

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131144.D
 Acq On : 11 Nov 2022 02:17
 Operator : CG\JU
 Sample : N5495-04 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-31A

Quant Time: Nov 11 03:13:43 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)

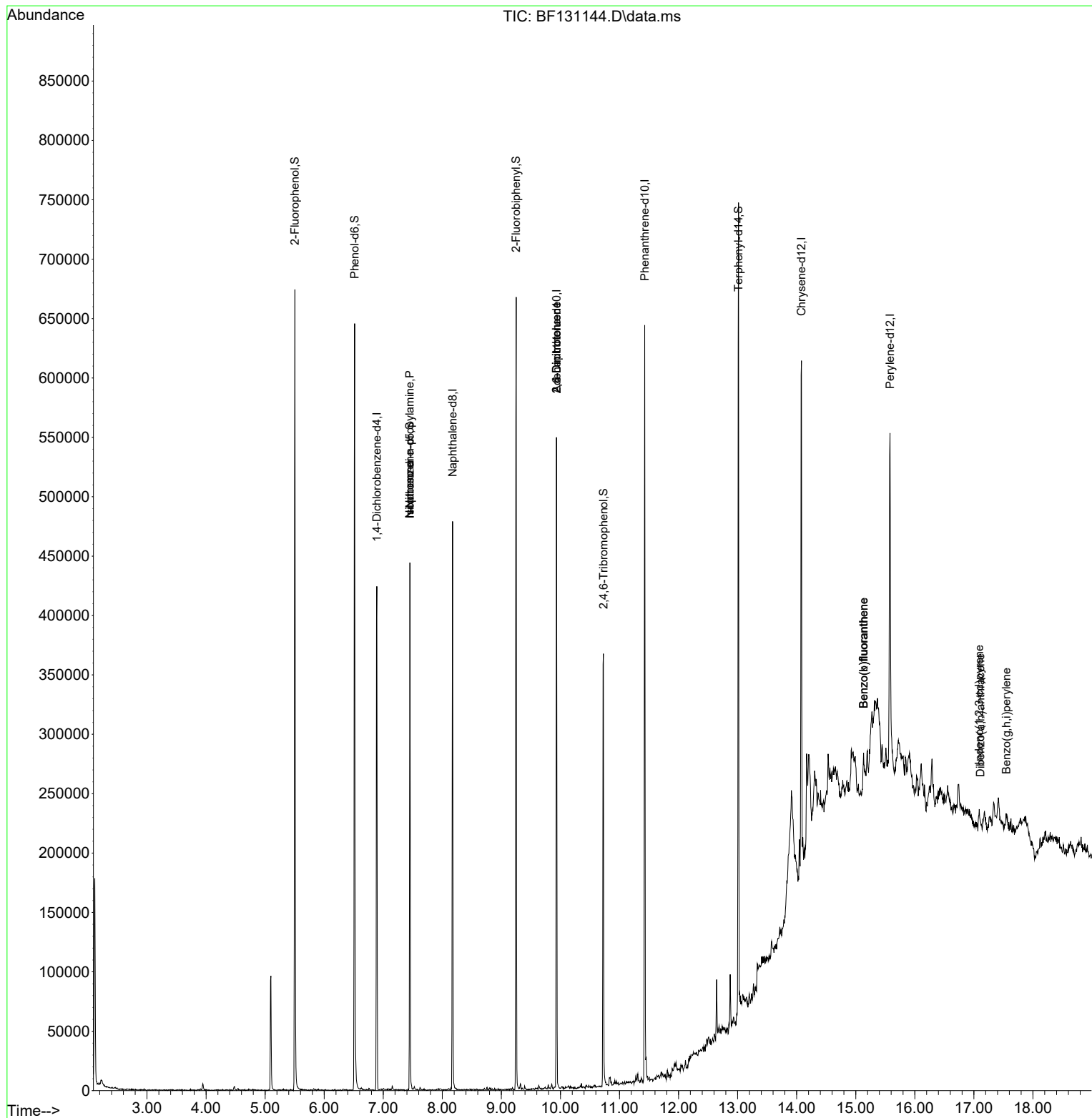
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	57831	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	180102	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	94470	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	202505	20.000	ng	0.00
76) Chrysene-d12	14.080	240	150880	20.000	ng	0.00
86) Perylene-d12	15.580	264	108357	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	157597	46.344	ng	0.00
7) Phenol-d6	6.516	99	184623	41.527	ng	0.00
23) Nitrobenzene-d5	7.451	82	114418	28.664	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	41106	42.103	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	186172	27.510	ng	0.00
79) Terphenyl-d14	13.016	244	213130	24.767	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	15167	5.196	ng	# 79
25) Isophorone	7.451	82	114416	18.538	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	12150	8.227	ng	# 14
57) 2,4-Dinitrotoluene	9.933	165	12150	6.189	ng	# 17
87) Indeno(1,2,3-cd)pyrene	17.092	276	7954	4.690	ng	# 93
88) Benzo(b)fluoranthene	15.133	252	20167	2.632	ng	# 78
89) Benzo(k)fluoranthene	15.133	252	20167	2.739	ng	# 79
91) Dibenzo(a,h)anthracene	17.109	278	2101	4.108	ng	# 27
92) Benzo(g,h,i)perylene	17.551	276	8926	5.431	ng	# 85

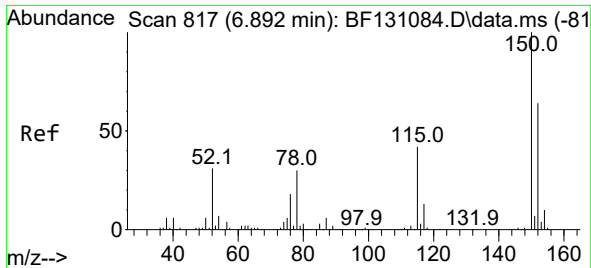
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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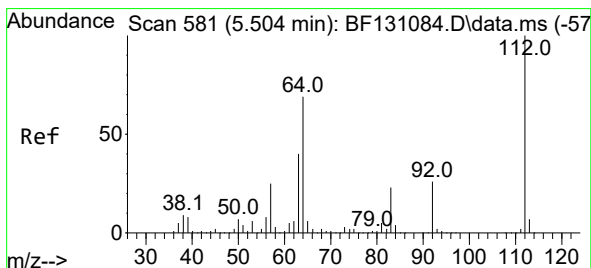
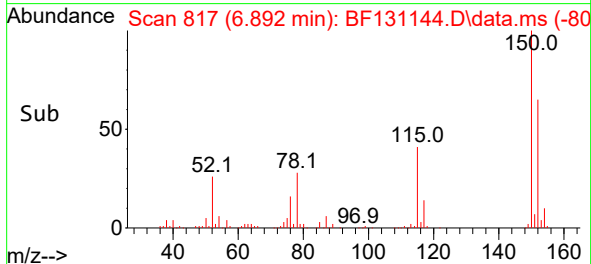
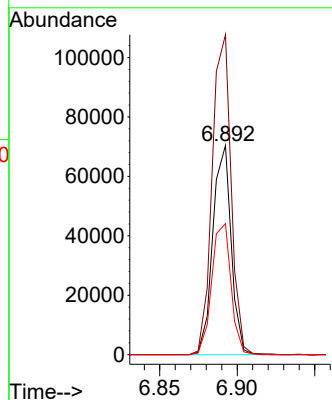
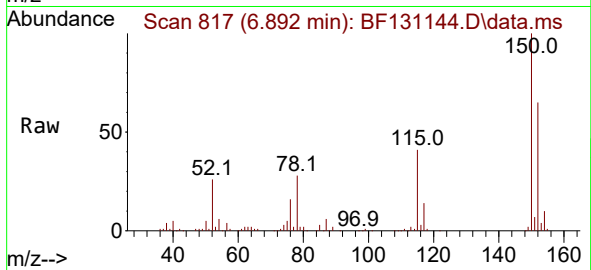




