

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134279.D
 Acq On : 14 Jul 2023 01:01
 Operator : CG\JU
 Sample : 03555-12RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 14 01:59:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

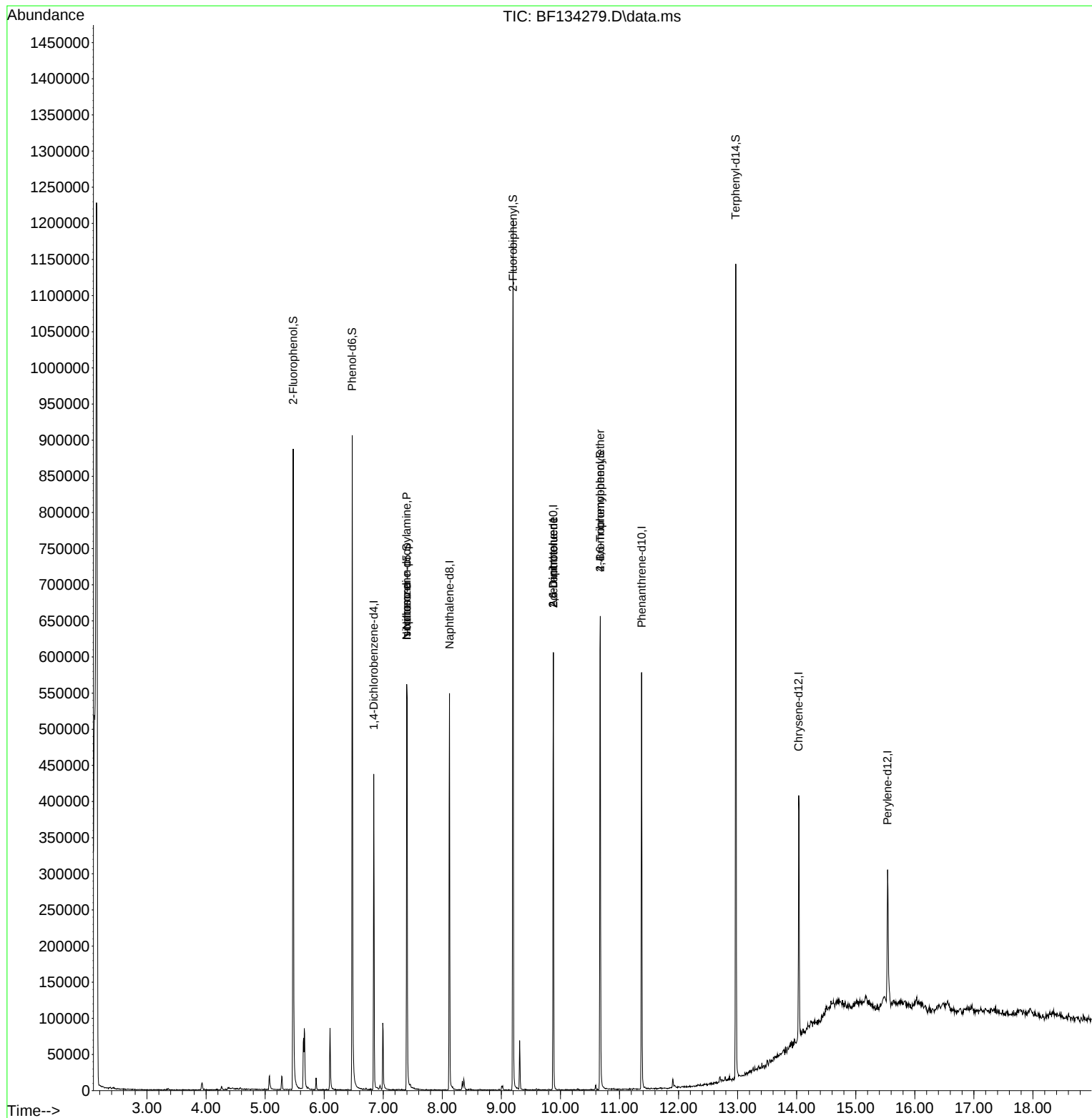
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	58769	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	226258	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	113738	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	199110	20.000	ng	0.00
76) Chrysene-d12	14.033	240	122266	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	89157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	220465	62.752	ng	0.00
7) Phenol-d6	6.475	99	254253	58.846	ng	-0.01
23) Nitrobenzene-d5	7.398	82	179491	42.763	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	82247	57.675	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	354842	45.359	ng	0.00
79) Terphenyl-d14	12.969	244	379643	49.973	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.475	77	443	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	23996	8.758	ng	# 78
25) Isophorone	7.398	82	179491	23.530	ng	# 64
51) 2,6-Dinitrotoluene	9.881	165	14611	8.216	ng	# 22
57) 2,4-Dinitrotoluene	9.881	165	14611	6.222	ng	# 21
67) 4-Bromophenyl-phenylether	10.675	248	5150	2.433	ng	# 1

