

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131141.D
 Acq On : 11 Nov 2022 00:45
 Operator : CG\JU
 Sample : N5491-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Nov 11 01:48:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

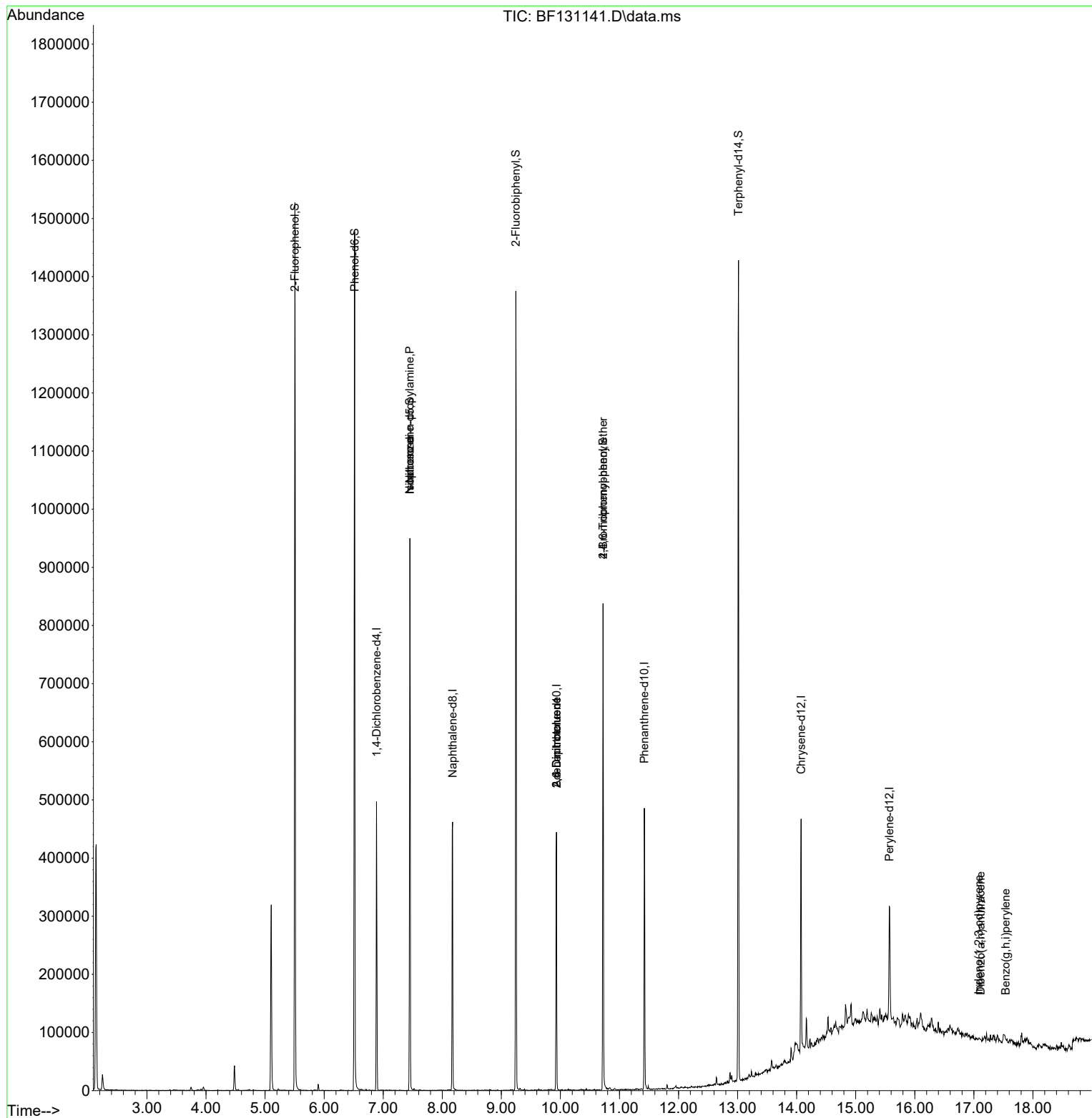
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	60172	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	198922	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	88028	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	166049	20.000	ng	0.00
76) Chrysene-d12	14.074	240	134518	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	84861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	355923	100.593	ng	0.00
7) Phenol-d6	6.516	99	411928	89.050	ng	0.00
23) Nitrobenzene-d5	7.451	82	270932	61.452	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	83967	92.297	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	402340	63.804	ng	-0.01
79) Terphenyl-d14	13.016	244	468244	61.031	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	37689	12.409	ng	# 75
25) Isophorone	7.451	82	270925	39.743	ng	# 68
51) 2,6-Dinitrotoluene	9.934	165	11432	8.307	ng	# 13
57) 2,4-Dinitrotoluene	9.934	165	11432	6.249	ng	# 15
67) 4-Bromophenyl-phenylether	10.722	248	5128	2.731	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.080	276	3014	4.264	ng	# 64
91) Dibenzo(a,h)anthracene	17.115	278	1747	4.125	ng	# 1
92) Benzo(g,h,i)perylene	17.539	276	3691	4.928	ng	# 72

