

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131130.D
 Acq On : 10 Nov 2022 19:05
 Operator : CG\JU
 Sample : N5520-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124037

Quant Time: Nov 11 00:50:28 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)

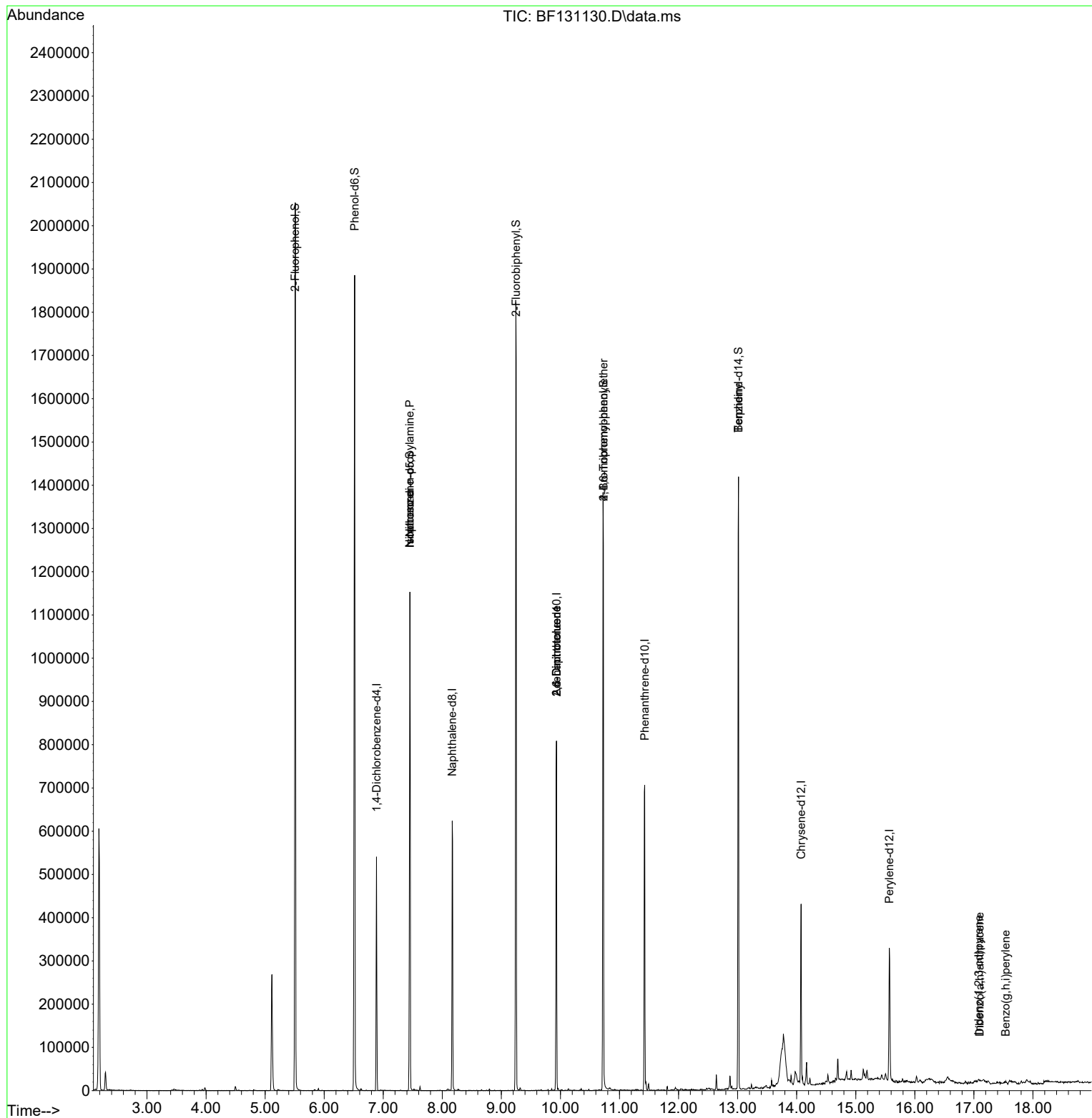
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	64975	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	268524	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	159673	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	262675	20.000	ng	0.00
76) Chrysene-d12	14.074	240	126860	20.000	ng	0.00
86) Perylene-d12	15.568	264	134909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	480549	125.776	ng	0.00
7) Phenol-d6	6.516	99	588640	117.845	ng	0.00
23) Nitrobenzene-d5	7.451	82	358859	60.297	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	159152	96.445	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	559281	48.896	ng	0.00
79) Terphenyl-d14	13.016	244	469318	64.864	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	50639	15.440	ng	# 77
25) Isophorone	7.451	82	358857	38.997	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	20921	8.381	ng	# 14
57) 2,4-Dinitrotoluene	9.933	165	20921	6.305	ng	# 16
67) 4-Bromophenyl-phenylether	10.728	248	10118	3.406	ng	# 1
77) Benzidine	13.016	184	7612	2.034	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.080	276	4047	4.202	ng	# 93
91) Dibenzo(a,h)anthracene	17.098	278	1483	3.992	ng	# 73
92) Benzo(g,h,i)perylene	17.539	276	2871	4.641	ng	# 85

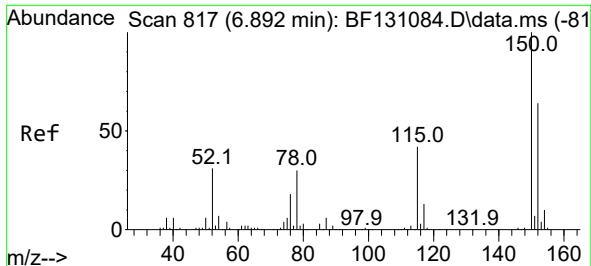
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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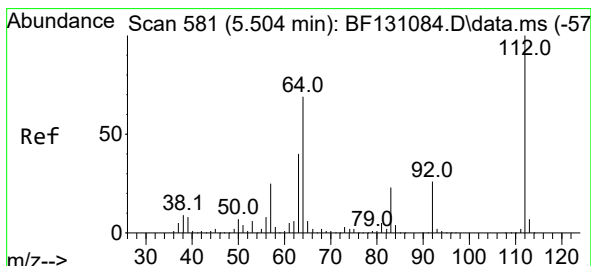
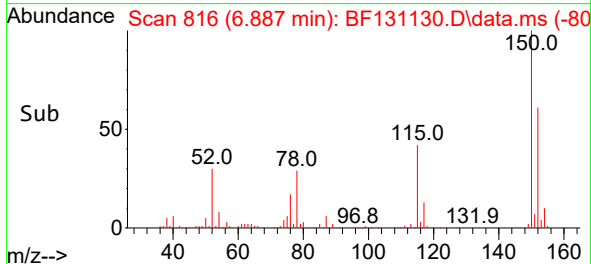
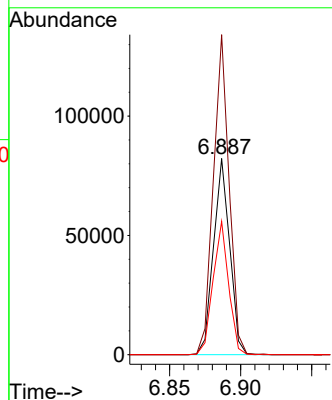
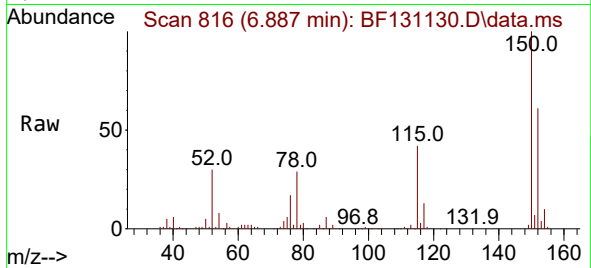




