

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
 Data File : BF133636.D
 Acq On : 08 Jun 2023 11:56
 Operator : CG\JU
 Sample : 03016-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP04

Quant Time: Jun 08 13:04:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:43:32 2023
 Response via : Initial Calibration

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

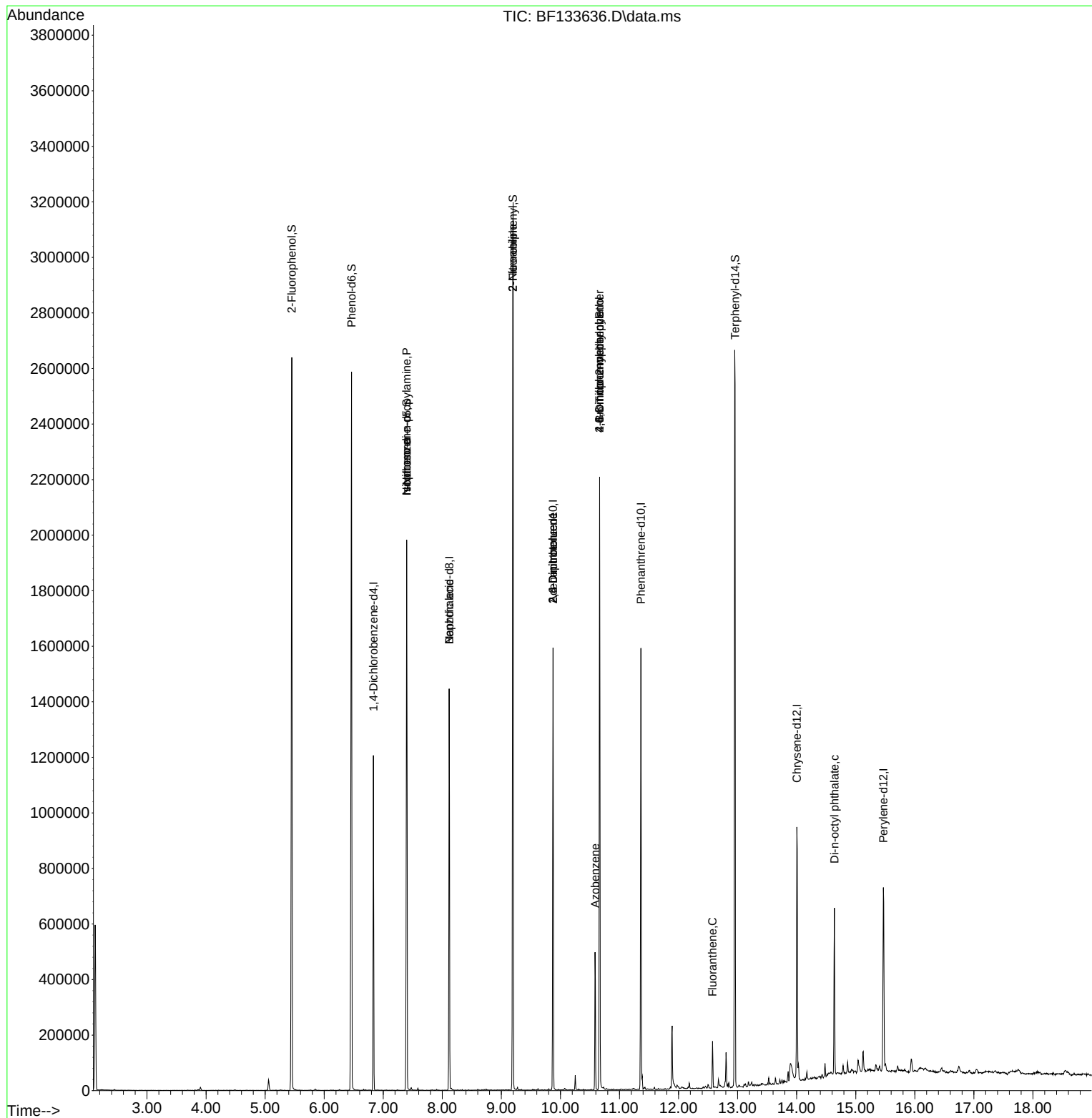
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	152690	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	582442	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	287613	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	530351	20.000	ng	0.00
76) Chrysene-d12	14.004	240	308959	20.000	ng	-0.01
86) Perylene-d12	15.468	264	304849	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	695565	76.005	ng	0.00
7) Phenol-d6	6.463	99	867995	77.048	ng	0.00
23) Nitrobenzene-d5	7.398	82	578942	66.367	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	255284	89.043	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1012319	54.325	ng	0.00
79) Terphenyl-d14	12.957	244	998765	57.477	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.381	77	81	Below Cal		90
19) n-Nitroso-di-n-propyla...	7.398	70	78909	10.826	ng	# 78
25) Isophorone	7.398	82	576238	28.344	ng	# 65
32) Benzoic acid	8.116	122	66	7.359	ng	# 1
48) 2-Nitroaniline	9.192	65	1793	4.293	ng	# 1
51) 2,6-Dinitrotoluene	9.874	165	36113	12.358	ng	# 18
57) 2,4-Dinitrotoluene	9.874	165	36113	11.568	ng	# 15
63) Azobenzene	10.586	77	81403	3.875	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.663	198	480	8.893	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	15938	2.830	ng	# 1
75) Fluoranthene	12.574	202	60844	2.051	ng	98
85) Di-n-octyl phthalate	14.639	149	51709	2.387	ng	# 51

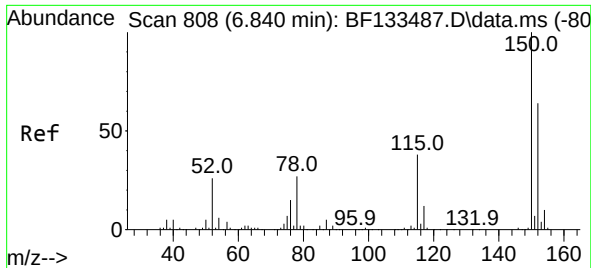
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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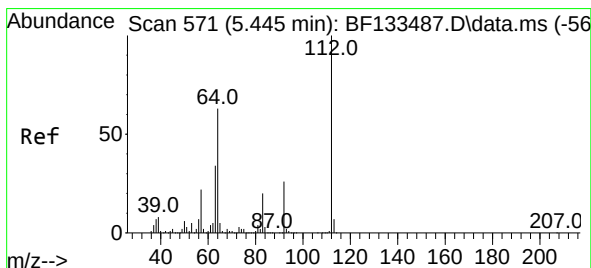
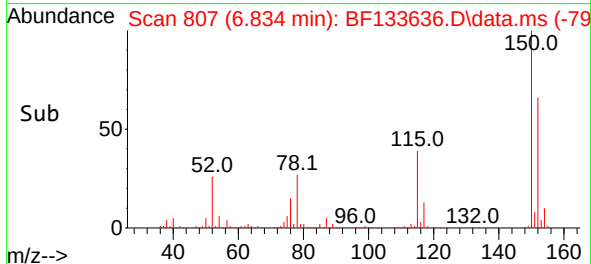
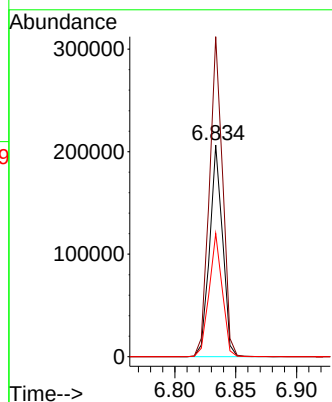
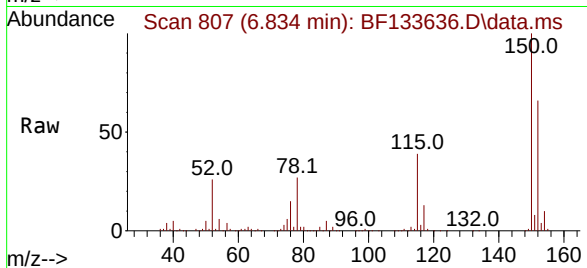




