

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131089.D
 Acq On : 09 Nov 2022 16:20
 Operator : CG\JU
 Sample : PB148881BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148881BL

Quant Time: Nov 10 04:30:04 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)

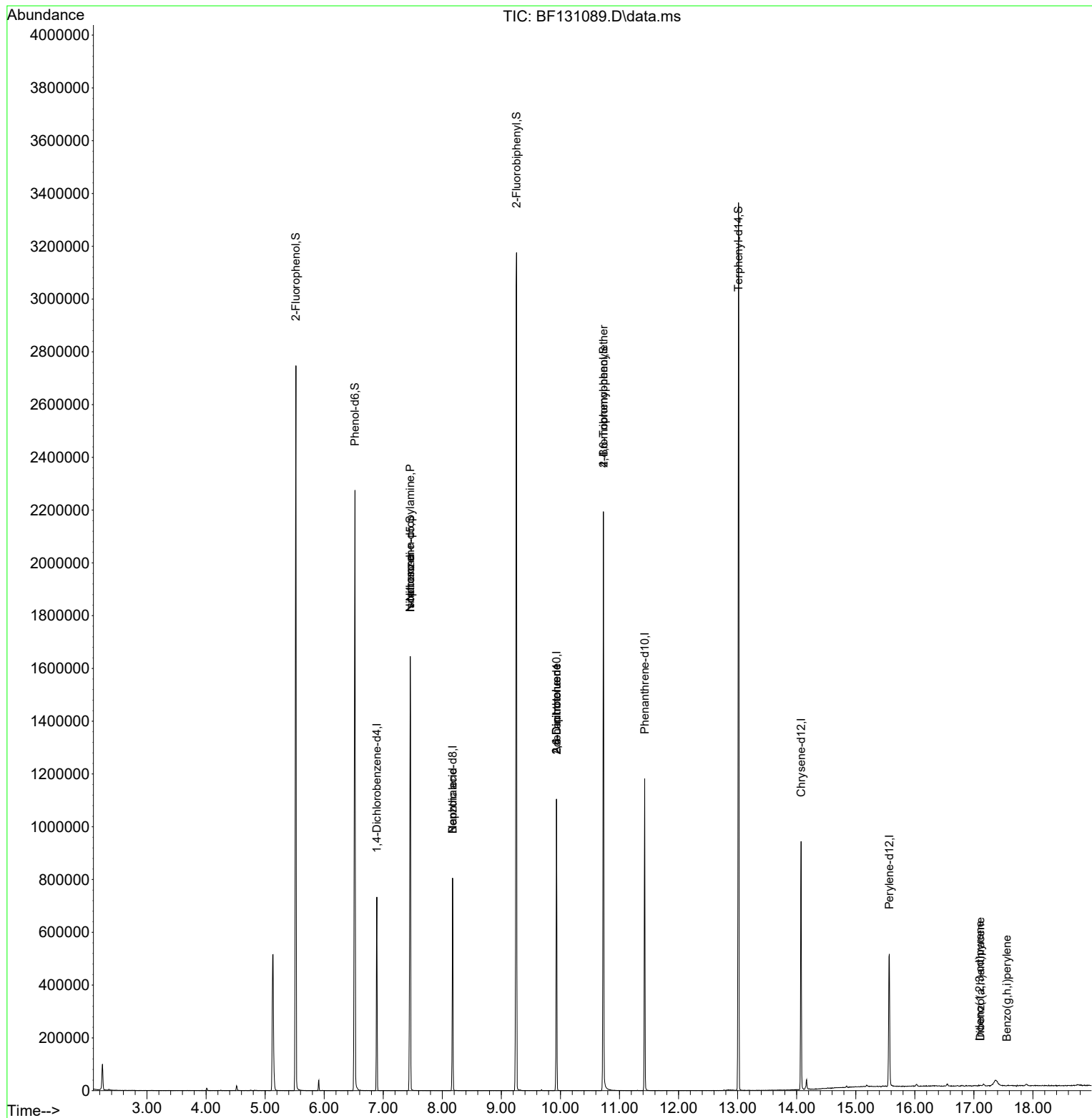
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	94973	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	328131	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	211873	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	392296	20.000	ng	0.00
76) Chrysene-d12	14.074	240	318986	20.000	ng	0.00
86) Perylene-d12	15.568	264	235385	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	676490	121.134	ng	0.02
7) Phenol-d6	6.522	99	760924	104.219	ng	0.00
23) Nitrobenzene-d5	7.457	82	592696	81.497	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	256667	117.218	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1070704	70.546	ng	0.00
79) Terphenyl-d14	13.015	244	1224856	67.325	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.457	70	82792	17.271	ng	# 75
25) Isophorone	7.457	82	592693	52.708	ng	# 68
32) Benzoic acid	8.175	122	77	5.737	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	27632	8.343	ng	# 14
57) 2,4-Dinitrotoluene	9.933	165	27632	6.276	ng	# 16
67) 4-Bromophenyl-phenylether	10.727	248	15862	3.576	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.098	276	460	3.887	ng	# 64
91) Dibenzo(a,h)anthracene	17.109	278	272	3.855	ng	# 57
92) Benzo(g,h,i)perylene	17.556	276	331	4.384	ng	# 55

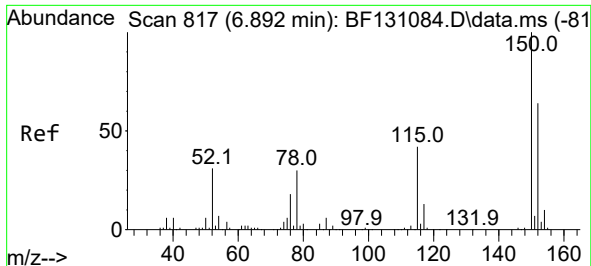
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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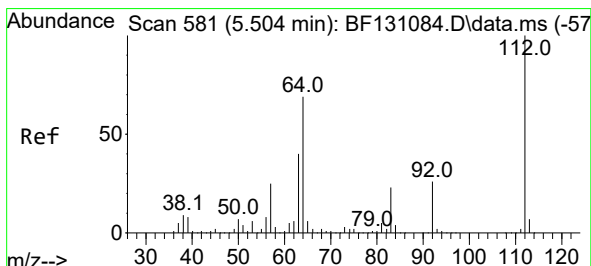
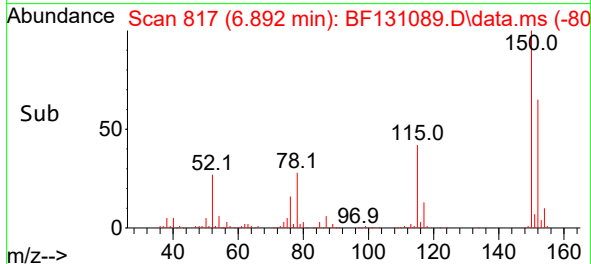
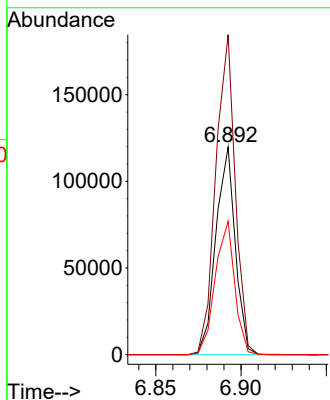
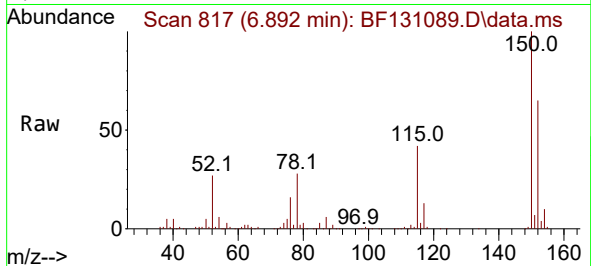




