

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072223\
 Data File : BF134422.D
 Acq On : 22 Jul 2023 15:03
 Operator : CG\JU
 Sample : 03669-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-AVE-2

Quant Time: Jul 22 15:34:41 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)

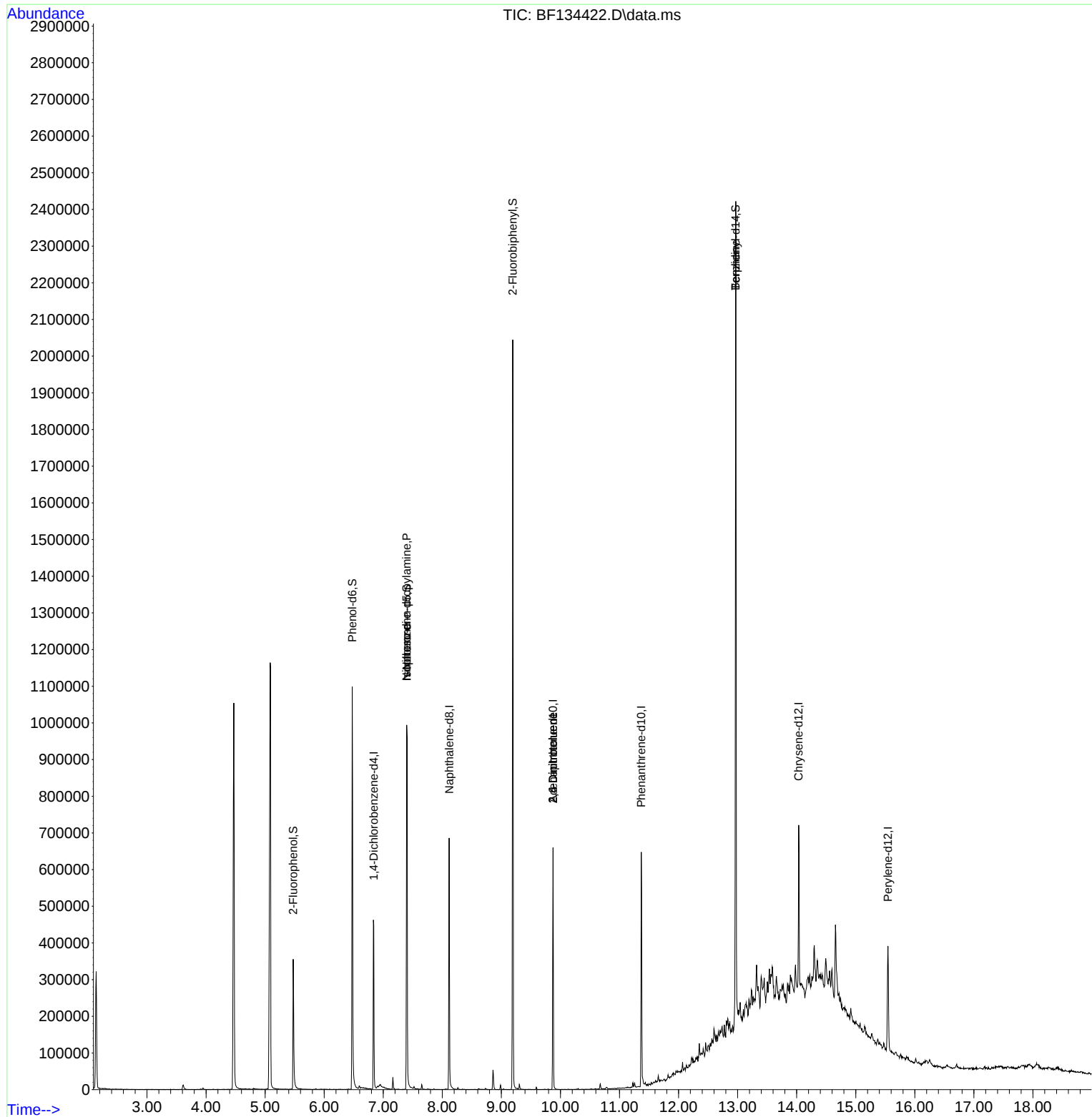
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	71421	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	277459	20.000	ng	# 0.00
39) Acenaphthene-d10	9.874	164	121662	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	243576	20.000	ng	0.00
76) Chrysene-d12	14.033	240	158040	20.000	ng	0.00
86) Perylene-d12	15.545	264	144129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	99732	23.358	ng	0.00
7) Phenol-d6	6.475	99	329674	62.785	ng	-0.01
23) Nitrobenzene-d5	7.398	82	326526	63.438	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	2813	1.844	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	564040	67.404	ng	-0.01
79) Terphenyl-d14	12.968	244	756914	77.081	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	440	Below Cal		84
19) n-Nitroso-di-n-propyla...	7.398	70	47991	14.412	ng	# 74
25) Isophorone	7.398	82	326524	34.905	ng	# 64
51) 2,6-Dinitrotoluene	9.874	165	15665	8.235	ng	# 23
57) 2,4-Dinitrotoluene	9.874	165	15665	6.236	ng	# 22
77) Benzidine	12.968	184	10804	2.873	ng	# 90

