

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
 Data File : BF138419.D
 Acq On : 02 Jul 2024 10:12
 Operator : CG\JU
 Sample : PB161853BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161853BL

Quant Time: Jul 02 11:37:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

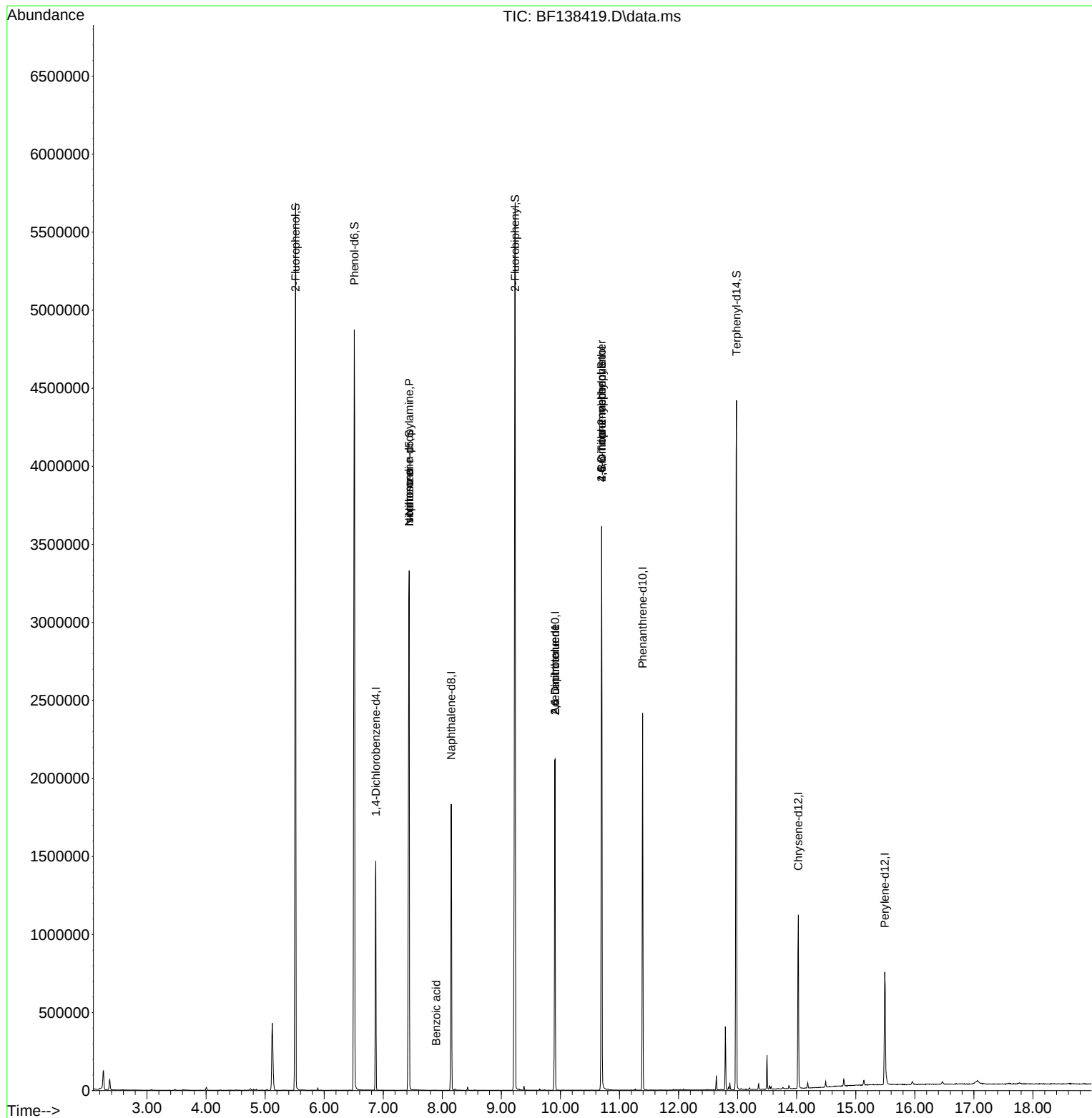
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	203162	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	844809	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	471929	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	786305	20.000	ng	0.00
76) Chrysene-d12	14.027	240	341581	20.000	ng	0.00
86) Perylene-d12	15.492	264	334806	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1445133	117.934	ng	0.02
7) Phenol-d6	6.510	99	1934707	117.205	ng	0.00
23) Nitrobenzene-d5	7.439	82	1272716	78.260	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	428784	111.207	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2103786	70.945	ng	0.00
79) Terphenyl-d14	12.980	244	1627686	65.303	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	171789	16.508	ng	# 76
25) Isophorone	7.439	82	1268992	42.318	ng	# 67
32) Benzoic acid	7.898	122	81	4.108	ng	# 30
51) 2,6-Dinitrotoluene	9.910	165	60223	8.866	ng	# 20
57) 2,4-Dinitrotoluene	9.910	165	60223	7.200	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.698	198	880	5.984	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	28791	3.407	ng	# 1

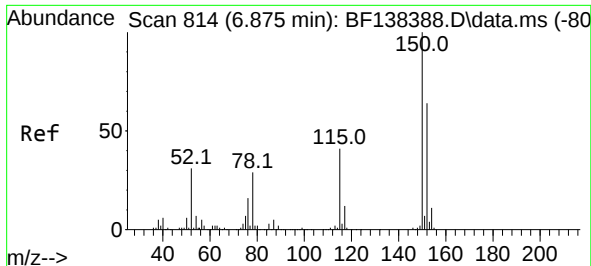
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
Data File : BF138419.D
Acq On : 02 Jul 2024 10:12
Operator : CG\JU
Sample : PB161853BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB161853BL

Quant Time: Jul 02 11:37:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:44:30 2024
Response via : Initial Calibration

