

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072223\
 Data File : BF134421.D
 Acq On : 22 Jul 2023 14:29
 Operator : CG\JU
 Sample : 03669-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-AVE-1

Quant Time: Jul 22 15:09:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

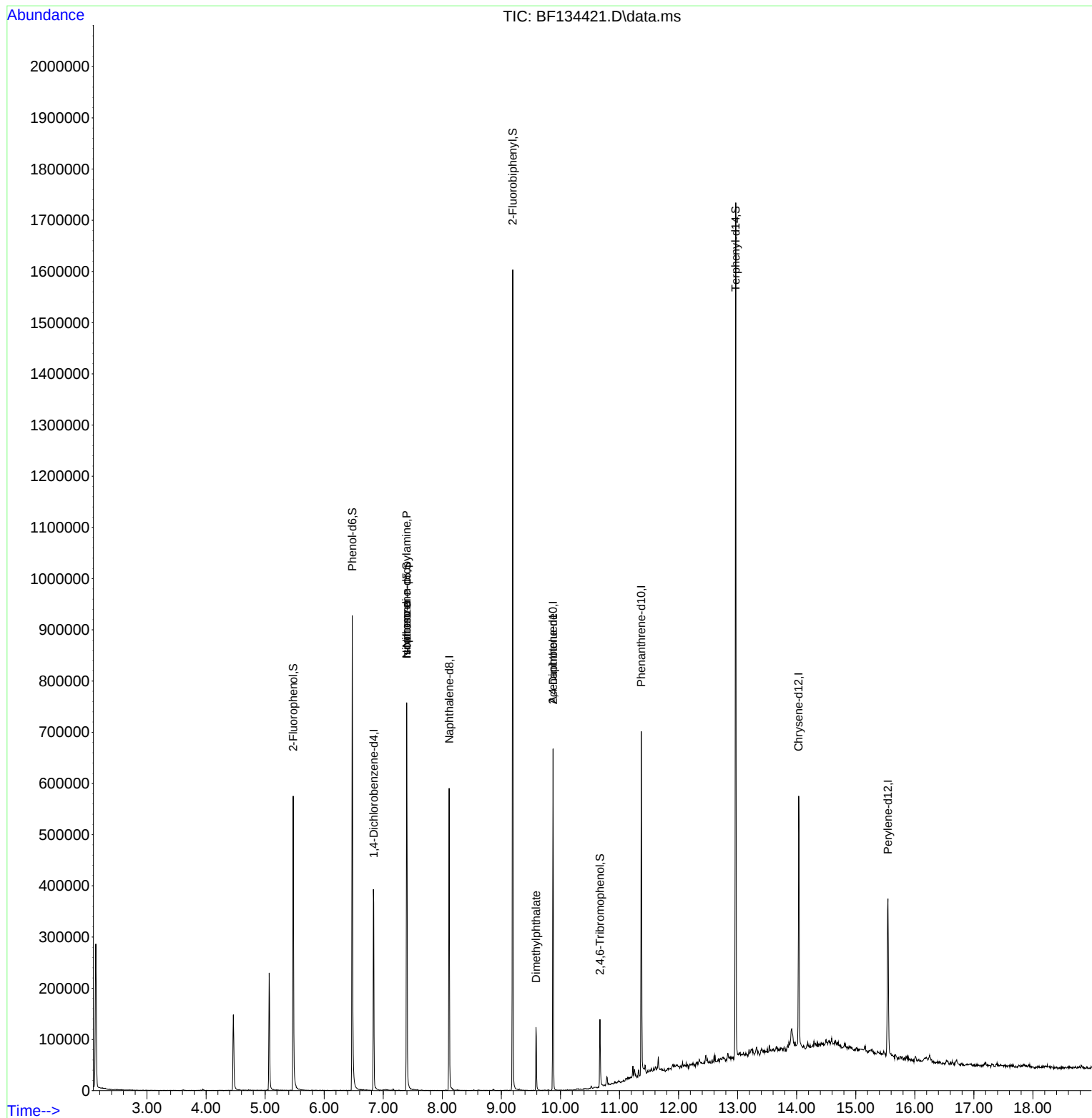
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	60282	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	233786	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	119650	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	238549	20.000	ng	0.00
76) Chrysene-d12	14.033	240	172917	20.000	ng	0.00
86) Perylene-d12	15.545	264	157749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	146118	40.546	ng	0.00
7) Phenol-d6	6.475	99	270014	60.925	ng	-0.01
23) Nitrobenzene-d5	7.398	82	209931	48.405	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	17914	11.941	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	433857	52.719	ng	-0.01
79) Terphenyl-d14	12.969	244	536487	49.933	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.475	77	393	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	30616	10.893	ng	# 76
25) Isophorone	7.398	82	209965	26.638	ng	# 64
50) Dimethylphthalate	9.586	163	48603	5.596	ng	99
57) 2,4-Dinitrotoluene	9.875	165	15403	6.235	ng	# 22

