

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
 Data File : BF131154.D
 Acq On : 11 Nov 2022 14:35
 Operator : CG\JU
 Sample : N5529-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NMS-CONCRETE-1108

Quant Time: Nov 11 15:20:35 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)

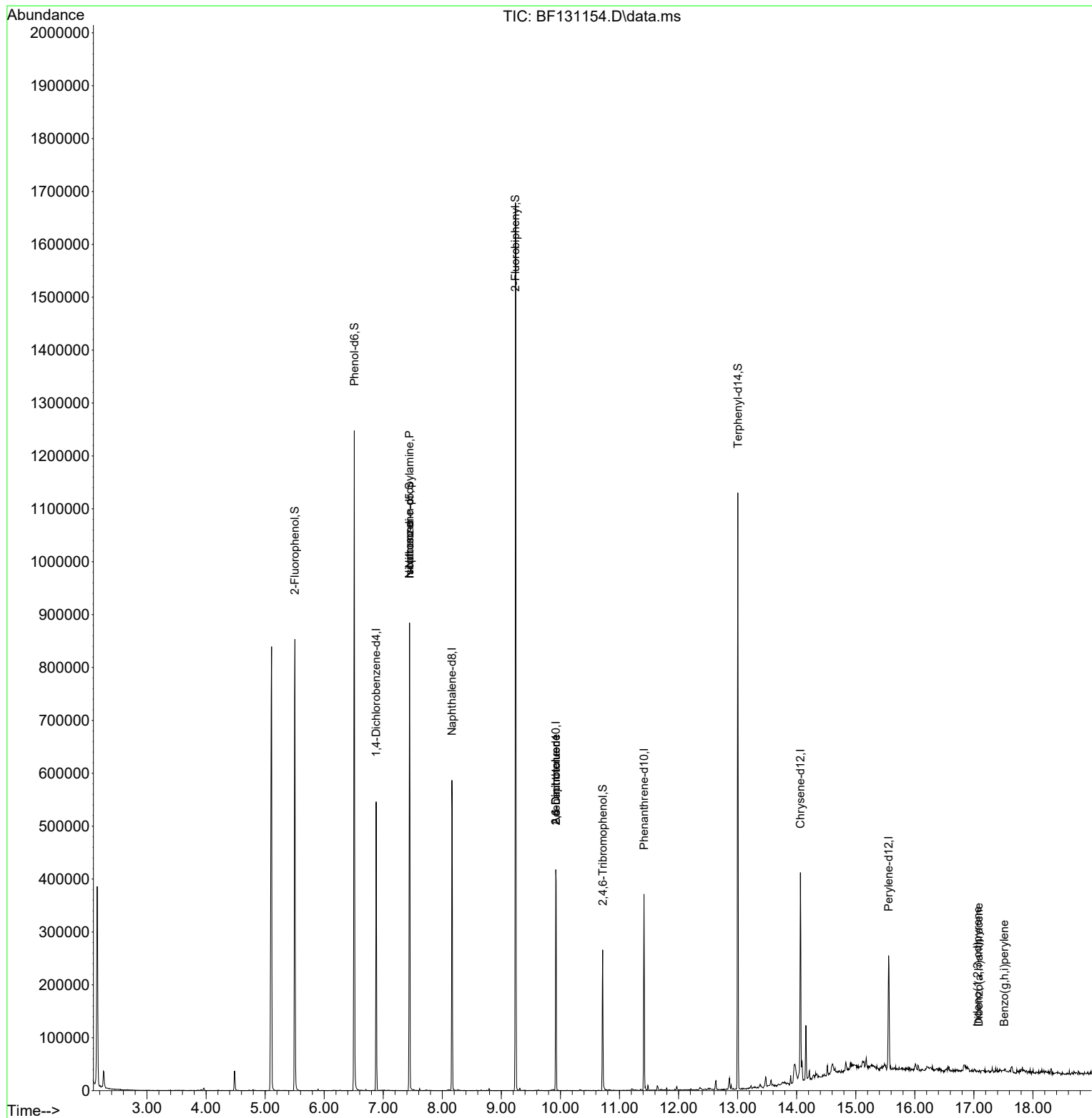
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	67585	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	238595	20.000	ng	-0.02
39) Acenaphthene-d10	9.922	164	81731	20.000	ng	-0.02
64) Phenanthrene-d10	11.416	188	121918	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	122508	20.000	ng	#-0.02
86) Perylene-d12	15.557	264	90348	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	197408	49.673	ng	0.00
7) Phenol-d6	6.510	99	327012	62.939	ng	-0.01
23) Nitrobenzene-d5	7.445	82	248189	46.933	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	27891	33.020	ng	-0.02
45) 2-Fluorobiphenyl	9.239	172	495899	84.700	ng	-0.02
79) Terphenyl-d14	13.004	244	327930	46.933	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	35340	10.359	ng	# 77
25) Isophorone	7.445	82	248189	30.354	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	11126	8.708	ng	# 15
57) 2,4-Dinitrotoluene	9.922	165	11126	6.551	ng	# 18
87) Indeno(1,2,3-cd)pyrene	17.062	276	1343	4.032	ng	# 83
91) Dibenzo(a,h)anthracene	17.080	278	956	3.986	ng	# 65
92) Benzo(g,h,i)perylene	17.515	276	1482	4.578	ng	# 67