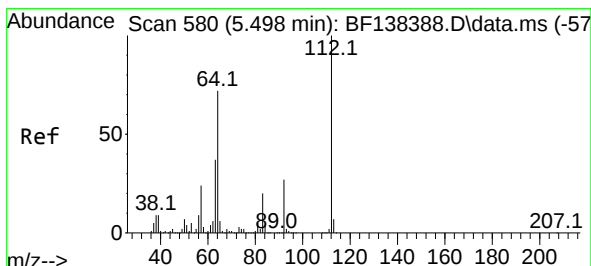
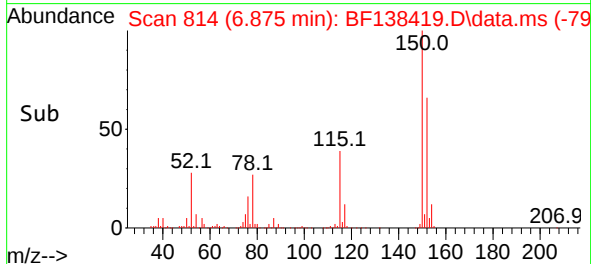
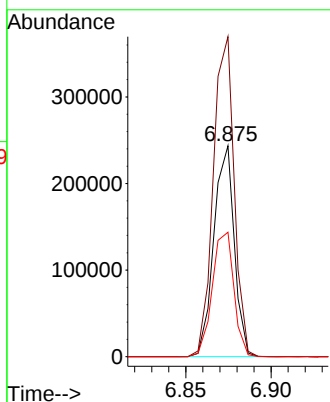
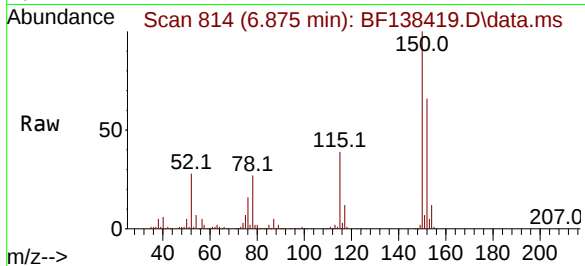




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138419.D
Acq: 02 Jul 2024 10:12

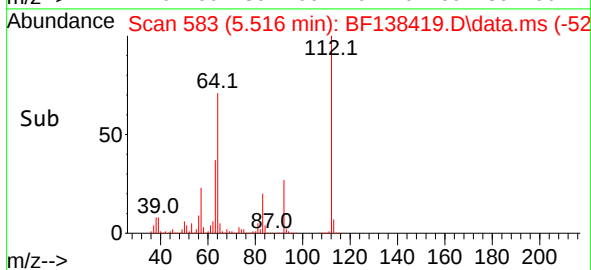
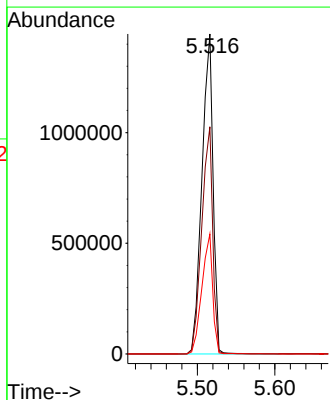
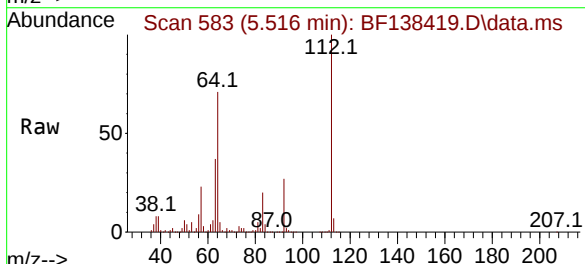
Instrument :
BNA_F
ClientSampleId :
PB161853BL

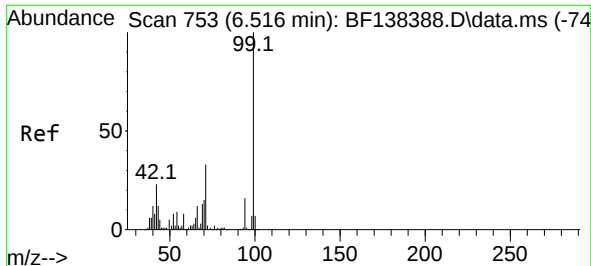
Tgt Ion:152 Resp: 203162
Ion Ratio Lower Upper
152 100
150 151.7 124.9 187.3
115 59.0 50.8 76.2



#5
2-Fluorophenol
Concen: 117.934 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF138419.D
Acq: 02 Jul 2024 10:12

Tgt Ion:112 Resp: 1445133
Ion Ratio Lower Upper
112 100
64 71.0 57.2 85.8
63 37.5 29.4 44.0



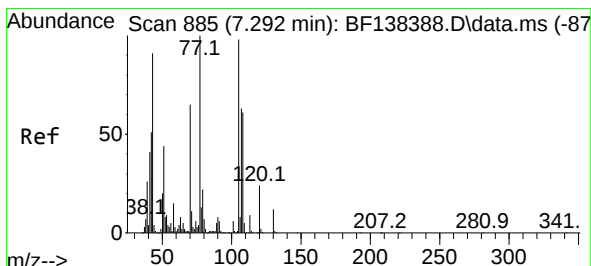
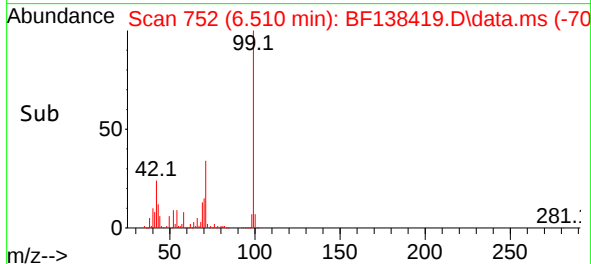
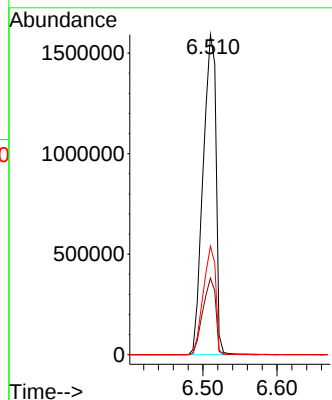
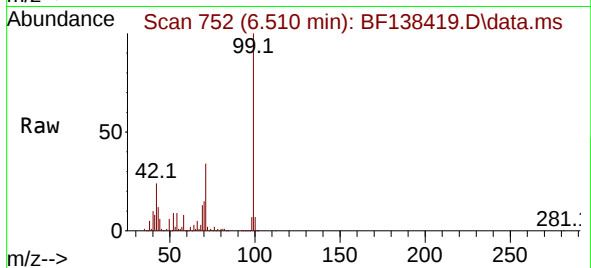


