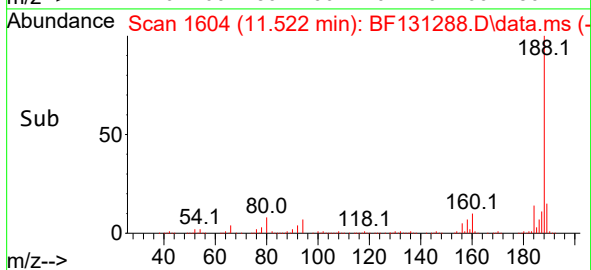
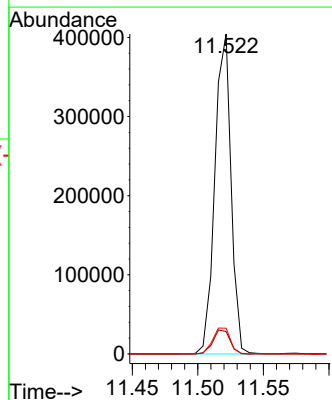
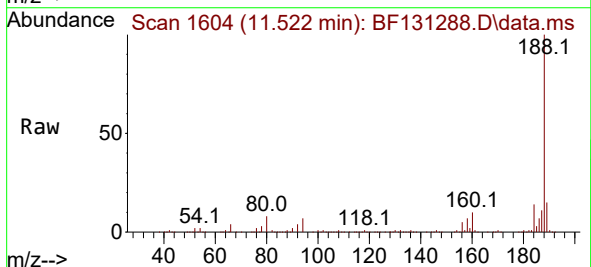
Instrument :
BNA_F
ClientSampleId :
PB149128BL

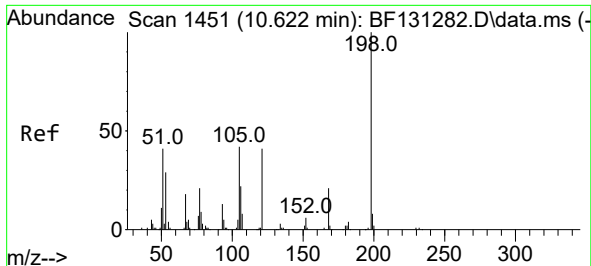
Tgt Ion:165 Resp: 23863
Ion Ratio Lower Upper
165 100
63 1.1 49.0 73.6#
89 1.0 71.1 106.7#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BF131288.D
Acq: 17 Nov 2022 16:47

Tgt Ion:188 Resp: 346690
Ion Ratio Lower Upper
188 100
94 7.0 6.5 9.7
80 8.1 7.2 10.8

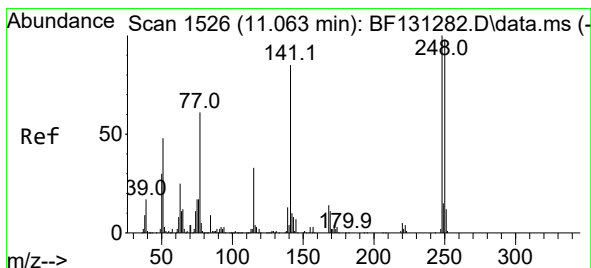
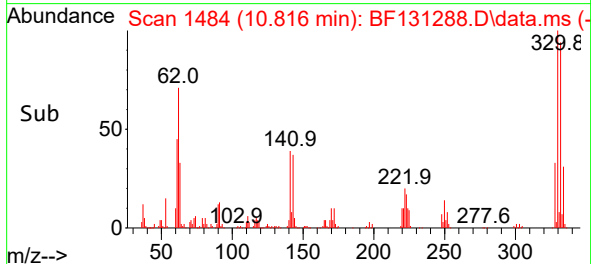
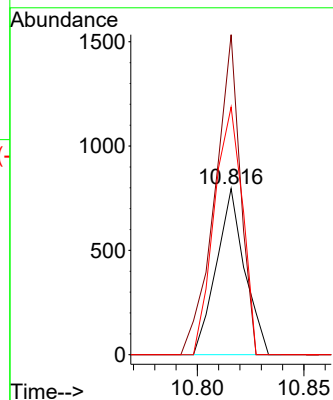
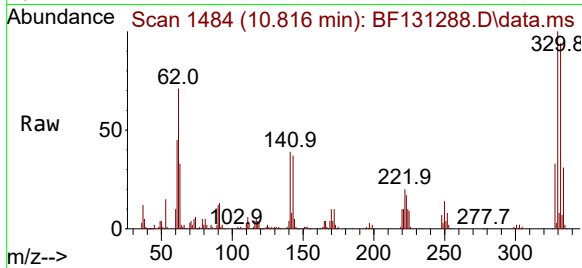




#65
4,6-Dinitro-2-methylphenol
Concen: 6.443 ng
RT: 10.816 min Scan# 1451
Delta R.T. 0.194 min
Lab File: BF131288.D
Acq: 17 Nov 2022 16:47

