

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
 Data File : BF131059.D
 Acq On : 08 Nov 2022 10:59
 Operator : CG\JU
 Sample : N5415-15RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-28

Quant Time: Nov 08 12:36:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

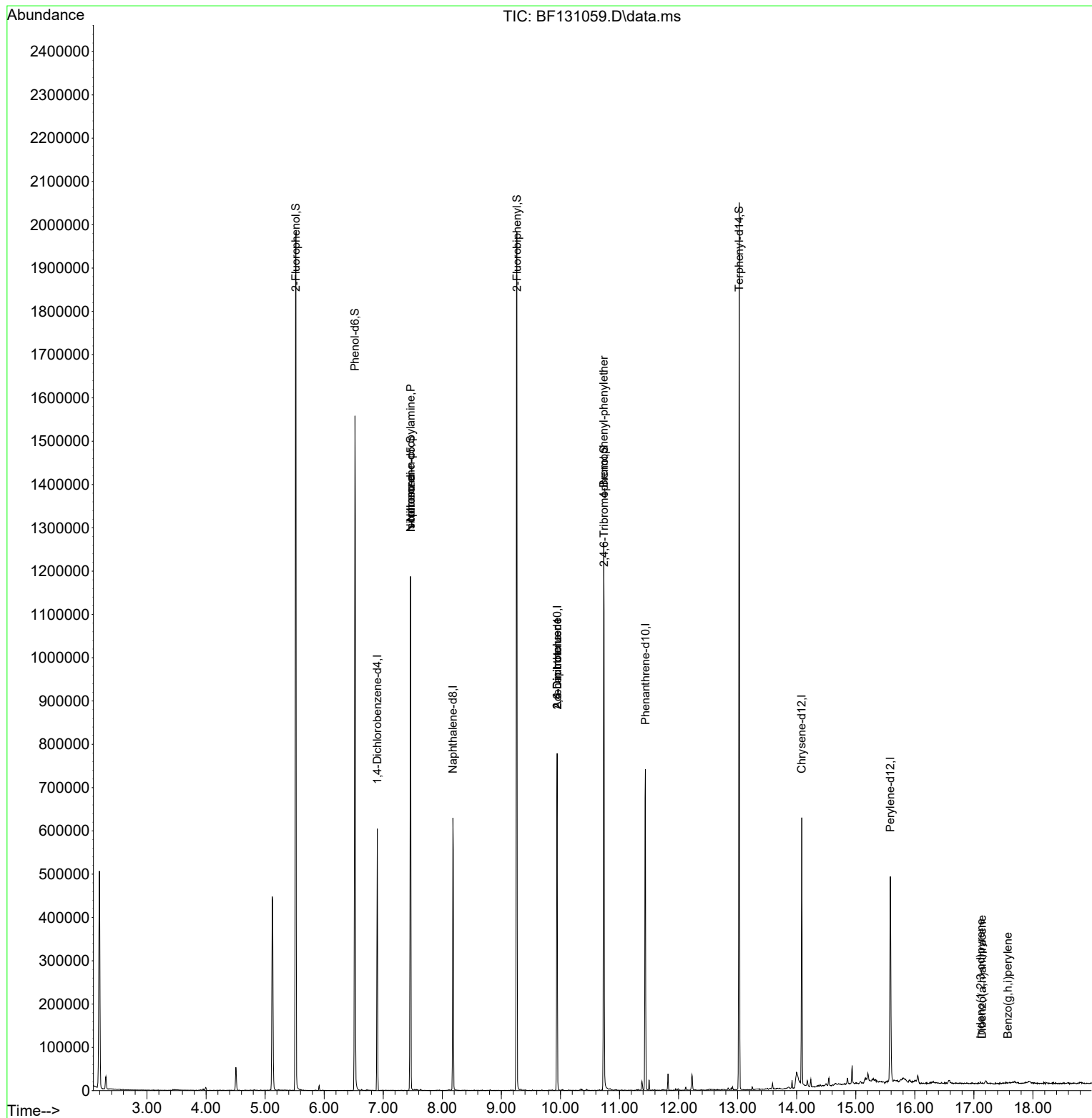
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	69661	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	271562	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	150444	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	270042	20.000	ng	0.00
76) Chrysene-d12	14.086	240	197573	20.000	ng	0.00
86) Perylene-d12	15.586	264	206139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	528623	122.365	ng	0.00
7) Phenol-d6	6.522	99	508897	96.512	ng	0.00
23) Nitrobenzene-d5	7.463	82	349472	59.651	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	146014	88.154	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	626628	56.764	ng	0.00
79) Terphenyl-d14	13.027	244	653706	53.047	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	47559	12.656	ng	# 74
25) Isophorone	7.463	82	349469	34.801	ng	# 66
51) 2,6-Dinitrotoluene	9.945	165	19636	7.939	ng	# 17
57) 2,4-Dinitrotoluene	9.945	165	19636	6.111	ng	# 18
67) 4-Bromophenyl-phenylether	10.733	248	9430	2.779	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.115	276	271	3.336	ng	# 52
91) Dibenzo(a,h)anthracene	17.139	278	211	3.320	ng	# 57
92) Benzo(g,h,i)perylene	17.574	276	298	3.411	ng	# 54