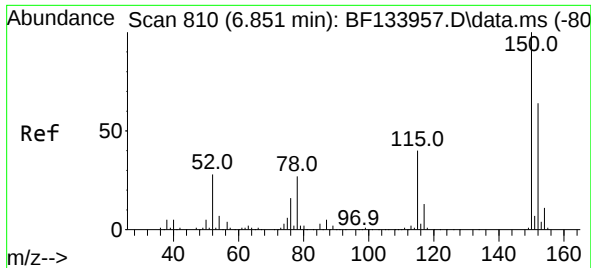
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
Data File : BF134279.D
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Operator : CG\JU
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Misc :
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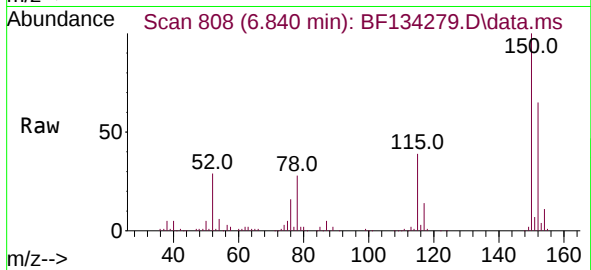
Quant Time: Jul 14 01:59:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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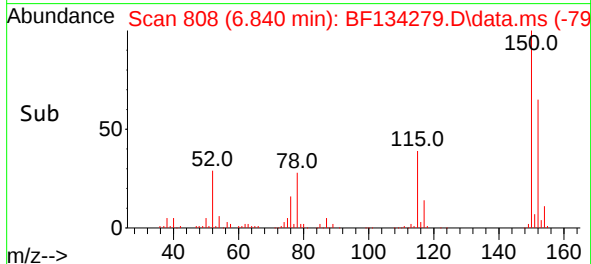
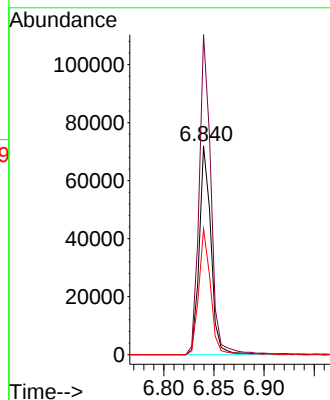


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134279.D
Acq: 14 Jul 2023 01:01

Instrument :
BNA_F
ClientSampleId :

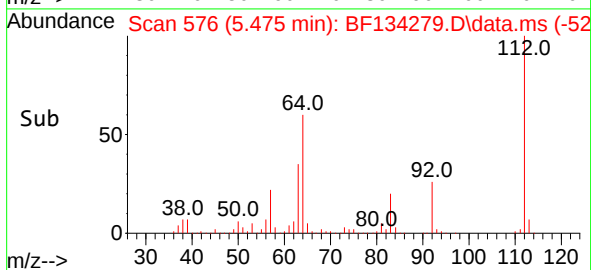
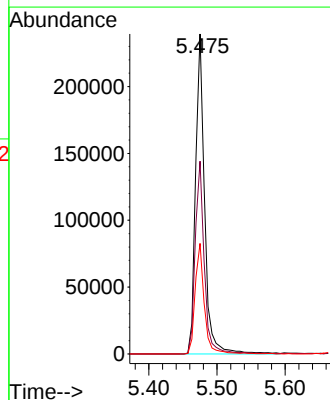
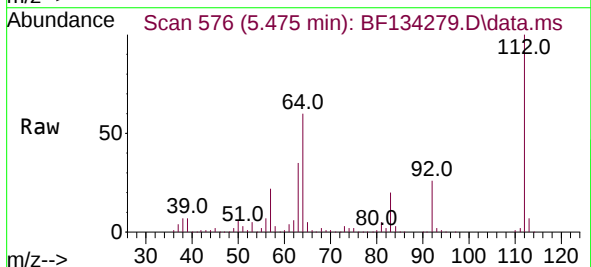


Tgt Ion:152 Resp: 58769
Ion Ratio Lower Upper
152 100
150 153.2 124.5 186.7
115 60.2 50.2 75.2



#5
2-Fluorophenol
Concen: 62.752 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF134279.D
Acq: 14 Jul 2023 01:01

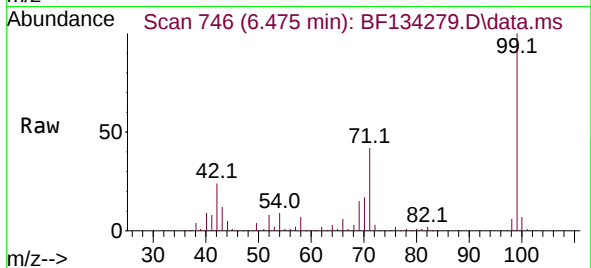
Tgt Ion:112 Resp: 220465
Ion Ratio Lower Upper
112 100
64 60.3 52.1 78.1
63 34.5 28.6 42.8



