

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
 Data File : BF134715.D
 Acq On : 10 Aug 2023 18:27
 Operator : CG\JU
 Sample : 03954-16 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20

Quant Time: Aug 11 03:56:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

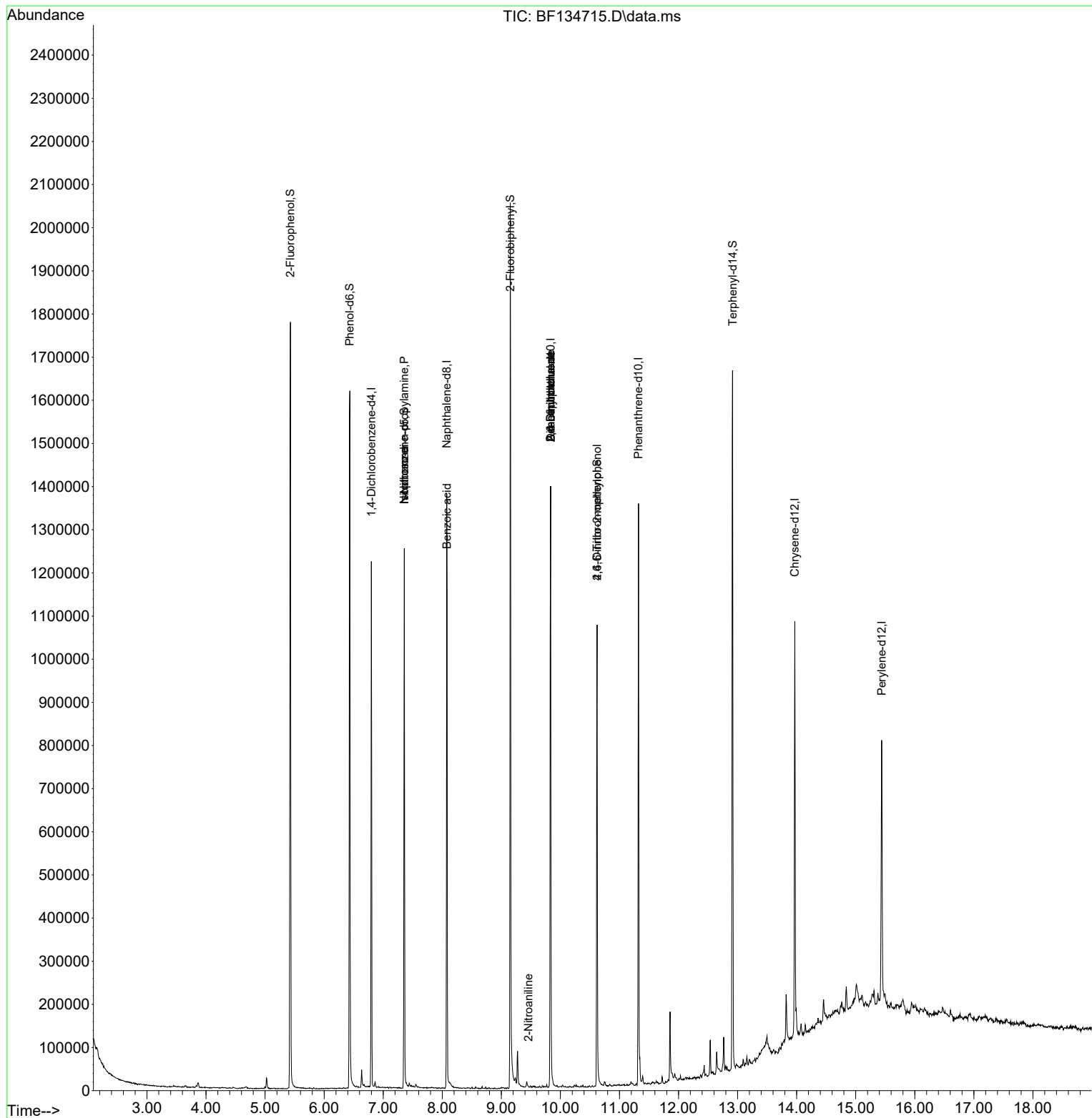
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	158504	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	594670	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	281537	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	457462	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	319865	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	295877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	470570	45.129	ng	0.00
7) Phenol-d6	6.434	99	564670	42.363	ng	0.00
23) Nitrobenzene-d5	7.357	82	343182	36.064	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	131979	45.986	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	675178	39.874	ng	-0.01
79) Terphenyl-d14	12.916	244	610029	33.620	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.357	77	190	Below Cal	#	73
19) n-Nitroso-di-n-propyla...	7.357	70	46247	5.795	ng	# 73
25) Isophorone	7.357	82	341879	16.472	ng	# 65
32) Benzoic acid	8.081	122	160	7.889	ng	# 1
48) 2-Nitroaniline	9.457	65	64	3.178	ng	# 8
50) Dimethylphthalate	9.834	163	55886	2.912	ng	# 1
51) 2,6-Dinitrotoluene	9.834	165	36699	11.345	ng	# 17
57) 2,4-Dinitrotoluene	9.834	165	36699	10.120	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	328	8.844	ng	# 1