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131130.D
Acq: 10 Nov 2022 19:05

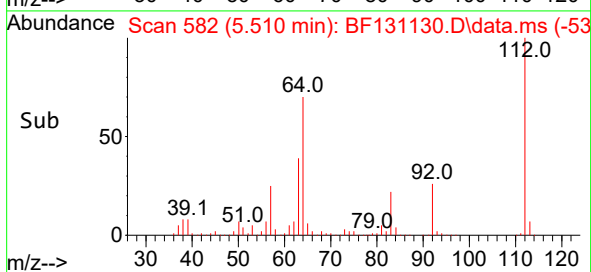
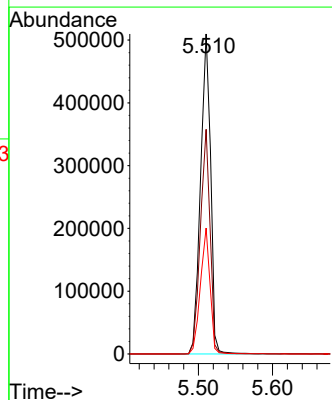
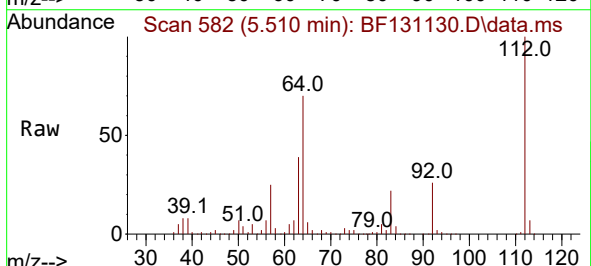
Instrument :
BNA_F
ClientSampleId :
124037

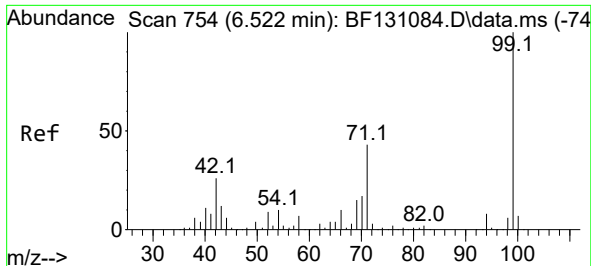
Tgt Ion:152 Resp: 64975
Ion Ratio Lower Upper
152 100
150 163.2 125.5 188.3
115 68.0 52.2 78.2



#5
2-Fluorophenol
Concen: 125.776 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131130.D
Acq: 10 Nov 2022 19:05

Tgt Ion:112 Resp: 480549
Ion Ratio Lower Upper
112 100
64 70.2 55.1 82.7
63 39.4 32.4 48.6

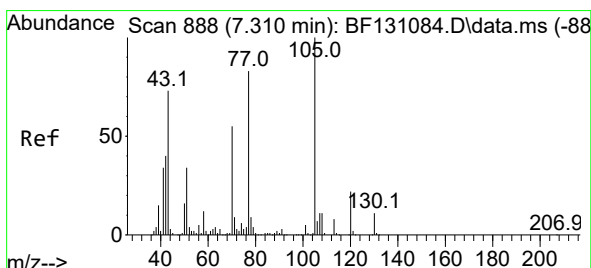
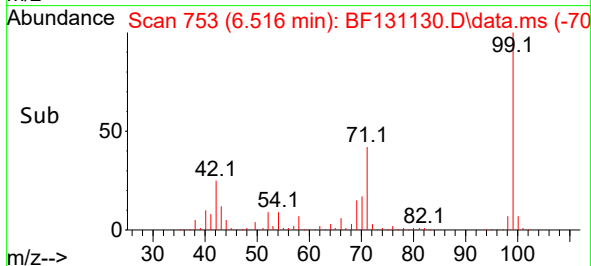
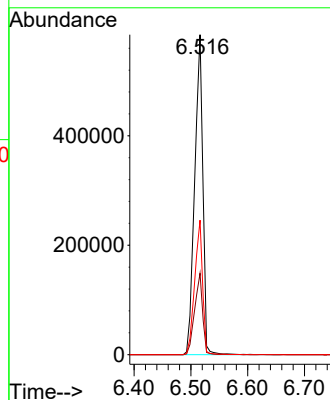
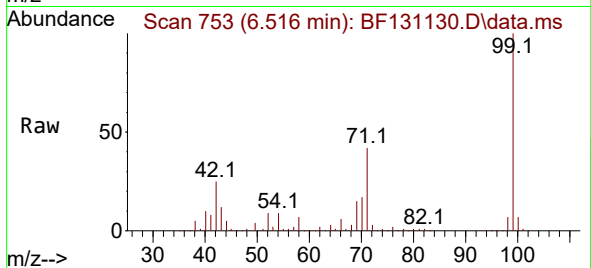




#7
Phenol-d6
Concen: 117.845 ng
RT: 6.516 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF131130.D
Acq: 10 Nov 2022 19:05