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF131144.D
Acq: 11 Nov 2022 02:17

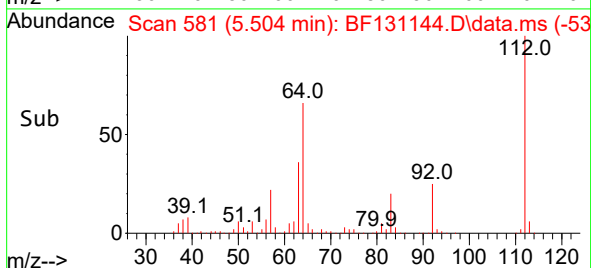
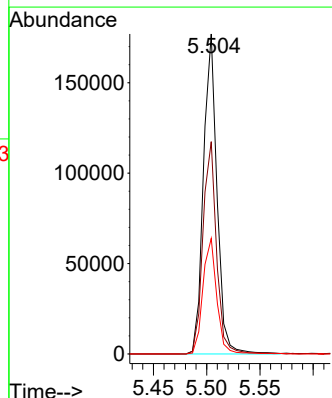
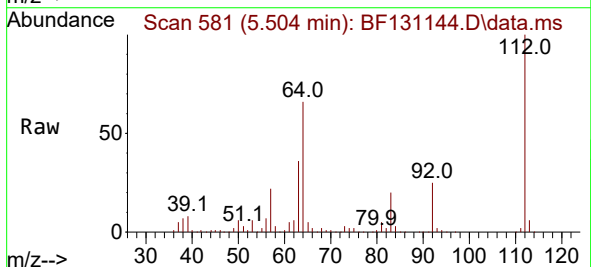
Instrument :
BNA_F
ClientSampleId :
SB-31A

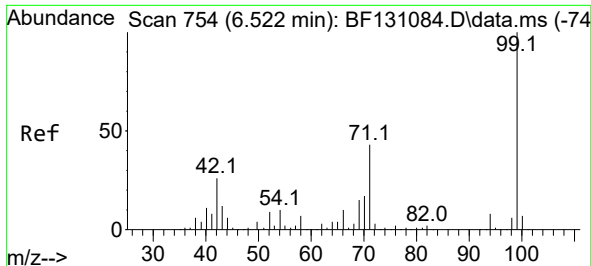
Tgt Ion:152 Resp: 57831
Ion Ratio Lower Upper
152 100
150 152.9 125.5 188.3
115 62.6 52.2 78.2



#5
2-Fluorophenol
Concen: 46.344 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF131144.D
Acq: 11 Nov 2022 02:17

Tgt Ion:112 Resp: 157597
Ion Ratio Lower Upper
112 100
64 66.4 55.1 82.7
63 36.1 32.4 48.6

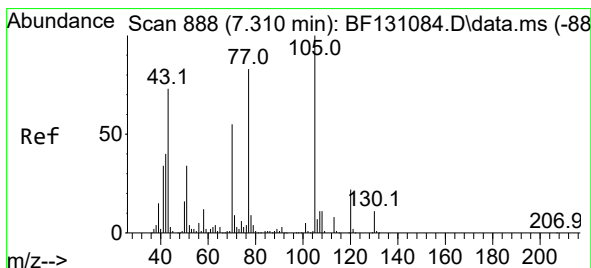
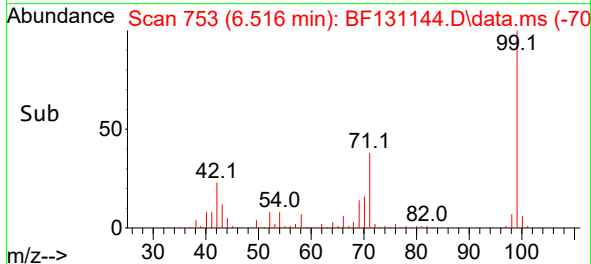
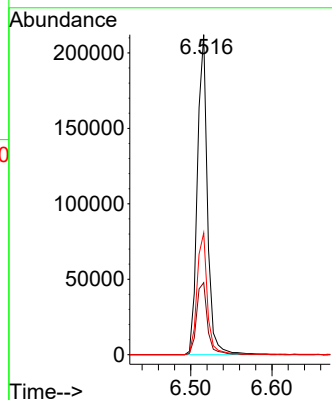
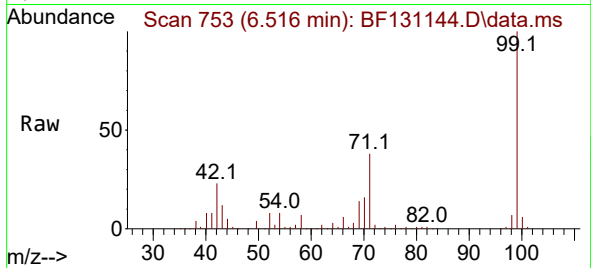




#7
Phenol-d6
Concen: 41.527 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131144.D
Acq: 11 Nov 2022 02:17

