

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133794.D
 Acq On : 16 Jun 2023 01:36
 Operator : CG\JU
 Sample : 03235-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PLEASANT

Quant Time: Jun 16 03:03:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

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

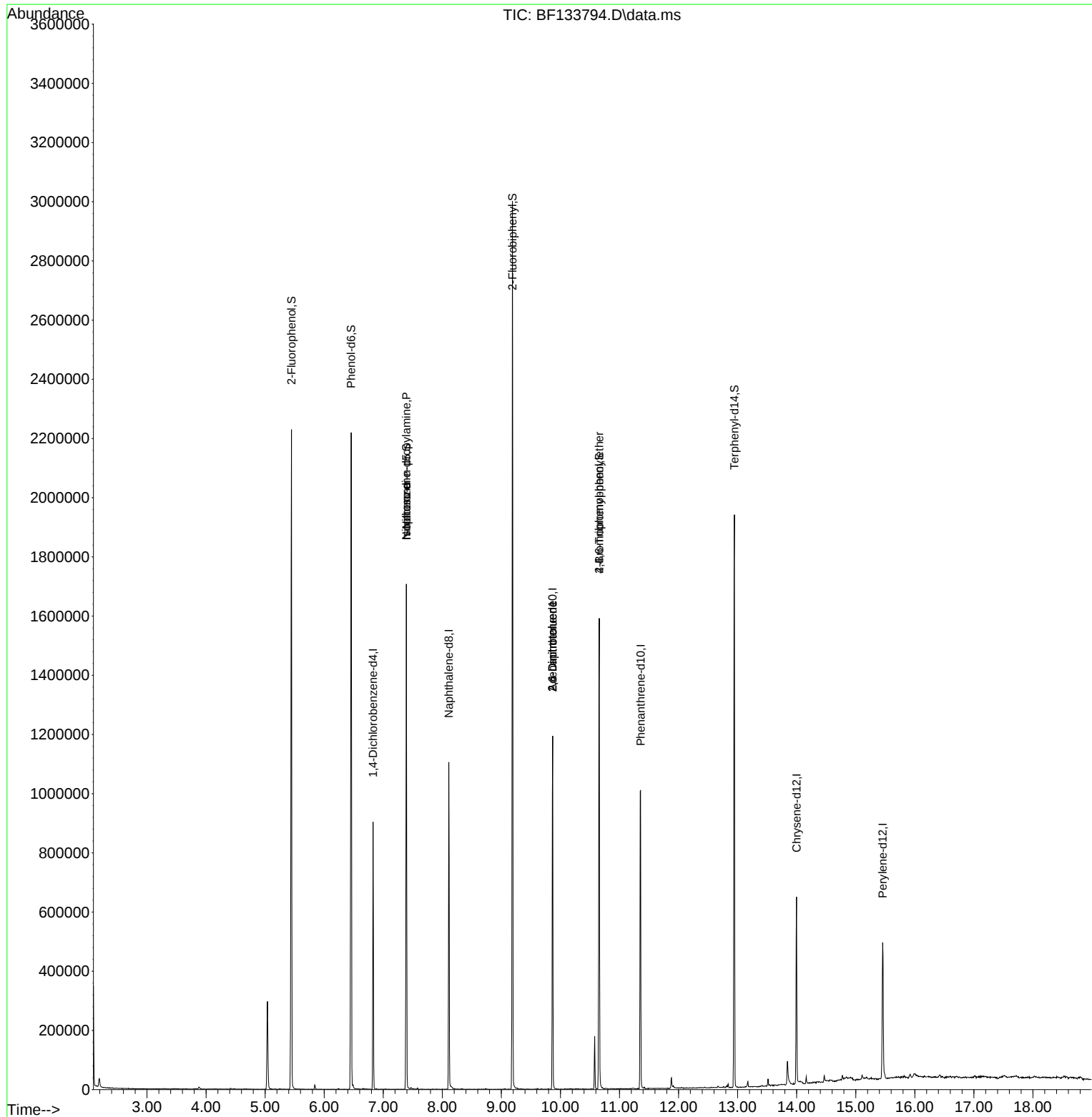
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	115168	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	450489	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	227744	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	401996	20.000	ng	0.00
76) Chrysene-d12	13.998	240	205749	20.000	ng	0.00
86) Perylene-d12	15.457	264	225710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	548555	82.921	ng	0.00
7) Phenol-d6	6.457	99	686425	79.714	ng	0.00
23) Nitrobenzene-d5	7.392	82	453575	54.840	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	185551	64.364	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	846308	52.824	ng	0.00
79) Terphenyl-d14	12.945	244	666670	50.137	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.392	70	62932	11.487	ng	# 76
25) Isophorone	7.392	82	453565	29.870	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	28413	8.098	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	28413	6.367	ng	# 19
67) 4-Bromophenyl-phenylether	10.657	248	11264	2.510	ng	# 1

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

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Quant Time: Jun 16 03:03:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 15:12:57 2023
Response via : Initial Calibration