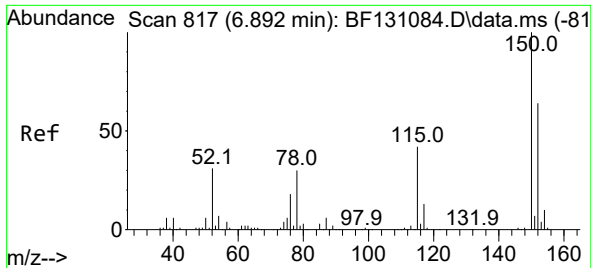
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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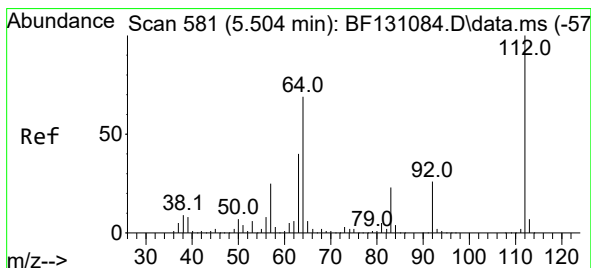
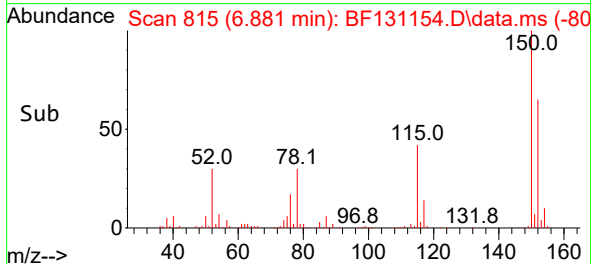
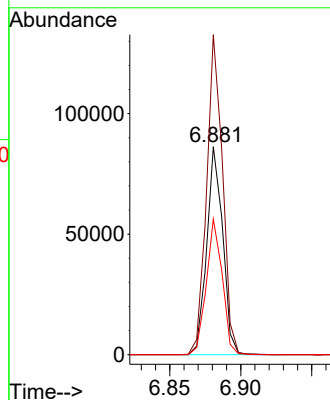
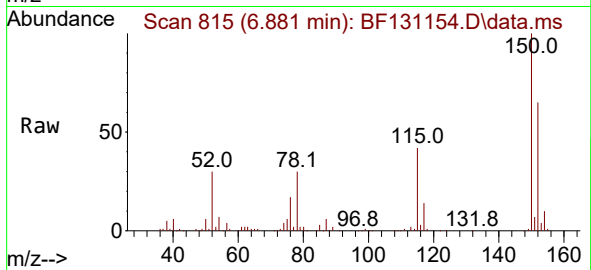




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.011 min
Lab File: BF131154.D
Acq: 11 Nov 2022 14:35

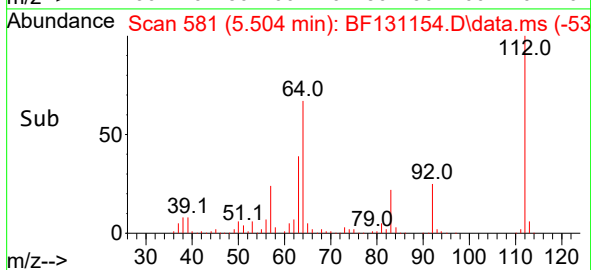
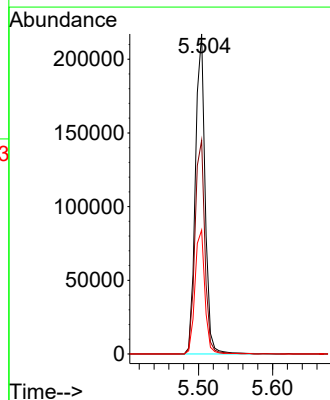
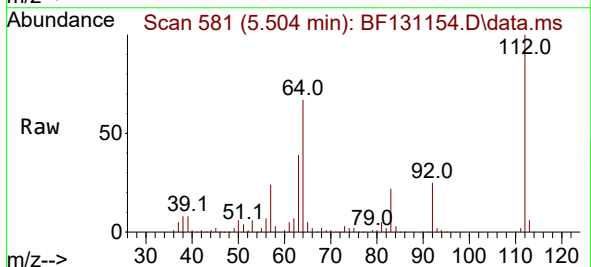
Instrument :
BNA_F
ClientSampleId :
NMS-CONCRETE-1108

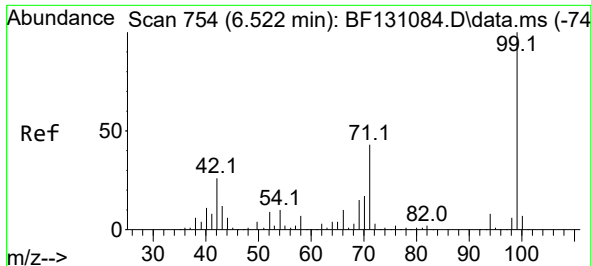
Tgt Ion:152 Resp: 67585
Ion Ratio Lower Upper
152 100
150 153.8 125.5 188.3
115 65.2 52.2 78.2



#5
2-Fluorophenol
Concen: 49.673 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF131154.D
Acq: 11 Nov 2022 14:35

Tgt Ion:112 Resp: 197408
Ion Ratio Lower Upper
112 100
64 66.8 55.1 82.7
63 38.7 32.4 48.6

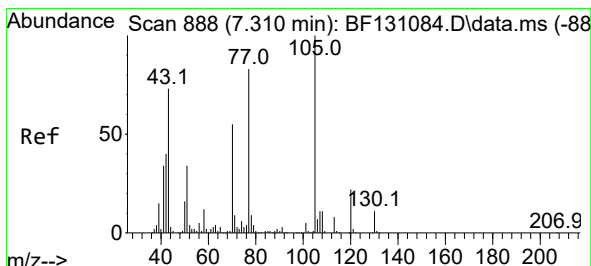
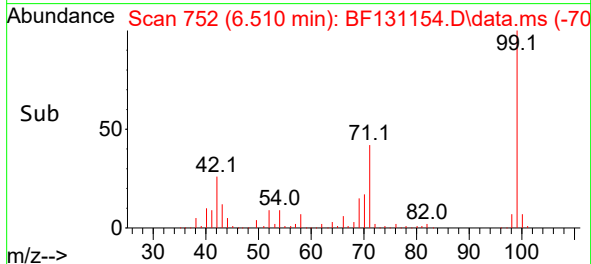
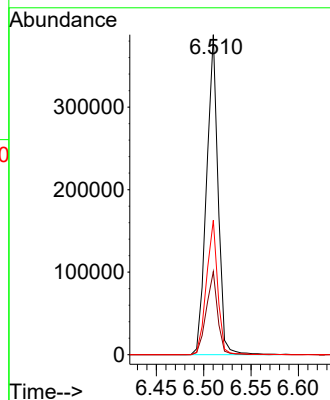
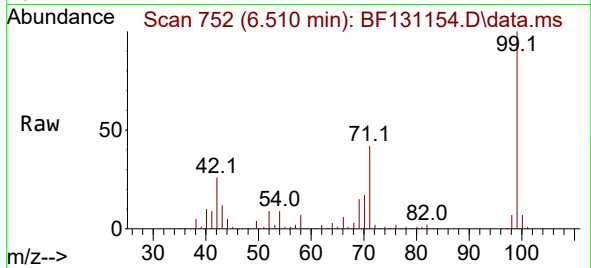