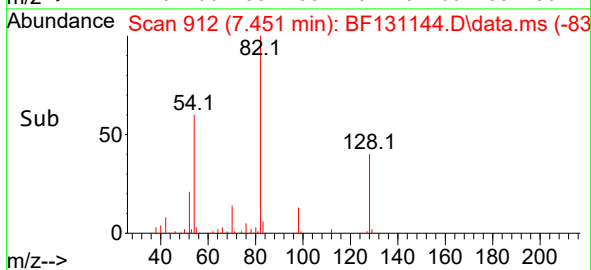
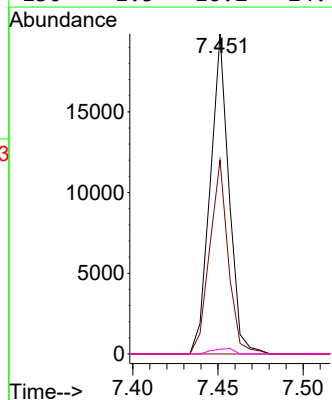
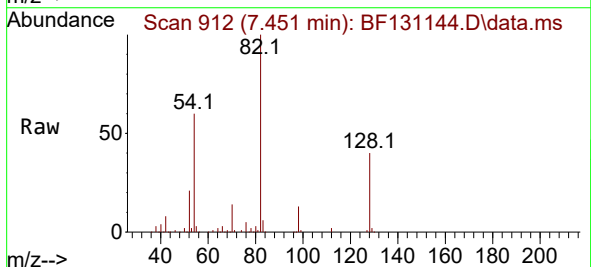
Instrument :
BNA_F
ClientSampleId :
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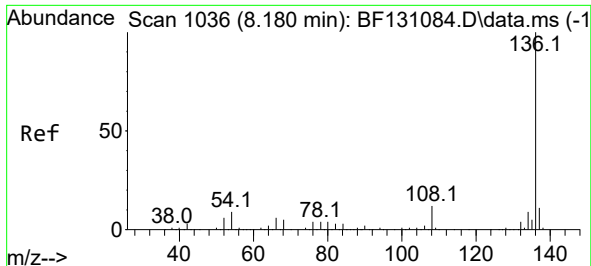
Tgt Ion: 99 Resp: 184623
Ion Ratio Lower Upper
99 100
42 22.5 20.8 31.2
71 38.1 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 5.196 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF131144.D
Acq: 11 Nov 2022 02:17

Tgt Ion: 70 Resp: 15167
Ion Ratio Lower Upper
70 100
42 60.6 58.3 87.5
101 0.0 7.4 11.2#
130 1.5 16.2 24.4#

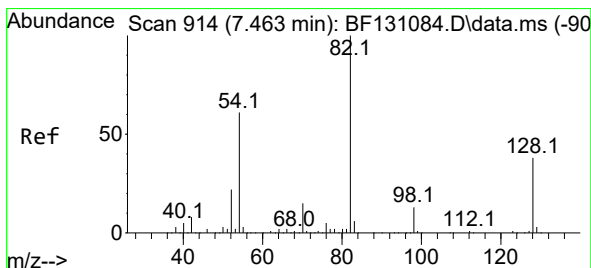
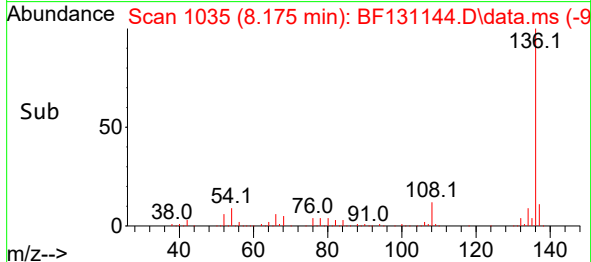
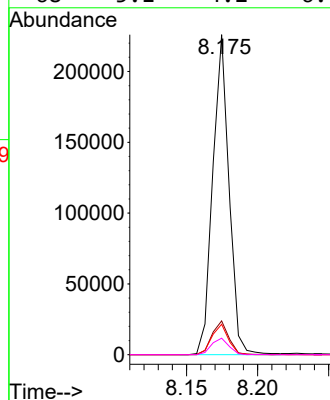
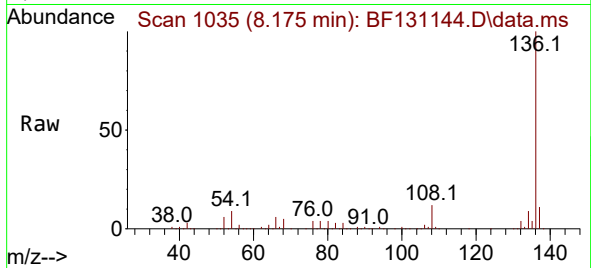




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BF131144.D
Acq: 11 Nov 2022 02:17

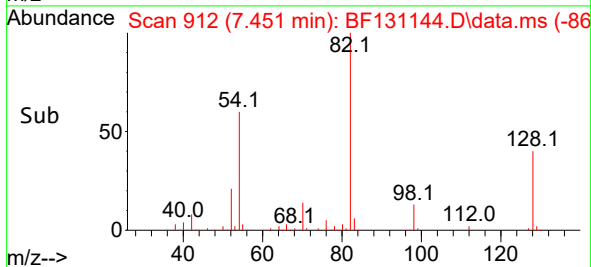
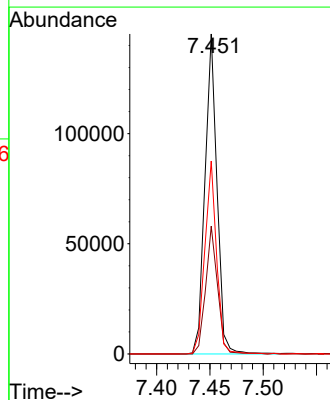
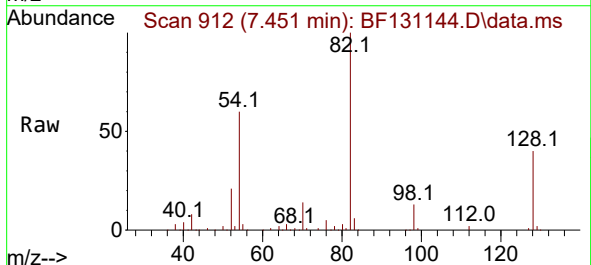
Instrument :
BNA_F
ClientSampleId :
SB-31A

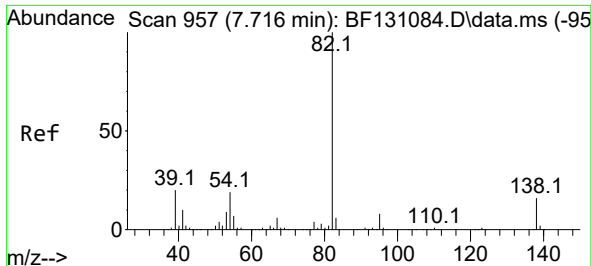
Tgt Ion:136 Resp: 180102
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.5 7.2 10.8
68 5.1 4.2 6.4



#23
Nitrobenzene-d5
Concen: 28.664 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF131144.D
Acq: 11 Nov 2022 02:17

Tgt Ion: 82 Resp: 114418
Ion Ratio Lower Upper
82 100
128 40.0 30.5 45.7
54 60.3 49.1 73.7

