

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131118.D
 Acq On : 10 Nov 2022 12:22
 Operator : CG\JU
 Sample : N5495-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14

Quant Time: Nov 11 00:46:29 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)

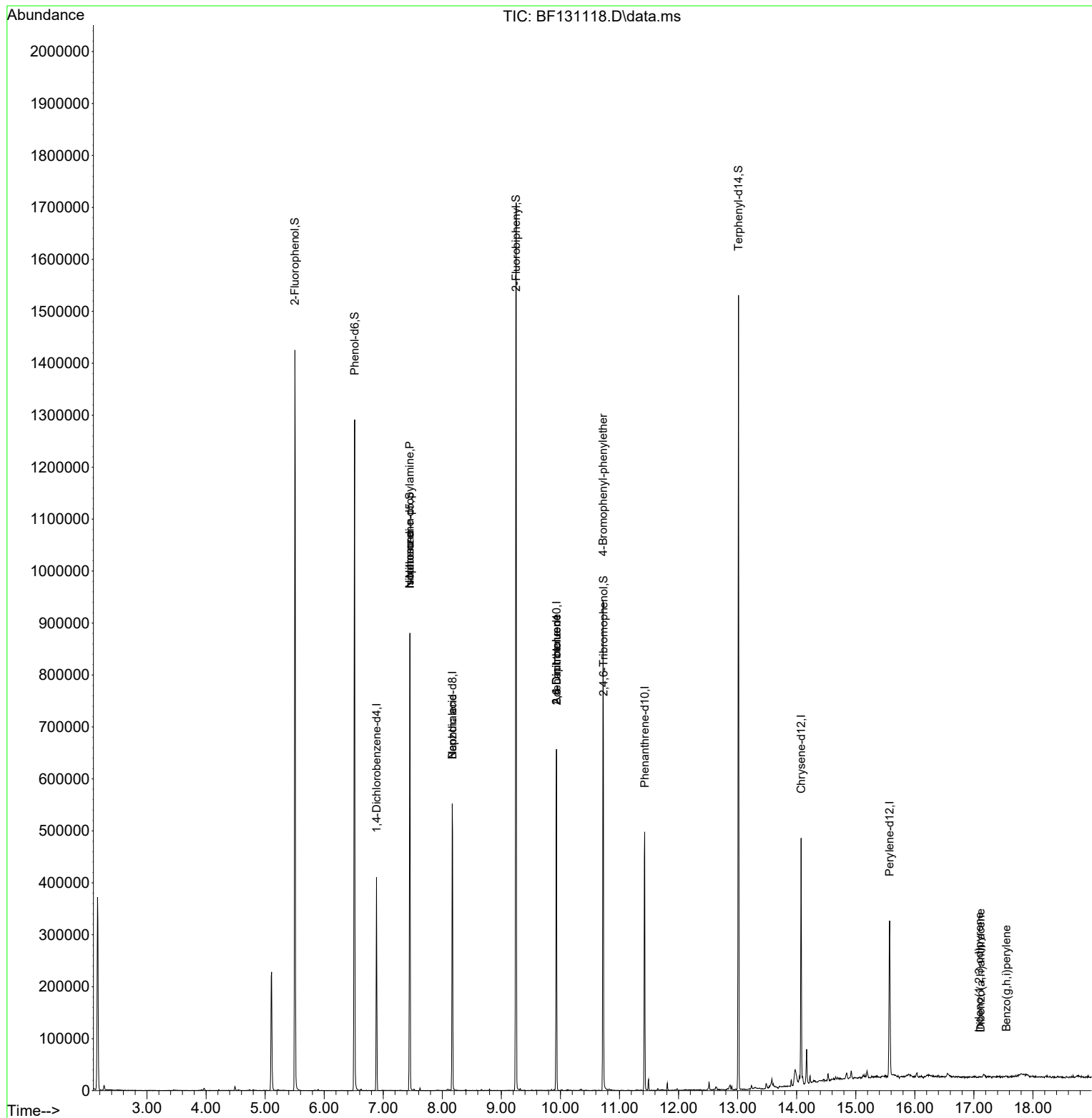
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	48936	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	238723	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	124062	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	176080	20.000	ng	0.00
76) Chrysene-d12	14.074	240	145902	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	136626	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	342291	118.952	ng	0.00
7) Phenol-d6	6.516	99	358272	95.234	ng	0.00
23) Nitrobenzene-d5	7.451	82	246783	46.642	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	91422	71.304	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	536528	60.371	ng	0.00
79) Terphenyl-d14	13.016	244	453794	54.533	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	34239	13.862	ng	# 80
25) Isophorone	7.451	82	246782	30.165	ng	# 68
32) Benzoic acid	8.169	122	59	5.738	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	15861	8.178	ng	# 14
57) 2,4-Dinitrotoluene	9.933	165	15861	6.152	ng	# 16
67) 4-Bromophenyl-phenylether	10.722	248	5955	2.991	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.092	276	370	3.895	ng	# 87
91) Dibenzo(a,h)anthracene	17.115	278	55	3.845	ng	# 57
92) Benzo(g,h,i)perylene	17.551	276	555	4.418	ng	# 42

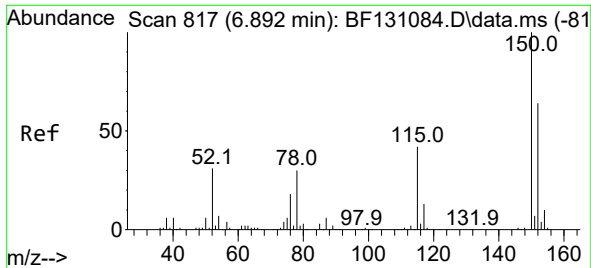
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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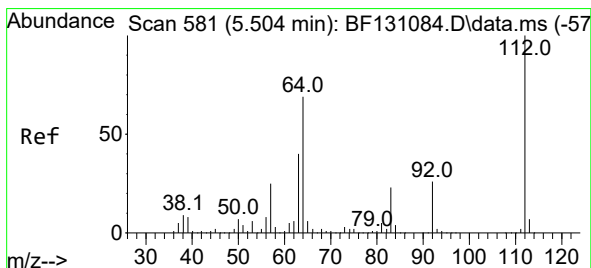
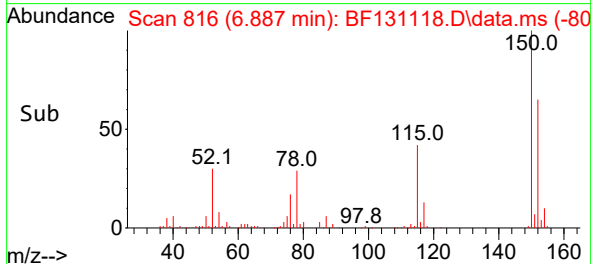
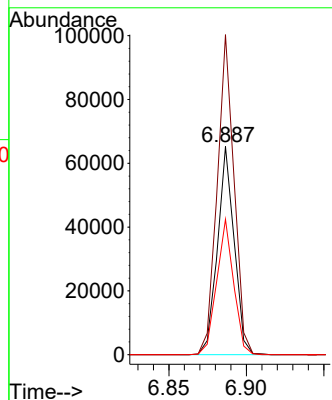
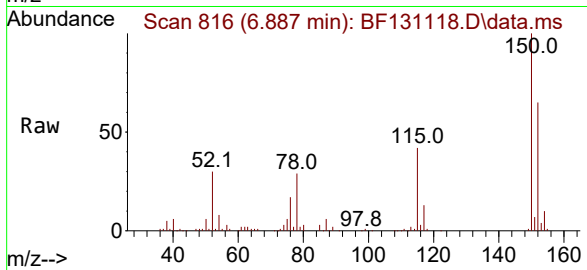