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

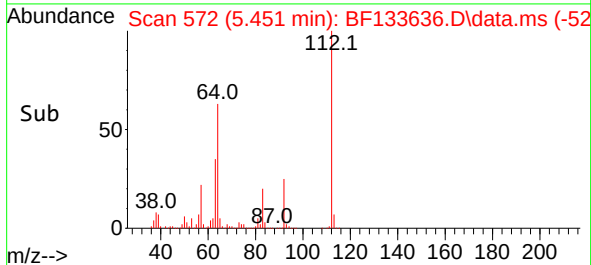
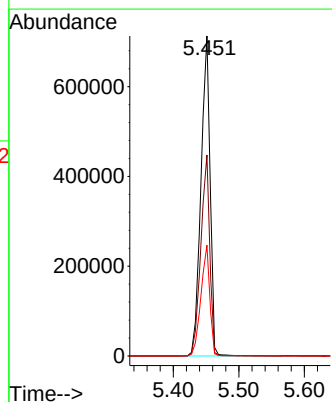
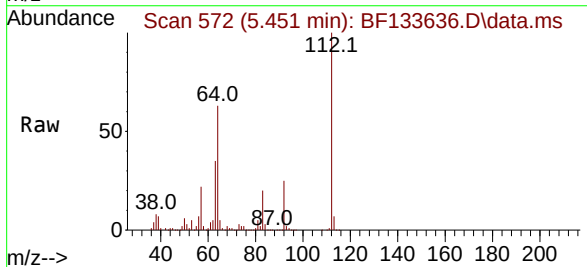
Instrument :
BNA_F
ClientSampleId :
DUP04

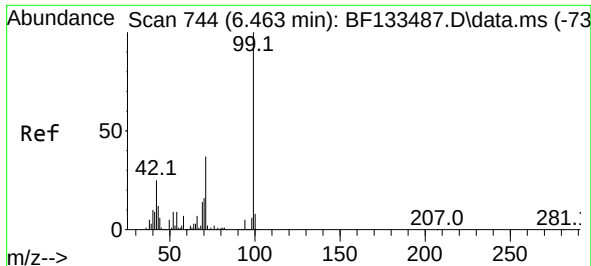
Tgt Ion:152 Resp: 152690
Ion Ratio Lower Upper
152 100
150 151.2 124.9 187.3
115 58.2 48.1 72.1



#5
2-Fluorophenol
Concen: 76.005 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

Tgt Ion:112 Resp: 695565
Ion Ratio Lower Upper
112 100
64 62.8 50.1 75.1
63 34.6 27.5 41.3

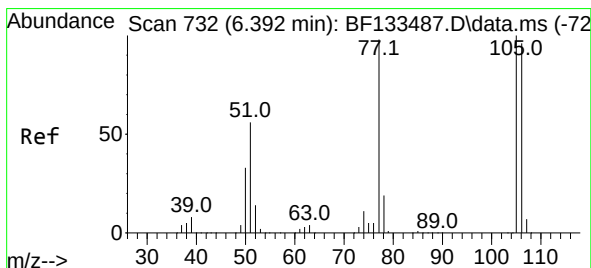
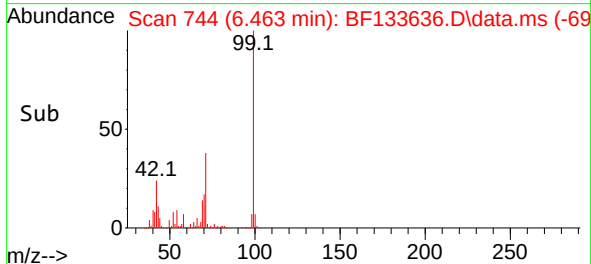
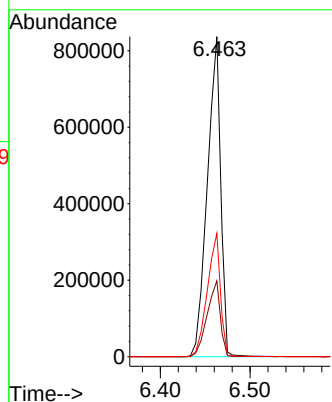
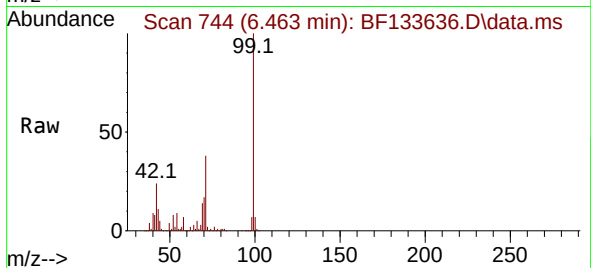




#7
Phenol-d6
Concen: 77.048 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

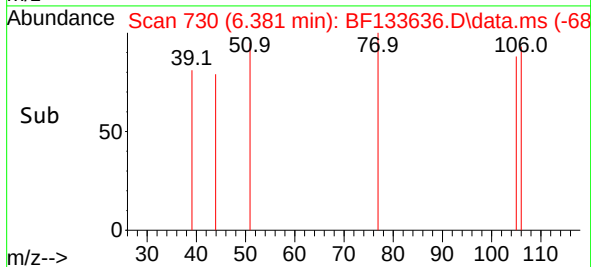
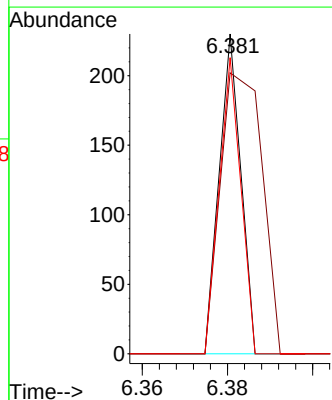
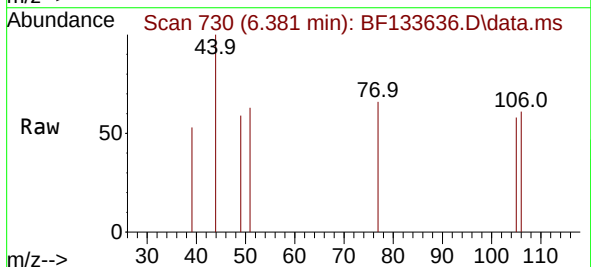
Instrument :
BNA_F
ClientSampleId :
DUP04

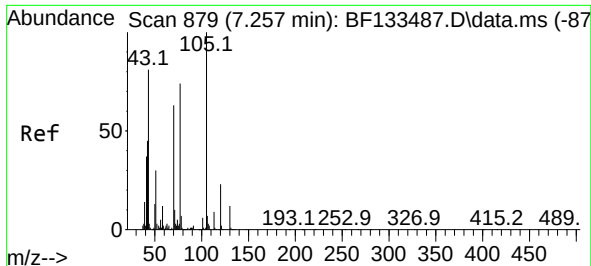
Tgt Ion: 99 Resp: 867995
Ion Ratio Lower Upper
99 100
42 23.7 19.7 29.5
71 38.5 29.8 44.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

