

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131531.D
 Acq On : 06 Dec 2022 17:16
 Operator : CG\JU
 Sample : N5844-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-17

Quant Time: Dec 07 03:22:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 01:30:30 2022
 Response via : Initial Calibration

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

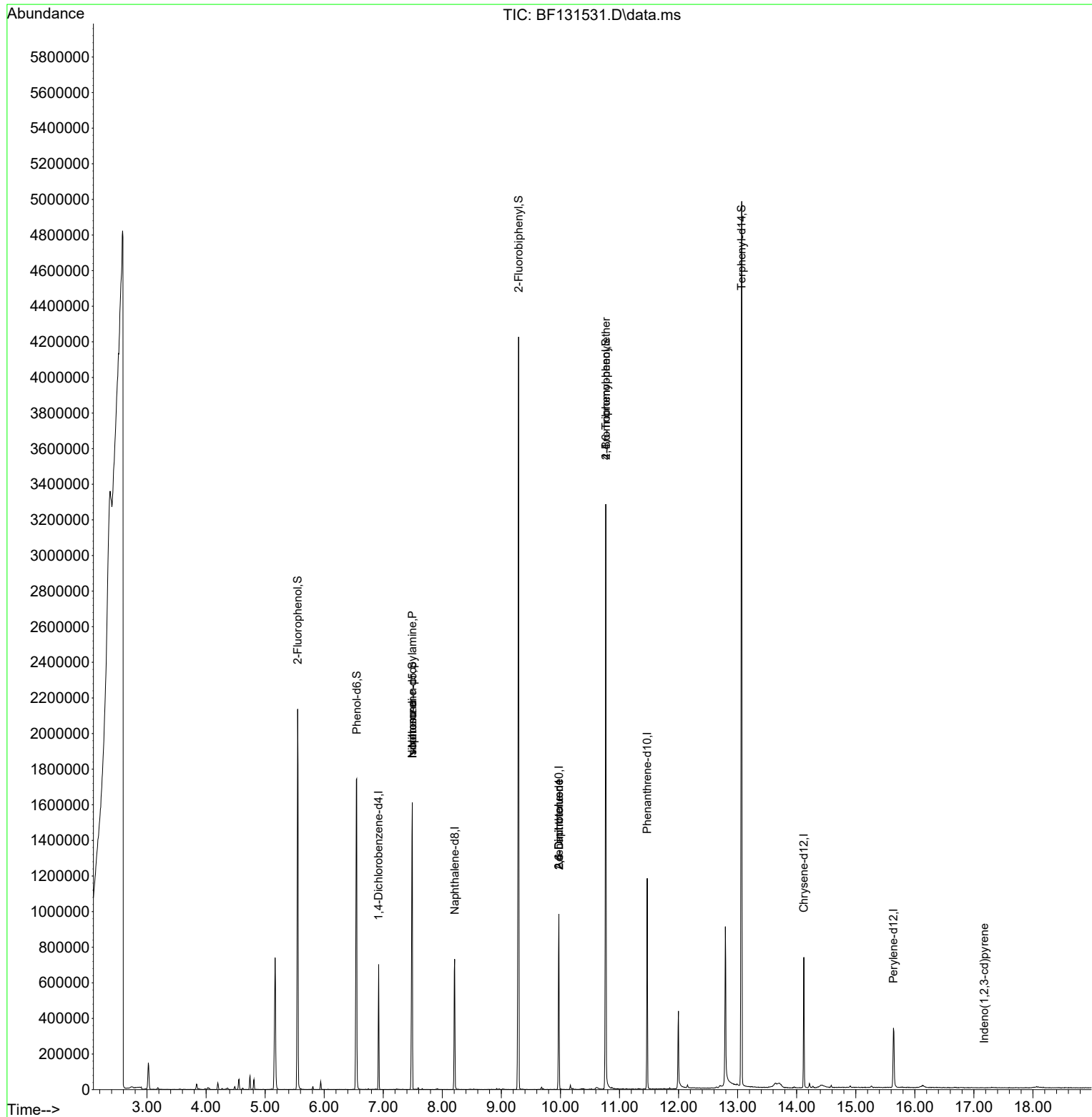
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	91919	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	344374	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	201187	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	398280	20.000	ng	0.00
76) Chrysene-d12	14.121	240	235873	20.000	ng	0.00
86) Perylene-d12	15.639	264	178667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	687387	127.704	ng	0.02
7) Phenol-d6	6.551	99	734573	109.285	ng	0.00
23) Nitrobenzene-d5	7.492	82	577736	76.997	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	435464	190.094	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1394570	90.934	ng	0.00
79) Terphenyl-d14	13.069	244	1766377	113.092	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	78853	17.334	ng	# 75
25) Isophorone	7.492	82	577731	49.499	ng	# 67
51) 2,6-Dinitrotoluene	9.975	165	24879	8.007	ng	# 21
57) 2,4-Dinitrotoluene	9.975	165	24879	6.103	ng	# 15
67) 4-Bromophenyl-phenylether	10.769	248	26788	5.376	ng	# 1
85) Di-n-octyl phthalate	14.715	149	317	Below Cal		# 1
87) Indeno(1,2,3-cd)pyrene	17.174	276	55	3.027	ng	# 55