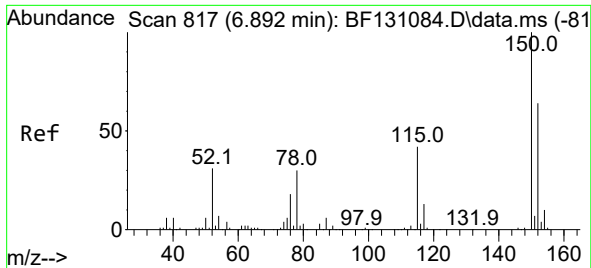
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
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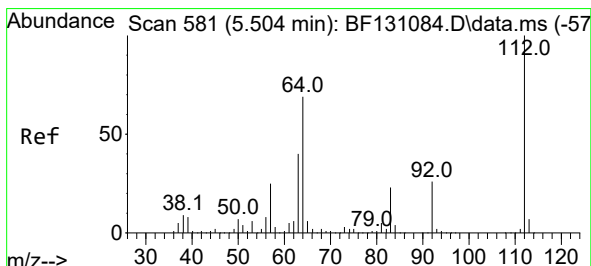
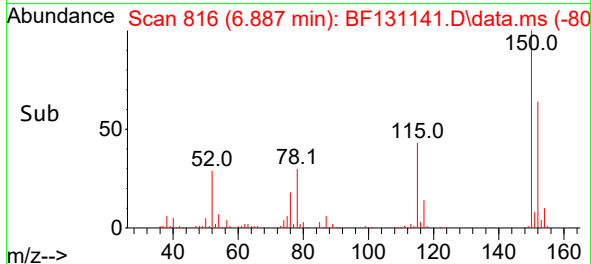
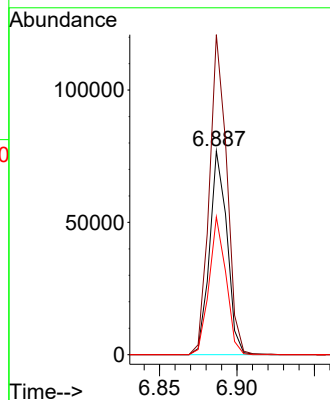
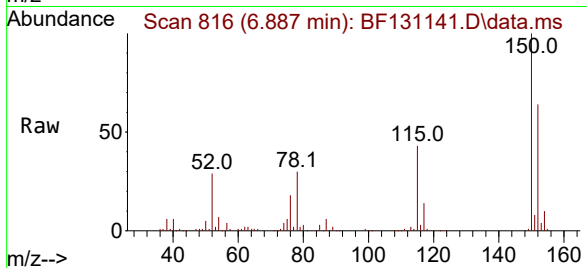




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 817
Delta R.T. -0.005 min
Lab File: BF131141.D
Acq: 11 Nov 2022 00:45

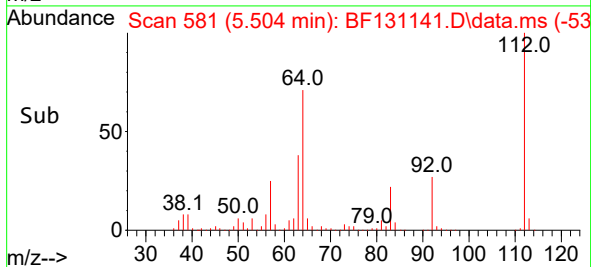
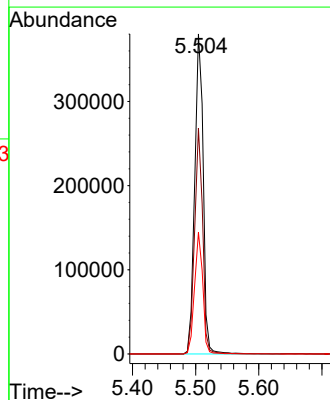
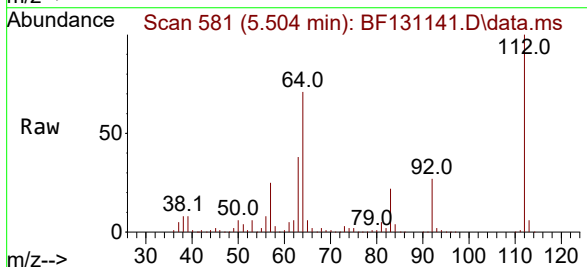
Instrument :
BNA_F
ClientSampleId :
TP-2

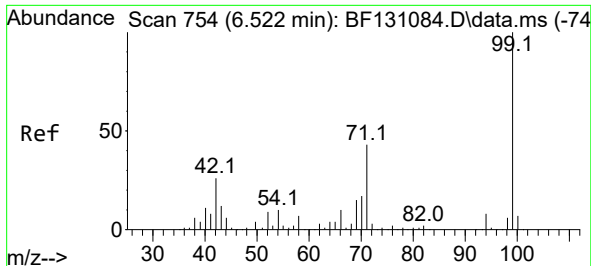
Tgt Ion:152 Resp: 60172
Ion Ratio Lower Upper
152 100
150 157.2 125.5 188.3
115 67.7 52.2 78.2



#5
2-Fluorophenol
Concen: 100.593 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF131141.D
Acq: 11 Nov 2022 00:45

Tgt Ion:112 Resp: 355923
Ion Ratio Lower Upper
112 100
64 70.6 55.1 82.7
63 38.0 32.4 48.6

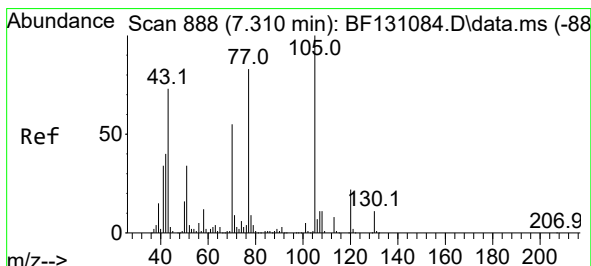
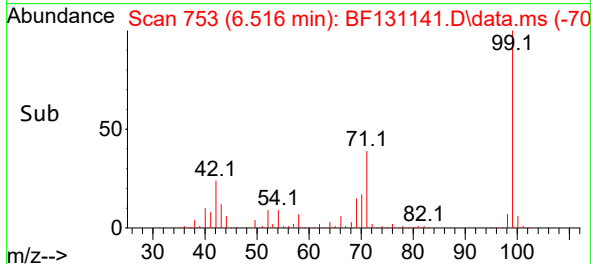
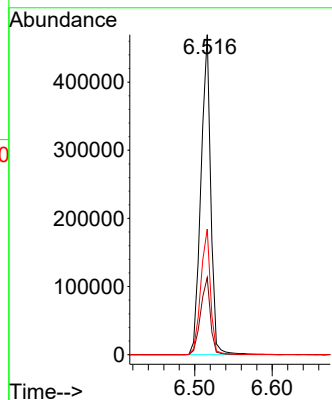
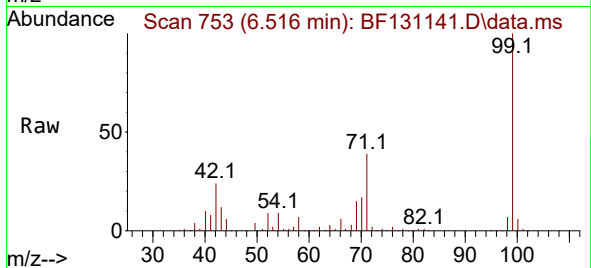




#7
Phenol-d6
Concen: 89.050 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131141.D
Acq: 11 Nov 2022 00:45