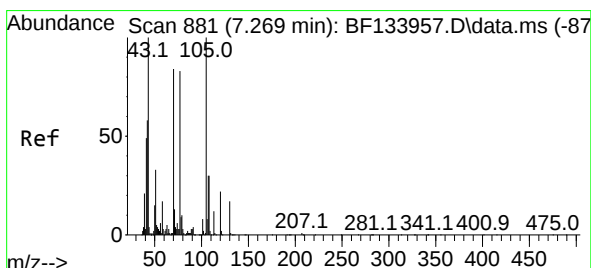
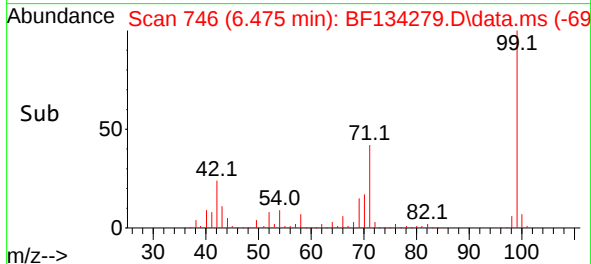
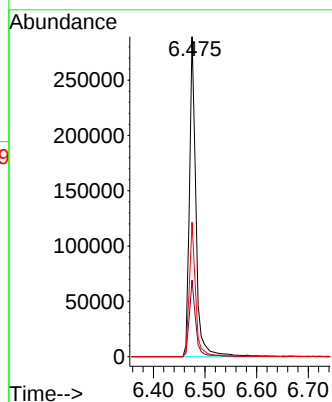


#7
Phenol-d6
Concen: 58.846 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134279.D
Acq: 14 Jul 2023 01:01

Instrument :
BNA_F
ClientSampleId :

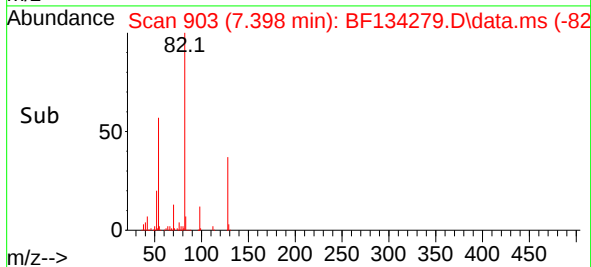
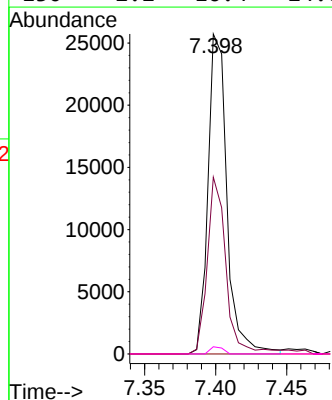
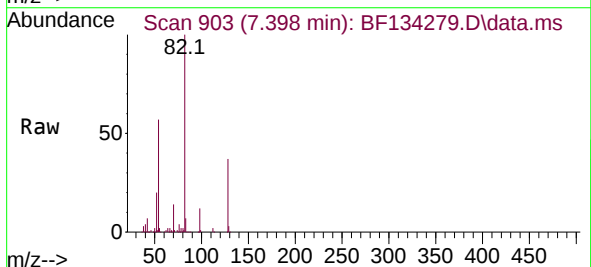


Tgt Ion: 99 Resp: 254253
Ion Ratio Lower Upper
99 100
42 23.9 19.8 29.6
71 42.0 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 8.758 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF134279.D
Acq: 14 Jul 2023 01:01

Tgt Ion: 70 Resp: 23996
Ion Ratio Lower Upper
70 100
42 55.2 54.7 82.1
101 0.0 7.7 11.5#
130 2.2 16.4 24.6#



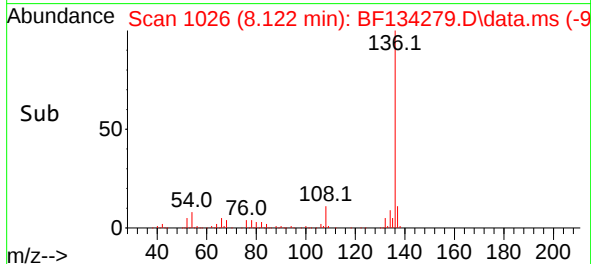
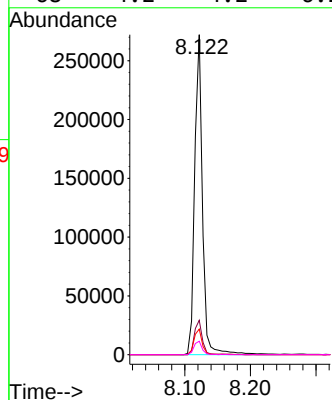
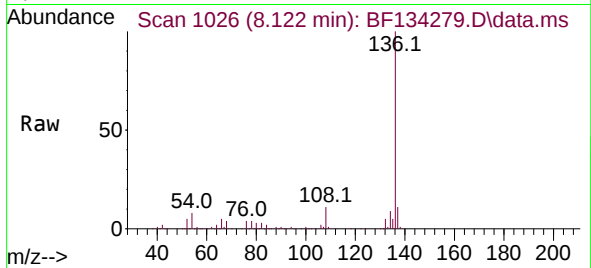