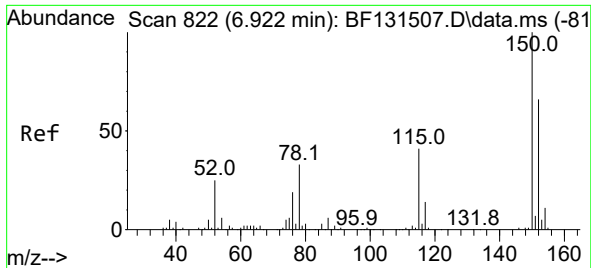
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
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QLast Update : Tue Dec 06 01:30:30 2022
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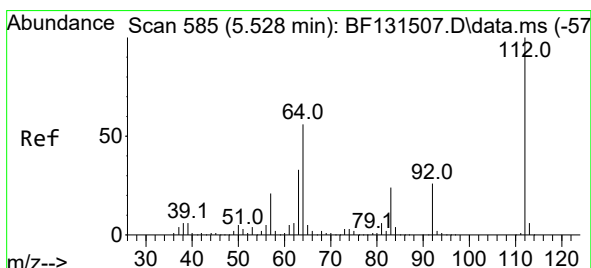
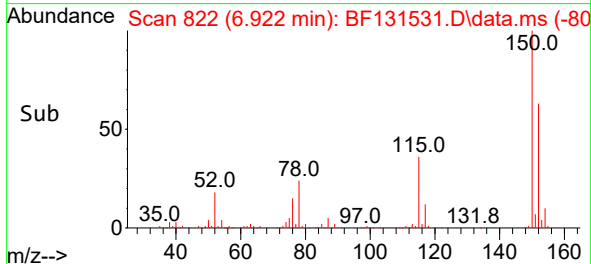
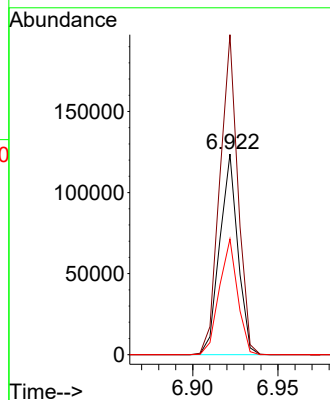
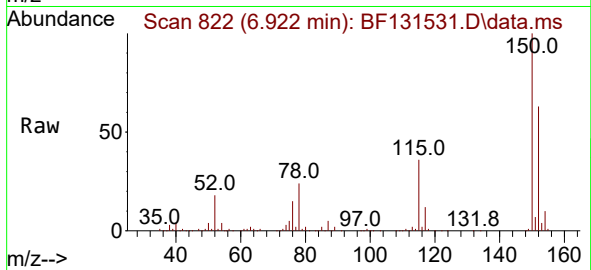




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131531.D
Acq: 06 Dec 2022 17:16

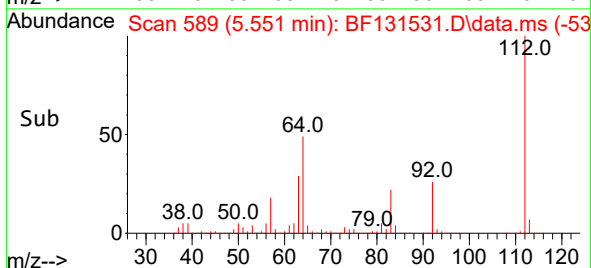
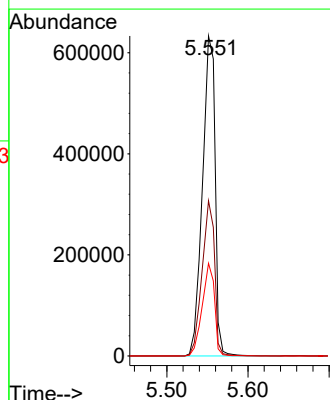
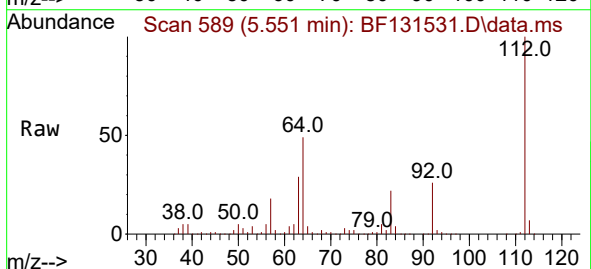
Instrument :
BNA_F
ClientSampleId :
MH-17

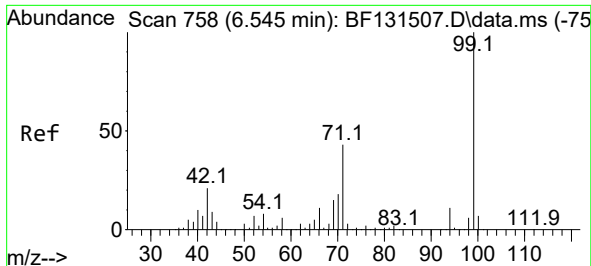
Tgt Ion:152 Resp: 91919
Ion Ratio Lower Upper
152 100
150 159.5 121.9 182.9
115 57.7 50.4 75.6



#5
2-Fluorophenol
Concen: 127.704 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.024 min
Lab File: BF131531.D
Acq: 06 Dec 2022 17:16

Tgt Ion:112 Resp: 687387
Ion Ratio Lower Upper
112 100
64 48.5 44.5 66.7
63 29.0 26.7 40.1