Tgt Ion: 77 Resp: 81
Ion Ratio Lower Upper
77 100
105 87.8 81.9 121.9
106 92.6 77.8 117.8

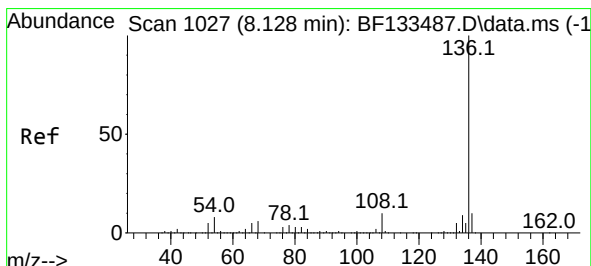
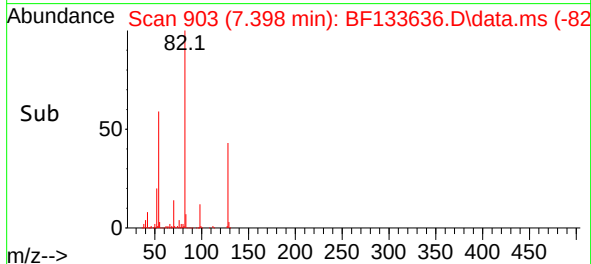
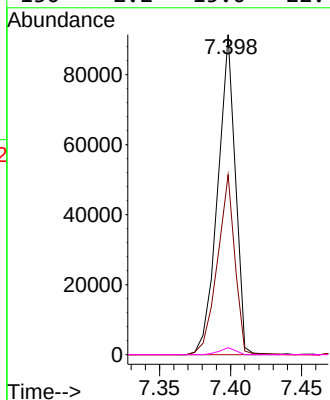
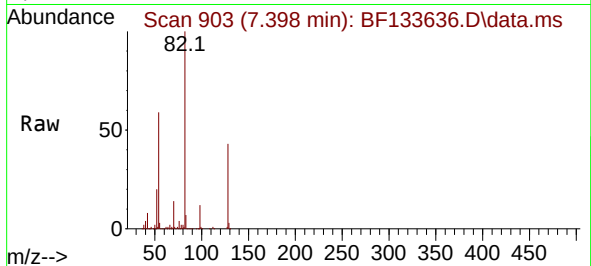




#19
n-Nitroso-di-n-propylamine
Concen: 10.826 ng
RT: 7.398 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

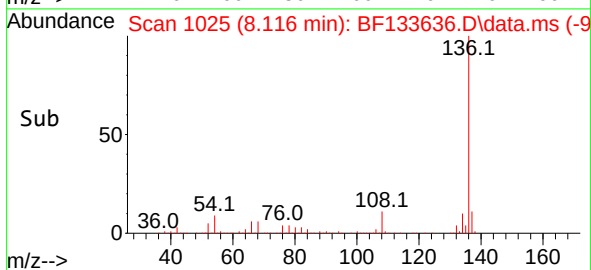
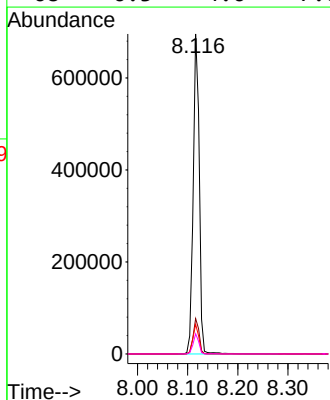
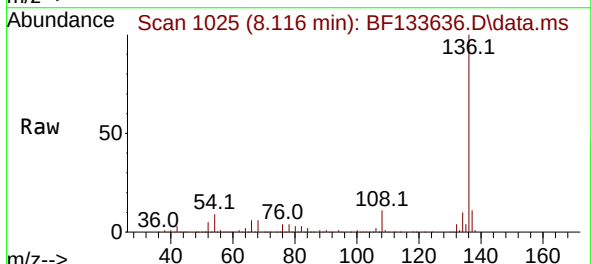
Instrument :
BNA_F
ClientSampleId :
DUP04

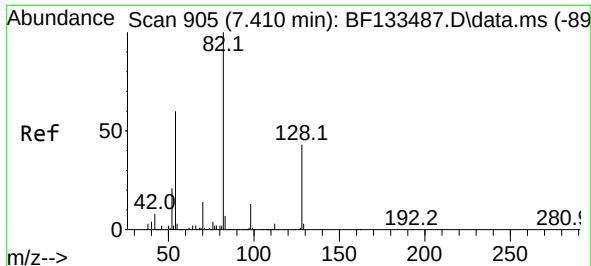
Tgt Ion: 70	Resp: 78909
Ion Ratio	Lower Upper
70	100
42	56.2 57.2 85.8#
101	0.0 7.3 10.9#
130	2.2 15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

Tgt Ion: 136	Resp: 582442
Ion Ratio	Lower Upper
136	100
137	11.0 8.2 12.4
54	9.3 6.6 10.0
68	6.3 4.6 7.0

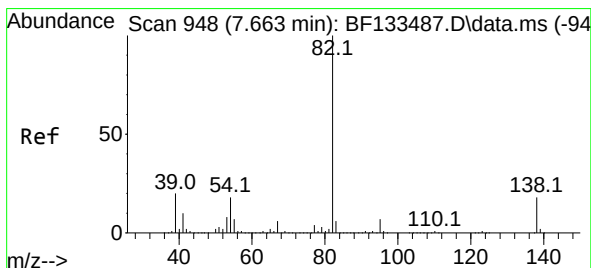
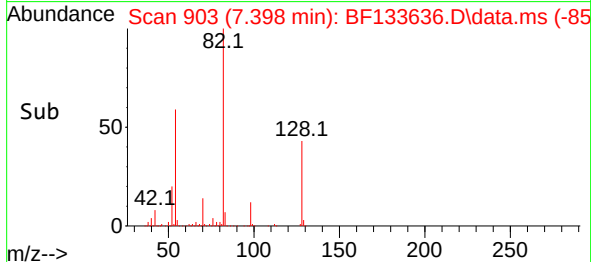
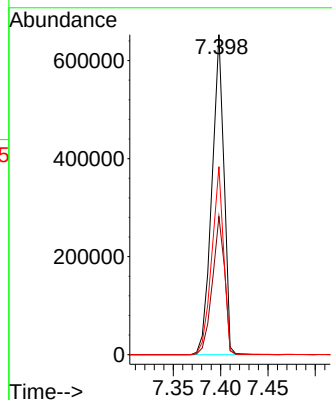
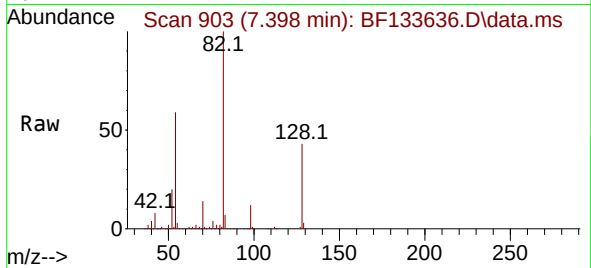




#23
Nitrobenzene-d5
Concen: 66.367 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