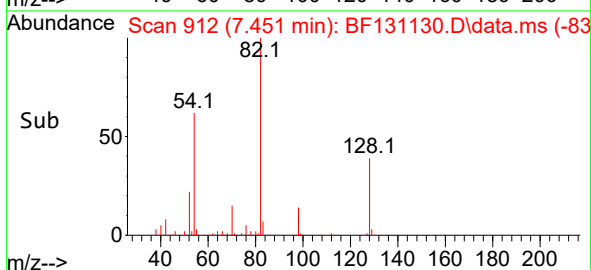
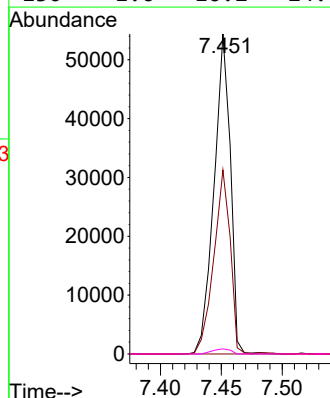
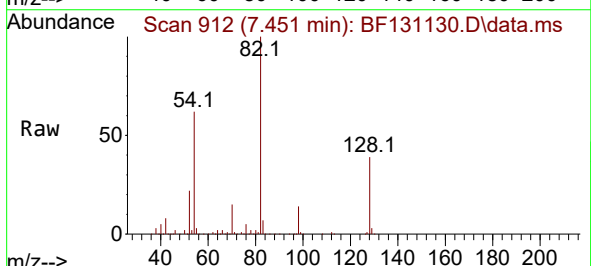
Instrument :
BNA_F
ClientSampleId :
124037

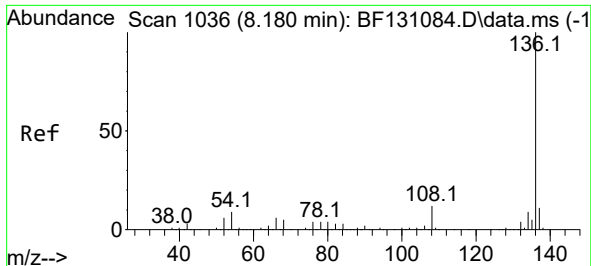
Tgt Ion: 99 Resp: 588640
Ion Ratio Lower Upper
99 100
42 25.4 20.8 31.2
71 42.1 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.440 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF131130.D
Acq: 10 Nov 2022 19:05

Tgt Ion: 70 Resp: 50639
Ion Ratio Lower Upper
70 100
42 57.5 58.3 87.5#
101 0.0 7.4 11.2#
130 1.6 16.2 24.4#



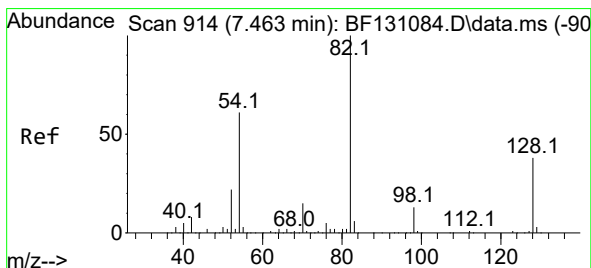
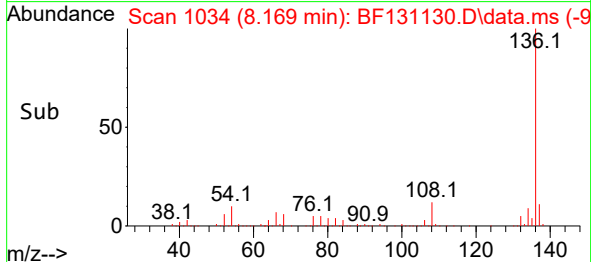
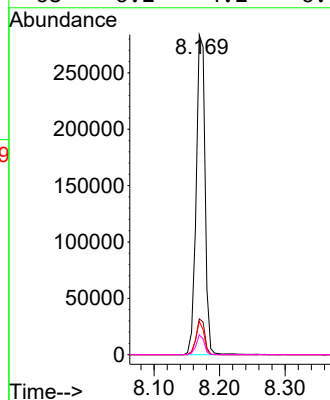
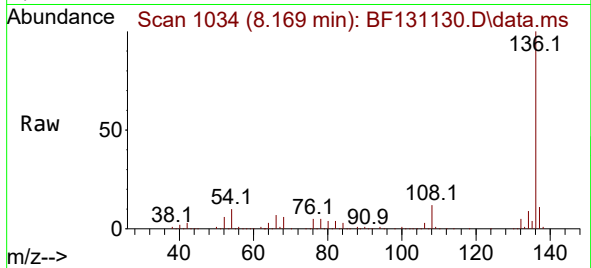


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF131130.D
Acq: 10 Nov 2022 19:05

Instrument :
BNA_F
ClientSampleId :
124037

Tgt Ion:136 Resp: 268524

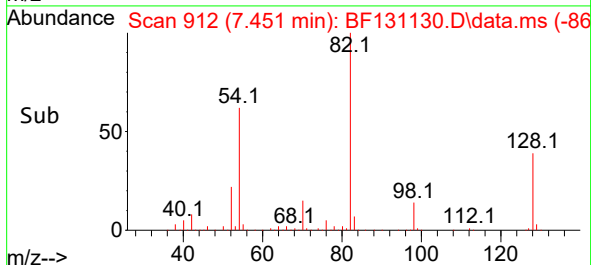
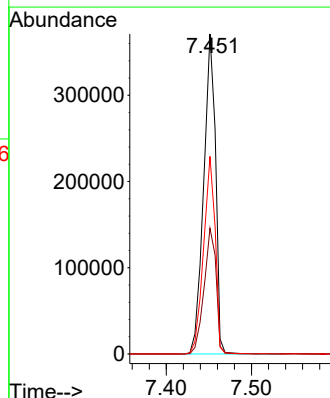
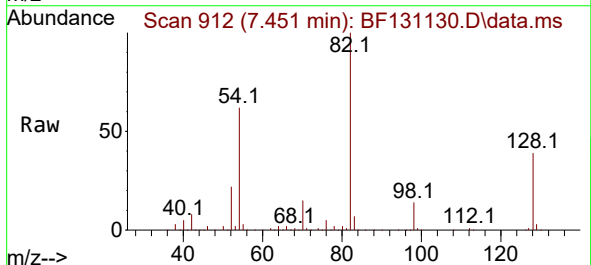
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	10.4	7.2	10.8
68	6.2	4.2	6.4

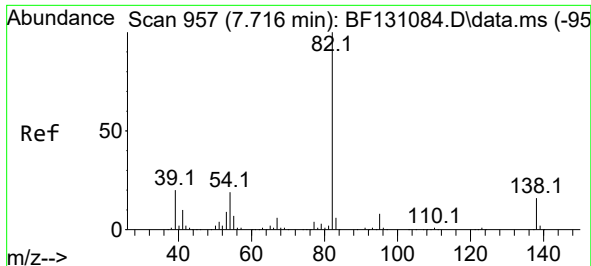


#23
Nitrobenzene-d5
Concen: 60.297 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF131130.D
Acq: 10 Nov 2022 19:05