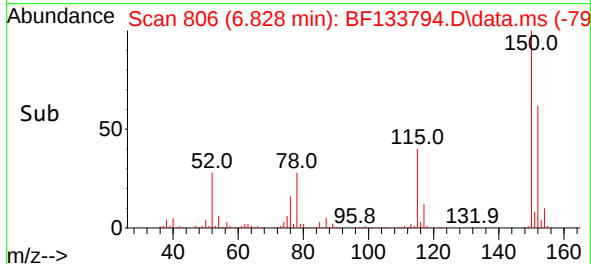
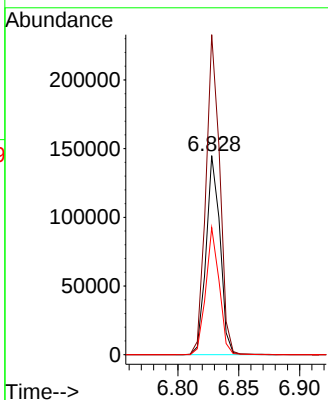
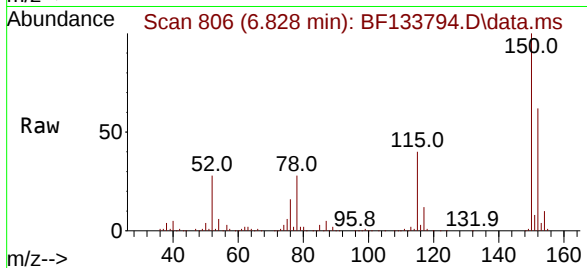




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133794.D
Acq: 16 Jun 2023 01:36

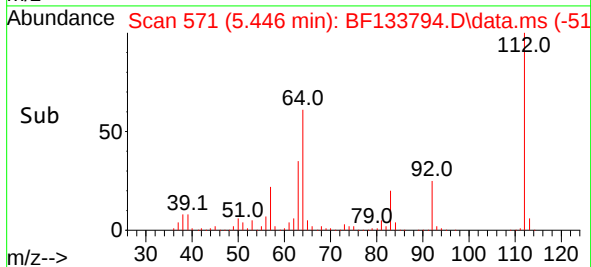
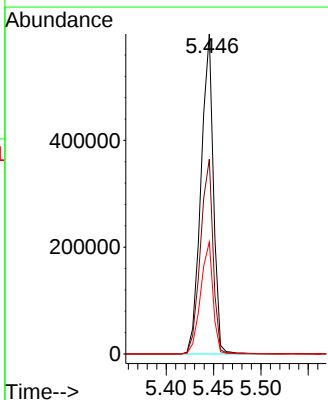
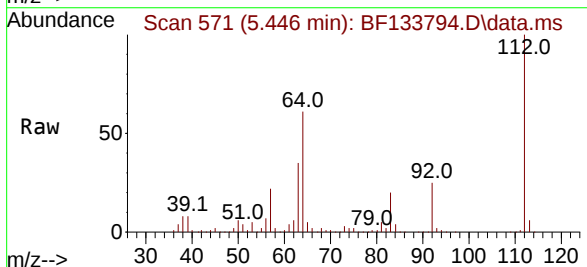
Instrument :
BNA_F
ClientSampleId :
B-PLEASANT

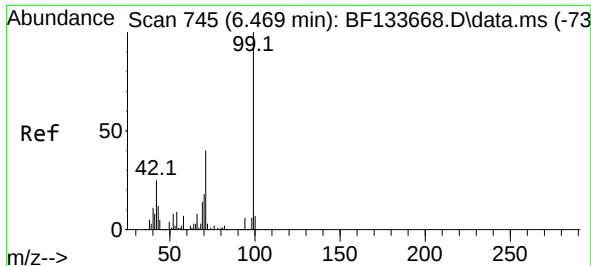
Tgt Ion:152 Resp: 115168
Ion Ratio Lower Upper
152 100
150 160.8 124.3 186.5
115 63.9 48.5 72.7



#5
2-Fluorophenol
Concen: 82.921 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF133794.D
Acq: 16 Jun 2023 01:36

Tgt Ion:112 Resp: 548555
Ion Ratio Lower Upper
112 100
64 60.9 49.0 73.4
63 35.0 26.8 40.2