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131089.D
 Acq: 09 Nov 2022 16:20

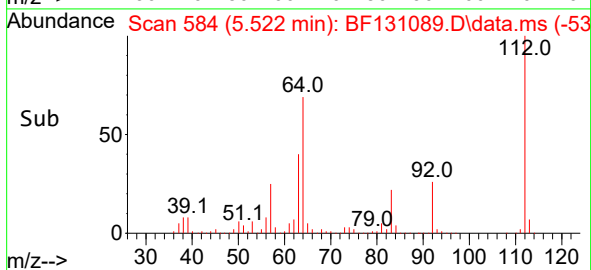
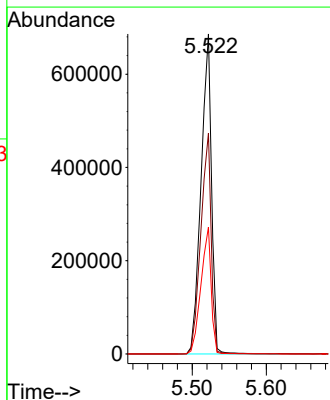
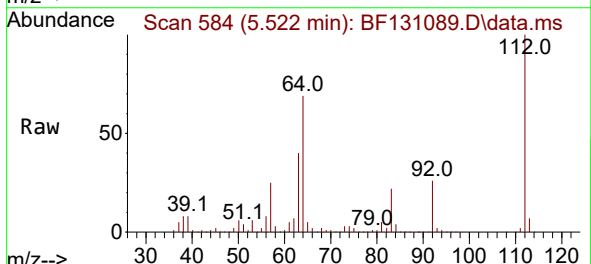
Instrument :
 BNA_F
 ClientSampleId :
 PB148881BL

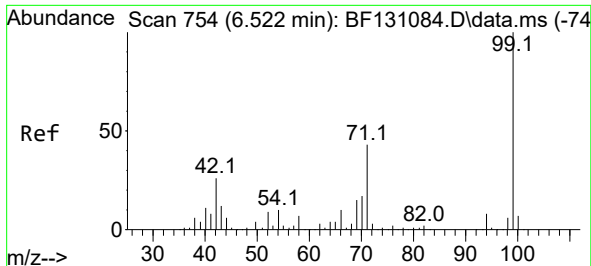
Tgt Ion:152 Resp: 94973
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.5 188.3
 115 64.1 52.2 78.2



#5
 2-Fluorophenol
 Concen: 121.134 ng
 RT: 5.522 min Scan# 584
 Delta R.T. 0.018 min
 Lab File: BF131089.D
 Acq: 09 Nov 2022 16:20

Tgt Ion:112 Resp: 676490
 Ion Ratio Lower Upper
 112 100
 64 69.0 55.1 82.7
 63 39.7 32.4 48.6

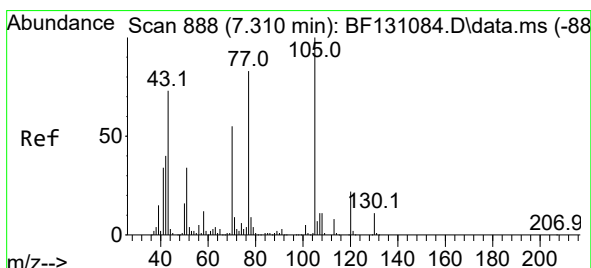
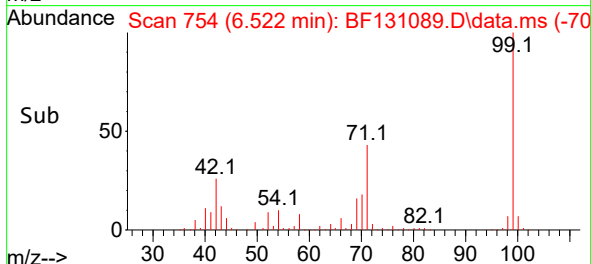
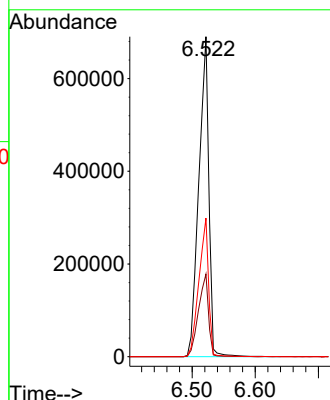
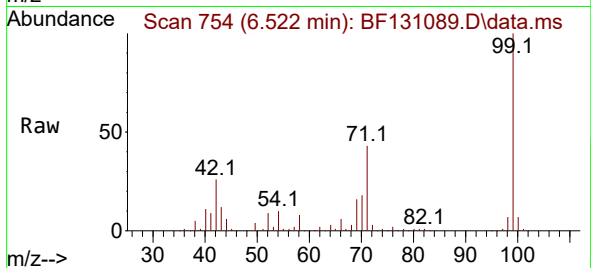




#7
Phenol-d6
Concen: 104.219 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131089.D
Acq: 09 Nov 2022 16:20