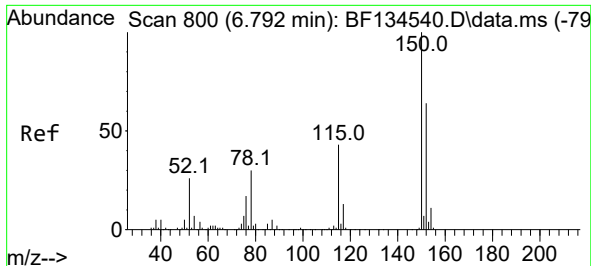
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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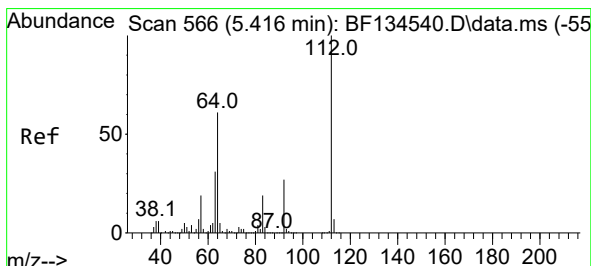
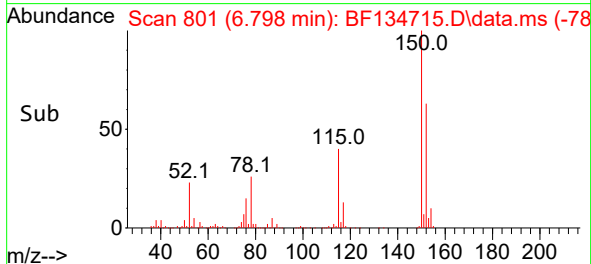
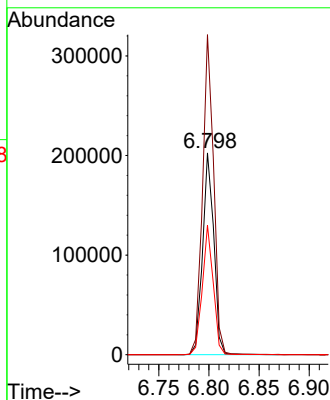
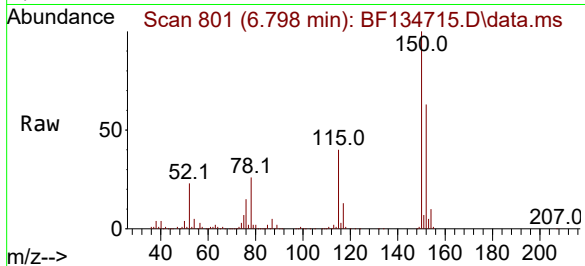




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

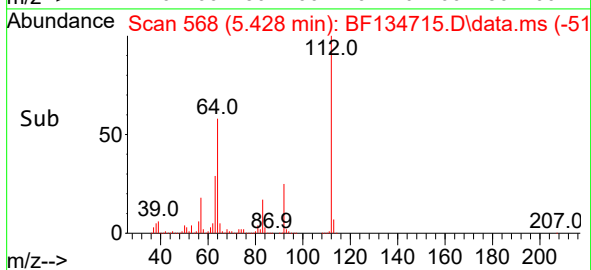
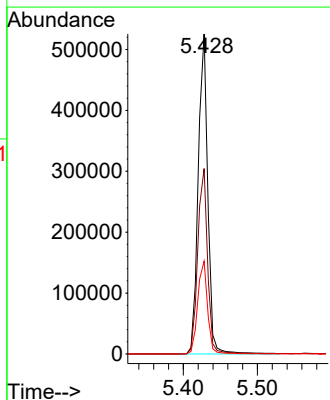
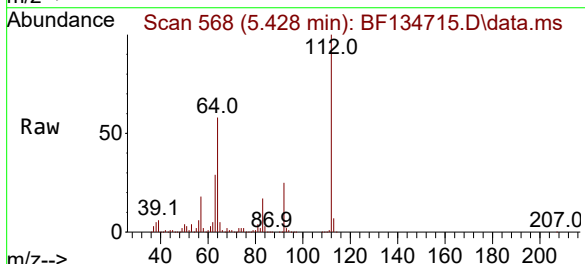
Instrument :
BNA_F
ClientSampleId :
WC-20

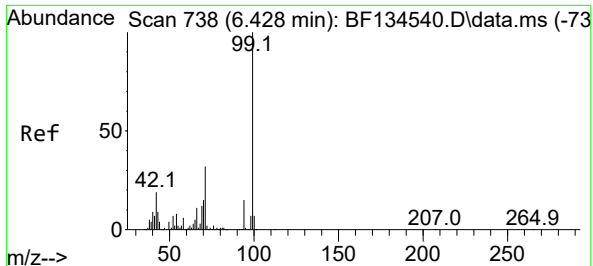
Tgt Ion:152 Resp: 158504
Ion Ratio Lower Upper
152 100
150 158.6 128.3 192.5
115 64.1 52.4 78.6



#5
2-Fluorophenol
Concen: 45.129 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

Tgt Ion:112 Resp: 470570
Ion Ratio Lower Upper
112 100
64 58.0 44.9 67.3
63 29.0 25.4 38.0

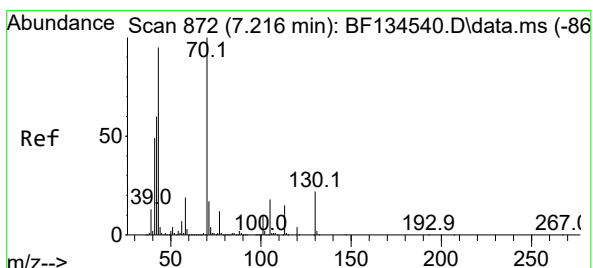
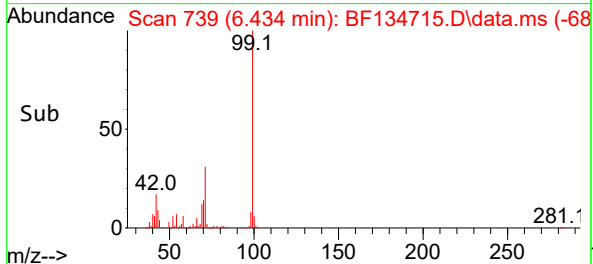
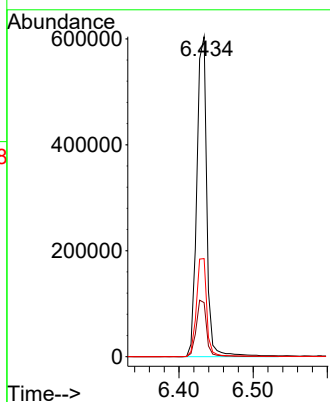
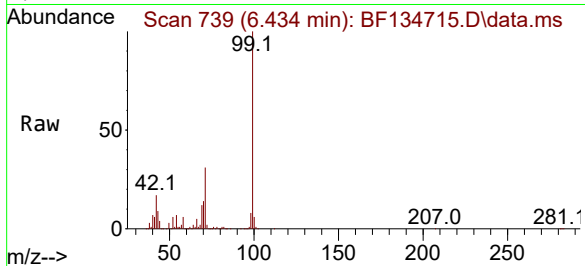