#7
Phenol-d6
Concen: 117.205 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF138419.D
Acq: 02 Jul 2024 10:12

Instrument :
BNA_F
ClientSampleId :
PB161853BL

Tgt Ion: 99 Resp: 1934707

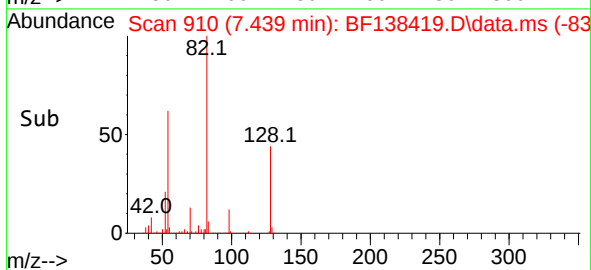
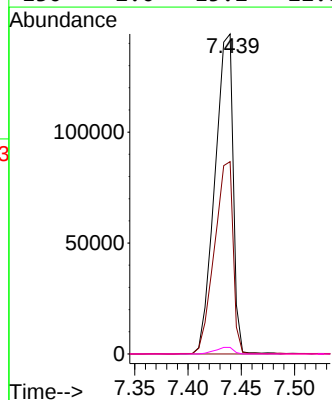
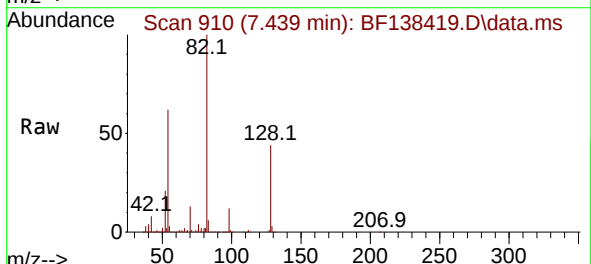
Ion	Ratio	Lower	Upper
99	100		
42	23.9	18.5	27.7
71	33.9	26.1	39.1

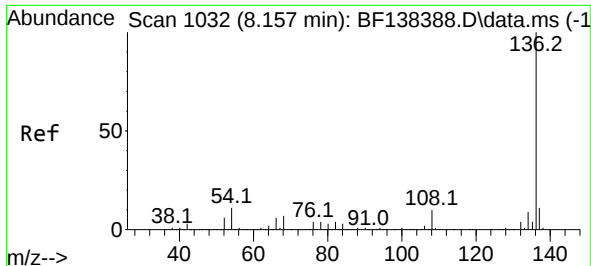


#19
n-Nitroso-di-n-propylamine
Concen: 16.508 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF138419.D
Acq: 02 Jul 2024 10:12

Tgt Ion: 70 Resp: 171789

Ion	Ratio	Lower	Upper
70	100		
42	60.1	62.5	93.7#
101	0.0	7.0	10.4#
130	2.0	15.2	22.8#

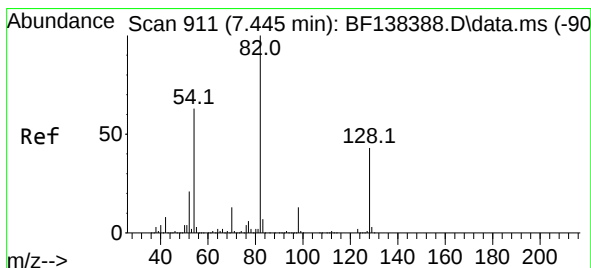
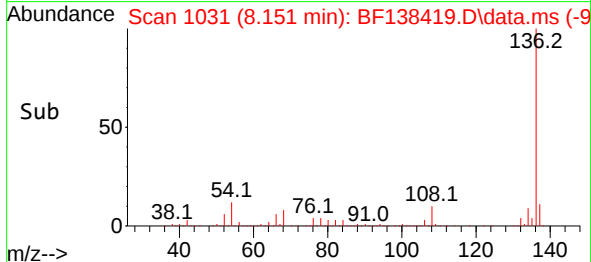
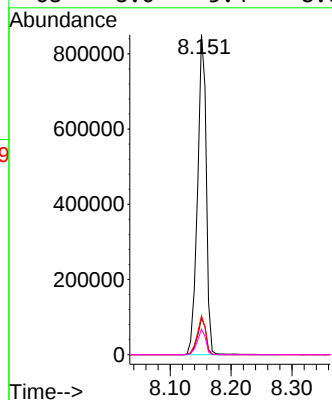
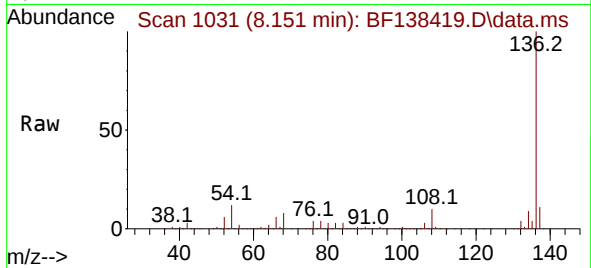




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF138419.D
Acq: 02 Jul 2024 10:12

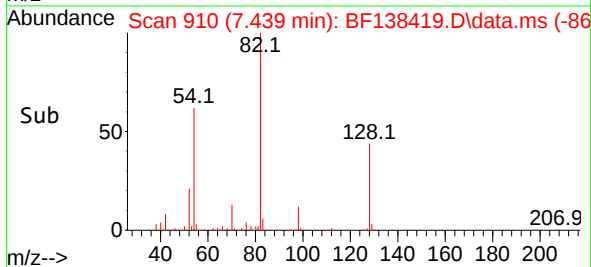
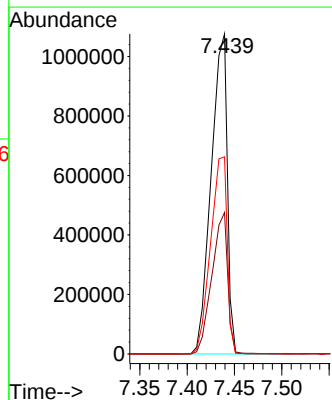
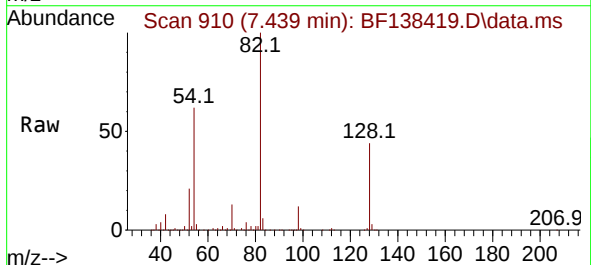
Instrument :
BNA_F
ClientSampleId :
PB161853BL