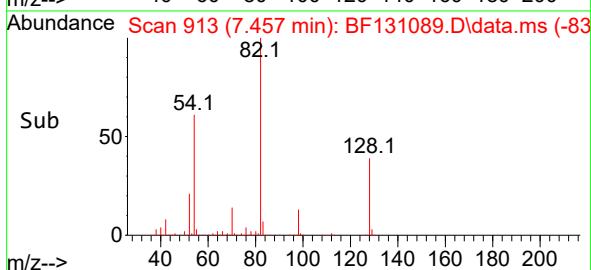
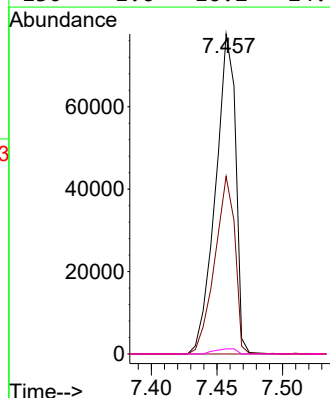
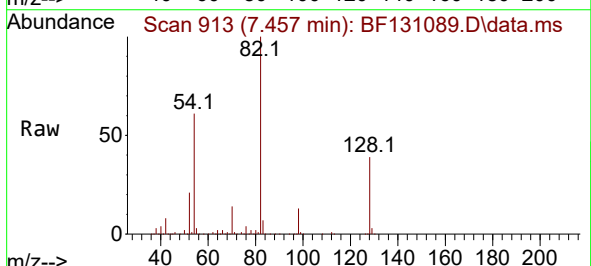
Instrument :
BNA_F
ClientSampleId :
PB148881BL

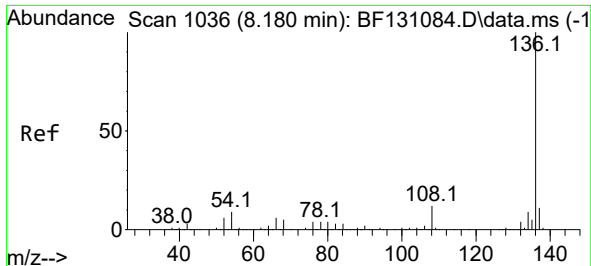
Tgt Ion: 99 Resp: 760924
Ion Ratio Lower Upper
99 100
42 25.8 20.8 31.2
71 43.3 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.271 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF131089.D
Acq: 09 Nov 2022 16:20

Tgt Ion: 70 Resp: 82792
Ion Ratio Lower Upper
70 100
42 55.5 58.3 87.5#
101 0.0 7.4 11.2#
130 1.6 16.2 24.4#

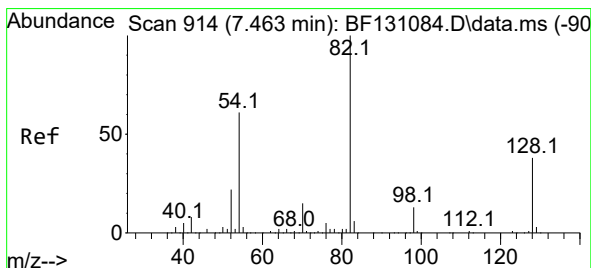
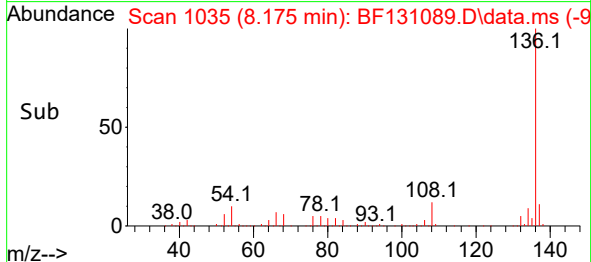
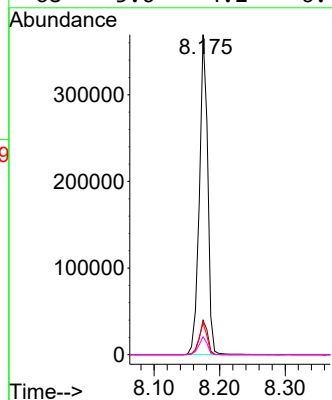
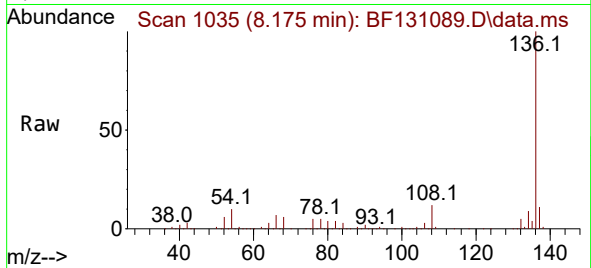




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BF131089.D
Acq: 09 Nov 2022 16:20

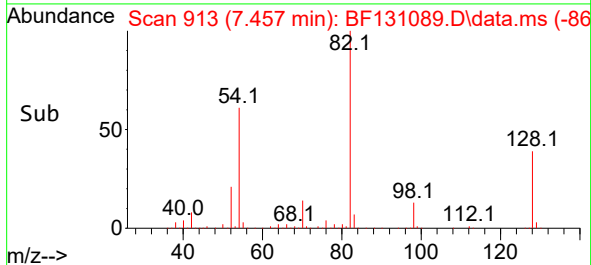
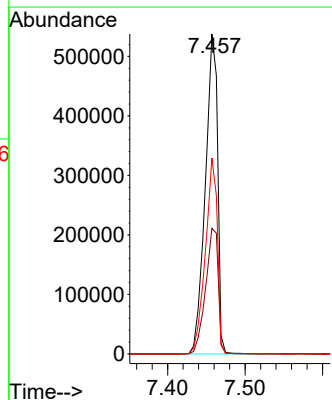
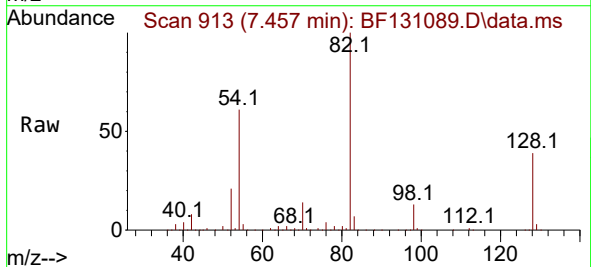
Instrument :
BNA_F
ClientSampleId :
PB148881BL

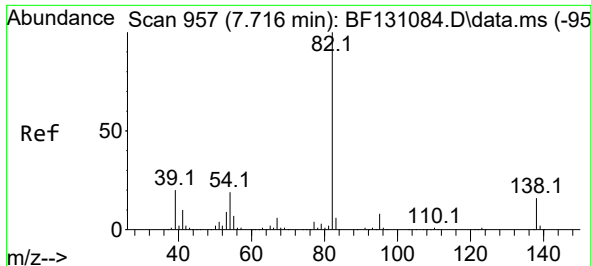
Tgt Ion:136 Resp: 328131
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.9 7.2 10.8
68 5.6 4.2 6.4



#23
Nitrobenzene-d5
Concen: 81.497 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131089.D
Acq: 09 Nov 2022 16:20

Tgt Ion: 82 Resp: 592696
Ion Ratio Lower Upper
82 100
128 39.3 30.5 45.7
54 61.2 49.1 73.7