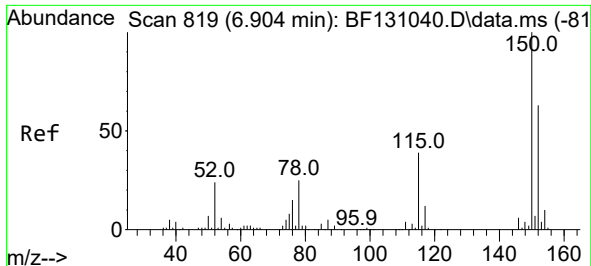
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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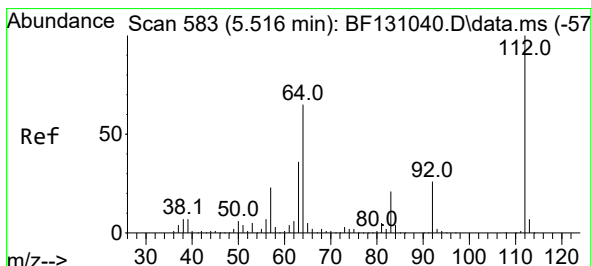
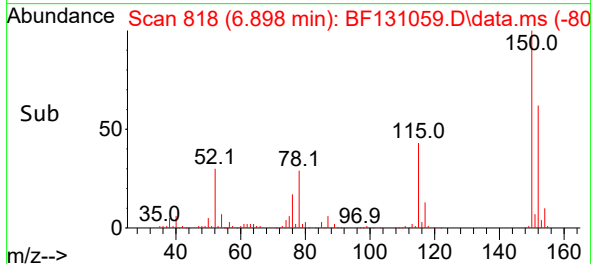
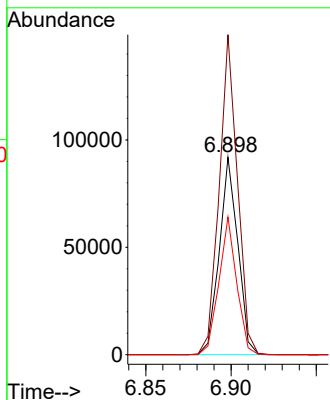
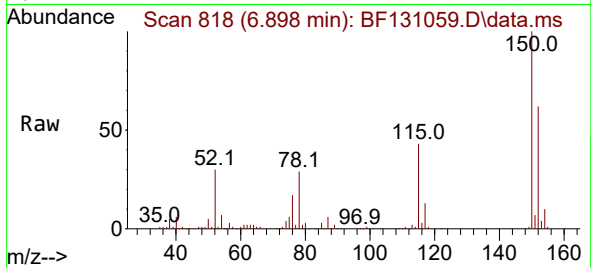




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131059.D
Acq: 08 Nov 2022 10:59

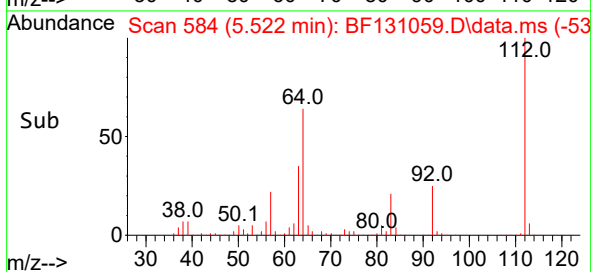
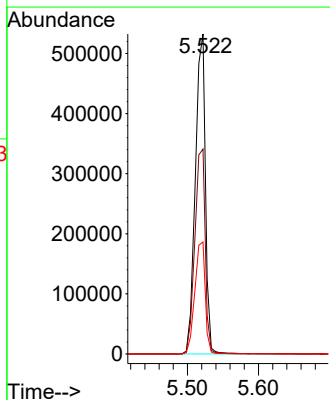
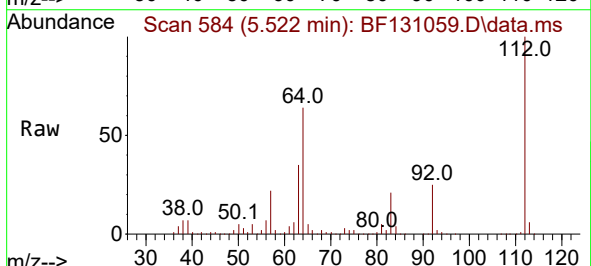
Instrument :
BNA_F
ClientSampleId :
R-28

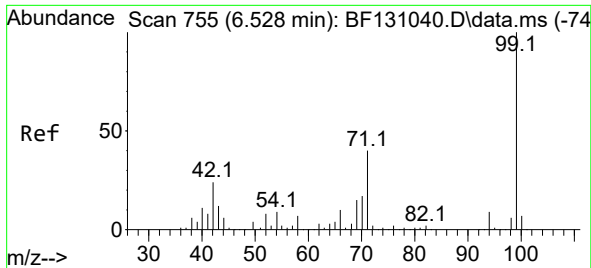
Tgt Ion:152 Resp: 69661
Ion Ratio Lower Upper
152 100
150 162.0 126.6 189.8
115 69.7 49.1 73.7



#5
2-Fluorophenol
Concen: 122.365 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF131059.D
Acq: 08 Nov 2022 10:59

Tgt Ion:112 Resp: 528623
Ion Ratio Lower Upper
112 100
64 64.1 52.2 78.4
63 35.0 29.0 43.4

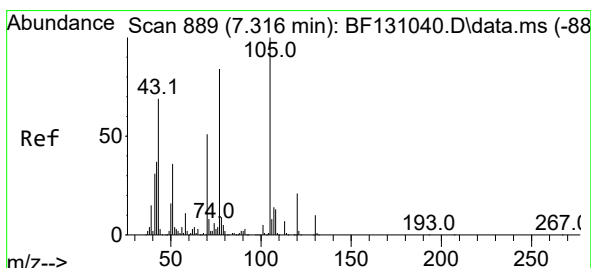
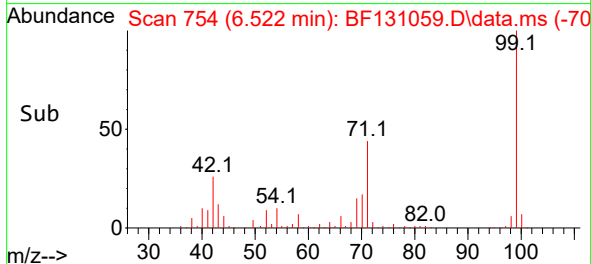
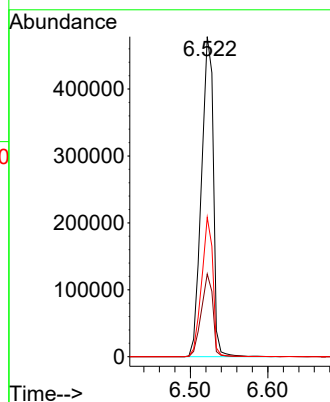
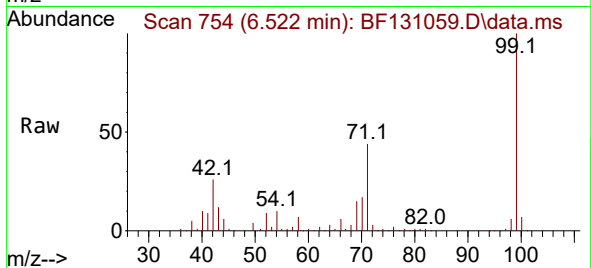




#7
Phenol-d6
Concen: 96.512 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131059.D
Acq: 08 Nov 2022 10:59