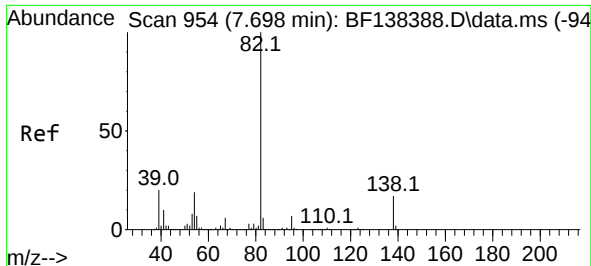
Tgt Ion:136 Resp: 844809
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 12.1 9.0 13.4
68 8.0 5.4 8.0



#23
Nitrobenzene-d5
Concen: 78.260 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138419.D
Acq: 02 Jul 2024 10:12

Tgt Ion: 82 Resp: 1272716
Ion Ratio Lower Upper
82 100
128 44.2 34.6 52.0
54 61.6 50.5 75.7

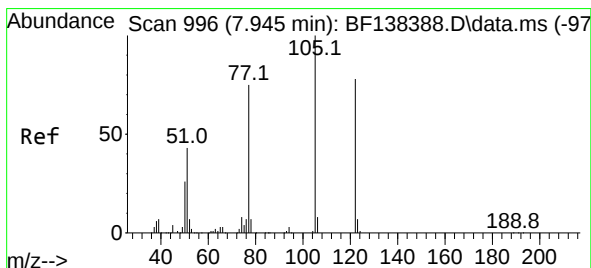
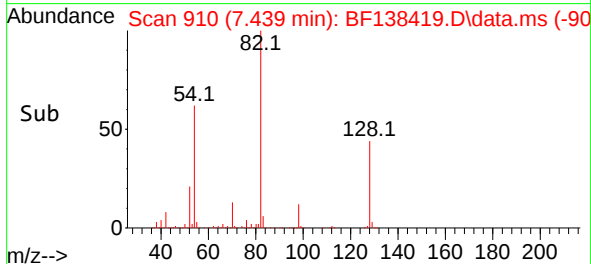
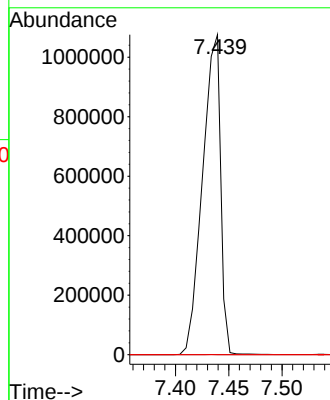
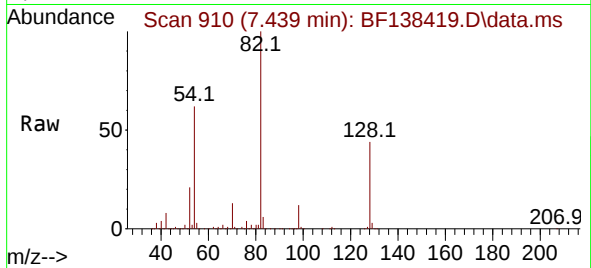




#25
Isophorone
Concen: 42.318 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.259 min
Lab File: BF138419.D
Acq: 02 Jul 2024 10:12

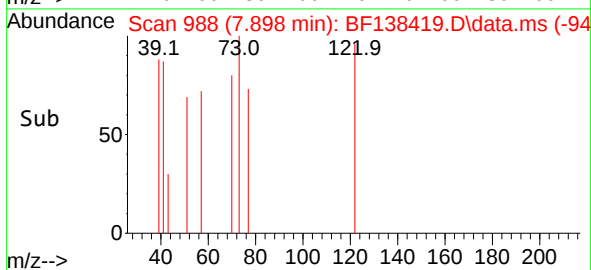
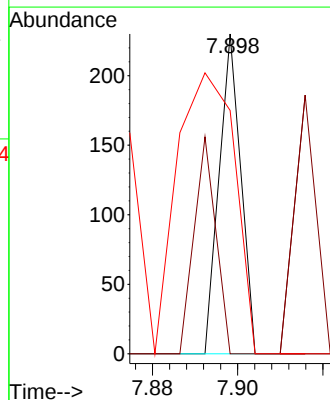
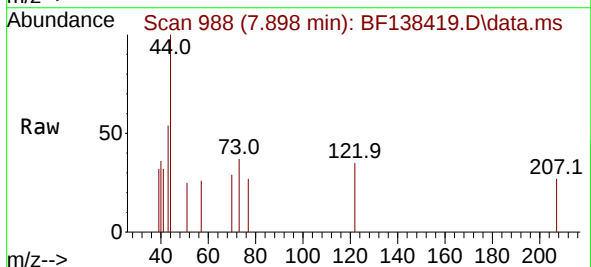
Instrument :
BNA_F
ClientSampleId :
PB161853BL

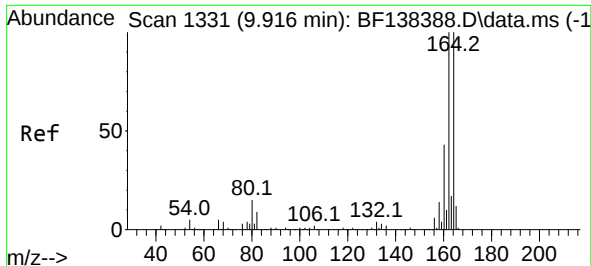
Tgt Ion: 82 Resp: 1268992
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.2#



