

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134169.D
 Acq On : 09 Jul 2023 03:56
 Operator : CG\JU
 Sample : 03509-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 05:47:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

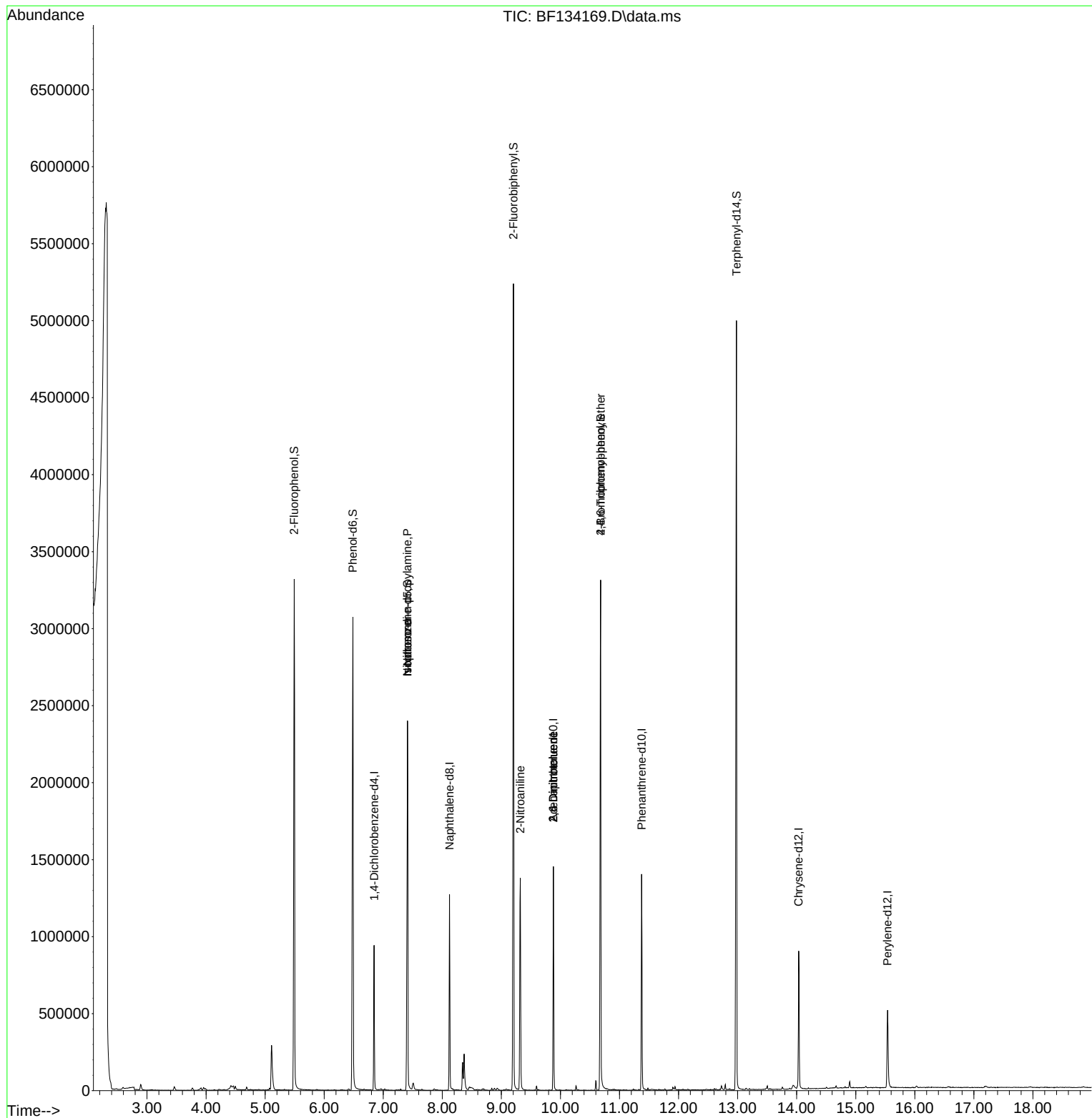
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	128033	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	513276	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	266525	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	517077	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	305940	20.000	ng	-0.02
86) Perylene-d12	15.539	264	259391	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	953828	124.619	ng	0.00
7) Phenol-d6	6.487	99	1093257	116.145	ng	0.00
23) Nitrobenzene-d5	7.410	82	860812	90.404	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	450059	134.680	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1576546	86.001	ng	0.00
79) Terphenyl-d14	12.980	244	1899290	99.913	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	56	Below Cal	#	48
19) n-Nitroso-di-n-propyla...	7.410	70	121598	20.370	ng	# 77
25) Isophorone	7.410	82	860922	49.749	ng	# 64
48) 2-Nitroaniline	9.322	65	15390	2.700	ng	# 16
51) 2,6-Dinitrotoluene	9.881	165	33370	8.008	ng	# 23
57) 2,4-Dinitrotoluene	9.881	165	33370	6.064	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	26753	4.868	ng	# 1

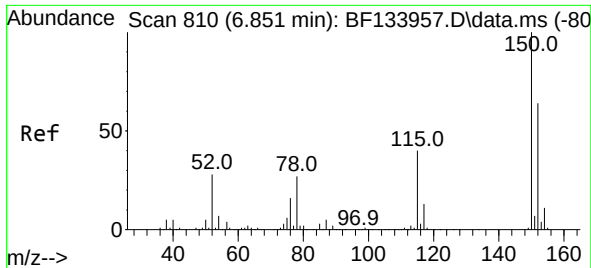
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
Data File : BF134169.D
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