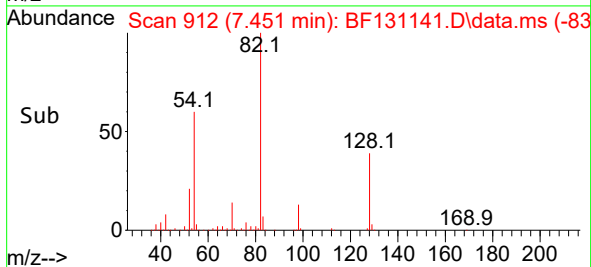
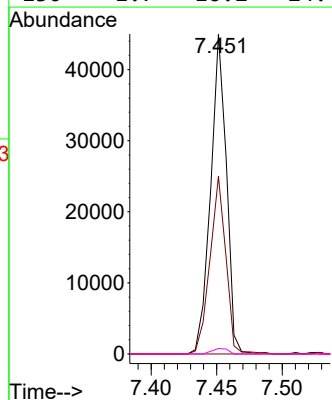
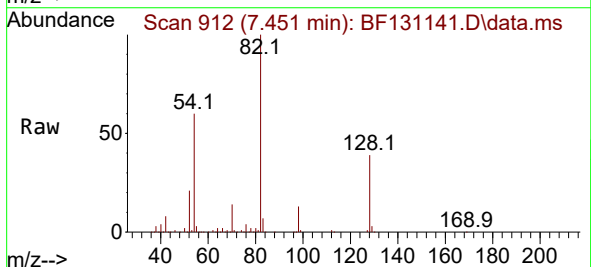
Instrument :
BNA_F
ClientSampleId :
TP-2

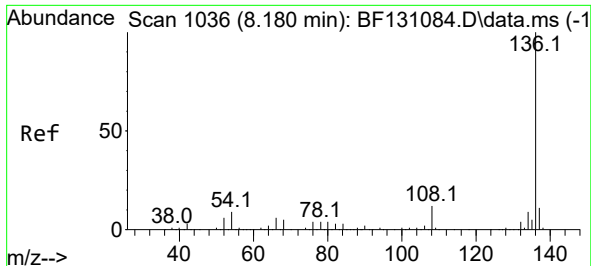
Tgt Ion: 99 Resp: 411928
Ion Ratio Lower Upper
99 100
42 24.1 20.8 31.2
71 39.3 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.409 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF131141.D
Acq: 11 Nov 2022 00:45

Tgt Ion: 70 Resp: 37689
Ion Ratio Lower Upper
70 100
42 55.6 58.3 87.5#
101 0.0 7.4 11.2#
130 1.7 16.2 24.4#

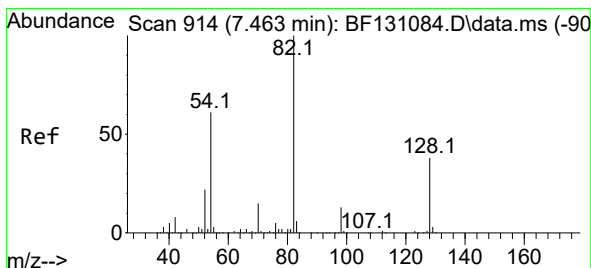
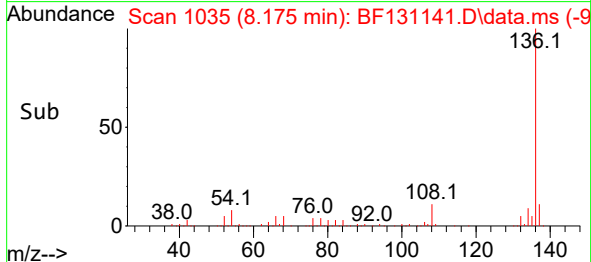
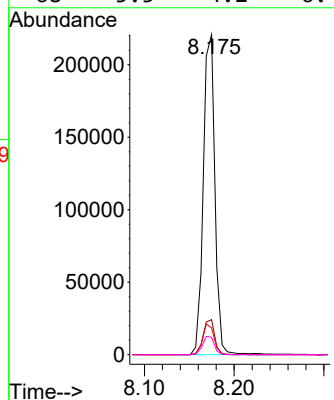
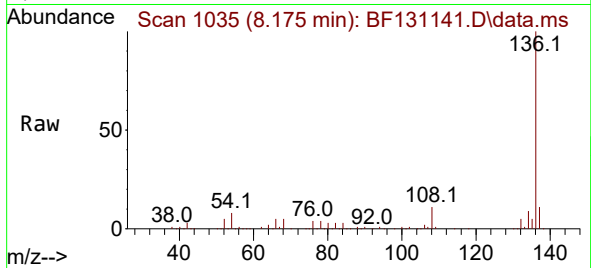




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BF131141.D
Acq: 11 Nov 2022 00:45

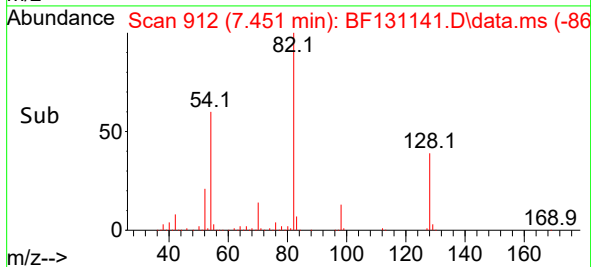
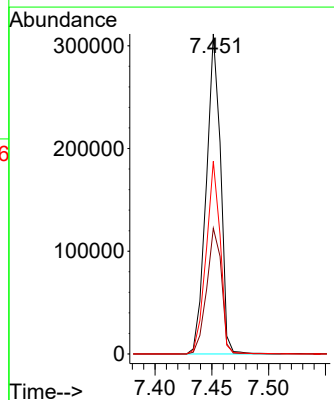
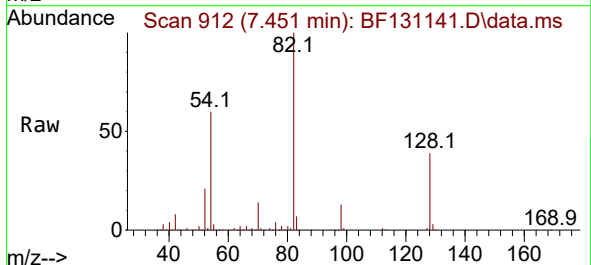
Instrument :
BNA_F
ClientSampleId :
TP-2