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 817
 Delta R.T. -0.005 min
 Lab File: BF131118.D
 Acq: 10 Nov 2022 12:22

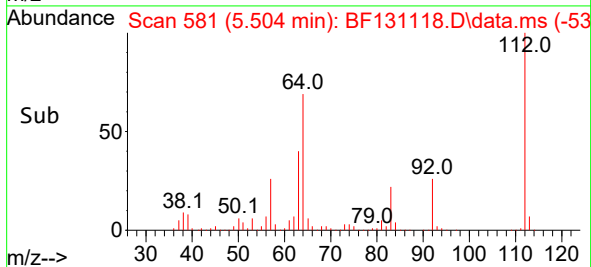
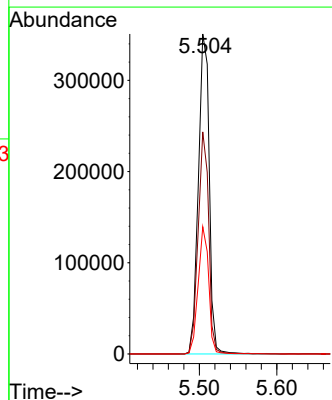
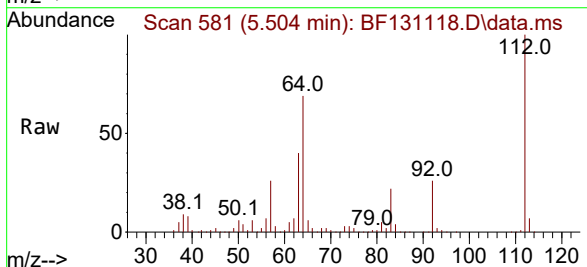
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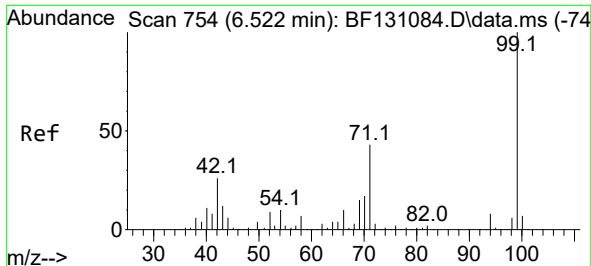
Tgt Ion:152 Resp: 48936
 Ion Ratio Lower Upper
 152 100
 150 153.7 125.5 188.3
 115 65.0 52.2 78.2



#5
 2-Fluorophenol
 Concen: 118.952 ng
 RT: 5.504 min Scan# 581
 Delta R.T. 0.000 min
 Lab File: BF131118.D
 Acq: 10 Nov 2022 12:22

Tgt Ion:112 Resp: 342291
 Ion Ratio Lower Upper
 112 100
 64 69.4 55.1 82.7
 63 39.8 32.4 48.6

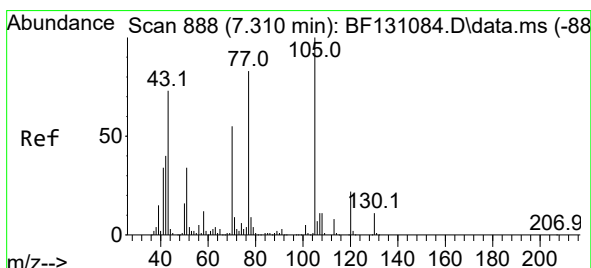
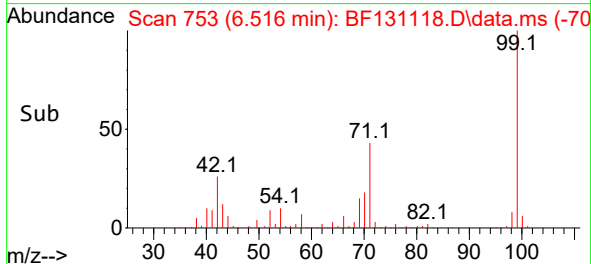
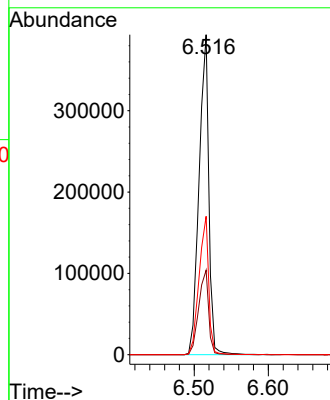
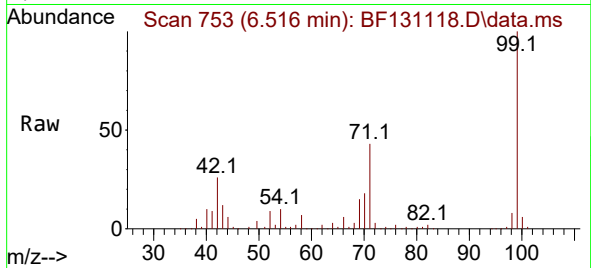




#7
Phenol-d6
Concen: 95.234 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131118.D
Acq: 10 Nov 2022 12:22