#32
Benzoic acid
Concen: 4.108 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.047 min
Lab File: BF138419.D
Acq: 02 Jul 2024 10:12

Tgt Ion:122 Resp: 81
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 76.1 74.3 114.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138419.D

Acq: 02 Jul 2024 10:12

Instrument :

BNA_F

ClientSampleId :

PB161853BL

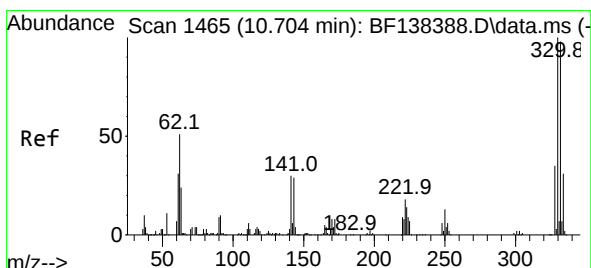
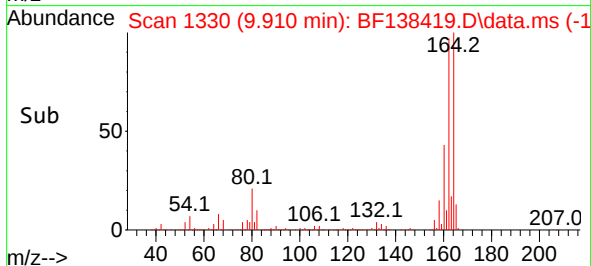
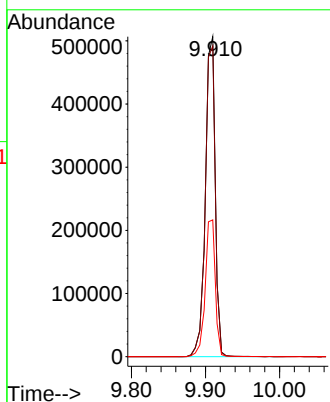
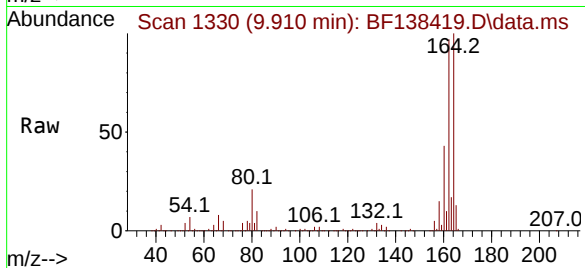
Tgt Ion:164 Resp: 471929

Ion Ratio Lower Upper

164 100

162 97.1 80.1 120.1

160 42.8 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 111.207 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF138419.D

Acq: 02 Jul 2024 10:12

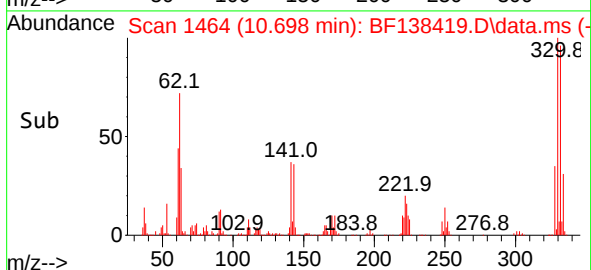
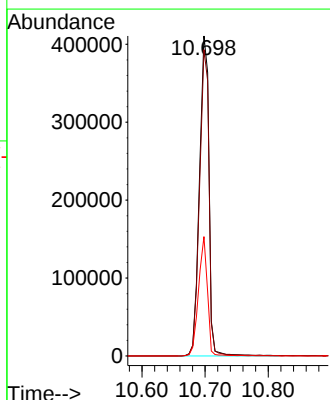
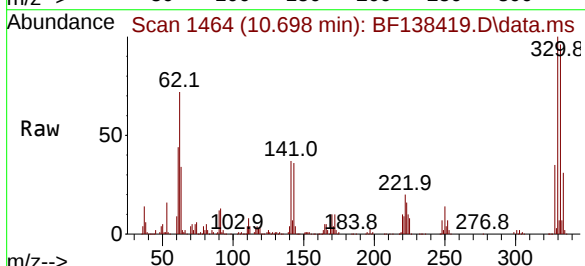
Tgt Ion:330 Resp: 428784

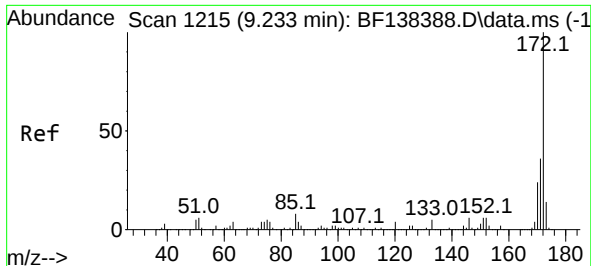
Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

141 35.1 28.1 42.1





#45

2-Fluorobiphenyl

Concen: 70.945 ng

RT: 9.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138419.D

Acq: 02 Jul 2024 10:12

Instrument :

BNA_F

ClientSampleId :