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134279.D
Acq: 14 Jul 2023 01:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 226258

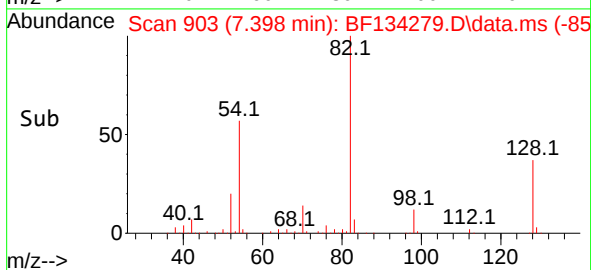
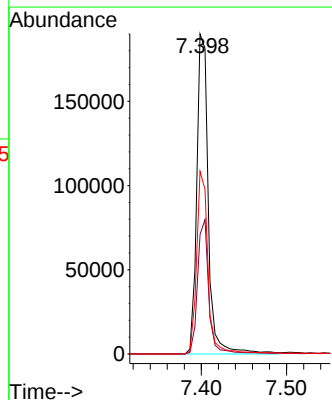
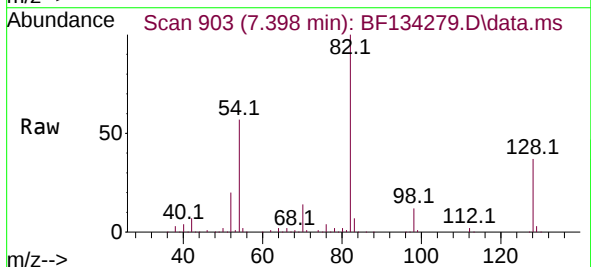
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	8.0	6.5	9.7
68	4.2	4.2	6.2



#23
Nitrobenzene-d5
Concen: 42.763 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF134279.D
Acq: 14 Jul 2023 01:01

Tgt Ion: 82 Resp: 179491

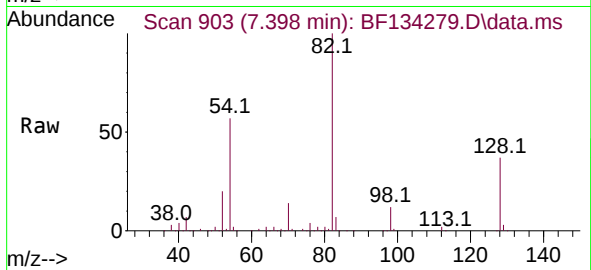
Ion	Ratio	Lower	Upper
82	100		
128	37.3	32.5	48.7
54	57.0	48.2	72.2



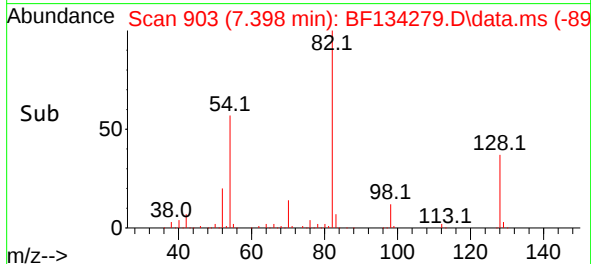
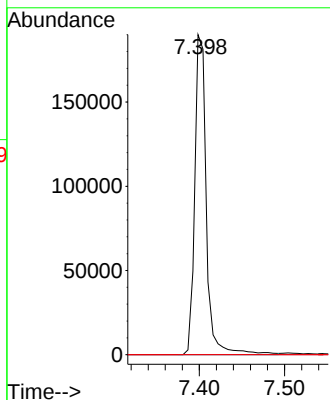


#25
Isophorone
Concen: 23.530 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134279.D
Acq: 14 Jul 2023 01:01

Instrument :
BNA_F
ClientSampleId :