#7
Phenol-d6
Concen: 62.939 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131154.D
Acq: 11 Nov 2022 14:35

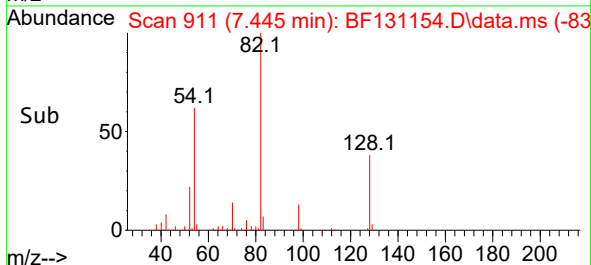
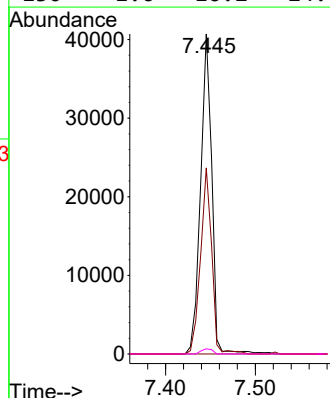
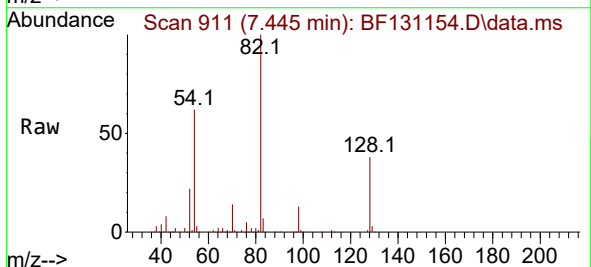
Instrument :
BNA_F
ClientSampleId :
NMS-CONCRETE-1108

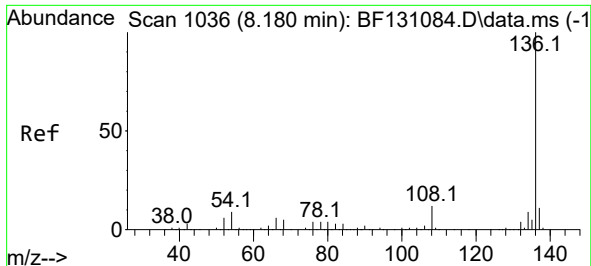
Tgt Ion: 99 Resp: 327012
Ion Ratio Lower Upper
99 100
42 25.9 20.8 31.2
71 42.0 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.359 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF131154.D
Acq: 11 Nov 2022 14:35

Tgt Ion: 70 Resp: 35340
Ion Ratio Lower Upper
70 100
42 58.2 58.3 87.5#
101 0.0 7.4 11.2#
130 1.6 16.2 24.4#

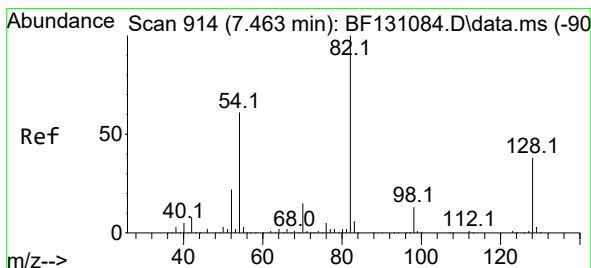
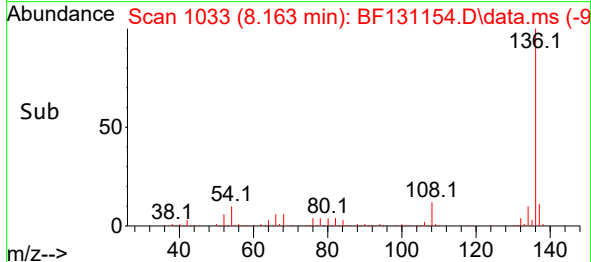
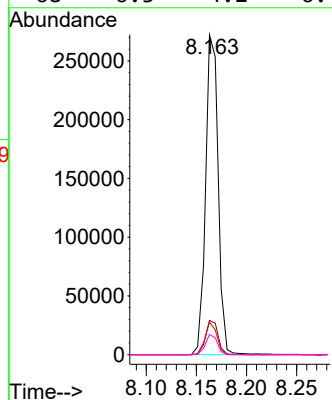
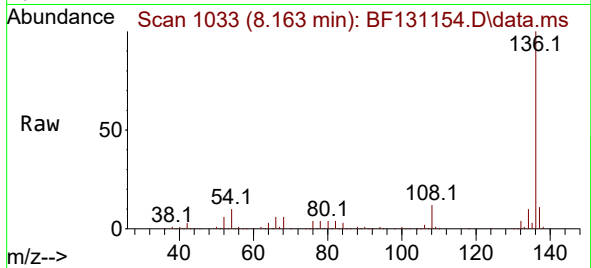




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.017 min
Lab File: BF131154.D
Acq: 11 Nov 2022 14:35

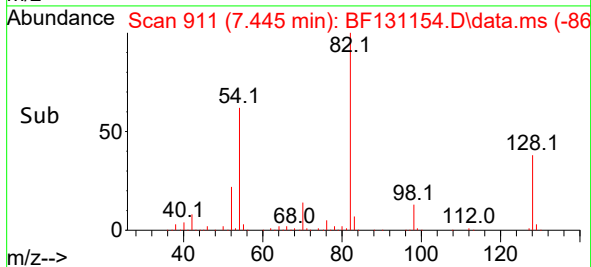
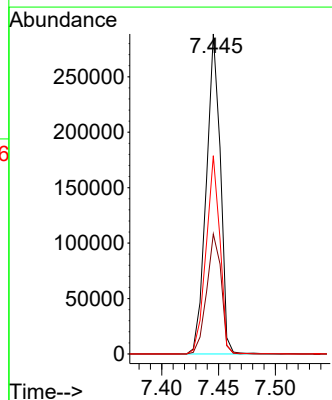
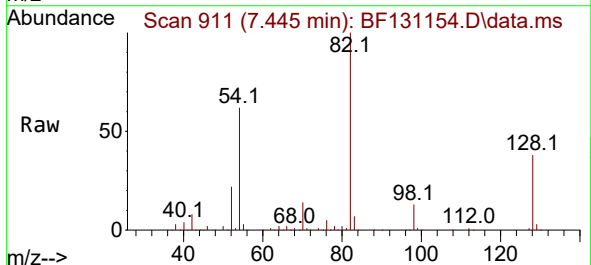
Instrument :
BNA_F
ClientSampleId :
NMS-CONCRETE-1108