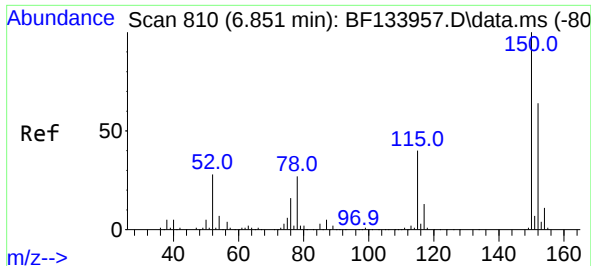
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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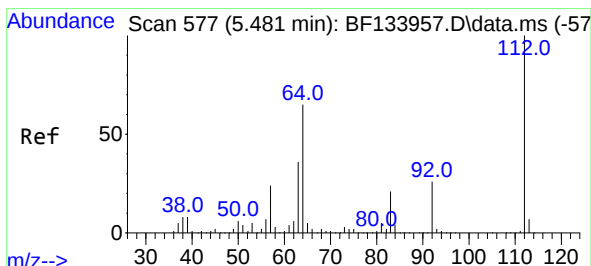
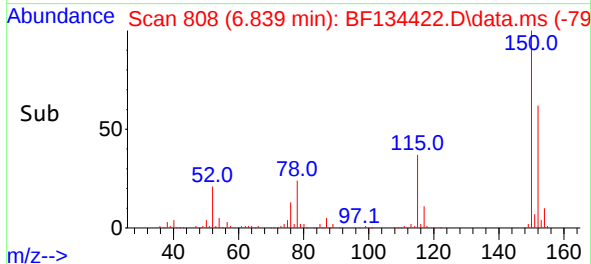
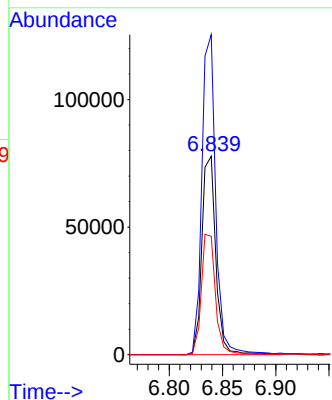
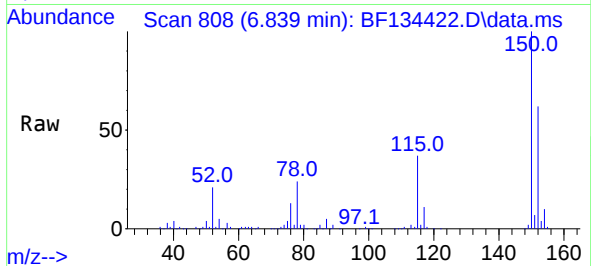




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

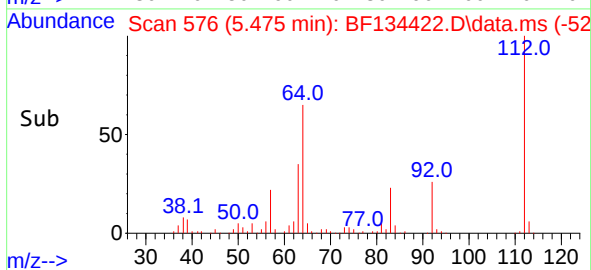
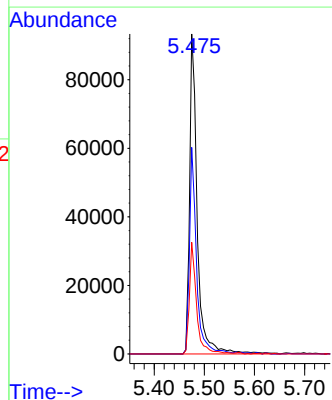
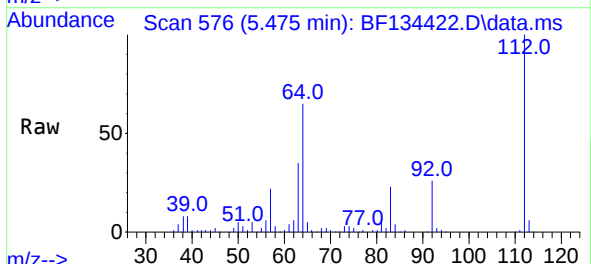
Instrument :
BNA_F
ClientSampleId :
DEL-AVE-2

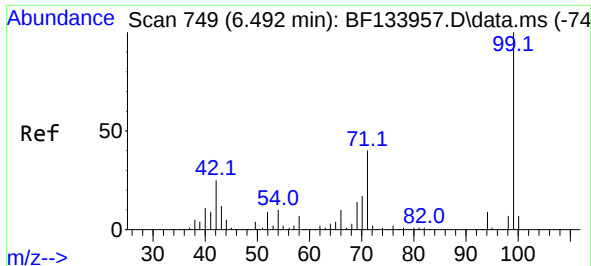
Tgt Ion:152 Resp: 71421
Ion Ratio Lower Upper
152 100
150 161.3 124.5 186.7
115 59.7 50.2 75.2



#5
2-Fluorophenol
Concen: 23.358 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

Tgt Ion:112 Resp: 99732
Ion Ratio Lower Upper
112 100
64 64.5 52.1 78.1
63 34.9 28.6 42.8