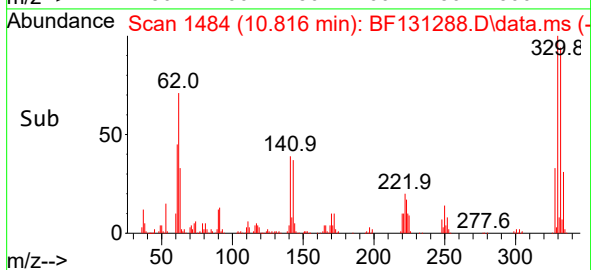
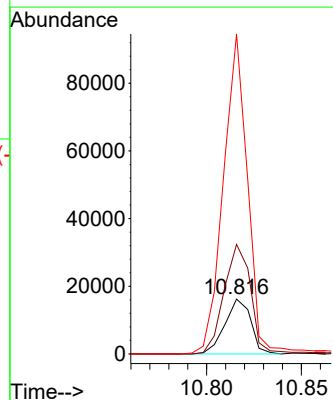
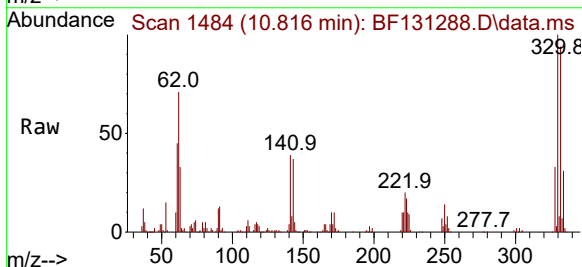
Instrument :
BNA_F
ClientSampleId :
PB149128BL

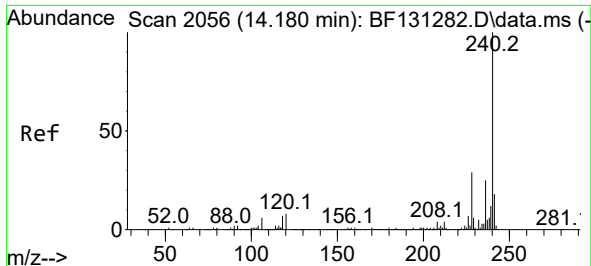
Tgt Ion:198 Resp: 736
Ion Ratio Lower Upper
198 100
51 192.7 35.7 75.7#
105 149.1 23.3 63.3#



#67
4-Bromophenyl-phenylether
Concen: 3.701 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.247 min
Lab File: BF131288.D
Acq: 17 Nov 2022 16:47

Tgt Ion:248 Resp: 15397
Ion Ratio Lower Upper
248 100
250 200.0 78.3 117.5#
141 583.7 67.6 101.4#

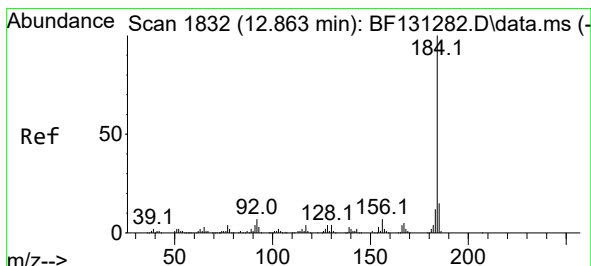
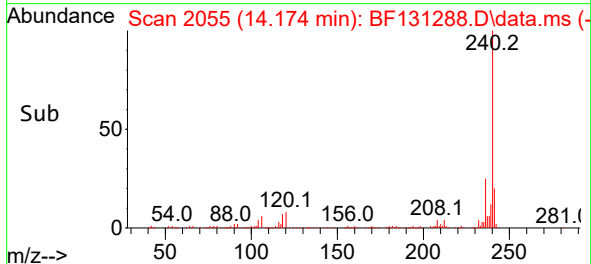
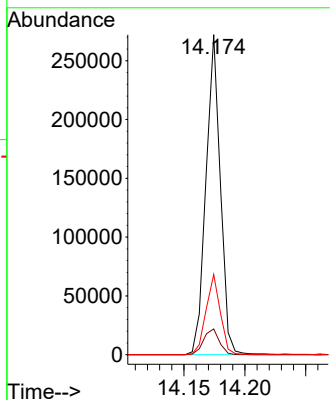
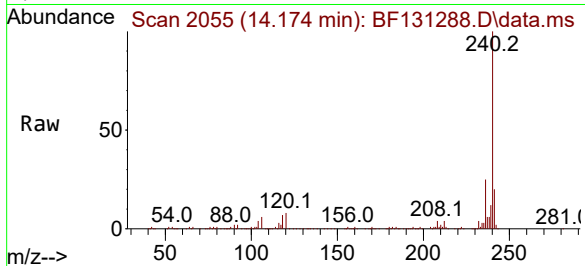




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.174 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BF131288.D
Acq: 17 Nov 2022 16:47