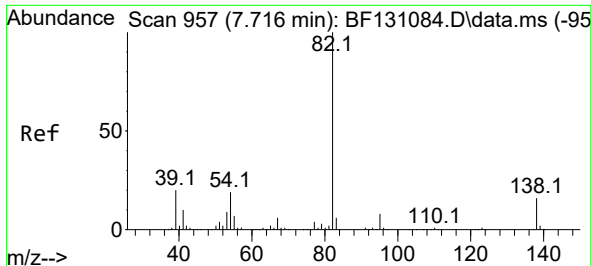
Tgt Ion:	136	Resp:	238595
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	10.2	7.2	10.8
68	6.3	4.2	6.4



#23
Nitrobenzene-d5
Concen: 46.933 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF131154.D
Acq: 11 Nov 2022 14:35

Tgt Ion:	82	Resp:	248189
Ion	Ratio	Lower	Upper
82	100		
128	37.5	30.5	45.7
54	62.0	49.1	73.7

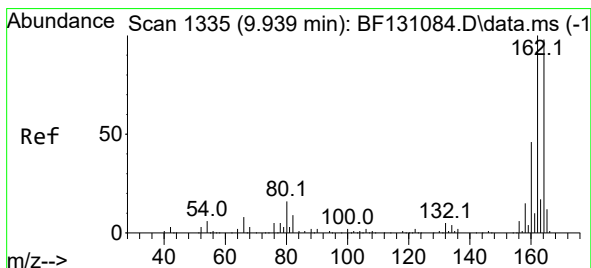
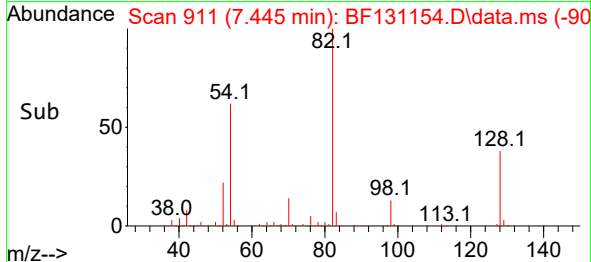
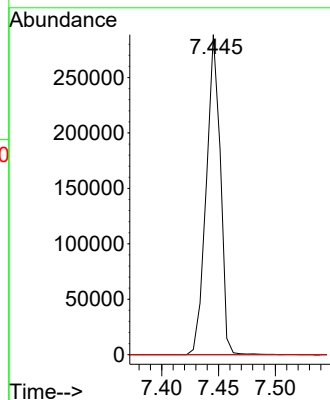
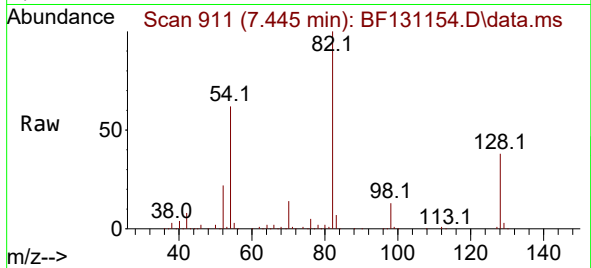




#25
Isophorone
Concen: 30.354 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.270 min
Lab File: BF131154.D
Acq: 11 Nov 2022 14:35

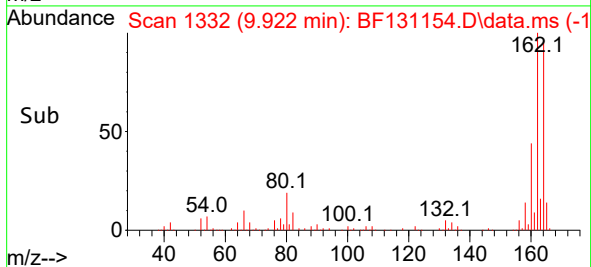
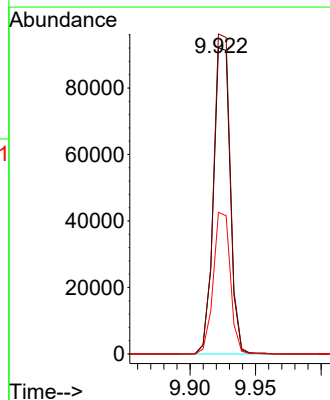
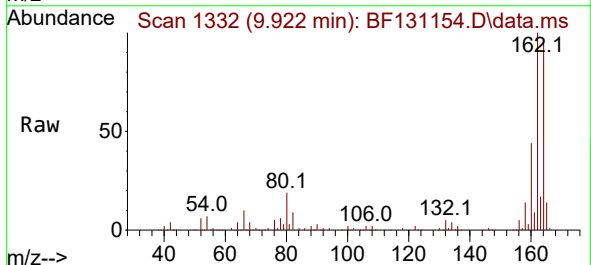
Instrument :
BNA_F
ClientSampleId :
NMS-CONCRETE-1108

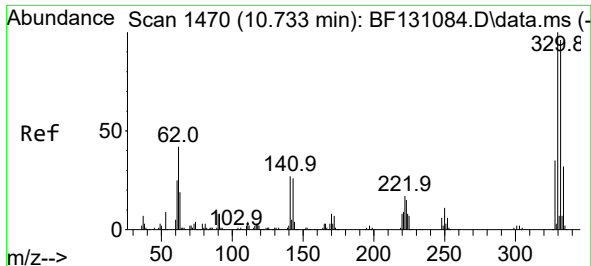
Tgt Ion: 82 Resp: 248189
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.017 min
Lab File: BF131154.D
Acq: 11 Nov 2022 14:35