Tgt Ion: 82 Resp: 358859

Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.5	45.7
54	61.7	49.1	73.7

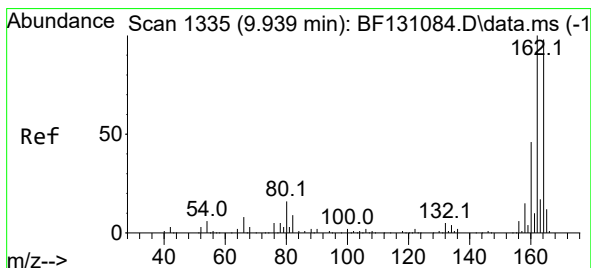
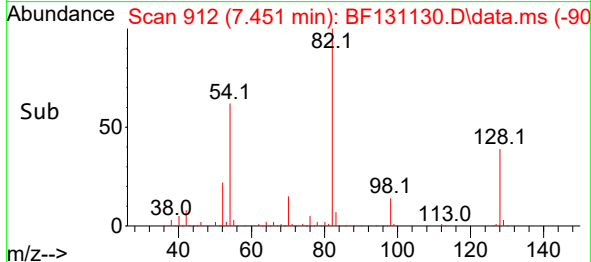
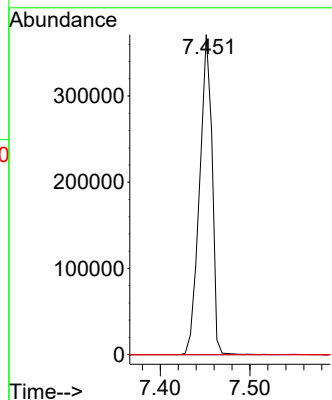
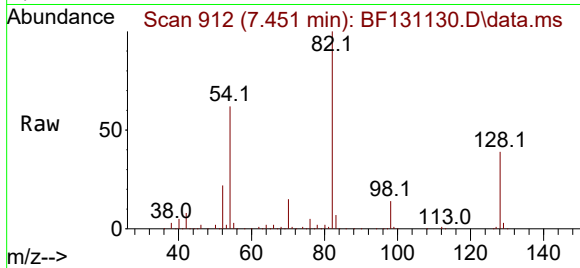




#25
Isophorone
Concen: 38.997 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131130.D
Acq: 10 Nov 2022 19:05

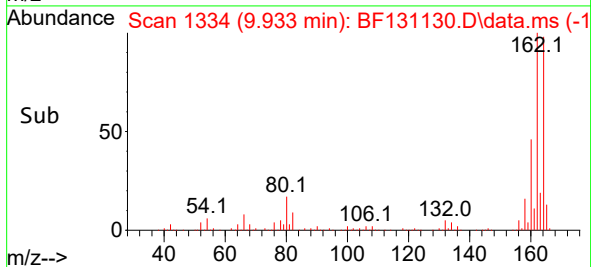
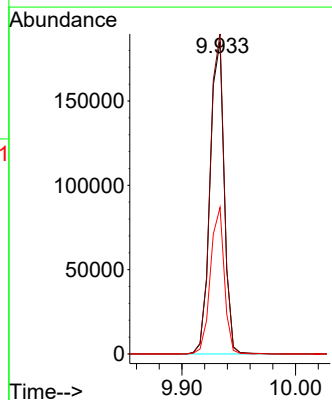
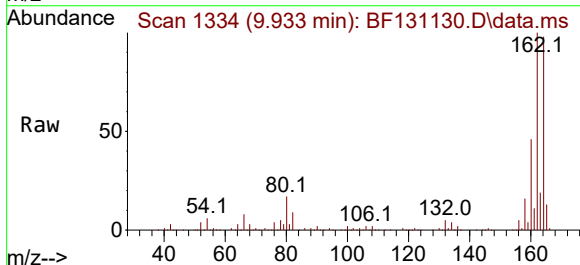
Instrument :
BNA_F
ClientSampleId :
124037

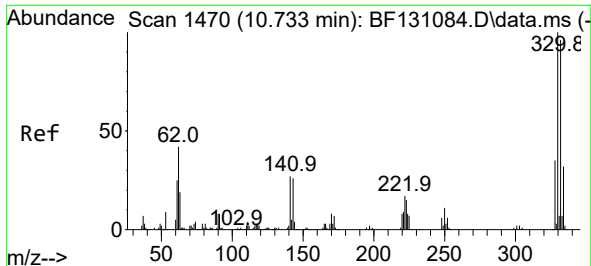
Tgt Ion: 82 Resp: 358857
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131130.D
Acq: 10 Nov 2022 19:05

Tgt Ion:164 Resp: 159673
Ion Ratio Lower Upper
164 100
162 102.4 81.7 122.5
160 46.9 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 96.445 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131130.D

Acq: 10 Nov 2022 19:05

Instrument :

BNA_F

ClientSampleId :

124037

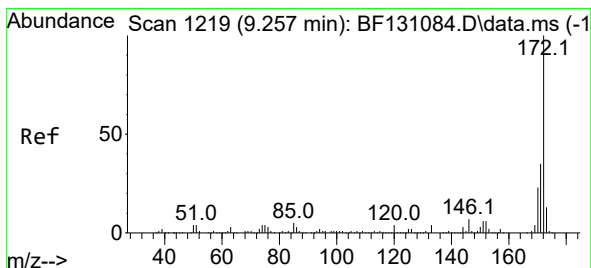
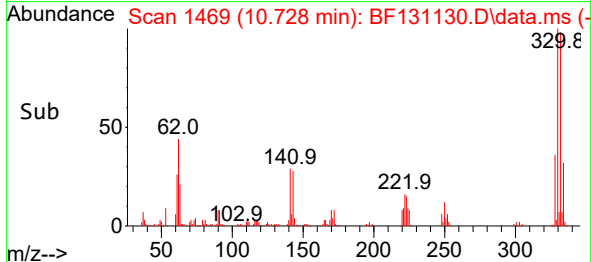
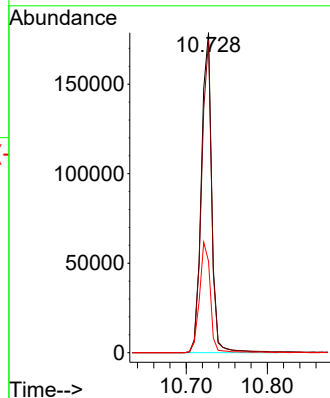
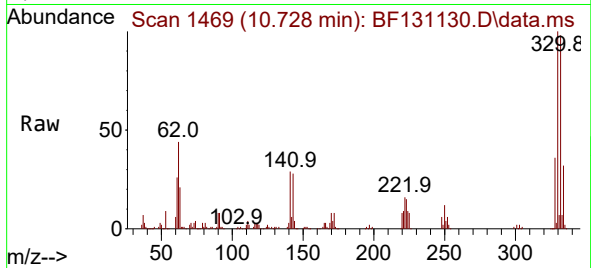
Tgt Ion:330 Resp: 159152

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.4

141 35.9 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 48.896 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131130.D

