

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131119.D
 Acq On : 10 Nov 2022 12:52
 Operator : CG\JU
 Sample : N5494-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16

Quant Time: Nov 11 00:46:43 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)

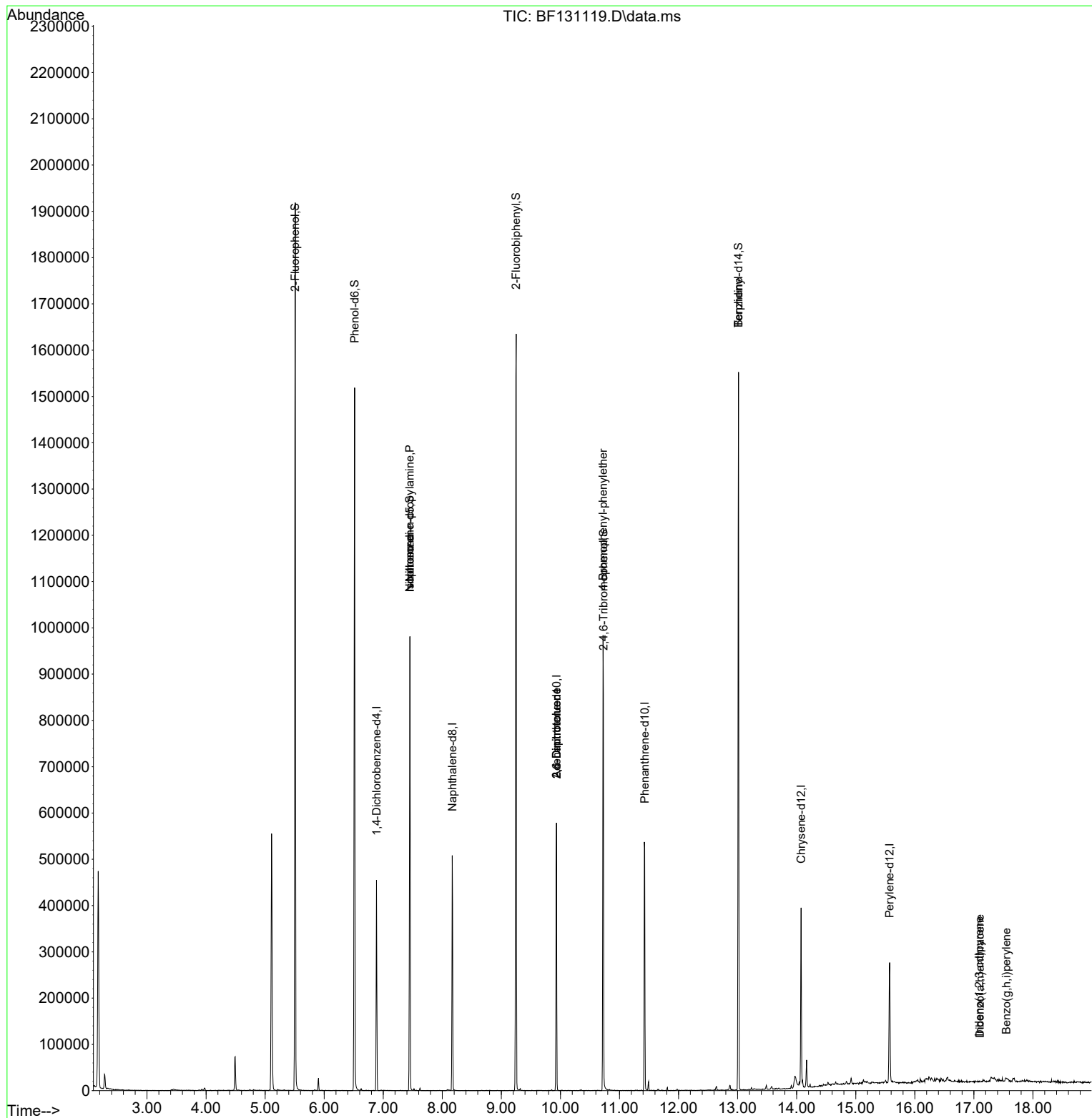
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	55951	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	206677	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	111421	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	201928	20.000	ng	0.00
76) Chrysene-d12	14.074	240	120325	20.000	ng	0.00
86) Perylene-d12	15.574	264	117090	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	452186	137.441	ng	0.00
7) Phenol-d6	6.516	99	437462	101.704	ng	0.00
23) Nitrobenzene-d5	7.451	82	283693	61.932	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	110949	96.351	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	516704	64.737	ng	0.00
79) Terphenyl-d14	13.016	244	498775	72.679	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	40174	14.225	ng	# 75
25) Isophorone	7.451	82	283688	40.053	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	14603	8.384	ng	# 14
57) 2,4-Dinitrotoluene	9.933	165	14603	6.307	ng	# 16
67) 4-Bromophenyl-phenylether	10.722	248	7132	3.123	ng	# 1
77) Benzidine	13.016	184	7657	2.157	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.092	276	827	3.944	ng	# 61
91) Dibenzo(a,h)anthracene	17.104	278	116	3.853	ng	# 57
92) Benzo(g,h,i)perylene	17.551	276	1009	4.477	ng	# 60

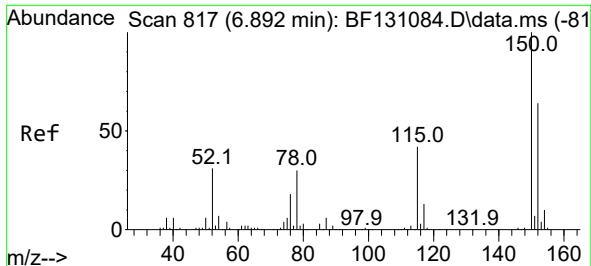
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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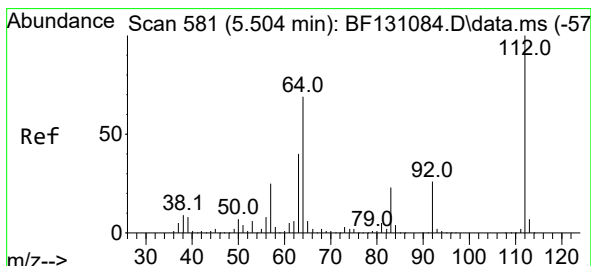
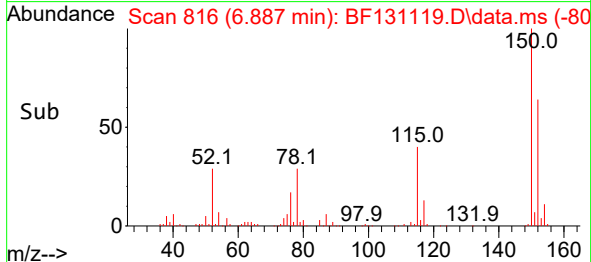
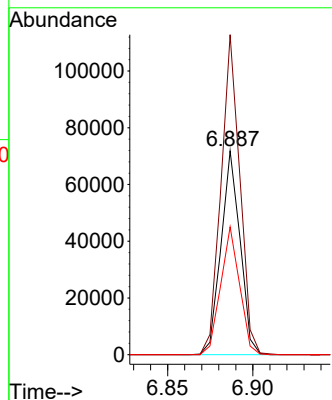
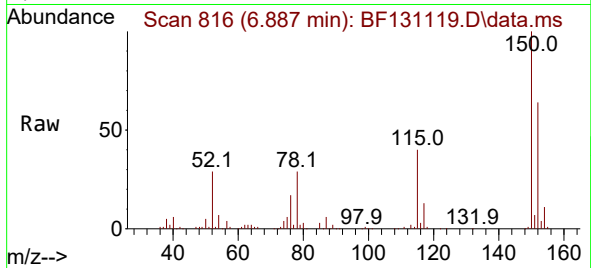