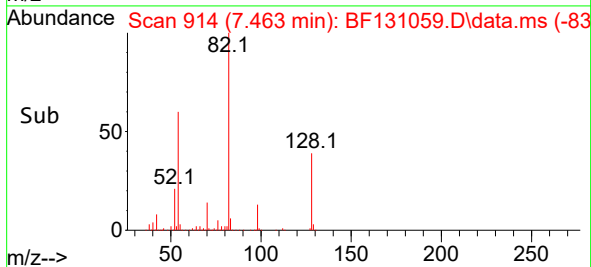
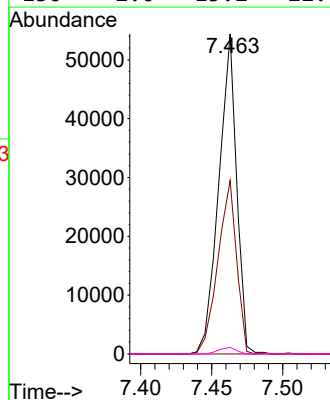
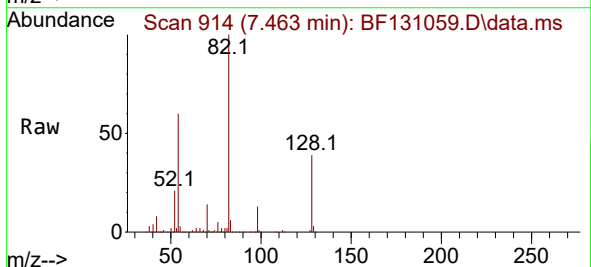
Instrument :
BNA_F
ClientSampleId :
R-28

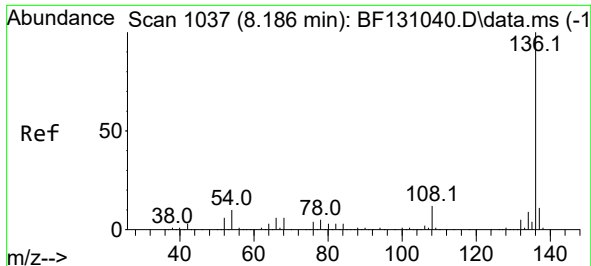
Tgt Ion: 99 Resp: 508897
Ion Ratio Lower Upper
99 100
42 25.9 19.4 29.0
71 43.6 31.8 47.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.656 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF131059.D
Acq: 08 Nov 2022 10:59

Tgt Ion: 70 Resp: 47559
Ion Ratio Lower Upper
70 100
42 54.2 59.0 88.4#
101 0.0 8.0 12.0#
130 2.0 15.2 22.8#

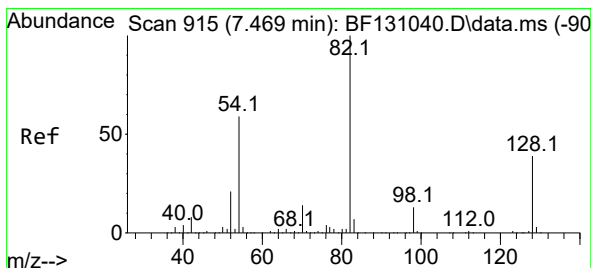
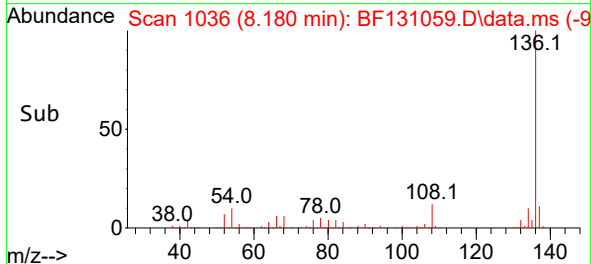
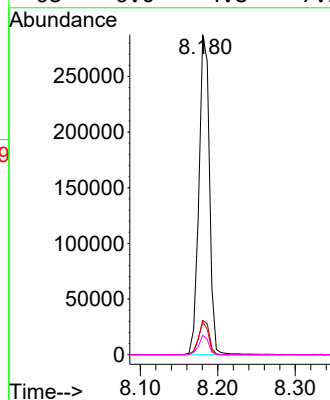
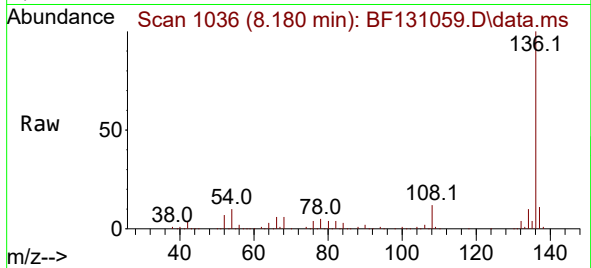




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF131059.D
Acq: 08 Nov 2022 10:59

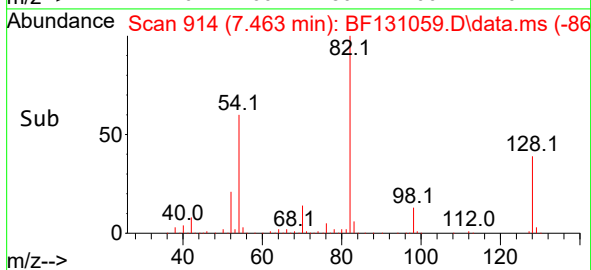
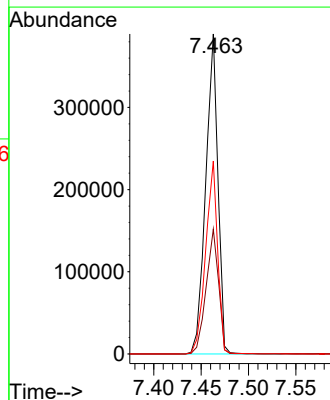
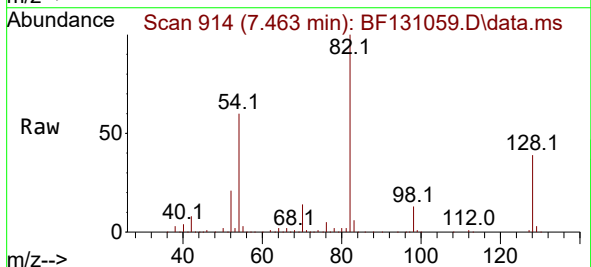
Instrument :
BNA_F
ClientSampleId :
R-28