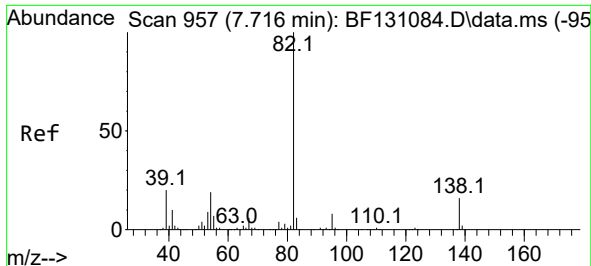
Tgt Ion:136 Resp: 198922
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.4 7.2 10.8
68 5.5 4.2 6.4



#23
Nitrobenzene-d5
Concen: 61.452 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF131141.D
Acq: 11 Nov 2022 00:45

Tgt Ion: 82 Resp: 270932
Ion Ratio Lower Upper
82 100
128 39.3 30.5 45.7
54 60.2 49.1 73.7

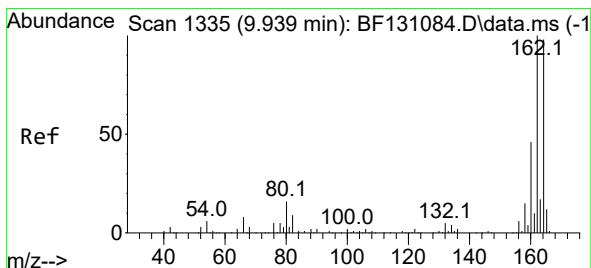
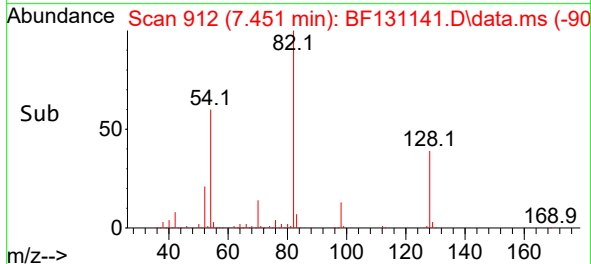
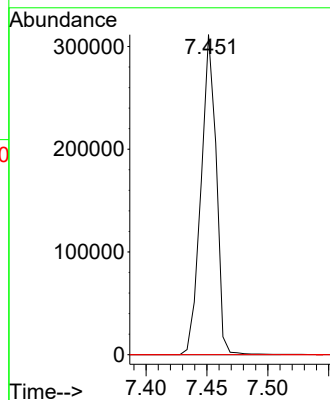
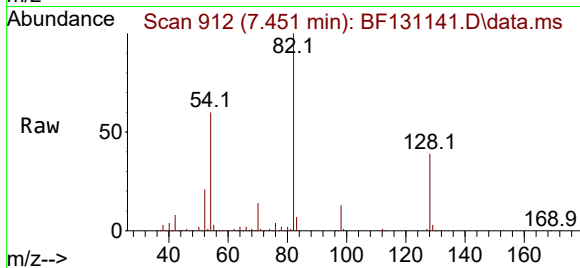




#25
Isophorone
Concen: 39.743 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF131141.D
Acq: 11 Nov 2022 00:45

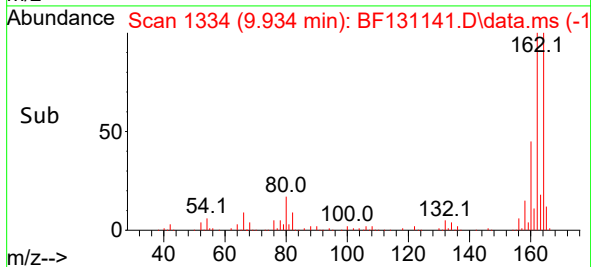
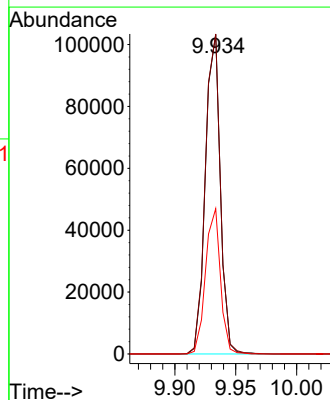
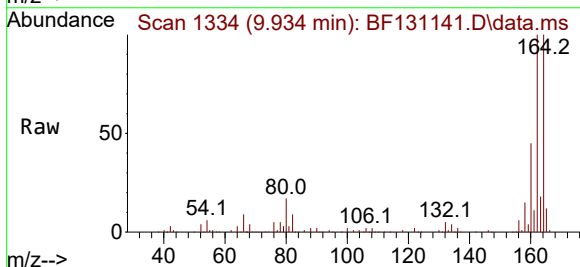
Instrument :
BNA_F
ClientSampleId :
TP-2

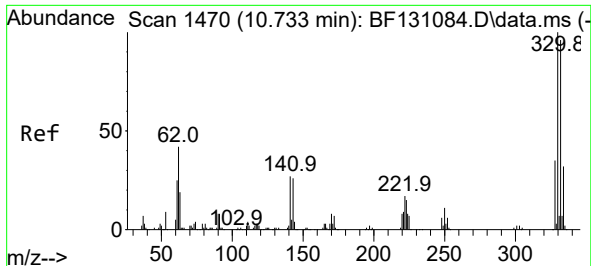
Tgt Ion: 82 Resp: 270925
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BF131141.D
Acq: 11 Nov 2022 00:45

Tgt Ion:164 Resp: 88028
Ion Ratio Lower Upper
164 100
162 100.2 81.7 122.5
160 45.5 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 92.297 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.012 min

Lab File: BF131141.D

Acq: 11 Nov 2022 00:45

Instrument :

BNA_F

ClientSampleId :