Tgt Ion:164 Resp: 81731
Ion Ratio Lower Upper
164 100
162 104.5 81.7 122.5
160 46.3 37.4 56.2

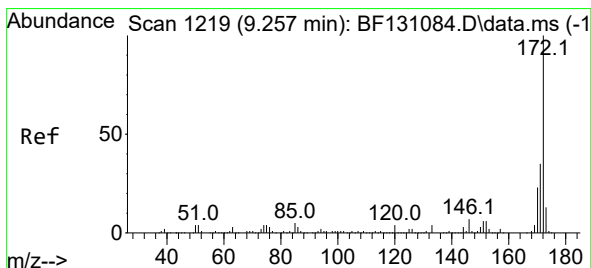
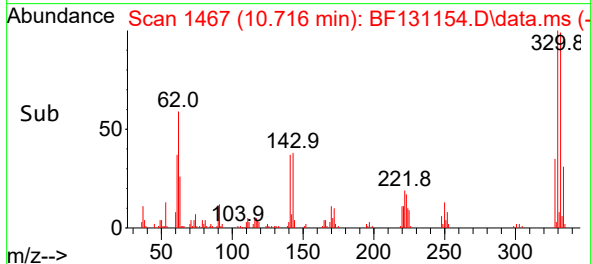
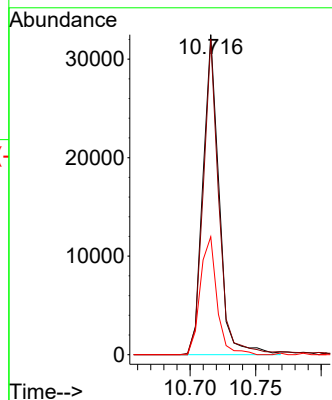
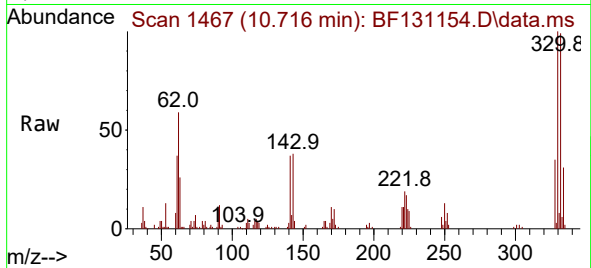




#42
2,4,6-Tribromophenol
Concen: 33.020 ng
RT: 10.716 min Scan# 1470
Delta R.T. -0.017 min
Lab File: BF131154.D
Acq: 11 Nov 2022 14:35

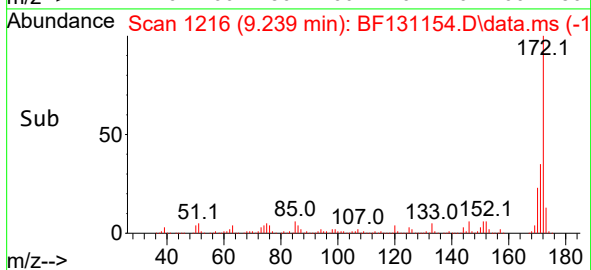
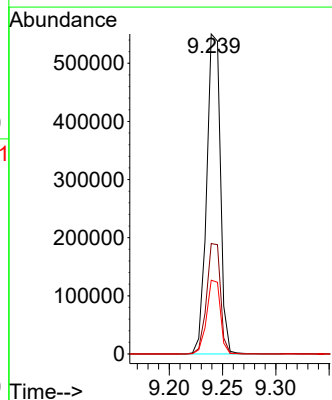
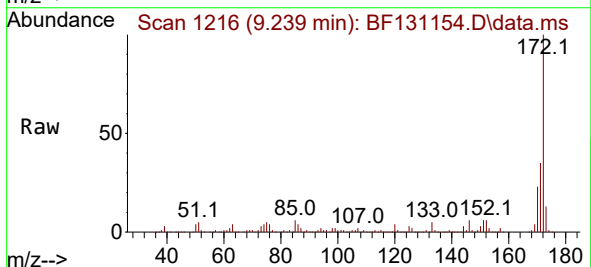
Instrument :
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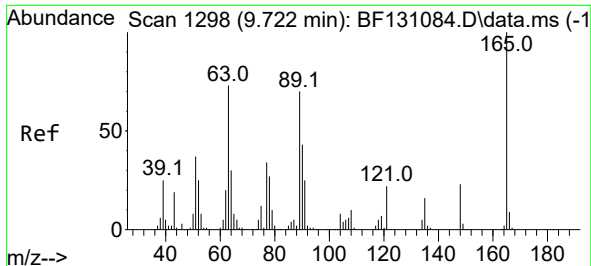
Tgt Ion:330 Resp: 27891
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 38.1 28.5 42.7



#45
2-Fluorobiphenyl
Concen: 84.700 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.018 min
Lab File: BF131154.D
Acq: 11 Nov 2022 14:35

Tgt Ion:172 Resp: 495899
Ion Ratio Lower Upper
172 100
171 34.5 27.7 41.5
170 23.1 18.8 28.2