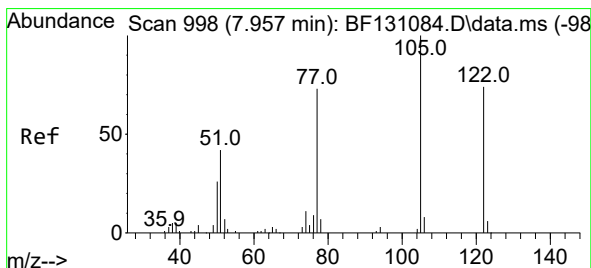
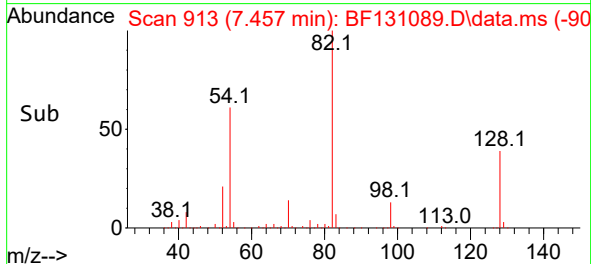
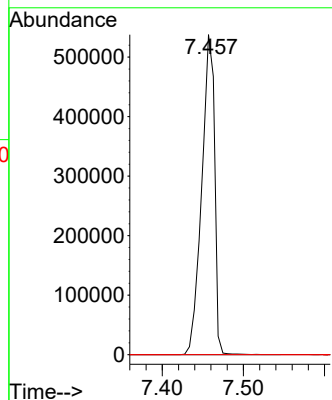
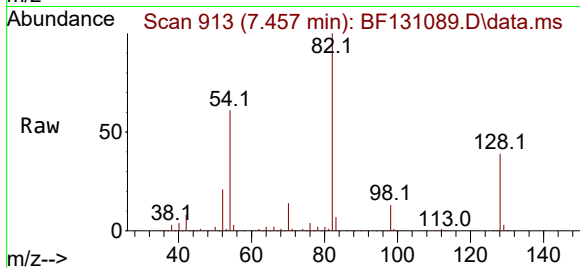




#25
Isophorone
Concen: 52.708 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131089.D
Acq: 09 Nov 2022 16:20

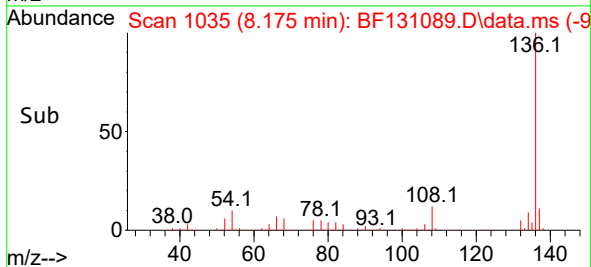
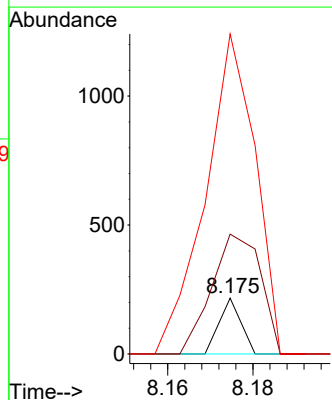
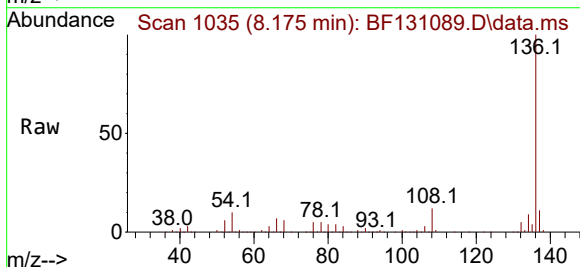
Instrument :
BNA_F
ClientSampleId :
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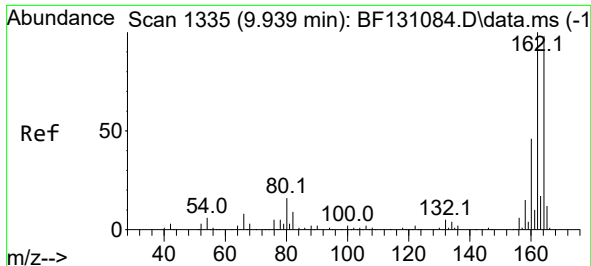
Tgt Ion: 82 Resp: 592693
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#32
Benzoic acid
Concen: 5.737 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.218 min
Lab File: BF131089.D
Acq: 09 Nov 2022 16:20

Tgt Ion: 122 Resp: 77
Ion Ratio Lower Upper
122 100
105 214.3 113.0 153.0#
77 571.9 78.7 118.7#

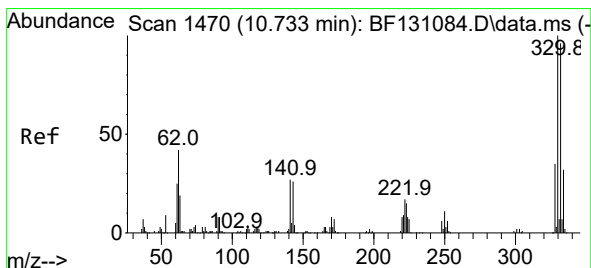
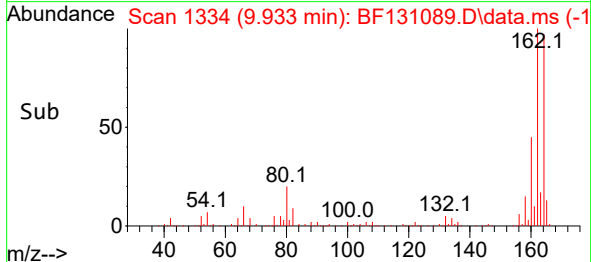
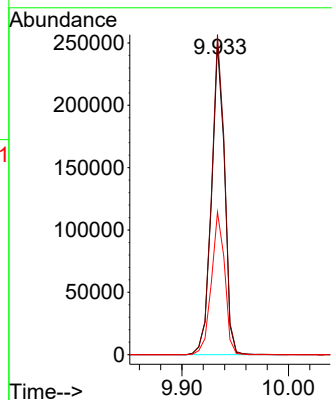
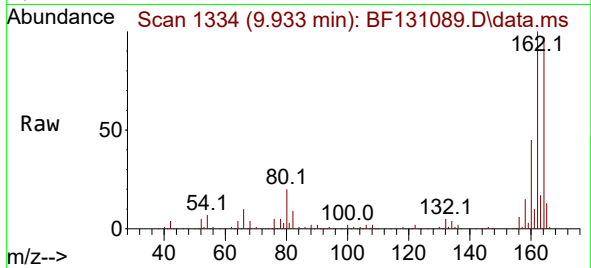




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131089.D
Acq: 09 Nov 2022 16:20