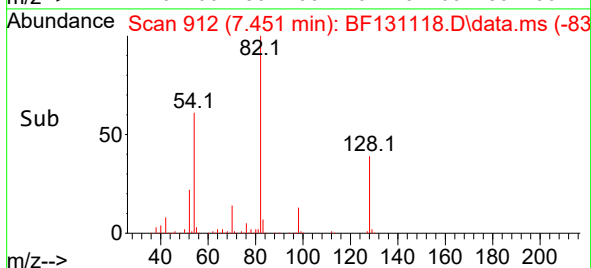
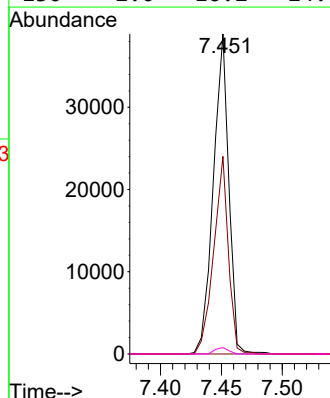
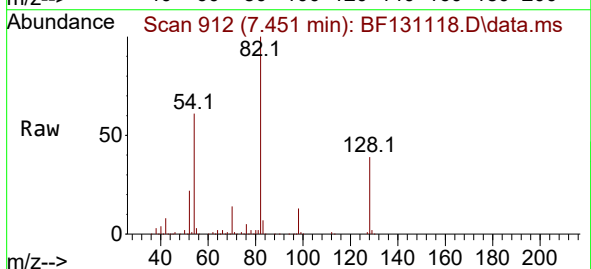
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ClientSampleId :
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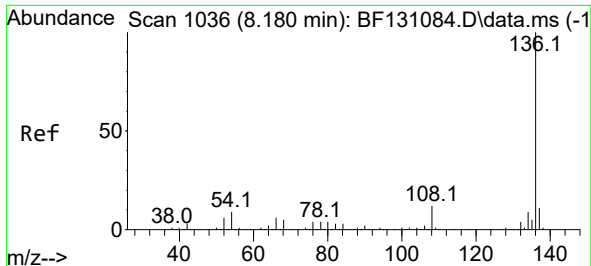
Tgt Ion: 99 Resp: 358272
Ion Ratio Lower Upper
99 100
42 26.4 20.8 31.2
71 43.2 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.862 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF131118.D
Acq: 10 Nov 2022 12:22

Tgt Ion: 70 Resp: 34239
Ion Ratio Lower Upper
70 100
42 61.7 58.3 87.5
101 0.0 7.4 11.2#
130 2.0 16.2 24.4#

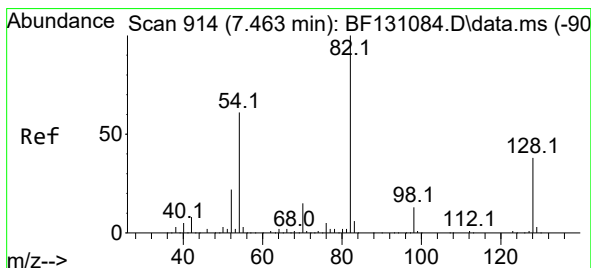
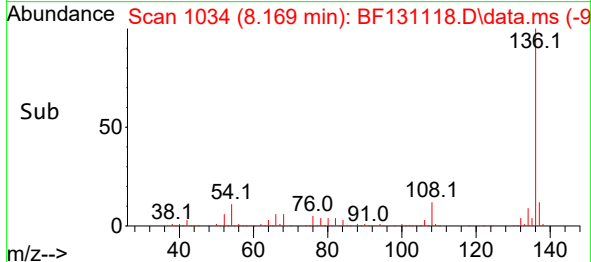
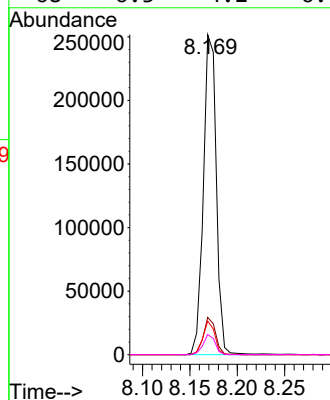
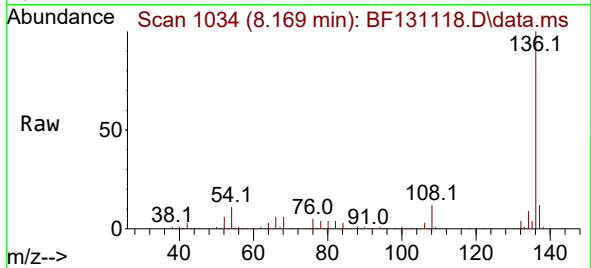




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF131118.D
Acq: 10 Nov 2022 12:22

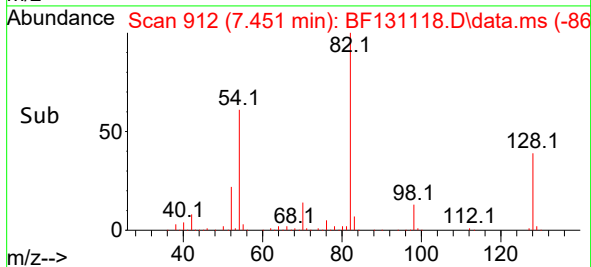
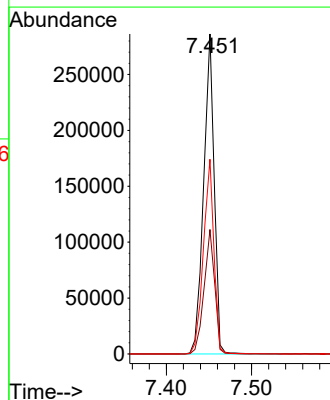
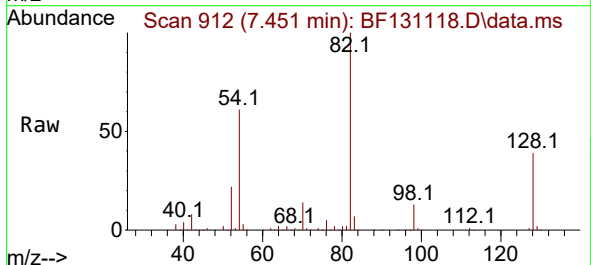
Instrument :
BNA_F
ClientSampleId :
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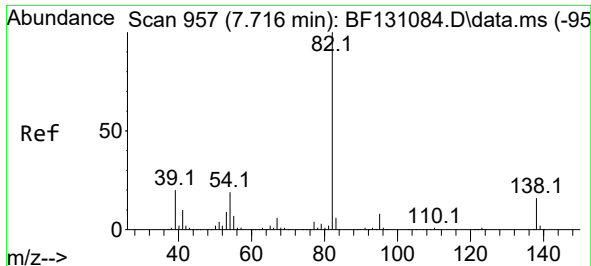
Tgt Ion:136 Resp: 238723
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 10.5 7.2 10.8
68 6.3 4.2 6.4



#23
Nitrobenzene-d5
Concen: 46.642 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF131118.D
Acq: 10 Nov 2022 12:22

Tgt Ion: 82 Resp: 246783
Ion Ratio Lower Upper
82 100
128 38.9 30.5 45.7
54 60.8 49.1 73.7