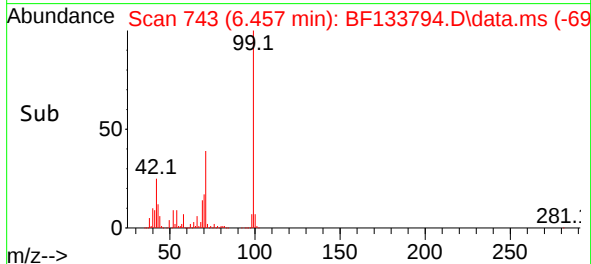
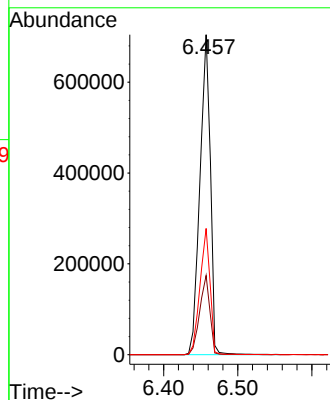
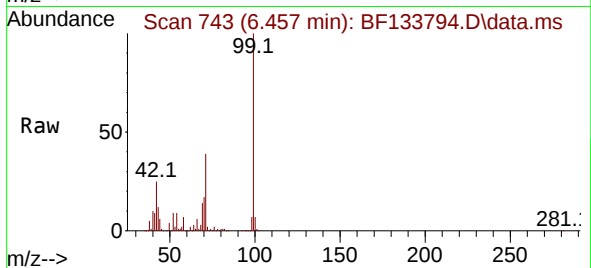




#7
Phenol-d6
Concen: 79.714 ng
RT: 6.457 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133794.D
Acq: 16 Jun 2023 01:36

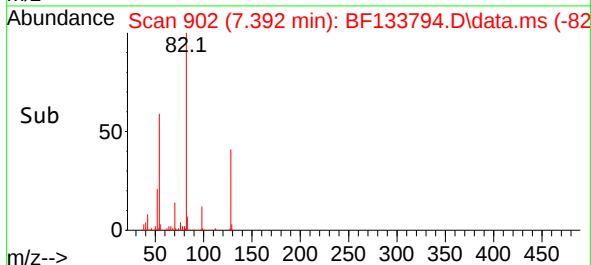
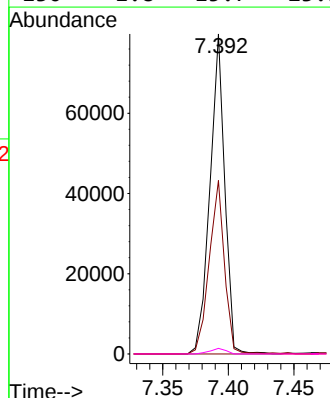
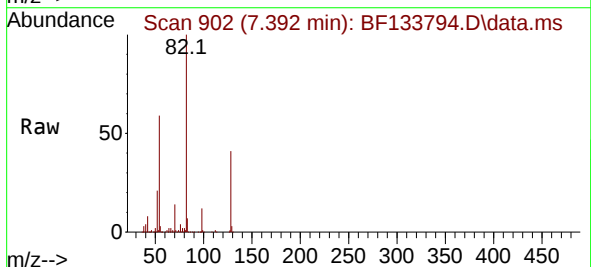
Instrument :
BNA_F
ClientSampleId :
B-PLEASANT

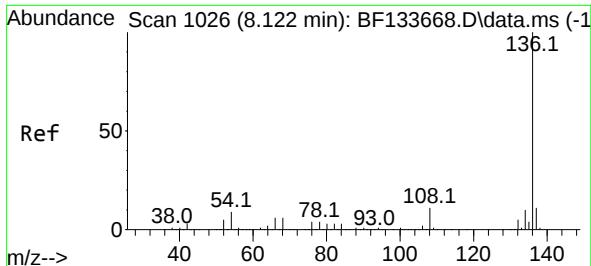
Tgt Ion: 99 Resp: 686425
Ion Ratio Lower Upper
99 100
42 24.7 19.9 29.9
71 39.4 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.487 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.147 min
Lab File: BF133794.D
Acq: 16 Jun 2023 01:36

Tgt Ion: 70 Resp: 62932
Ion Ratio Lower Upper
70 100
42 54.2 55.8 83.8#
101 0.0 8.1 12.1#
130 1.8 15.7 23.5#

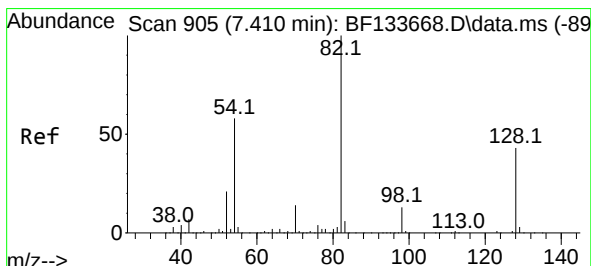
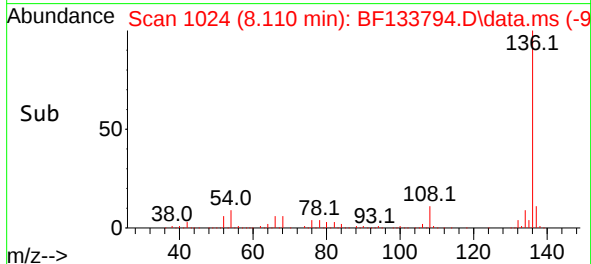
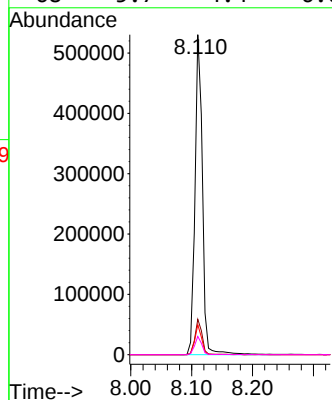
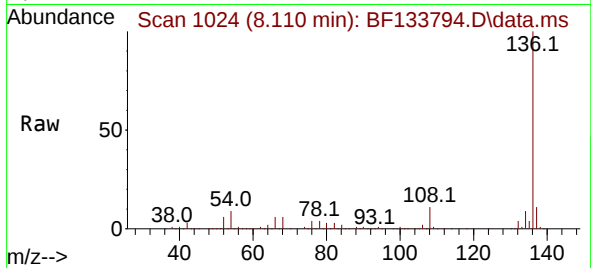