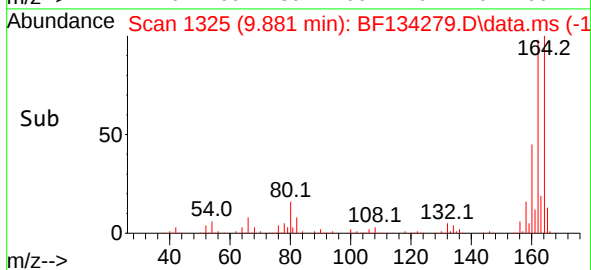
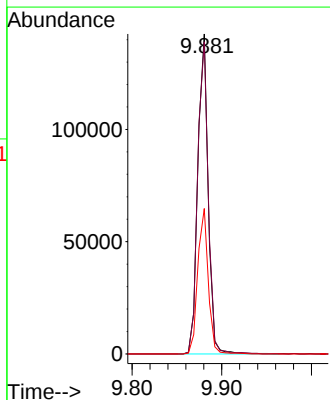
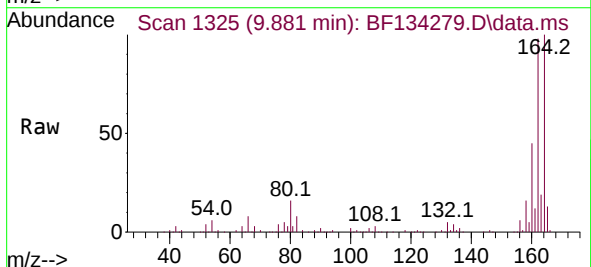


Tgt Ion: 82 Resp: 179491
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134279.D
Acq: 14 Jul 2023 01:01

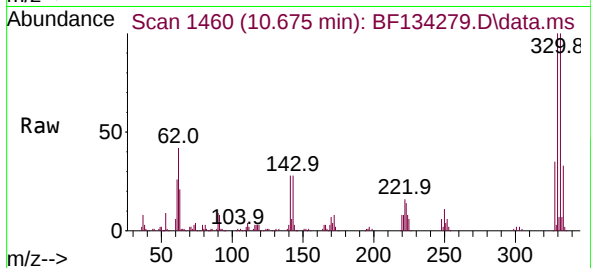
Tgt Ion:164 Resp: 113738
Ion Ratio Lower Upper
164 100
162 97.6 80.0 120.0
160 45.4 35.9 53.9



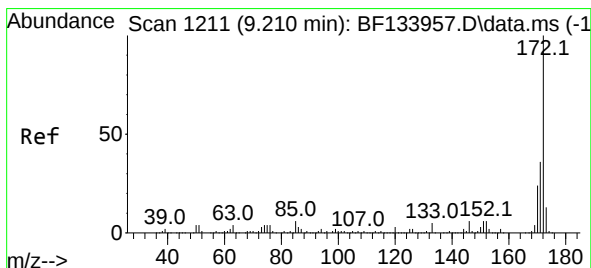
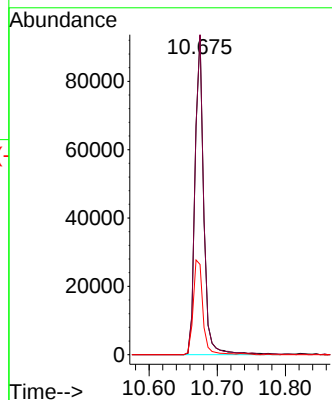
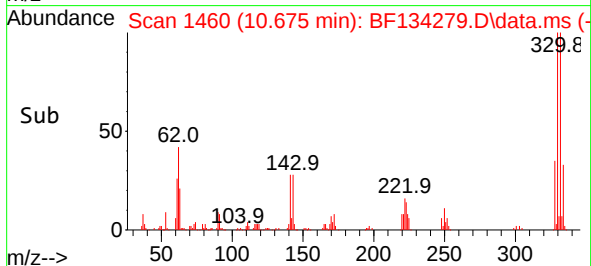


#42
2,4,6-Tribromophenol
Concen: 57.675 ng
RT: 10.675 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF134279.D
Acq: 14 Jul 2023 01:01

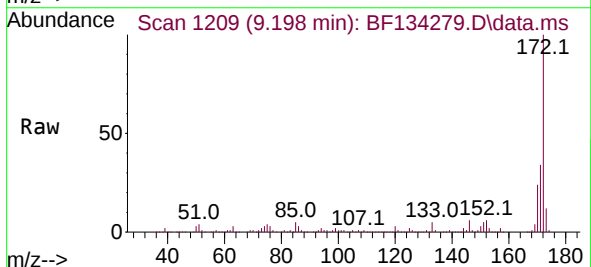
Instrument :
BNA_F
ClientSampleId :