TP-2

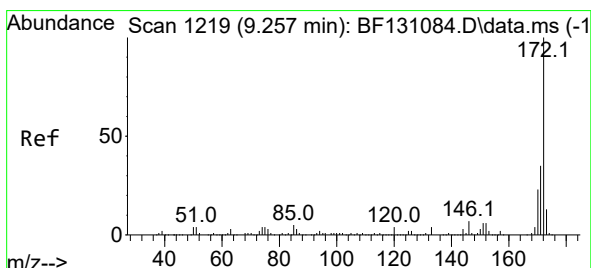
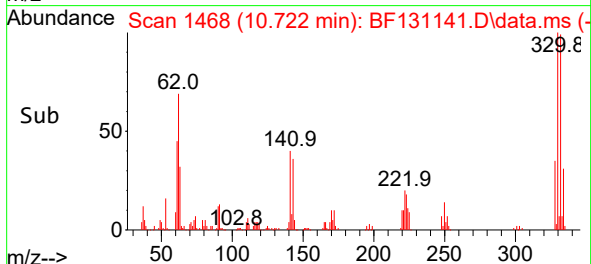
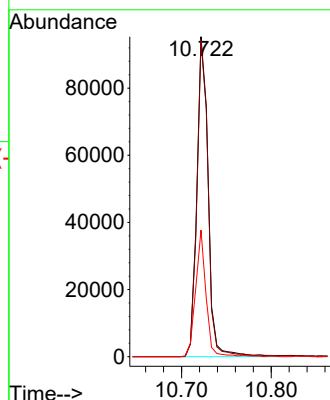
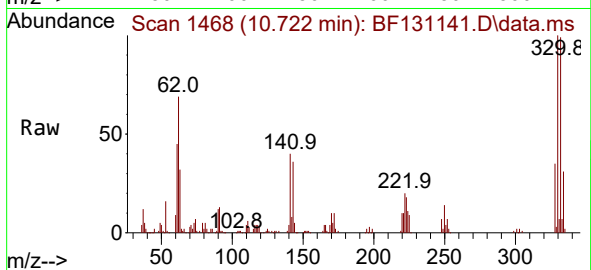
Tgt Ion:330 Resp: 83967

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.4

141 36.3 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 63.804 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BF131141.D

Acq: 11 Nov 2022 00:45

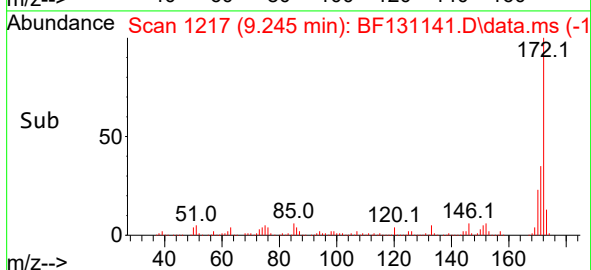
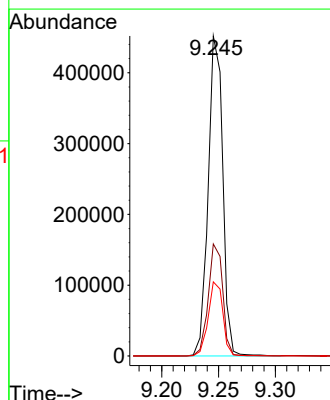
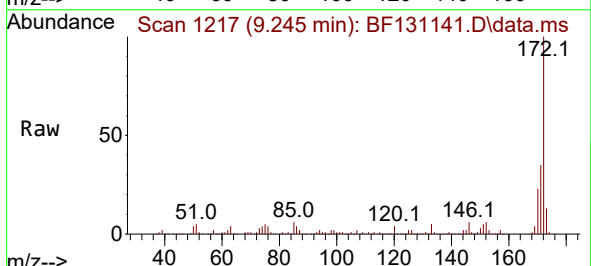
Tgt Ion:172 Resp: 402340

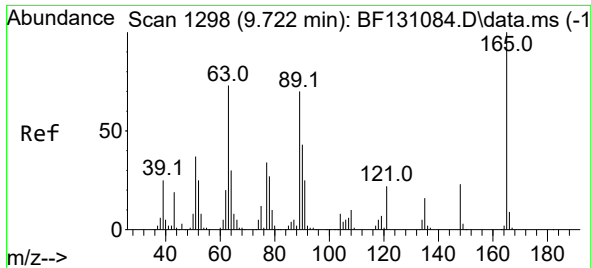
Ion Ratio Lower Upper

172 100

171 35.0 27.7 41.5

170 23.1 18.8 28.2

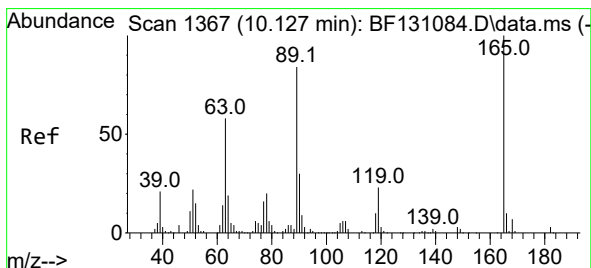
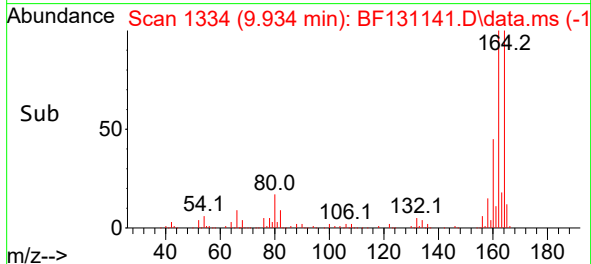
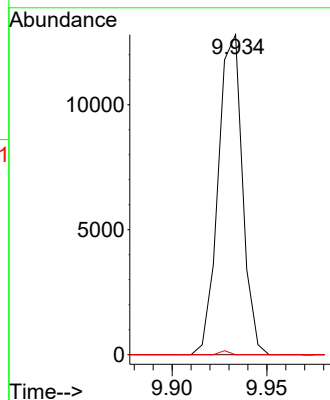
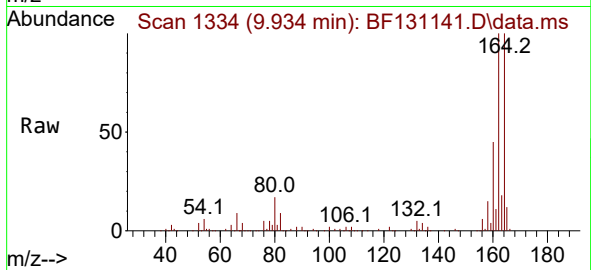




#51
2,6-Dinitrotoluene
Concen: 8.307 ng
RT: 9.934 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131141.D
Acq: 11 Nov 2022 00:45