#7
Phenol-d6
Concen: 42.363 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

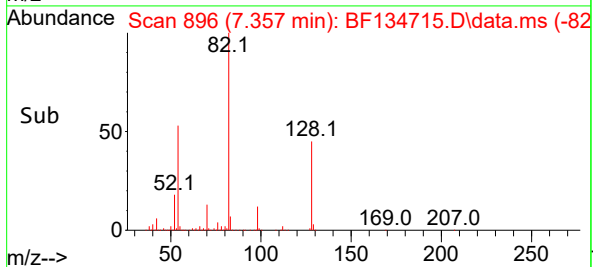
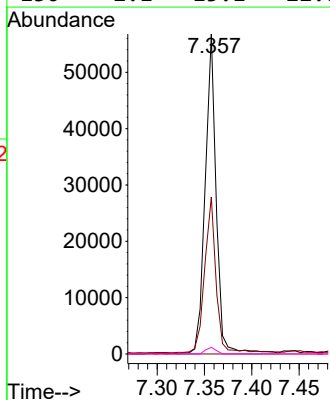
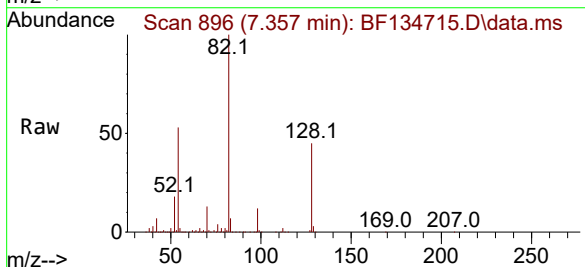
Instrument :
BNA_F
ClientSampleId :
WC-20

Tgt Ion: 99 Resp: 564670
Ion Ratio Lower Upper
99 100
42 16.9 18.7 28.1#
71 30.6 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 5.795 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

Tgt Ion: 70 Resp: 46247
Ion Ratio Lower Upper
70 100
42 49.0 54.7 82.1#
101 0.0 8.2 12.2#
130 2.1 15.1 22.7#

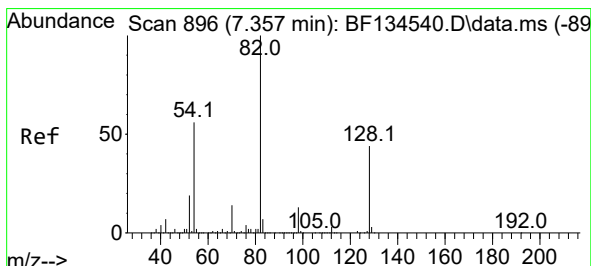
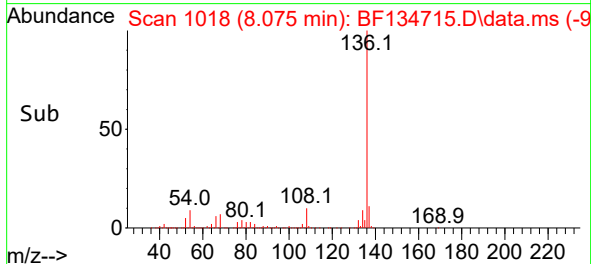
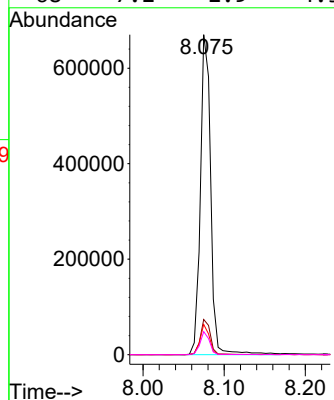
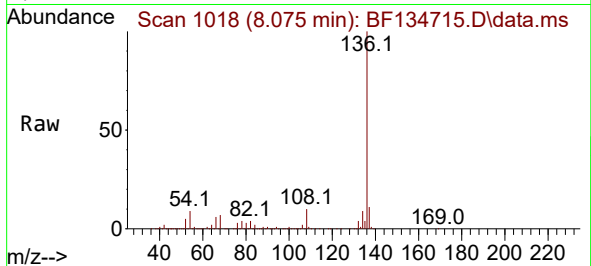




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

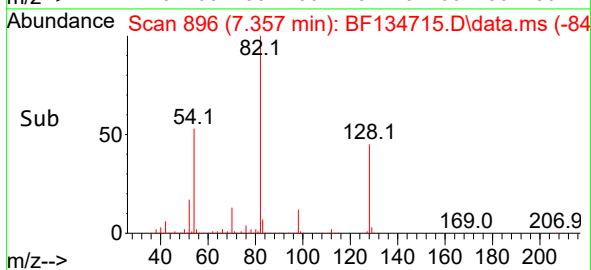
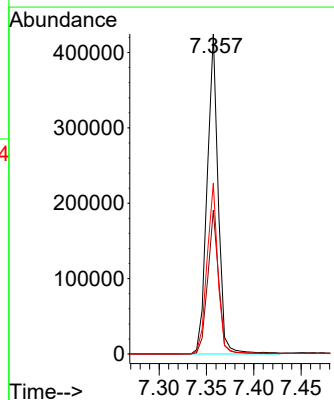
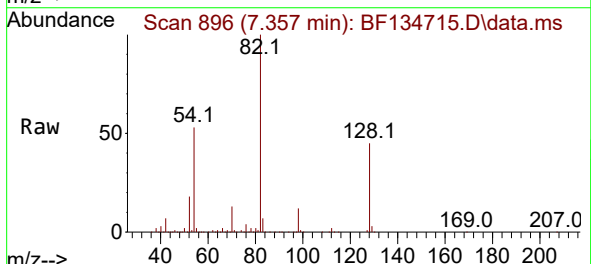
Instrument :
BNA_F
ClientSampleId :
WC-20