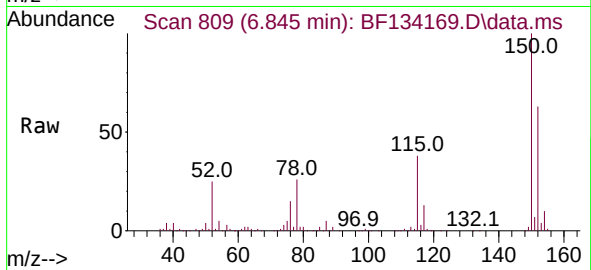
Quant Time: Jul 09 05:47:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration



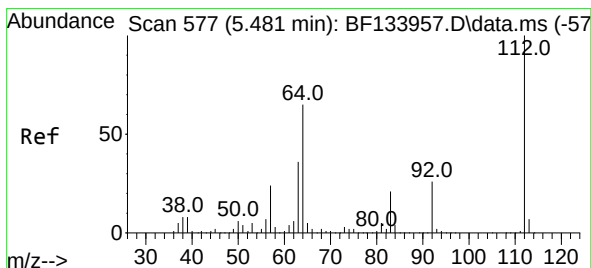
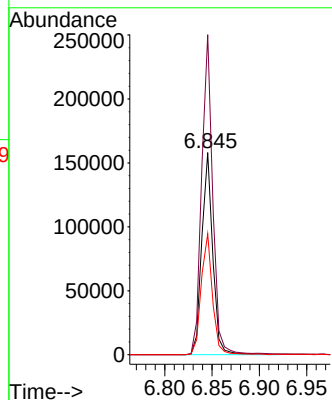
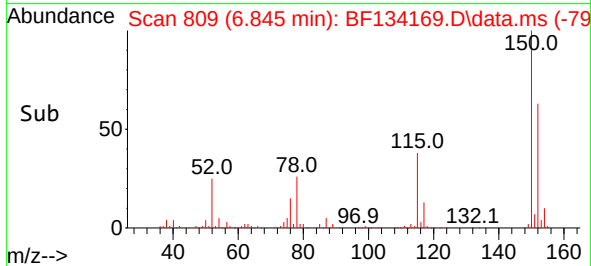


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134169.D
Acq: 09 Jul 2023 03:56

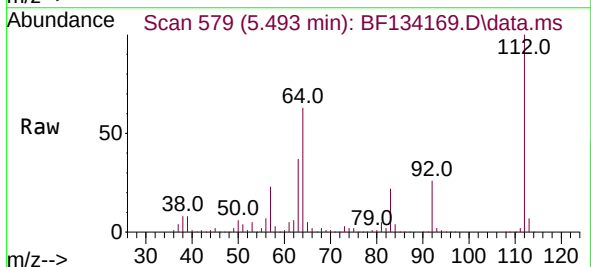
Instrument :
BNA_F
ClientSampleId :



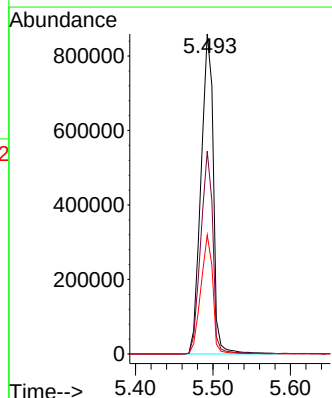
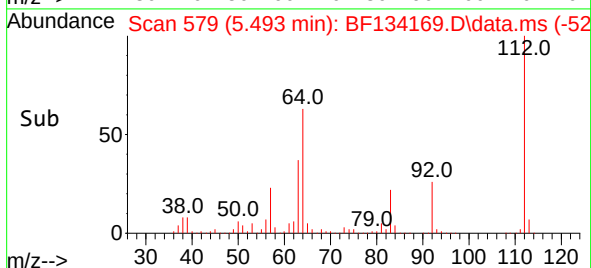
Tgt Ion:152 Resp: 128033
Ion Ratio Lower Upper
152 100
150 158.4 124.5 186.7
115 59.9 50.2 75.2

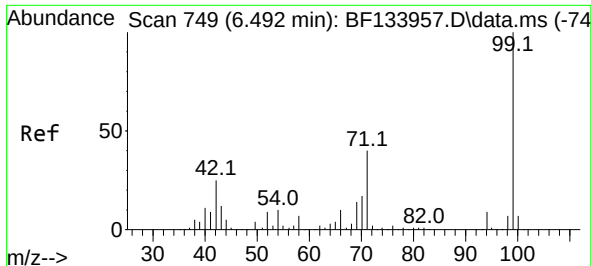


#5
2-Fluorophenol
Concen: 124.619 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF134169.D
Acq: 09 Jul 2023 03:56



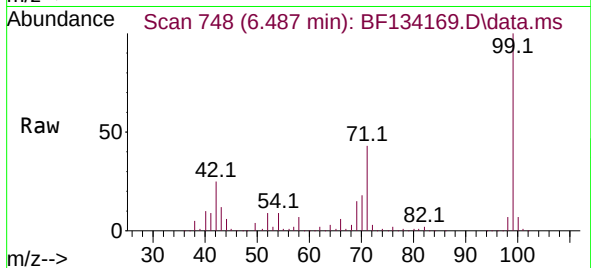
Tgt Ion:112 Resp: 953828
Ion Ratio Lower Upper
112 100
64 63.4 52.1 78.1
63 37.2 28.6 42.8