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131119.D
Acq: 10 Nov 2022 12:52

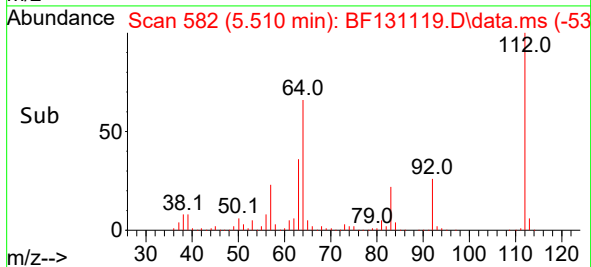
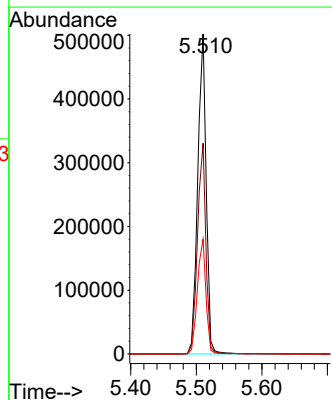
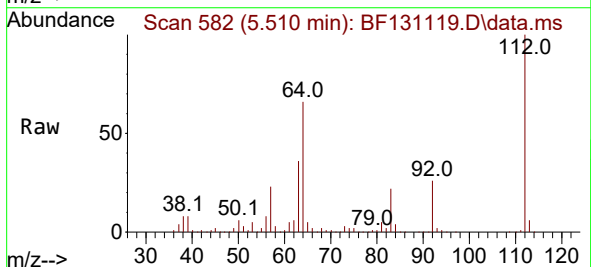
Instrument :
BNA_F
ClientSampleId :
SB-16

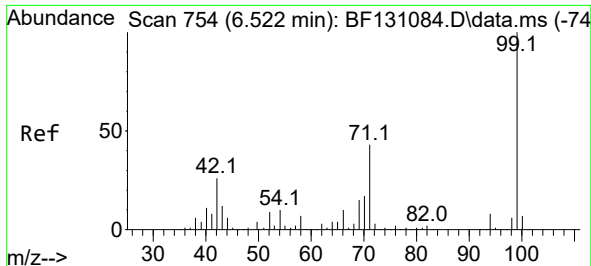
Tgt Ion:152 Resp: 55951
Ion Ratio Lower Upper
152 100
150 156.9 125.5 188.3
115 62.7 52.2 78.2



#5
2-Fluorophenol
Concen: 137.441 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131119.D
Acq: 10 Nov 2022 12:52

Tgt Ion:112 Resp: 452186
Ion Ratio Lower Upper
112 100
64 65.9 55.1 82.7
63 35.9 32.4 48.6

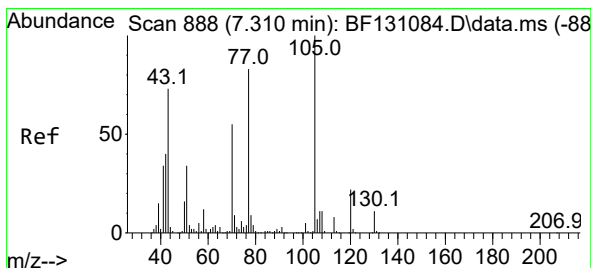
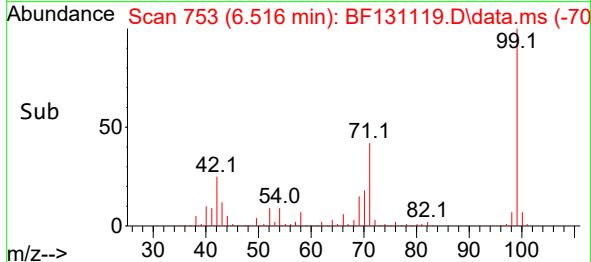
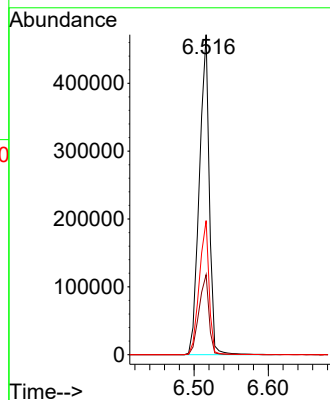
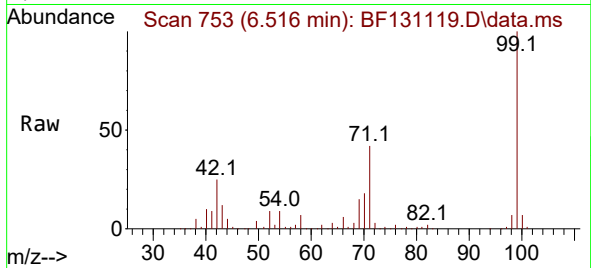




#7
Phenol-d6
Concen: 101.704 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131119.D
Acq: 10 Nov 2022 12:52