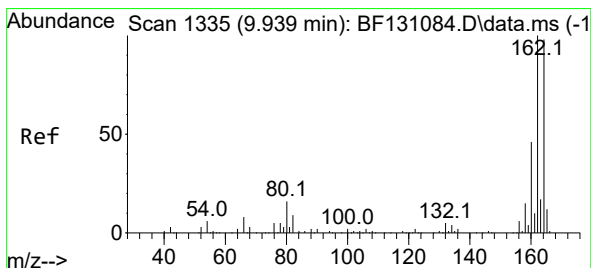
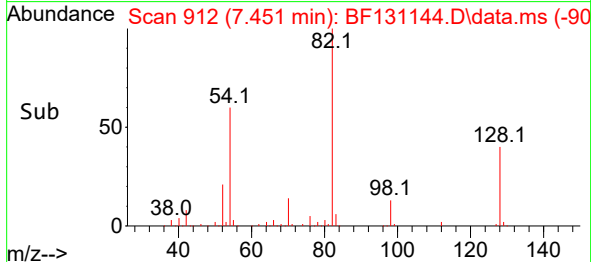
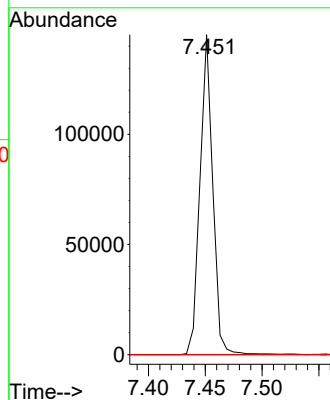
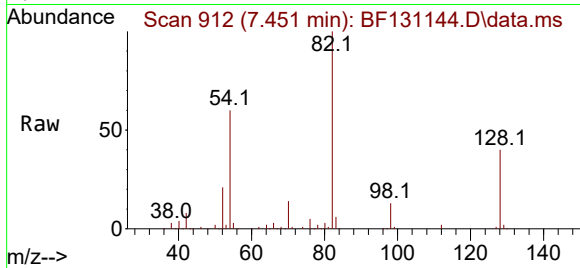




#25
Isophorone
Concen: 18.538 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131144.D
Acq: 11 Nov 2022 02:17

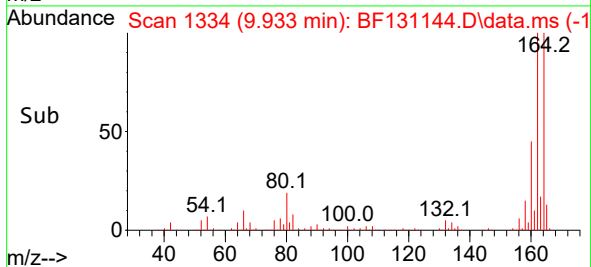
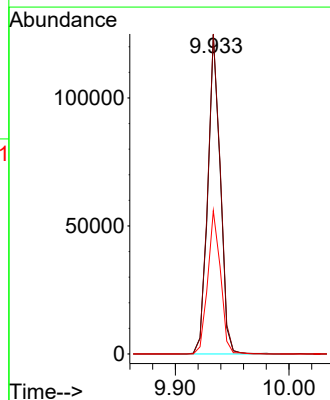
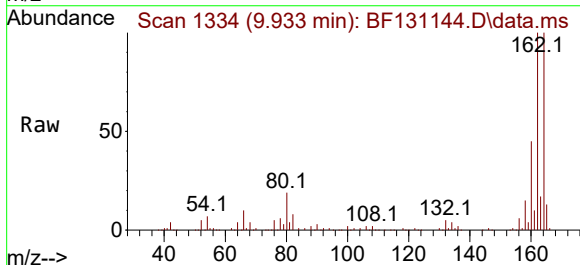
Instrument :
BNA_F
ClientSampleId :
SB-31A

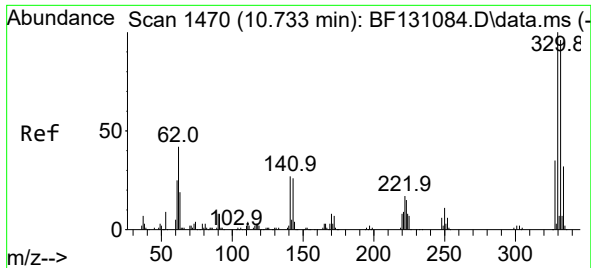
Tgt Ion: 82 Resp: 114416
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131144.D
Acq: 11 Nov 2022 02:17

Tgt Ion:164 Resp: 94470
Ion Ratio Lower Upper
164 100
162 100.2 81.7 122.5
160 44.8 37.4 56.2

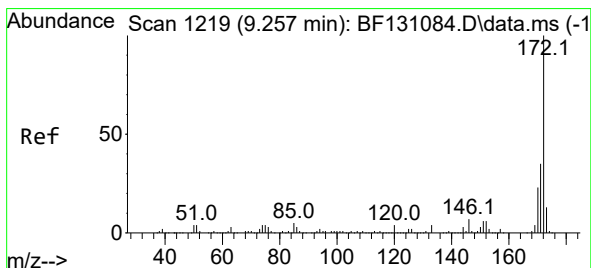
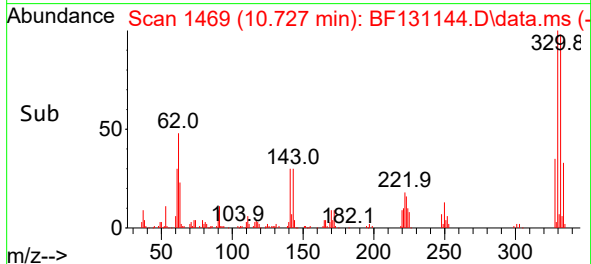
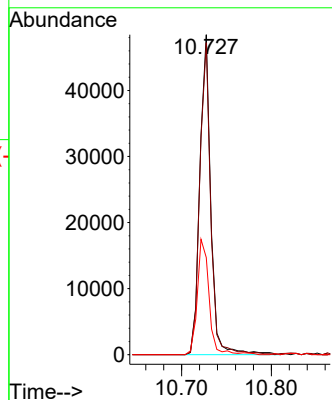
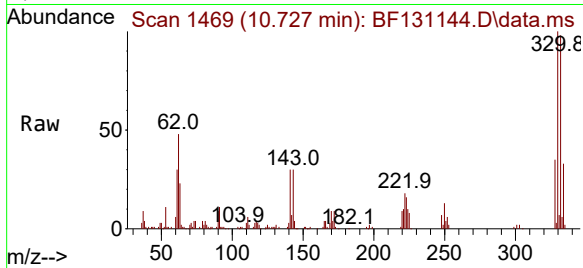




#42
2,4,6-Tribromophenol
Concen: 42.103 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF131144.D
Acq: 11 Nov 2022 02:17

