

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131117.D
 Acq On : 10 Nov 2022 11:51
 Operator : CG\JU
 Sample : N5495-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Quant Time: Nov 11 00:46:15 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)

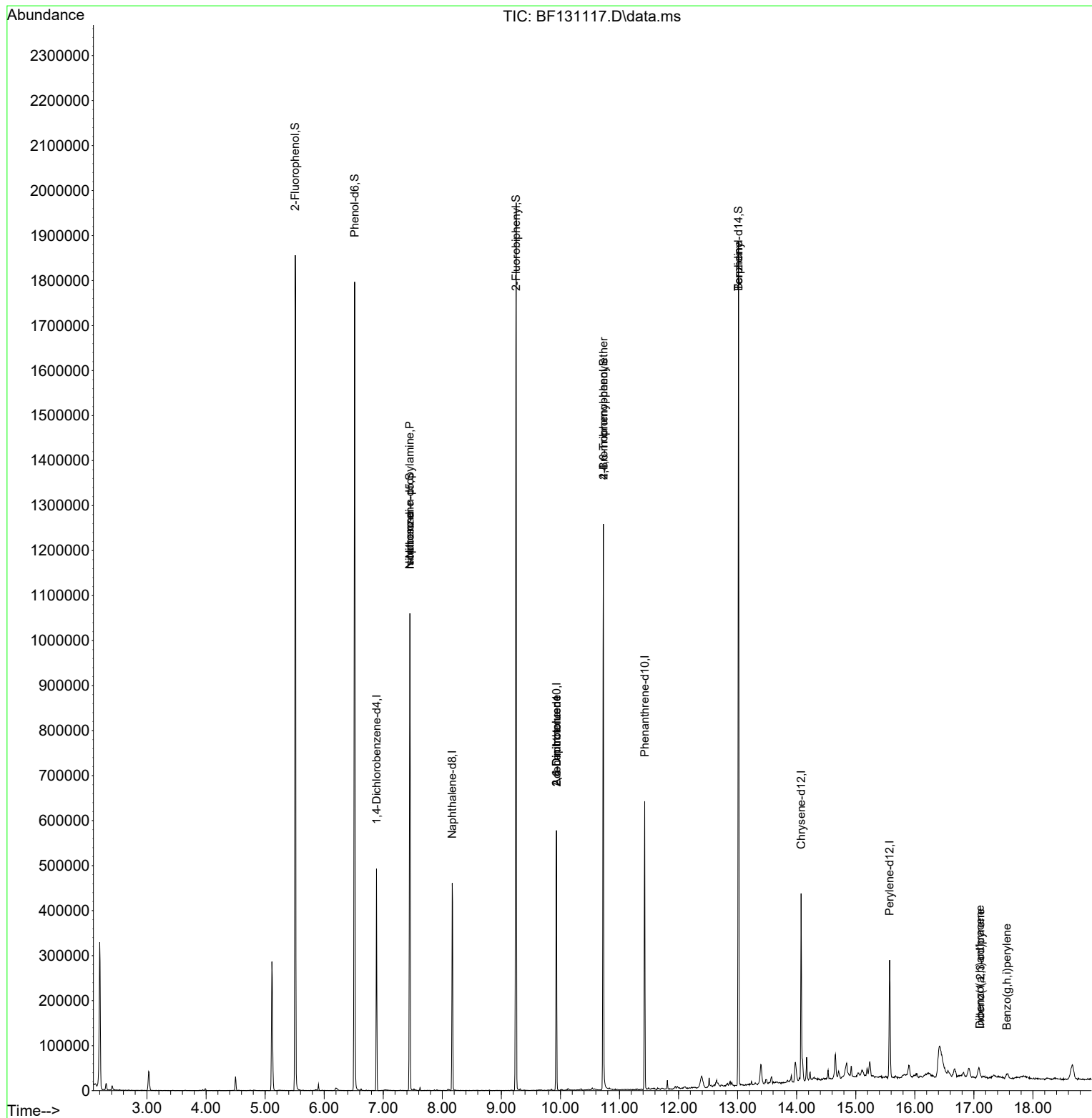
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	55117	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	207462	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	112076	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	206174	20.000	ng	0.00
76) Chrysene-d12	14.074	240	121005	20.000	ng	0.00
86) Perylene-d12	15.574	264	114753	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	483244	149.103	ng	0.00
7) Phenol-d6	6.516	99	579432	136.749	ng	0.00
23) Nitrobenzene-d5	7.451	82	346298	75.313	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	133657	115.393	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	613863	76.460	ng	0.00
79) Terphenyl-d14	13.016	244	592668	85.876	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	47661	17.132	ng	# 78
25) Isophorone	7.451	82	346295	48.708	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	15128	8.634	ng	# 15
57) 2,4-Dinitrotoluene	9.933	165	15128	6.495	ng	# 17
67) 4-Bromophenyl-phenylether	10.727	248	8325	3.571	ng	# 1
77) Benzidine	13.016	184	9504	2.662	ng	# 90
87) Indeno(1,2,3-cd)pyrene	17.109	276	290	3.893	ng	# 52
91) Dibenzo(a,h)anthracene	17.104	278	63	3.847	ng	# 57
92) Benzo(g,h,i)perylene	17.556	276	140	4.382	ng	# 55

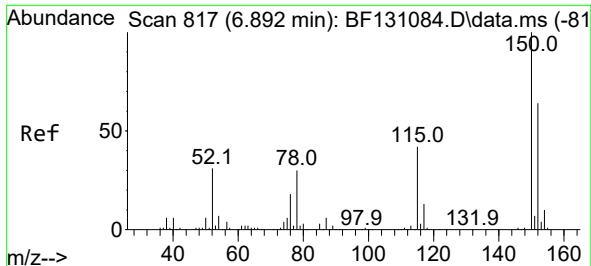
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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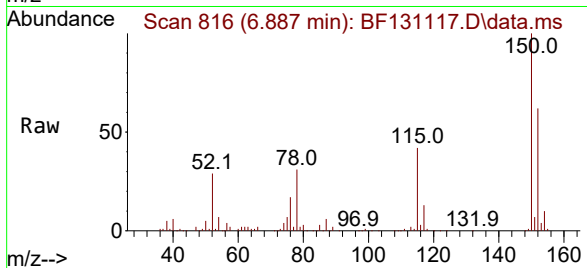
Quant Time: Nov 11 00:46:15 2022
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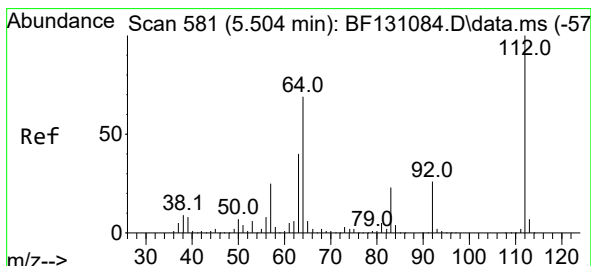
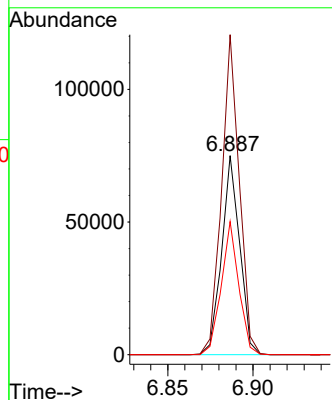
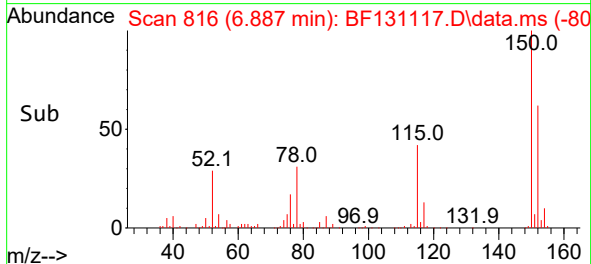