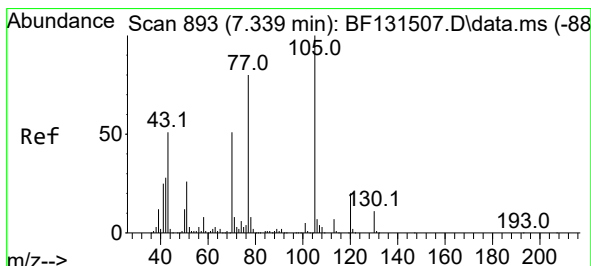
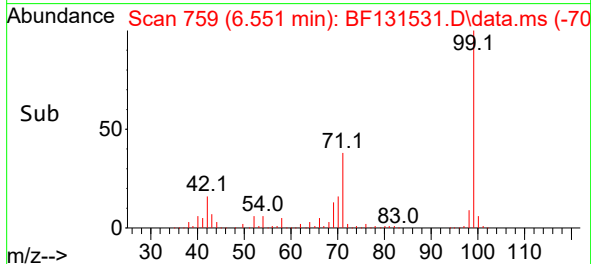
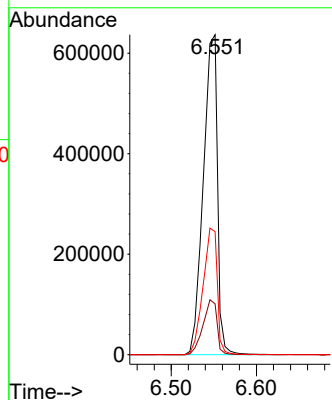
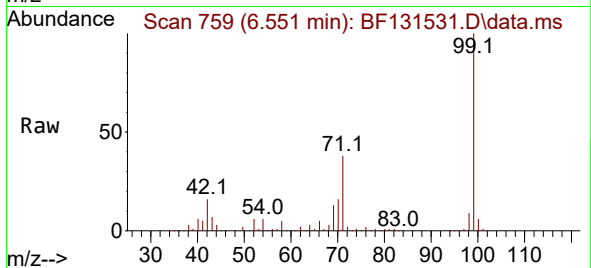




#7
Phenol-d6
Concen: 109.285 ng
RT: 6.551 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131531.D
Acq: 06 Dec 2022 17:16

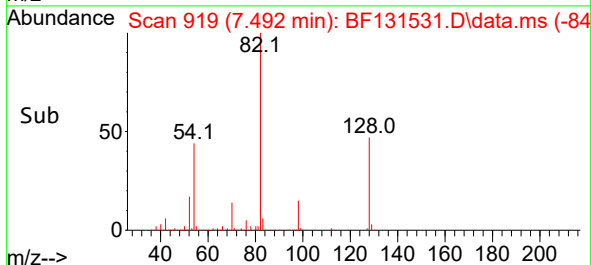
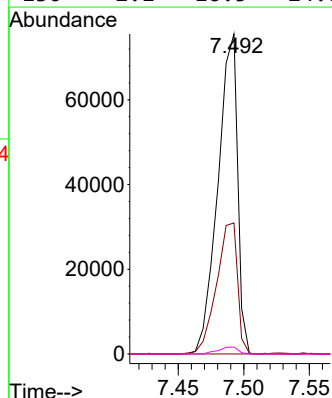
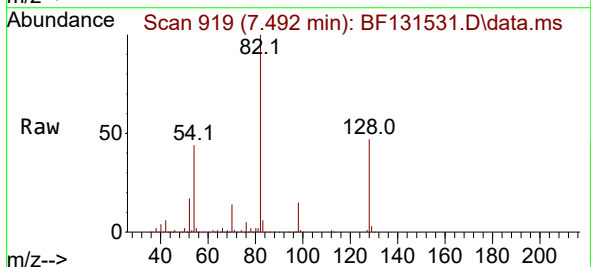
Instrument :
BNA_F
ClientSampleId :
MH-17

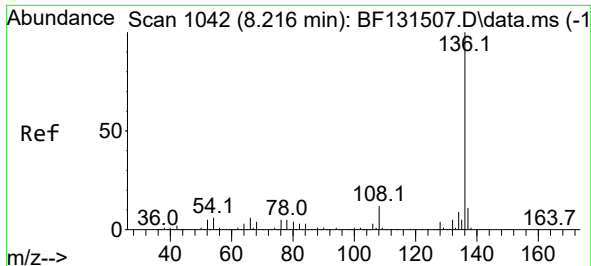
Tgt Ion: 99 Resp: 734573
Ion Ratio Lower Upper
99 100
42 15.9 16.6 25.0#
71 38.4 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.334 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.153 min
Lab File: BF131531.D
Acq: 06 Dec 2022 17:16

Tgt Ion: 70 Resp: 78853
Ion Ratio Lower Upper
70 100
42 40.9 44.1 66.1#
101 0.0 7.7 11.5#
130 2.1 16.5 24.7#

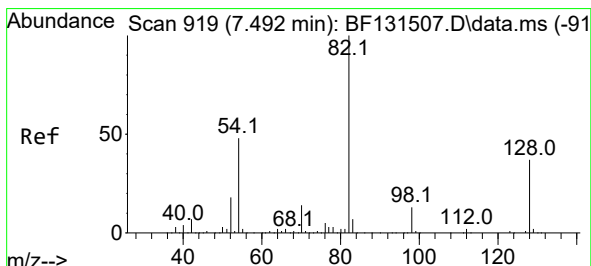
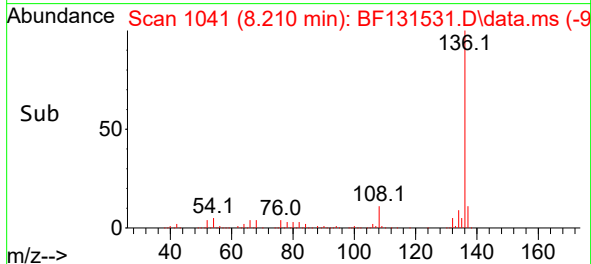
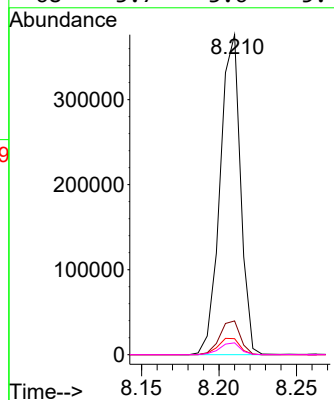
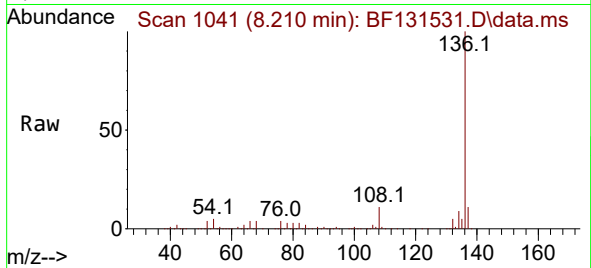