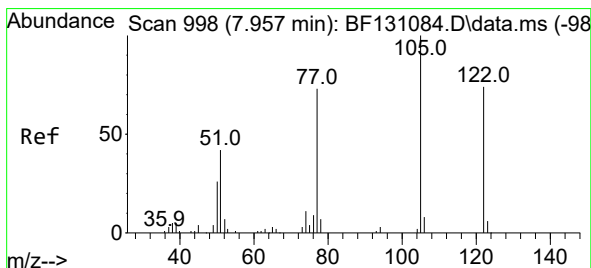
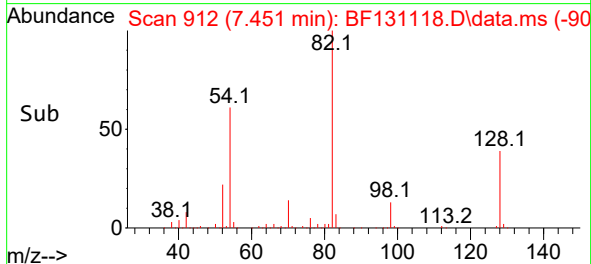
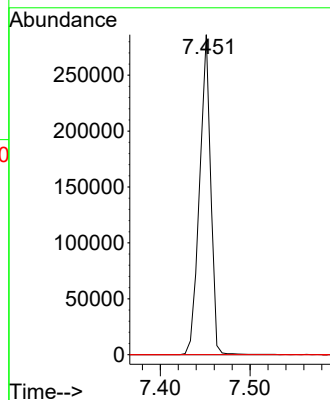
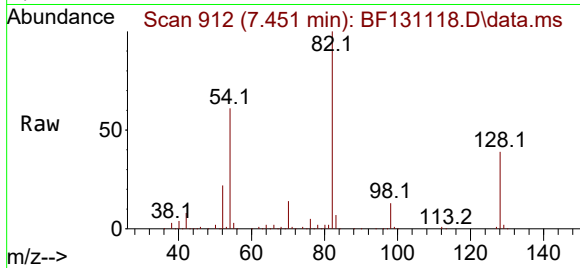




#25
Isophorone
Concen: 30.165 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131118.D
Acq: 10 Nov 2022 12:22

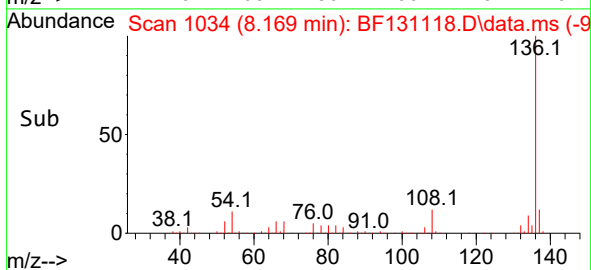
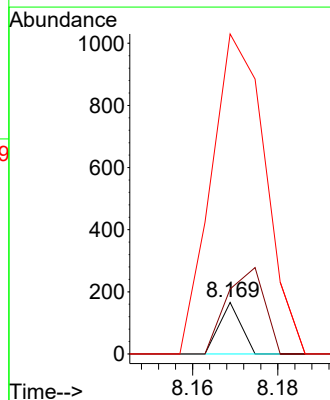
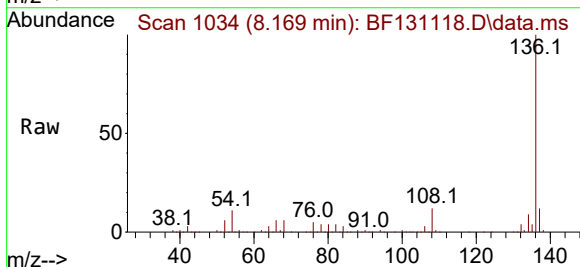
Instrument :
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ClientSampleId :
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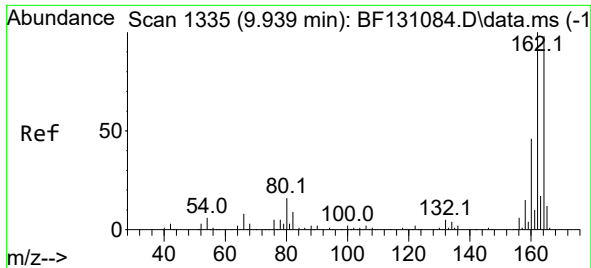
Tgt Ion: 82 Resp: 246782
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#32
Benzoic acid
Concen: 5.738 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.212 min
Lab File: BF131118.D
Acq: 10 Nov 2022 12:22

Tgt Ion: 122 Resp: 59
Ion Ratio Lower Upper
122 100
105 125.9 113.0 153.0
77 620.5 78.7 118.7#

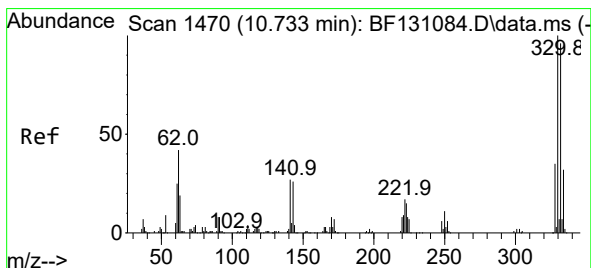
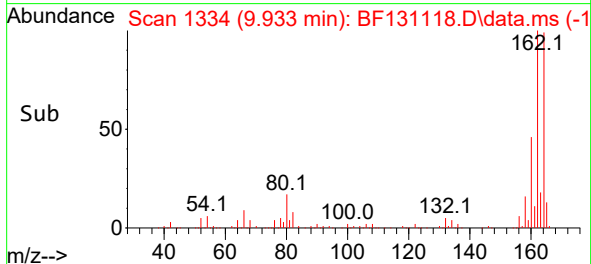
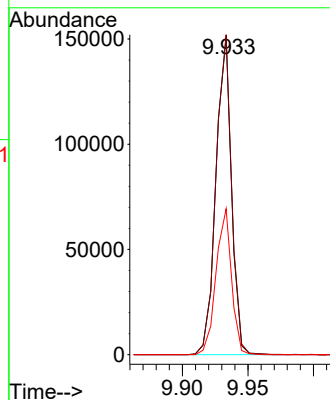
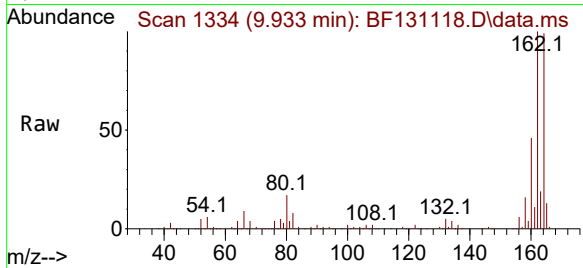