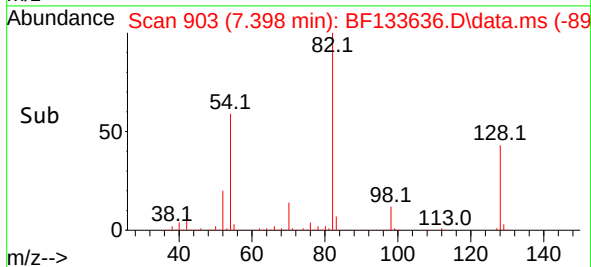
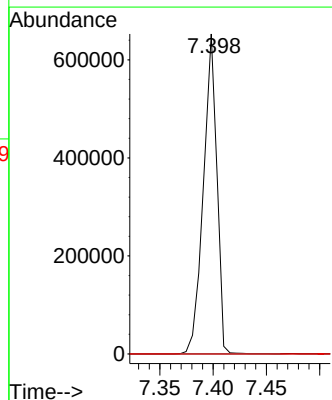
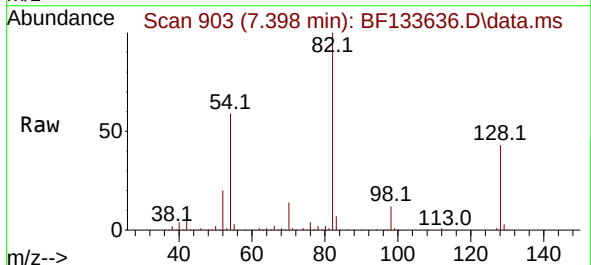
Instrument :
BNA_F
ClientSampleId :
DUP04

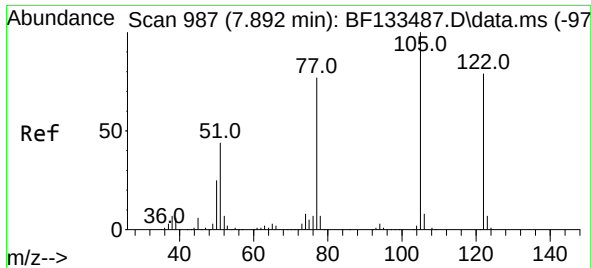
Tgt Ion: 82 Resp: 578942
Ion Ratio Lower Upper
82 100
128 43.2 34.2 51.4
54 58.7 48.2 72.4



#25
Isophorone
Concen: 28.344 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.265 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

Tgt Ion: 82 Resp: 576238
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.4#

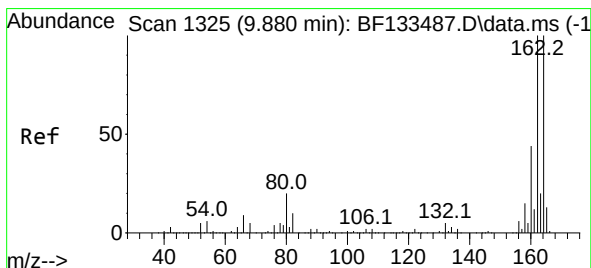
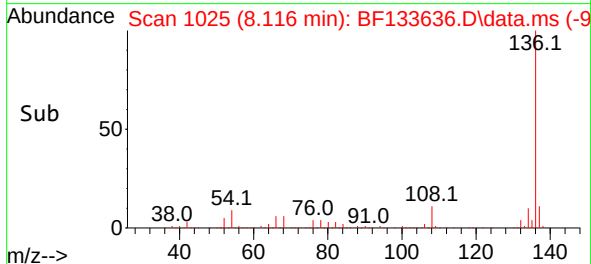
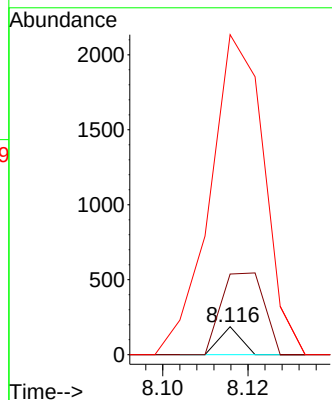
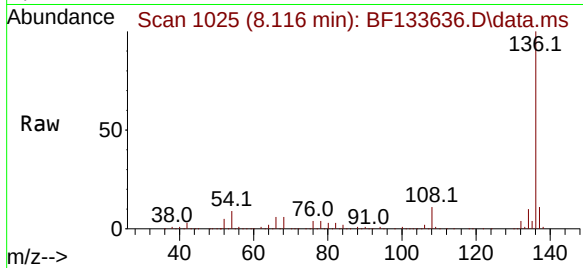




#32
Benzoic acid
Concen: 7.359 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.229 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

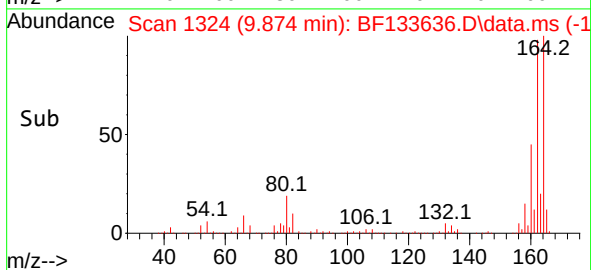
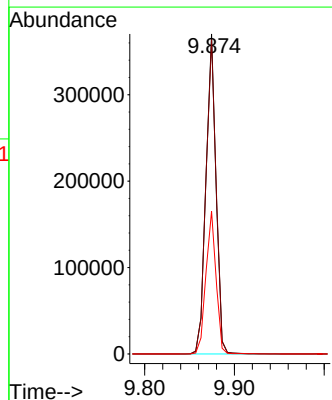
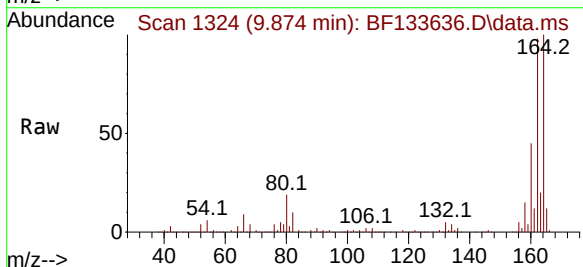
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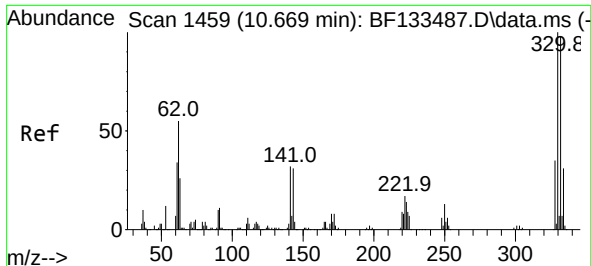
Tgt Ion:122 Resp: 66
Ion Ratio Lower Upper
122 100
105 287.7 103.3 143.3#
77 1141.2 75.7 115.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

Tgt Ion:164 Resp: 287613
Ion Ratio Lower Upper
164 100
162 98.2 79.7 119.5
160 44.6 35.4 53.0