PB161853BL

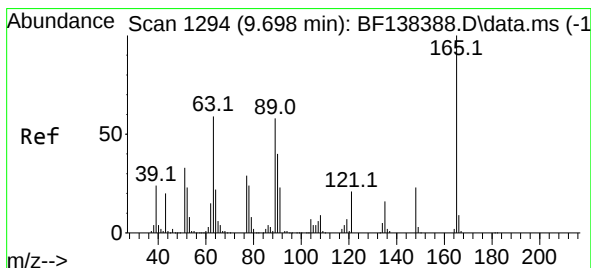
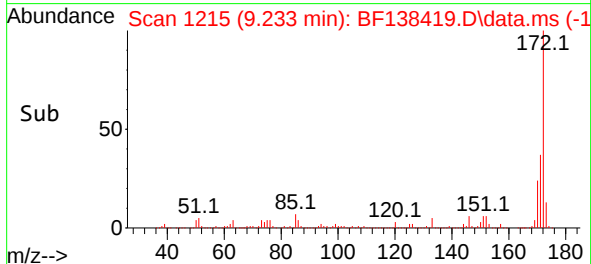
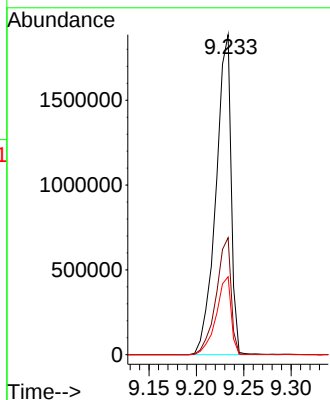
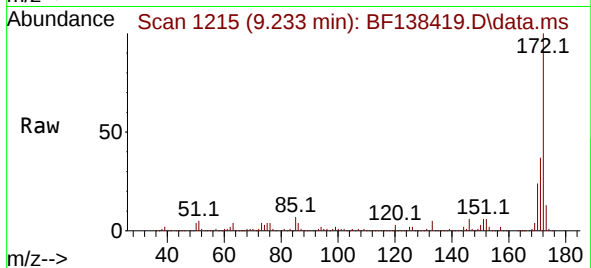
Tgt Ion:172 Resp: 2103786

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.4

170 24.3 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.866 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.212 min

Lab File: BF138419.D

Acq: 02 Jul 2024 10:12

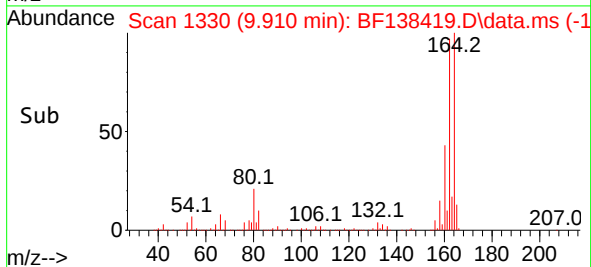
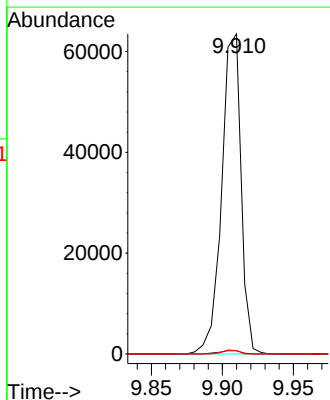
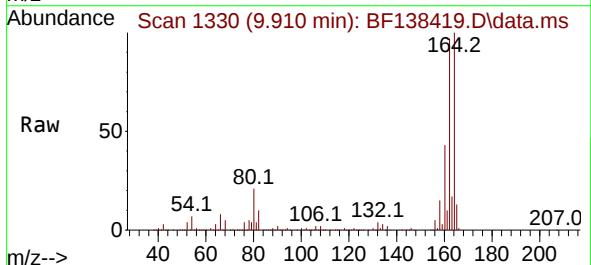
Tgt Ion:165 Resp: 60223

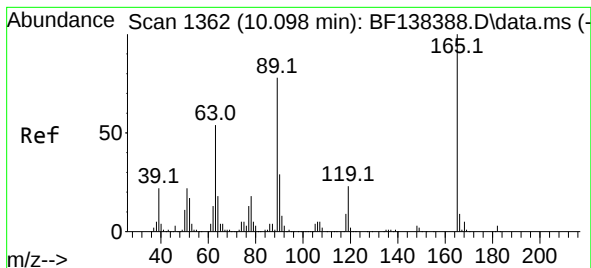
Ion Ratio Lower Upper

165 100

63 1.0 53.8 80.8#

89 1.1 46.4 69.6#

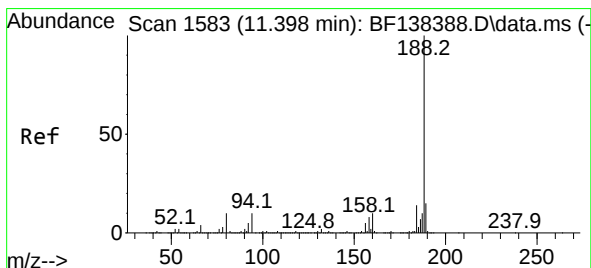
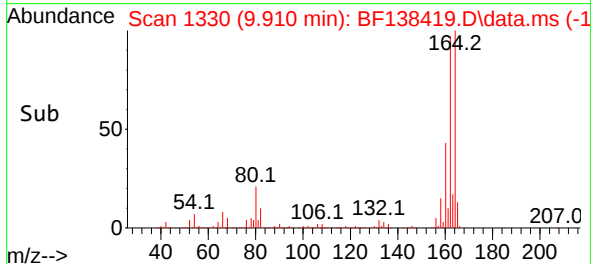
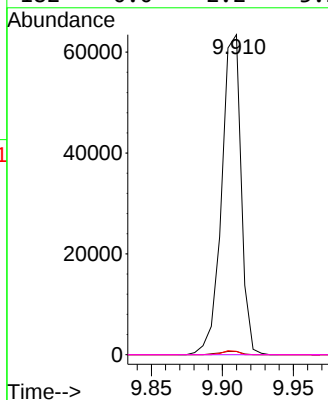
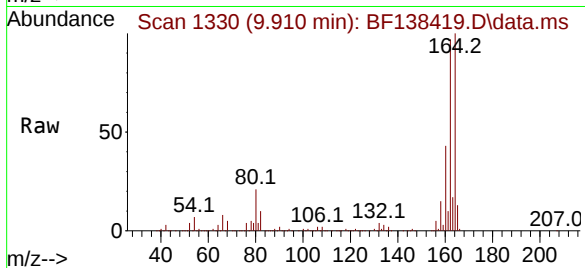




#57
2,4-Dinitrotoluene
Concen: 7.200 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF138419.D
Acq: 02 Jul 2024 10:12