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.933 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF131118.D
 Acq: 10 Nov 2022 12:22

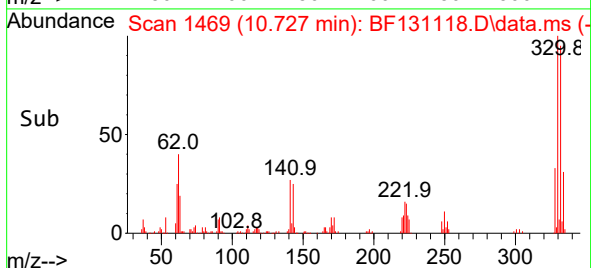
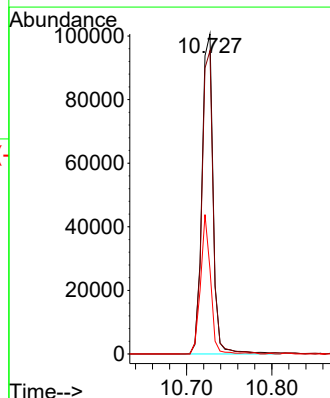
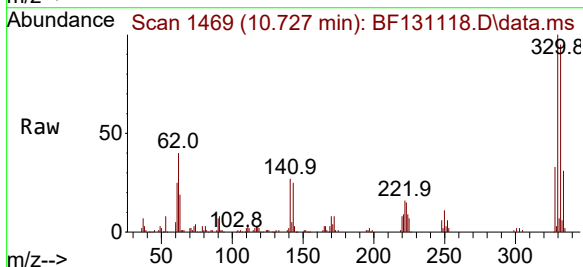
Instrument :
 BNA_F
 ClientSampleId :
 SB-14

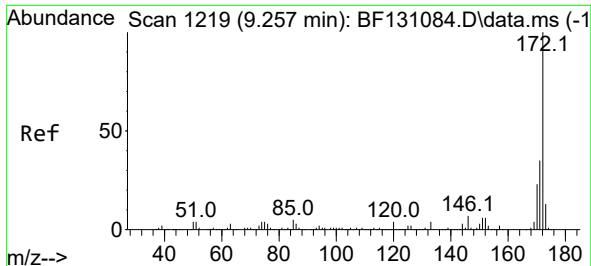
Tgt Ion:164 Resp: 124062
 Ion Ratio Lower Upper
 164 100
 162 100.7 81.7 122.5
 160 45.9 37.4 56.2



#42
 2,4,6-Tribromophenol
 Concen: 71.304 ng
 RT: 10.727 min Scan# 1469
 Delta R.T. -0.006 min
 Lab File: BF131118.D
 Acq: 10 Nov 2022 12:22

Tgt Ion:330 Resp: 91422
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.4
 141 38.7 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 60.371 ng

RT: 9.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131118.D

Acq: 10 Nov 2022 12:22

Instrument :

BNA_F

ClientSampleId :

SB-14

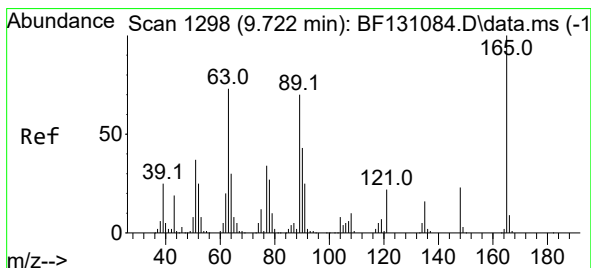
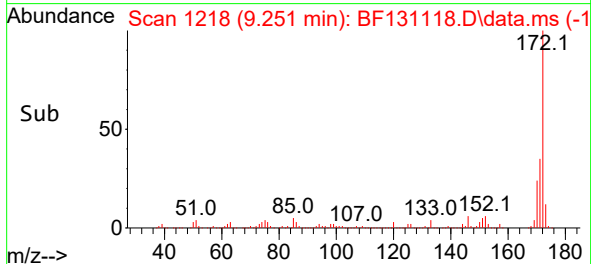
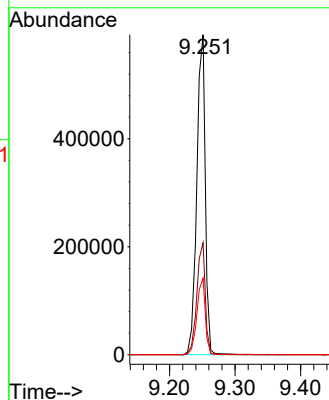
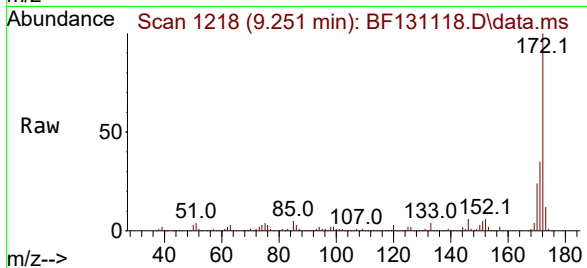
Tgt Ion:172 Resp: 536528

Ion Ratio Lower Upper

172 100

171 35.0 27.7 41.5

170 23.9 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 8.178 ng

RT: 9.933 min Scan# 1334

Delta R.T. 0.212 min

Lab File: BF131118.D

Acq: 10 Nov 2022 12:22

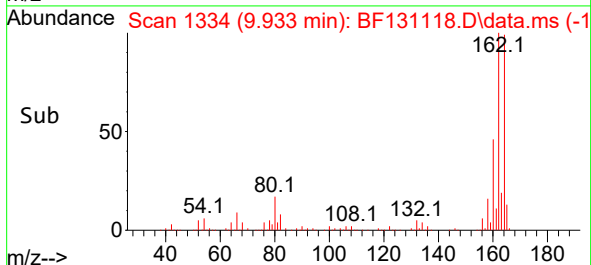
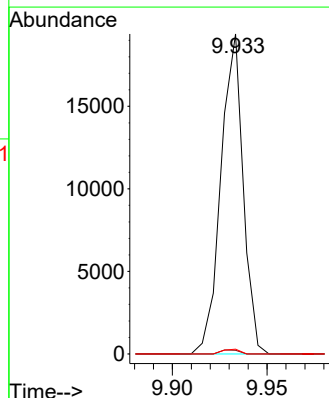
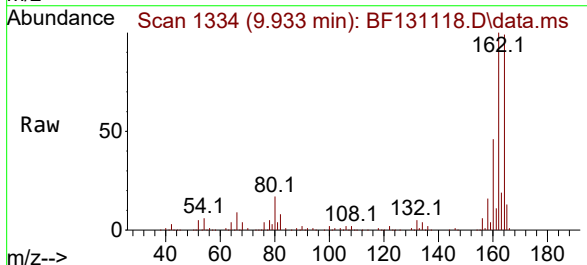
Tgt Ion:165 Resp: 15861