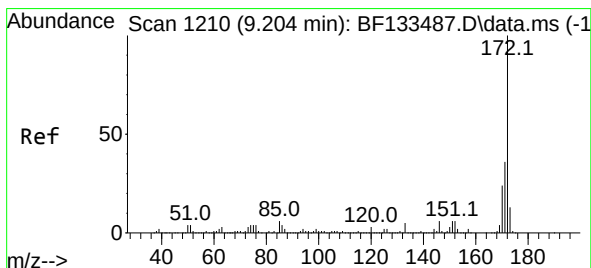
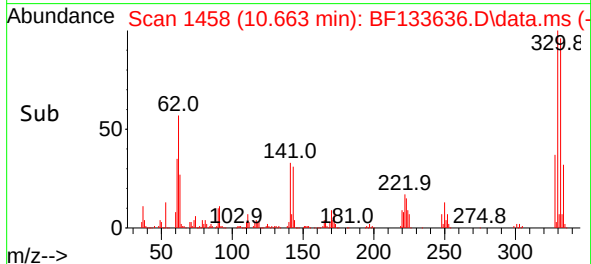
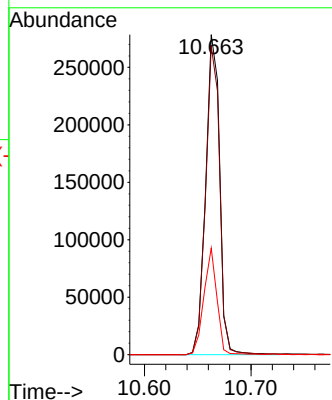
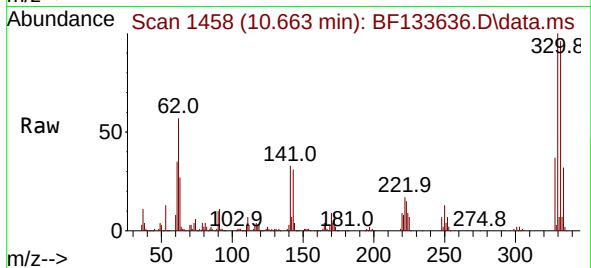




#42
2,4,6-Tribromophenol
Concen: 89.043 ng
RT: 10.663 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

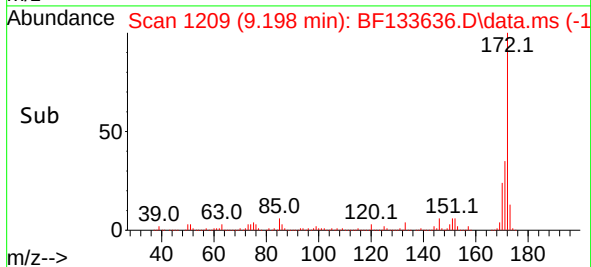
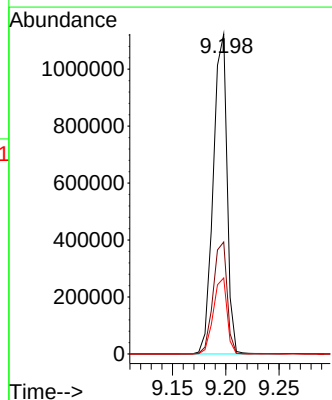
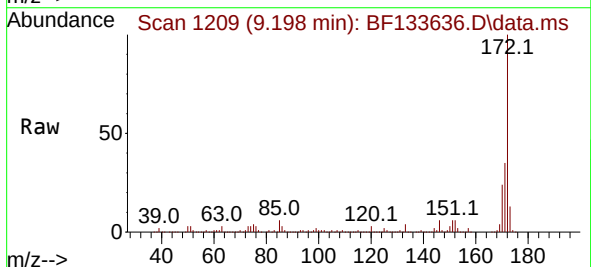
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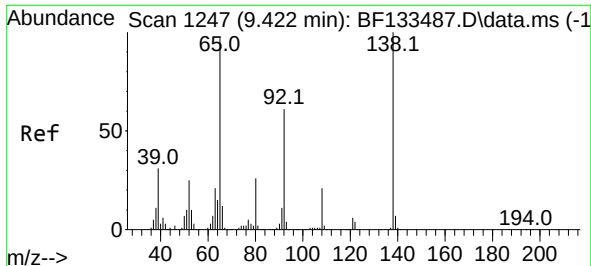
Tgt Ion:330 Resp: 255284
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.6
141 31.0 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 54.325 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

Tgt Ion:172 Resp: 1012319
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.7 19.3 28.9

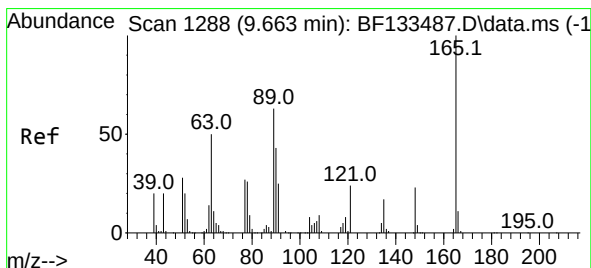
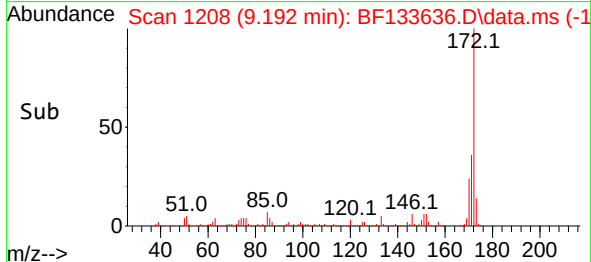
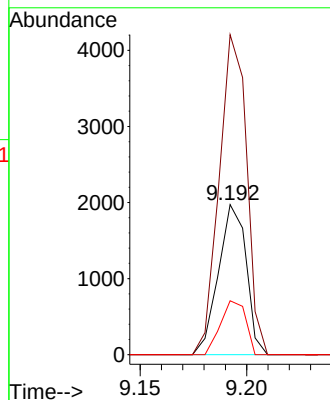
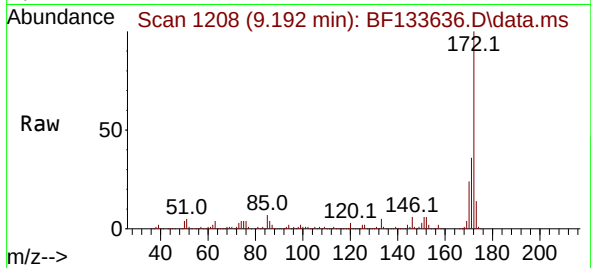




#48
2-Nitroaniline
Concen: 4.293 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.229 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

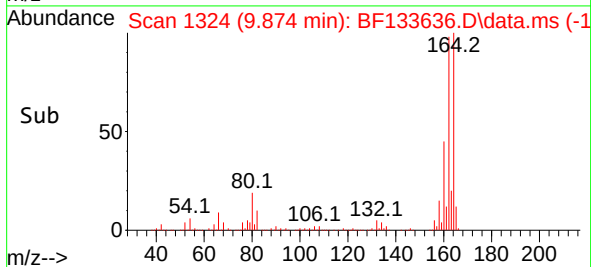
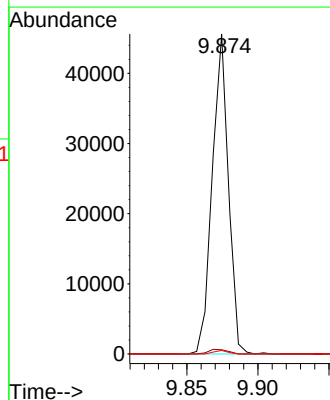
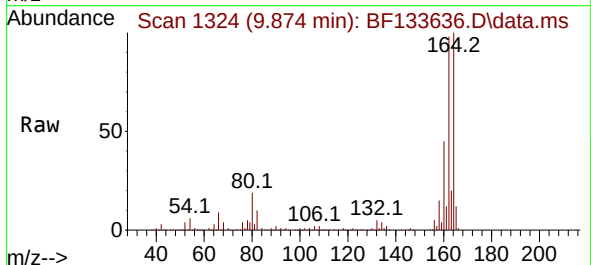
Instrument :
BNA_F
ClientSampleId :
DUP04