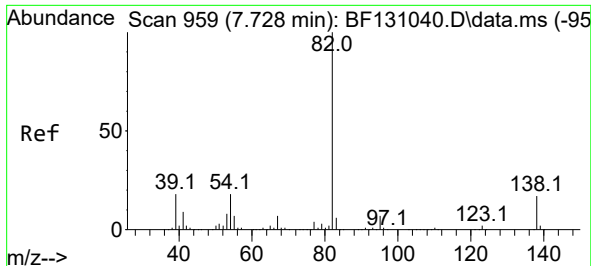
Tgt Ion:	136	Resp:	271562
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.8	13.2
54	10.2	8.2	12.2
68	6.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 59.651 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF131059.D
Acq: 08 Nov 2022 10:59

Tgt Ion:	82	Resp:	349472
Ion Ratio	Lower	Upper	
82	100		
128	39.0	31.3	46.9
54	60.3	47.2	70.8

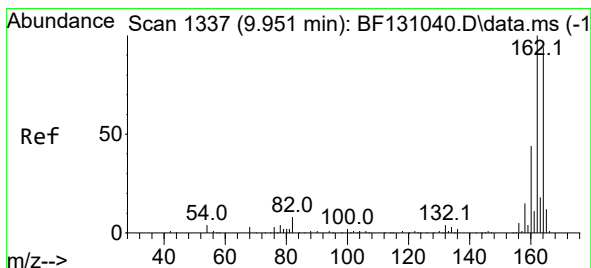
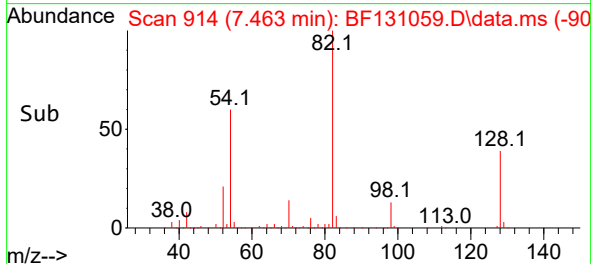
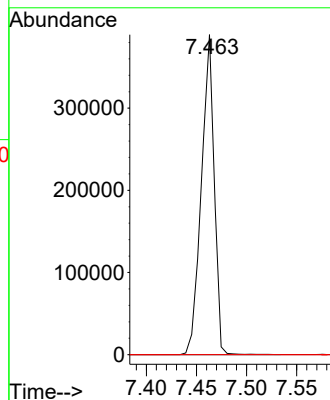
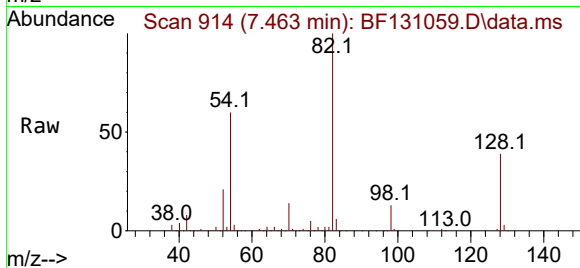




#25
Isophorone
Concen: 34.801 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.265 min
Lab File: BF131059.D
Acq: 08 Nov 2022 10:59

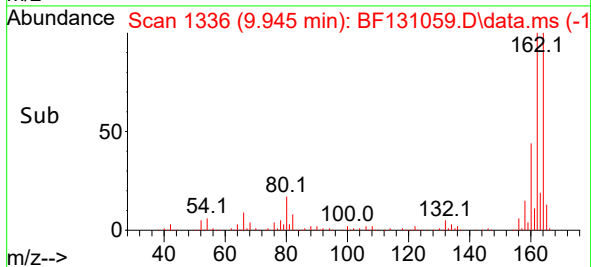
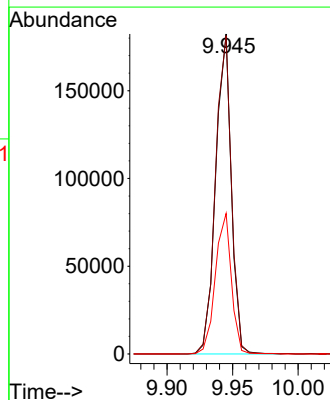
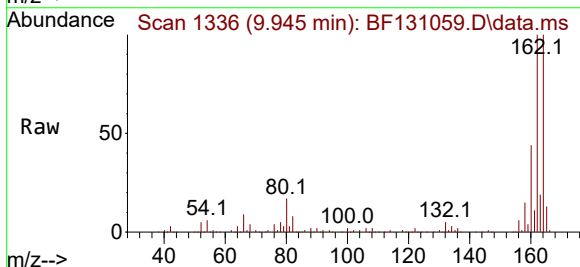
Instrument :
BNA_F
ClientSampleId :
R-28

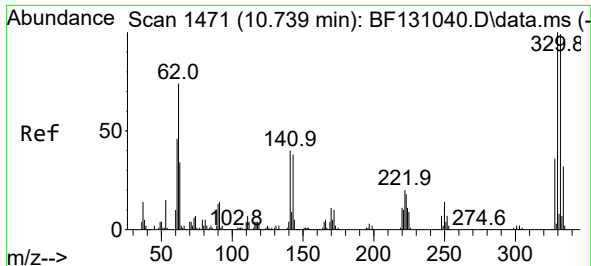
Tgt Ion: 82 Resp: 349469
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.5 20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131059.D
Acq: 08 Nov 2022 10:59

Tgt Ion:164 Resp: 150444
Ion Ratio Lower Upper
164 100
162 99.5 85.0 127.6
160 43.9 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 88.154 ng

RT: 10.739 min Scan# 1471

Delta R.T. 0.000 min

Lab File: BF131059.D

Acq: 08 Nov 2022 10:59

Instrument :

BNA_F

ClientSampleId :