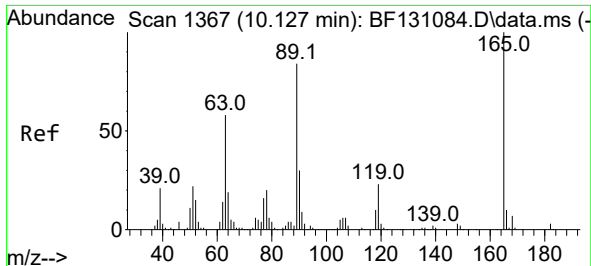
Ion Ratio Lower Upper

165 100

63 1.2 61.4 92.2#

89 1.5 56.0 84.0#

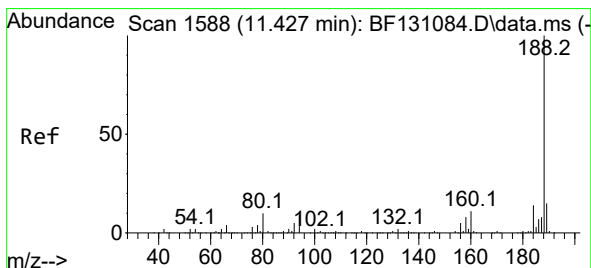
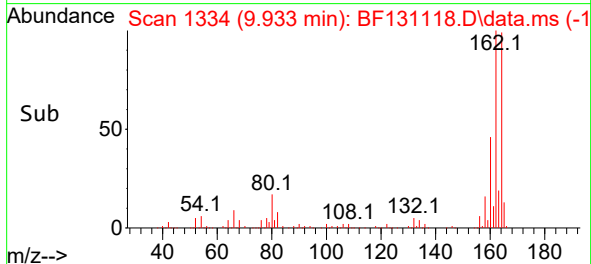
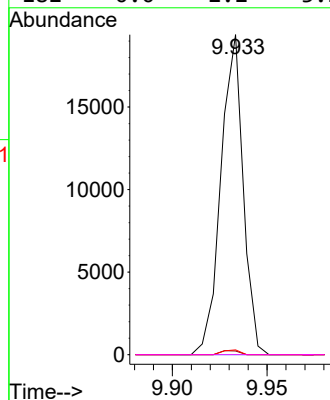
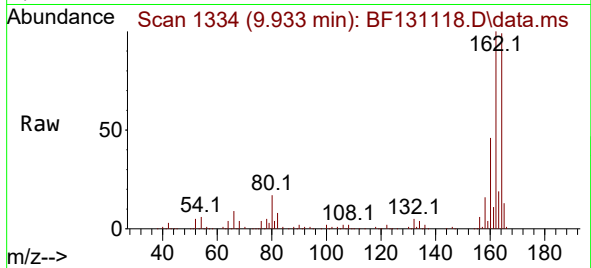




#57
2,4-Dinitrotoluene
Concen: 6.152 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131118.D
Acq: 10 Nov 2022 12:22

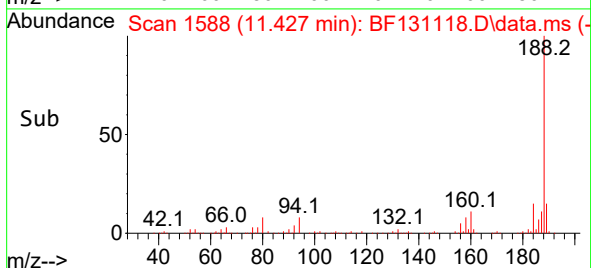
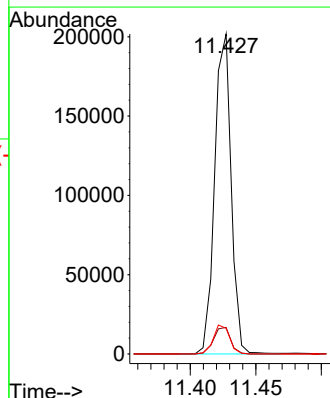
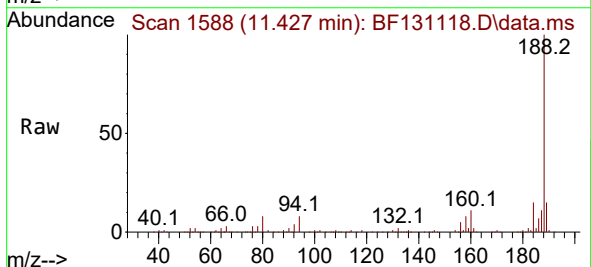
Instrument :
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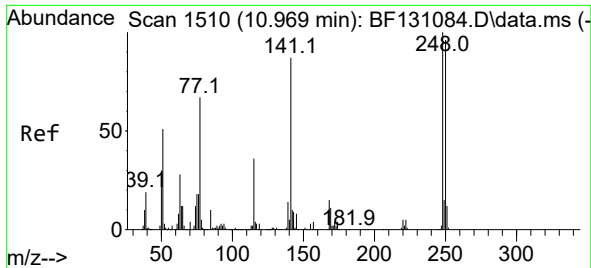
Tgt Ion:165 Resp: 15861
Ion Ratio Lower Upper
165 100
63 1.2 46.9 70.3#
89 1.5 66.9 100.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF131118.D
Acq: 10 Nov 2022 12:22

Tgt Ion:188 Resp: 176080
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 8.0 7.9 11.9

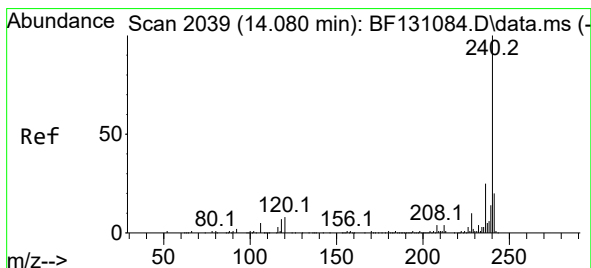
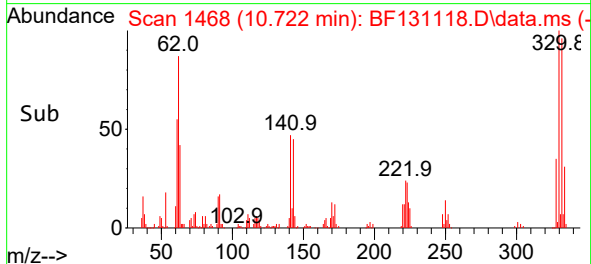
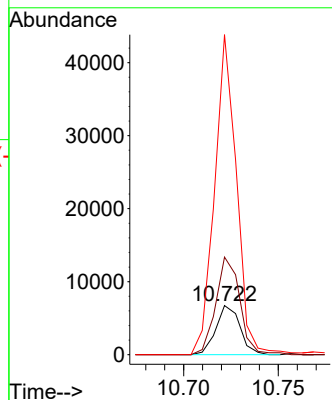
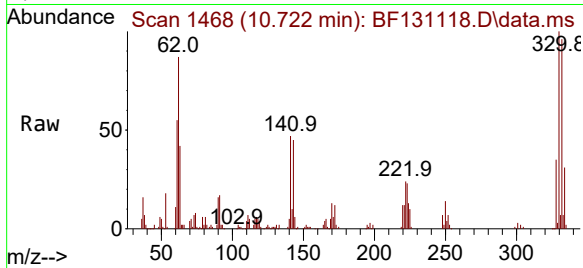