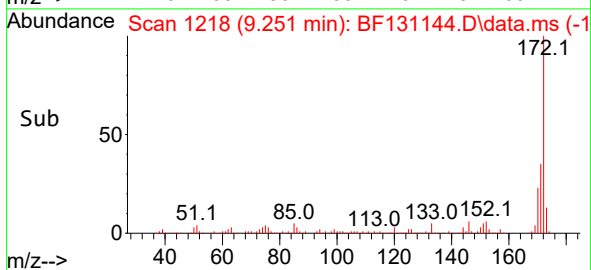
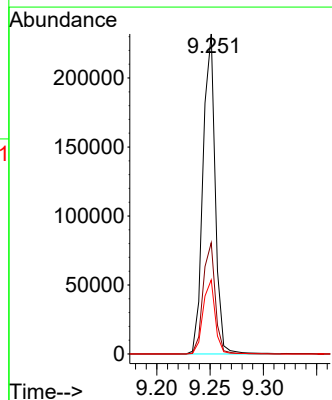
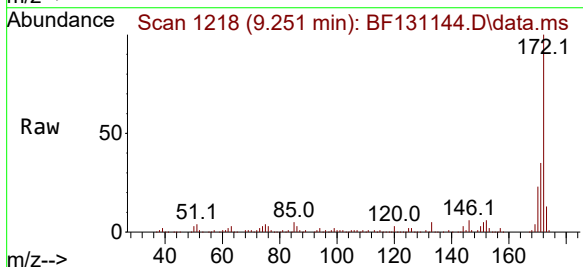
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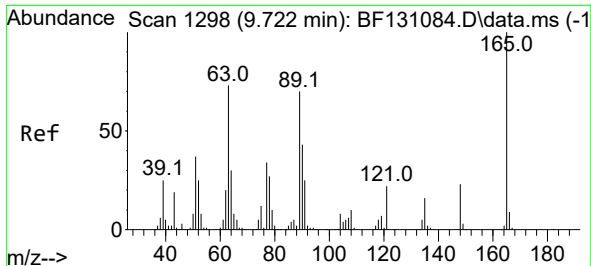
Tgt Ion:330 Resp: 41106
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 38.1 28.5 42.7



#45
2-Fluorobiphenyl
Concen: 27.510 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131144.D
Acq: 11 Nov 2022 02:17

Tgt Ion:172 Resp: 186172
Ion Ratio Lower Upper
172 100
171 34.8 27.7 41.5
170 23.2 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.227 ng

RT: 9.933 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF131144.D

Acq: 11 Nov 2022 02:17

Instrument :

BNA_F

ClientSampleId :

SB-31A

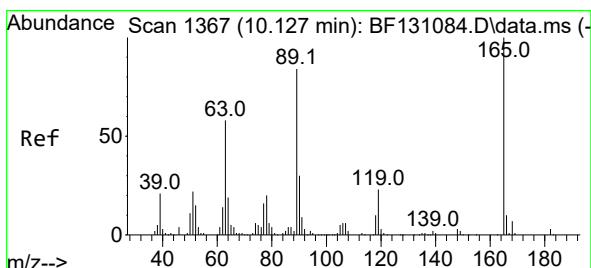
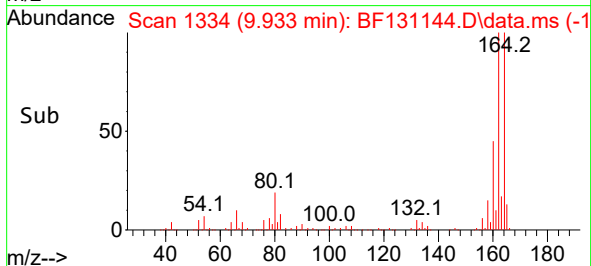
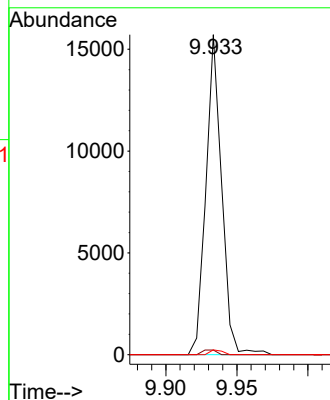
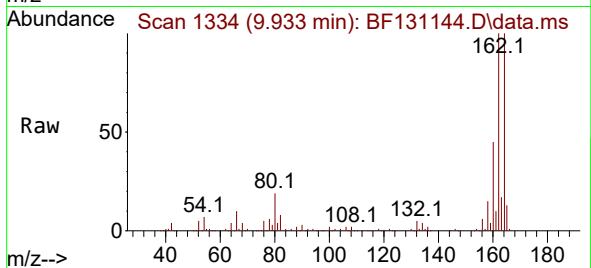
Tgt Ion:165 Resp: 12150

Ion Ratio Lower Upper

165 100

63 1.4 61.4 92.2#

89 1.5 56.0 84.0#



#57

2,4-Dinitrotoluene

Concen: 6.189 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.194 min

Lab File: BF131144.D

Acq: 11 Nov 2022 02:17

Tgt Ion:165 Resp: 12150

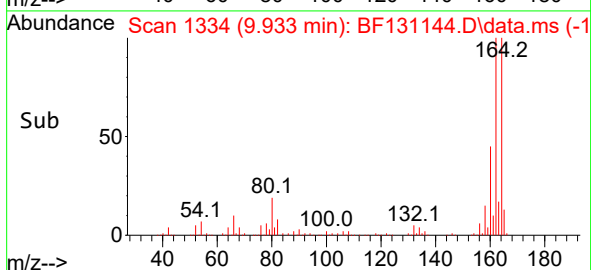
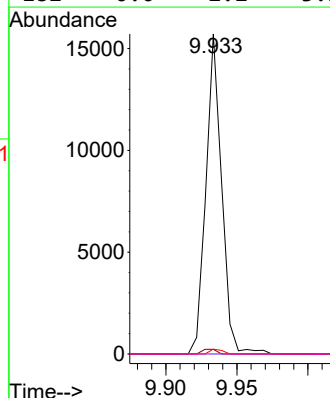
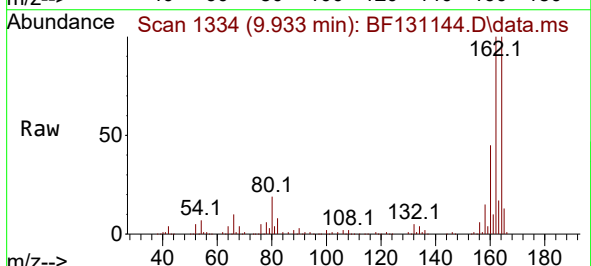
Ion Ratio Lower Upper