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133794.D
Acq: 16 Jun 2023 01:36

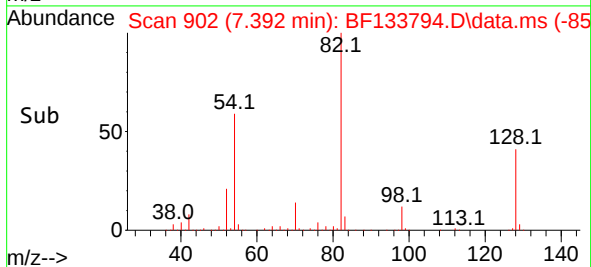
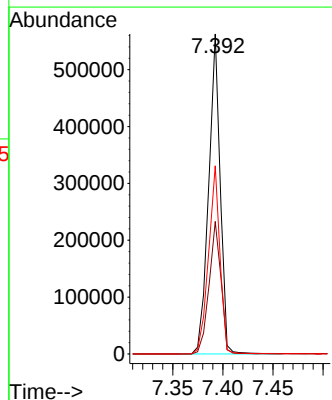
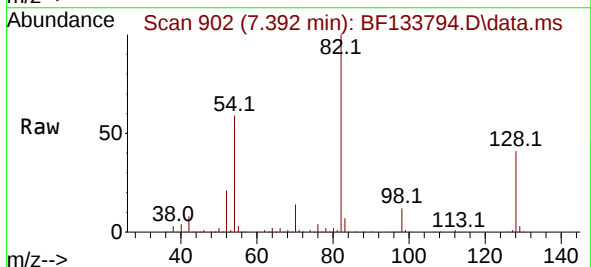
Instrument :
BNA_F
ClientSampleId :
B-PLEASANT

Tgt Ion:136 Resp: 450489
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.3 7.4 11.0
68 5.7 4.4 6.6



#23
Nitrobenzene-d5
Concen: 54.840 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF133794.D
Acq: 16 Jun 2023 01:36

Tgt Ion: 82 Resp: 453575
Ion Ratio Lower Upper
82 100
128 41.4 34.2 51.2
54 58.8 46.5 69.7

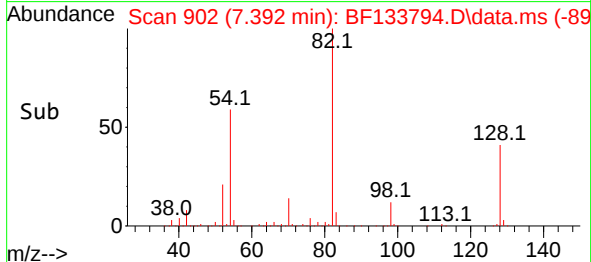
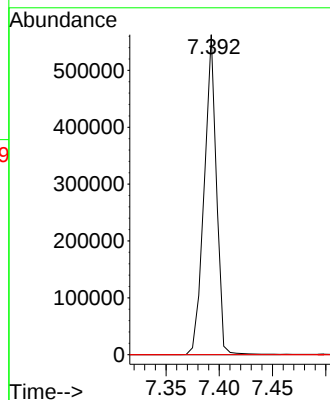
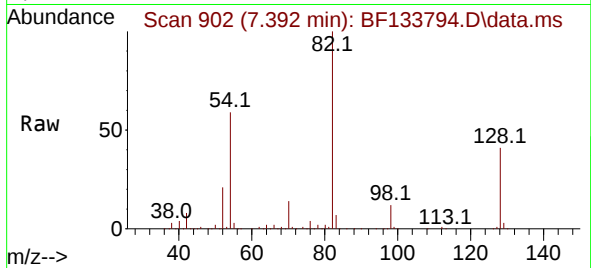




#25
Isophorone
Concen: 29.870 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133794.D
Acq: 16 Jun 2023 01:36