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131117.D
Acq: 10 Nov 2022 11:51

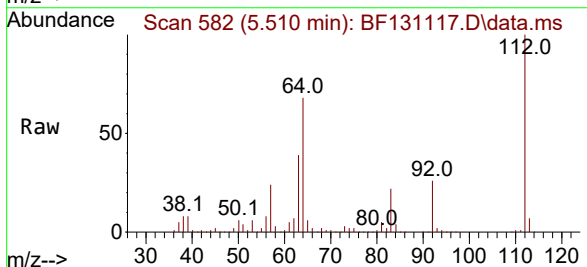
Instrument :
BNA_F
ClientSampleId :
DUP-01



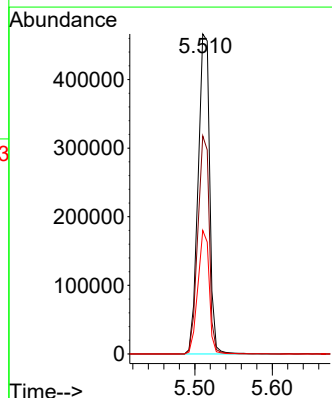
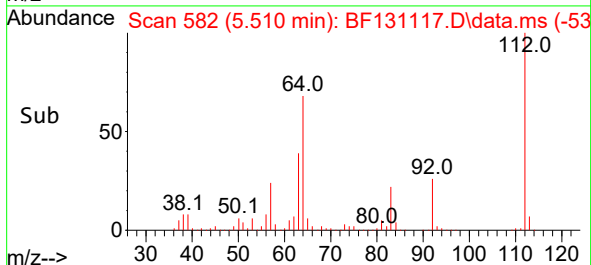
Tgt Ion:152 Resp: 55117
Ion Ratio Lower Upper
152 100
150 160.8 125.5 188.3
115 66.9 52.2 78.2

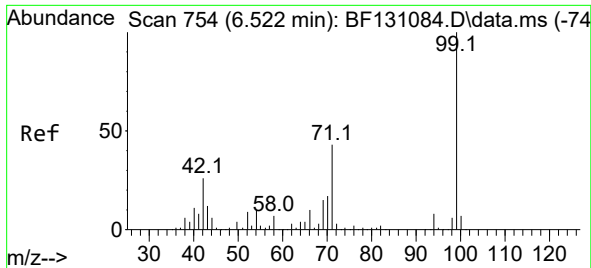


#5
2-Fluorophenol
Concen: 149.103 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131117.D
Acq: 10 Nov 2022 11:51



Tgt Ion:112 Resp: 483244
Ion Ratio Lower Upper
112 100
64 68.1 55.1 82.7
63 38.6 32.4 48.6

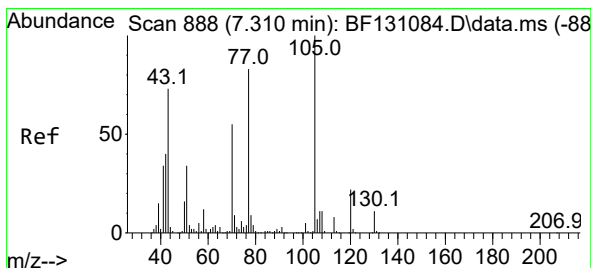
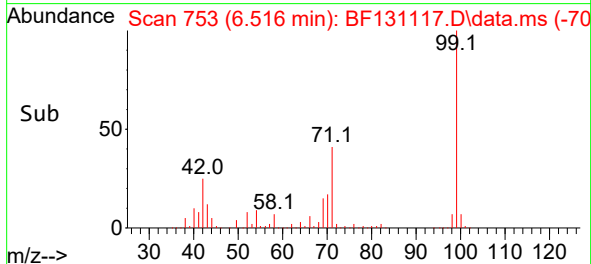
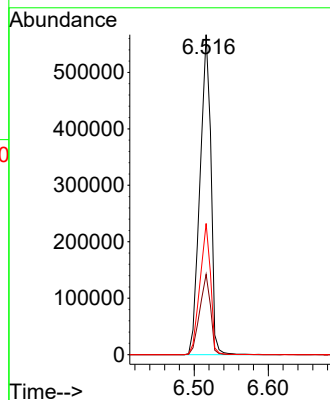
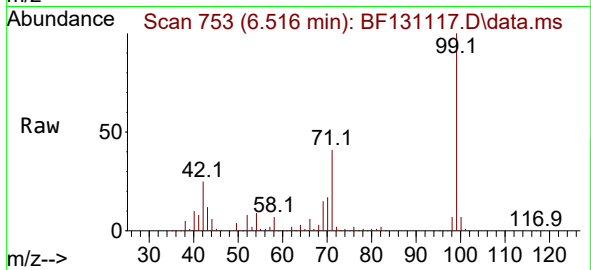




#7
Phenol-d6
Concen: 136.749 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131117.D
Acq: 10 Nov 2022 11:51