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131531.D
Acq: 06 Dec 2022 17:16

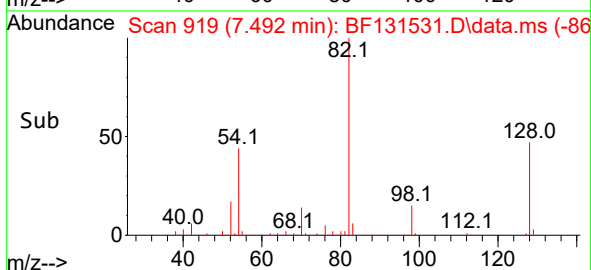
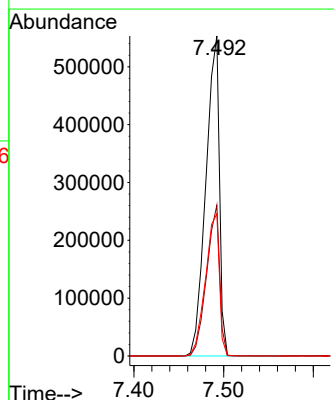
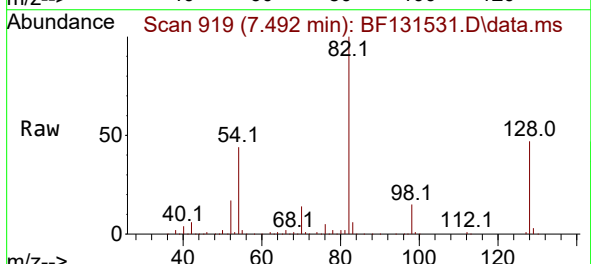
Instrument :
BNA_F
ClientSampleId :
MH-17

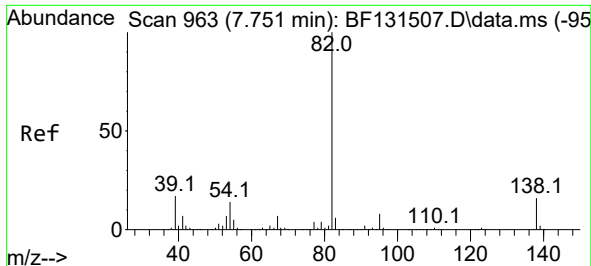
Tgt Ion:136 Resp: 344374
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 5.0 5.0 7.6#
68 3.7 3.6 5.4



#23
Nitrobenzene-d5
Concen: 76.997 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF131531.D
Acq: 06 Dec 2022 17:16

Tgt Ion: 82 Resp: 577736
Ion Ratio Lower Upper
82 100
128 47.1 29.7 44.5#
54 44.4 38.7 58.1

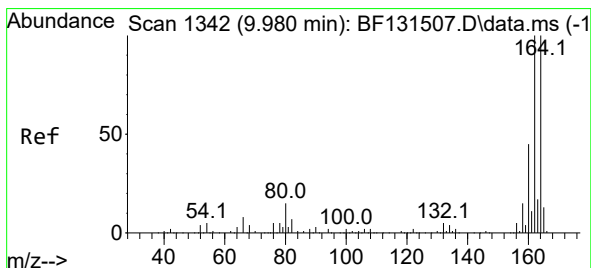
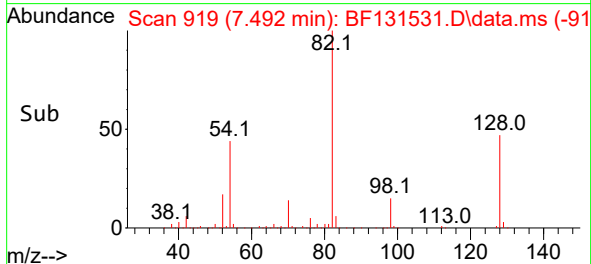
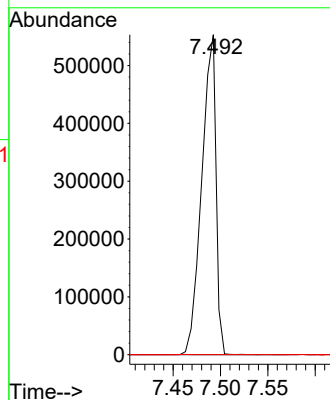
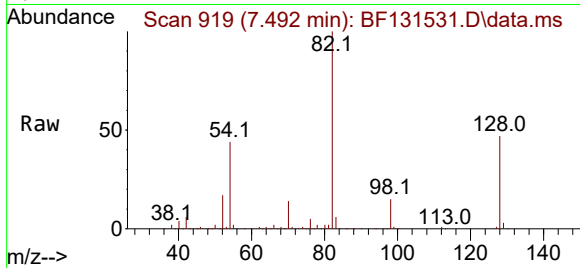




#25
Isophorone
Concen: 49.499 ng
RT: 7.492 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131531.D
Acq: 06 Dec 2022 17:16

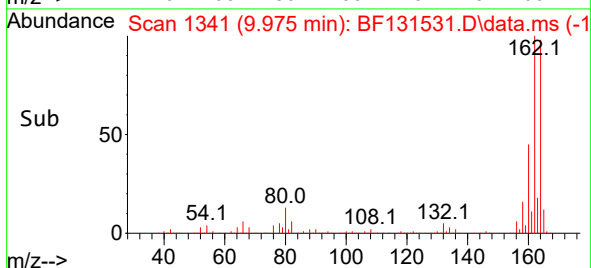
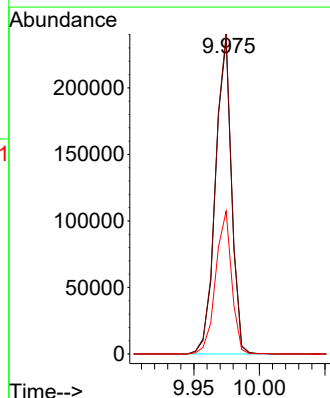
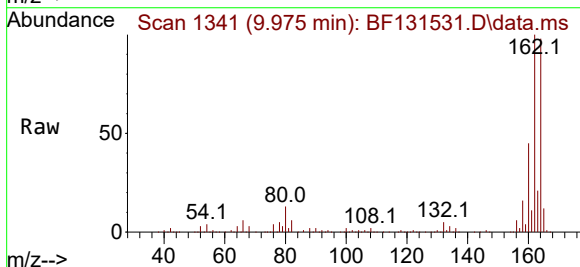
Instrument :
BNA_F
ClientSampleId :
MH-17