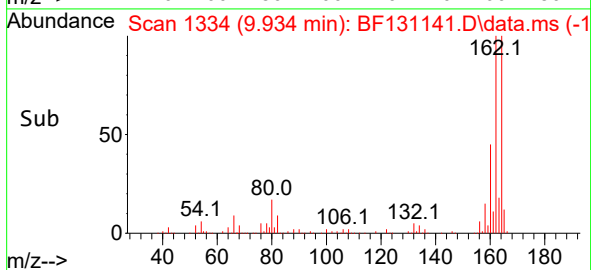
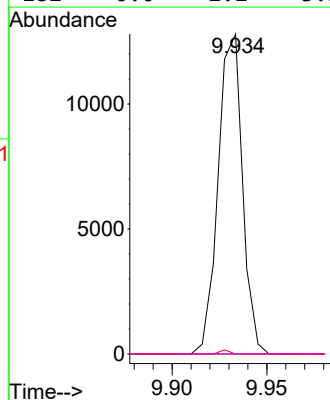
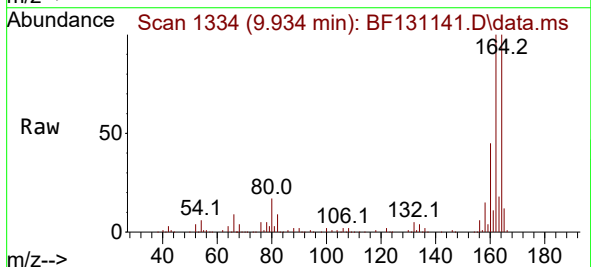
Instrument :
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ClientSampleId :
TP-2

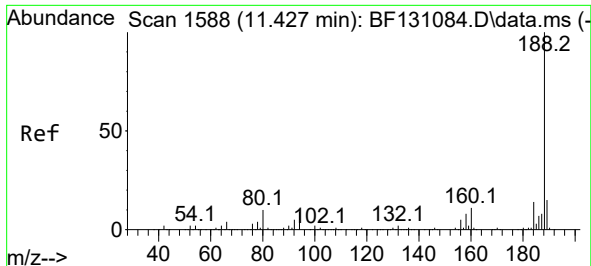
Tgt Ion:165 Resp: 11432
Ion Ratio Lower Upper
165 100
63 0.0 61.4 92.2#
89 0.0 56.0 84.0#



#57
2,4-Dinitrotoluene
Concen: 6.249 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131141.D
Acq: 11 Nov 2022 00:45

Tgt Ion:165 Resp: 11432
Ion Ratio Lower Upper
165 100
63 0.0 46.9 70.3#
89 0.0 66.9 100.3#
182 0.0 2.2 3.2#

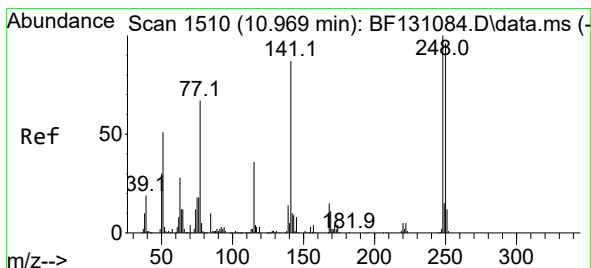
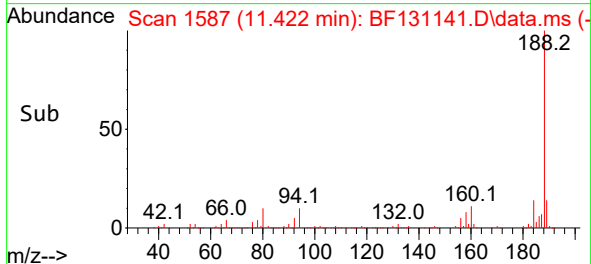
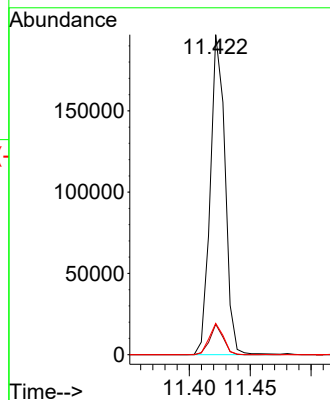
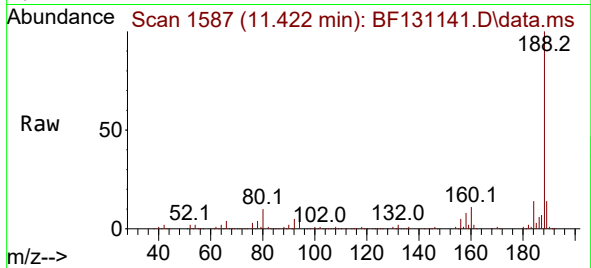




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF131141.D
Acq: 11 Nov 2022 00:45

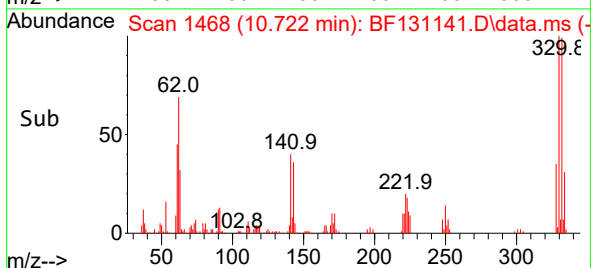
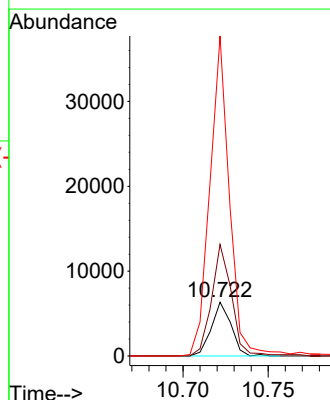
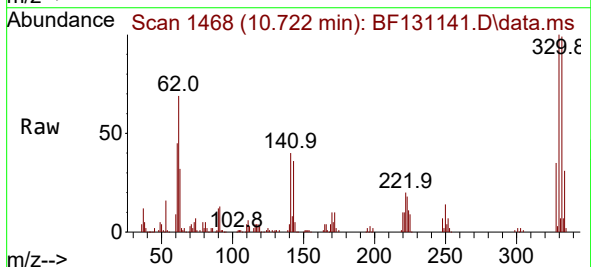
Instrument :
BNA_F
ClientSampleId :
TP-2