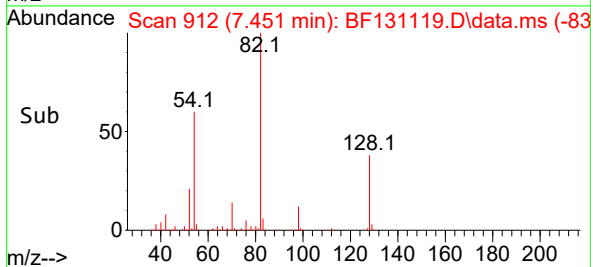
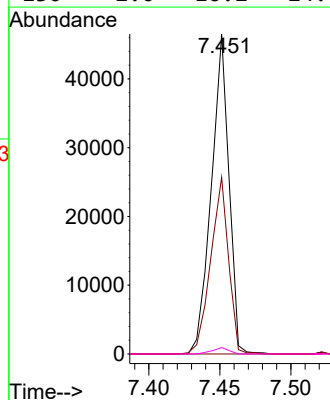
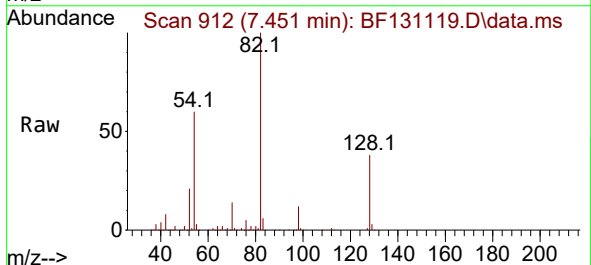
Instrument :
BNA_F
ClientSampleId :
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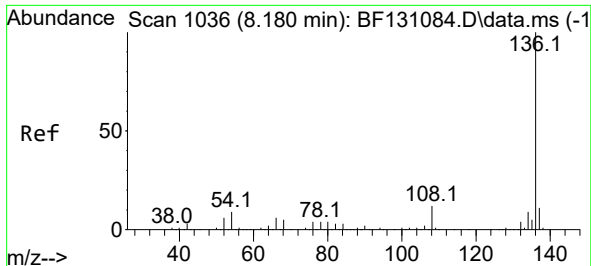
Tgt Ion: 99 Resp: 437462
Ion Ratio Lower Upper
99 100
42 25.0 20.8 31.2
71 41.9 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.225 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF131119.D
Acq: 10 Nov 2022 12:52

Tgt Ion: 70 Resp: 40174
Ion Ratio Lower Upper
70 100
42 55.2 58.3 87.5#
101 0.0 7.4 11.2#
130 2.0 16.2 24.4#

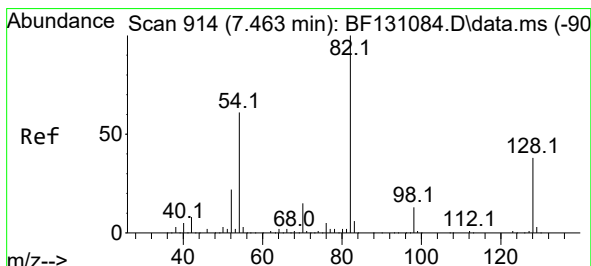
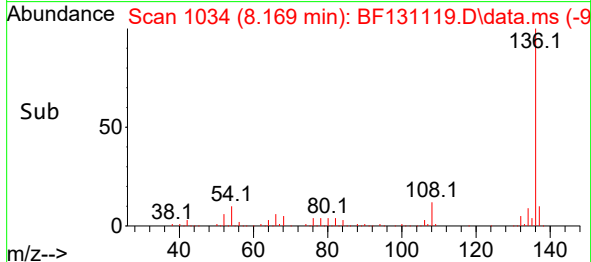
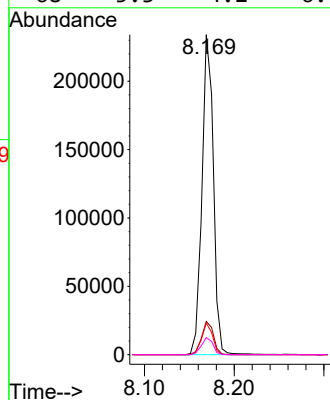
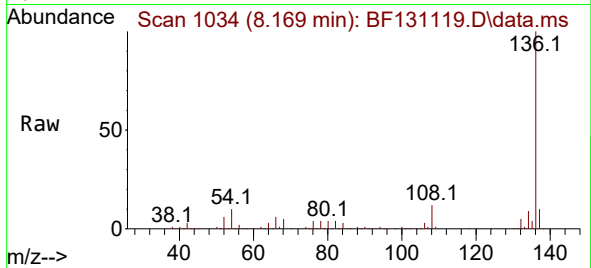




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF131119.D
Acq: 10 Nov 2022 12:52

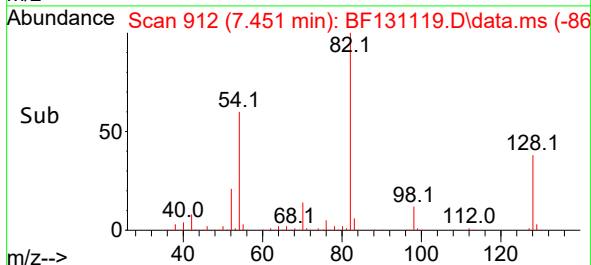
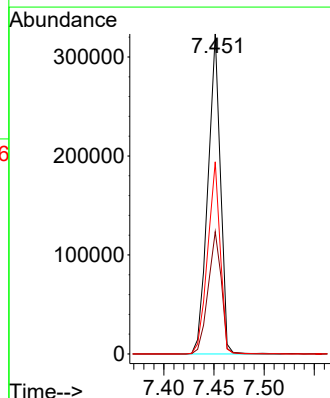
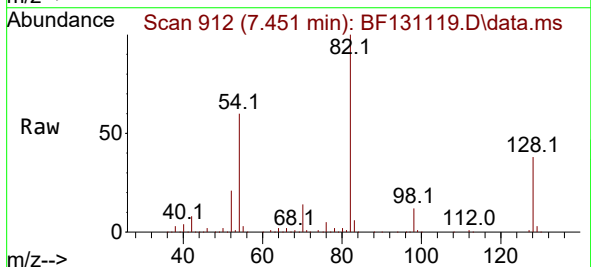
Instrument :
BNA_F
ClientSampleId :
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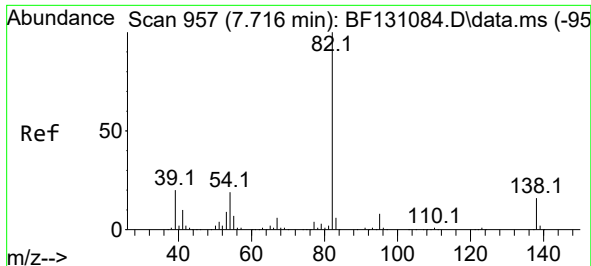
Tgt Ion:136 Resp: 206677
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 9.9 7.2 10.8
68 5.3 4.2 6.4



#23
Nitrobenzene-d5
Concen: 61.932 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF131119.D
Acq: 10 Nov 2022 12:52

Tgt Ion: 82 Resp: 283693
Ion Ratio Lower Upper
82 100
128 38.2 30.5 45.7
54 60.0 49.1 73.7