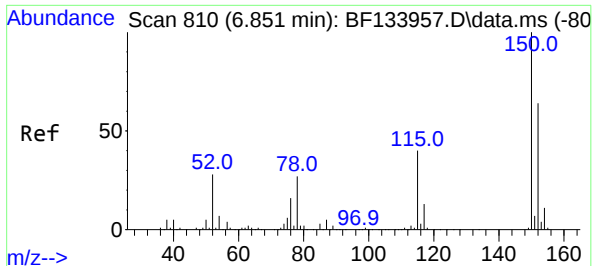
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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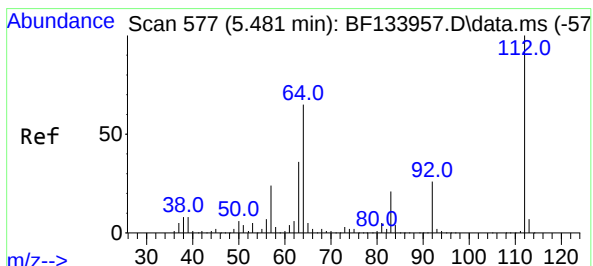
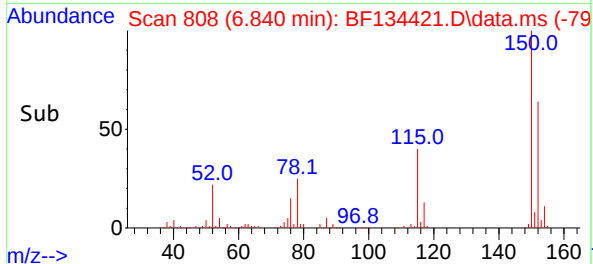
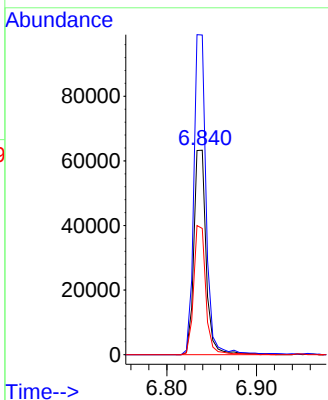
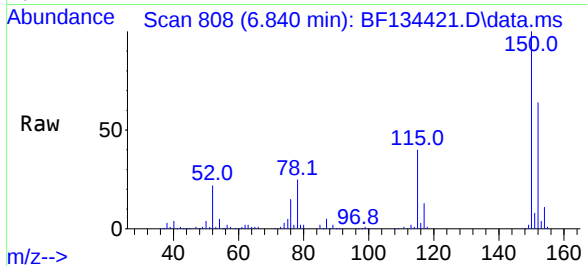




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 810
Delta R.T. -0.005 min
Lab File: BF134421.D
Acq: 22 Jul 2023 14:29

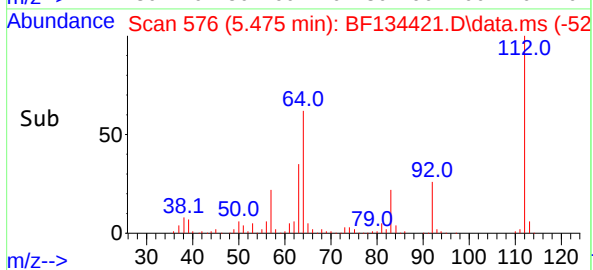
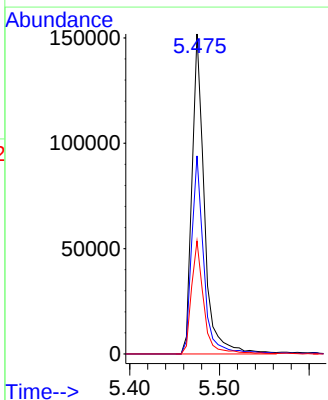
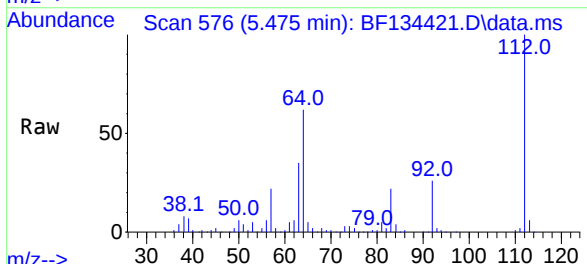
Instrument :
BNA_F
ClientSampleId :
DEL-AVE-1

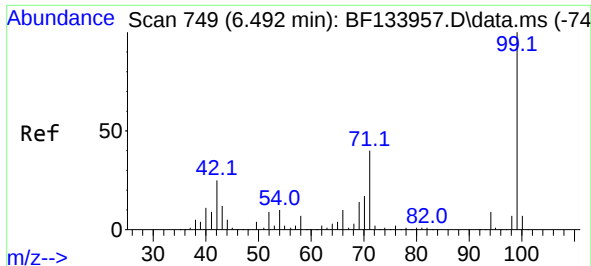
Tgt Ion:152 Resp: 60282
Ion Ratio Lower Upper
152 100
150 156.3 124.5 186.7
115 61.8 50.2 75.2



#5
2-Fluorophenol
Concen: 40.546 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134421.D
Acq: 22 Jul 2023 14:29

Tgt Ion:112 Resp: 146118
Ion Ratio Lower Upper
112 100
64 61.9 52.1 78.1
63 35.3 28.6 42.8