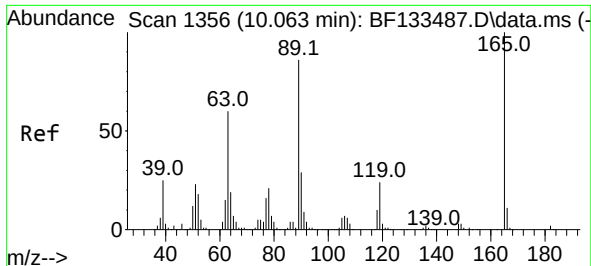
Tgt Ion: 65 Resp: 1793
Ion Ratio Lower Upper
65 100
92 213.2 50.8 76.2#
138 35.9 82.6 124.0#



#51
2,6-Dinitrotoluene
Concen: 12.358 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

Tgt Ion: 165 Resp: 36113
Ion Ratio Lower Upper
165 100
63 1.3 57.0 85.4#
89 1.1 50.8 76.2#

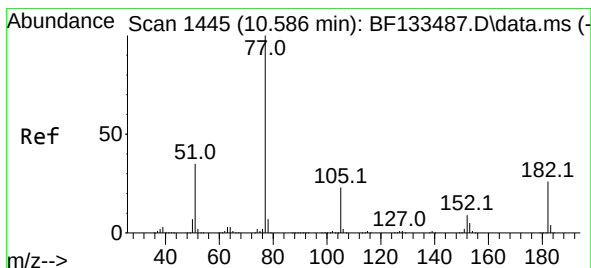
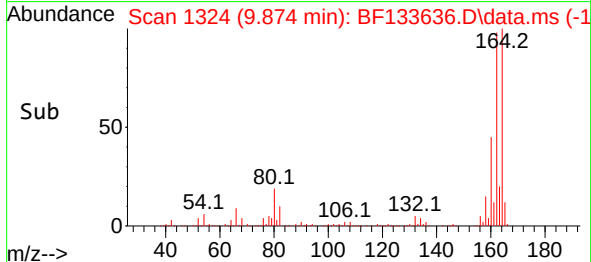
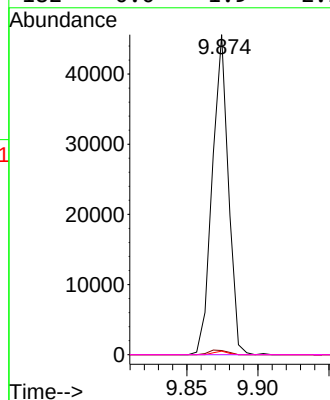
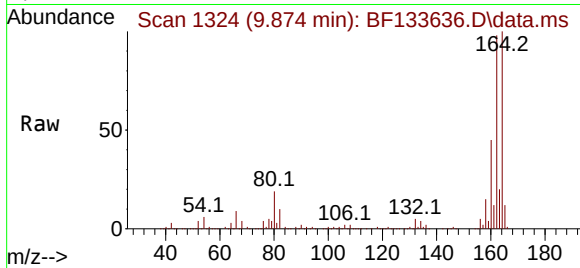




#57
2,4-Dinitrotoluene
Concen: 11.568 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

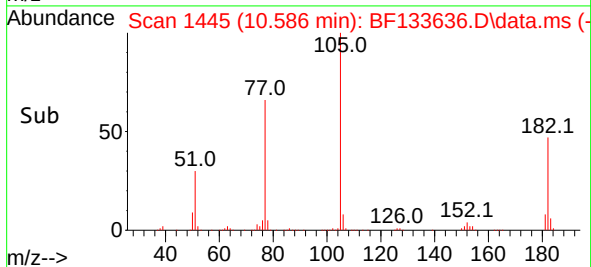
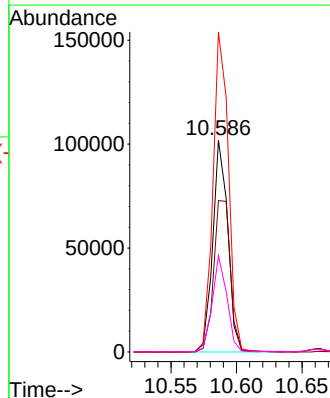
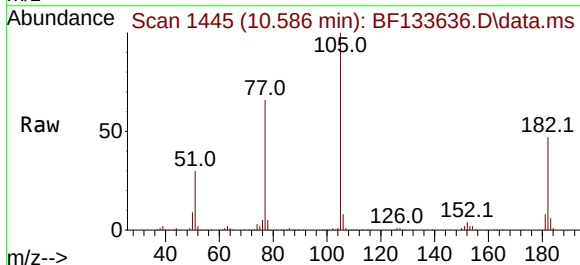
Instrument :
BNA_F
ClientSampleId :
DUP04

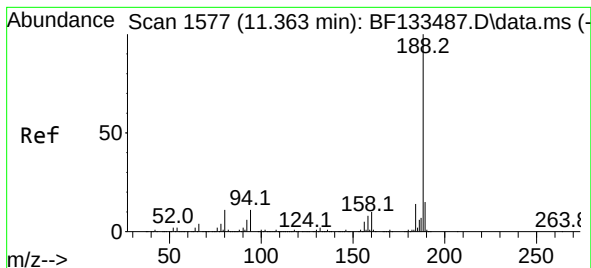
Tgt Ion:165 Resp: 36113
Ion Ratio Lower Upper
165 100
63 1.3 48.1 72.1#
89 1.1 68.4 102.6#
182 0.0 1.9 2.9#



#63
Azobenzene
Concen: 3.875 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

Tgt Ion: 77 Resp: 81403
Ion Ratio Lower Upper
77 100
182 71.4 5.6 45.6#
105 151.0 2.6 42.6#
51 45.5 14.7 54.7

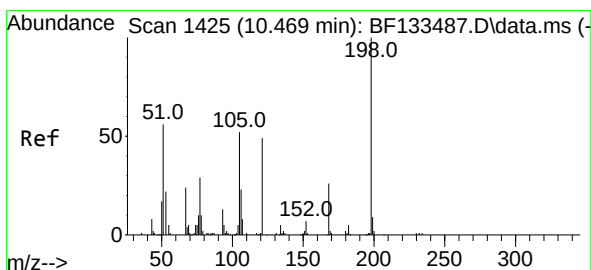
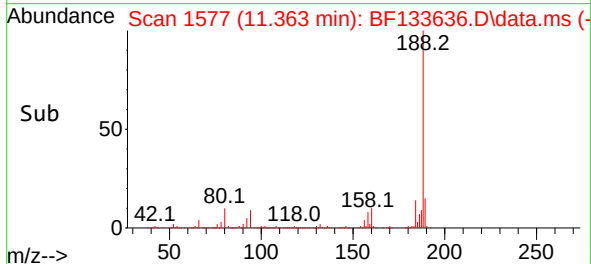
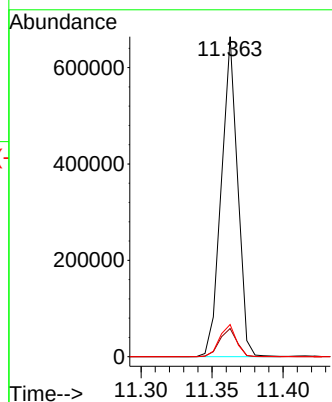
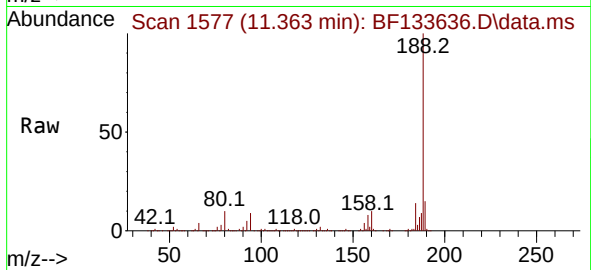