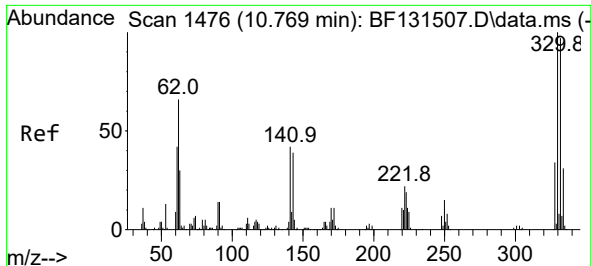
Tgt Ion: 82 Resp: 577731
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BF131531.D
Acq: 06 Dec 2022 17:16

Tgt Ion:164 Resp: 201187
Ion Ratio Lower Upper
164 100
162 101.6 80.1 120.1
160 45.4 36.4 54.6

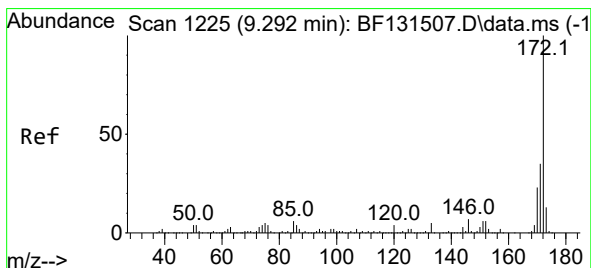
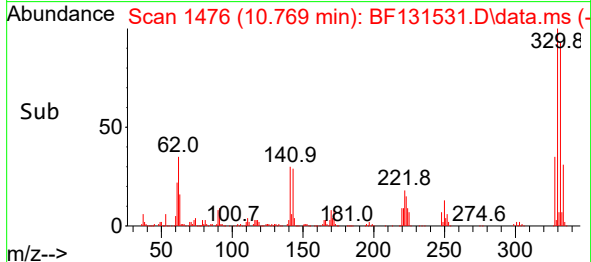
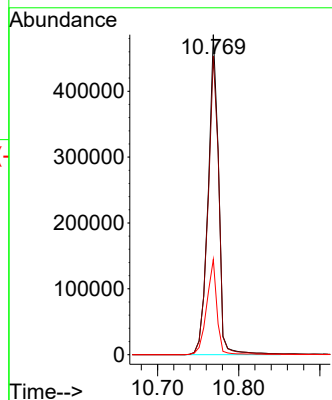
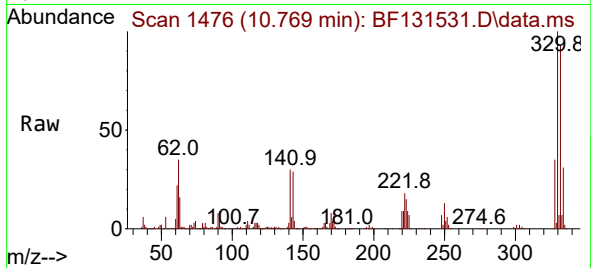




#42
2,4,6-Tribromophenol
Concen: 190.094 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF131531.D
Acq: 06 Dec 2022 17:16

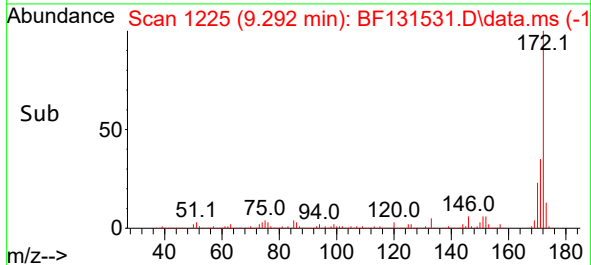
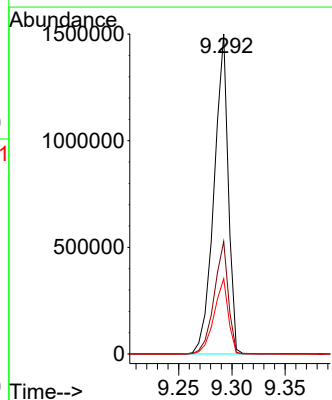
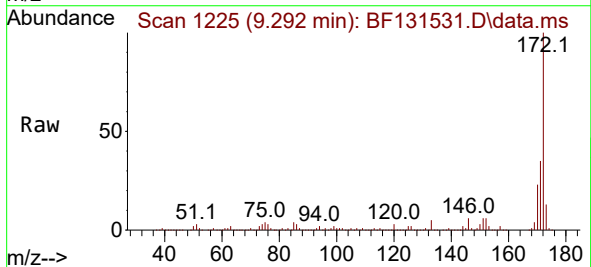
Instrument :
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ClientSampleId :
MH-17

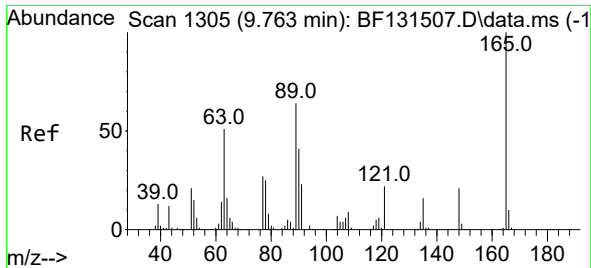
Tgt Ion: 330 Resp: 435464
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.2
141 29.1 29.1 43.7