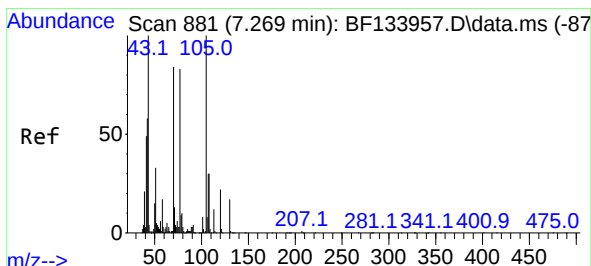
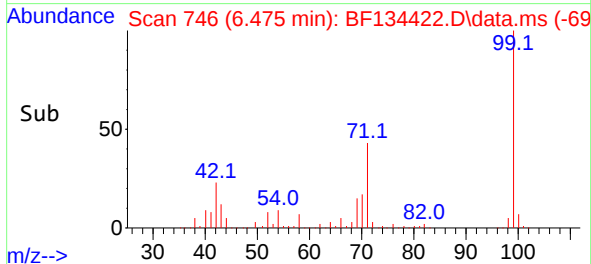
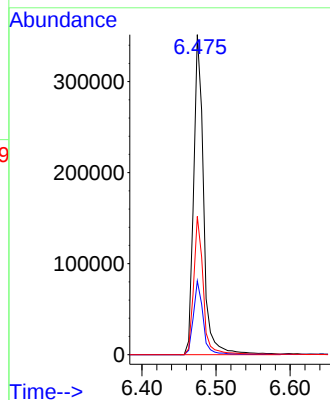
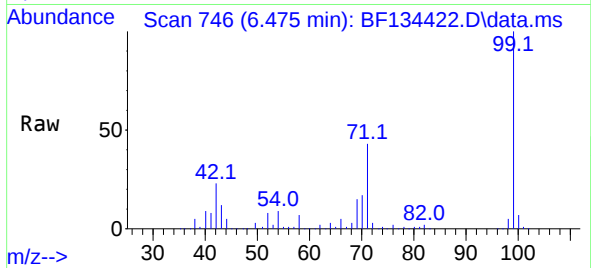




#7
Phenol-d6
Concen: 62.785 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

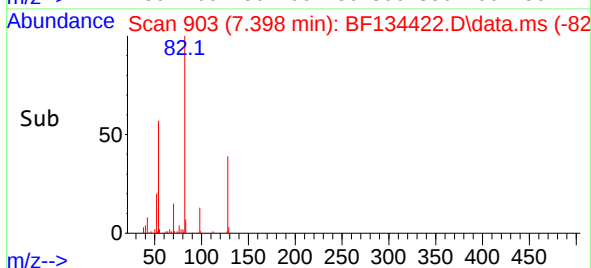
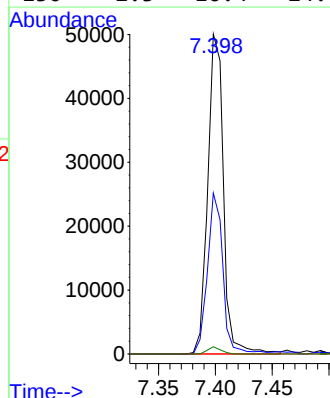
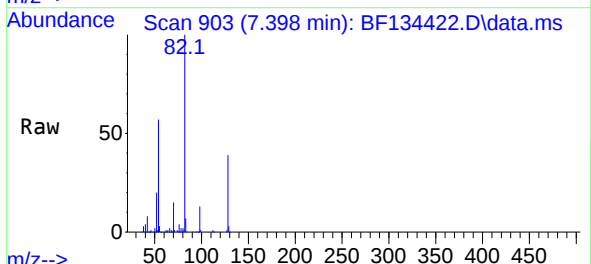
Instrument :
BNA_F
ClientSampleId :
DEL-AVE-2

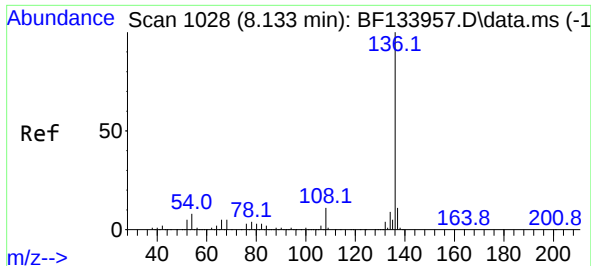
Tgt Ion: 99 Resp: 329674
Ion Ratio Lower Upper
99 100
42 23.1 19.8 29.6
71 43.2 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.412 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

Tgt Ion: 70 Resp: 47991
Ion Ratio Lower Upper
70 100
42 50.3 54.7 82.1#
101 0.0 7.7 11.5#
130 2.3 16.4 24.6#



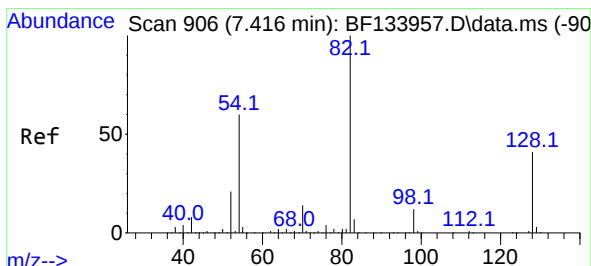
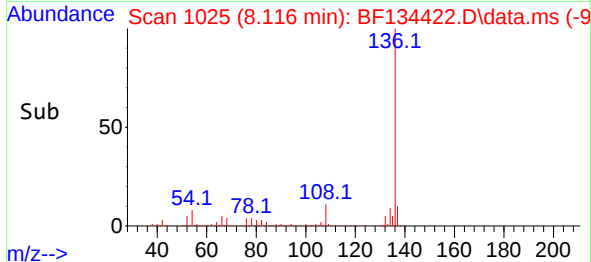
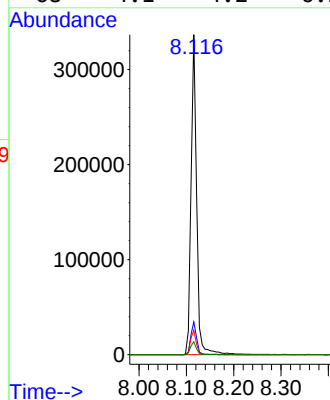
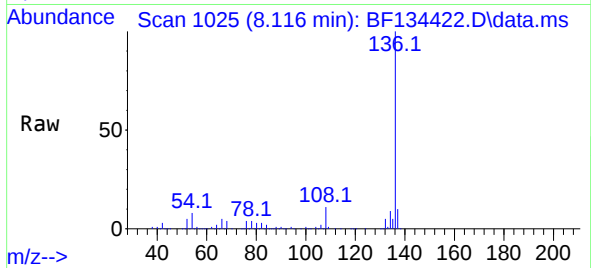