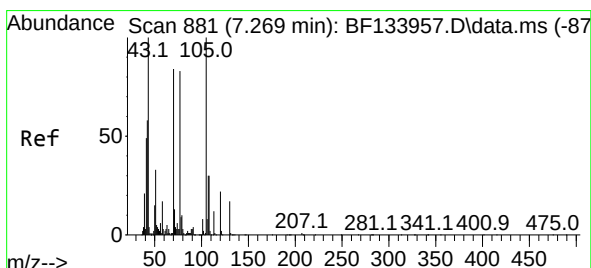
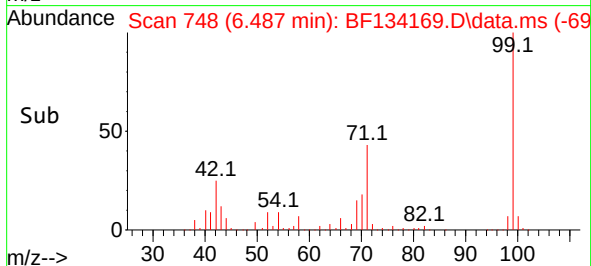
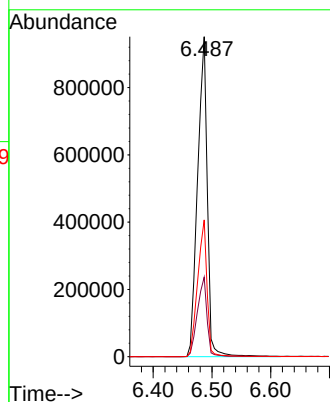
#7
Phenol-d6
Concen: 116.145 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134169.D
Acq: 09 Jul 2023 03:56

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1093257

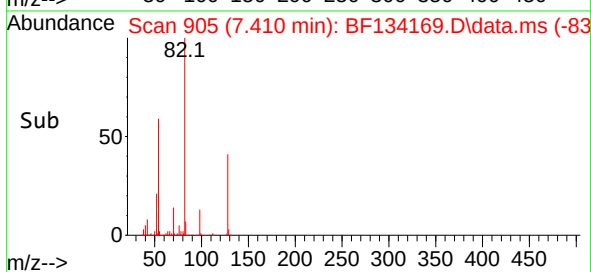
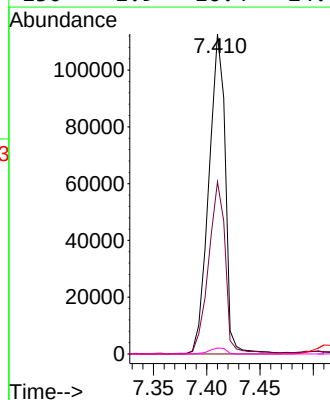
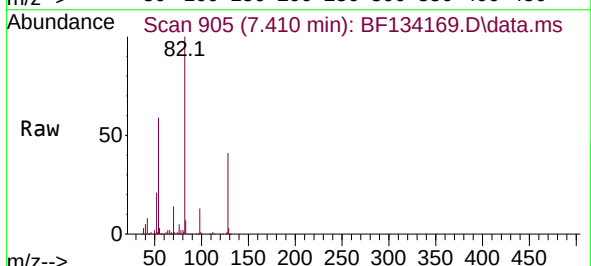
Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.8	29.6
71	42.7	31.9	47.9

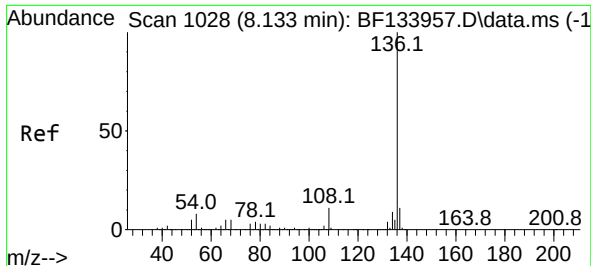


#19
n-Nitroso-di-n-propylamine
Concen: 20.370 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134169.D
Acq: 09 Jul 2023 03:56

Tgt Ion: 70 Resp: 121598

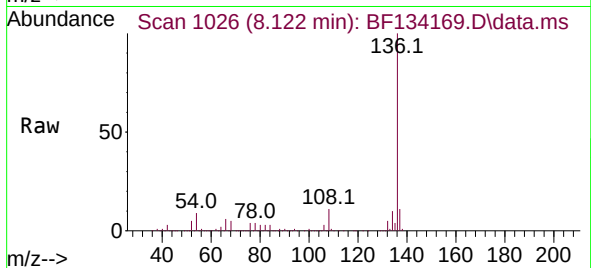
Ion	Ratio	Lower	Upper
70	100		
42	53.8	54.7	82.1#
101	0.0	7.7	11.5#
130	1.9	16.4	24.6#





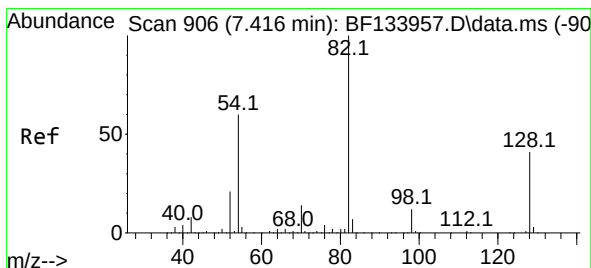
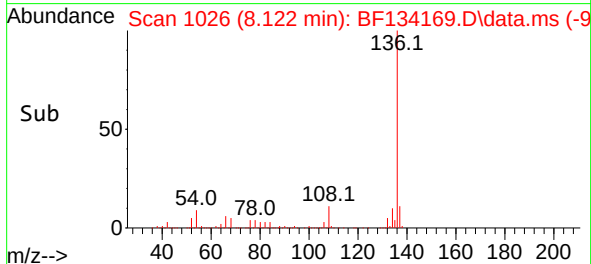
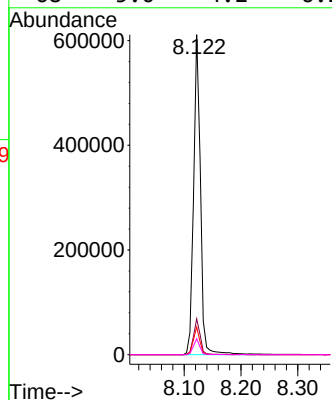
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134169.D
Acq: 09 Jul 2023 03:56