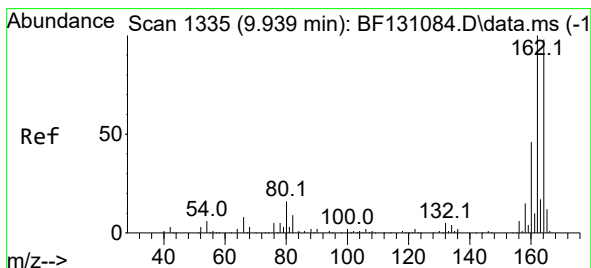
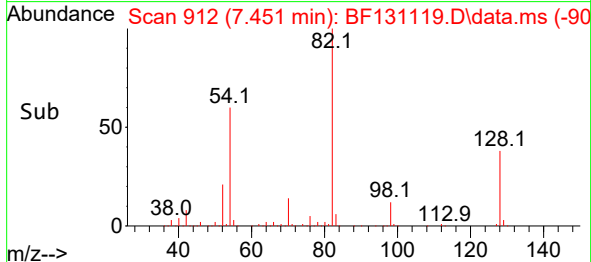
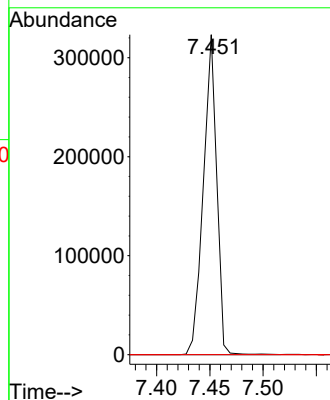
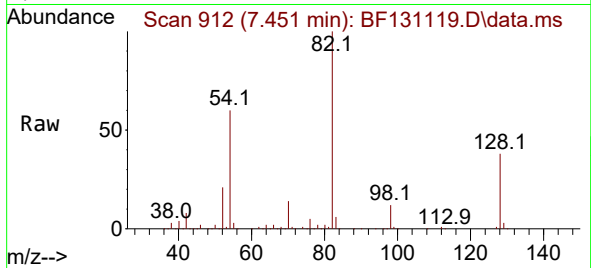




#25
Isophorone
Concen: 40.053 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131119.D
Acq: 10 Nov 2022 12:52

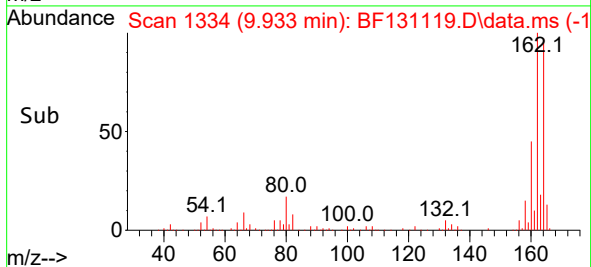
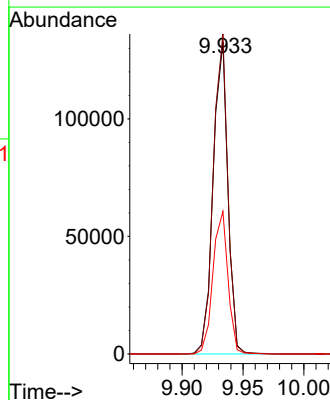
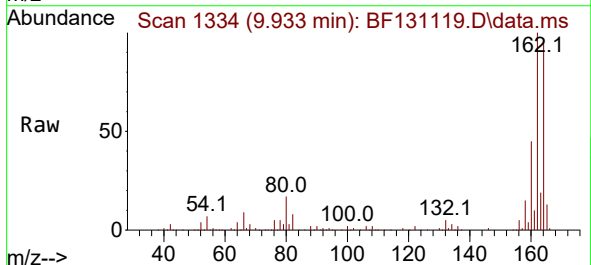
Instrument :
BNA_F
ClientSampleId :
SB-16

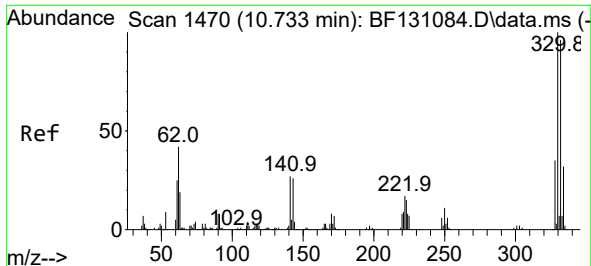
Tgt Ion: 82 Resp: 283688
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131119.D
Acq: 10 Nov 2022 12:52

Tgt Ion:164 Resp: 111421
Ion Ratio Lower Upper
164 100
162 102.6 81.7 122.5
160 45.7 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 96.351 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131119.D

Acq: 10 Nov 2022 12:52

Instrument :

BNA_F

ClientSampleId :

SB-16

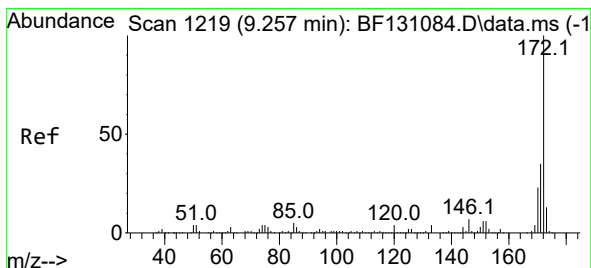
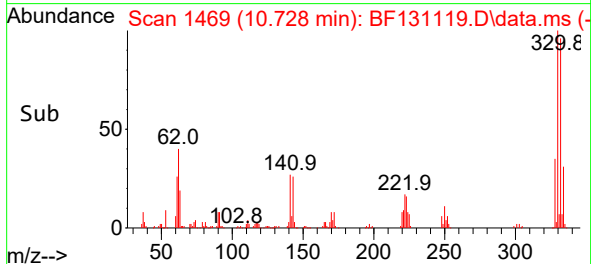
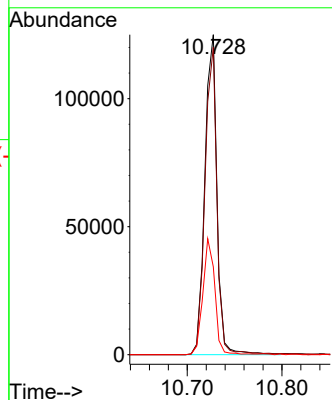
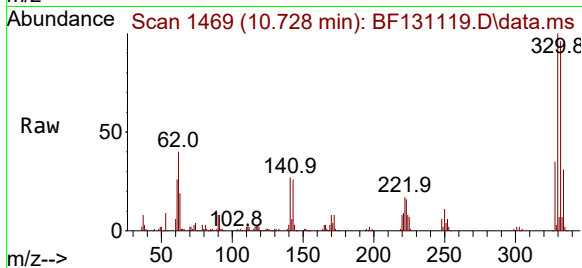
Tgt Ion:330 Resp: 110949