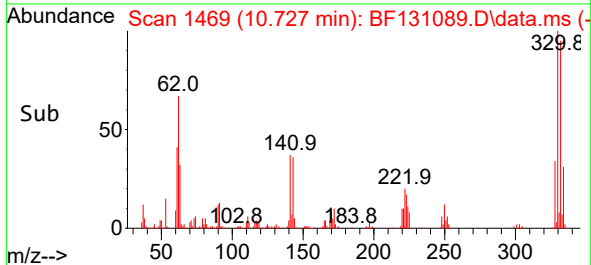
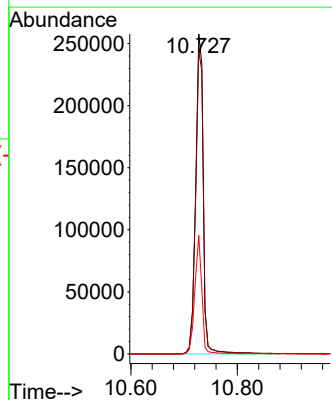
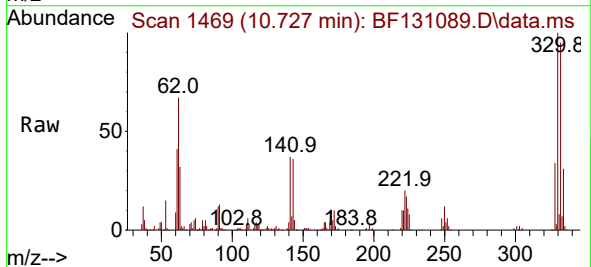
Instrument :
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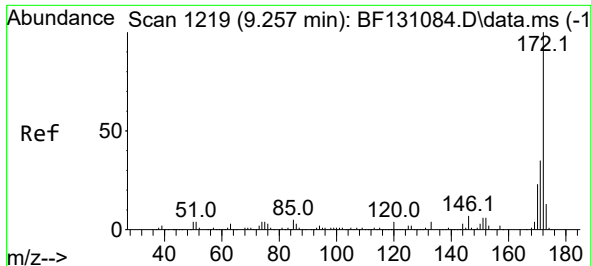
Tgt Ion:164 Resp: 211873
Ion Ratio Lower Upper
164 100
162 103.1 81.7 122.5
160 45.9 37.4 56.2



#42
2,4,6-Tribromophenol
Concen: 117.218 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF131089.D
Acq: 09 Nov 2022 16:20

Tgt Ion:330 Resp: 256667
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 34.4 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 70.546 ng

RT: 9.257 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131089.D

Acq: 09 Nov 2022 16:20

Instrument :

BNA_F

ClientSampleId :

PB148881BL

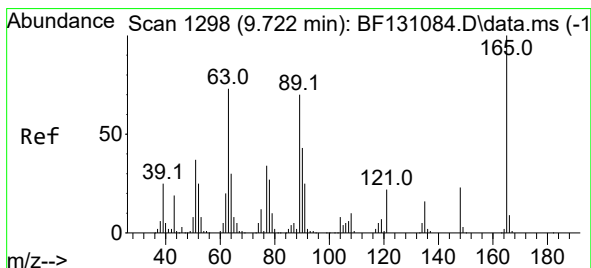
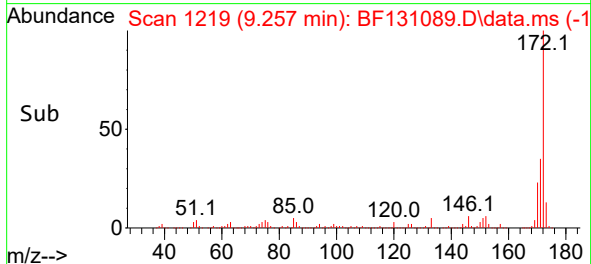
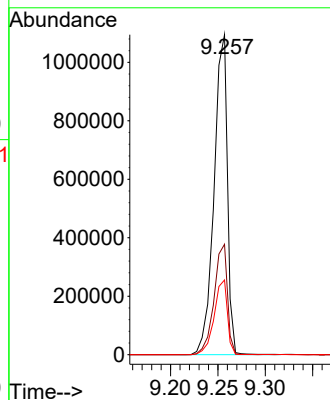
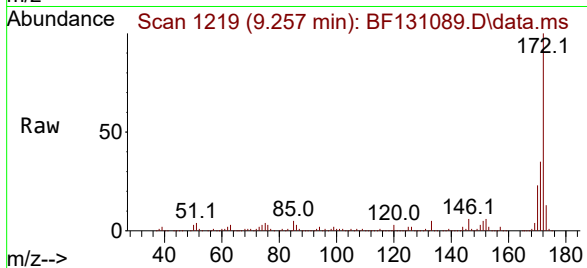
Tgt Ion:172 Resp: 1070704

Ion Ratio Lower Upper

172 100

171 34.5 27.7 41.5

170 23.3 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 8.343 ng

RT: 9.933 min Scan# 1334

Delta R.T. 0.212 min

Lab File: BF131089.D

Acq: 09 Nov 2022 16:20

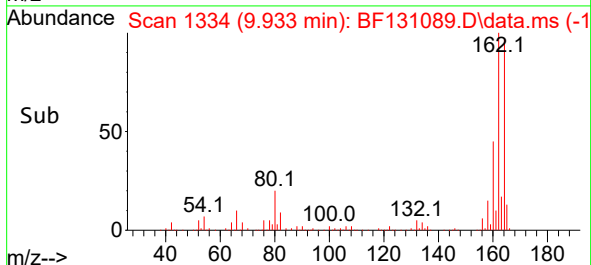
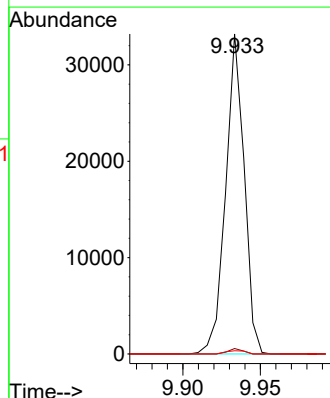
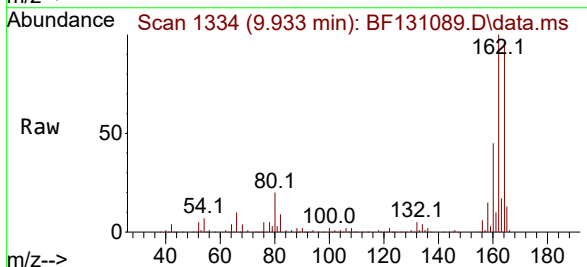
Tgt Ion:165 Resp: 27632