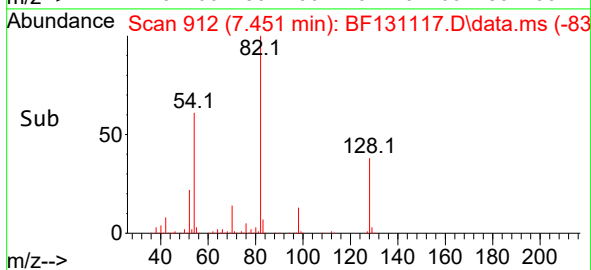
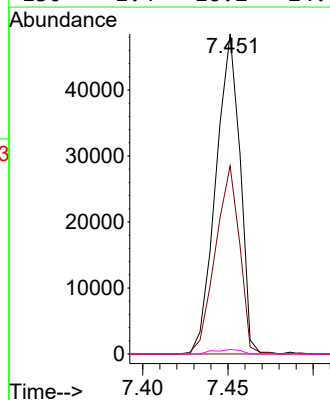
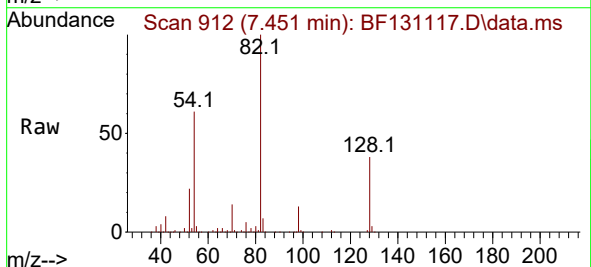
Instrument :
BNA_F
ClientSampleId :
DUP-01

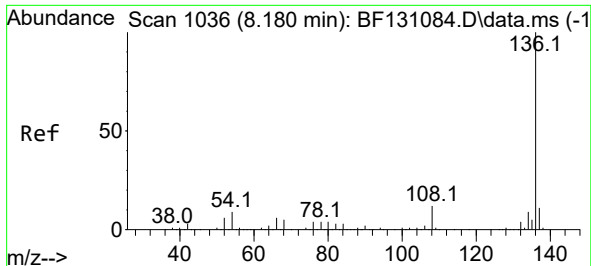
Tgt Ion: 99 Resp: 579432
Ion Ratio Lower Upper
99 100
42 25.1 20.8 31.2
71 41.0 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.132 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF131117.D
Acq: 10 Nov 2022 11:51

Tgt Ion: 70 Resp: 47661
Ion Ratio Lower Upper
70 100
42 58.7 58.3 87.5
101 0.0 7.4 11.2#
130 1.4 16.2 24.4#

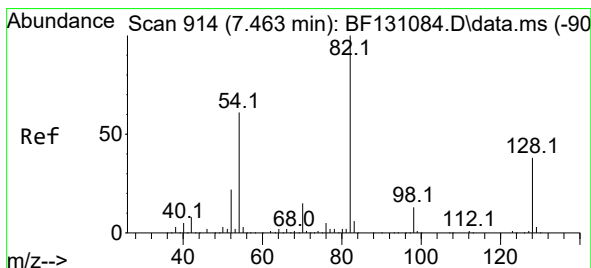
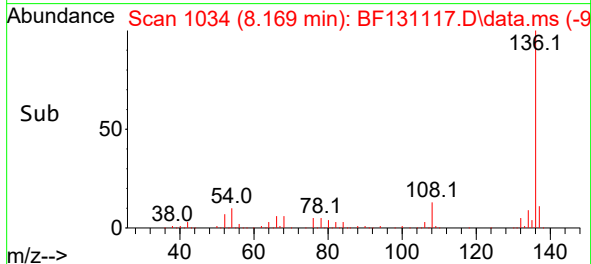
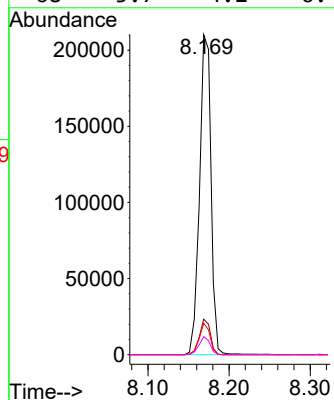
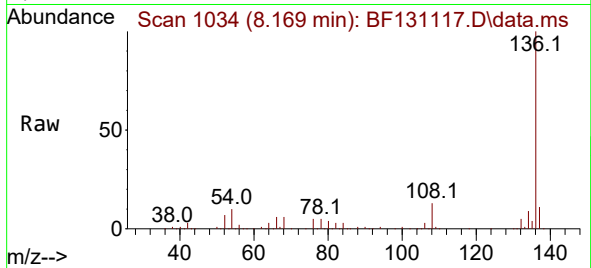




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF131117.D
Acq: 10 Nov 2022 11:51

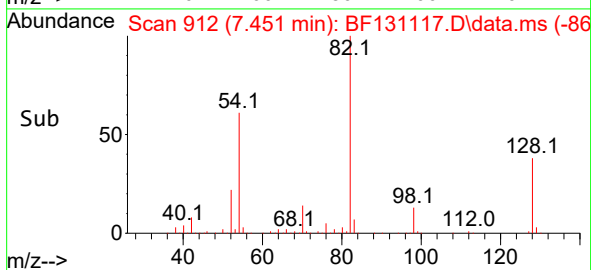
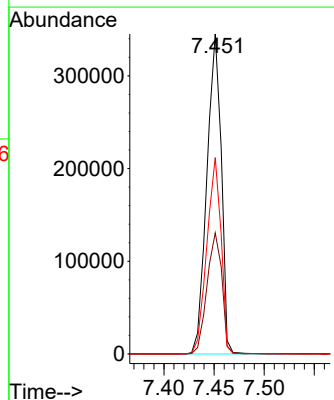
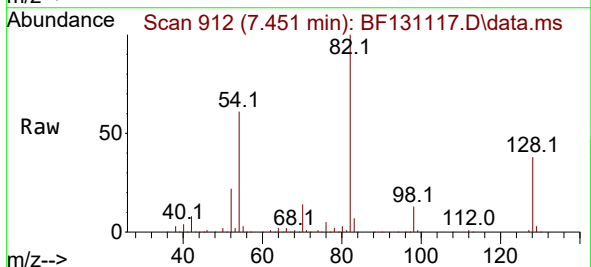
Instrument :
BNA_F
ClientSampleId :
DUP-01

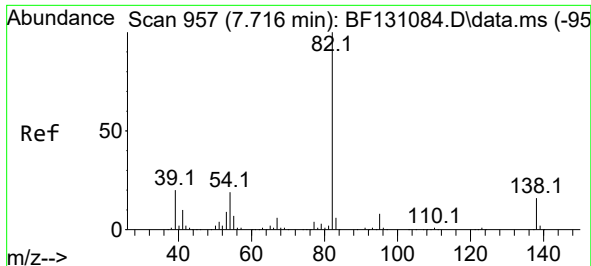
Tgt Ion:136 Resp: 207462
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.8 7.2 10.8
68 5.7 4.2 6.4



#23
Nitrobenzene-d5
Concen: 75.313 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF131117.D
Acq: 10 Nov 2022 11:51