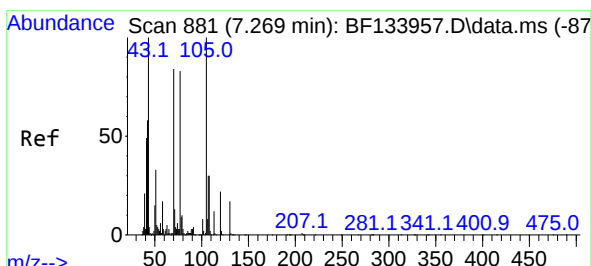
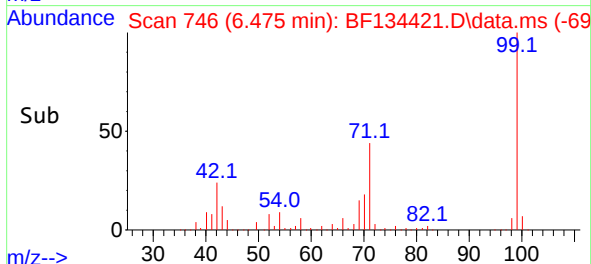
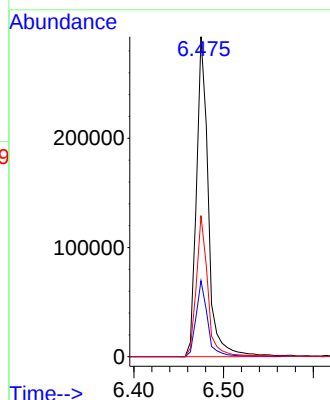
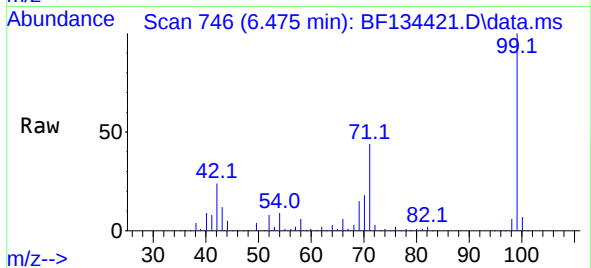




#7
Phenol-d6
Concen: 60.925 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134421.D
Acq: 22 Jul 2023 14:29

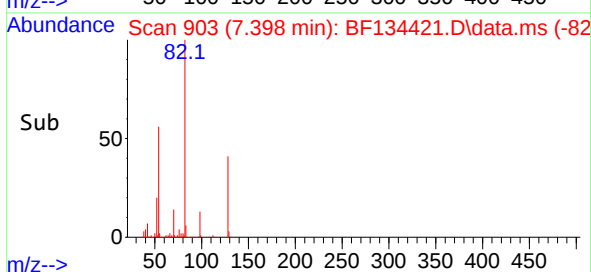
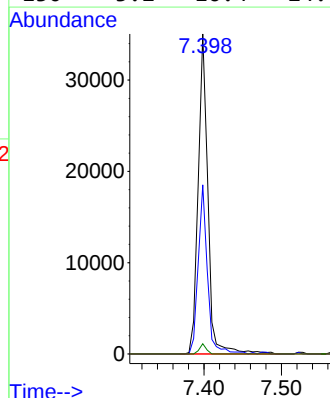
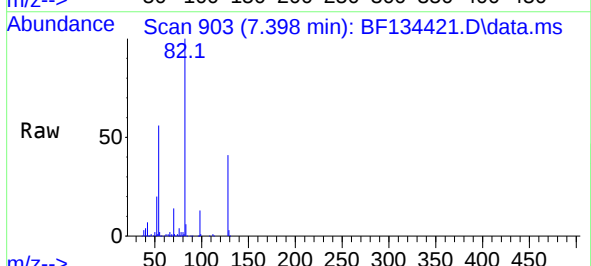
Instrument :
BNA_F
ClientSampleId :
DEL-AVE-1

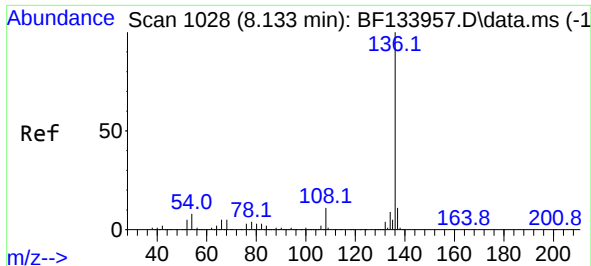
Tgt Ion: 99 Resp: 270014
Ion Ratio Lower Upper
99 100
42 23.8 19.8 29.6
71 44.1 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 10.893 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF134421.D
Acq: 22 Jul 2023 14:29

Tgt Ion: 70 Resp: 30616
Ion Ratio Lower Upper
70 100
42 52.8 54.7 82.1#
101 0.0 7.7 11.5#
130 3.2 16.4 24.6#