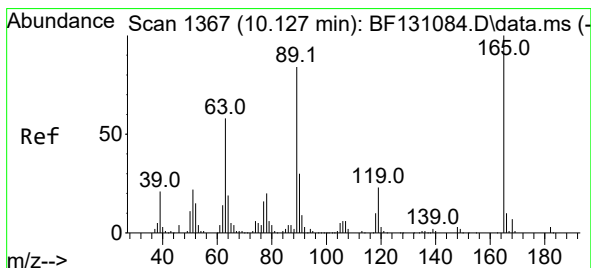
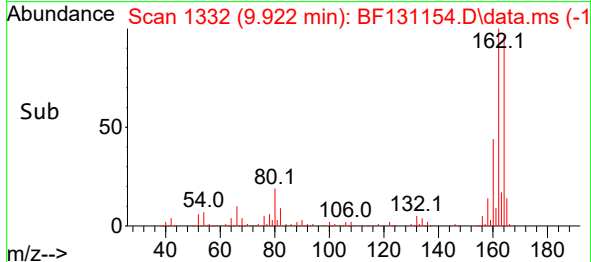
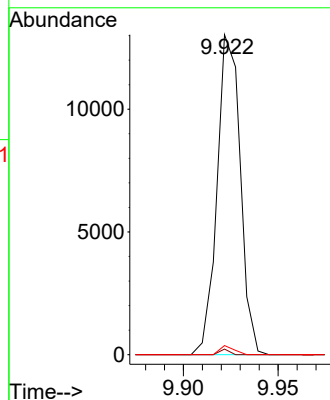
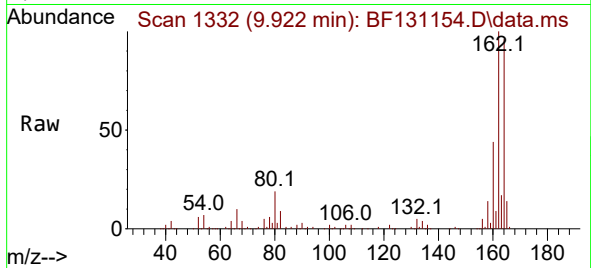




#51
2,6-Dinitrotoluene
Concen: 8.708 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF131154.D
Acq: 11 Nov 2022 14:35

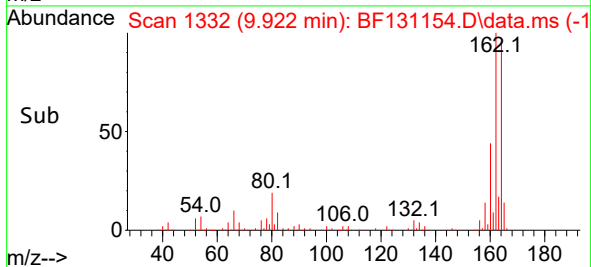
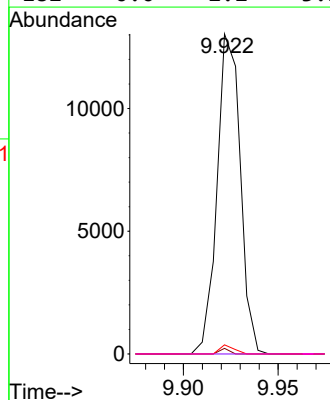
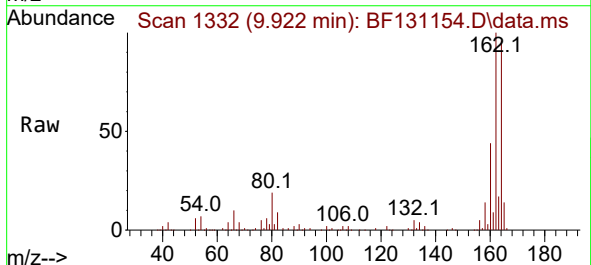
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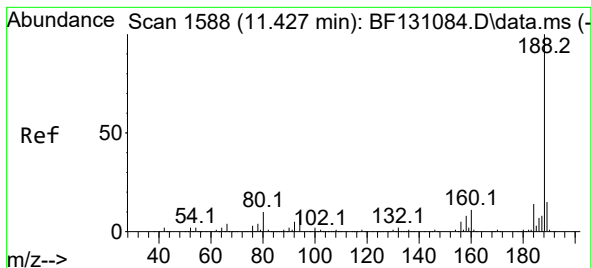
Tgt Ion:165 Resp: 11126
Ion Ratio Lower Upper
165 100
63 1.7 61.4 92.2#
89 2.9 56.0 84.0#



#57
2,4-Dinitrotoluene
Concen: 6.551 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.206 min
Lab File: BF131154.D
Acq: 11 Nov 2022 14:35

Tgt Ion:165 Resp: 11126
Ion Ratio Lower Upper
165 100
63 1.7 46.9 70.3#
89 2.9 66.9 100.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF131154.D

Acq: 11 Nov 2022 14:35

Instrument :

BNA_F

ClientSampleId :

NMS-CONCRETE-1108

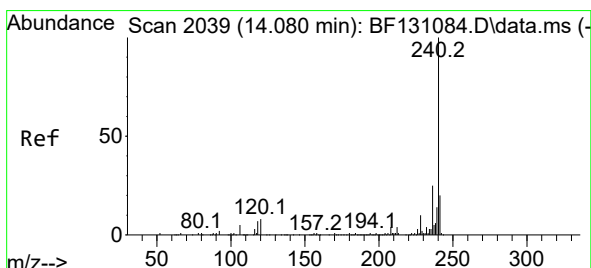
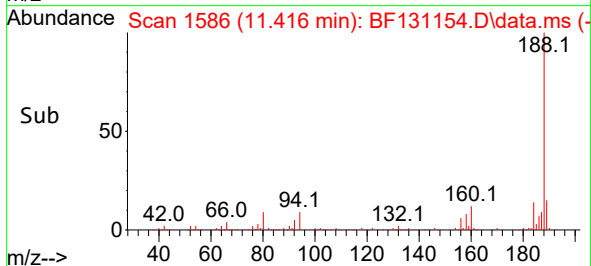
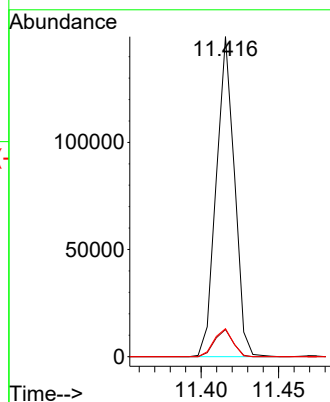
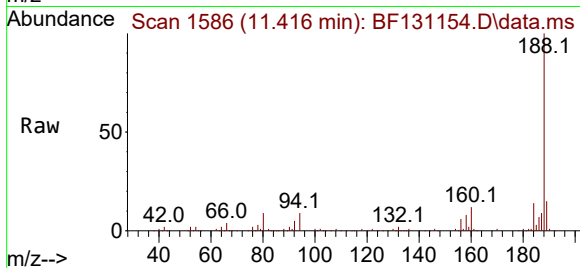
Tgt Ion:188 Resp: 121918