Acq: 10 Nov 2022 19:05

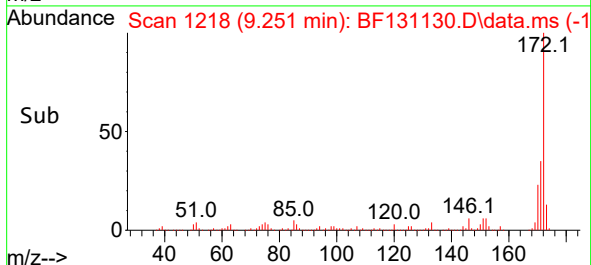
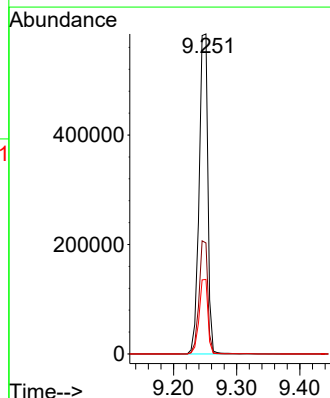
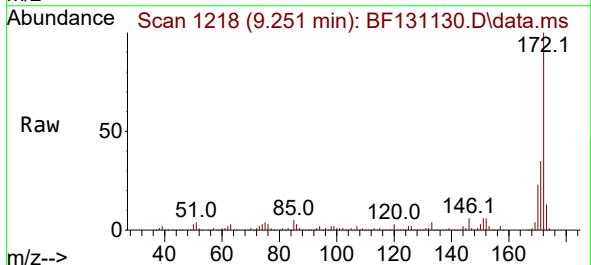
Tgt Ion:172 Resp: 559281

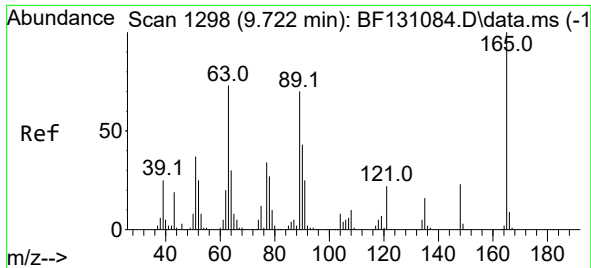
Ion Ratio Lower Upper

172 100

171 34.7 27.7 41.5

170 23.3 18.8 28.2

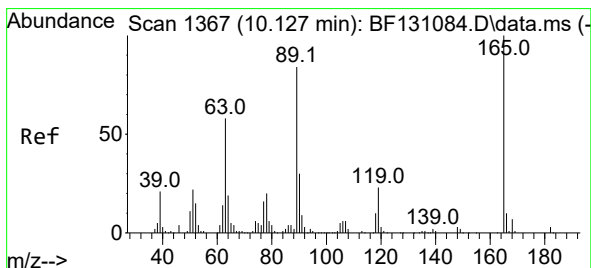
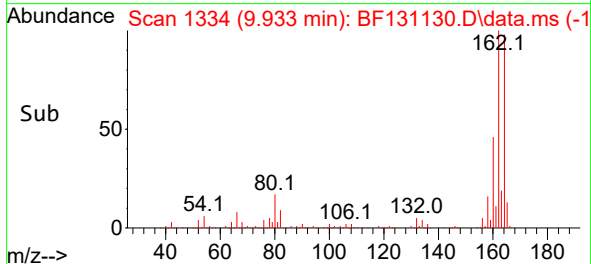
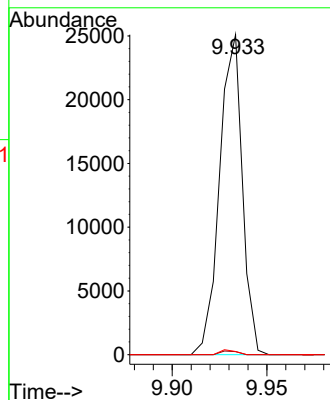
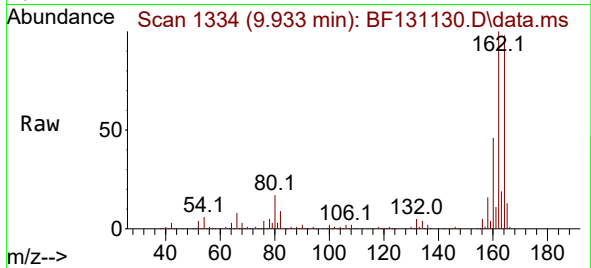




#51
2,6-Dinitrotoluene
Concen: 8.381 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131130.D
Acq: 10 Nov 2022 19:05

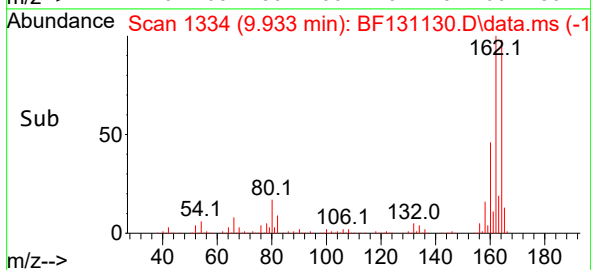
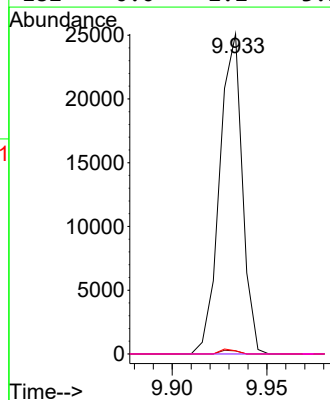
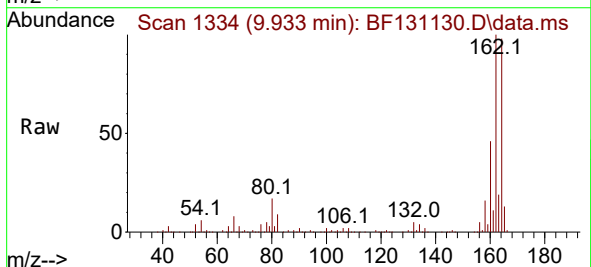
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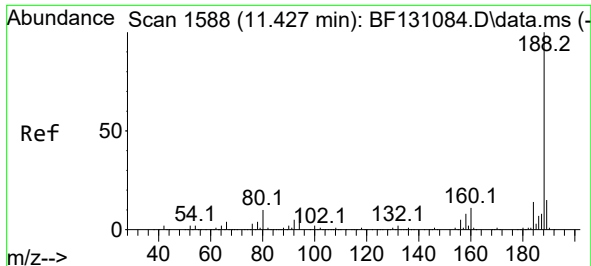
Tgt Ion:165 Resp: 20921
Ion Ratio Lower Upper
165 100
63 0.9 61.4 92.2#
89 1.0 56.0 84.0#