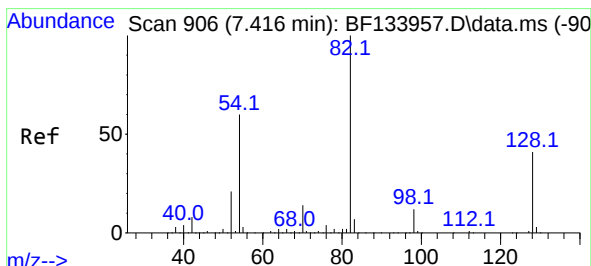
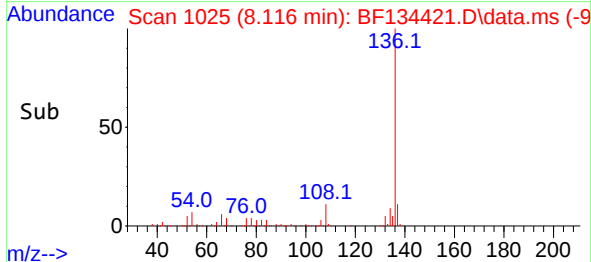
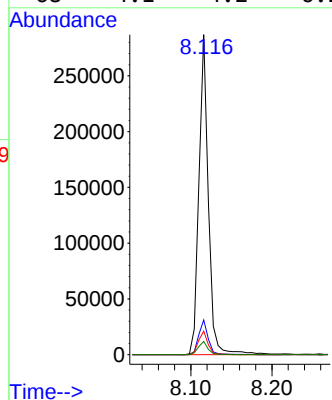
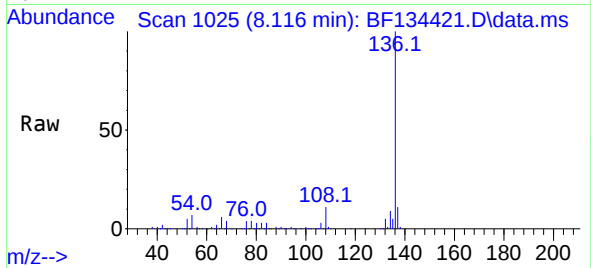


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF134421.D
Acq: 22 Jul 2023 14:29

Instrument :
BNA_F
ClientSampleId :
DEL-AVE-1

Tgt Ion:136 Resp: 233786

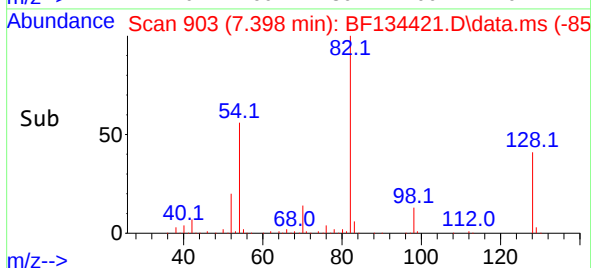
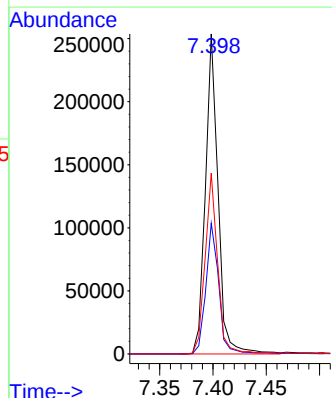
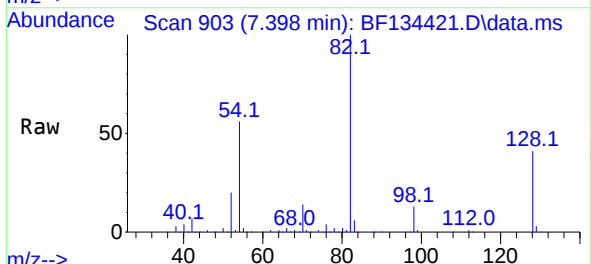
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.4	6.5	9.7
68	4.1	4.2	6.2

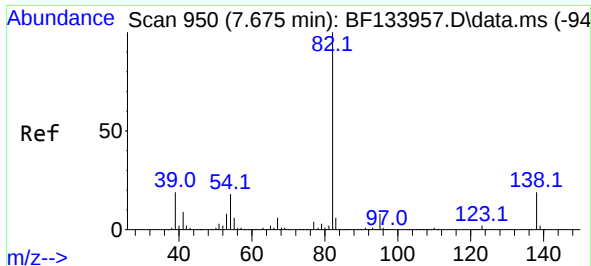


#23
Nitrobenzene-d5
Concen: 48.405 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF134421.D
Acq: 22 Jul 2023 14:29