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.4

141 36.0 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 64.737 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131119.D

Acq: 10 Nov 2022 12:52

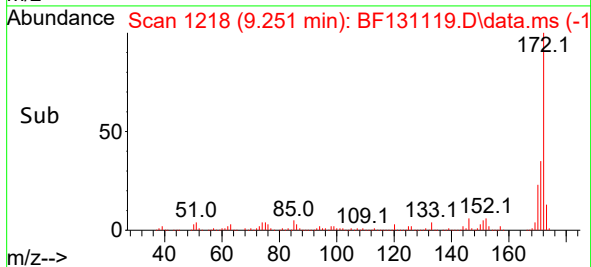
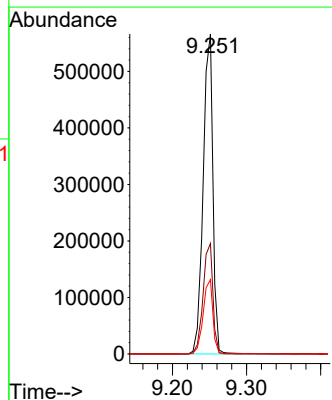
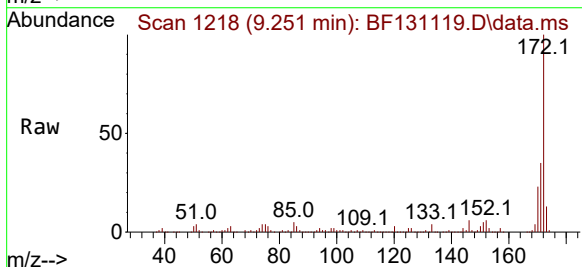
Tgt Ion:172 Resp: 516704

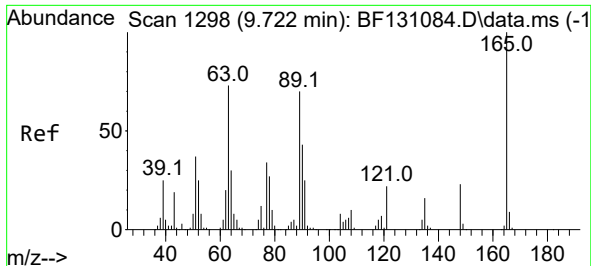
Ion Ratio Lower Upper

172 100

171 34.5 27.7 41.5

170 23.2 18.8 28.2

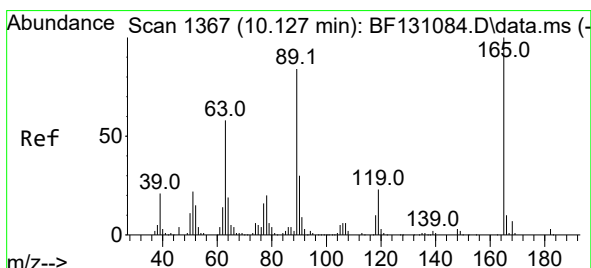
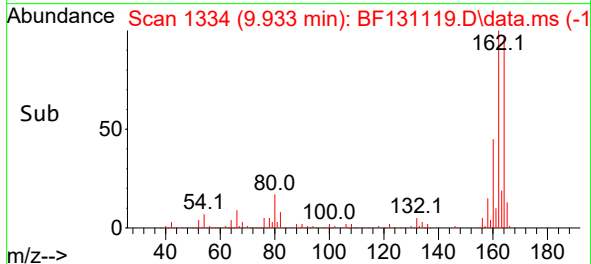
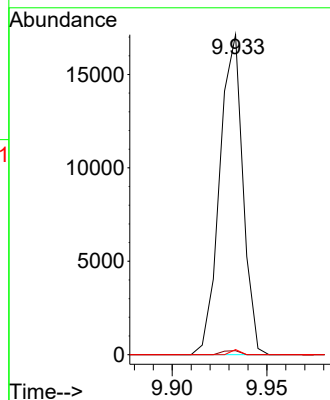
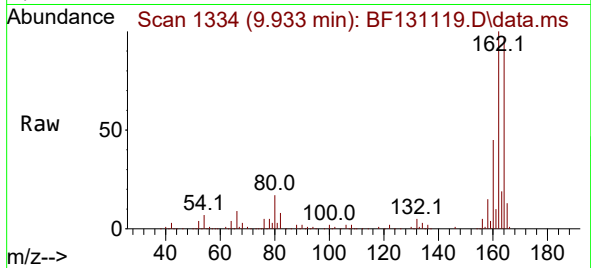




#51
2,6-Dinitrotoluene
Concen: 8.384 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF131119.D
Acq: 10 Nov 2022 12:52

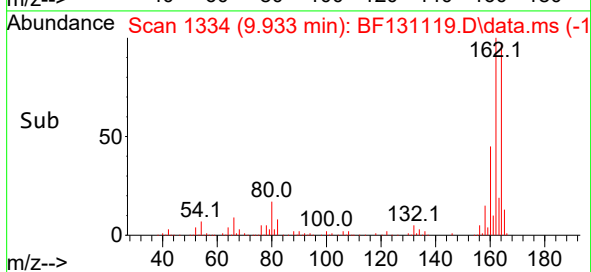
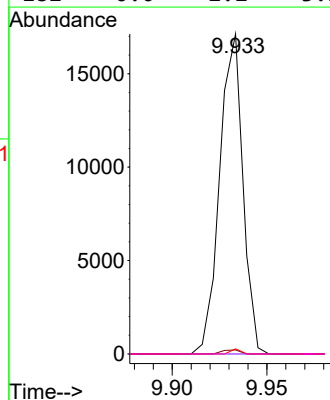
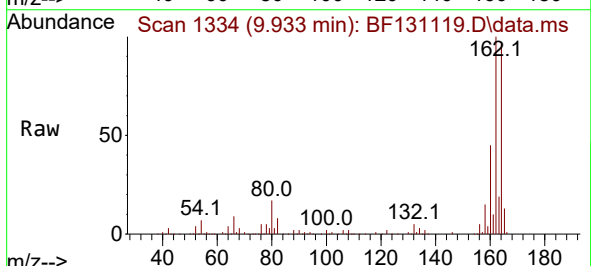
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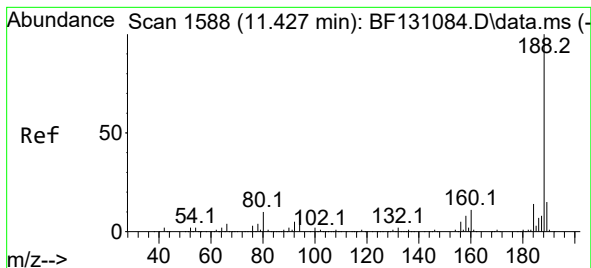
Tgt Ion:165 Resp: 14603
Ion Ratio Lower Upper
165 100
63 1.3 61.4 92.2#
89 1.6 56.0 84.0#