#45
2-Fluorobiphenyl
Concen: 90.934 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF131531.D
Acq: 06 Dec 2022 17:16

Tgt Ion: 172 Resp: 1394570
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 23.5 18.7 28.1

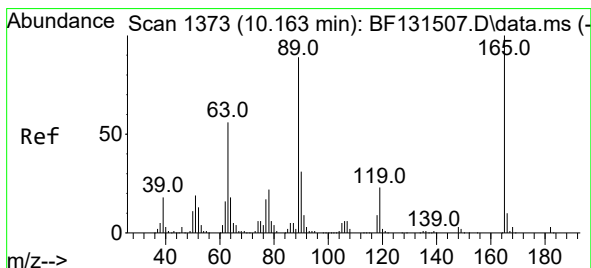
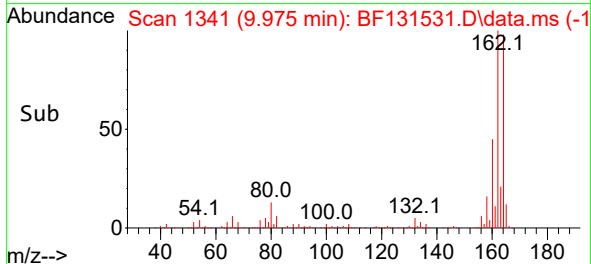
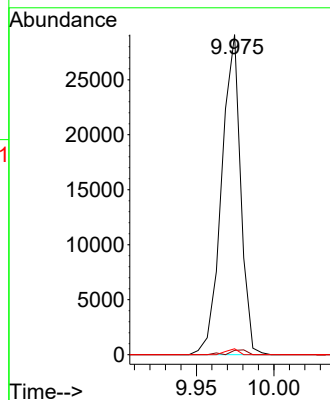
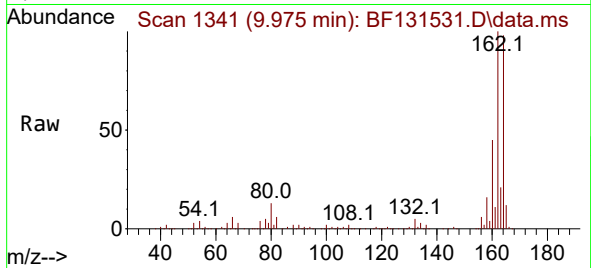




#51
2,6-Dinitrotoluene
Concen: 8.007 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.212 min
Lab File: BF131531.D
Acq: 06 Dec 2022 17:16

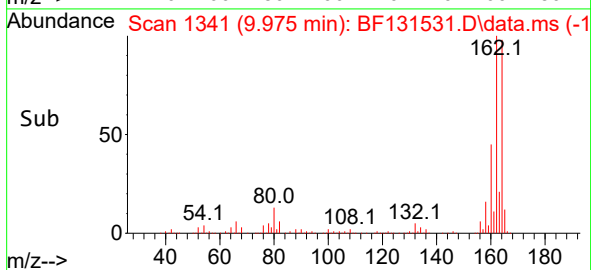
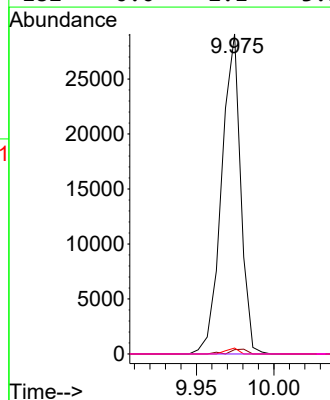
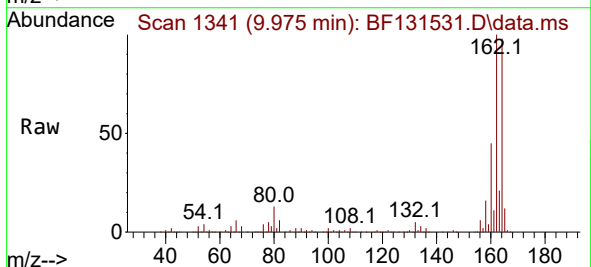
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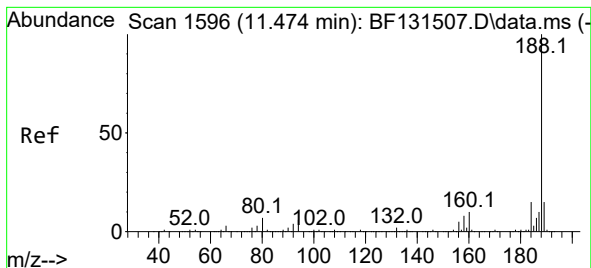
Tgt Ion:165 Resp: 24879
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.9 51.3 76.9#



#57
2,4-Dinitrotoluene
Concen: 6.103 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.188 min
Lab File: BF131531.D
Acq: 06 Dec 2022 17:16

Tgt Ion:165 Resp: 24879
Ion Ratio Lower Upper
165 100
63 1.3 45.3 67.9#
89 1.9 71.0 106.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131531.D

Acq: 06 Dec 2022 17:16

Instrument :

BNA_F

ClientSampleId :