R-28

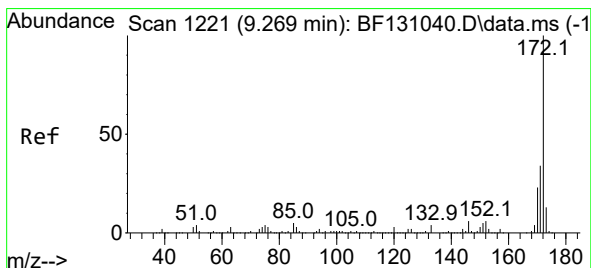
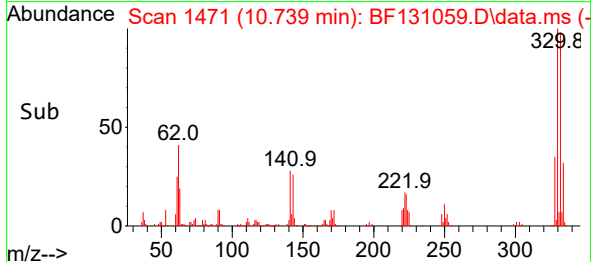
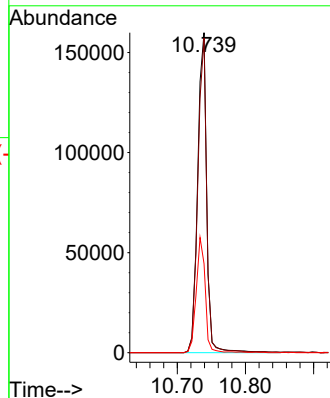
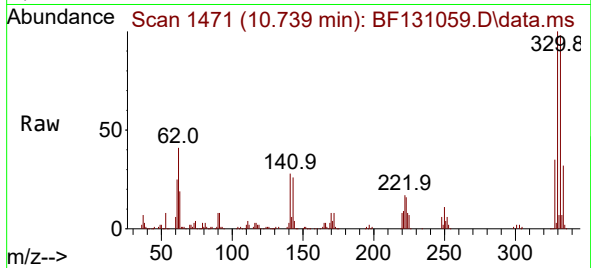
Tgt Ion:330 Resp: 146014

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.4

141 35.9 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 56.764 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131059.D

Acq: 08 Nov 2022 10:59

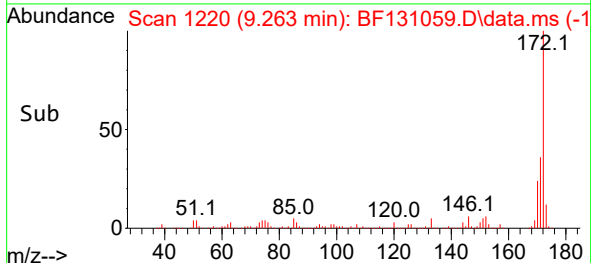
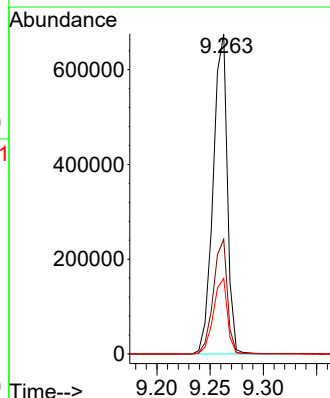
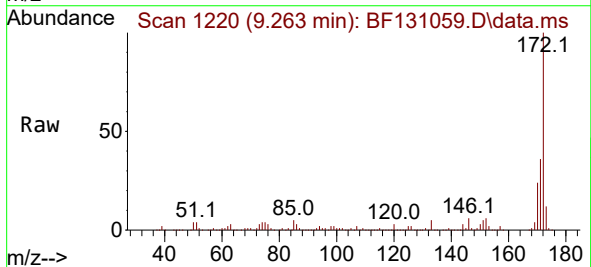
Tgt Ion:172 Resp: 626628

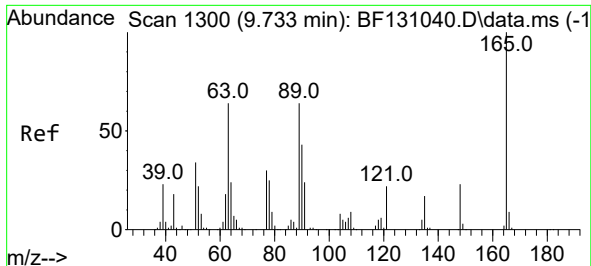
Ion Ratio Lower Upper

172 100

171 35.8 27.7 41.5

170 23.6 18.4 27.6

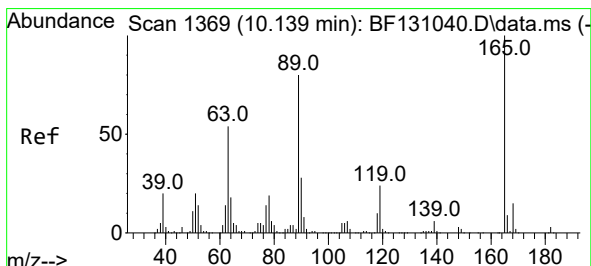
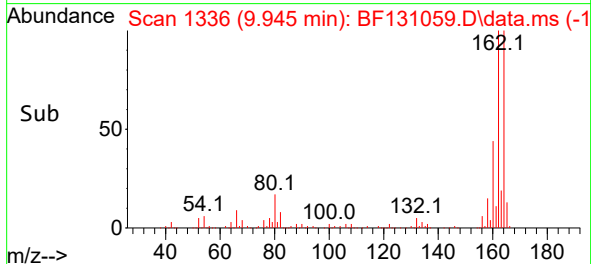
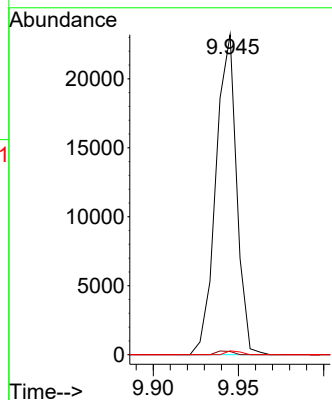
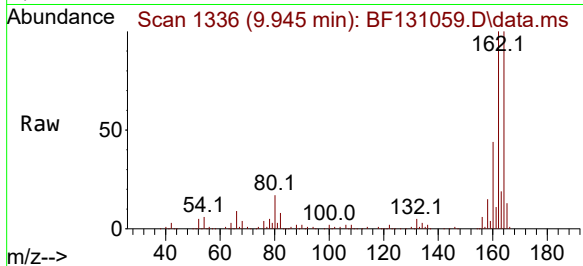




#51
2,6-Dinitrotoluene
Concen: 7.939 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF131059.D
Acq: 08 Nov 2022 10:59