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 513276

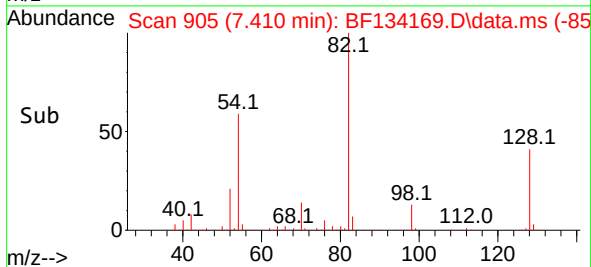
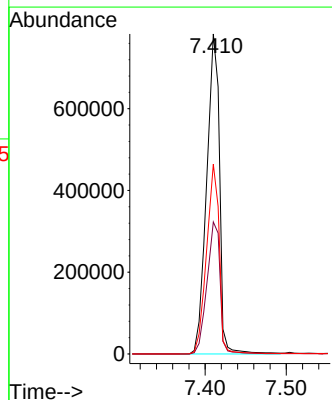
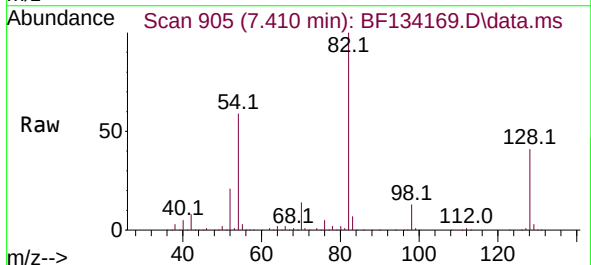
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	8.6	6.5	9.7
68	5.0	4.2	6.2

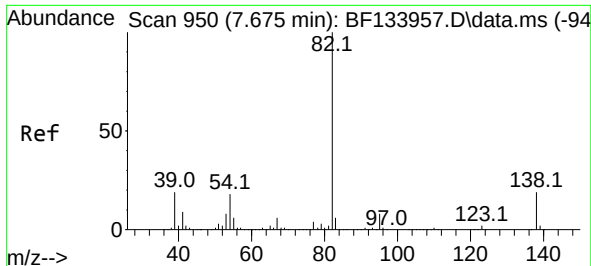


#23
Nitrobenzene-d5
Concen: 90.404 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134169.D
Acq: 09 Jul 2023 03:56

Tgt Ion: 82 Resp: 860812

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.5	48.7
54	59.3	48.2	72.2

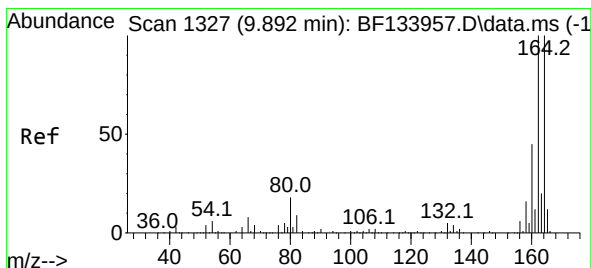
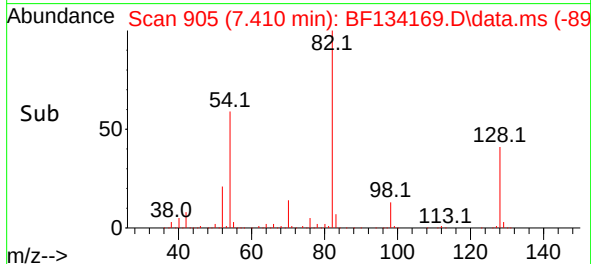
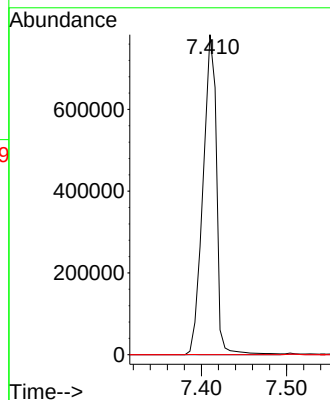
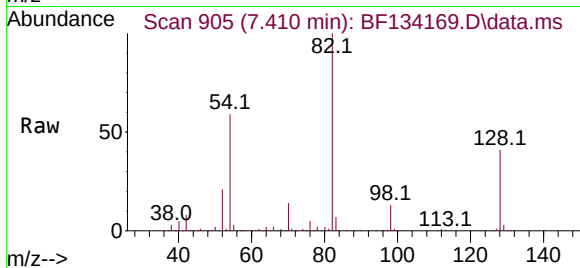




#25
Isophorone
Concen: 49.749 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134169.D
Acq: 09 Jul 2023 03:56

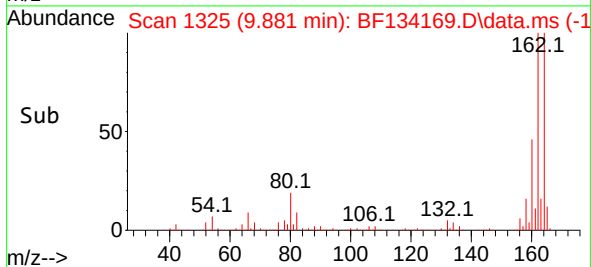
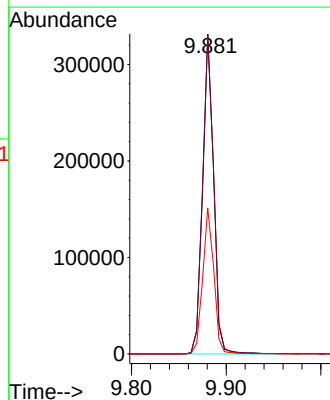
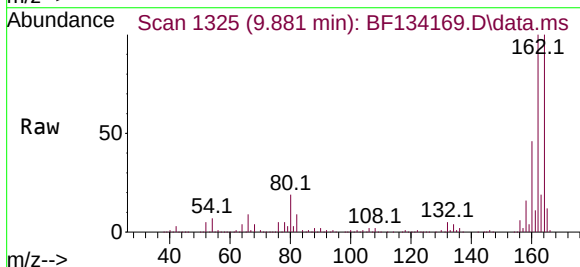
Instrument :
BNA_F
ClientSampleId :