#67
4-Bromophenyl-phenylether
Concen: 2.991 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131118.D
Acq: 10 Nov 2022 12:22

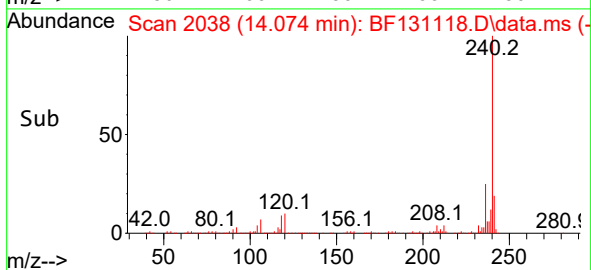
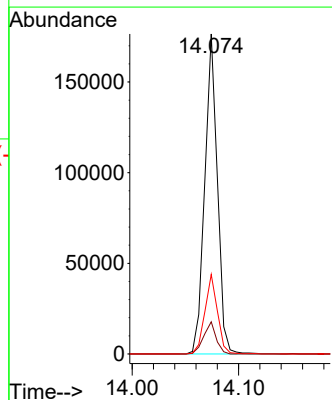
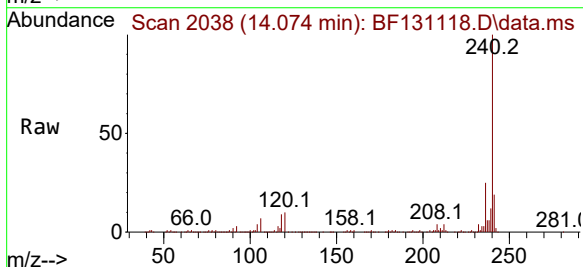
Instrument :
BNA_F
ClientSampleId :
SB-14

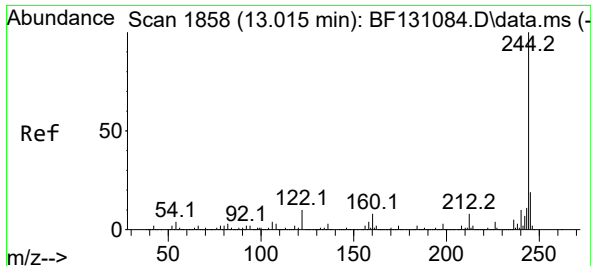
Tgt Ion:248 Resp: 5955
Ion Ratio Lower Upper
248 100
250 198.4 77.0 115.6#
141 650.7 69.7 104.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131118.D
Acq: 10 Nov 2022 12:22

Tgt Ion:240 Resp: 145902
Ion Ratio Lower Upper
240 100
120 10.1 6.5 9.7#
236 24.9 19.7 29.5

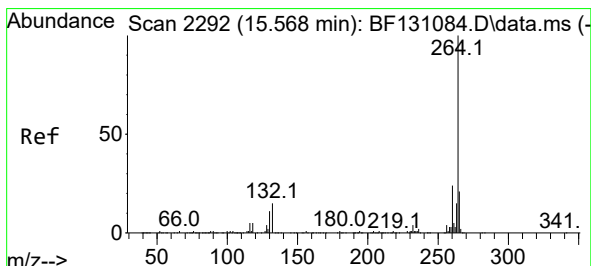
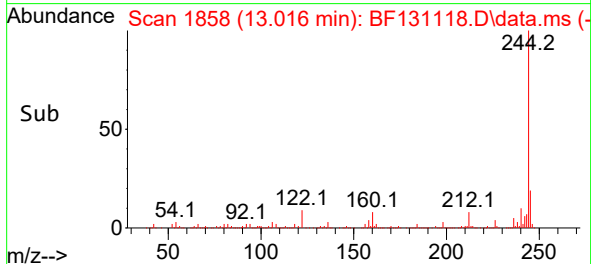
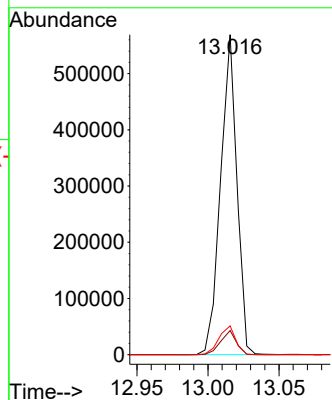
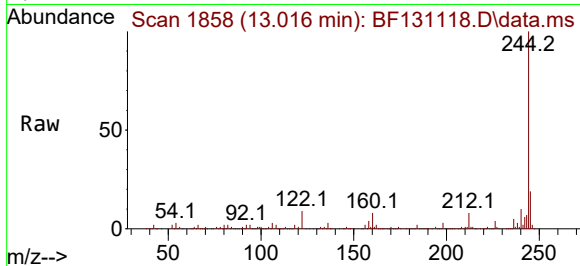




#79
 Terphenyl-d14
 Concen: 54.533 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BF131118.D
 Acq: 10 Nov 2022 12:22

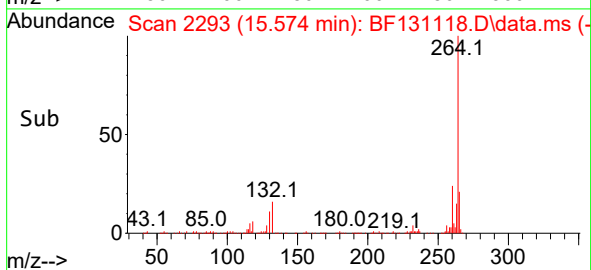
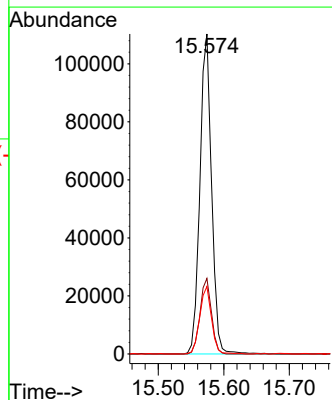
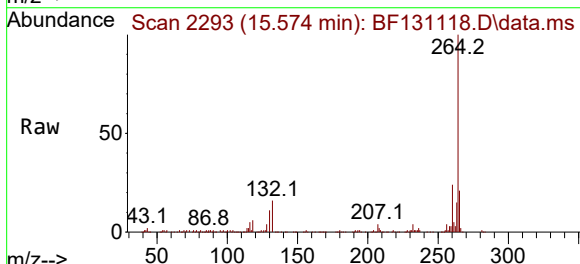
Instrument :
 BNA_F
 ClientSampleId :
 SB-14