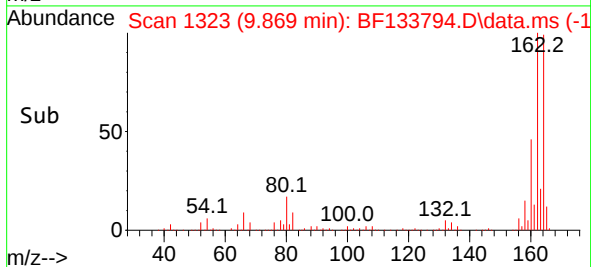
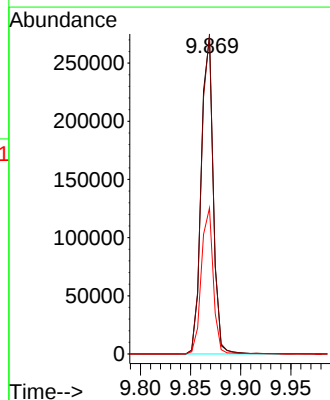
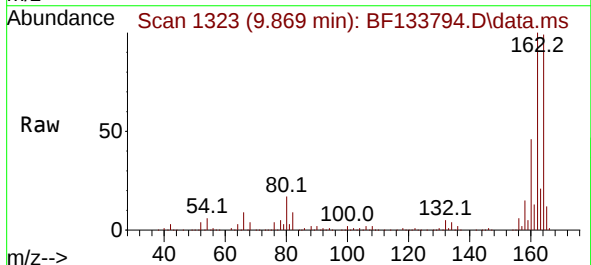
Instrument :
BNA_F
ClientSampleId :
B-PLEASANT

Tgt Ion: 82 Resp: 453565
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF133794.D
Acq: 16 Jun 2023 01:36

Tgt Ion:164 Resp: 227744
Ion Ratio Lower Upper
164 100
162 101.0 80.8 121.2
160 46.1 36.7 55.1

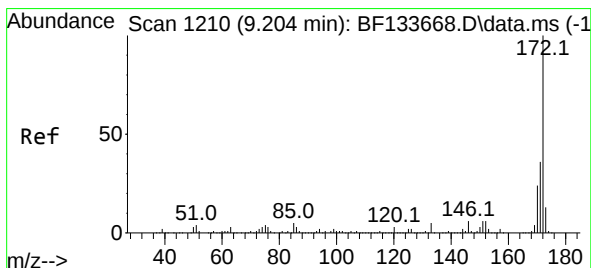
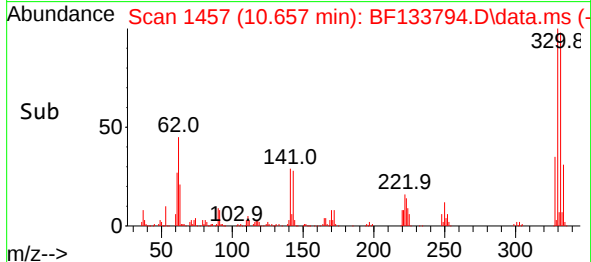
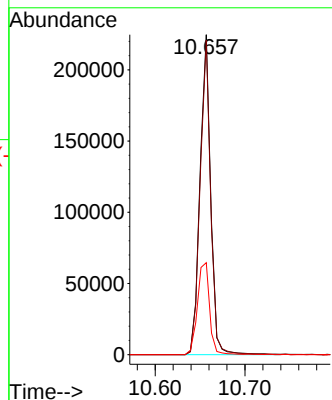
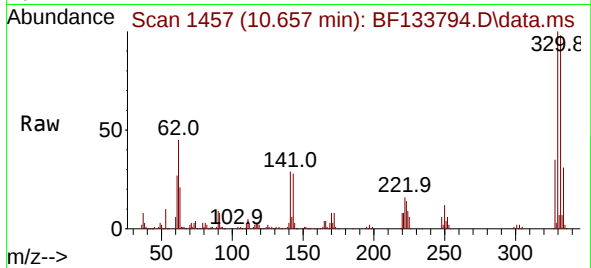




#42
2,4,6-Tribromophenol
Concen: 64.364 ng
RT: 10.657 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF133794.D
Acq: 16 Jun 2023 01:36

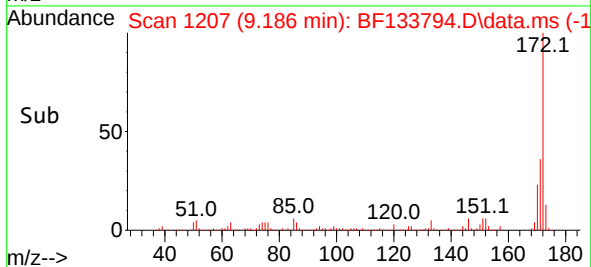
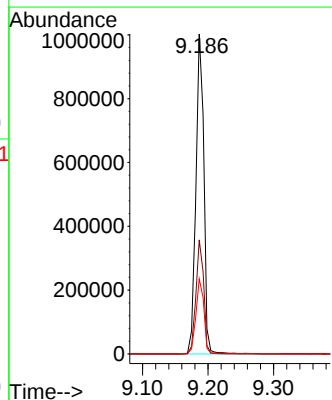
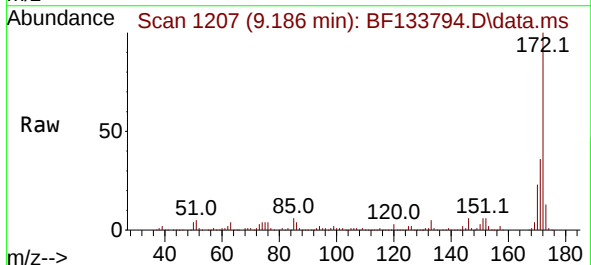
Instrument :
BNA_F
ClientSampleId :
B-PLEASANT