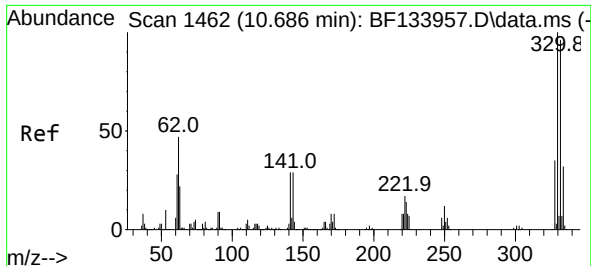
Tgt Ion: 82 Resp: 860922
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134169.D
Acq: 09 Jul 2023 03:56

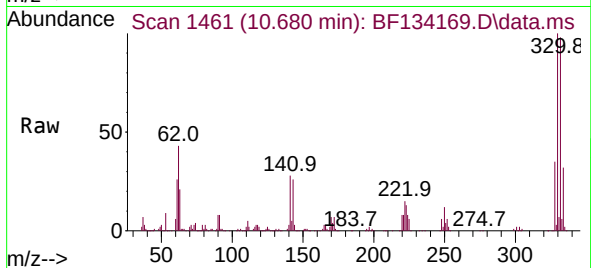
Tgt Ion:164 Resp: 266525
Ion Ratio Lower Upper
164 100
162 100.1 80.0 120.0
160 45.7 35.9 53.9



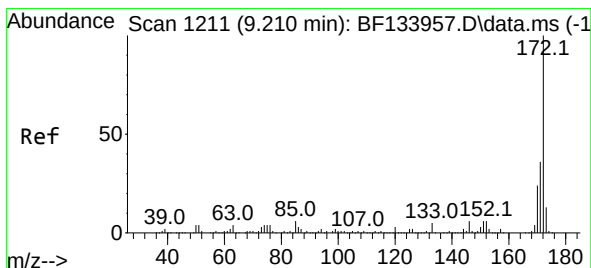
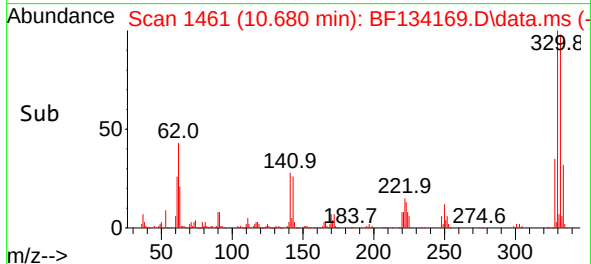
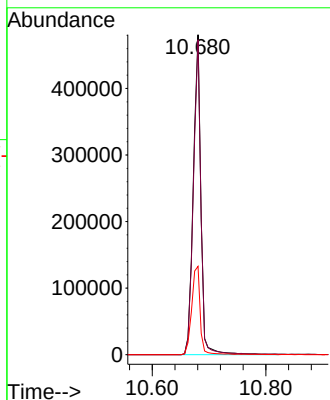


#42
2,4,6-Tribromophenol
Concen: 134.680 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF134169.D
Acq: 09 Jul 2023 03:56

Instrument :
BNA_F
ClientSampleId :

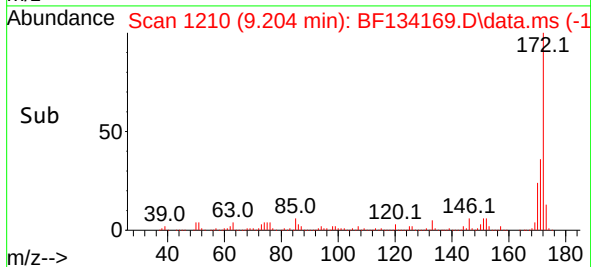
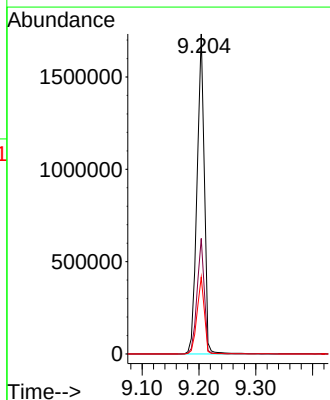
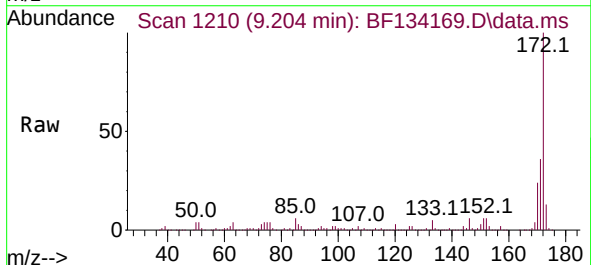


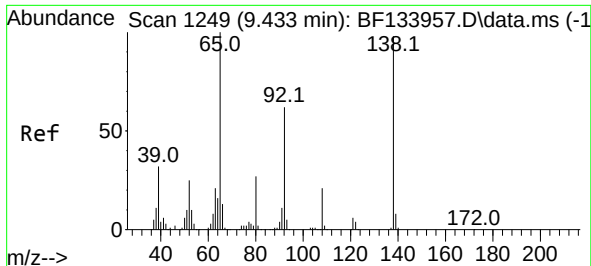
Tgt Ion:330 Resp: 450059
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 31.2 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 86.001 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134169.D
Acq: 09 Jul 2023 03:56