Tgt Ion: 82 Resp: 346298
Ion Ratio Lower Upper
82 100
128 37.9 30.5 45.7
54 61.4 49.1 73.7

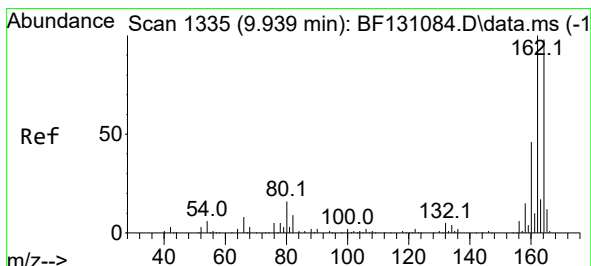
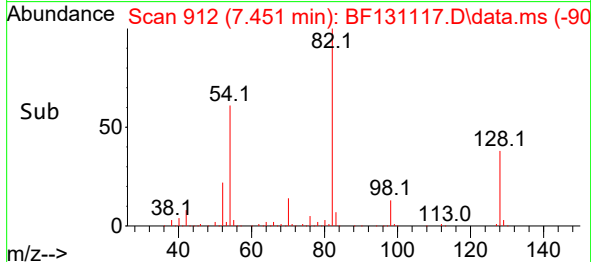
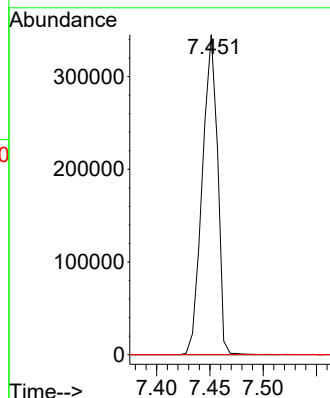
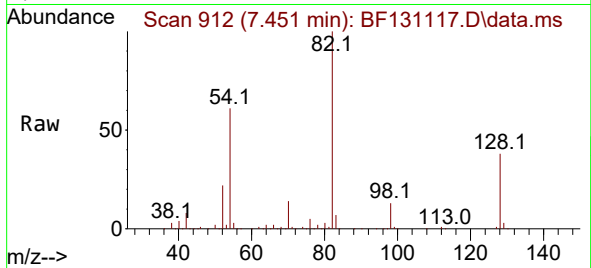




#25
Isophorone
Concen: 48.708 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131117.D
Acq: 10 Nov 2022 11:51

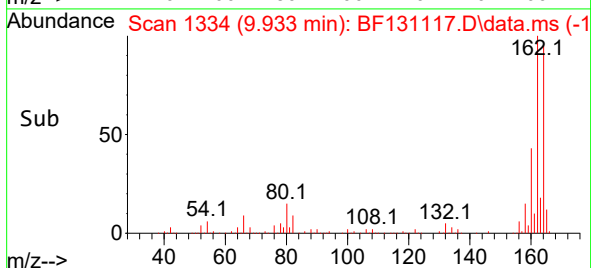
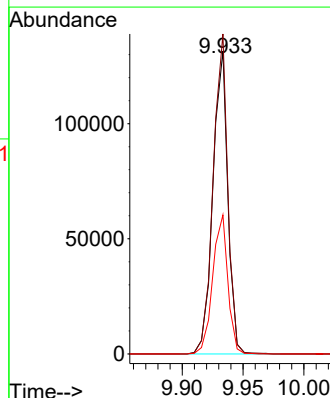
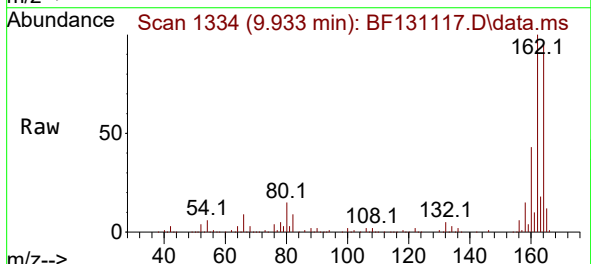
Instrument :
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ClientSampleId :
DUP-01

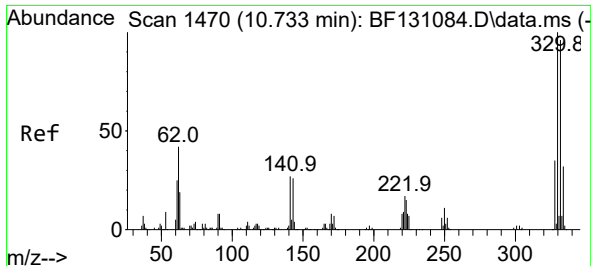
Tgt Ion: 82 Resp: 346295
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131117.D
Acq: 10 Nov 2022 11:51

Tgt Ion:164 Resp: 112076
Ion Ratio Lower Upper
164 100
162 105.6 81.7 122.5
160 45.9 37.4 56.2

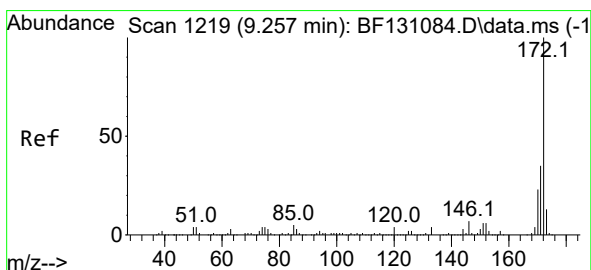
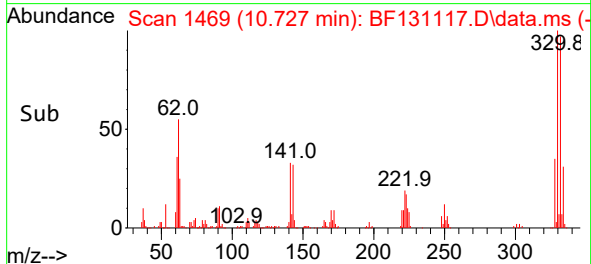
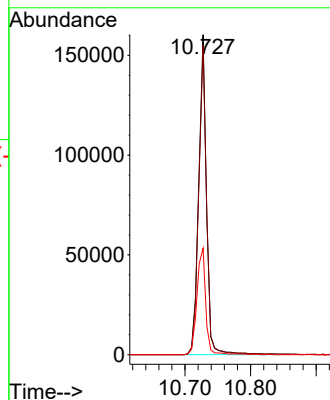
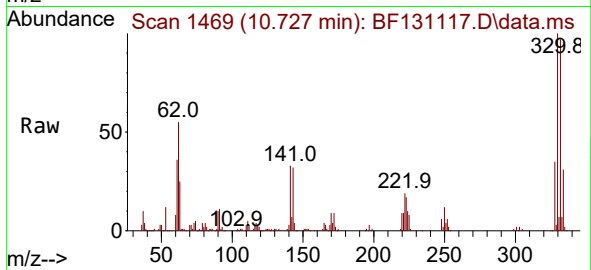