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

Instrument :
BNA_F
ClientSampleId :
DEL-AVE-2

Tgt Ion:136 Resp: 277459

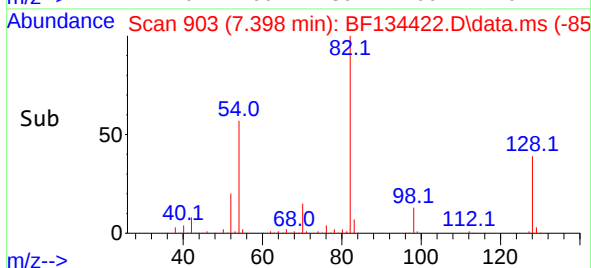
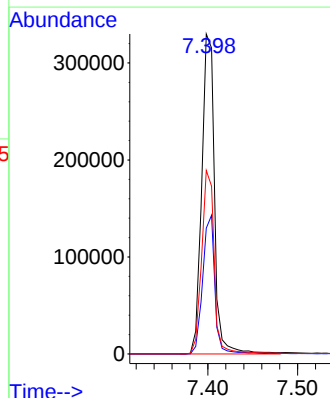
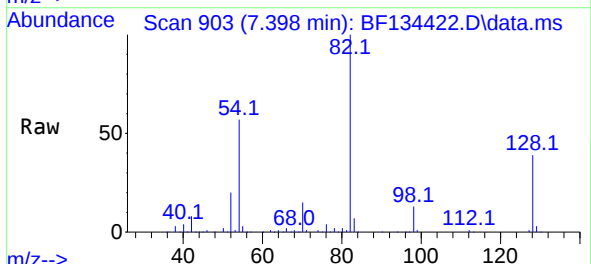
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	12.8
54	7.6	6.5	9.7
68	4.1	4.2	6.2

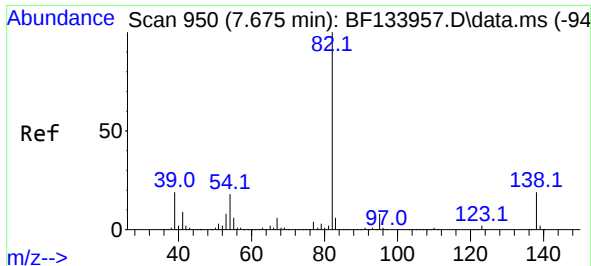


#23
Nitrobenzene-d5
Concen: 63.438 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

Tgt Ion: 82 Resp: 326526

Ion	Ratio	Lower	Upper
82	100		
128	39.3	32.5	48.7
54	57.3	48.2	72.2

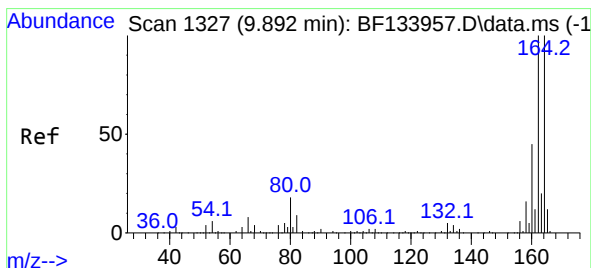
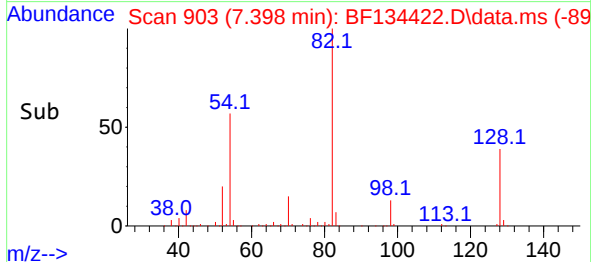
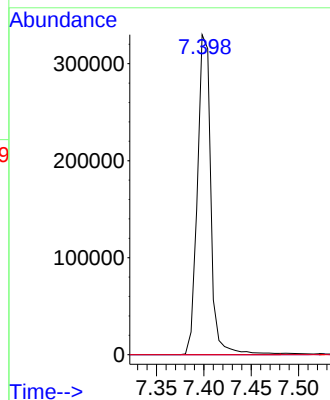
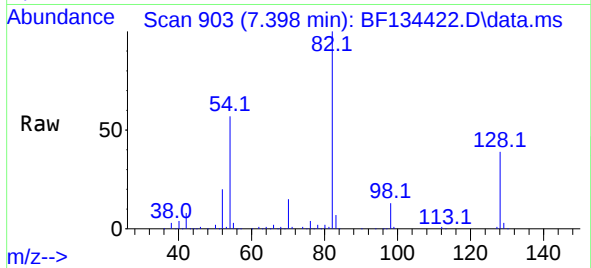