#57
2,4-Dinitrotoluene
Concen: 6.307 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131119.D
Acq: 10 Nov 2022 12:52

Tgt Ion:165 Resp: 14603
Ion Ratio Lower Upper
165 100
63 1.3 46.9 70.3#
89 1.6 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: BF131119.D

Acq: 10 Nov 2022 12:52

Instrument :

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ClientSampleId :

SB-16

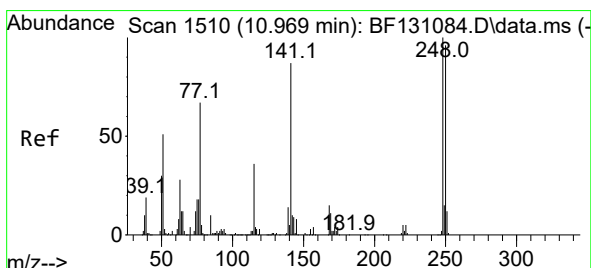
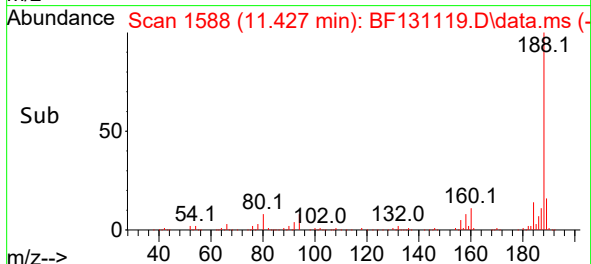
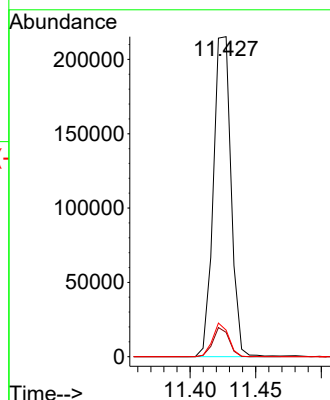
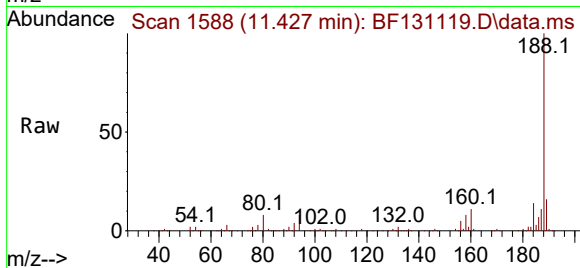
Tgt Ion:188 Resp: 201928

Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.6

80 8.3 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 3.123 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.247 min

Lab File: BF131119.D

Acq: 10 Nov 2022 12:52

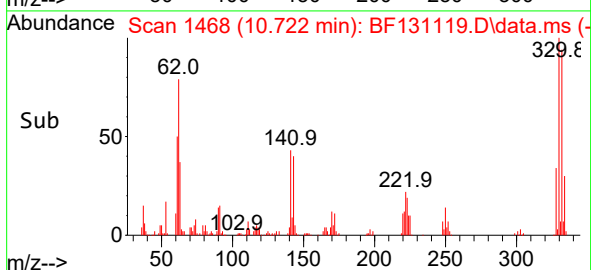
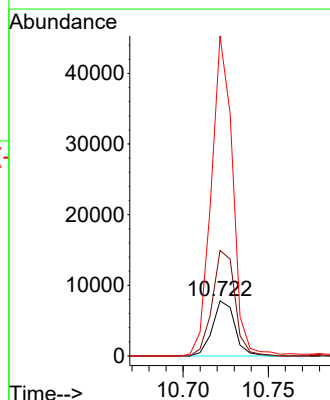
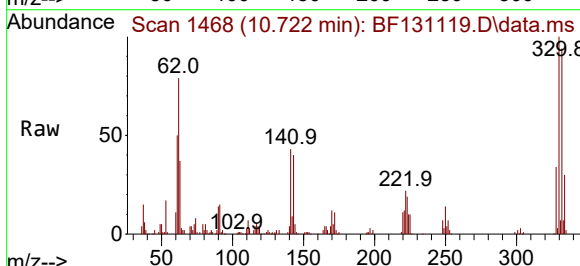
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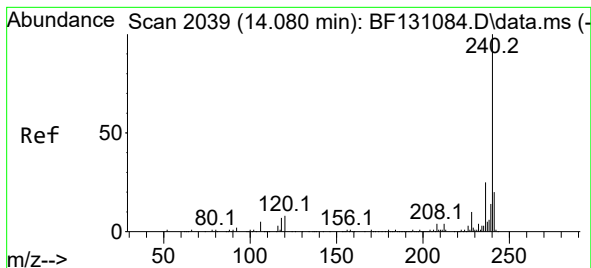
Ion Ratio Lower Upper

248 100

250 191.7 77.0 115.6#

141 581.8 69.7 104.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF131119.D

Acq: 10 Nov 2022 12:52

Instrument :

BNA_F

ClientSampleId :

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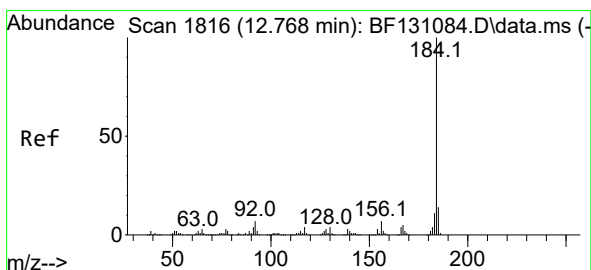
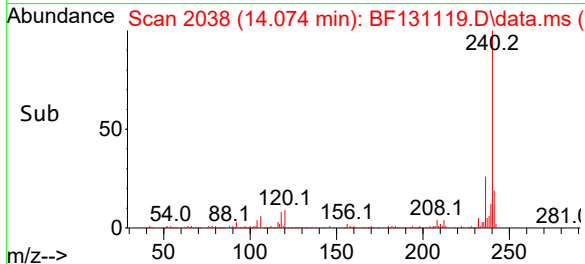
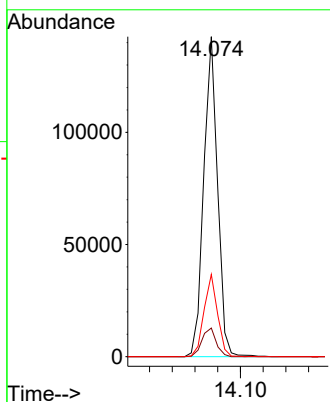
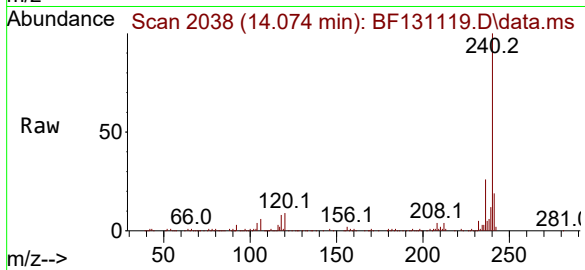
Tgt Ion:240 Resp: 120325