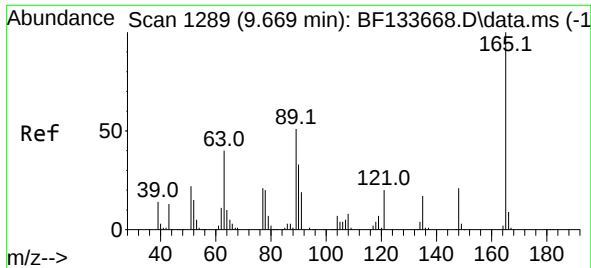
Tgt Ion:330 Resp: 185551
Ion Ratio Lower Upper
330 100
332 97.1 77.2 115.8
141 33.0 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 52.824 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF133794.D
Acq: 16 Jun 2023 01:36

Tgt Ion:172 Resp: 846308
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.5 19.1 28.7

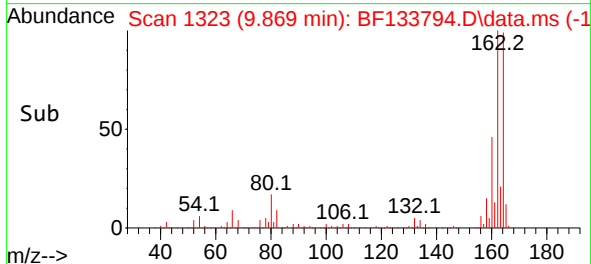
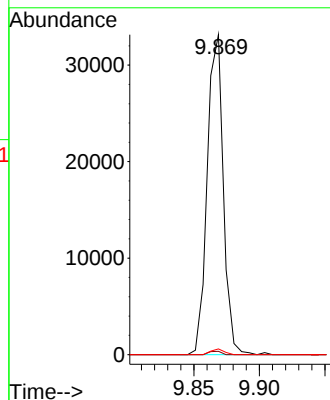
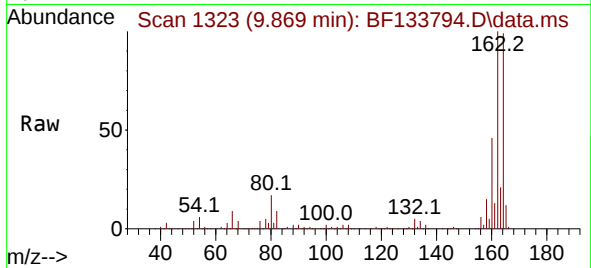




#51
2,6-Dinitrotoluene
Concen: 8.098 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133794.D
Acq: 16 Jun 2023 01:36

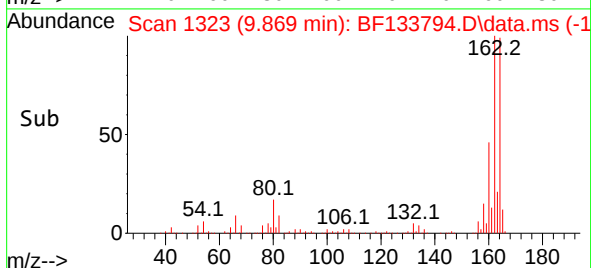
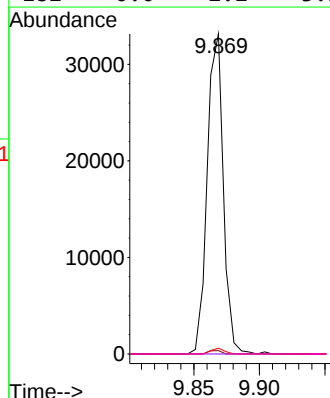
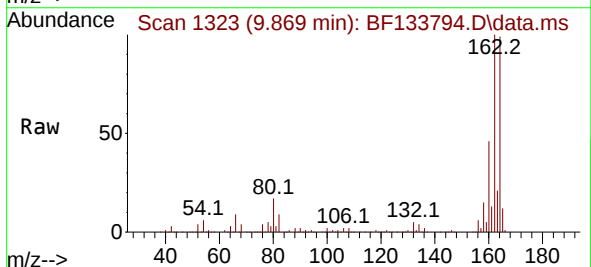
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BNA_F
ClientSampleId :
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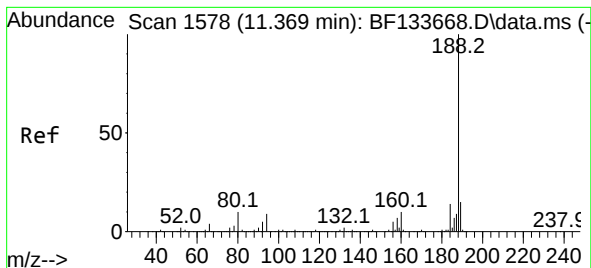
Tgt Ion:165 Resp: 28413
Ion Ratio Lower Upper
165 100
63 1.0 42.1 63.1#
89 1.8 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.367 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF133794.D
Acq: 16 Jun 2023 01:36