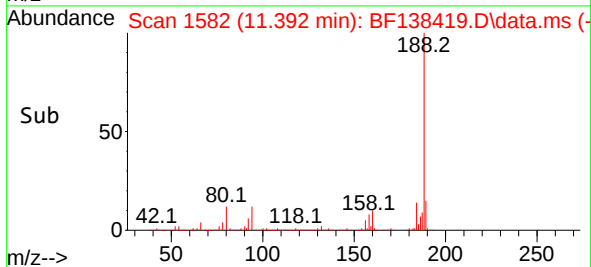
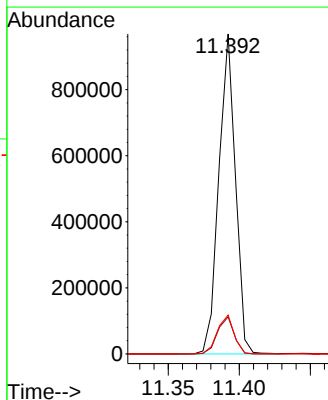
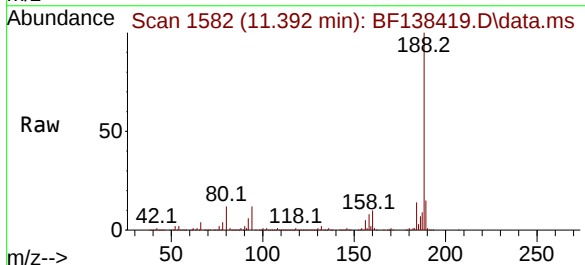
Instrument :
BNA_F
ClientSampleId :
PB161853BL

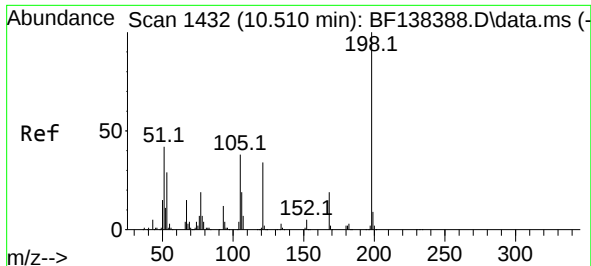
Tgt Ion:165 Resp: 60223
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.2#
89 1.1 62.6 93.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF138419.D
Acq: 02 Jul 2024 10:12

Tgt Ion:188 Resp: 786305
Ion Ratio Lower Upper
188 100
94 11.6 8.0 12.0
80 12.1 8.2 12.4

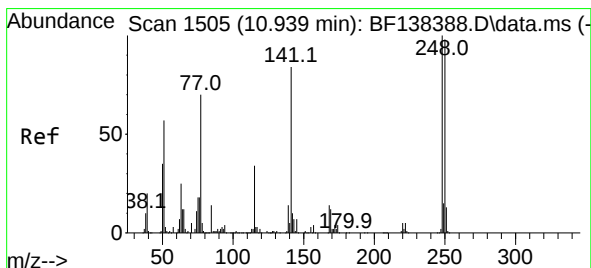
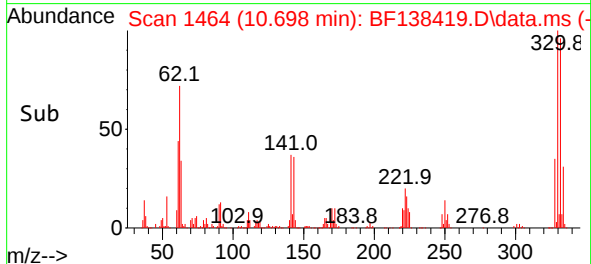
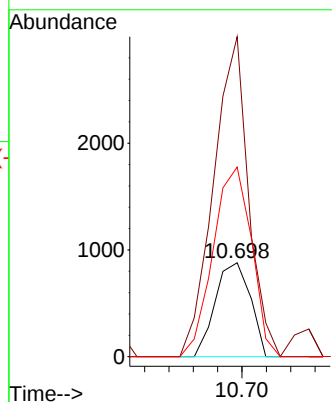
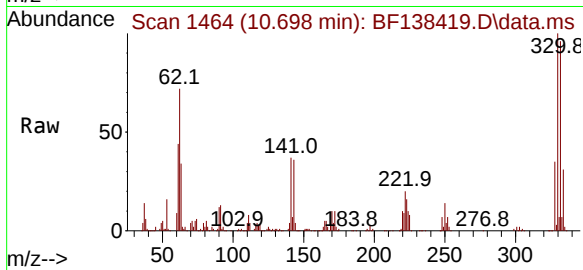




#65
4,6-Dinitro-2-methylphenol
Concen: 5.984 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF138419.D
Acq: 02 Jul 2024 10:12

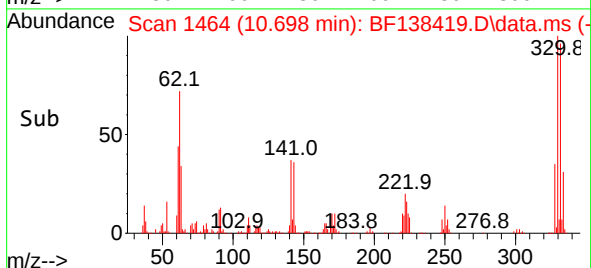
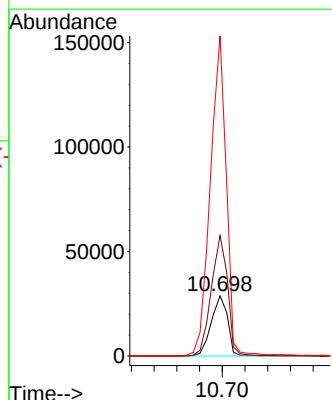
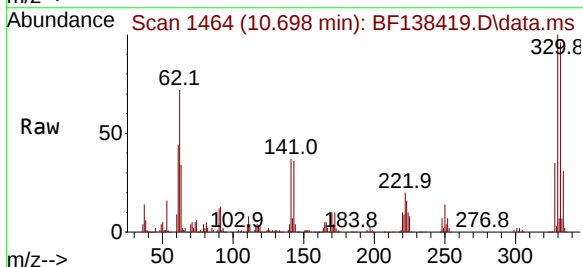
Instrument :
BNA_F
ClientSampleId :
PB161853BL