#42
2,4,6-Tribromophenol
Concen: 115.393 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF131117.D
Acq: 10 Nov 2022 11:51

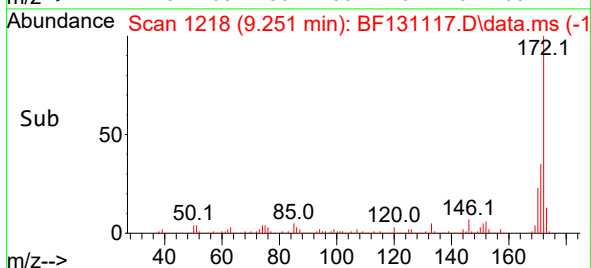
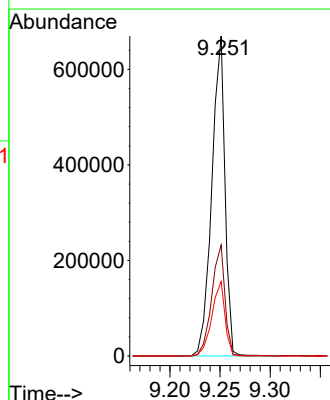
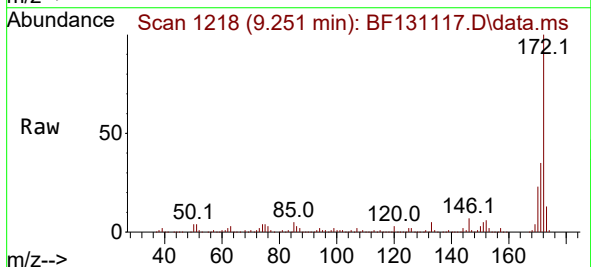
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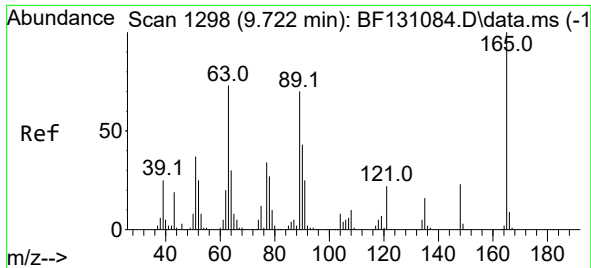
Tgt Ion:330 Resp: 133657
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 37.5 28.5 42.7



#45
2-Fluorobiphenyl
Concen: 76.460 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131117.D
Acq: 10 Nov 2022 11:51

Tgt Ion:172 Resp: 613863
Ion Ratio Lower Upper
172 100
171 34.7 27.7 41.5
170 23.3 18.8 28.2

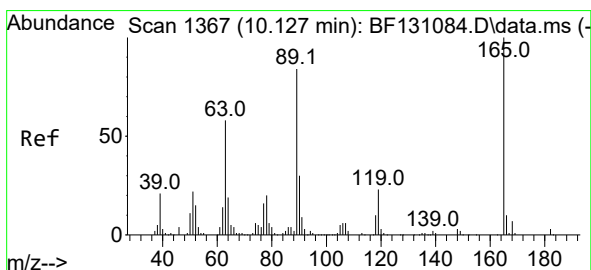
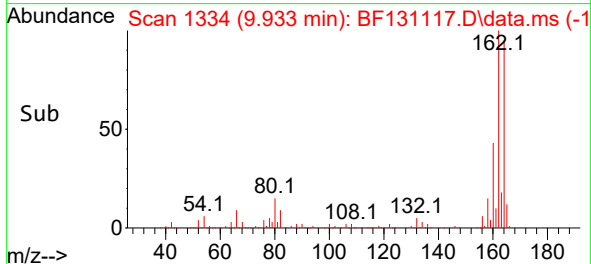
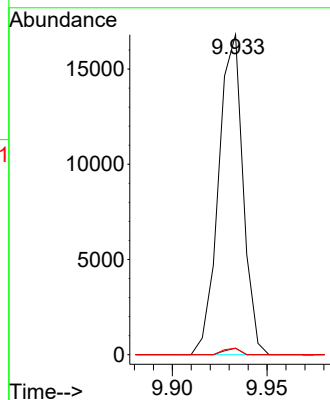
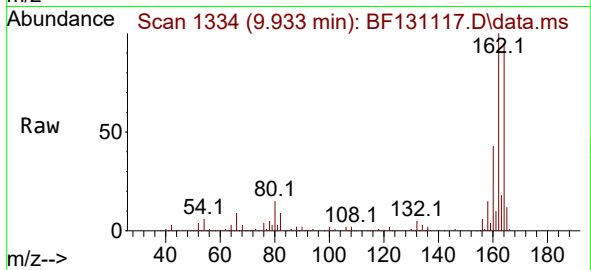




#51
2,6-Dinitrotoluene
Concen: 8.634 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF131117.D
Acq: 10 Nov 2022 11:51

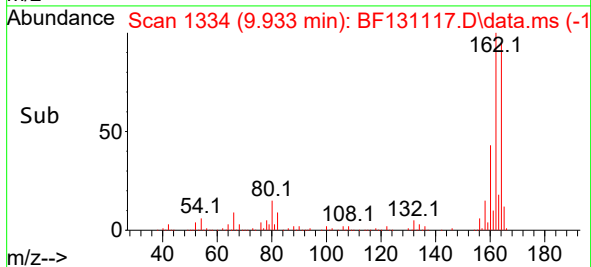
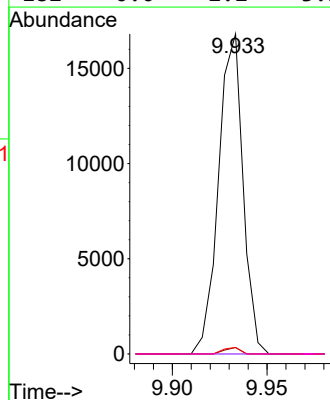
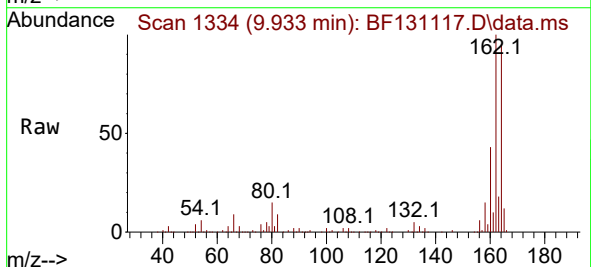
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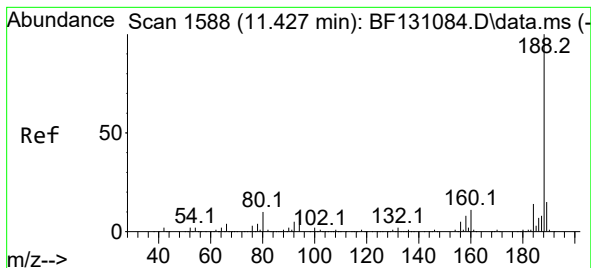
Tgt Ion:165 Resp: 15128
Ion Ratio Lower Upper
165 100
63 2.0 61.4 92.2#
89 2.0 56.0 84.0#