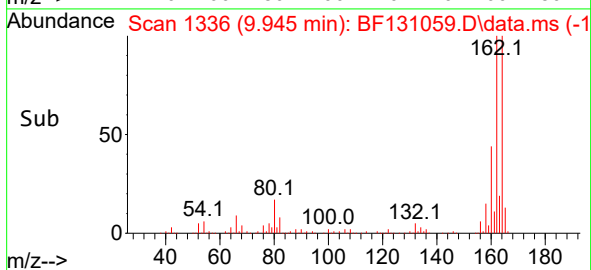
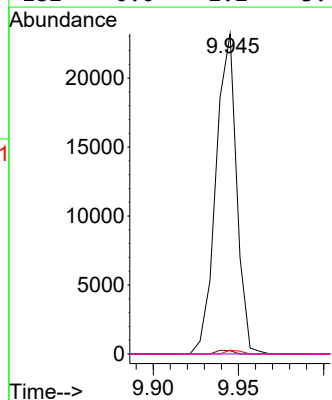
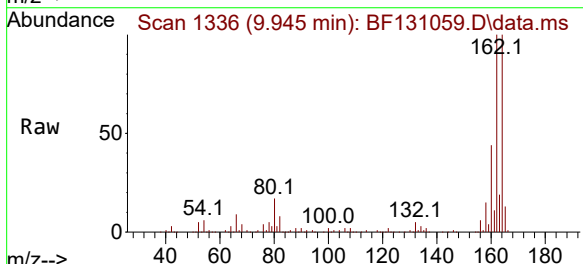
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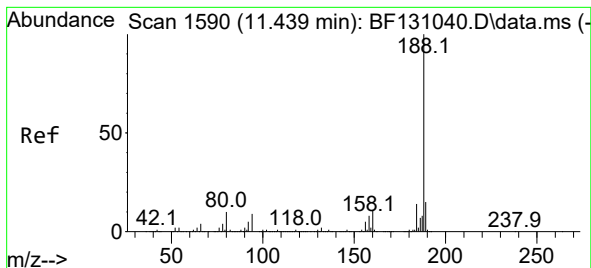
Tgt Ion:165 Resp: 19636
Ion Ratio Lower Upper
165 100
63 1.0 57.2 85.8#
89 1.2 51.4 77.2#



#57
2,4-Dinitrotoluene
Concen: 6.111 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.194 min
Lab File: BF131059.D
Acq: 08 Nov 2022 10:59

Tgt Ion:165 Resp: 19636
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.0#
89 1.2 64.0 96.0#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131059.D

Acq: 08 Nov 2022 10:59

Instrument :

BNA_F

ClientSampleId :

R-28

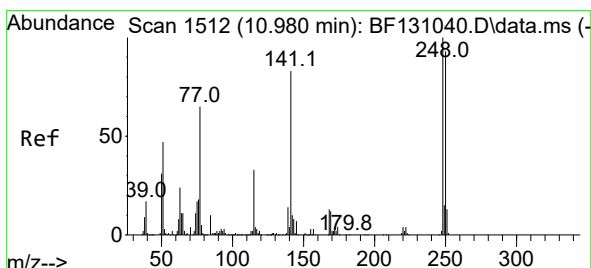
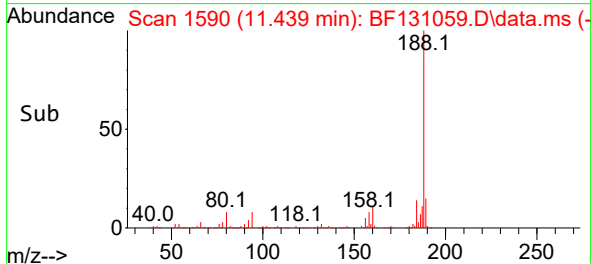
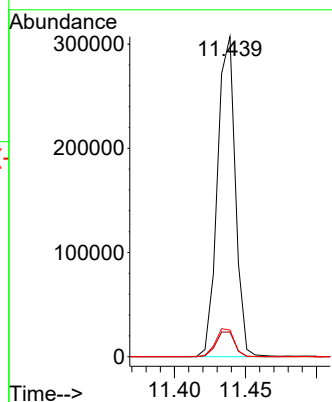
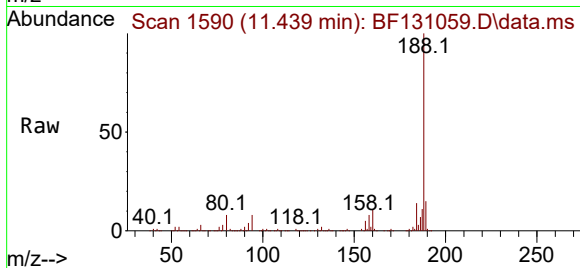
Tgt Ion:188 Resp: 270042

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.6

80 8.3 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 2.779 ng

RT: 10.733 min Scan# 1470

Delta R.T. -0.247 min

Lab File: BF131059.D

Acq: 08 Nov 2022 10:59

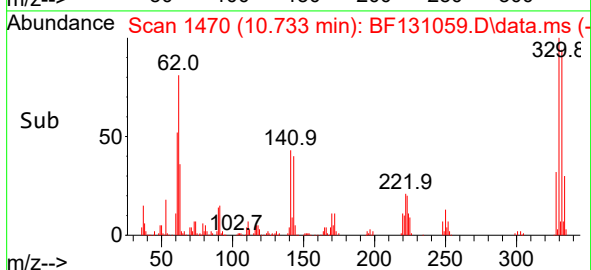
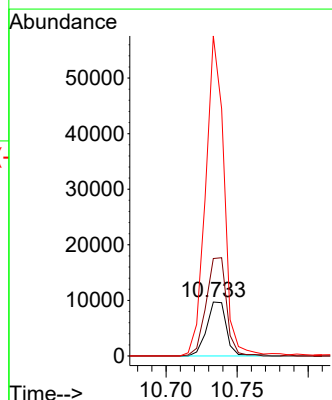
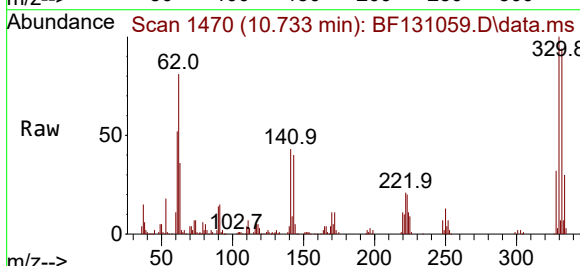
Tgt Ion:248 Resp: 9430