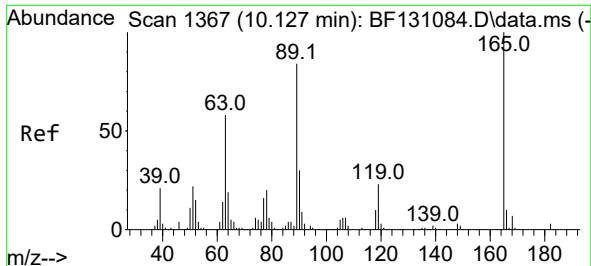
Ion Ratio Lower Upper

165 100

63 1.7 61.4 92.2#

89 1.0 56.0 84.0#

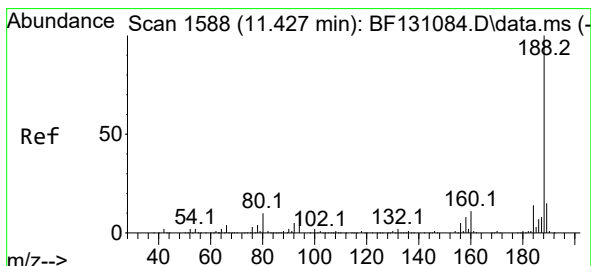
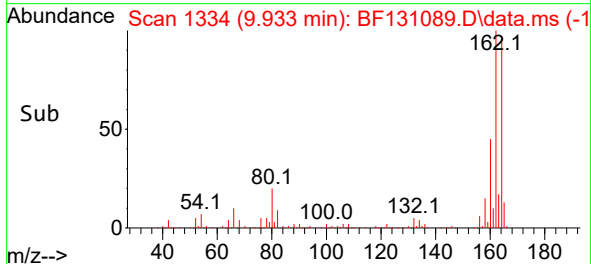
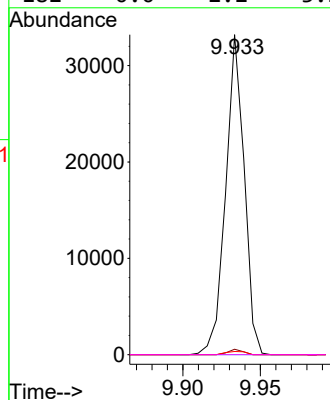
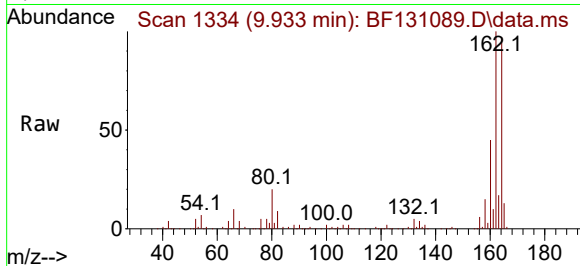




#57
2,4-Dinitrotoluene
Concen: 6.276 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131089.D
Acq: 09 Nov 2022 16:20

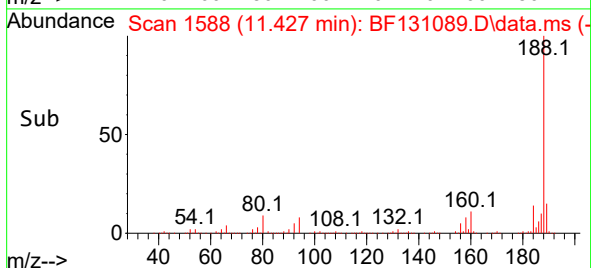
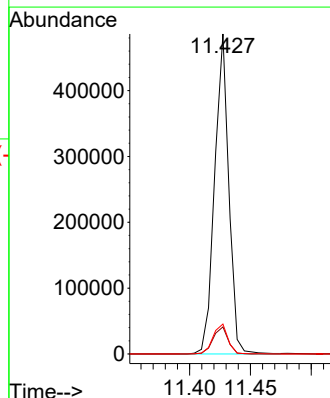
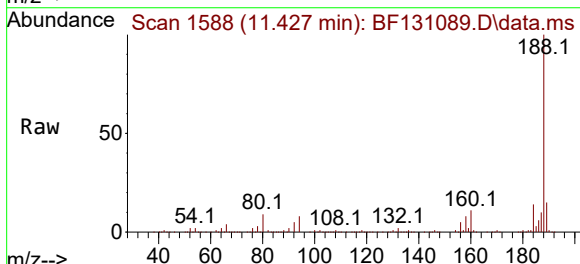
Instrument :
BNA_F
ClientSampleId :
PB148881BL

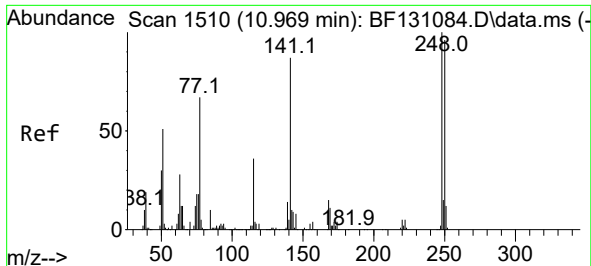
Tgt Ion:165 Resp: 27632
Ion Ratio Lower Upper
165 100
63 1.7 46.9 70.3#
89 1.0 66.9 100.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF131089.D
Acq: 09 Nov 2022 16:20

Tgt Ion:188 Resp: 392296
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.3 7.9 11.9

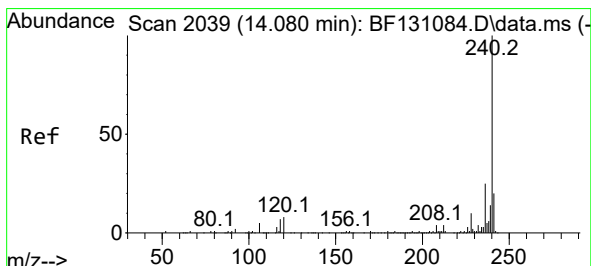
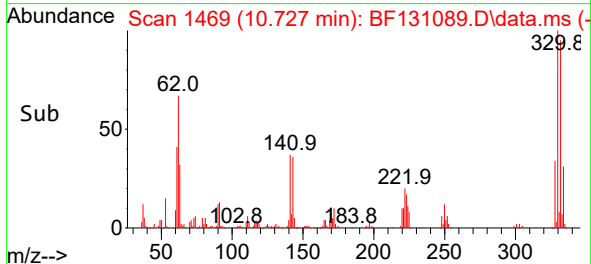
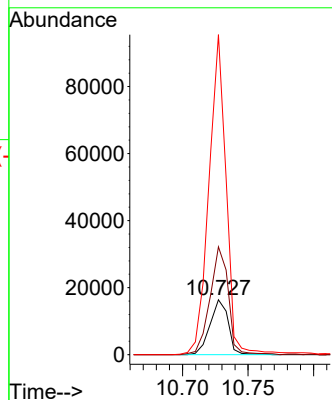
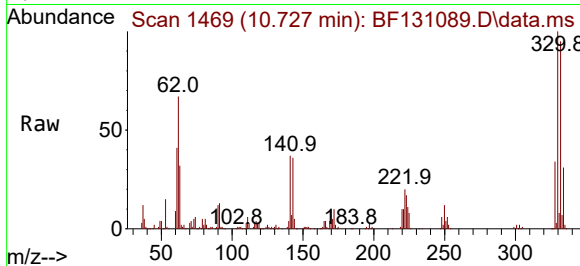