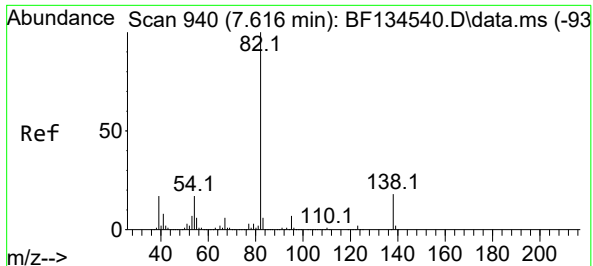
Tgt Ion:136 Resp: 594670
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 9.5 5.2 7.8#
68 7.2 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 36.064 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

Tgt Ion: 82 Resp: 343182
Ion Ratio Lower Upper
82 100
128 44.9 34.3 51.5
54 53.4 43.8 65.6

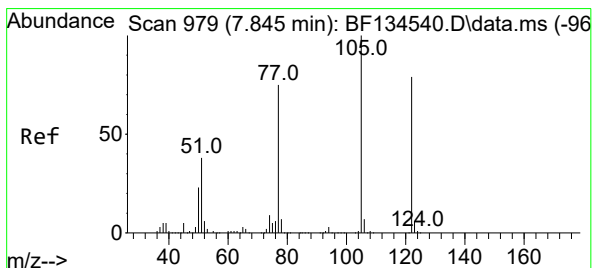
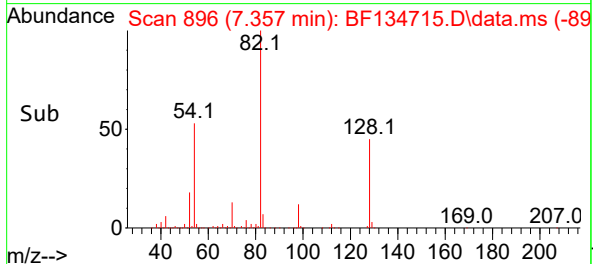
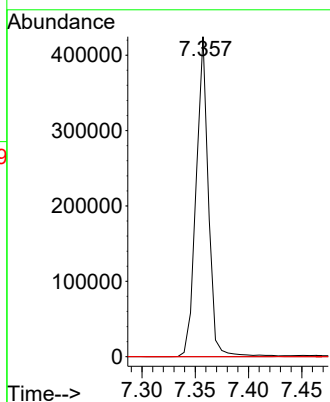
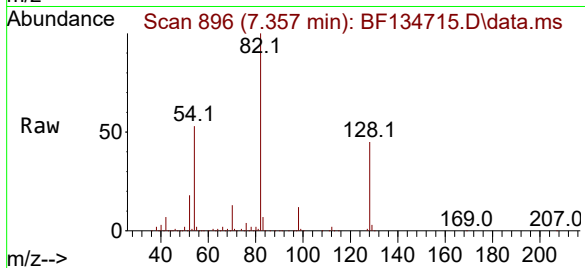




#25
Isophorone
Concen: 16.472 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.270 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

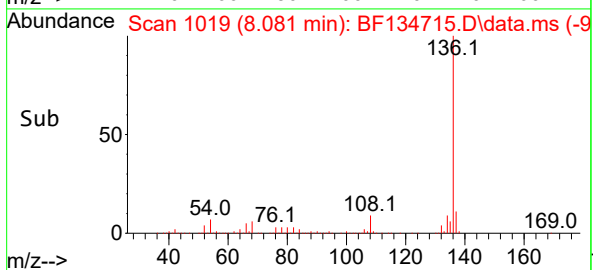
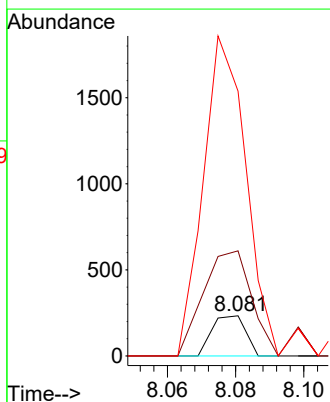
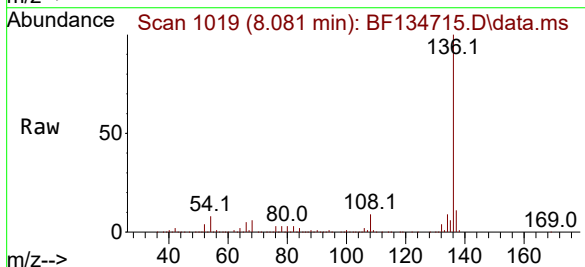
Instrument :
BNA_F
ClientSampleId :
WC-20

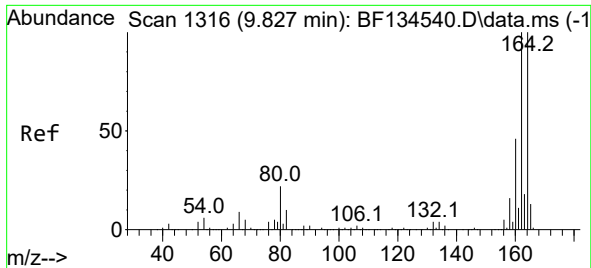
Tgt Ion: 82 Resp: 341879
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.889 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.218 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

Tgt Ion:122 Resp: 160
Ion Ratio Lower Upper
122 100
105 262.2 87.5 127.5#
77 660.1 71.4 111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134715.D

Acq: 10 Aug 2023 18:27

Instrument :

BNA_F

ClientSampleId :