Tgt Ion:165 Resp: 28413
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.8 62.6 93.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133794.D

Acq: 16 Jun 2023 01:36

Instrument :

BNA_F

ClientSampleId :

B-PLEASANT

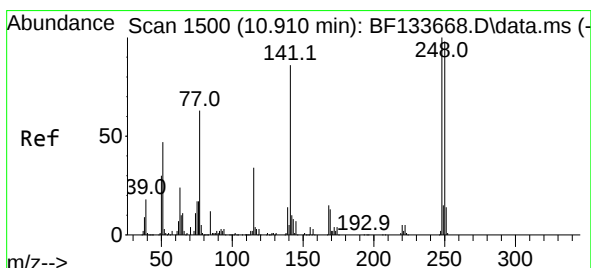
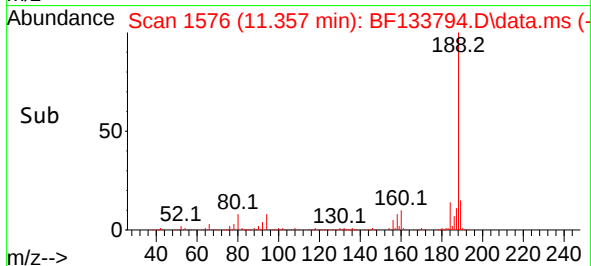
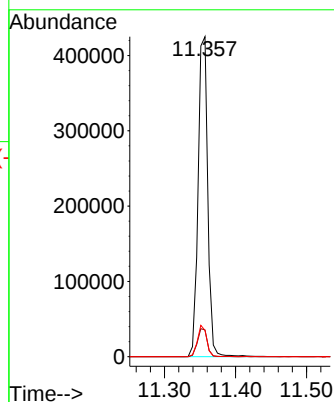
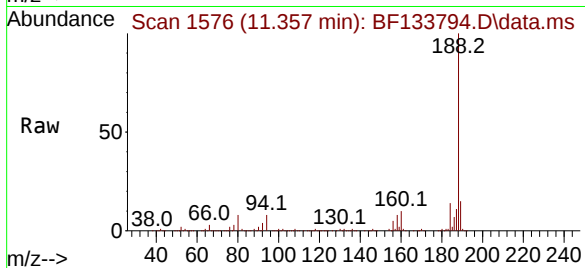
Tgt Ion:188 Resp: 401996

Ion Ratio Lower Upper

188 100

94 8.4 6.8 10.2

80 8.2 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 2.510 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF133794.D

Acq: 16 Jun 2023 01:36

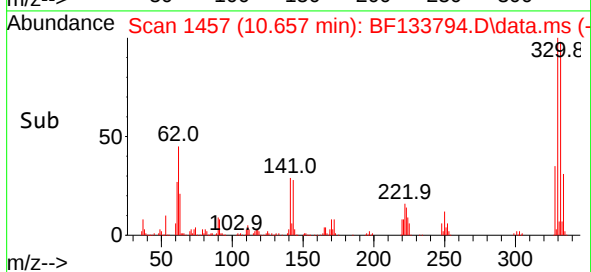
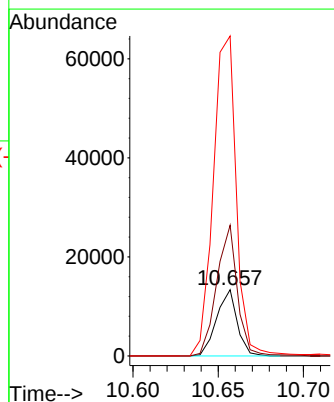
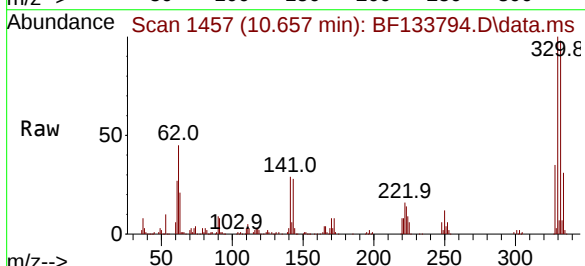
Tgt Ion:248 Resp: 11264