#67
4-Bromophenyl-phenylether
Concen: 3.576 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF131089.D
Acq: 09 Nov 2022 16:20

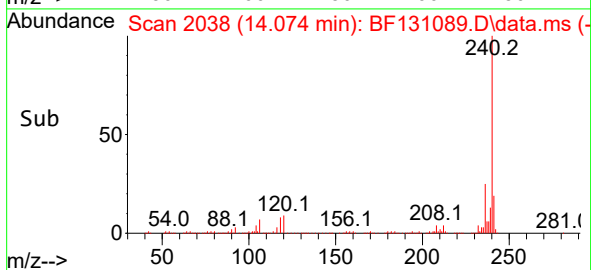
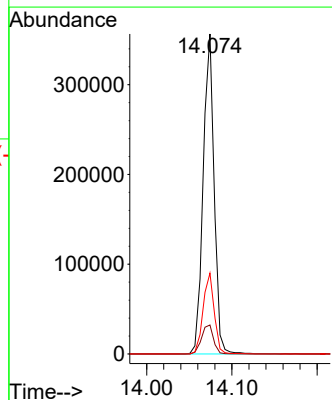
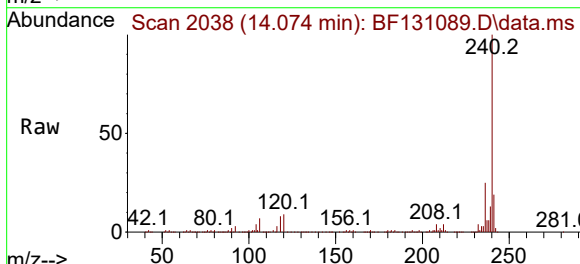
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ClientSampleId :
PB148881BL

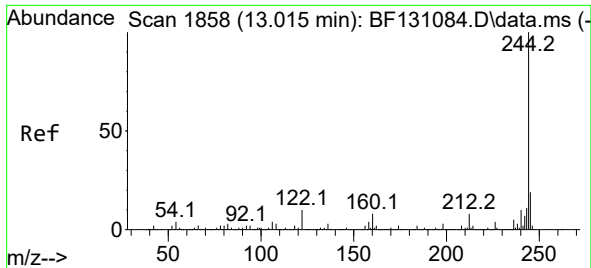
Tgt Ion:248 Resp: 15862
Ion Ratio Lower Upper
248 100
250 196.4 77.0 115.6#
141 582.5 69.7 104.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131089.D
Acq: 09 Nov 2022 16:20

Tgt Ion:240 Resp: 318986
Ion Ratio Lower Upper
240 100
120 9.1 6.5 9.7
236 25.2 19.7 29.5

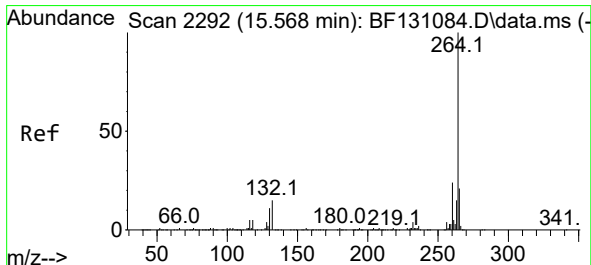
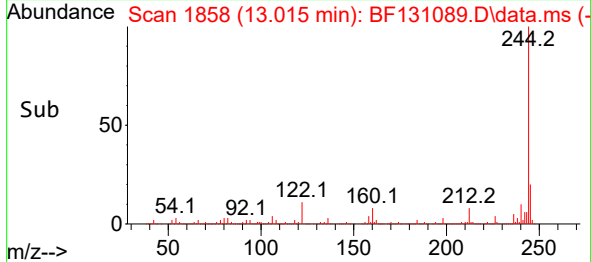
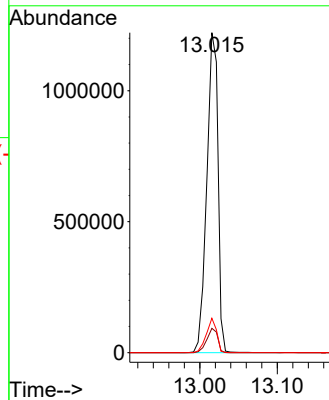
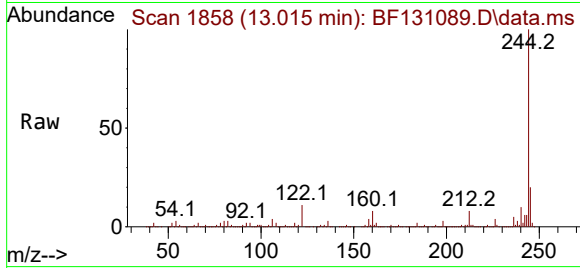




#79
 Terphenyl-d14
 Concen: 67.325 ng
 RT: 13.015 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: BF131089.D
 Acq: 09 Nov 2022 16:20

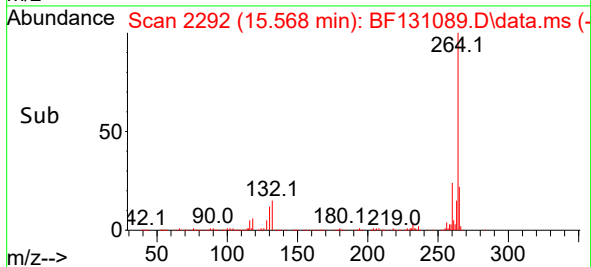
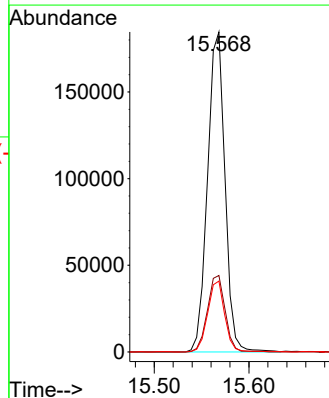
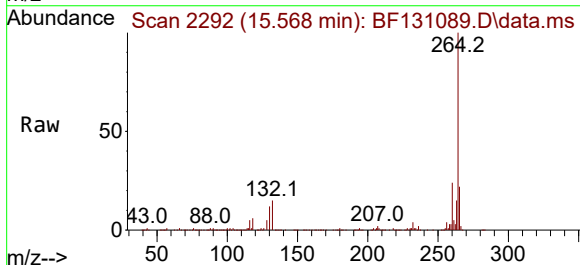
Instrument :
 BNA_F
 ClientSampleId :
 PB148881BL