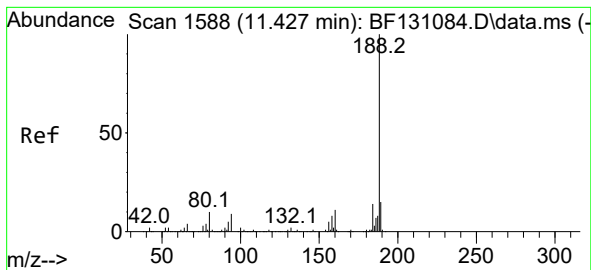
165 100

63 1.4 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: BF131144.D

Acq: 11 Nov 2022 02:17

Instrument :

BNA_F

ClientSampleId :

SB-31A

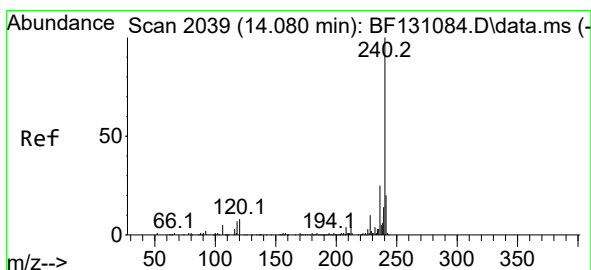
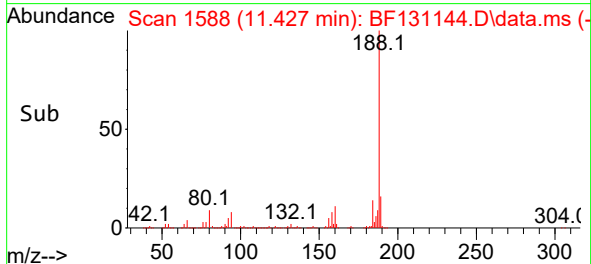
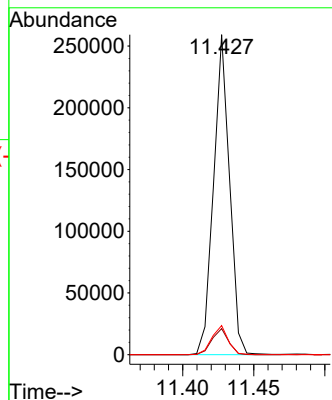
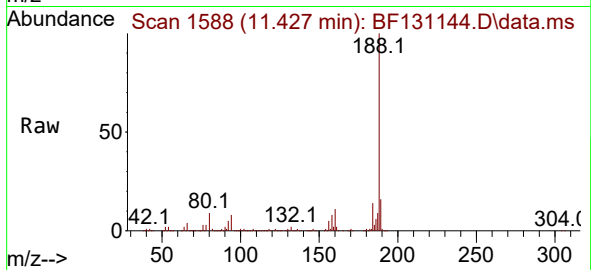
Tgt Ion:188 Resp: 202505

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

80 9.1 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF131144.D

Acq: 11 Nov 2022 02:17

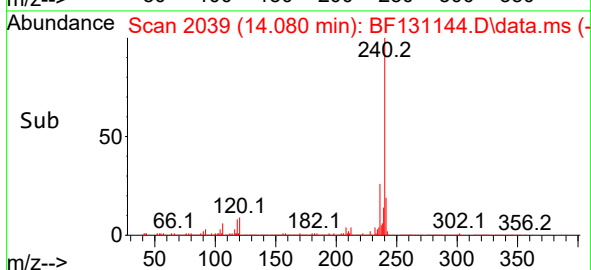
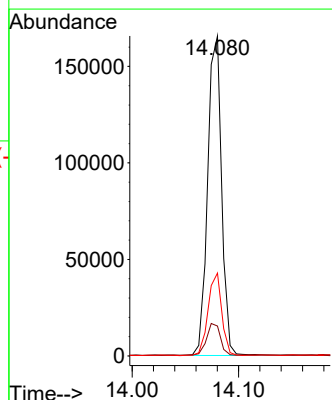
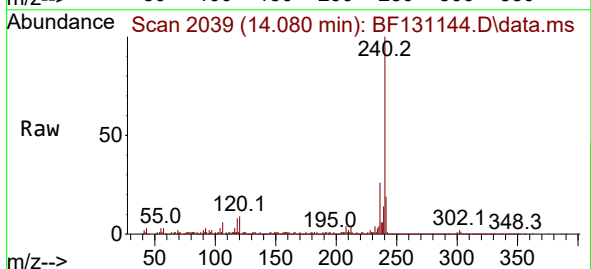
Tgt Ion:240 Resp: 150880

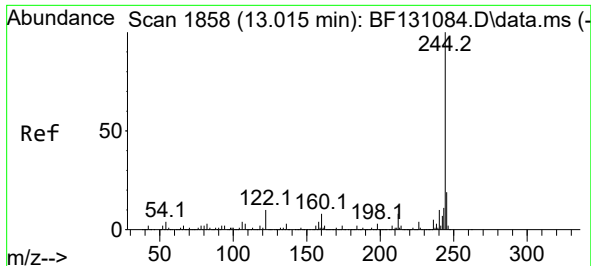
Ion Ratio Lower Upper

240 100

120 9.3 6.5 9.7

236 25.9 19.7 29.5

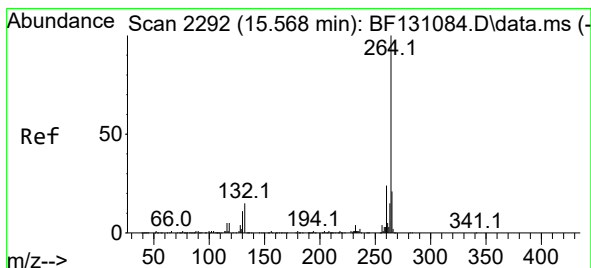
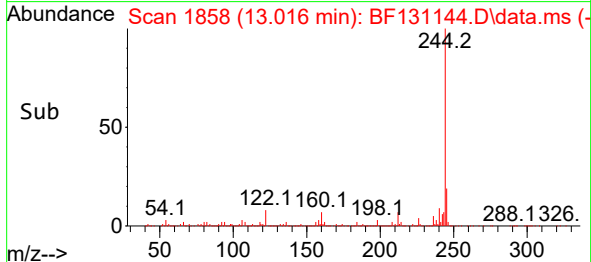
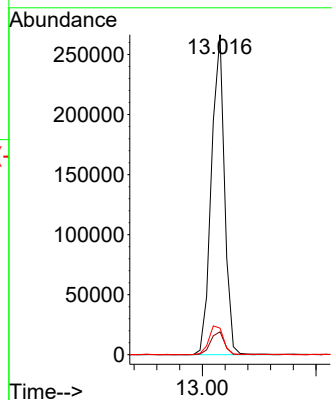
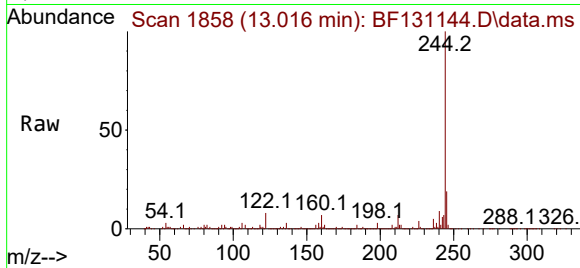