MH-17

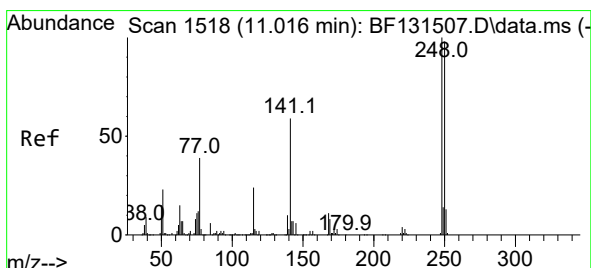
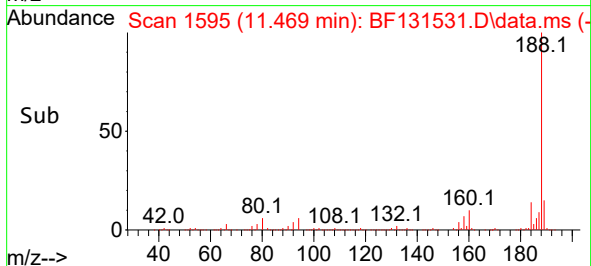
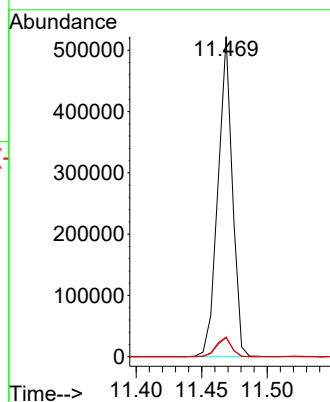
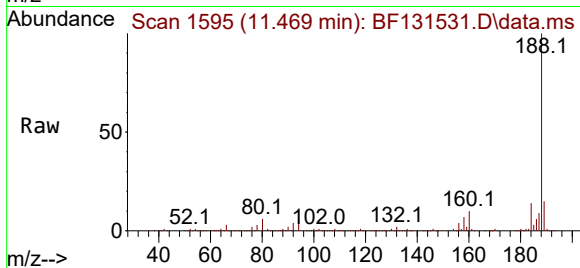
Tgt Ion:188 Resp: 398280

Ion Ratio Lower Upper

188 100

94 6.0 5.1 7.7

80 6.2 5.9 8.9



#67

4-Bromophenyl-phenylether

Concen: 5.376 ng

RT: 10.769 min Scan# 1476

Delta R.T. -0.247 min

Lab File: BF131531.D

Acq: 06 Dec 2022 17:16

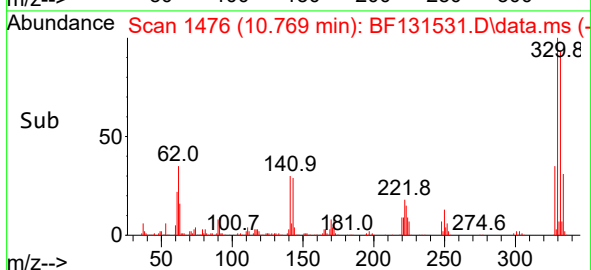
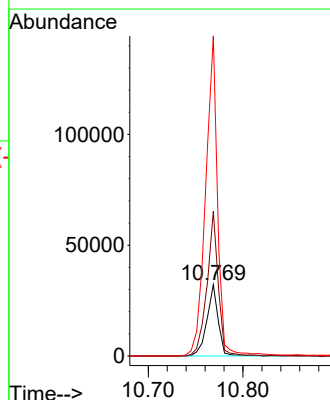
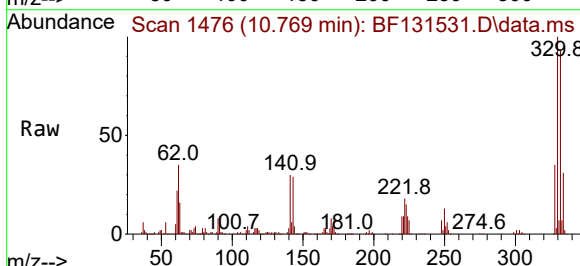
Tgt Ion:248 Resp: 26788

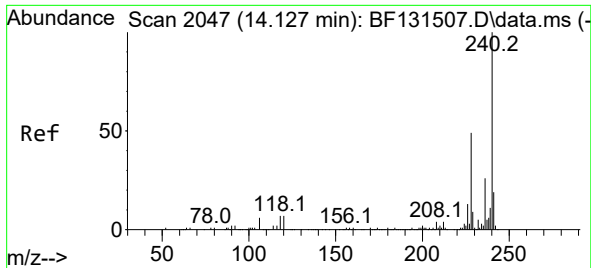
Ion Ratio Lower Upper

248 100

250 203.2 78.6 117.8#

141 449.0 47.1 70.7#

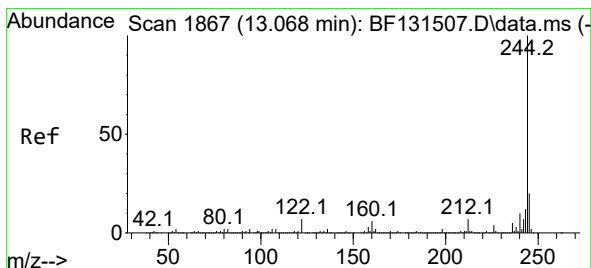
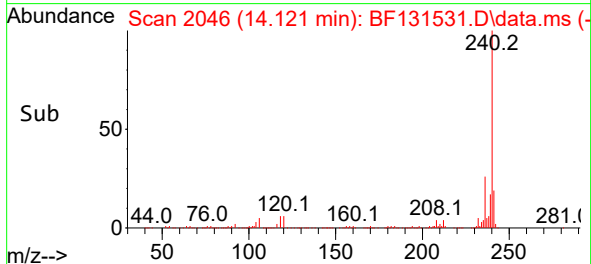
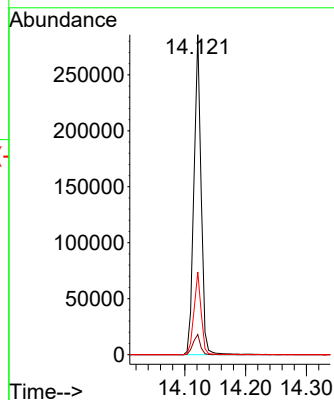
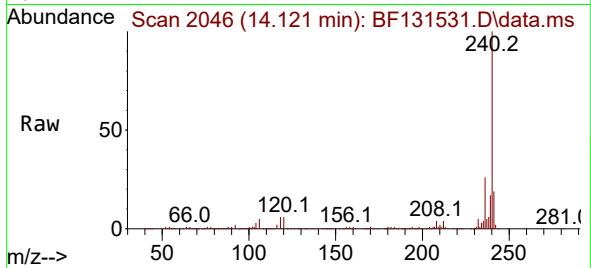