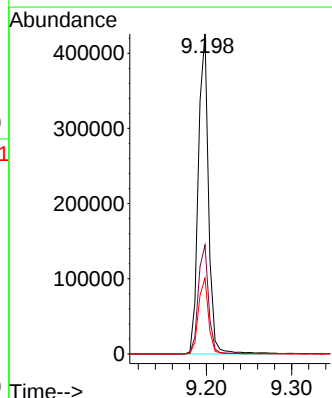
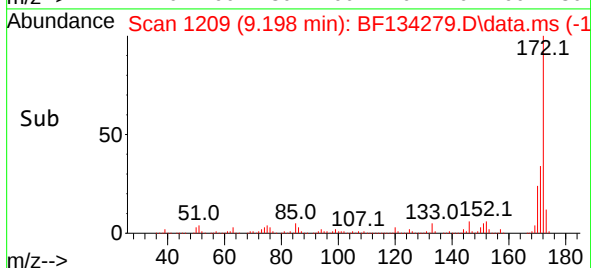
Tgt Ion:330 Resp: 82247
Ion Ratio Lower Upper
330 100
332 99.9 77.0 115.6
141 32.9 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 45.359 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134279.D
Acq: 14 Jul 2023 01:01



Tgt Ion:172 Resp: 354842
Ion Ratio Lower Upper
172 100
171 34.0 28.6 43.0
170 23.7 19.4 29.0

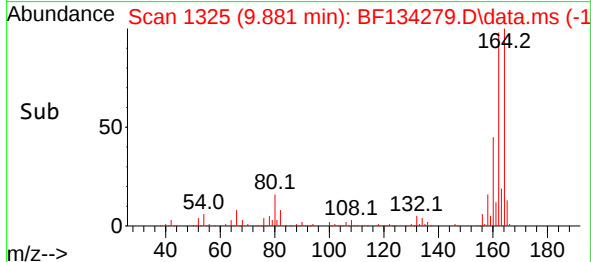
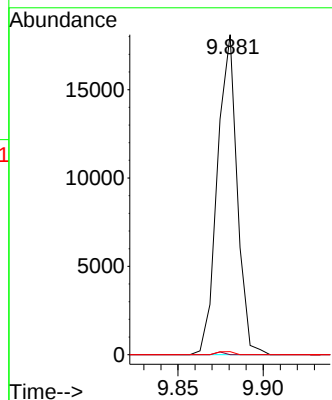
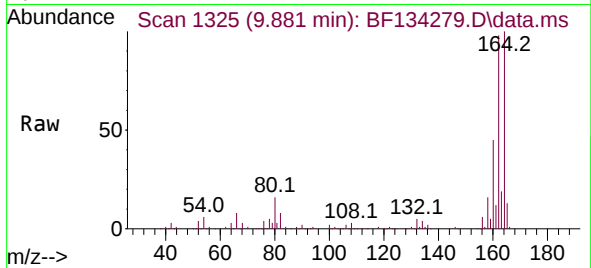




#51
2,6-Dinitrotoluene
Concen: 8.216 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134279.D
Acq: 14 Jul 2023 01:01

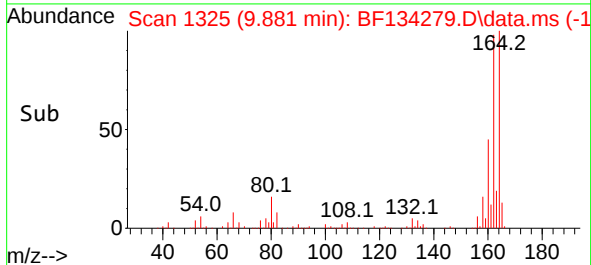
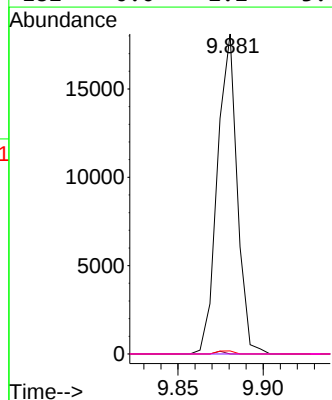
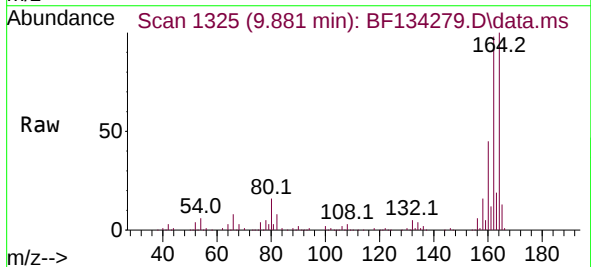
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 14611
Ion Ratio Lower Upper
165 100
63 0.0 48.5 72.7#
89 1.0 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.222 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF134279.D
Acq: 14 Jul 2023 01:01

Tgt Ion:165 Resp: 14611
Ion Ratio Lower Upper
165 100
63 0.0 42.2 63.2#
89 1.0 57.4 86.2#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134279.D

Acq: 14 Jul 2023 01:01

Instrument :

BNA_F

ClientSampleId :