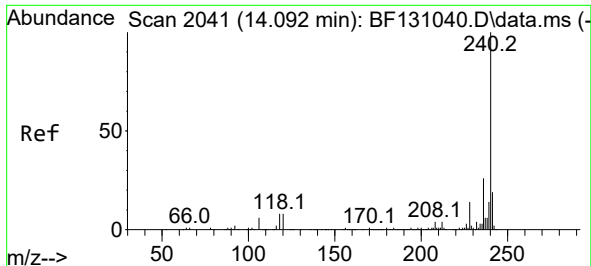
Ion Ratio Lower Upper

248 100

250 180.6 74.6 112.0#

141 593.3 66.2 99.2#

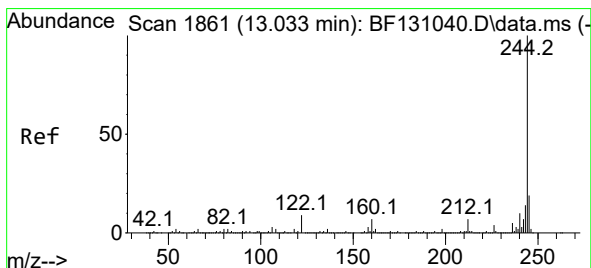
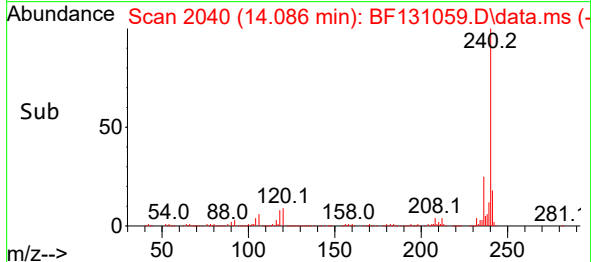
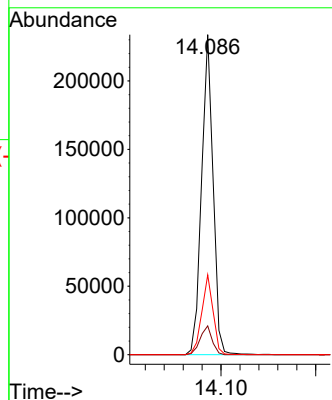
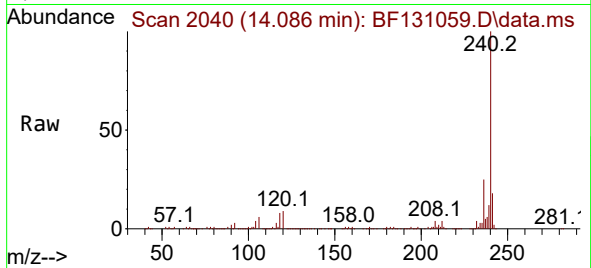




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131059.D
Acq: 08 Nov 2022 10:59

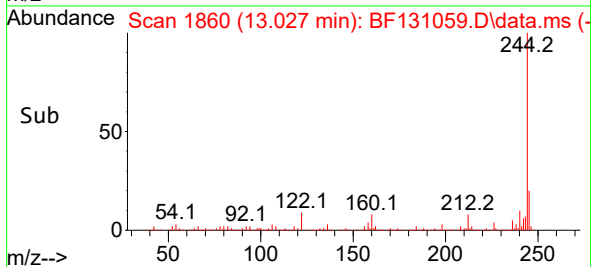
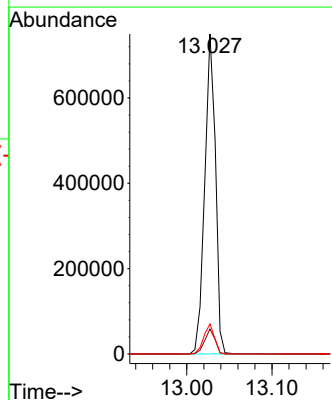
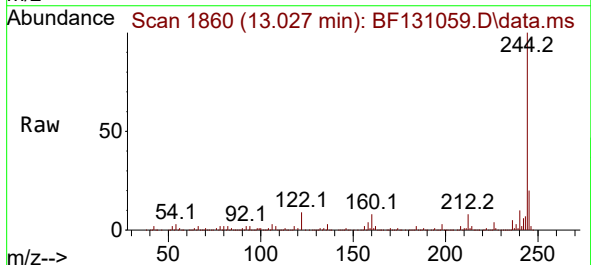
Instrument :
BNA_F
ClientSampleId :
R-28

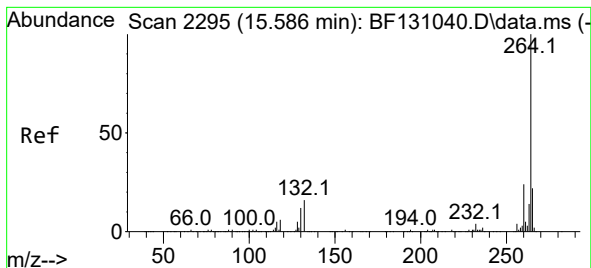
Tgt Ion:240 Resp: 197573
Ion Ratio Lower Upper
240 100
120 9.0 6.7 10.1
236 24.9 20.8 31.2



#79
Terphenyl-d14
Concen: 53.047 ng
RT: 13.027 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BF131059.D
Acq: 08 Nov 2022 10:59

Tgt Ion:244 Resp: 653706
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.6
122 9.4 7.0 10.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131059.D

Acq: 08 Nov 2022 10:59

Instrument :

BNA_F

ClientSampleId :

R-28

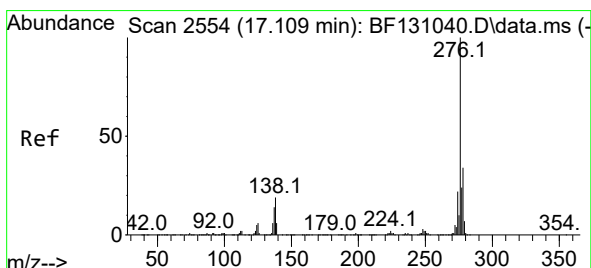
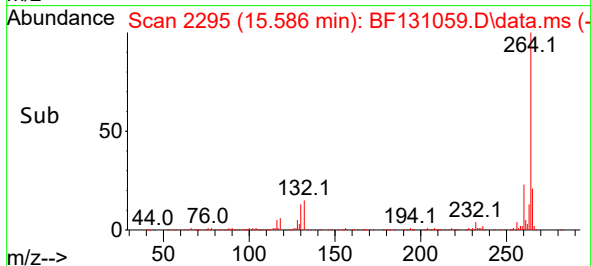
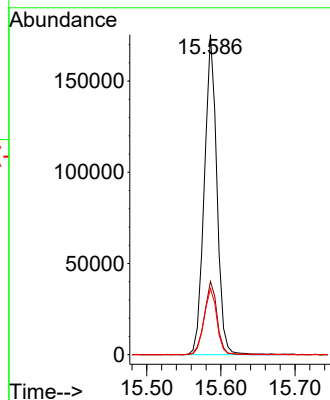
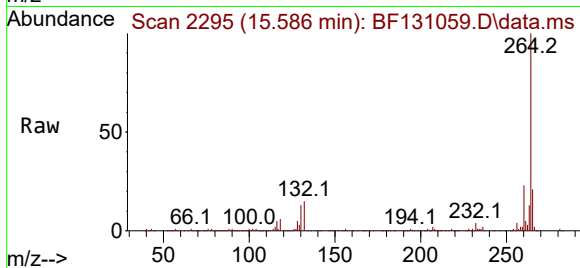
Tgt Ion:264 Resp: 206139