#25
Isophorone
Concen: 34.905 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

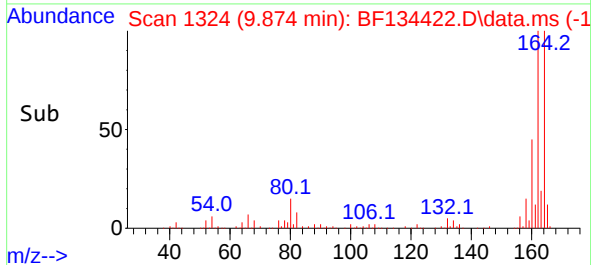
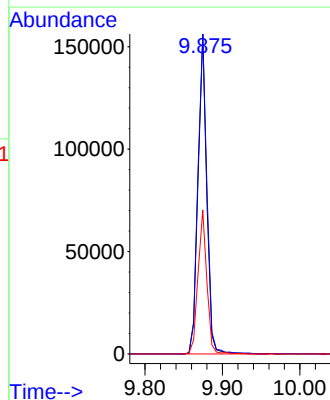
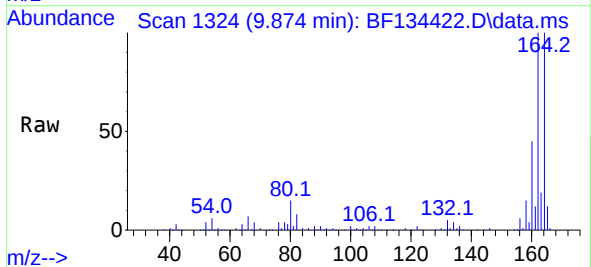
Instrument :
BNA_F
ClientSampleId :
DEL-AVE-2

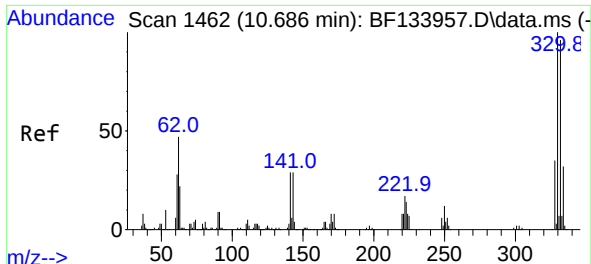
Tgt Ion: 82 Resp: 326524
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

Tgt Ion: 164 Resp: 121662
Ion Ratio Lower Upper
164 100
162 100.1 80.0 120.0
160 45.0 35.9 53.9

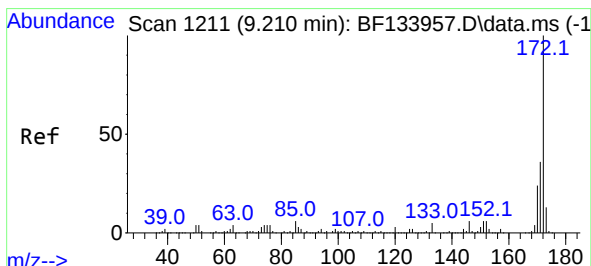
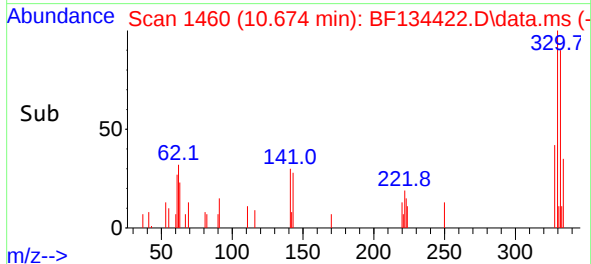
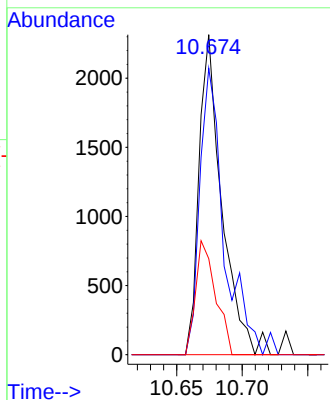
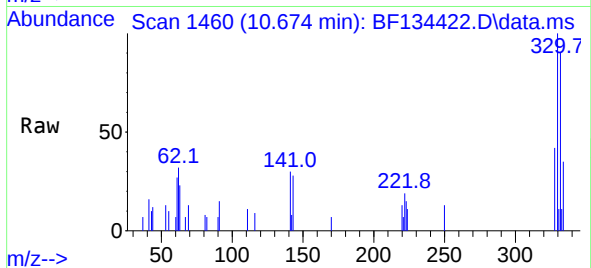




#42
2,4,6-Tribromophenol
Concen: 1.844 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