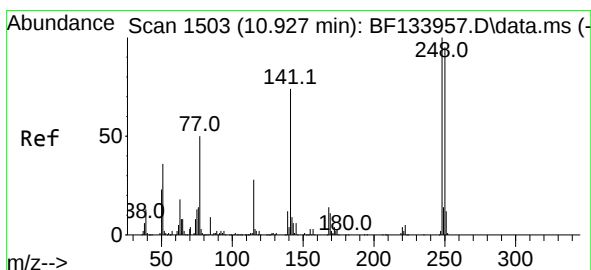
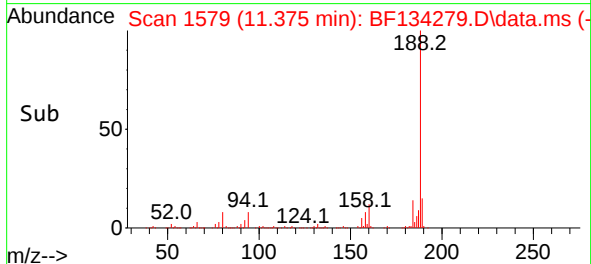
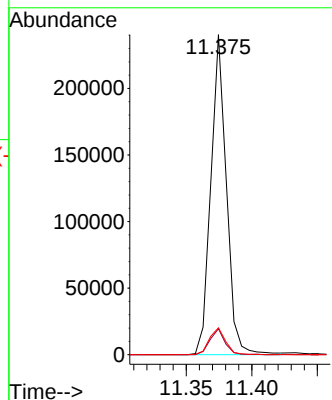
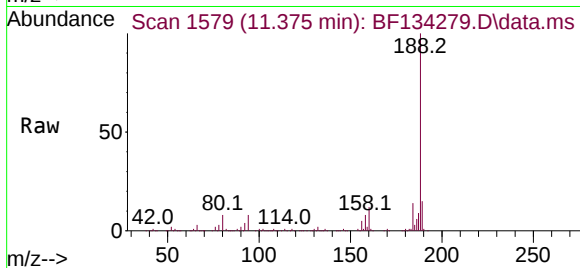
Tgt Ion:188 Resp: 199110

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.4 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 2.433 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.247 min

Lab File: BF134279.D

Acq: 14 Jul 2023 01:01

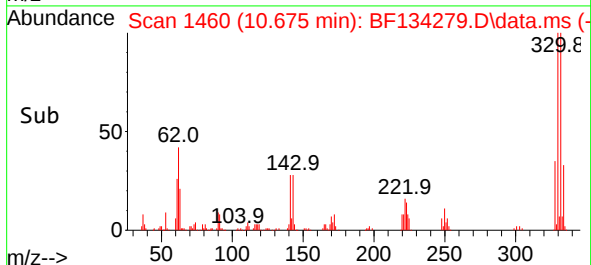
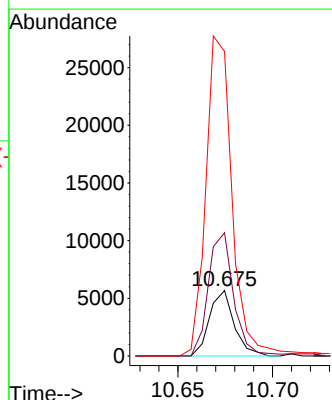
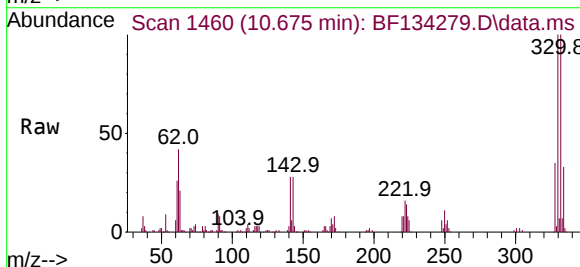
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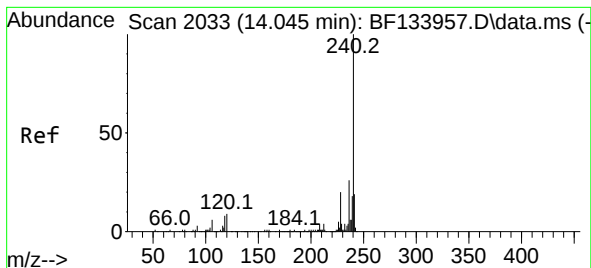
Ion Ratio Lower Upper

248 100

250 188.2 76.2 114.4#

141 465.6 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF134279.D

Acq: 14 Jul 2023 01:01

Instrument :

BNA_F

ClientSampleId :