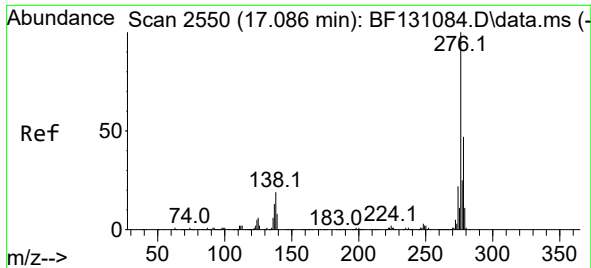
Tgt Ion:244 Resp: 453794
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.0 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.006 min
 Lab File: BF131118.D
 Acq: 10 Nov 2022 12:22

Tgt Ion:264 Resp: 136626
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.1 16.7 25.1

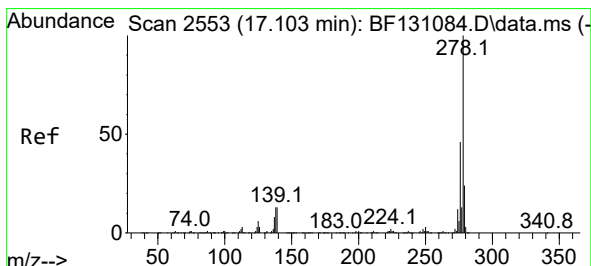
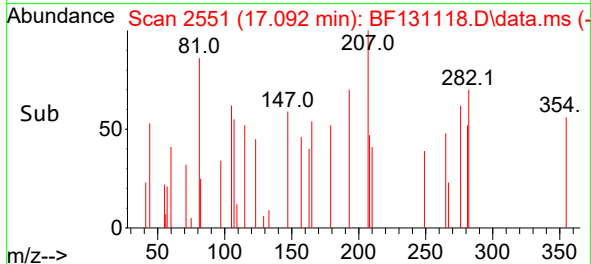
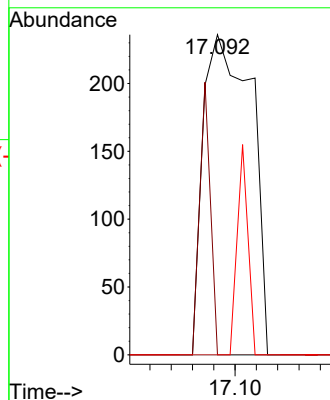
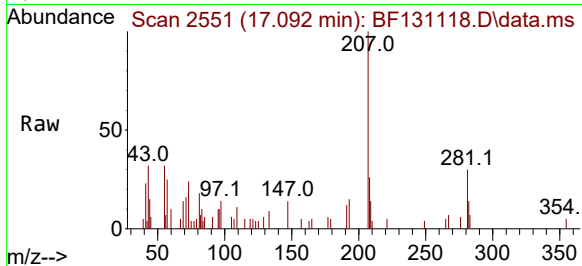




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.895 ng
 RT: 17.092 min Scan# 2551
 Delta R.T. 0.006 min
 Lab File: BF131118.D
 Acq: 10 Nov 2022 12:22

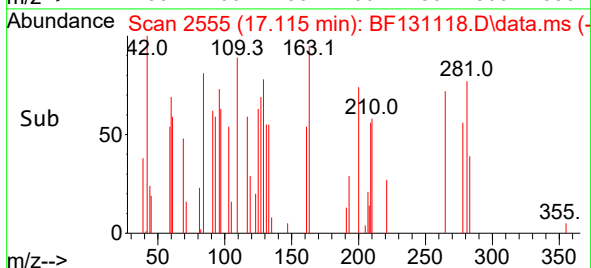
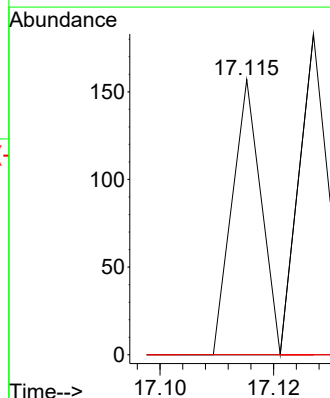
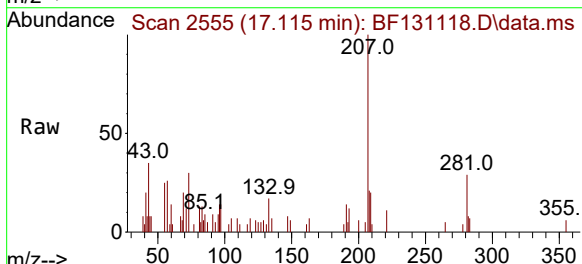
Instrument :
 BNA_F
 ClientSampleId :
 SB-14

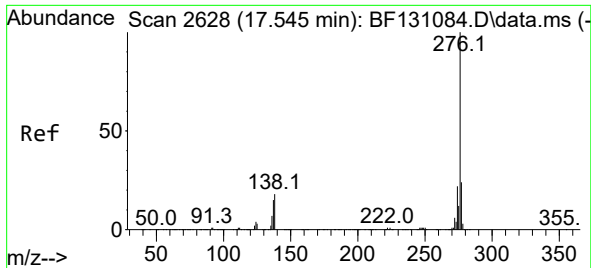
Tgt Ion: 276 Resp: 370
 Ion Ratio Lower Upper
 276 100
 138 19.2 16.9 25.3
 277 14.9 20.3 30.5#



#91
 Dibenzo(a,h)anthracene
 Concen: 3.845 ng
 RT: 17.115 min Scan# 2555
 Delta R.T. 0.012 min
 Lab File: BF131118.D
 Acq: 10 Nov 2022 12:22

Tgt Ion: 278 Resp: 55
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.8 16.2#
 279 0.0 19.2 28.8#





#92
 Benzo(g,h,i)perylene
 Concen: 4.418 ng
 RT: 17.551 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: BF131118.D
 Acq: 10 Nov 2022 12:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-14

Tgt Ion:276 Resp: 555
 Ion Ratio Lower Upper
 276 100
 277 0.0 19.0 28.4#
 138 49.1 14.6 21.8#