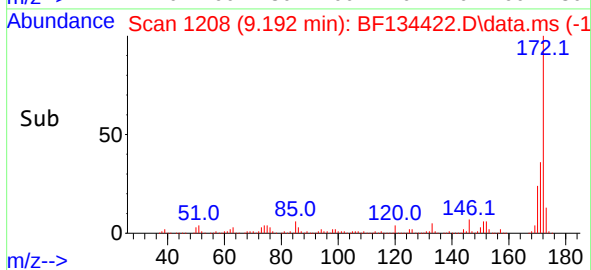
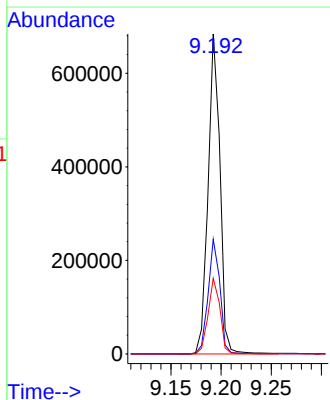
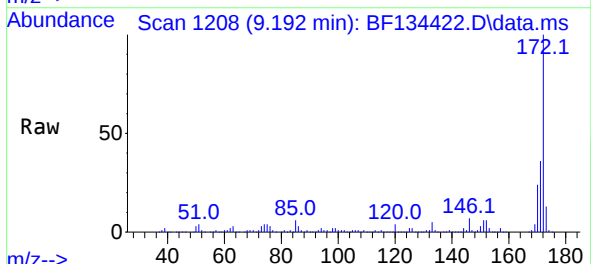
Instrument :
BNA_F
ClientSampleId :
DEL-AVE-2

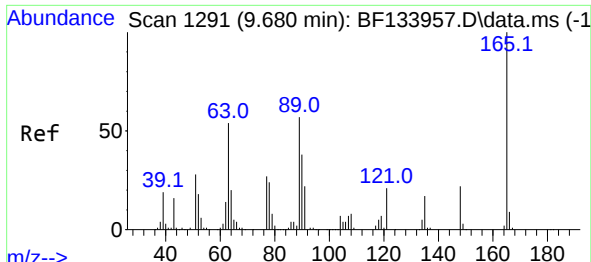
Tgt Ion:330 Resp: 2813
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 31.2 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 67.404 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

Tgt Ion:172 Resp: 564040
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.7 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.235 ng

RT: 9.874 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF134422.D

Acq: 22 Jul 2023 15:03

Instrument :

BNA_F

ClientSampleId :

DEL-AVE-2

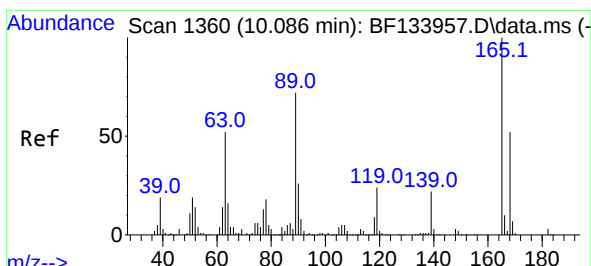
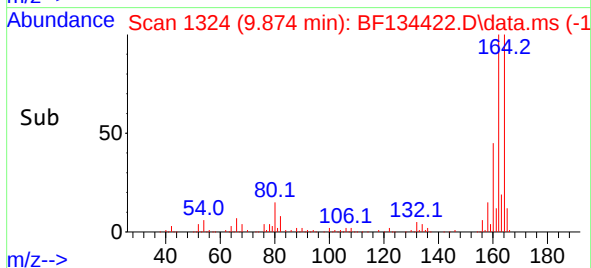
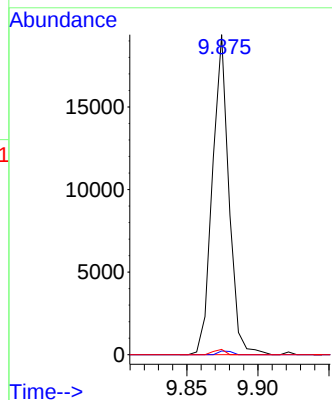
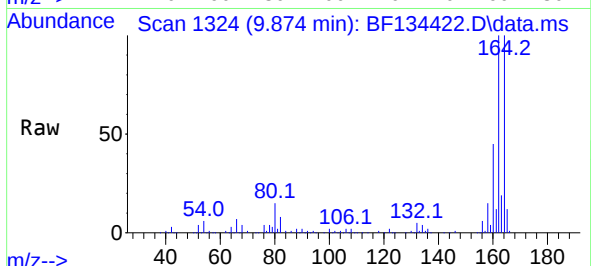
Tgt Ion:165 Resp: 15665

Ion Ratio Lower Upper

165 100

63 1.2 48.5 72.7#

89 1.7 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.236 ng

RT: 9.874 min Scan# 1324

Delta R.T. -0.206 min

Lab File: BF134422.D

Acq: 22 Jul 2023 15:03

Tgt Ion:165 Resp: 15665

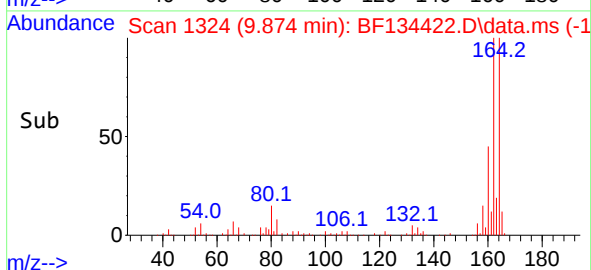
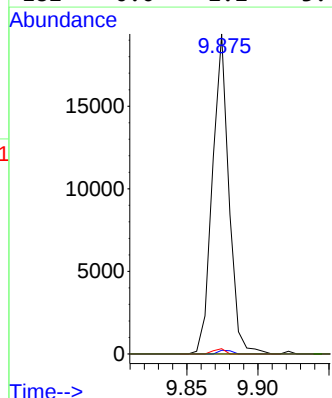
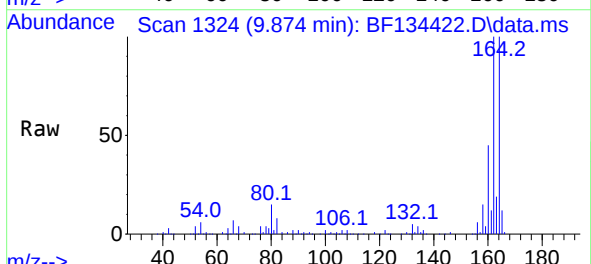
Ion Ratio Lower Upper