Tgt Ion: 82 Resp: 209931

Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.5	48.7
54	56.5	48.2	72.2

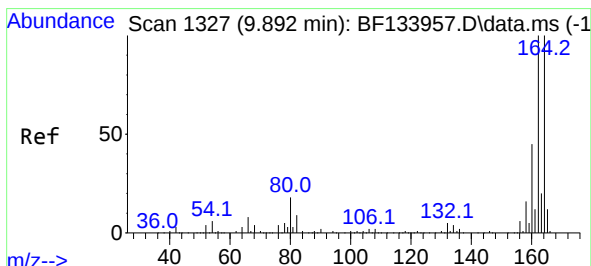
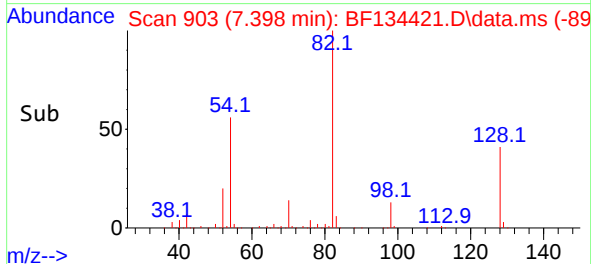
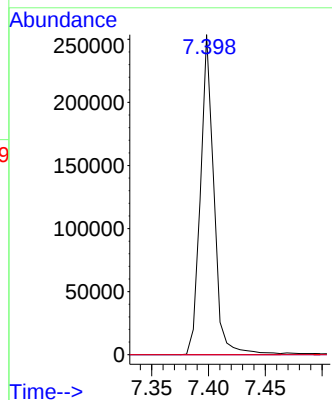
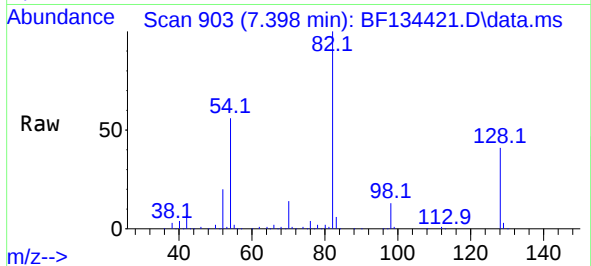




#25
Isophorone
Concen: 26.638 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134421.D
Acq: 22 Jul 2023 14:29

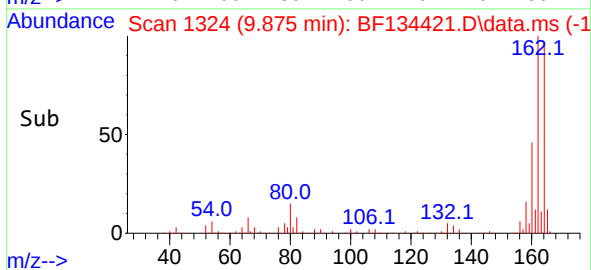
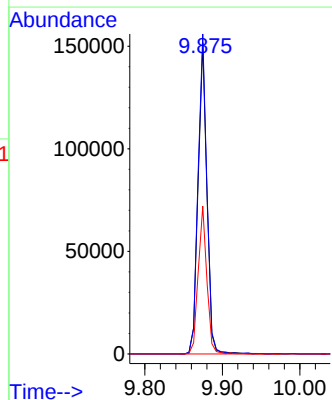
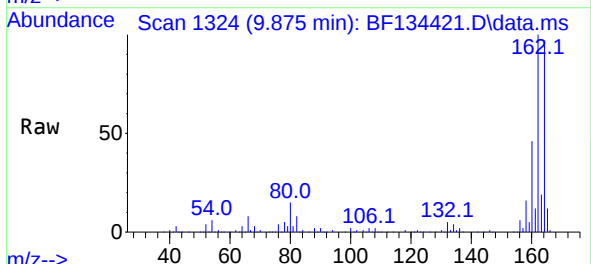
Instrument :
BNA_F
ClientSampleId :
DEL-AVE-1

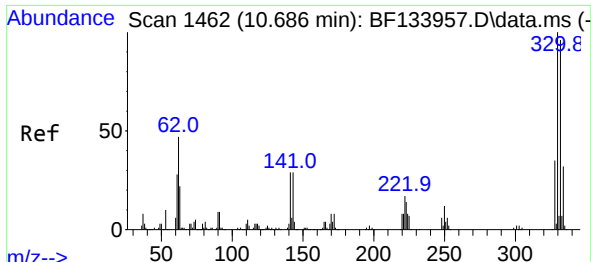
Tgt Ion: 82 Resp: 209965
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134421.D
Acq: 22 Jul 2023 14:29

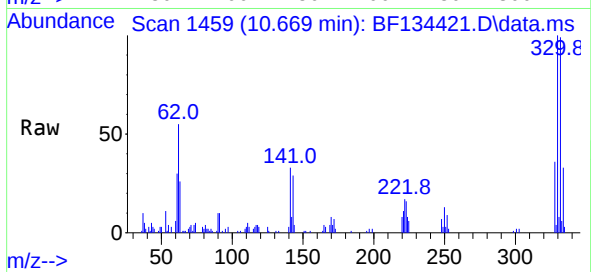
Tgt Ion:164 Resp: 119650
Ion Ratio Lower Upper
164 100
162 102.8 80.0 120.0
160 47.5 35.9 53.9