#79
 Terphenyl-d14
 Concen: 24.767 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. 0.001 min
 Lab File: BF131144.D
 Acq: 11 Nov 2022 02:17

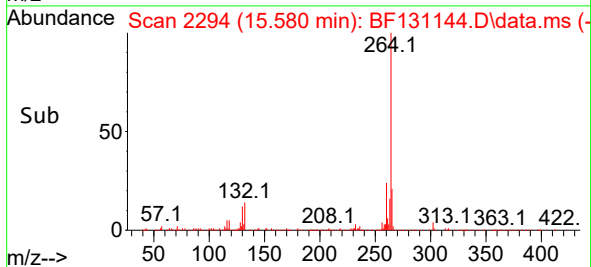
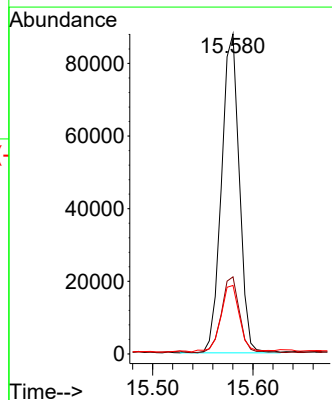
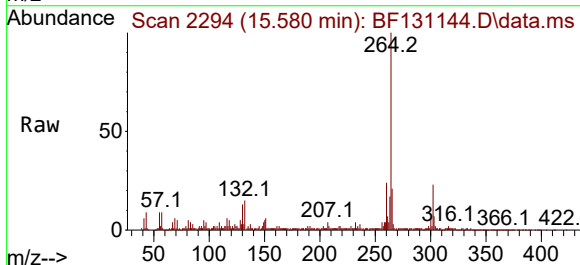
Instrument :
 BNA_F
 ClientSampleId :
 SB-31A

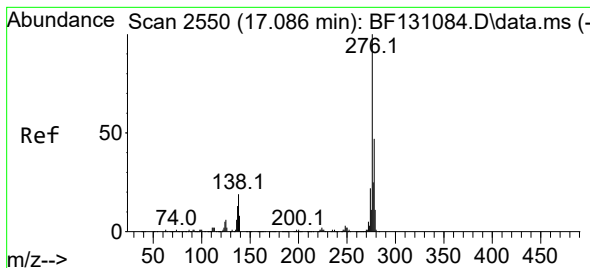
Tgt Ion:244 Resp: 213130
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 8.3 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. 0.012 min
 Lab File: BF131144.D
 Acq: 11 Nov 2022 02:17

Tgt Ion:264 Resp: 108357
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.4 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.690 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131144.D

Acq: 11 Nov 2022 02:17

Instrument :

BNA_F

ClientSampleId :

SB-31A

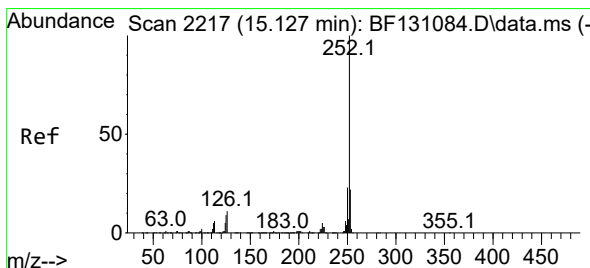
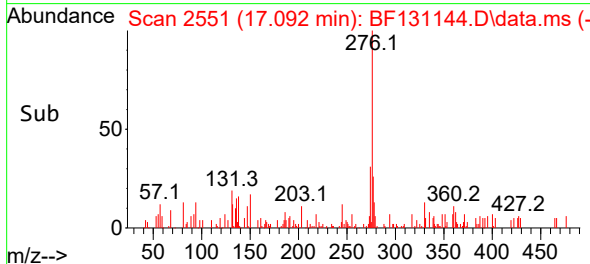
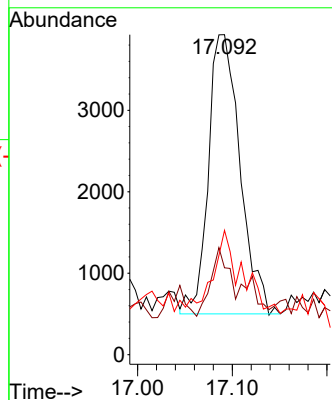
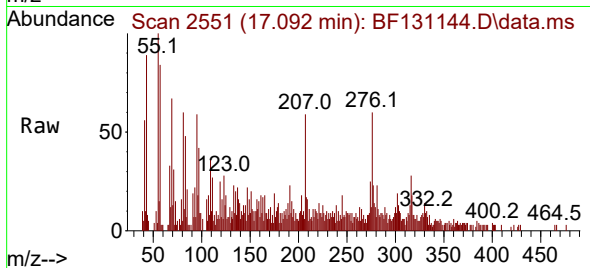
Tgt Ion:276 Resp: 7954

Ion Ratio Lower Upper

276 100

138 14.3 16.9 25.3#

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 2.632 ng

RT: 15.133 min Scan# 2218

Delta R.T. 0.006 min

Lab File: BF131144.D

Acq: 11 Nov 2022 02:17

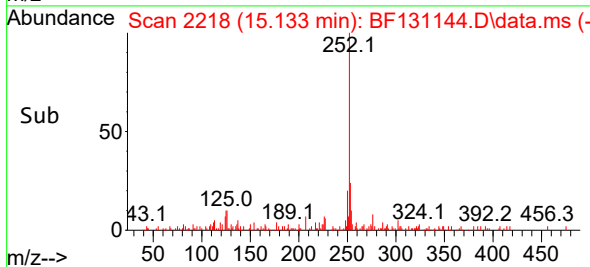
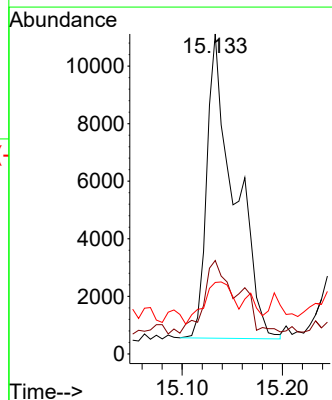
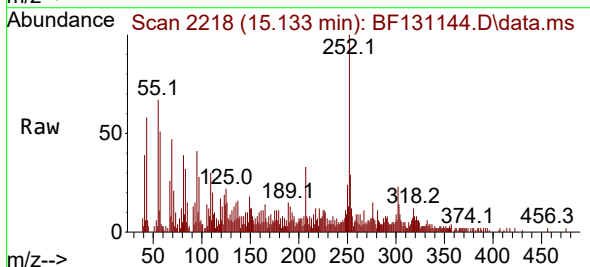
Tgt Ion:252 Resp: 20167