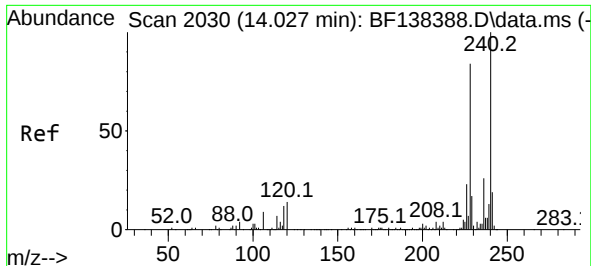
Tgt Ion:198 Resp: 880
Ion Ratio Lower Upper
198 100
51 340.7 27.9 67.9#
105 201.9 18.2 58.2#



#67
4-Bromophenyl-phenylether
Concen: 3.407 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF138419.D
Acq: 02 Jul 2024 10:12

Tgt Ion:248 Resp: 28791
Ion Ratio Lower Upper
248 100
250 199.7 78.2 117.4#
141 531.3 67.6 101.4#

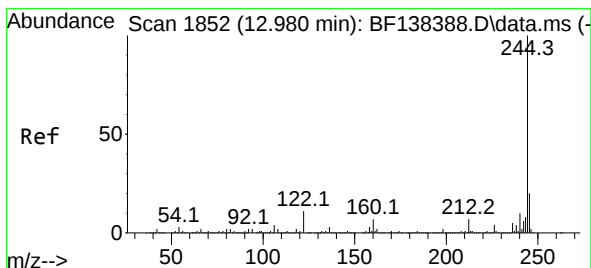
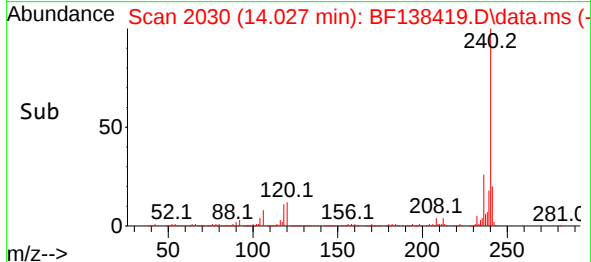
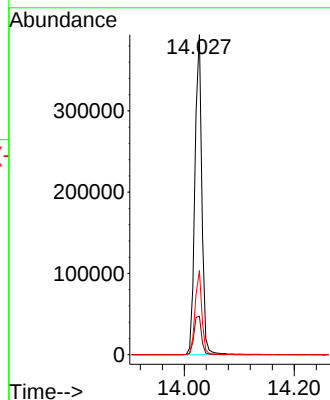
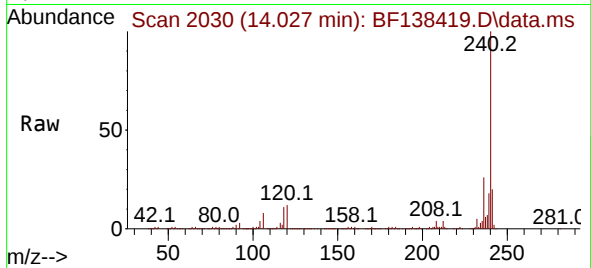




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF138419.D
Acq: 02 Jul 2024 10:12

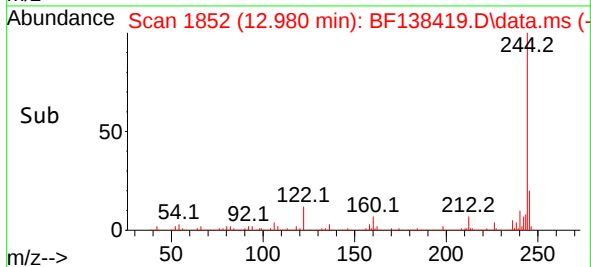
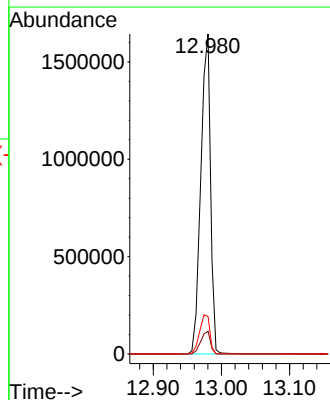
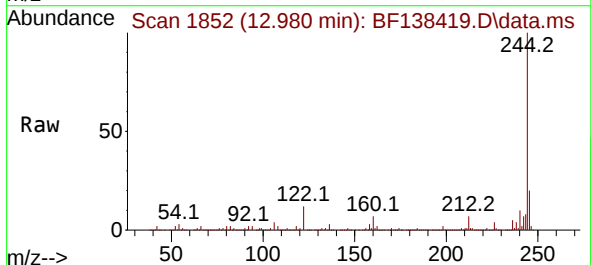
Instrument :
BNA_F
ClientSampleId :
PB161853BL

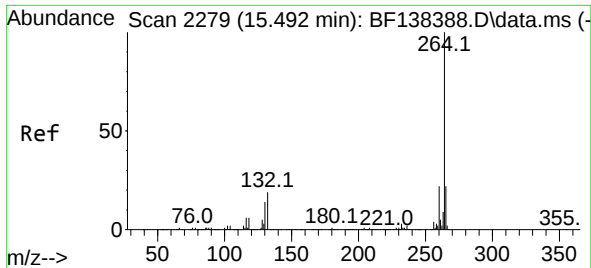
Tgt Ion:240 Resp: 341581
Ion Ratio Lower Upper
240 100
120 12.0 10.9 16.3
236 26.3 20.6 30.8



#79
Terphenyl-d14
Concen: 65.303 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF138419.D
Acq: 02 Jul 2024 10:12

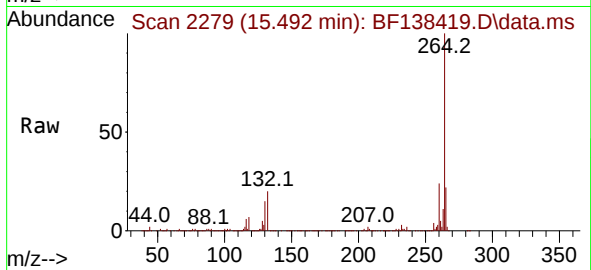
Tgt Ion:244 Resp: 1627686
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 11.7 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF138419.D
 Acq: 02 Jul 2024 10:12

Instrument :
 BNA_F
 ClientSampleId :
 PB161853BL



Tgt Ion:264 Resp: 334806
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.8 26.6
 265 21.9 17.5 26.3