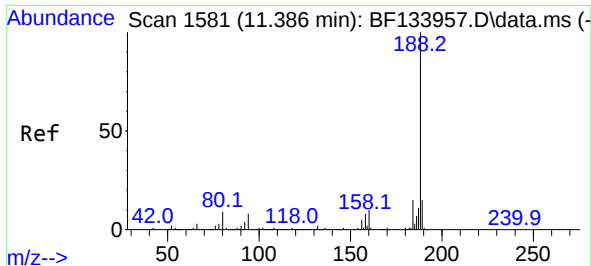
165 100

63 1.2 42.2 63.2#

89 1.7 57.4 86.2#

182 0.0 2.2 3.4#

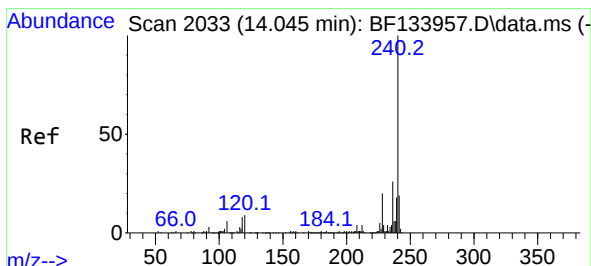
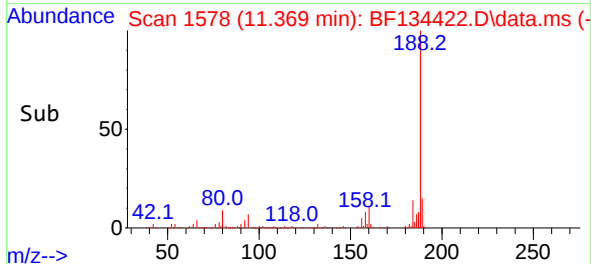
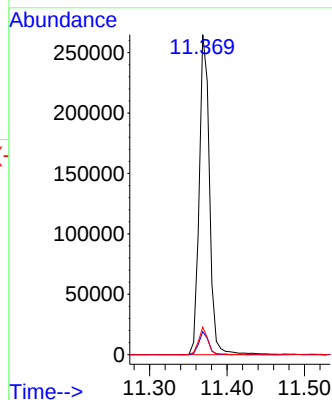
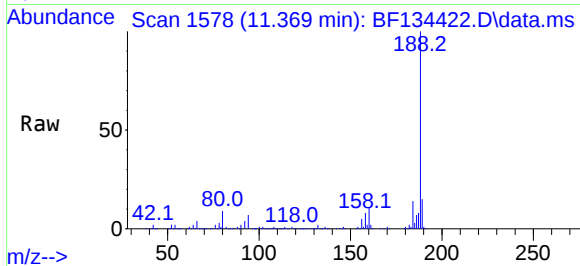




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

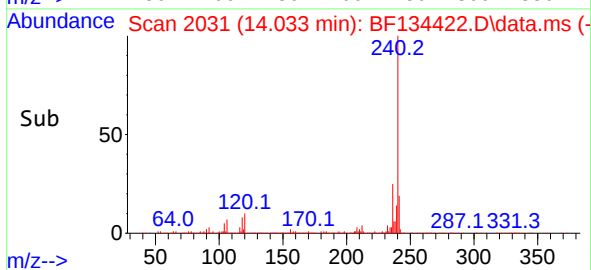
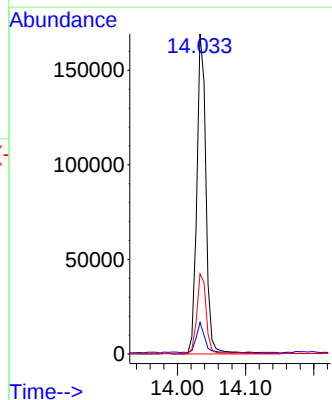
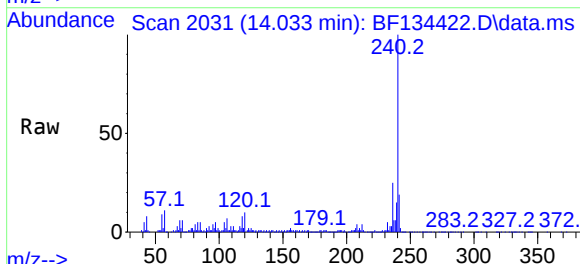
Instrument :
BNA_F
ClientSampleId :
DEL-AVE-2

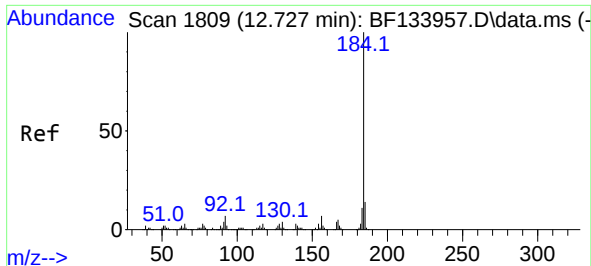
Tgt Ion:188 Resp: 243576
Ion Ratio Lower Upper
188 100
94 7.2 6.4 9.6
80 8.6 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

Tgt Ion:240 Resp: 158040
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.0
236 25.0 21.0 31.6