#57
2,4-Dinitrotoluene
Concen: 6.305 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131130.D
Acq: 10 Nov 2022 19:05

Tgt Ion:165 Resp: 20921
Ion Ratio Lower Upper
165 100
63 0.9 46.9 70.3#
89 1.0 66.9 100.3#
182 0.0 2.2 3.2#

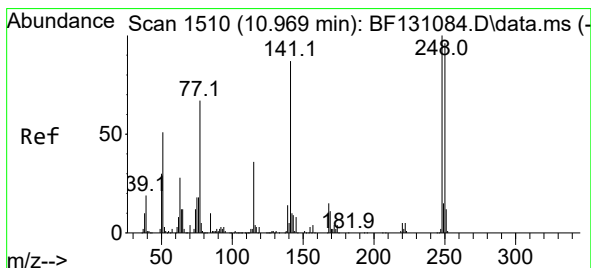
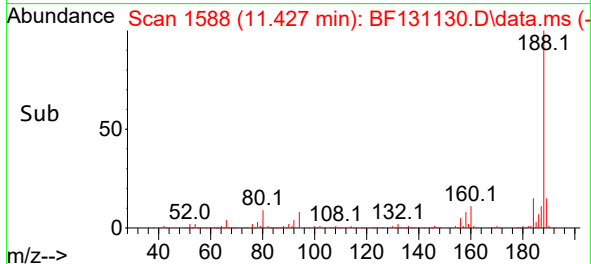
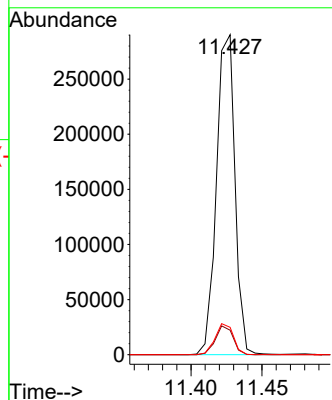
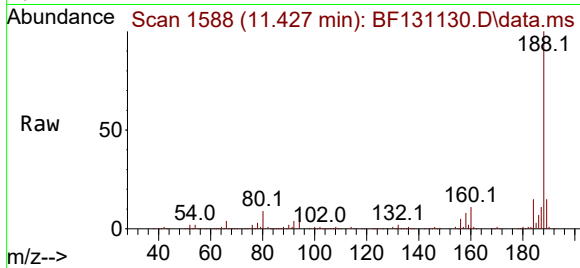




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131130.D
Acq: 10 Nov 2022 19:05

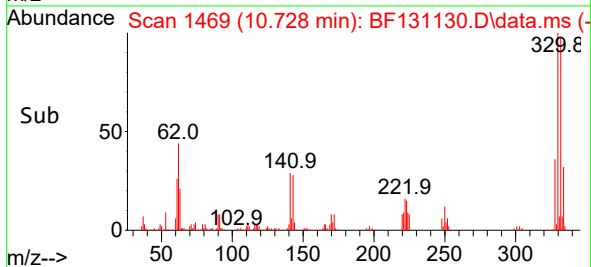
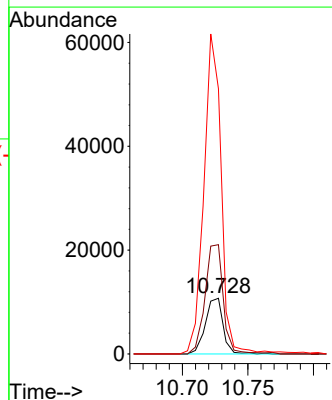
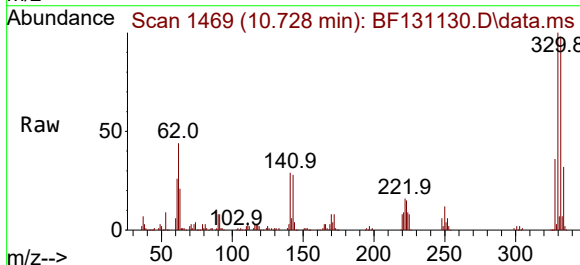
Instrument :
BNA_F
ClientSampleId :
124037

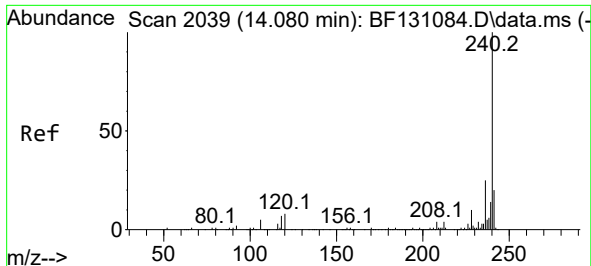
Tgt Ion:188 Resp: 262675
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 8.5 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.406 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF131130.D
Acq: 10 Nov 2022 19:05

Tgt Ion:248 Resp: 10118
Ion Ratio Lower Upper
248 100
250 195.9 77.0 115.6#
141 475.6 69.7 104.5#

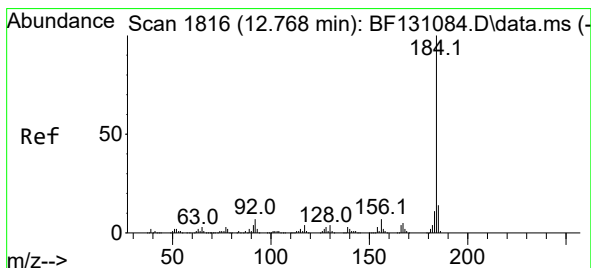
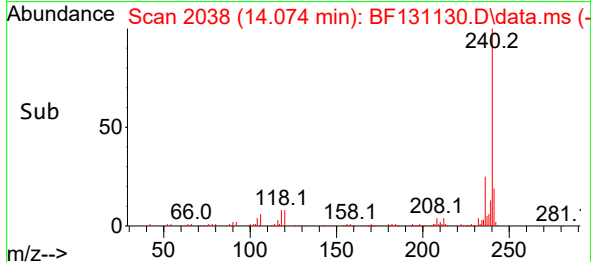
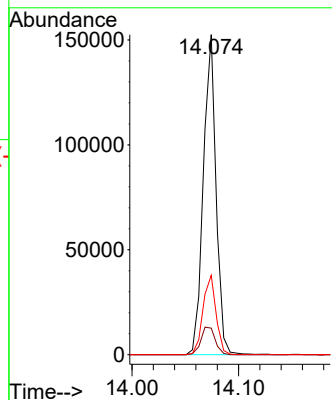
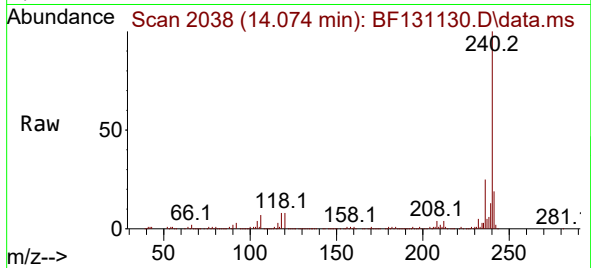