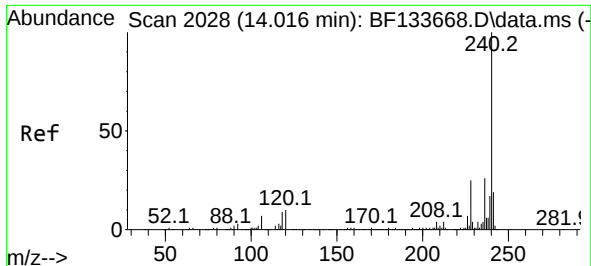
Ion Ratio Lower Upper

248 100

250 197.1 78.3 117.5#

141 482.5 69.0 103.6#

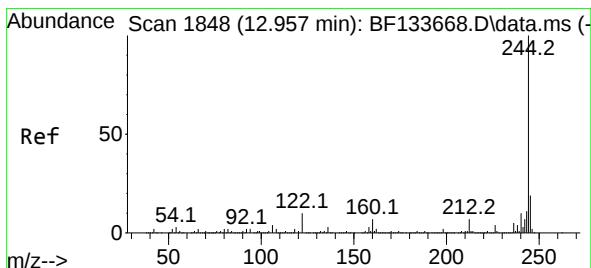
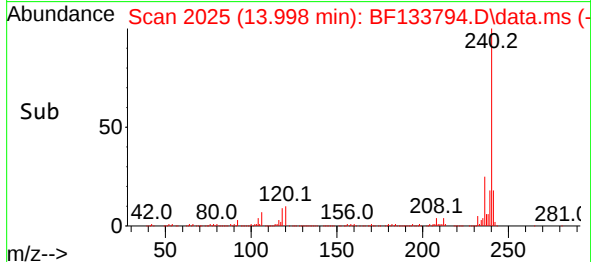
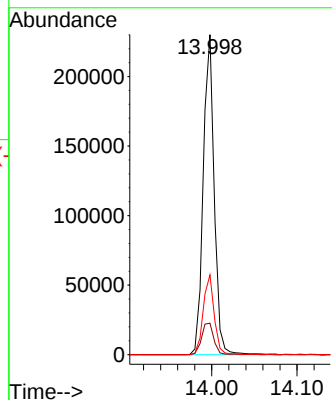
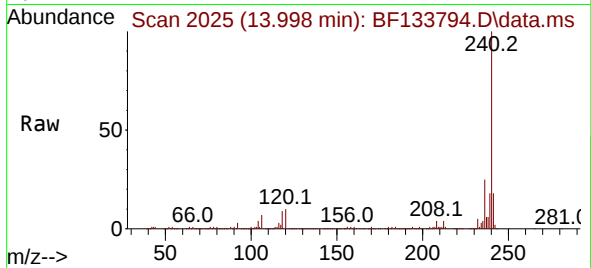




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF133794.D
Acq: 16 Jun 2023 01:36

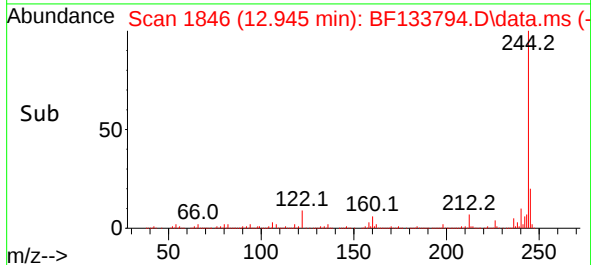
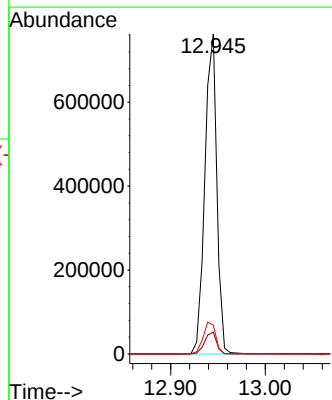
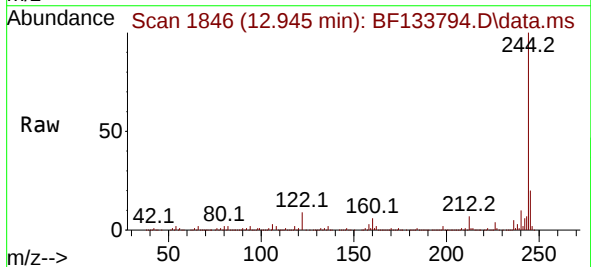
Instrument :
BNA_F
ClientSampleId :
B-PLEASANT

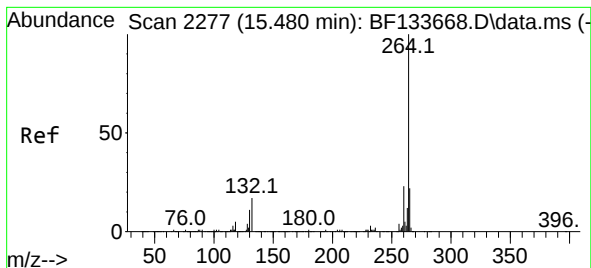
Tgt Ion:240 Resp: 205749
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 25.0 20.5 30.7



#79
Terphenyl-d14
Concen: 50.137 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BF133794.D
Acq: 16 Jun 2023 01:36

Tgt Ion:244 Resp: 666670
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 9.0 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133794.D
Acq: 16 Jun 2023 01:36

Instrument :
BNA_F
ClientSampleId :
B-PLEASANT

Tgt Ion:264 Resp: 225710

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	21.8	17.8	26.6