WC-20

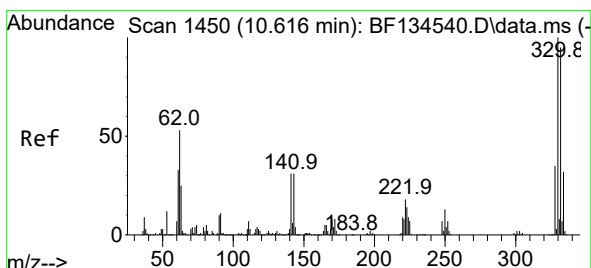
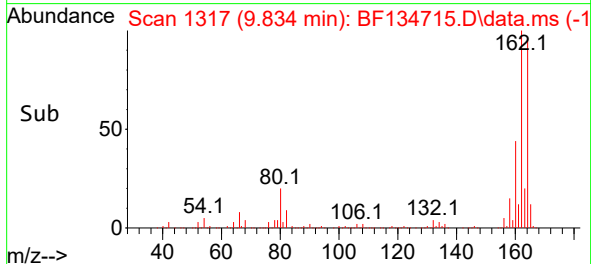
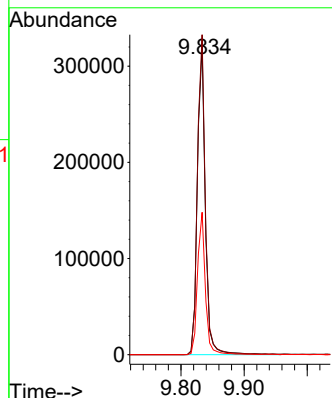
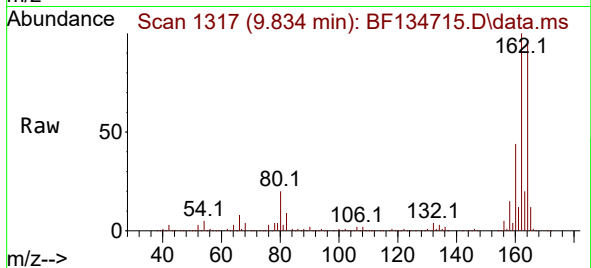
Tgt Ion:164 Resp: 281537

Ion Ratio Lower Upper

164 100

162 103.7 82.6 123.8

160 46.1 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 45.986 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134715.D

Acq: 10 Aug 2023 18:27

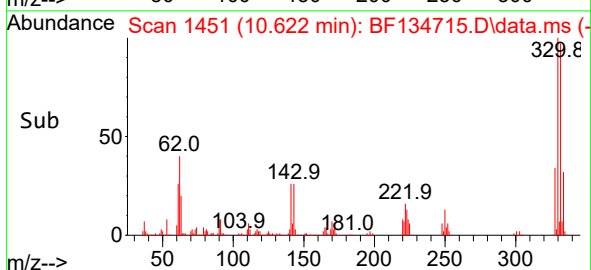
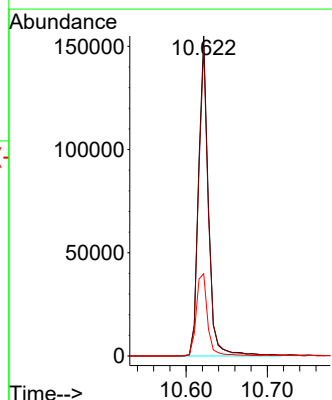
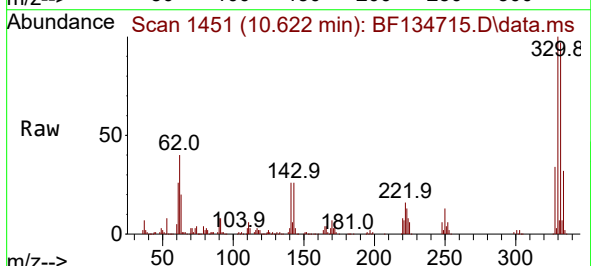
Tgt Ion:330 Resp: 131979

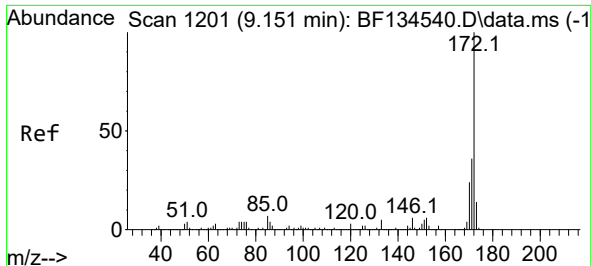
Ion Ratio Lower Upper

330 100

332 97.2 78.8 118.2

141 29.6 25.4 38.2

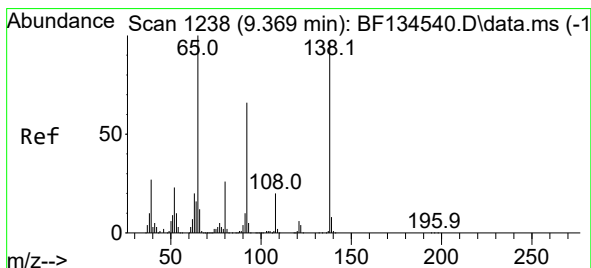
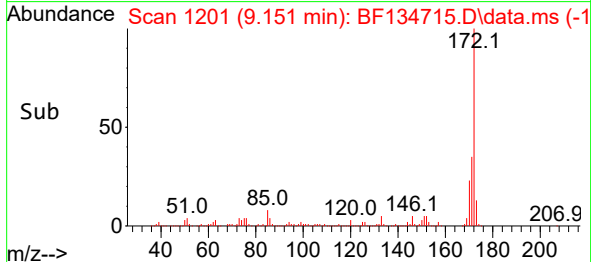
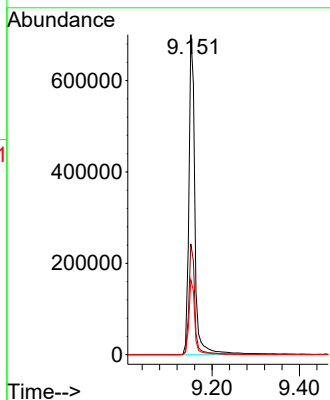
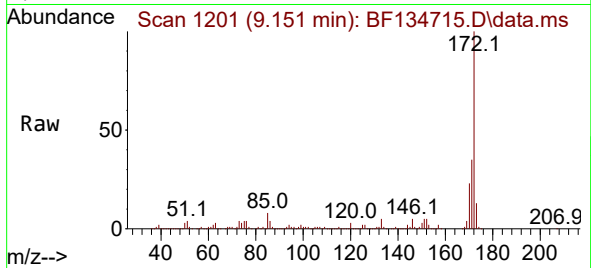




#45
2-Fluorobiphenyl
Concen: 39.874 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