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131130.D
Acq: 10 Nov 2022 19:05

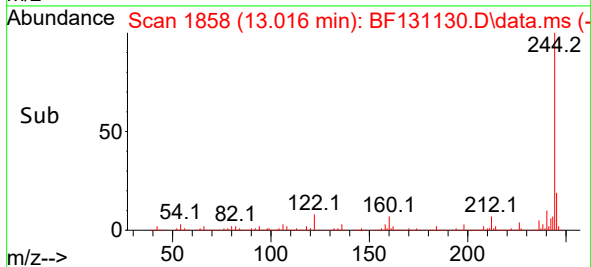
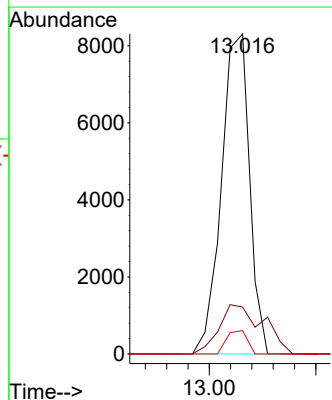
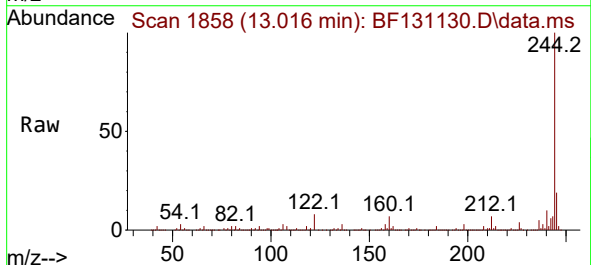
Instrument :
BNA_F
ClientSampleId :
124037

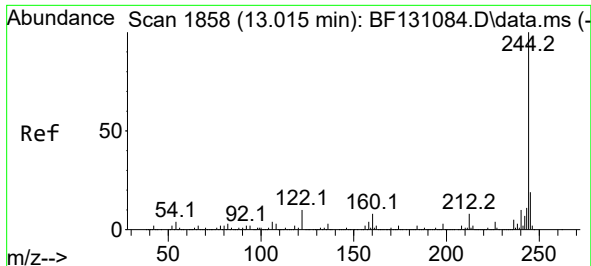
Tgt Ion:240 Resp: 126860
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 24.8 19.7 29.5



#77
Benzidine
Concen: 2.034 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.247 min
Lab File: BF131130.D
Acq: 10 Nov 2022 19:05

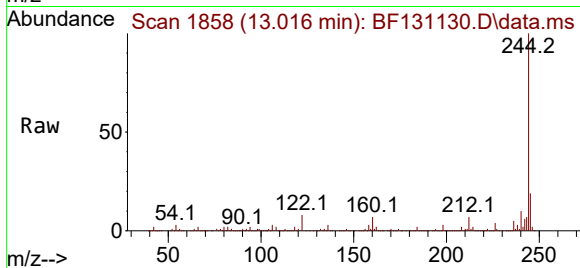
Tgt Ion:184 Resp: 7612
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.0
183 7.3 9.0 13.4#



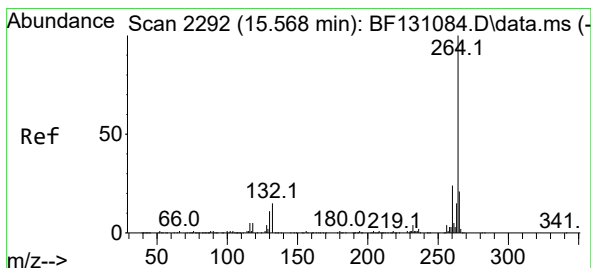
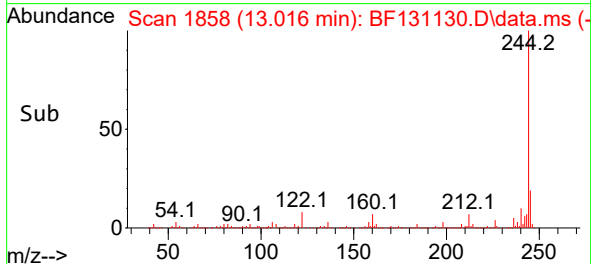
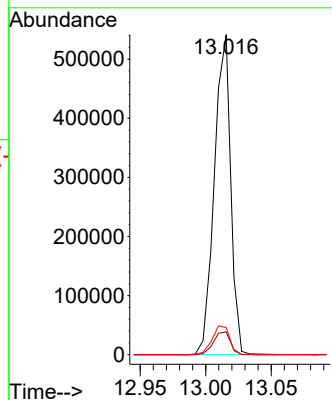


#79
 Terphenyl-d14
 Concen: 64.864 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. 0.001 min
 Lab File: BF131130.D
 Acq: 10 Nov 2022 19:05

Instrument :
 BNA_F
 ClientSampleId :
 124037

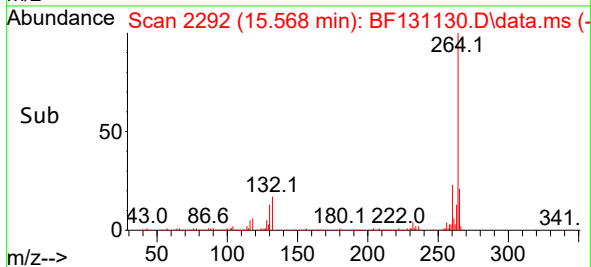
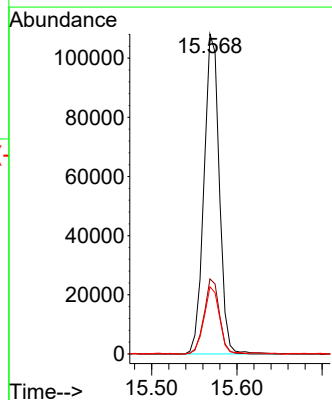
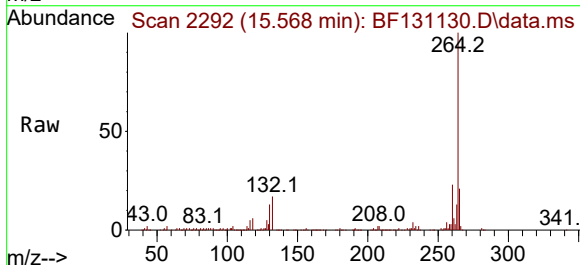