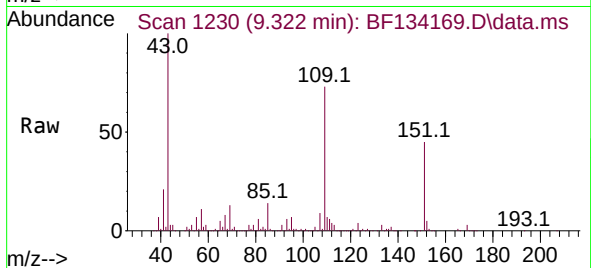
Tgt Ion:172 Resp: 1576546
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.0 19.4 29.0



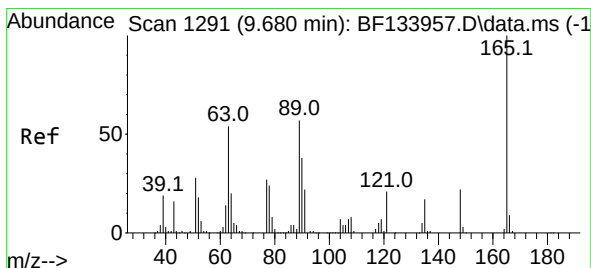
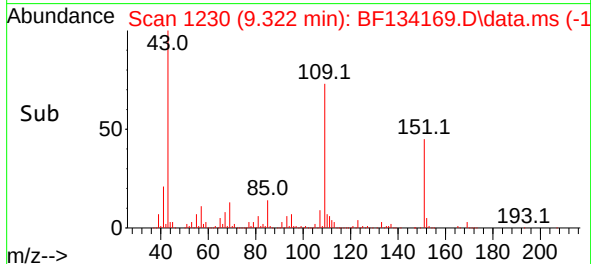
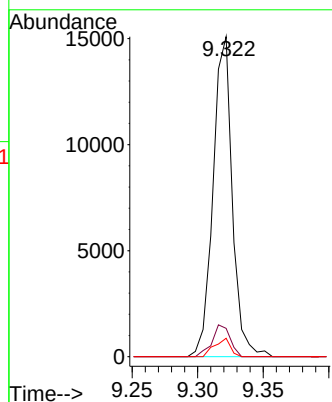


#48
2-Nitroaniline
Concen: 2.700 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.118 min
Lab File: BF134169.D
Acq: 09 Jul 2023 03:56

Instrument :
BNA_F
ClientSampleId :

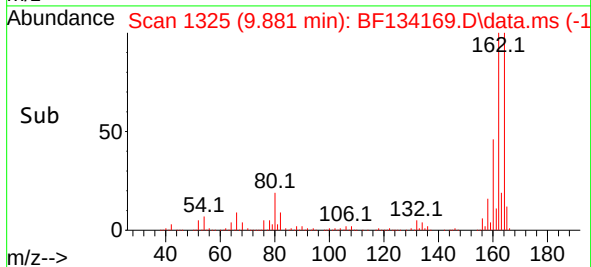
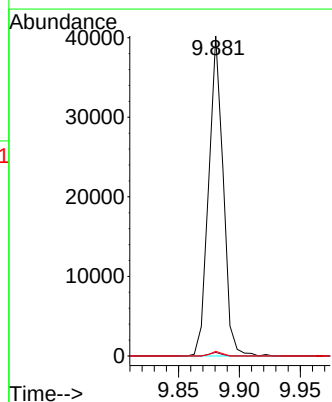
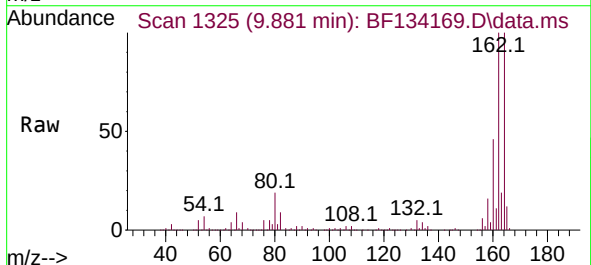


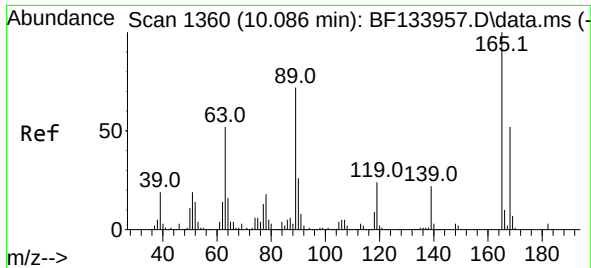
Tgt Ion: 65 Resp: 15390
Ion Ratio Lower Upper
65 100
92 8.9 49.5 74.3#
138 5.7 78.0 117.0#



#51
2,6-Dinitrotoluene
Concen: 8.008 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF134169.D
Acq: 09 Jul 2023 03:56

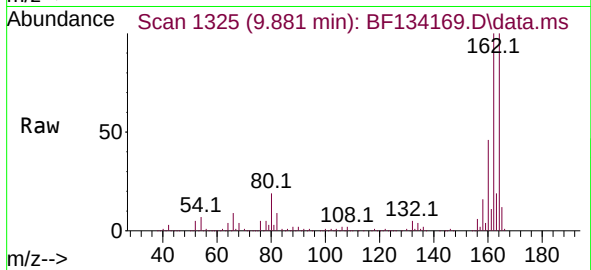
Tgt Ion: 165 Resp: 33370
Ion Ratio Lower Upper
165 100
63 1.1 48.5 72.7#
89 1.5 45.5 68.3#