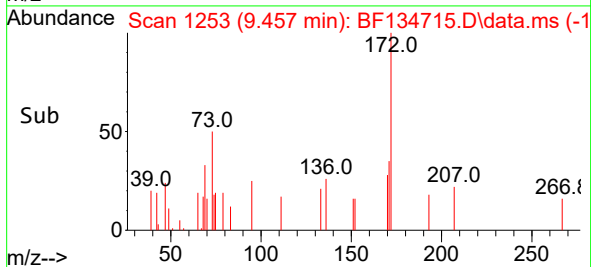
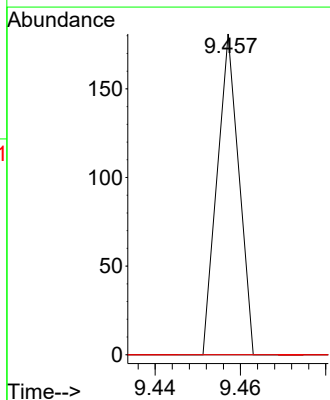
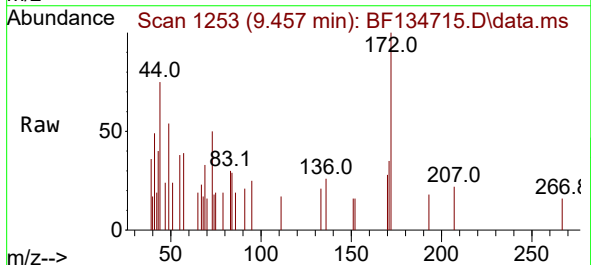
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WC-20

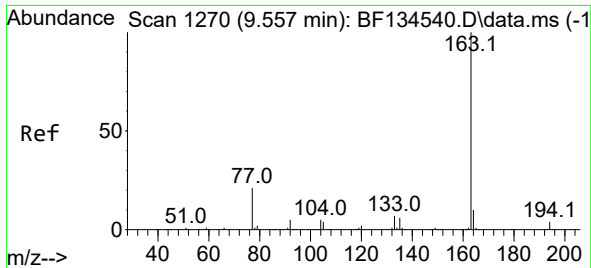
Tgt Ion:172 Resp: 675178
Ion Ratio Lower Upper
172 100
171 34.7 28.8 43.2
170 23.5 18.7 28.1



#48
2-Nitroaniline
Concen: 3.178 ng
RT: 9.457 min Scan# 1253
Delta R.T. 0.077 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

Tgt Ion: 65 Resp: 64
Ion Ratio Lower Upper
65 100
92 0.0 50.7 76.1#
138 0.0 78.2 117.4#

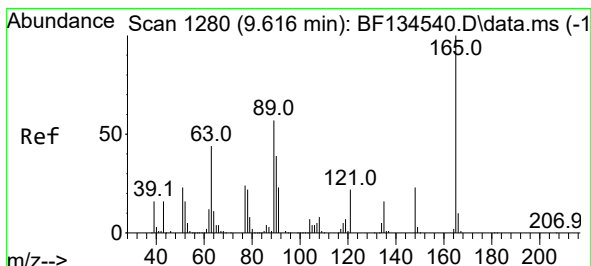
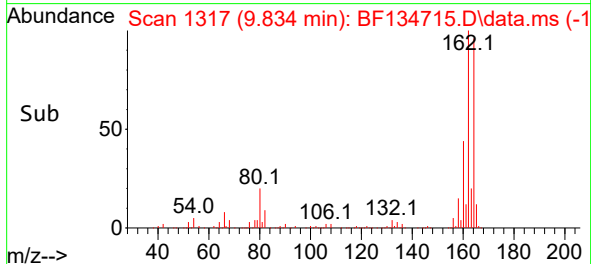
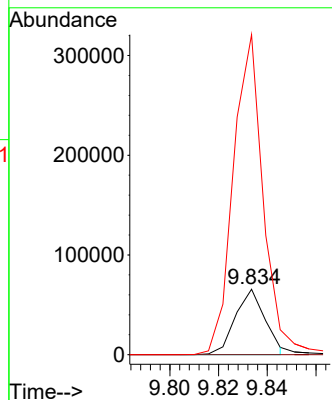
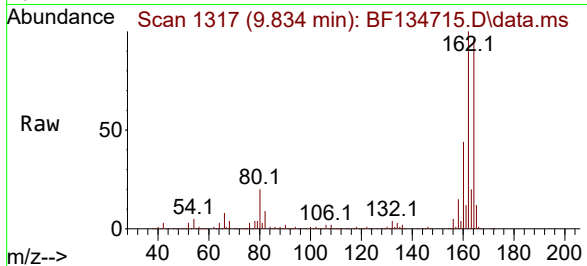




#50
Dimethylphthalate
Concen: 2.912 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

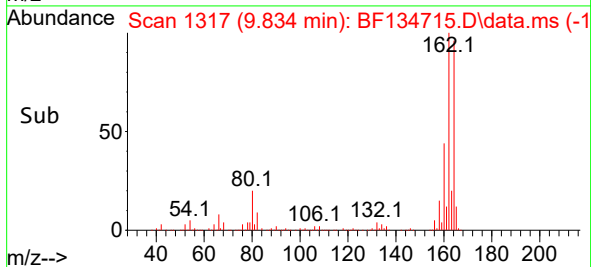
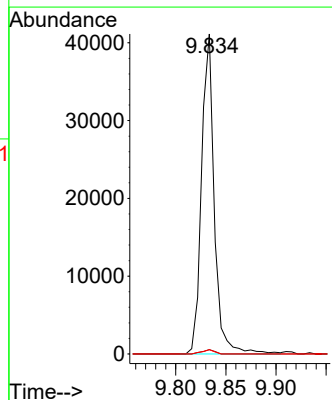
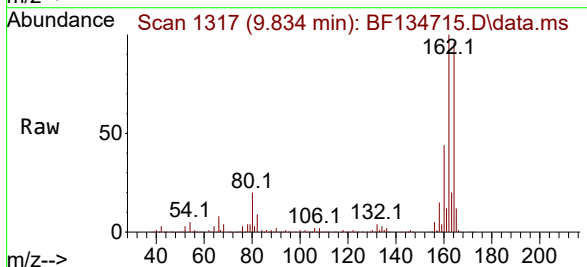
Instrument :
BNA_F
ClientSampleId :
WC-20