#57
2,4-Dinitrotoluene
Concen: 6.495 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131117.D
Acq: 10 Nov 2022 11:51

Tgt Ion:165 Resp: 15128
Ion Ratio Lower Upper
165 100
63 2.0 46.9 70.3#
89 2.0 66.9 100.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131117.D

Acq: 10 Nov 2022 11:51

Instrument :

BNA_F

ClientSampleId :

DUP-01

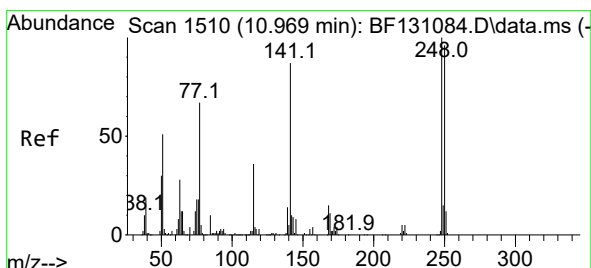
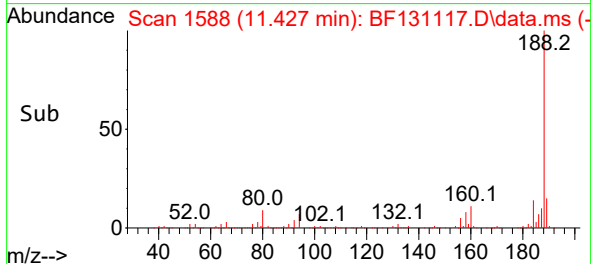
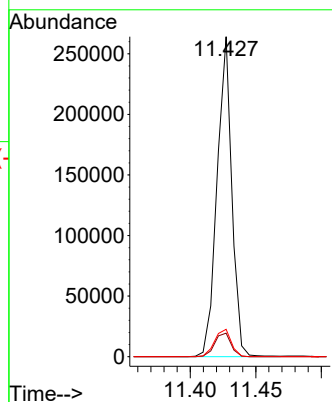
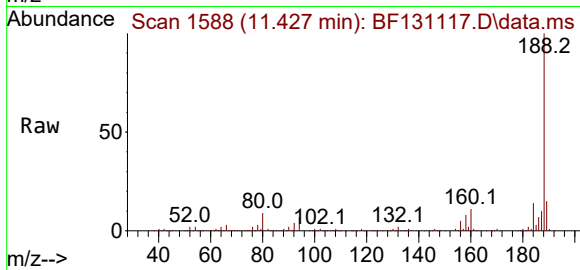
Tgt Ion:188 Resp: 206174

Ion Ratio Lower Upper

188 100

94 7.3 7.0 10.6

80 8.5 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 3.571 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.241 min

Lab File: BF131117.D

Acq: 10 Nov 2022 11:51

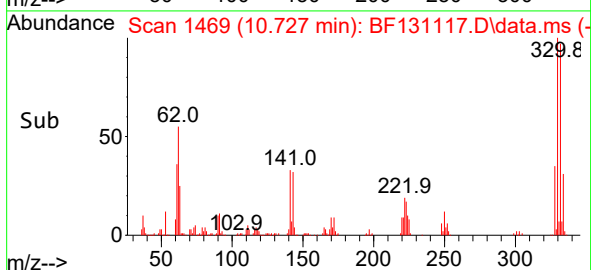
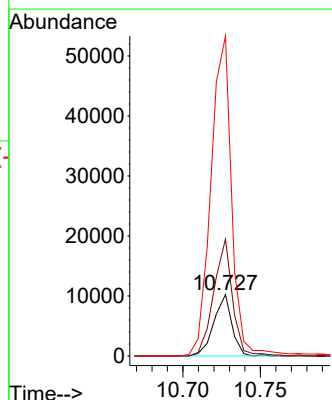
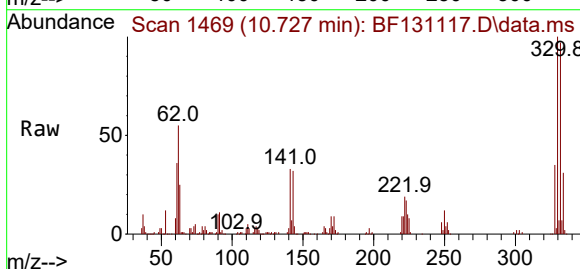
Tgt Ion:248 Resp: 8325