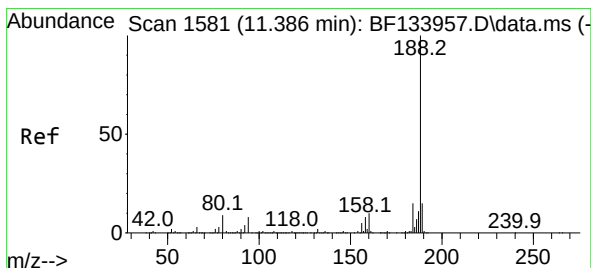
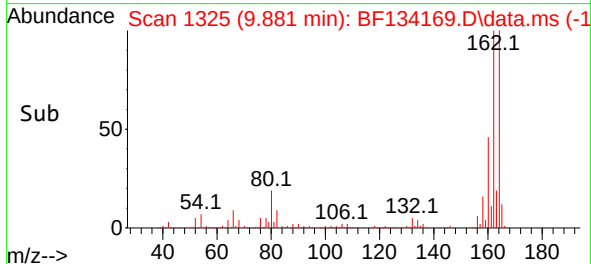
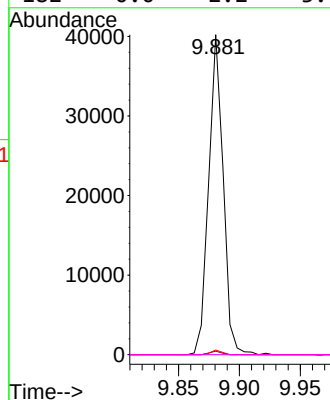


#57
2,4-Dinitrotoluene
Concen: 6.064 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134169.D
Acq: 09 Jul 2023 03:56

Instrument :
BNA_F
ClientSampleId :

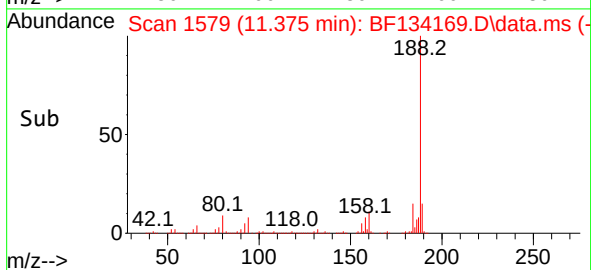
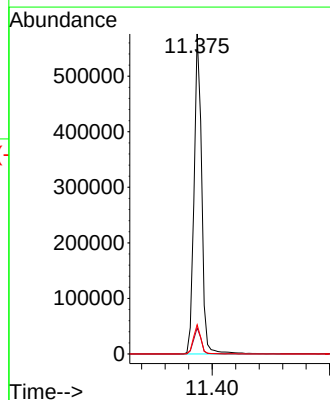
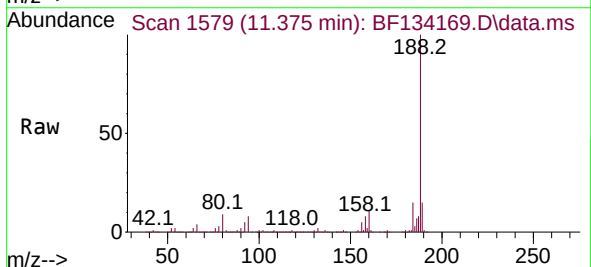


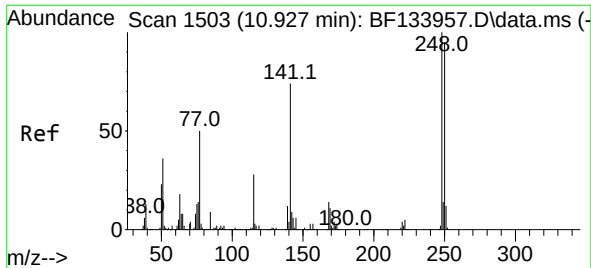
Tgt Ion:165 Resp: 33370
Ion Ratio Lower Upper
165 100
63 1.1 42.2 63.2#
89 1.5 57.4 86.2#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF134169.D
Acq: 09 Jul 2023 03:56

Tgt Ion:188 Resp: 517077
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 9.2 7.3 10.9

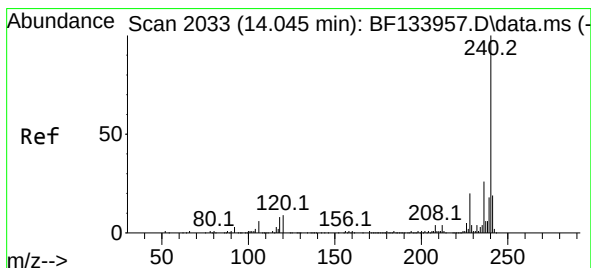
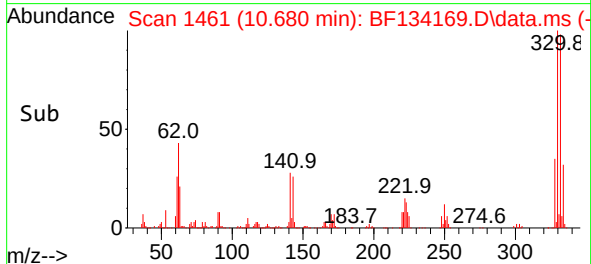
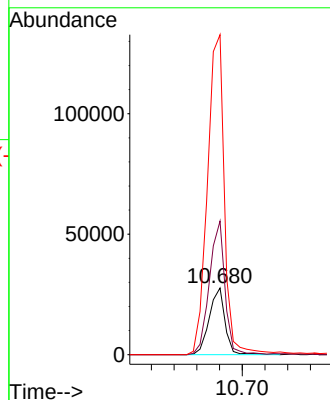
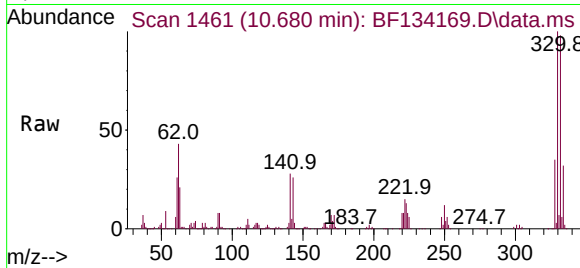