Ion Ratio Lower Upper

264 100

260 22.9 18.8 28.2

265 20.6 17.3 25.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.336 ng

RT: 17.115 min Scan# 2555

Delta R.T. 0.006 min

Lab File: BF131059.D

Acq: 08 Nov 2022 10:59

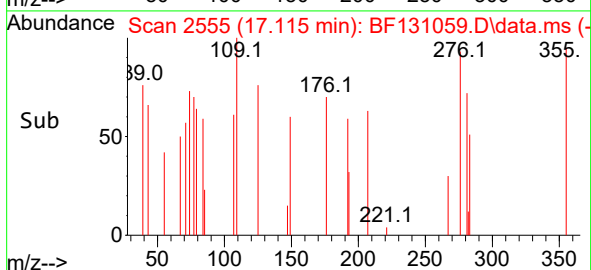
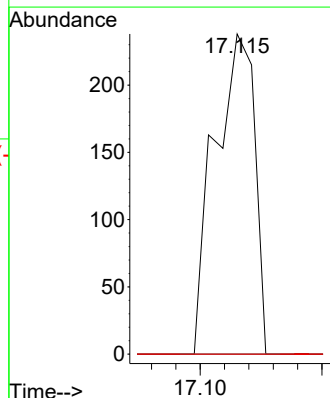
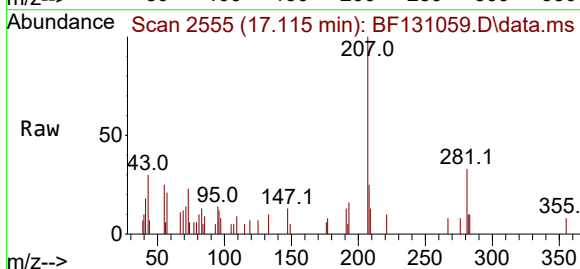
Tgt Ion:276 Resp: 271

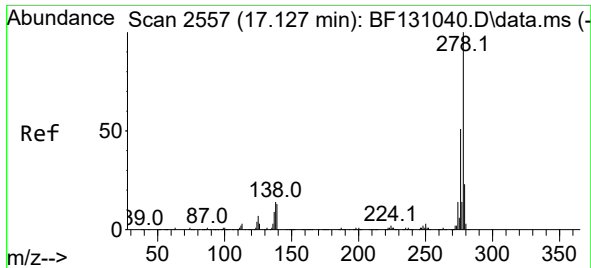
Ion Ratio Lower Upper

276 100

138 0.0 17.3 25.9#

277 0.0 20.2 30.4#

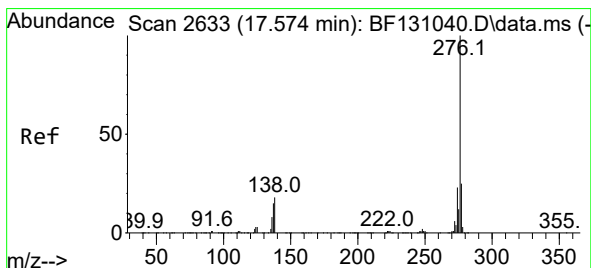
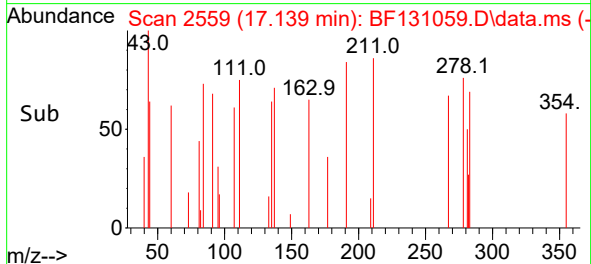
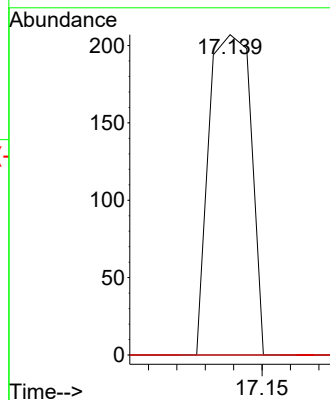
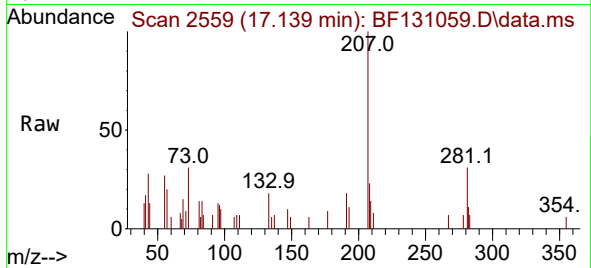




#91
 Dibenzo(a,h)anthracene
 Concen: 3.320 ng
 RT: 17.139 min Scan# 211
 Delta R.T. 0.012 min
 Lab File: BF131059.D
 Acq: 08 Nov 2022 10:59

Instrument :
 BNA_F
 ClientSampleId :
 R-28

Tgt Ion:278 Resp: 211
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.8 16.2#
 279 0.0 18.7 28.1#



#92
 Benzo(g,h,i)perylene
 Concen: 3.411 ng
 RT: 17.574 min Scan# 2633
 Delta R.T. -0.000 min
 Lab File: BF131059.D
 Acq: 08 Nov 2022 10:59

Tgt Ion:276 Resp: 298
 Ion Ratio Lower Upper
 276 100
 277 0.0 20.0 30.0#
 138 0.0 14.8 22.2#