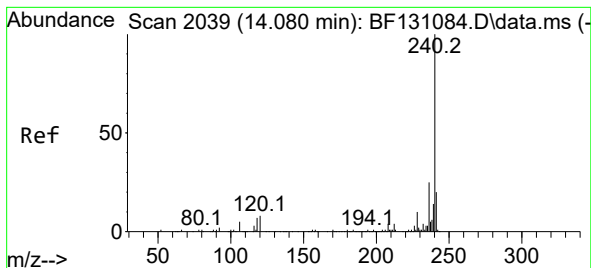
Tgt Ion:188 Resp: 166049
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 9.8 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.731 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF131141.D
Acq: 11 Nov 2022 00:45

Tgt Ion:248 Resp: 5128
Ion Ratio Lower Upper
248 100
250 207.2 77.0 115.6#
141 594.5 69.7 104.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF131141.D

Acq: 11 Nov 2022 00:45

Instrument :

BNA_F

ClientSampleId :

TP-2

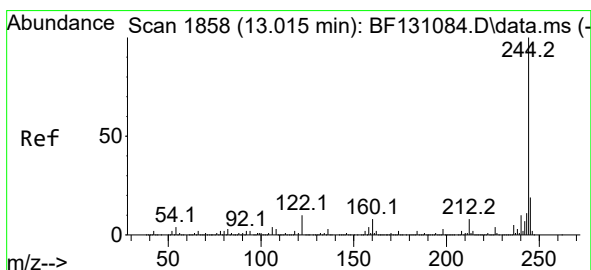
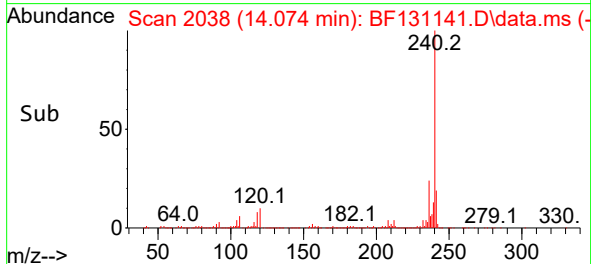
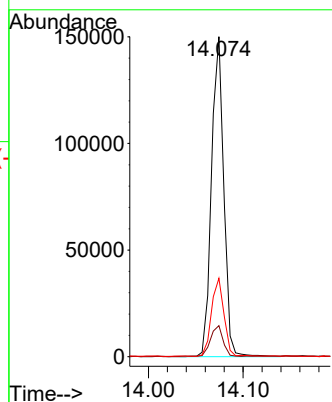
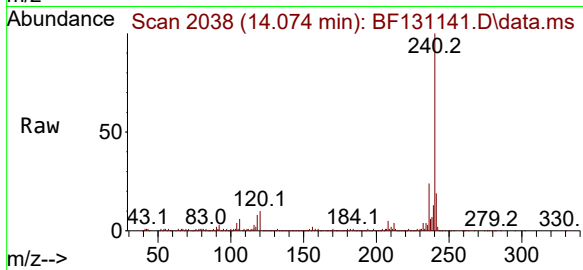
Tgt Ion:240 Resp: 134518

Ion Ratio Lower Upper

240 100

120 9.7 6.5 9.7#

236 24.5 19.7 29.5



#79

Terphenyl-d14

Concen: 61.031 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.001 min

Lab File: BF131141.D

Acq: 11 Nov 2022 00:45

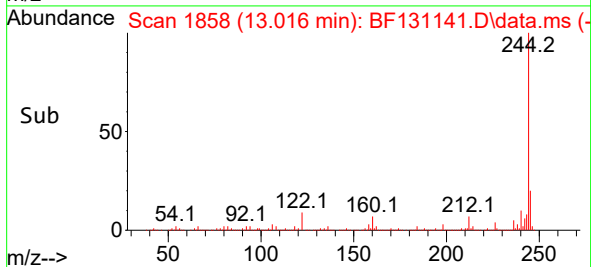
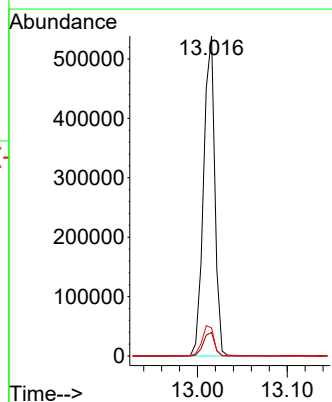
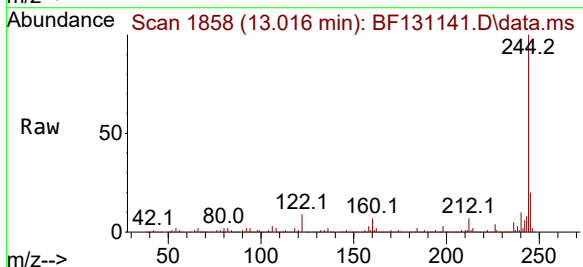
Tgt Ion:244 Resp: 468244

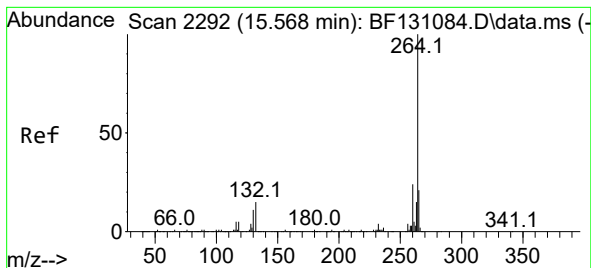
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

122 8.7 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131141.D

Acq: 11 Nov 2022 00:45

Instrument :

BNA_F

ClientSampleId :