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

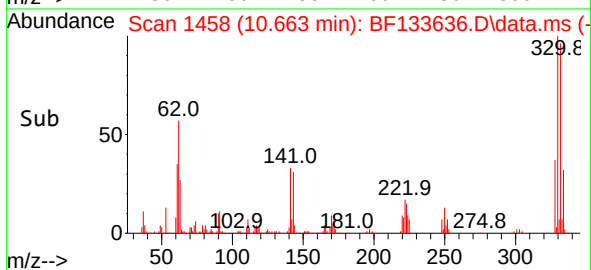
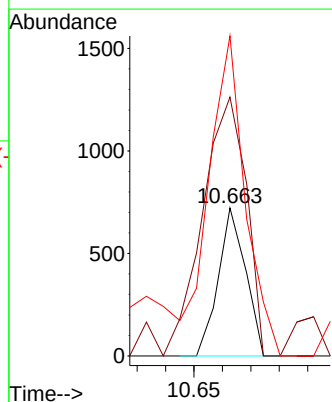
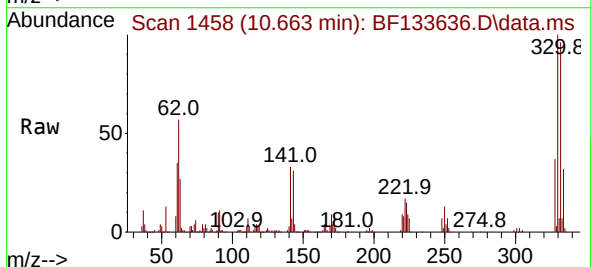
Instrument :
BNA_F
ClientSampleId :
DUP04

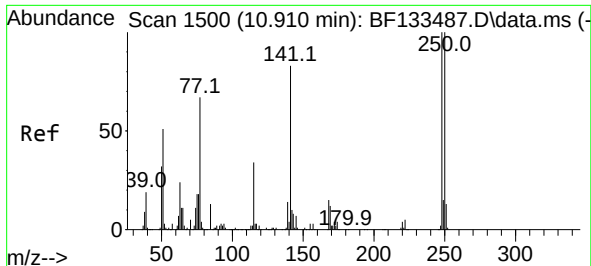
Tgt Ion:188 Resp: 530351
Ion Ratio Lower Upper
188 100
94 8.8 8.6 12.8
80 10.1 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 8.893 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.182 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

Tgt Ion:198 Resp: 480
Ion Ratio Lower Upper
198 100
51 174.9 53.6 93.6#
105 216.2 35.9 75.9#

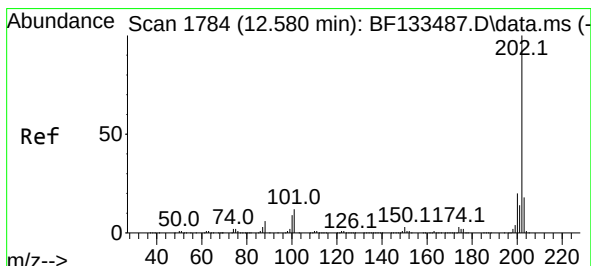
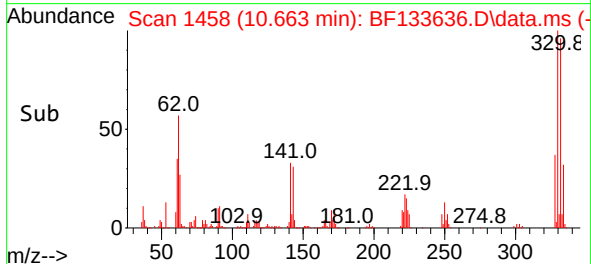
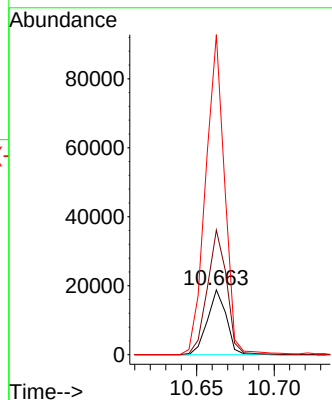
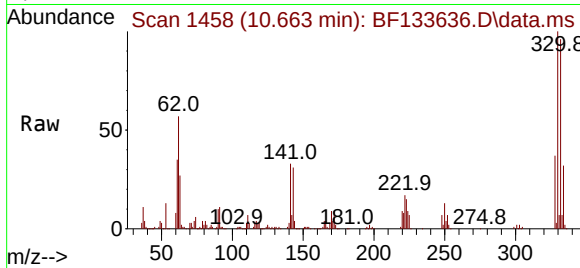




#67
4-Bromophenyl-phenylether
Concen: 2.830 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

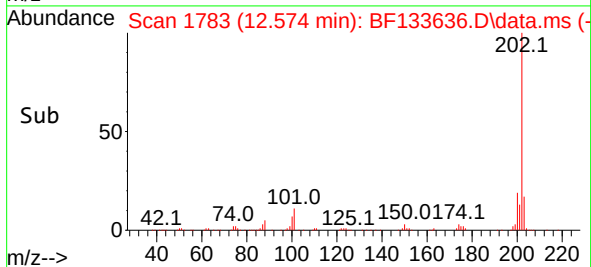
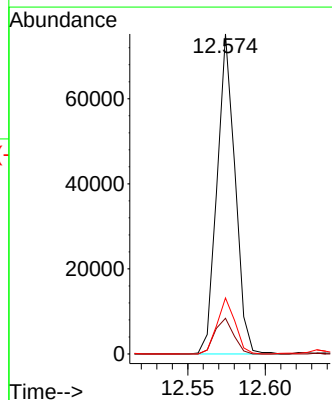
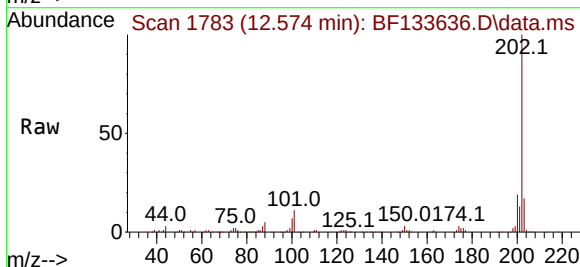
Instrument :
BNA_F
ClientSampleId :
DUP04

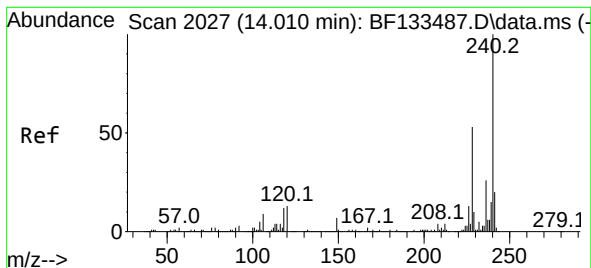
Tgt Ion:248 Resp: 15938
Ion Ratio Lower Upper
248 100
250 192.3 79.7 119.5#
141 494.0 66.6 100.0#