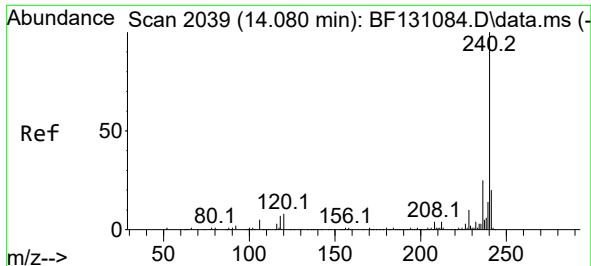
Ion Ratio Lower Upper

248 100

250 190.3 77.0 115.6#

141 520.9 69.7 104.5#

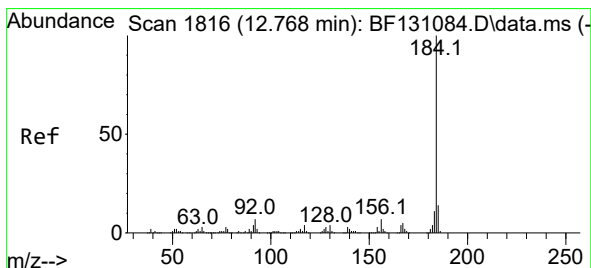
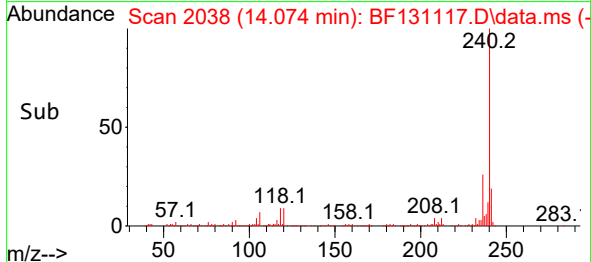
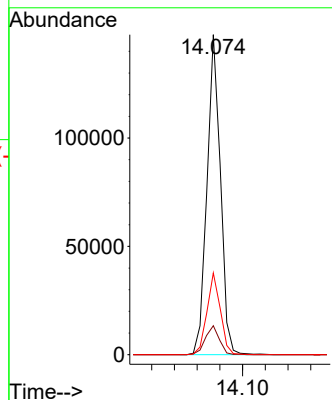
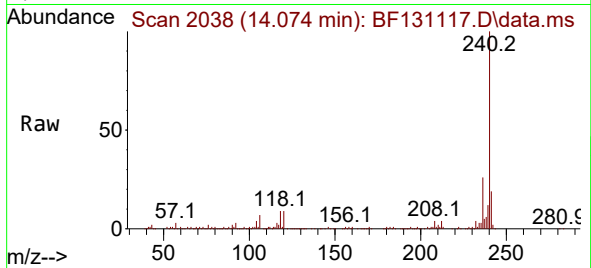




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131117.D
Acq: 10 Nov 2022 11:51

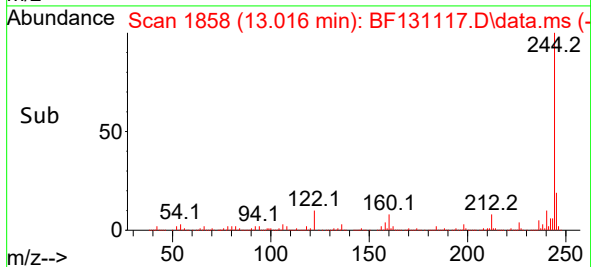
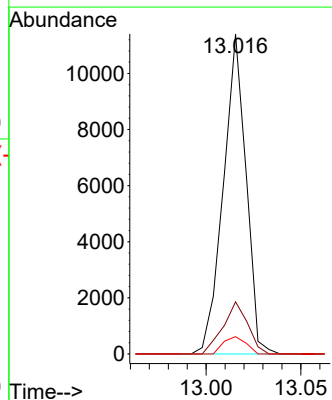
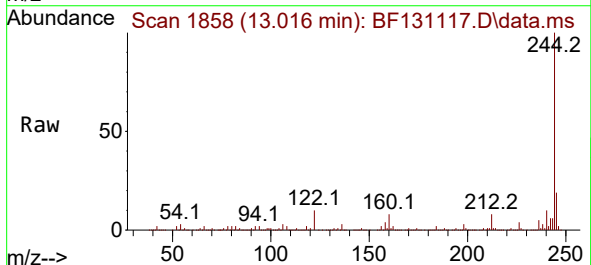
Instrument :
BNA_F
ClientSampleId :
DUP-01

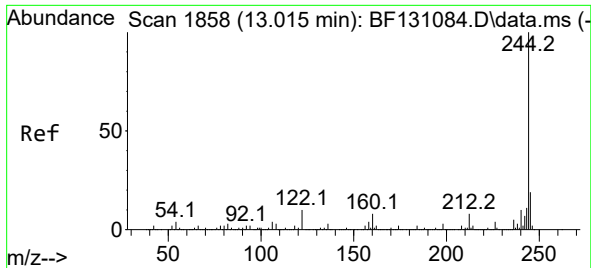
Tgt Ion:240 Resp: 121005
Ion Ratio Lower Upper
240 100
120 9.1 6.5 9.7
236 25.5 19.7 29.5



#77
Benzidine
Concen: 2.662 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.247 min
Lab File: BF131117.D
Acq: 10 Nov 2022 11:51

Tgt Ion:184 Resp: 9504
Ion Ratio Lower Upper
184 100
185 16.3 11.4 17.0
183 5.4 9.0 13.4#

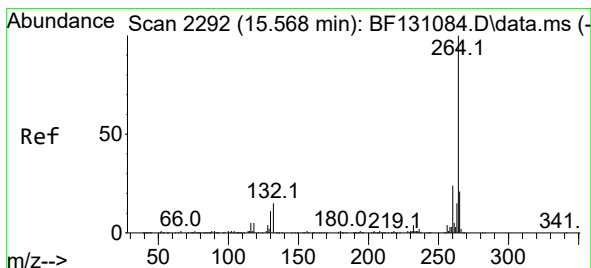
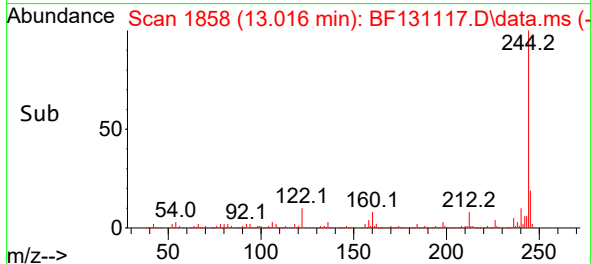
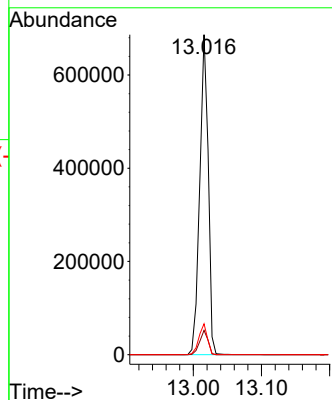
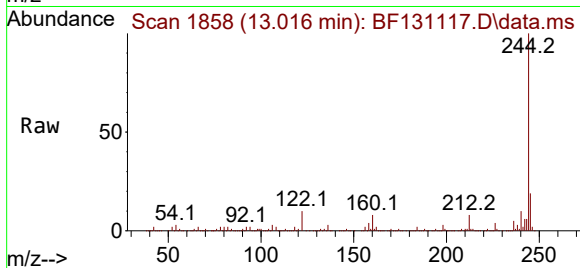




#79
 Terphenyl-d14
 Concen: 85.876 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BF131117.D
 Acq: 10 Nov 2022 11:51