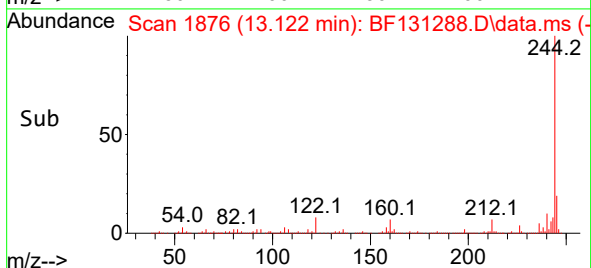
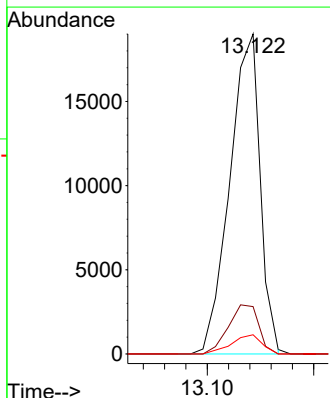
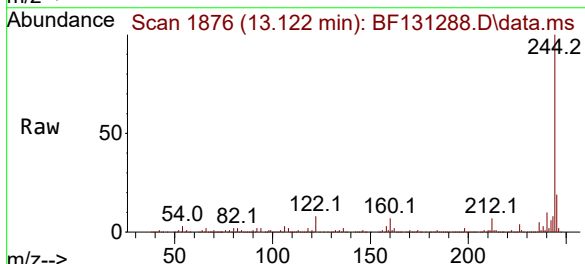
Instrument :
BNA_F
ClientSampleId :
PB149128BL

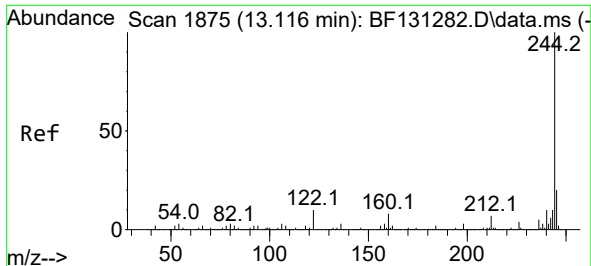
Tgt Ion:240 Resp: 223002
Ion Ratio Lower Upper
240 100
120 8.1 6.2 9.2
236 25.0 19.8 29.6



#77
Benzidine
Concen: 3.736 ng
RT: 13.122 min Scan# 1876
Delta R.T. 0.259 min
Lab File: BF131288.D
Acq: 17 Nov 2022 16:47

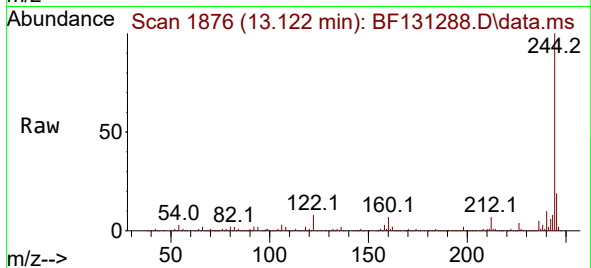
Tgt Ion:184 Resp: 18846
Ion Ratio Lower Upper
184 100
185 14.8 12.3 18.5
183 6.0 9.3 13.9#



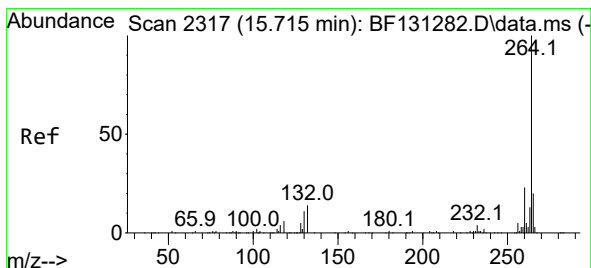
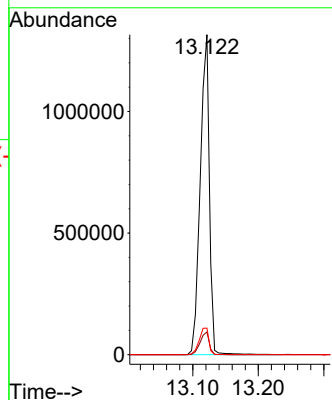


#79
 Terphenyl-d14
 Concen: 85.674 ng
 RT: 13.122 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF131288.D
 Acq: 17 Nov 2022 16:47

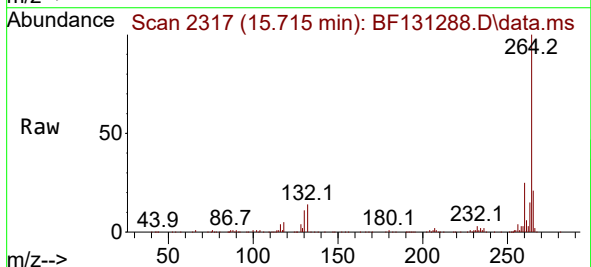
Instrument :
 BNA_F
 ClientSampleId :
 PB149128BL



Tgt Ion:244 Resp: 1278160
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 8.3 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.715 min Scan# 2317
 Delta R.T. -0.000 min
 Lab File: BF131288.D
 Acq: 17 Nov 2022 16:47



Tgt Ion:264 Resp: 156174
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.7 28.1
 265 21.2 16.2 24.4