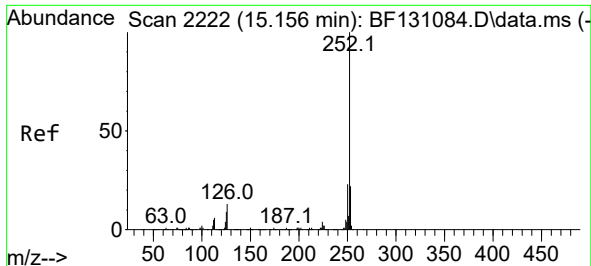
Ion Ratio Lower Upper

252 100

253 29.2 17.3 25.9#

125 22.3 7.2 10.8#

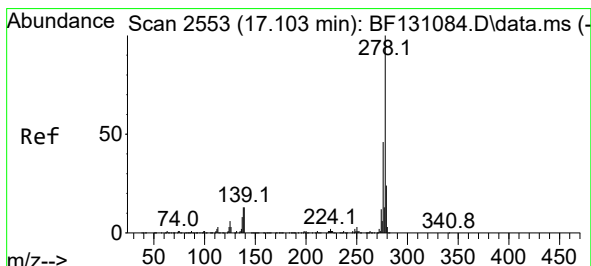
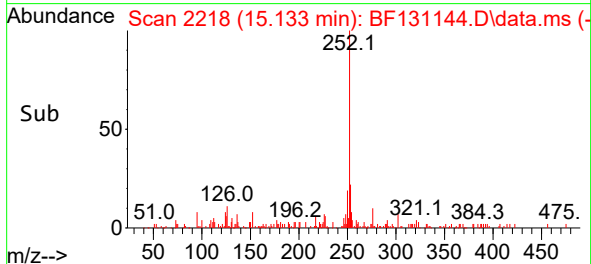
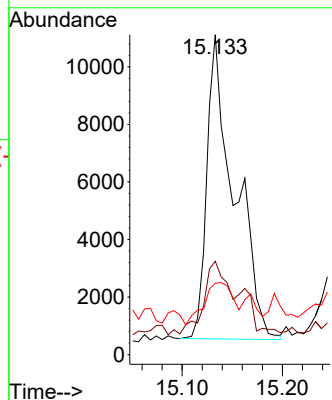
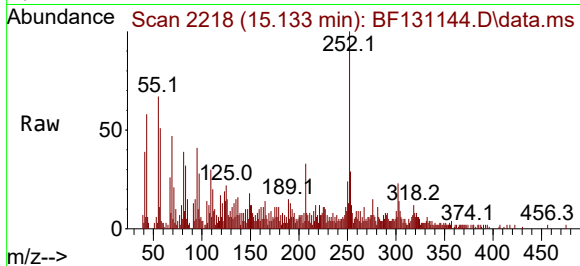




#89
Benzo(k)fluoranthene
Concen: 2.739 ng
RT: 15.133 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF131144.D
Acq: 11 Nov 2022 02:17

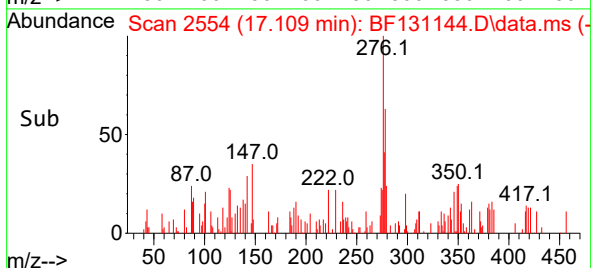
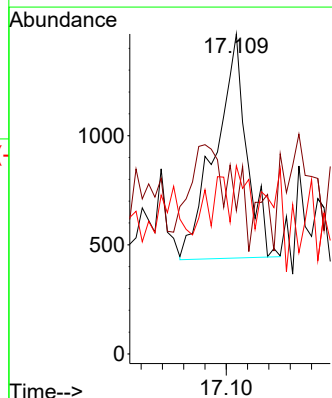
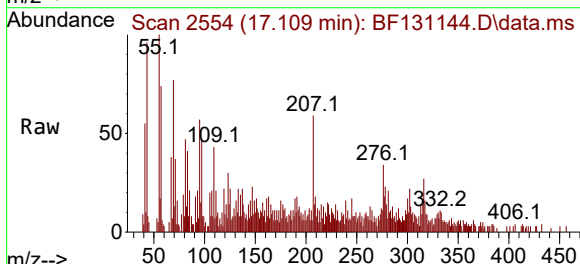
Instrument :
BNA_F
ClientSampleId :
SB-31A

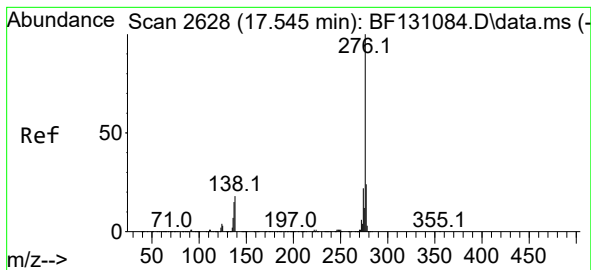
Tgt Ion:252 Resp: 20167
Ion Ratio Lower Upper
252 100
253 29.2 17.6 26.4#
125 22.3 7.5 11.3#



#91
Dibenzo(a,h)anthracene
Concen: 4.108 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.006 min
Lab File: BF131144.D
Acq: 11 Nov 2022 02:17

Tgt Ion:278 Resp: 2101
Ion Ratio Lower Upper
278 100
139 44.8 10.8 16.2#
279 58.8 19.2 28.8#





#92

Benzo(g,h,i)perylene

Concen: 5.431 ng

RT: 17.551 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF131144.D

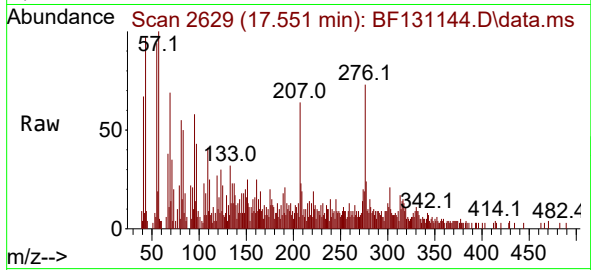
Acq: 11 Nov 2022 02:17

Instrument :

BNA_F

ClientSampleId :

SB-31A



Tgt Ion:276 Resp: 8926

Ion Ratio Lower Upper

276 100

277 32.6 19.0 28.4#

138 22.8 14.6 21.8#