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

80 8.8 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.017 min

Lab File: BF131154.D

Acq: 11 Nov 2022 14:35

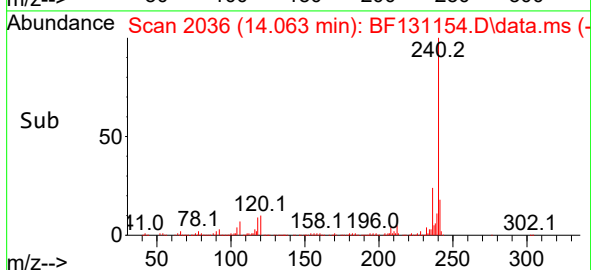
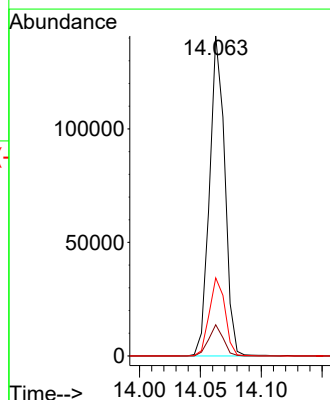
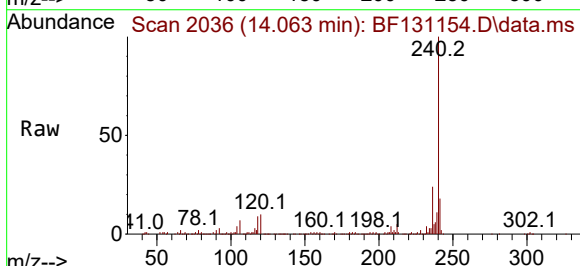
Tgt Ion:240 Resp: 122508

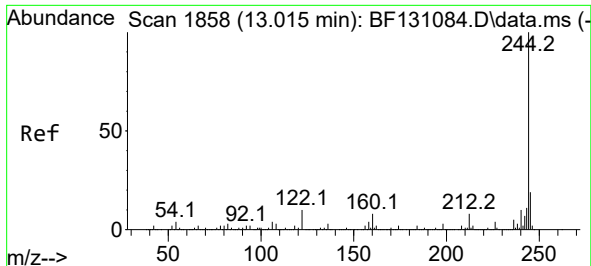
Ion Ratio Lower Upper

240 100

120 9.8 6.5 9.7#

236 24.4 19.7 29.5

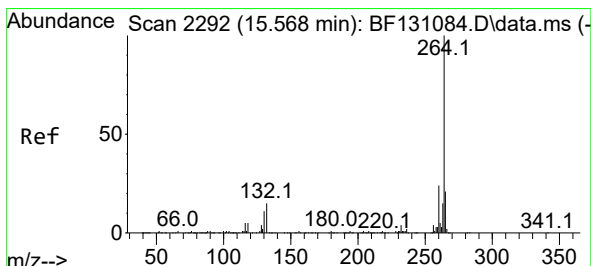
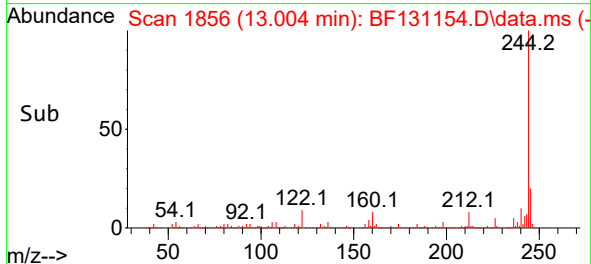
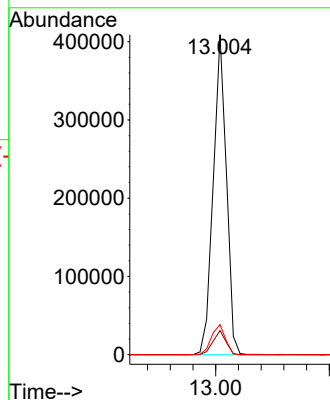
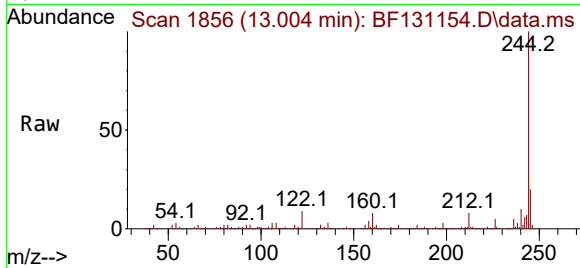




#79
 Terphenyl-d14
 Concen: 46.933 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. -0.011 min
 Lab File: BF131154.D
 Acq: 11 Nov 2022 14:35

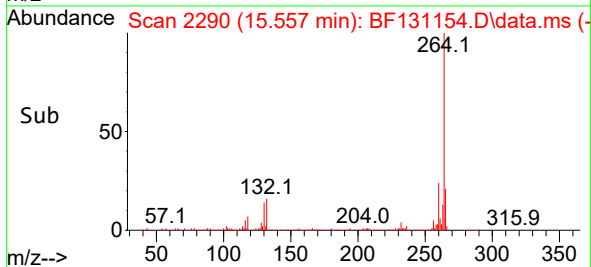
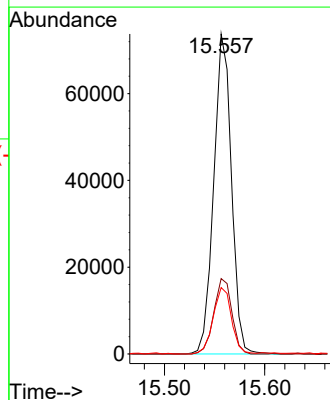
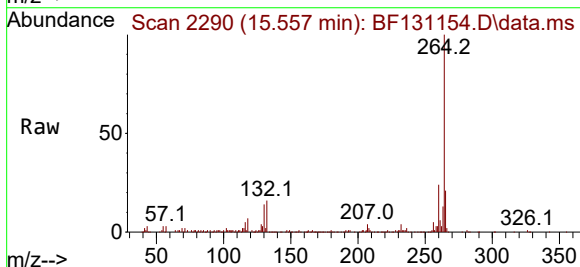
Instrument :
 BNA_F
 ClientSampleId :
 NMS-CONCRETE-1108