Ion Ratio Lower Upper

240 100

120 9.0 6.5 9.7

236 25.7 19.7 29.5



#77

Benzidine

Concen: 2.157 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.247 min

Lab File: BF131119.D

Acq: 10 Nov 2022 12:52

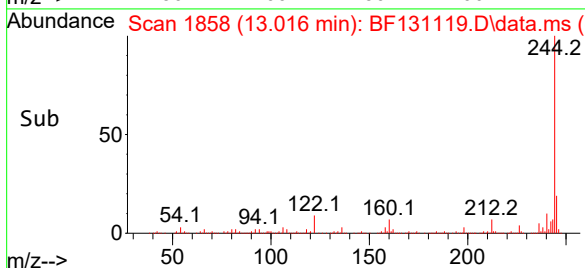
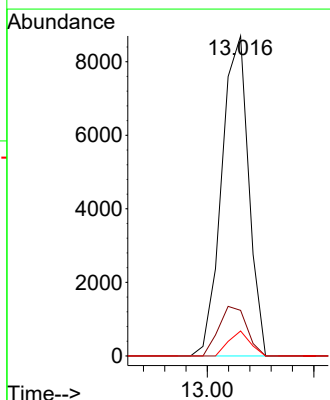
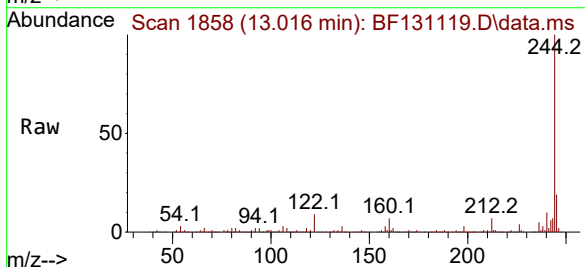
Tgt Ion:184 Resp: 7657

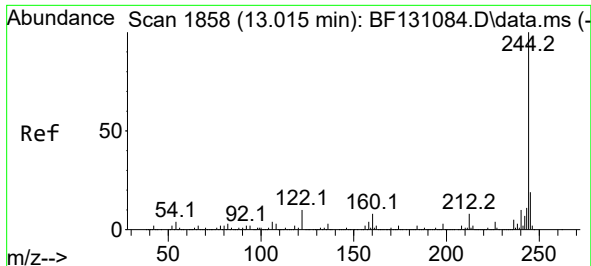
Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 7.8 9.0 13.4#

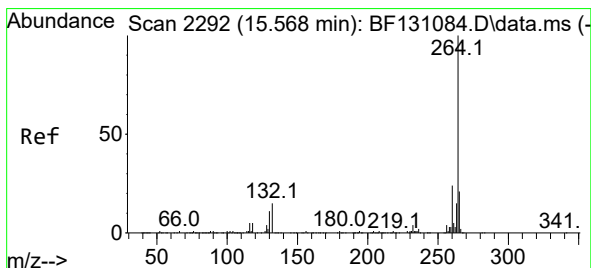
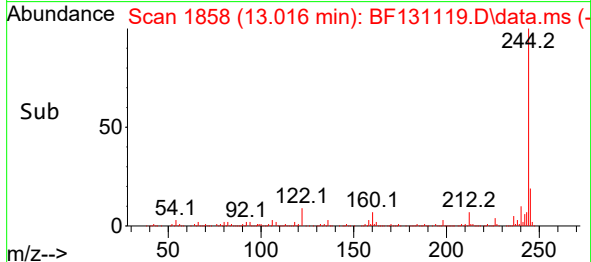
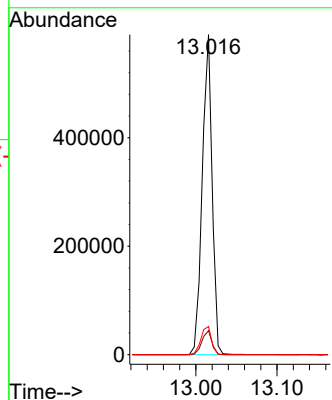
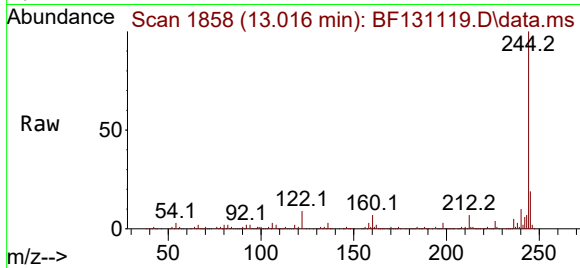




#79
 Terphenyl-d14
 Concen: 72.679 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BF131119.D
 Acq: 10 Nov 2022 12:52

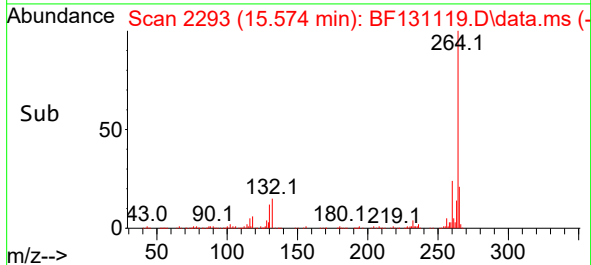
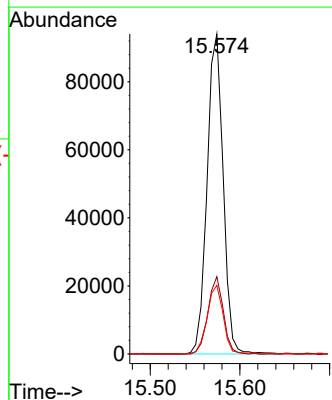
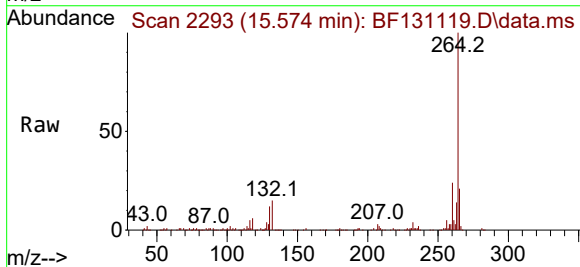
Instrument :
 BNA_F
 ClientSampleId :
 SB-16