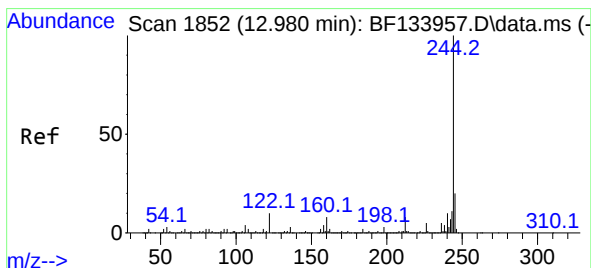
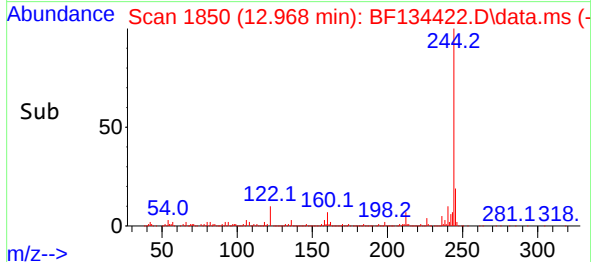
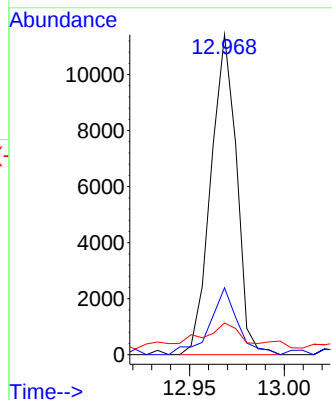
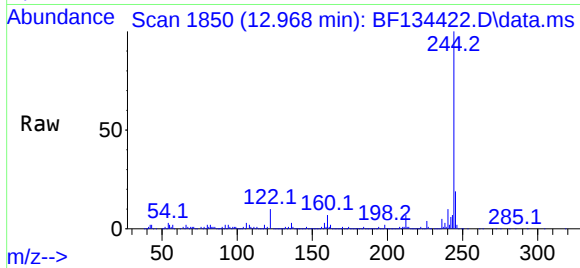




#77
Benzidine
Concen: 2.873 ng
RT: 12.968 min Scan# 1850
Delta R.T. 0.241 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

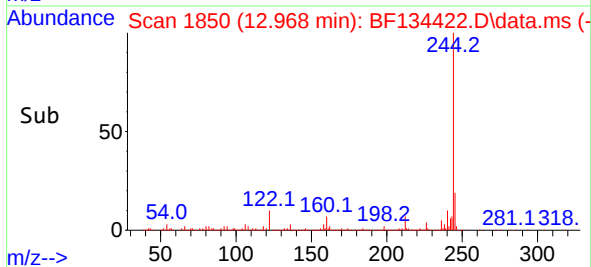
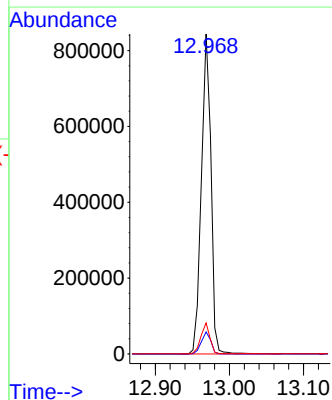
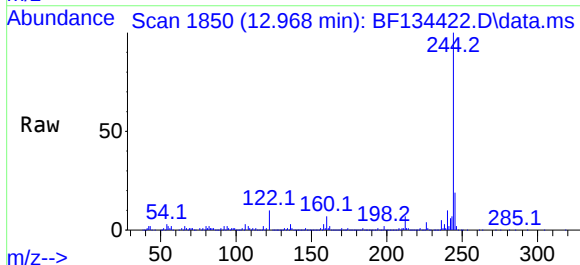
Instrument :
BNA_F
ClientSampleId :
DEL-AVE-2

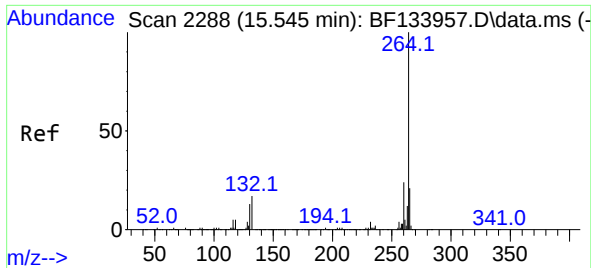
Tgt Ion:184 Resp: 10804
Ion Ratio Lower Upper
184 100
185 20.9 11.6 17.4#
183 9.9 8.8 13.2



#79
Terphenyl-d14
Concen: 77.081 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF134422.D
Acq: 22 Jul 2023 15:03

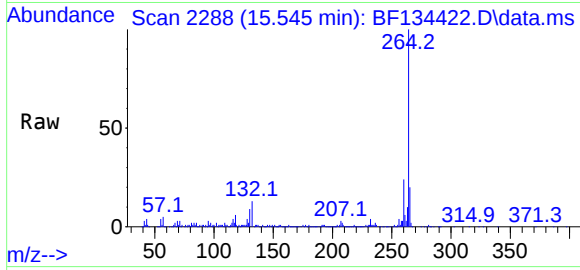
Tgt Ion:244 Resp: 756914
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 9.7 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF134422.D
 Acq: 22 Jul 2023 15:03

Instrument :
 BNA_F
 ClientSampleId :
 DEL-AVE-2



Tgt Ion:264 Resp: 144129

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.3	16.6	25.0