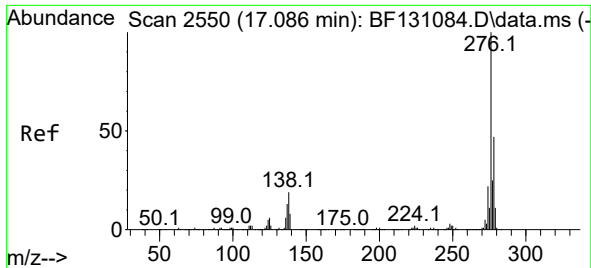
Tgt Ion:244 Resp: 327930
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.4 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. -0.012 min
 Lab File: BF131154.D
 Acq: 11 Nov 2022 14:35

Tgt Ion:264 Resp: 90348
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 20.8 16.7 25.1

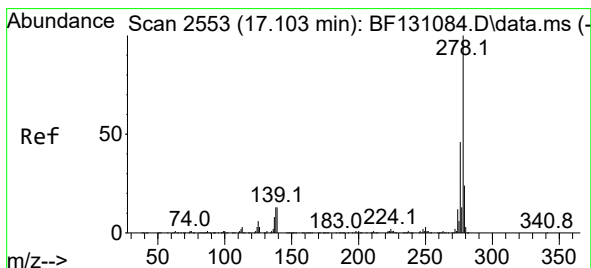
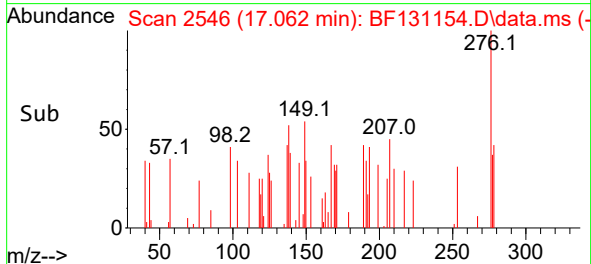
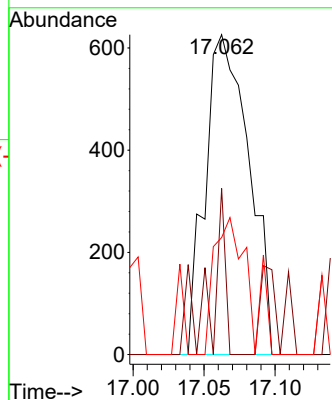
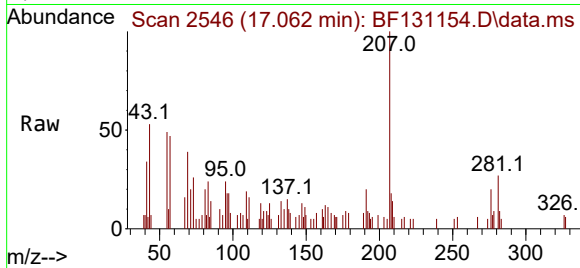




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.032 ng
 RT: 17.062 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF131154.D
 Acq: 11 Nov 2022 14:35

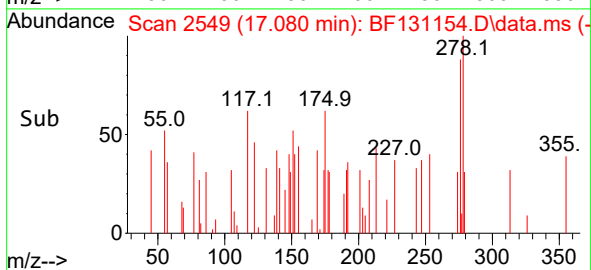
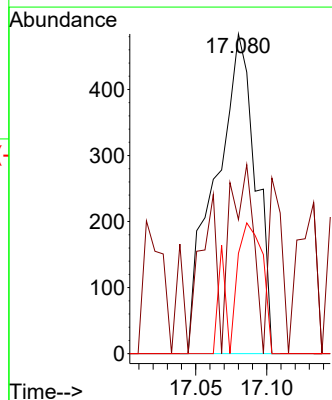
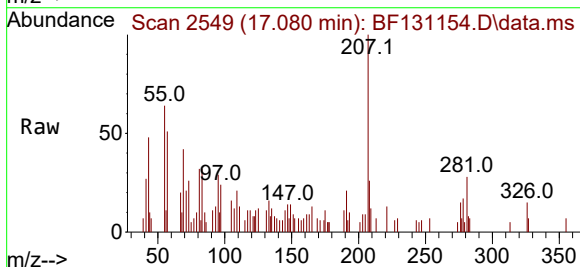
Instrument :
 BNA_F
 ClientSampleId :
 NMS-CONCRETE-1108

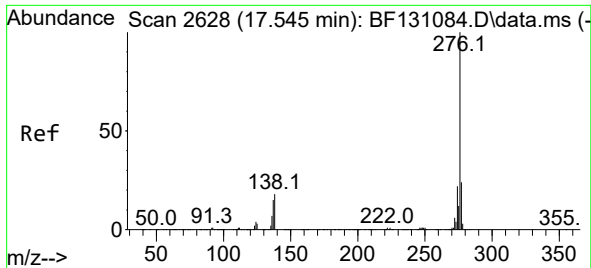
Tgt Ion:276 Resp: 1343
 Ion Ratio Lower Upper
 276 100
 138 13.0 16.9 25.3#
 277 34.2 20.3 30.5#



#91
 Dibenzo(a,h)anthracene
 Concen: 3.986 ng
 RT: 17.080 min Scan# 2549
 Delta R.T. -0.023 min
 Lab File: BF131154.D
 Acq: 11 Nov 2022 14:35

Tgt Ion:278 Resp: 956
 Ion Ratio Lower Upper
 278 100
 139 41.9 10.8 16.2#
 279 31.4 19.2 28.8#





#92
Benzo(g,h,i)perylene
Concen: 4.578 ng
RT: 17.515 min Scan# 20
Delta R.T. -0.030 min
Lab File: BF131154.D
Acq: 11 Nov 2022 14:35

Instrument :
BNA_F
ClientSampleId :
NMS-CONCRETE-1108

Tgt Ion:276 Resp: 1482
Ion Ratio Lower Upper
276 100
277 0.0 19.0 28.4#
138 24.5 14.6 21.8#