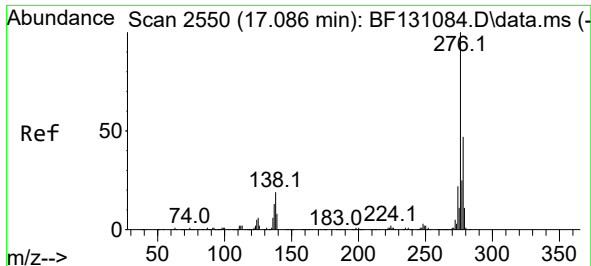
Tgt Ion:244 Resp: 498775
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 8.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.006 min
 Lab File: BF131119.D
 Acq: 10 Nov 2022 12:52

Tgt Ion:264 Resp: 117090
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 21.4 16.7 25.1

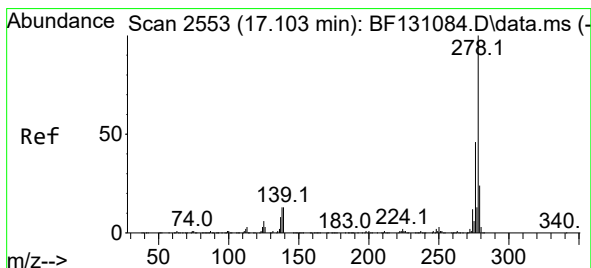
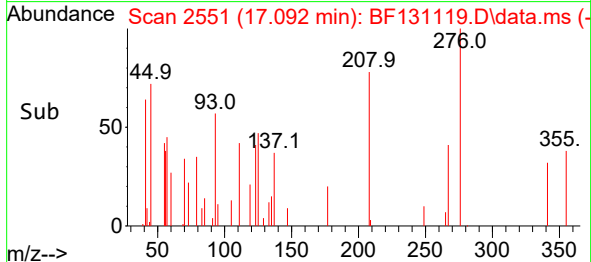
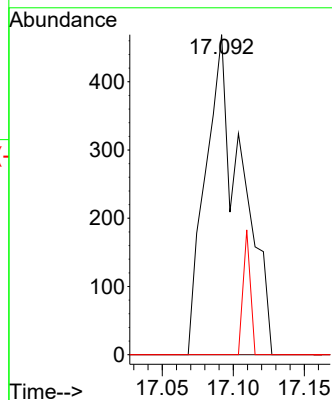
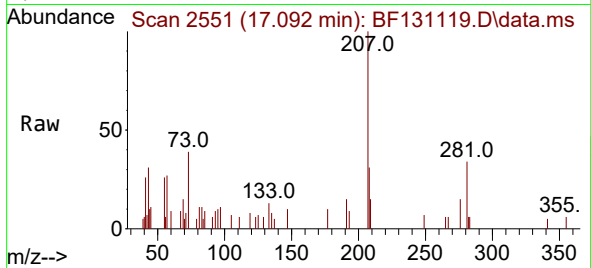




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.944 ng
 RT: 17.092 min Scan# 2551
 Delta R.T. 0.006 min
 Lab File: BF131119.D
 Acq: 10 Nov 2022 12:52

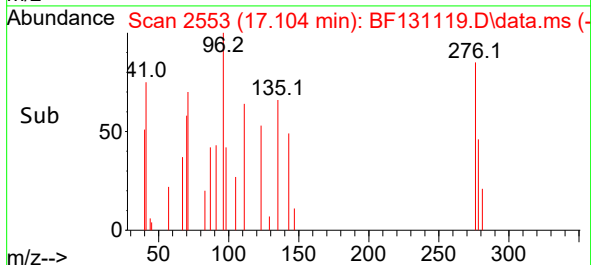
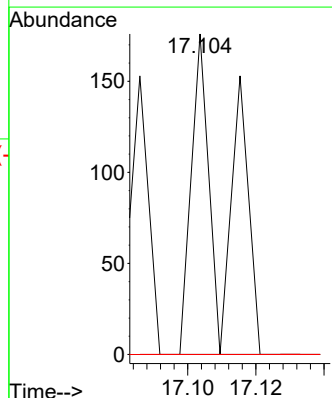
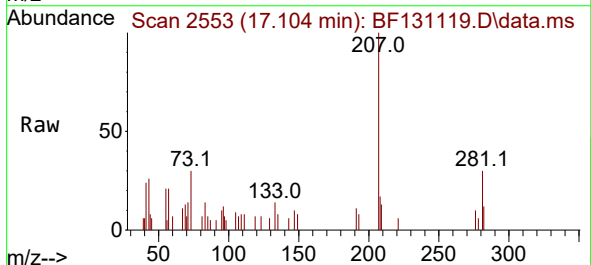
Instrument :
 BNA_F
 ClientSampleId :
 SB-16

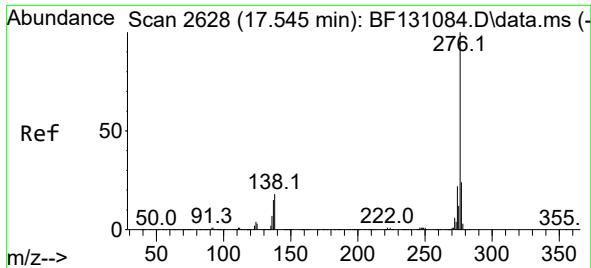
Tgt Ion:276 Resp: 827
 Ion Ratio Lower Upper
 276 100
 138 0.0 16.9 25.3#
 277 7.9 20.3 30.5#



#91
 Dibenzo(a,h)anthracene
 Concen: 3.853 ng
 RT: 17.104 min Scan# 2553
 Delta R.T. 0.001 min
 Lab File: BF131119.D
 Acq: 10 Nov 2022 12:52

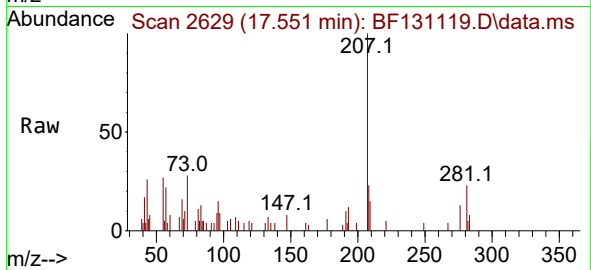
Tgt Ion:278 Resp: 116
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.8 16.2#
 279 0.0 19.2 28.8#





#92
 Benzo(g,h,i)perylene
 Concen: 4.477 ng
 RT: 17.551 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: BF131119.D
 Acq: 10 Nov 2022 12:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-16



Tgt Ion:	276	Resp:	1009
Ion Ratio	Lower	Upper	
276	100		
277	0.0	19.0	28.4#
138	31.2	14.6	21.8#