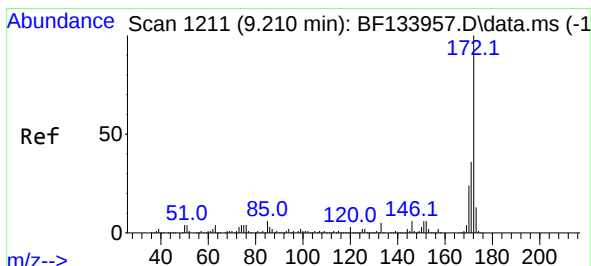
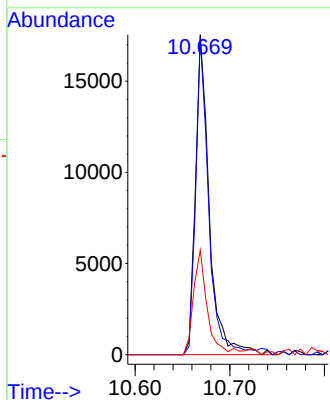
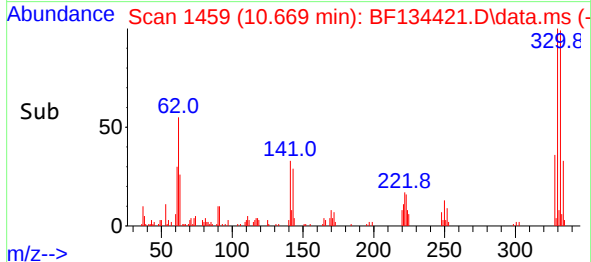


#42
2,4,6-Tribromophenol
Concen: 11.941 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134421.D
Acq: 22 Jul 2023 14:29

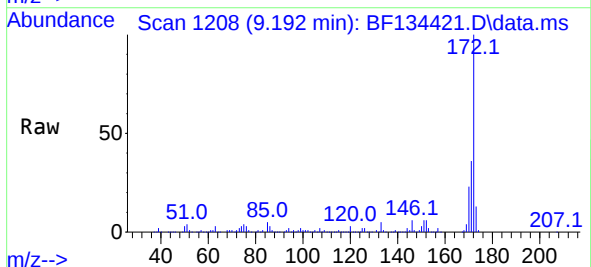
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BNA_F
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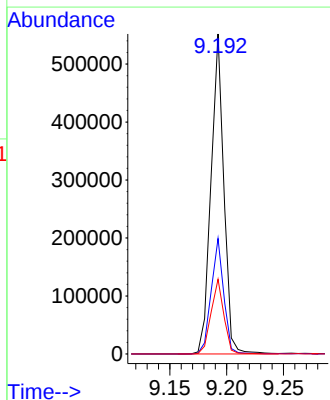
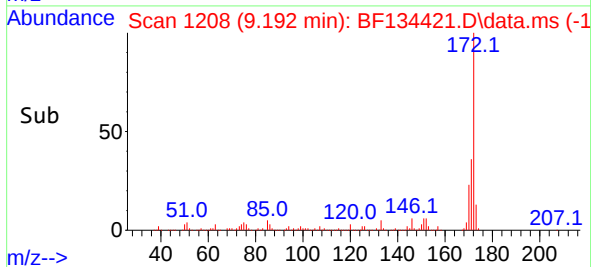
Tgt Ion:330 Resp: 17914
Ion Ratio Lower Upper
330 100
332 92.8 77.0 115.6
141 32.6 26.3 39.5

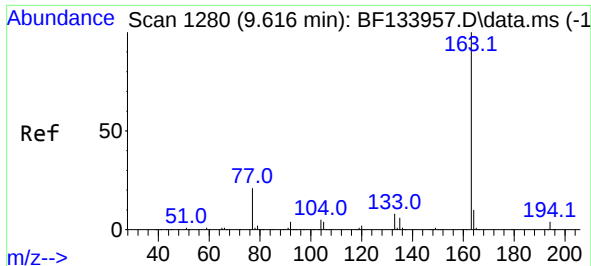


#45
2-Fluorobiphenyl
Concen: 52.719 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134421.D
Acq: 22 Jul 2023 14:29



Tgt Ion:172 Resp: 433857
Ion Ratio Lower Upper
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171 36.1 28.6 43.0
170 23.4 19.4 29.0

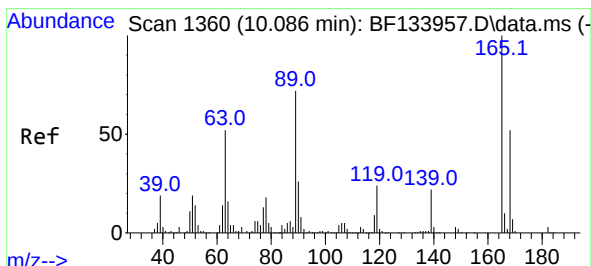
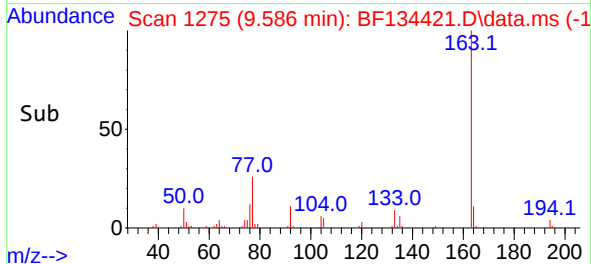
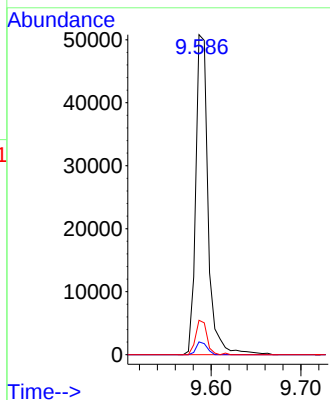
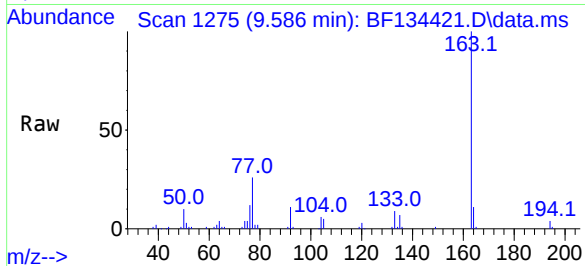