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF131531.D
Acq: 06 Dec 2022 17:16

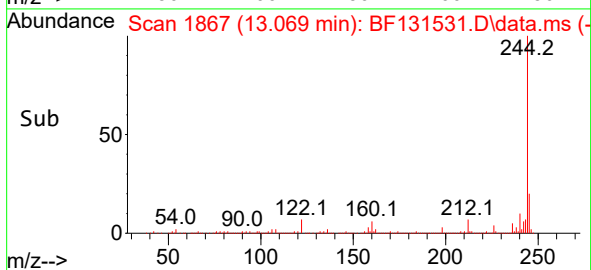
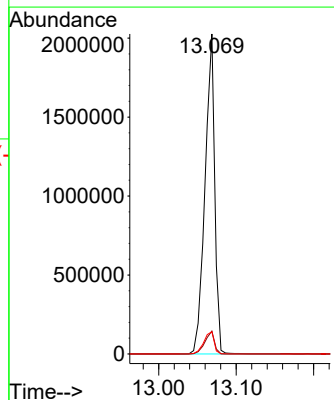
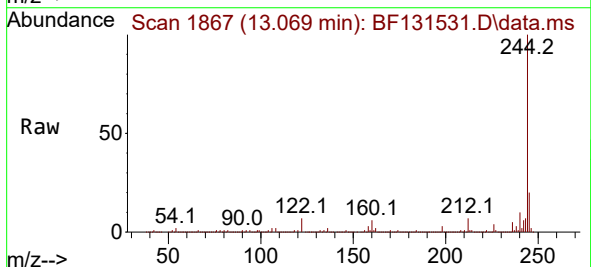
Instrument :
BNA_F
ClientSampleId :
MH-17

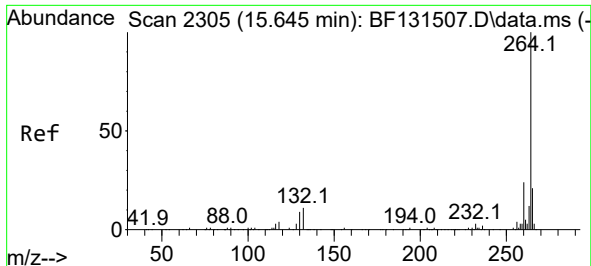
Tgt Ion:240 Resp: 235873
Ion Ratio Lower Upper
240 100
120 6.3 5.6 8.4
236 25.9 20.6 31.0



#79
Terphenyl-d14
Concen: 113.092 ng
RT: 13.069 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BF131531.D
Acq: 06 Dec 2022 17:16

Tgt Ion:244 Resp: 1766377
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 6.9 5.4 8.2

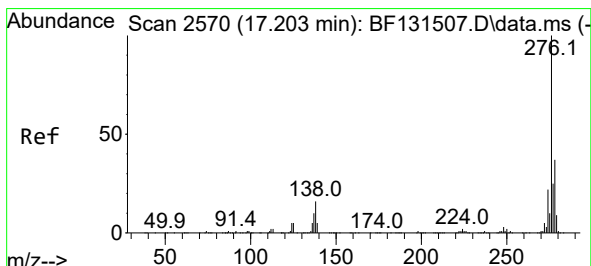
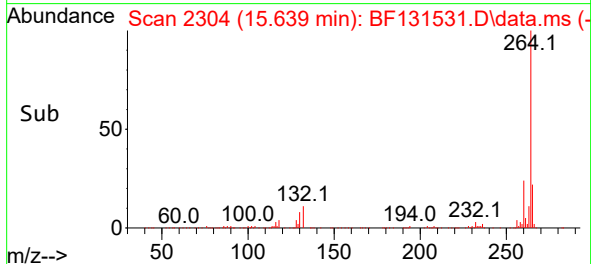
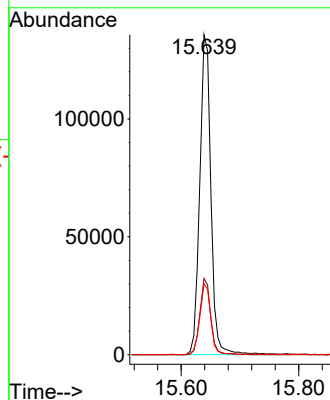
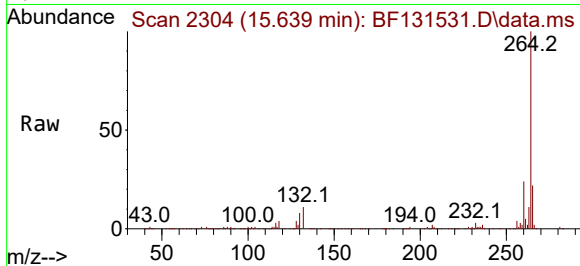




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131531.D
Acq: 06 Dec 2022 17:16

Instrument :
BNA_F
ClientSampleId :
MH-17

Tgt Ion:264 Resp: 178667
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 22.2 17.0 25.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.027 ng
RT: 17.174 min Scan# 2565
Delta R.T. -0.029 min
Lab File: BF131531.D
Acq: 06 Dec 2022 17:16

Tgt Ion:276 Resp: 55
Ion Ratio Lower Upper
276 100
138 0.0 13.2 19.8#
277 0.0 19.6 29.4#