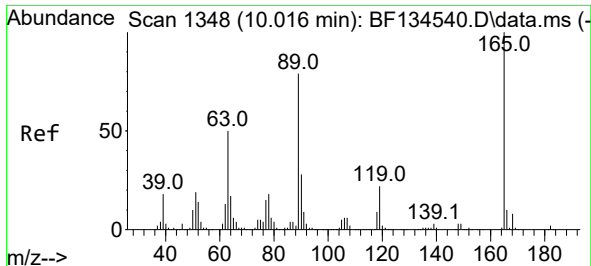
Tgt Ion:163 Resp: 55886
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 488.4 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.345 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

Tgt Ion:165 Resp: 36699
Ion Ratio Lower Upper
165 100
63 1.3 57.8 86.6#
89 1.4 51.8 77.8#

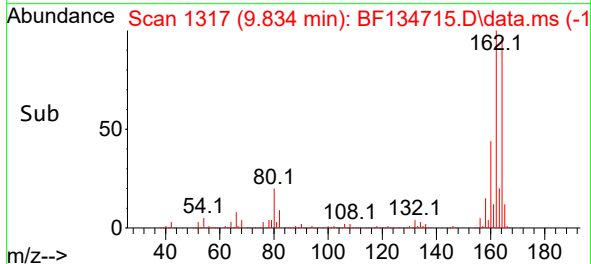
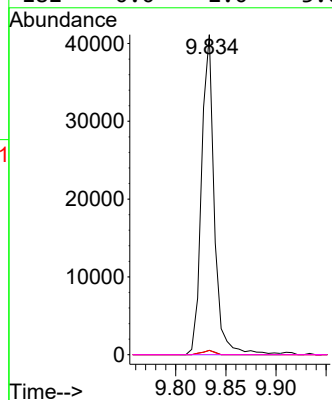
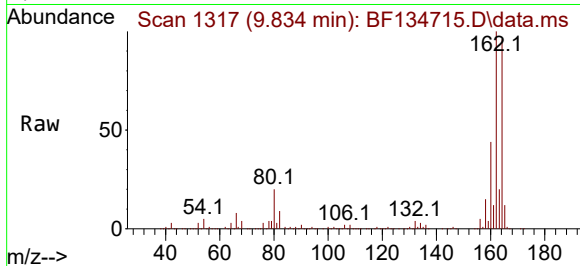




#57
2,4-Dinitrotoluene
Concen: 10.120 ng
RT: 9.834 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

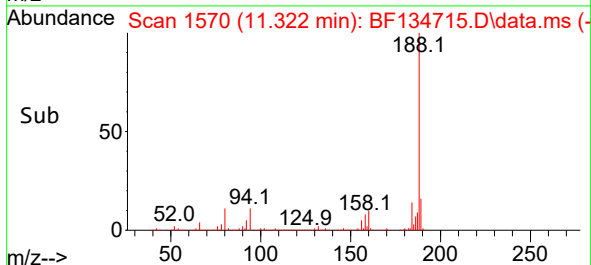
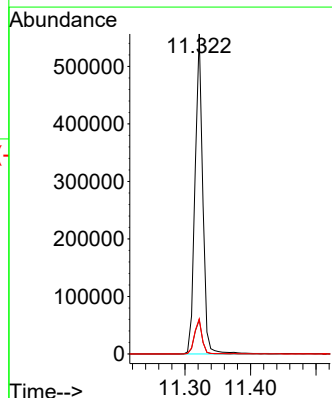
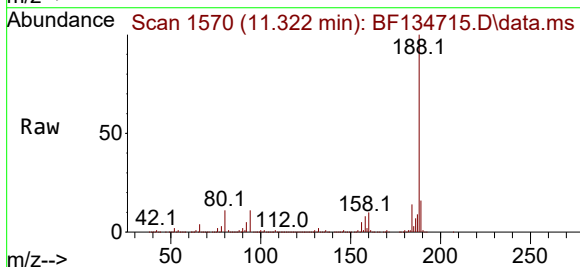
Instrument :
BNA_F
ClientSampleId :
WC-20

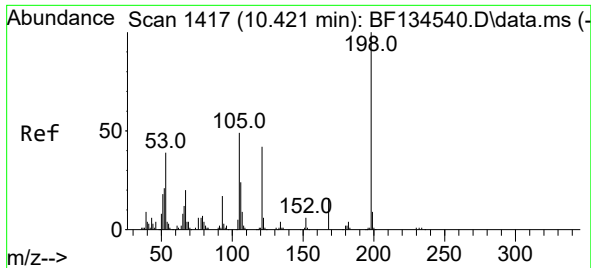
Tgt Ion:165 Resp: 36699
Ion Ratio Lower Upper
165 100
63 1.3 48.9 73.3#
89 1.4 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

Tgt Ion:188 Resp: 457462
Ion Ratio Lower Upper
188 100
94 10.6 5.1 7.7#
80 11.0 6.6 9.8#

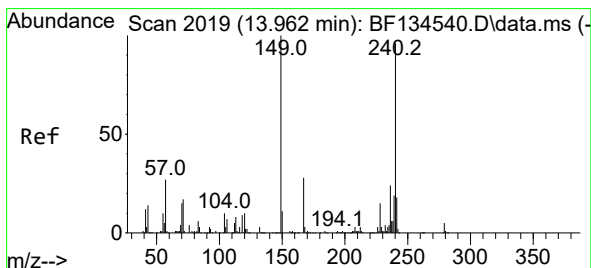
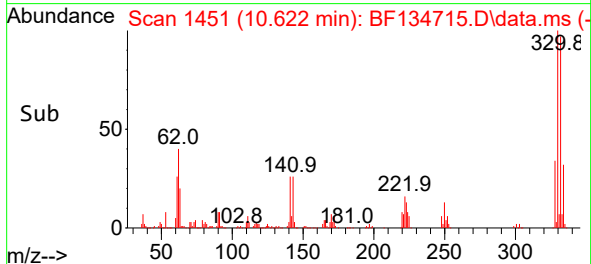
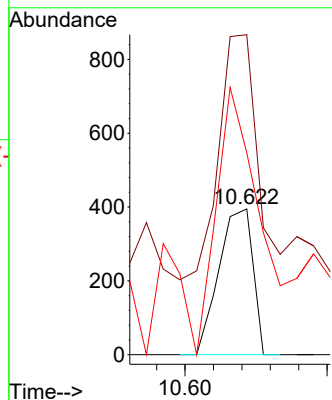
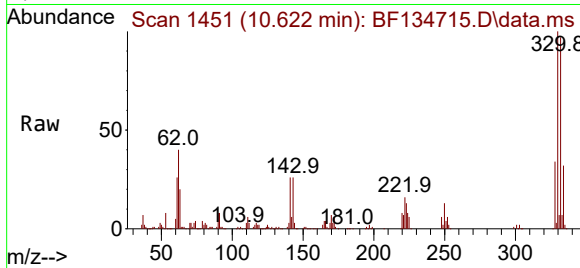