#50
Dimethylphthalate
Concen: 5.596 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF134421.D
Acq: 22 Jul 2023 14:29

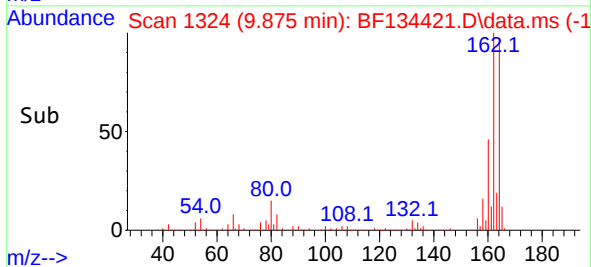
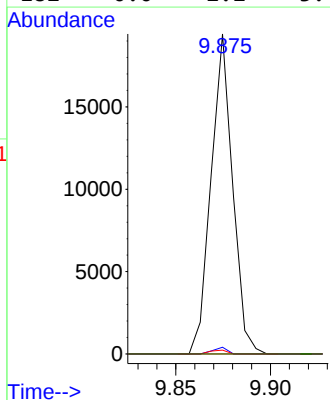
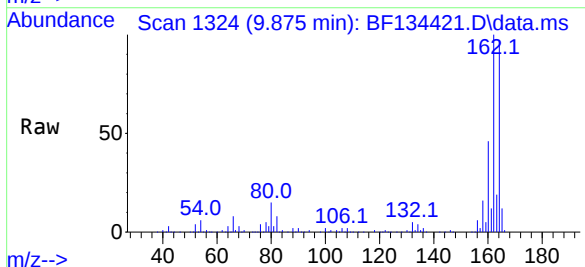
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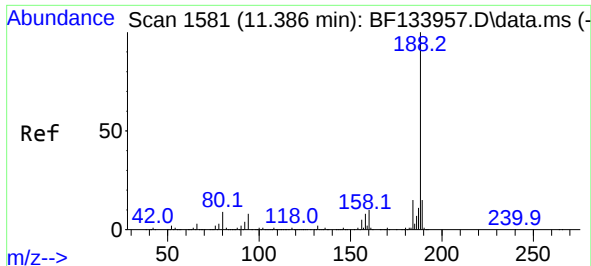
Tgt Ion:163 Resp: 48603
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.7 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 6.235 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF134421.D
Acq: 22 Jul 2023 14:29

Tgt Ion:165 Resp: 15403
Ion Ratio Lower Upper
165 100
63 2.1 42.2 63.2#
89 1.2 57.4 86.2#
182 0.0 2.2 3.4#

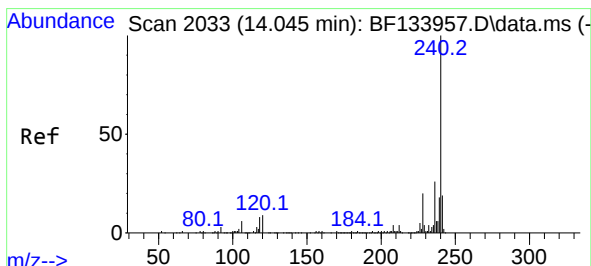
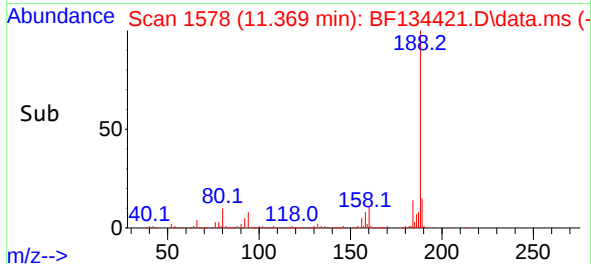
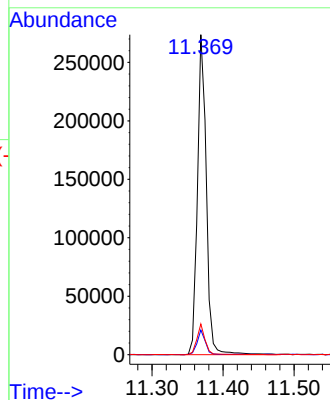
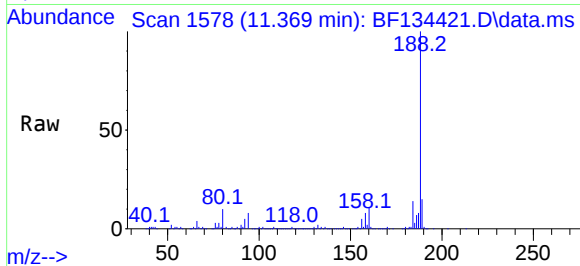