TP-2

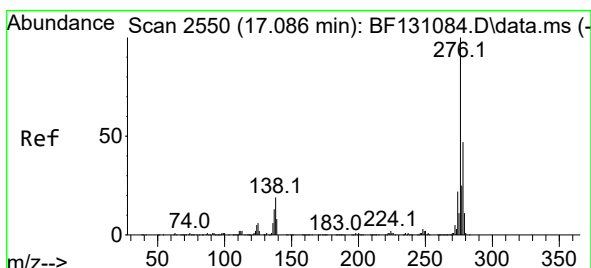
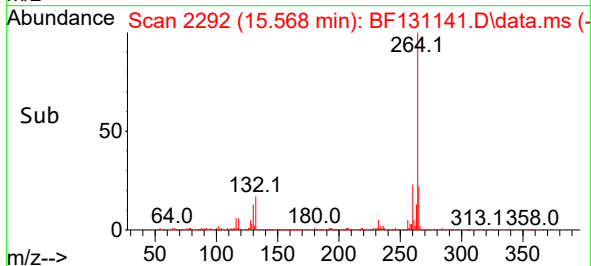
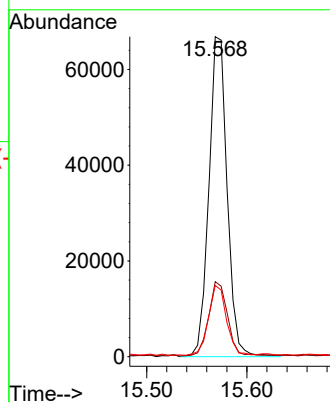
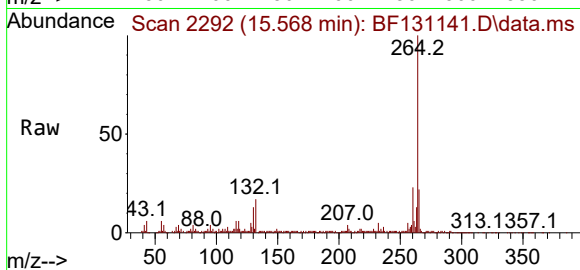
Tgt Ion:264 Resp: 84861

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 22.3 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.264 ng

RT: 17.080 min Scan# 2549

Delta R.T. -0.006 min

Lab File: BF131141.D

Acq: 11 Nov 2022 00:45

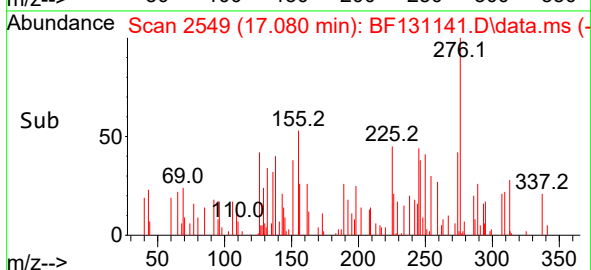
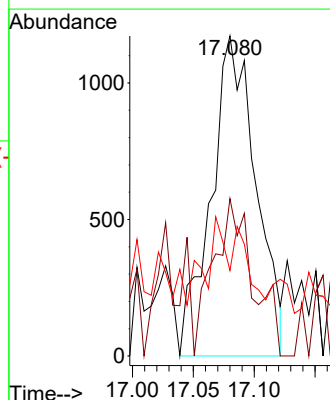
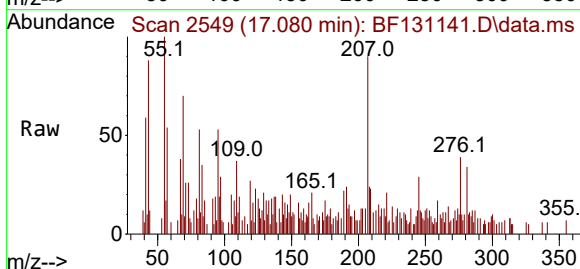
Tgt Ion:276 Resp: 3014

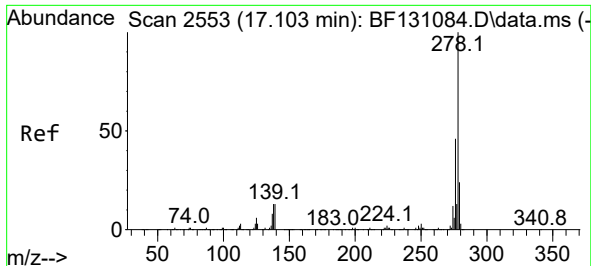
Ion Ratio Lower Upper

276 100

138 43.6 16.9 25.3#

277 12.2 20.3 30.5#

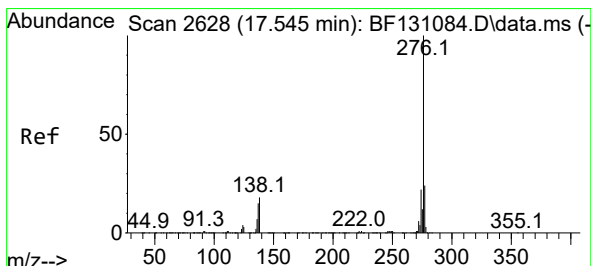
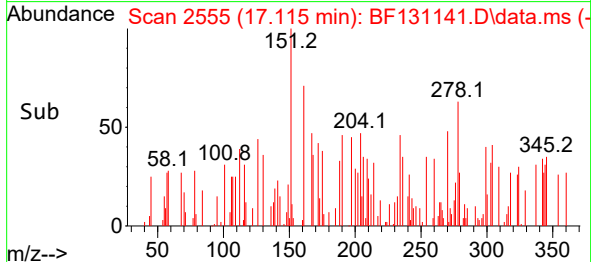
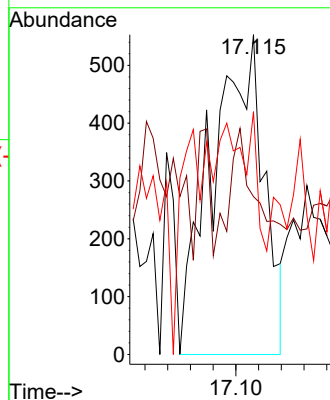
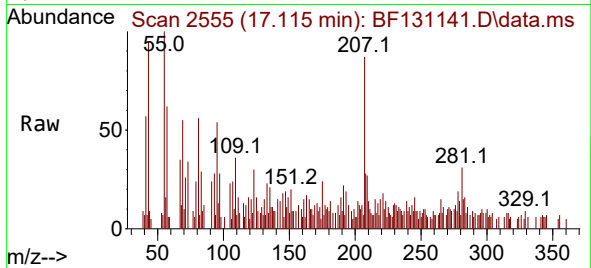




#91
Dibenzo(a,h)anthracene
Concen: 4.125 ng
RT: 17.115 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF131141.D
Acq: 11 Nov 2022 00:45

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:278 Resp: 1747
Ion Ratio Lower Upper
278 100
139 49.4 10.8 16.2#
279 75.9 19.2 28.8#



#92
Benzo(g,h,i)perylene
Concen: 4.928 ng
RT: 17.539 min Scan# 2627
Delta R.T. -0.006 min
Lab File: BF131141.D
Acq: 11 Nov 2022 00:45

Tgt Ion:276 Resp: 3691
Ion Ratio Lower Upper
276 100
277 38.0 19.0 28.4#
138 29.8 14.6 21.8#