#65
4,6-Dinitro-2-methylphenol
Concen: 8.844 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.182 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

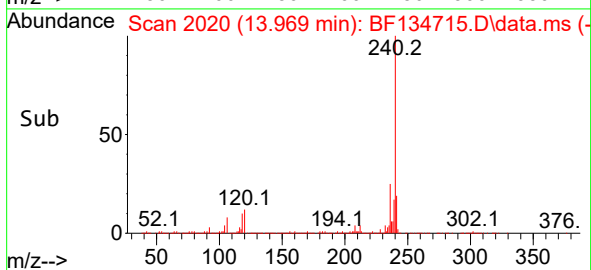
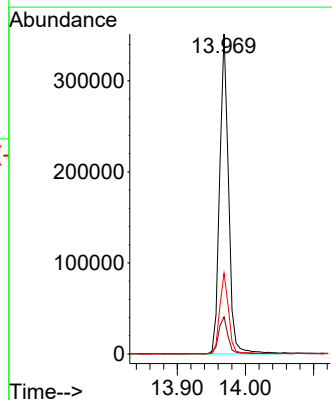
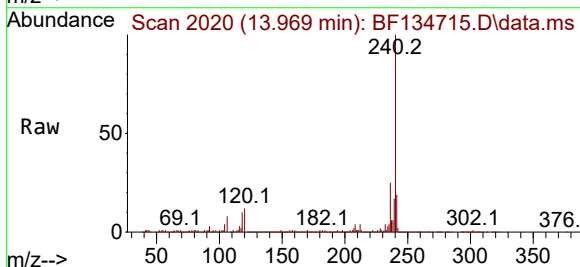
Instrument :
BNA_F
ClientSampleId :
WC-20

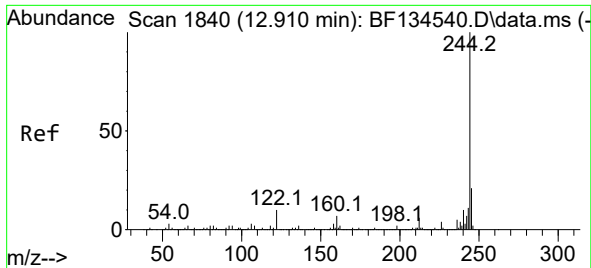
Tgt Ion:198 Resp: 328
Ion Ratio Lower Upper
198 100
51 219.5 38.6 78.6#
105 138.5 27.9 67.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134715.D
Acq: 10 Aug 2023 18:27

Tgt Ion:240 Resp: 319865
Ion Ratio Lower Upper
240 100
120 11.6 6.6 10.0#
236 25.2 20.2 30.2

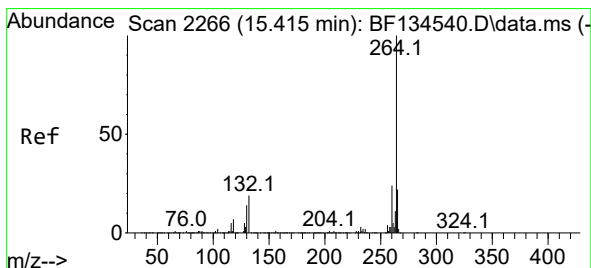
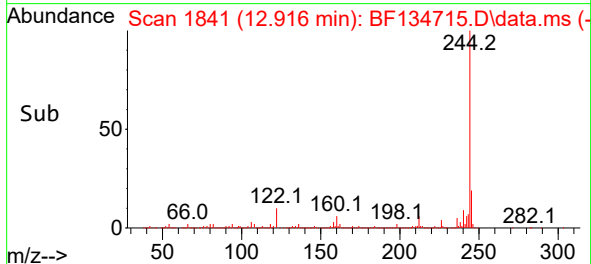
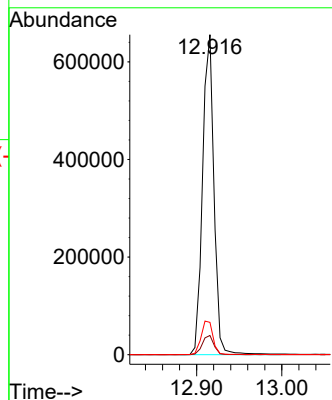
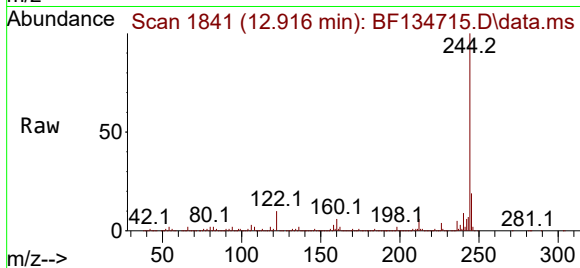




#79
 Terphenyl-d14
 Concen: 33.620 ng
 RT: 12.916 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134715.D
 Acq: 10 Aug 2023 18:27

Instrument :
 BNA_F
 ClientSampleId :
 WC-20

Tgt Ion:244 Resp: 610029
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.6 8.4
 122 10.1 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF134715.D
 Acq: 10 Aug 2023 18:27

Tgt Ion:264 Resp: 295877
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 22.2 15.8 23.8