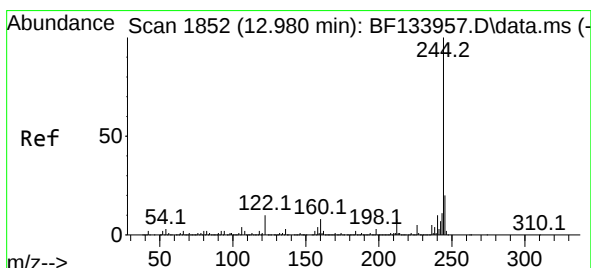
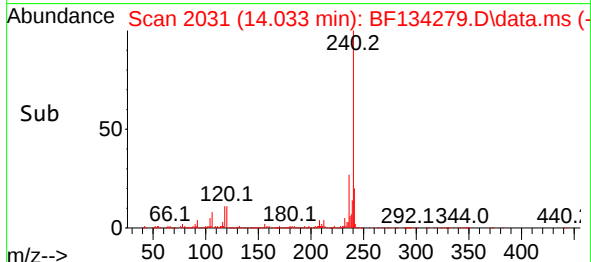
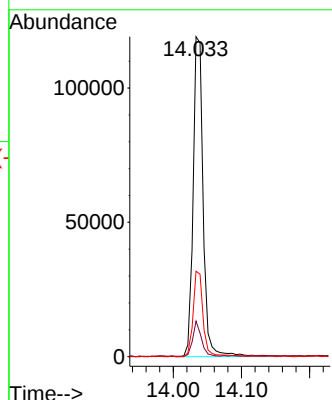
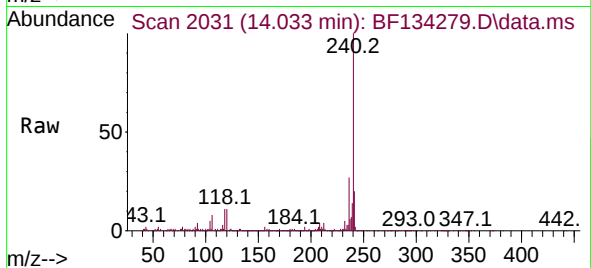
Tgt Ion:240 Resp: 122266

Ion Ratio Lower Upper

240 100

120 11.1 7.4 11.0#

236 26.7 21.0 31.6



#79

Terphenyl-d14

Concen: 49.973 ng

RT: 12.969 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF134279.D

Acq: 14 Jul 2023 01:01

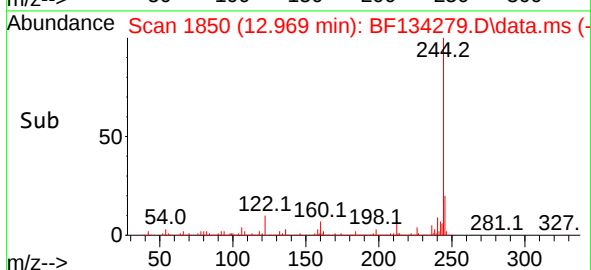
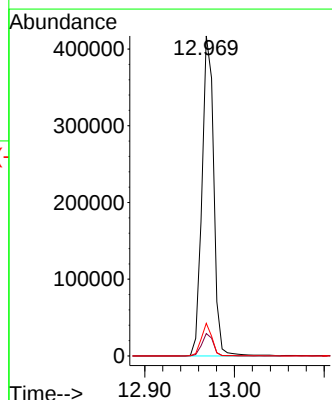
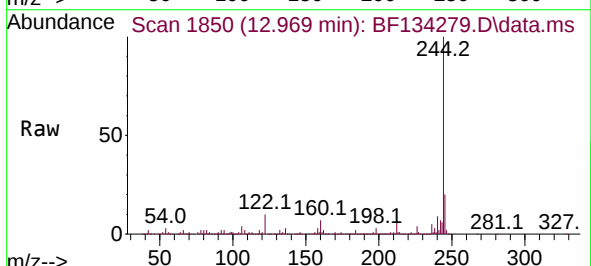
Tgt Ion:244 Resp: 379643

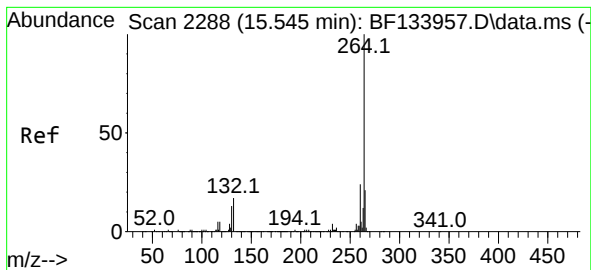
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

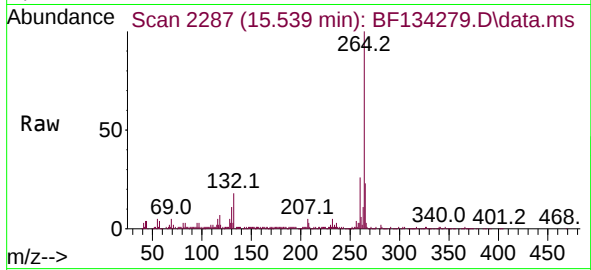
122 10.2 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134279.D
Acq: 14 Jul 2023 01:01

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:	264	Resp:	89157
Ion Ratio	Lower	Upper	
264	100		
260	25.5	19.5	29.3
265	22.5	16.6	25.0