#67
4-Bromophenyl-phenylether
Concen: 4.868 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134169.D
Acq: 09 Jul 2023 03:56

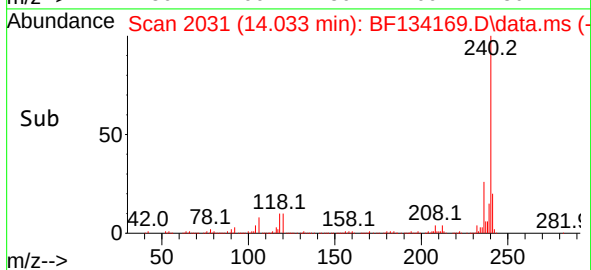
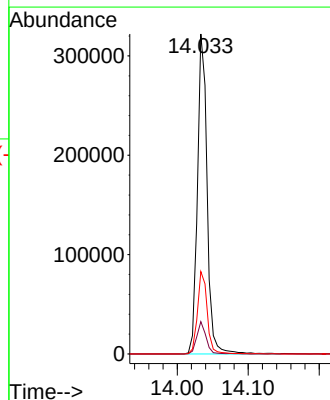
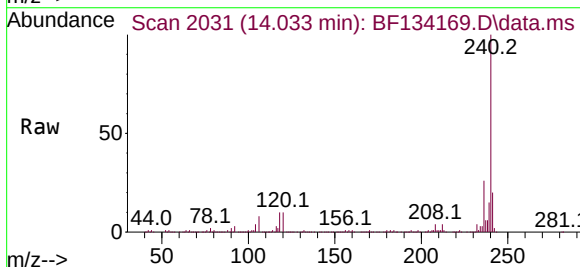
Instrument :
BNA_F
ClientSampleId :

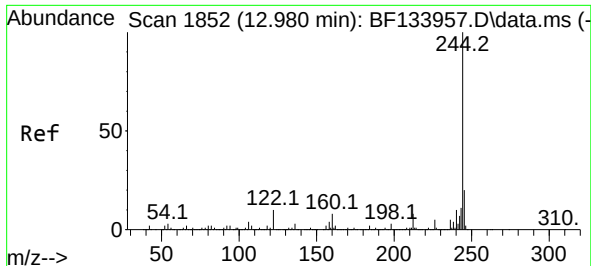
Tgt Ion:248 Resp: 26753
Ion Ratio Lower Upper
248 100
250 200.3 76.2 114.4#
141 479.9 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134169.D
Acq: 09 Jul 2023 03:56

Tgt Ion:240 Resp: 305940
Ion Ratio Lower Upper
240 100
120 10.1 7.4 11.0
236 25.7 21.0 31.6

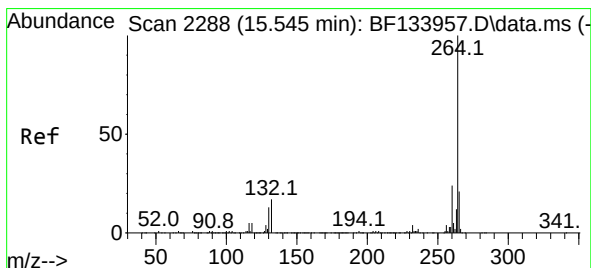
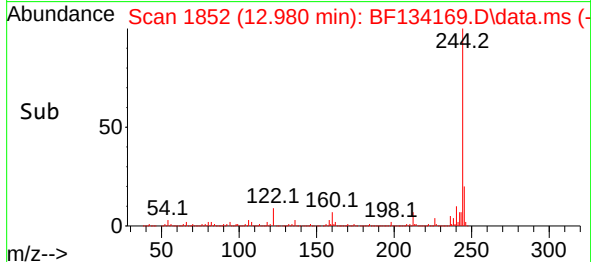
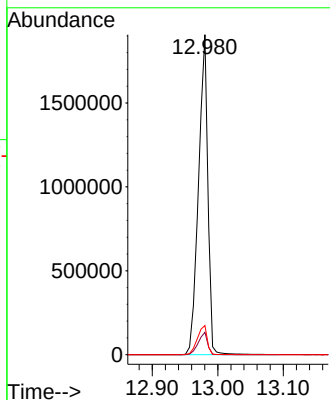
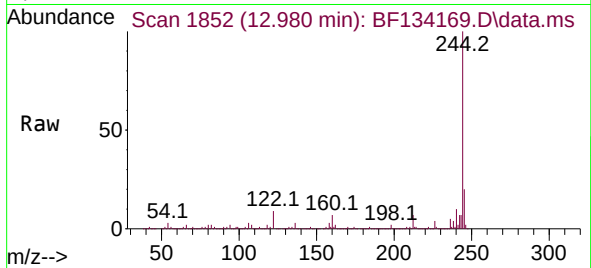




#79
 Terphenyl-d14
 Concen: 99.913 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134169.D
 Acq: 09 Jul 2023 03:56

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 1899290
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134169.D
 Acq: 09 Jul 2023 03:56

Tgt Ion:264 Resp: 259391
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.1 16.6 25.0