#75
Fluoranthene
Concen: 2.051 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.012 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

Tgt Ion:202 Resp: 60844
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.2
203 17.5 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF133636.D

Acq: 08 Jun 2023 11:56

Instrument :

BNA_F

ClientSampleId :

DUP04

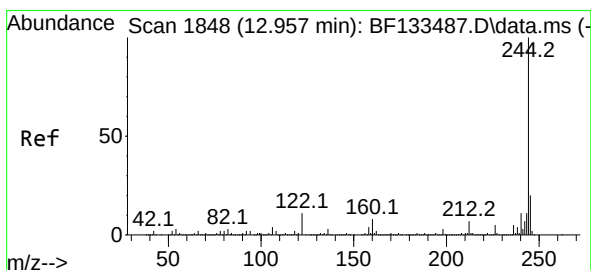
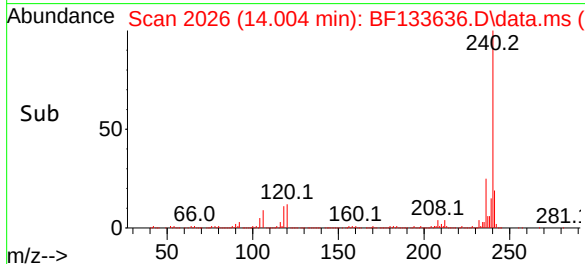
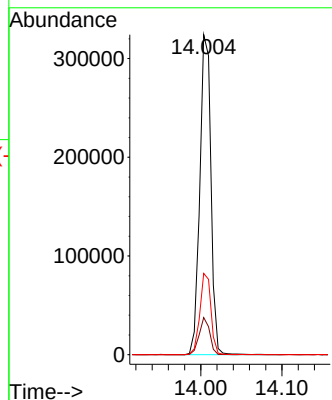
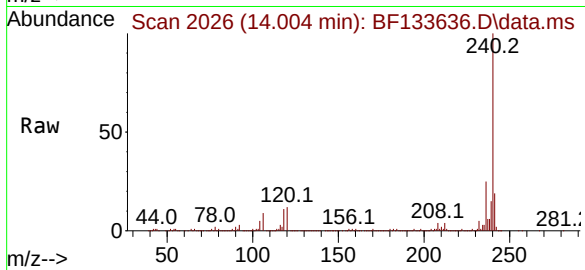
Tgt Ion:240 Resp: 308959

Ion Ratio Lower Upper

240 100

120 11.6 10.3 15.5

236 25.4 20.5 30.7



#79

Terphenyl-d14

Concen: 57.477 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF133636.D

Acq: 08 Jun 2023 11:56

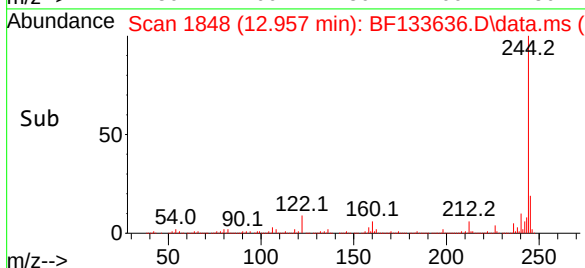
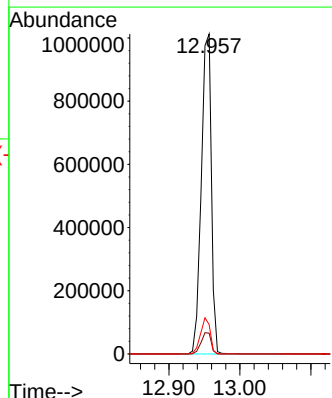
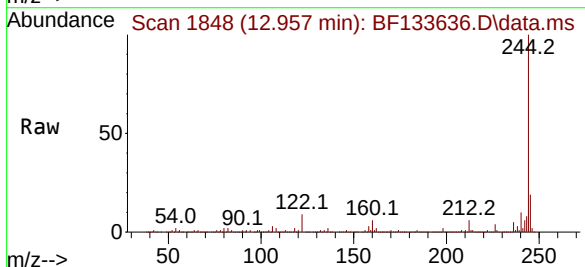
Tgt Ion:244 Resp: 998765

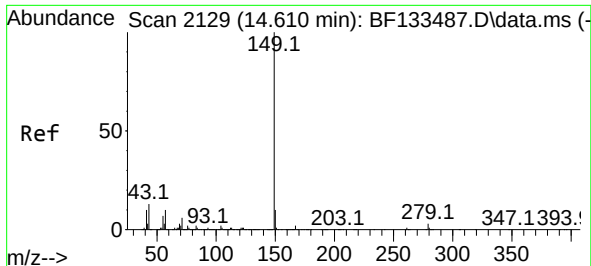
Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

122 9.2 8.5 12.7

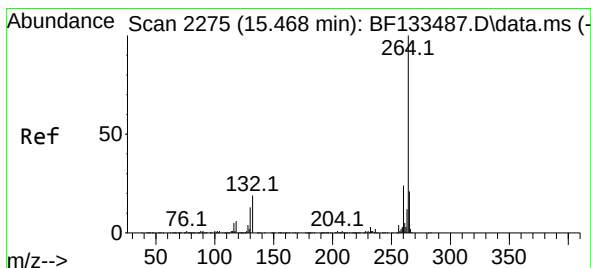
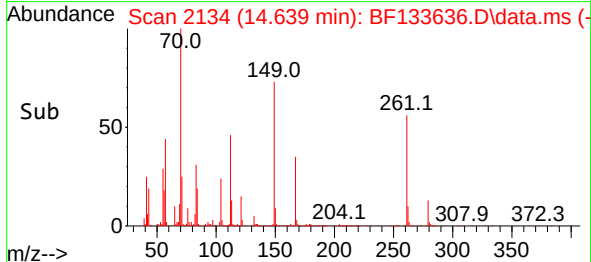
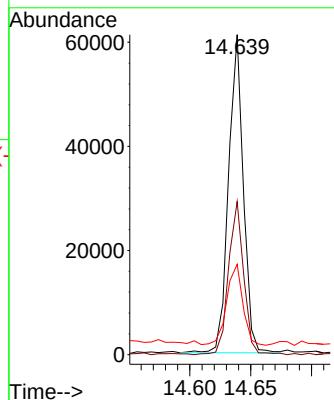
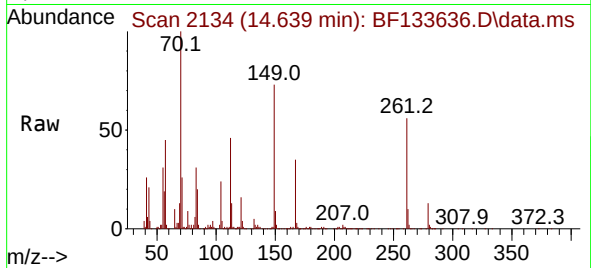




#85
Di-n-octyl phthalate
Concen: 2.387 ng
RT: 14.639 min Scan# 2134
Delta R.T. 0.029 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

Instrument :
BNA_F
ClientSampleId :
DUP04

Tgt Ion:149 Resp: 51709
Ion Ratio Lower Upper
149 100
167 49.3 1.3 1.9#
43 27.7 10.0 15.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.012 min
Lab File: BF133636.D
Acq: 08 Jun 2023 11:56

Tgt Ion:264 Resp: 304849
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 21.6 16.8 25.2