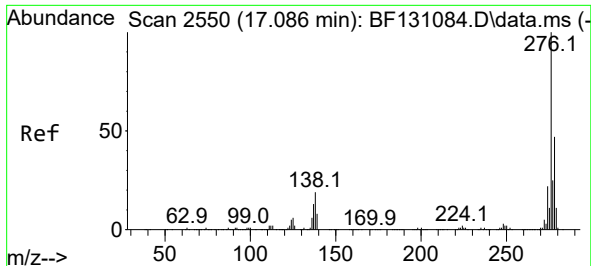
Tgt Ion:244 Resp: 1224856
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 10.7 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF131089.D
 Acq: 09 Nov 2022 16:20

Tgt Ion:264 Resp: 235385
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 22.1 16.7 25.1

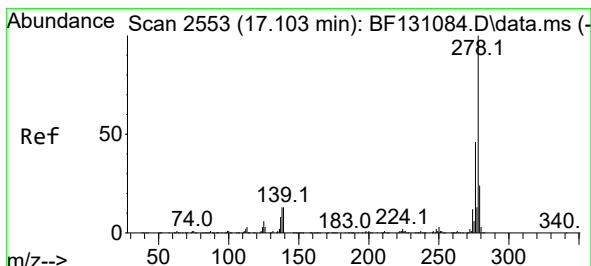
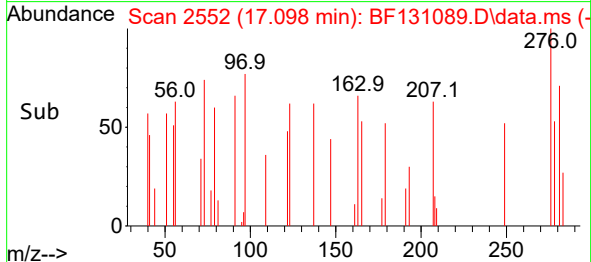
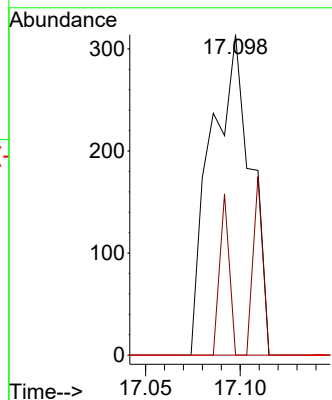
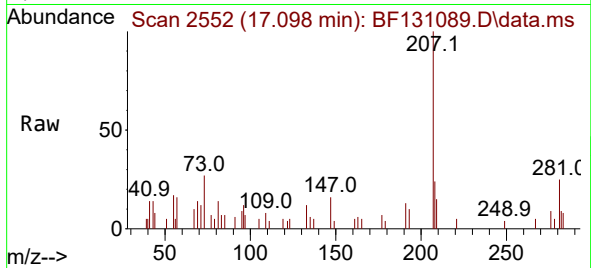




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.887 ng
 RT: 17.098 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF131089.D
 Acq: 09 Nov 2022 16:20

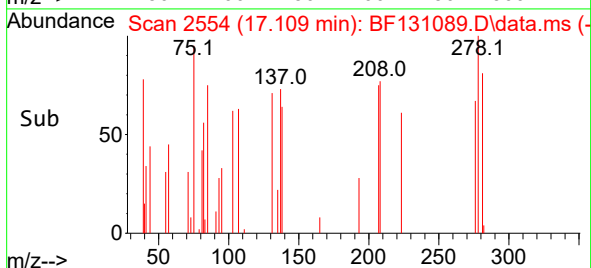
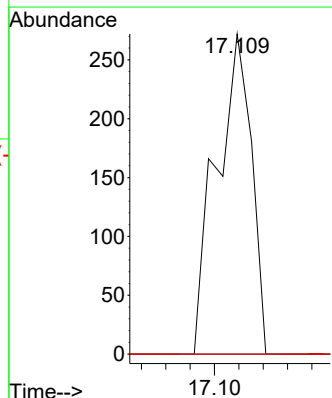
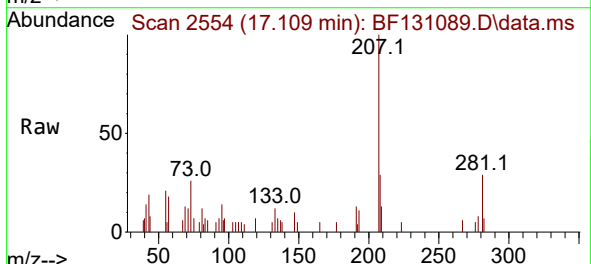
Instrument :
 BNA_F
 ClientSampleId :
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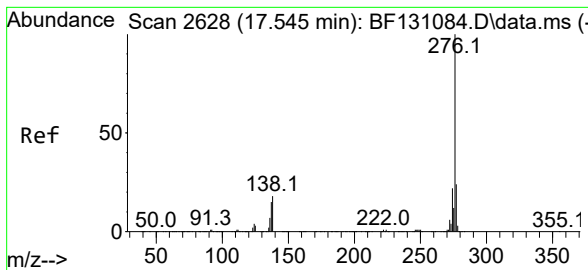
Tgt Ion:276 Resp: 460
 Ion Ratio Lower Upper
 276 100
 138 12.2 16.9 25.3#
 277 0.0 20.3 30.5#



#91
 Dibenzo(a,h)anthracene
 Concen: 3.855 ng
 RT: 17.109 min Scan# 2554
 Delta R.T. 0.006 min
 Lab File: BF131089.D
 Acq: 09 Nov 2022 16:20

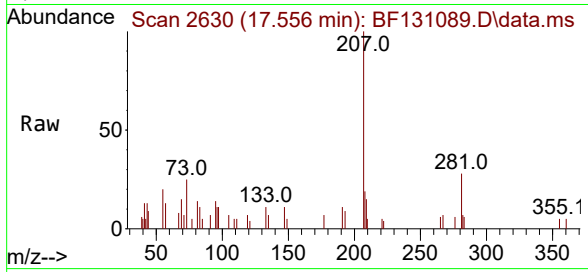
Tgt Ion:278 Resp: 272
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.8 16.2#
 279 0.0 19.2 28.8#





#92
 Benzo(g,h,i)perylene
 Concen: 4.384 ng
 RT: 17.556 min Scan# 20
 Delta R.T. 0.011 min
 Lab File: BF131089.D
 Acq: 09 Nov 2022 16:20

Instrument :
 BNA_F
 ClientSampleId :
 PB148881BL



Tgt Ion:	276	Resp:	331
Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.0	28.4#
138	0.0	14.6	21.8#