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134421.D
Acq: 22 Jul 2023 14:29

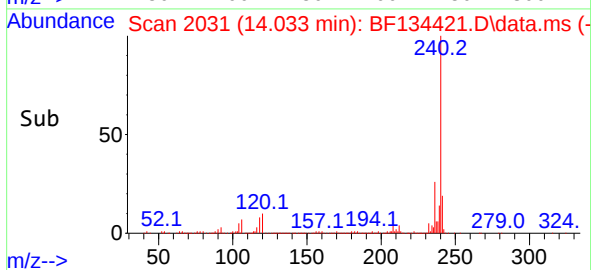
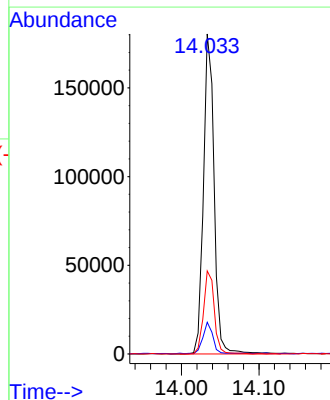
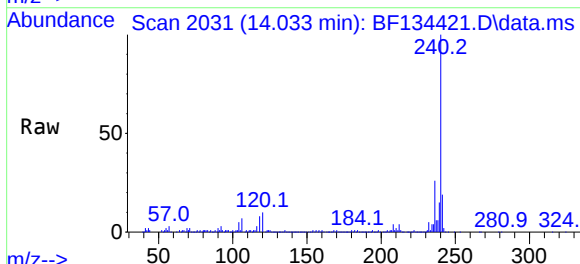
Instrument :
BNA_F
ClientSampleId :
DEL-AVE-1

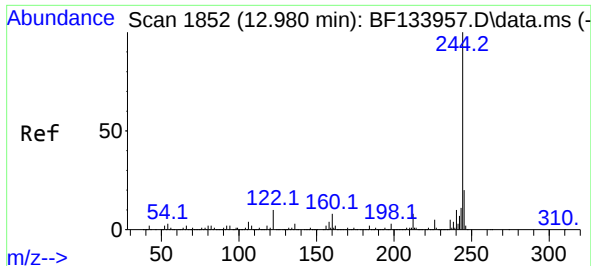
Tgt Ion:188 Resp: 238549
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 9.6 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134421.D
Acq: 22 Jul 2023 14:29

Tgt Ion:240 Resp: 172917
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.0
236 25.9 21.0 31.6

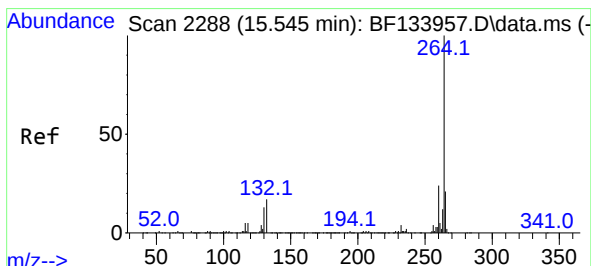
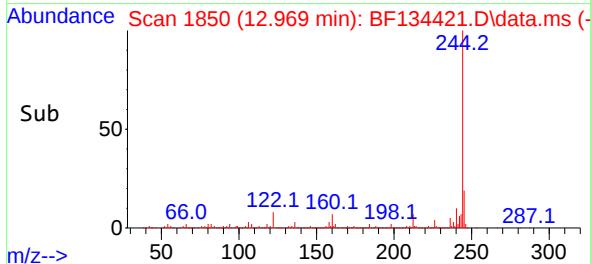
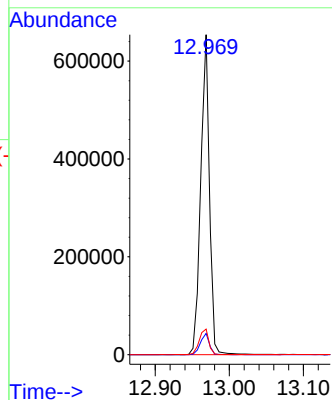
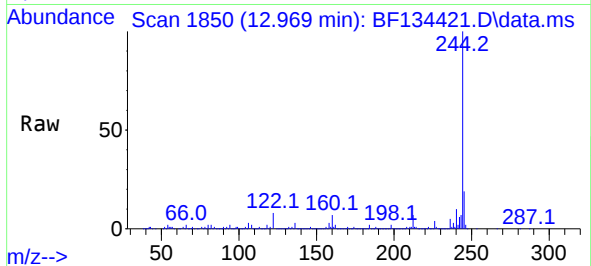




#79
Terphenyl-d14
Concen: 49.933 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF134421.D
Acq: 22 Jul 2023 14:29

Instrument :
BNA_F
ClientSampleId :
DEL-AVE-1

Tgt Ion:244 Resp: 536487
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 8.0 8.3 12.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BF134421.D
Acq: 22 Jul 2023 14:29

Tgt Ion:264 Resp: 157749
Ion Ratio Lower Upper
264 100
260 23.0 19.5 29.3
265 21.2 16.6 25.0