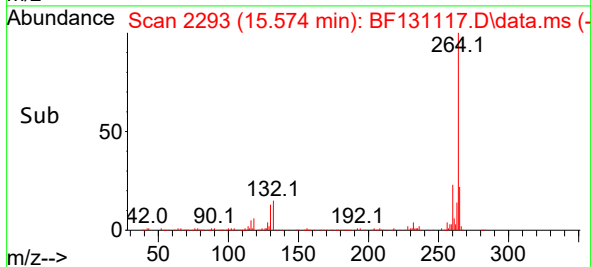
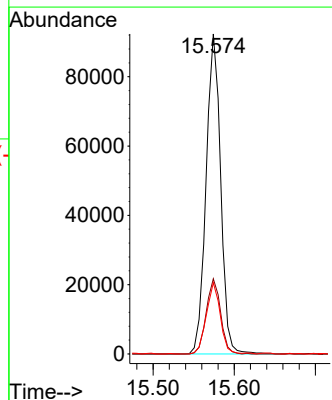
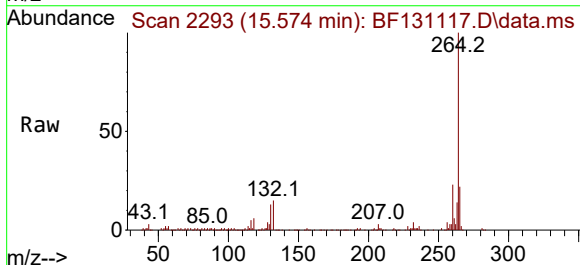
Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

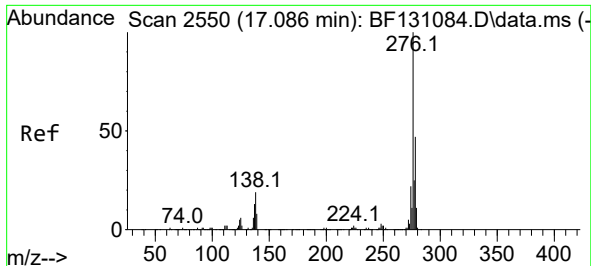
Tgt Ion:244 Resp: 592668
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 9.7 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.006 min
 Lab File: BF131117.D
 Acq: 10 Nov 2022 11:51

Tgt Ion:264 Resp: 114753
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 22.2 16.7 25.1

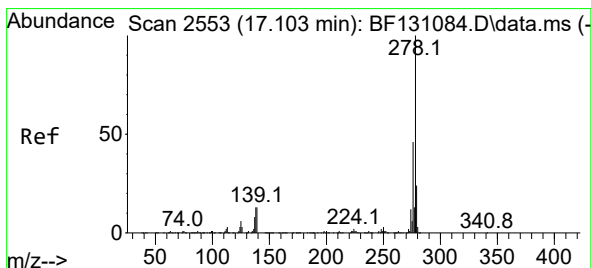
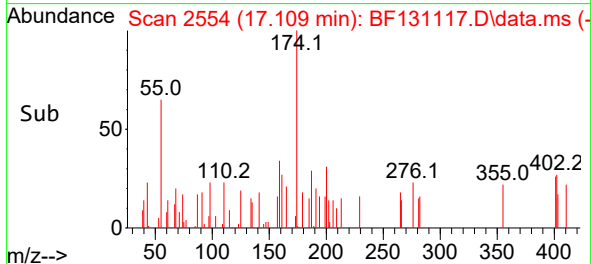
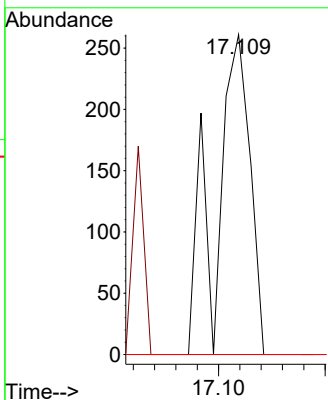
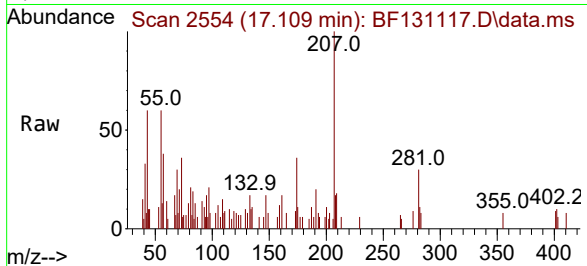




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.893 ng
 RT: 17.109 min Scan# 2554
 Delta R.T. 0.023 min
 Lab File: BF131117.D
 Acq: 10 Nov 2022 11:51

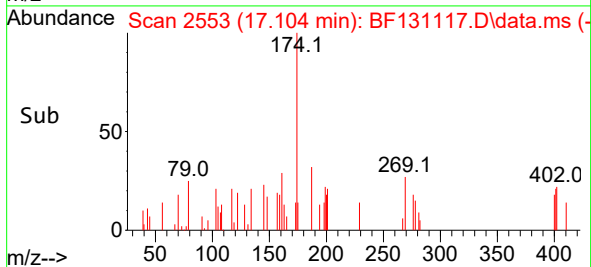
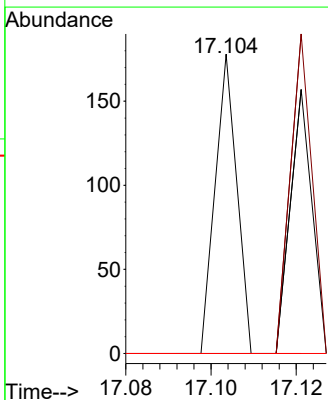
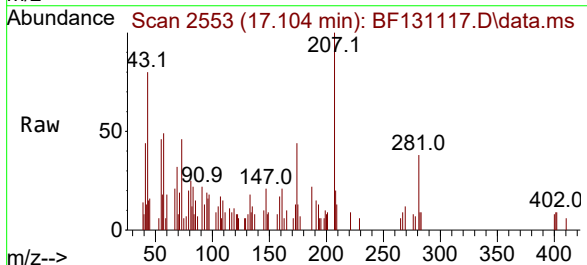
Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

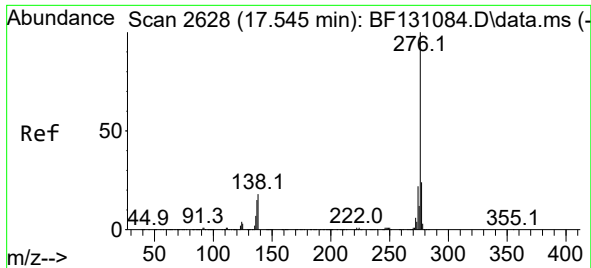
Tgt Ion:276 Resp: 290
 Ion Ratio Lower Upper
 276 100
 138 0.0 16.9 25.3#
 277 0.0 20.3 30.5#



#91
 Dibenzo(a,h)anthracene
 Concen: 3.847 ng
 RT: 17.104 min Scan# 2553
 Delta R.T. 0.001 min
 Lab File: BF131117.D
 Acq: 10 Nov 2022 11:51

Tgt Ion:278 Resp: 63
 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: 4.382 ng
 RT: 17.556 min Scan# 20
 Delta R.T. 0.011 min
 Lab File: BF131117.D
 Acq: 10 Nov 2022 11:51

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.0	28.4#
138	0.0	14.6	21.8#