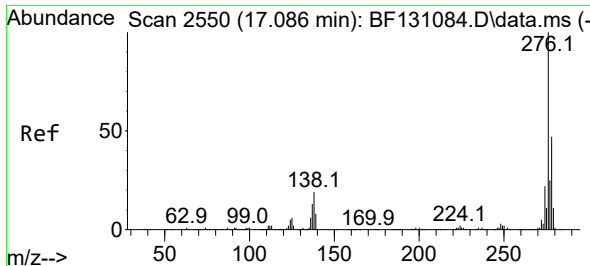
Tgt Ion:244 Resp: 469318
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 8.5 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF131130.D
 Acq: 10 Nov 2022 19:05

Tgt Ion:264 Resp: 134909
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.0 16.7 25.1

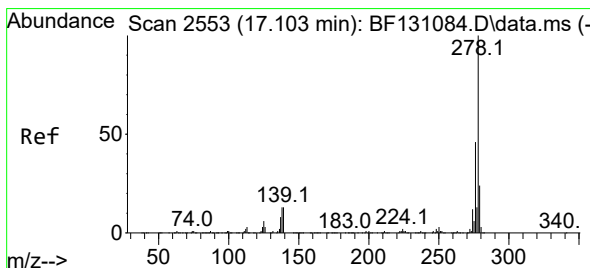
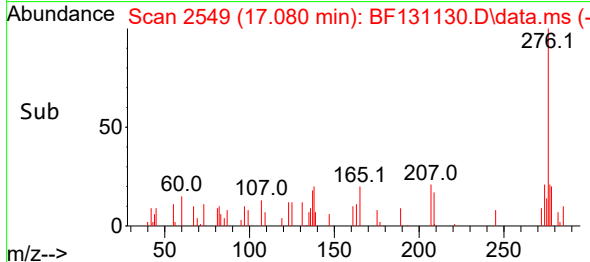
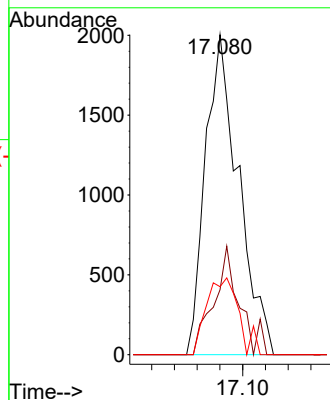
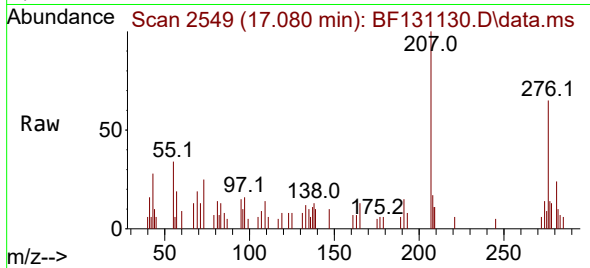




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.202 ng
 RT: 17.080 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131130.D
 Acq: 10 Nov 2022 19:05

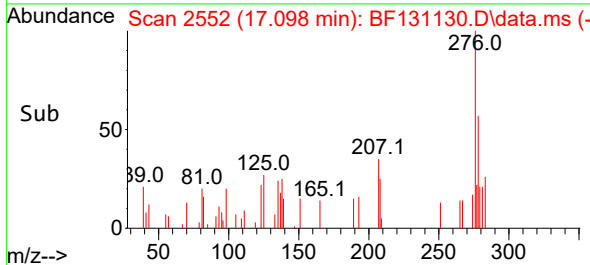
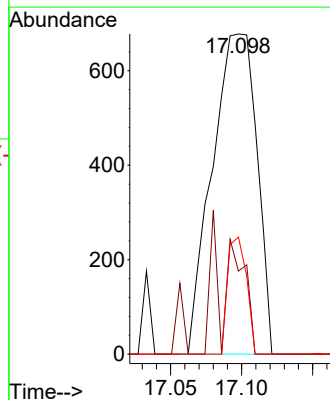
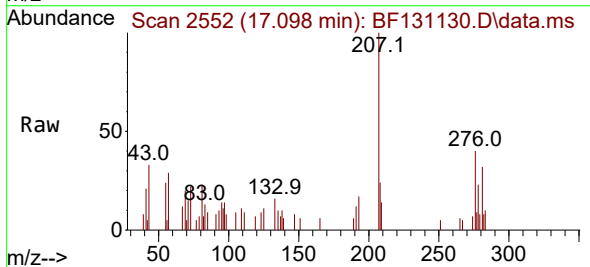
Instrument :
 BNA_F
 ClientSampleId :
 124037

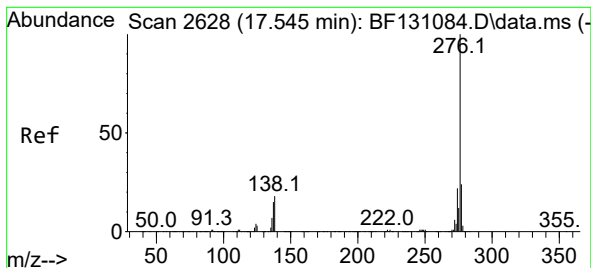
Tgt Ion:276 Resp: 4047
 Ion Ratio Lower Upper
 276 100
 138 26.2 16.9 25.3#
 277 23.3 20.3 30.5



#91
 Dibenzo(a,h)anthracene
 Concen: 3.992 ng
 RT: 17.098 min Scan# 2552
 Delta R.T. -0.005 min
 Lab File: BF131130.D
 Acq: 10 Nov 2022 19:05

Tgt Ion:278 Resp: 1483
 Ion Ratio Lower Upper
 278 100
 139 26.0 10.8 16.2#
 279 36.6 19.2 28.8#





#92

Benzo(g,h,i)perylene

Concen: 4.641 ng

RT: 17.539 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF131130.D

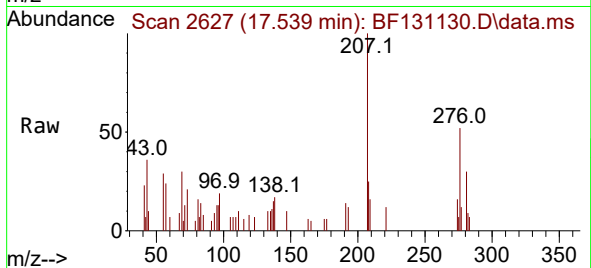
Acq: 10 Nov 2022 19:05

Instrument :

BNA_F

ClientSampleId :

124037



Tgt Ion:276 Resp: 2871

Ion Ratio Lower Upper

276 100

277 22.7 19.0 28.4

138 32.5 14.6 21.8#

