

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133791.D
 Acq On : 16 Jun 2023 00:01
 Operator : CG\JU
 Sample : 03235-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-MANHOLE

Quant Time: Jun 16 03:02:28 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)

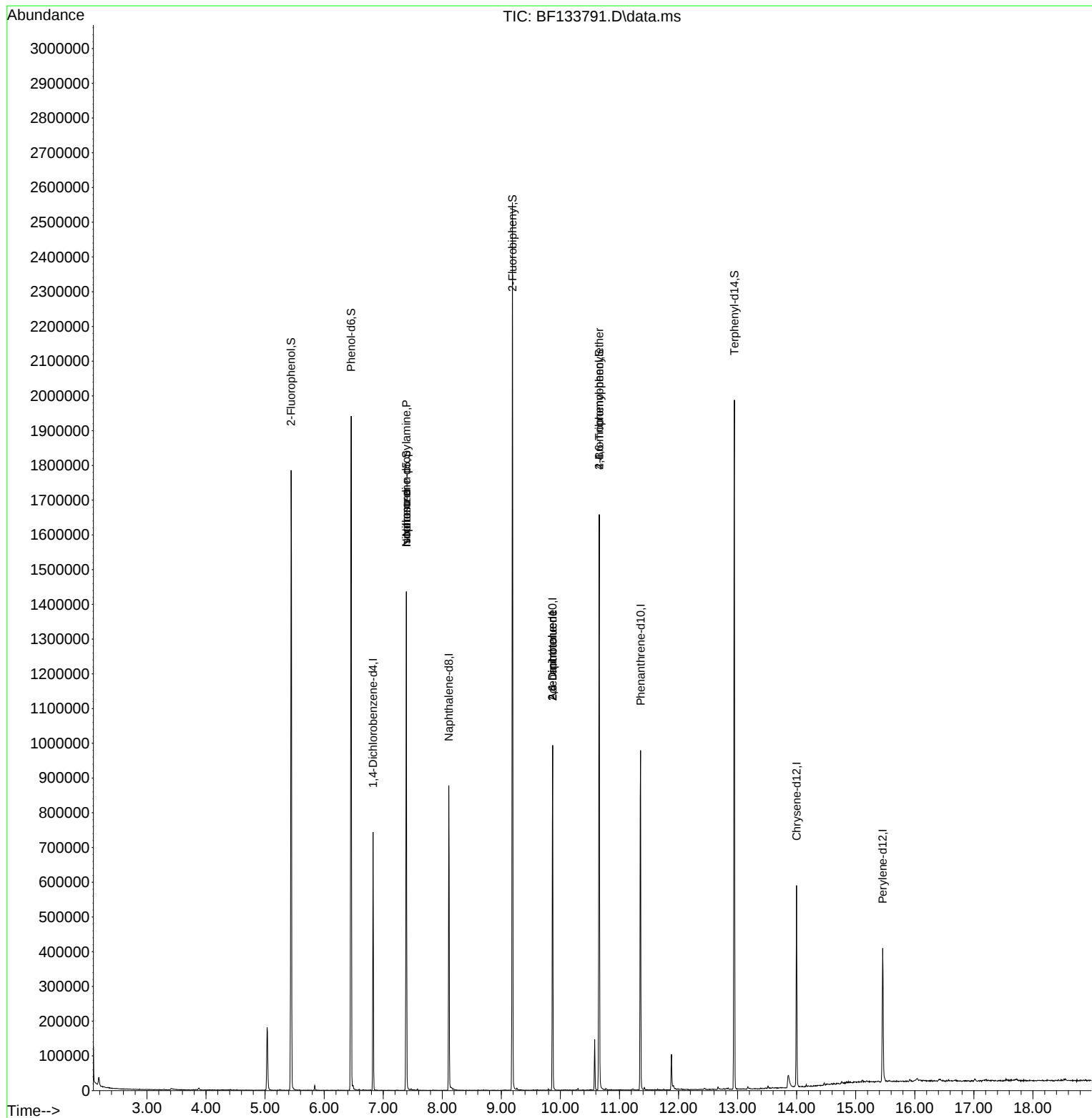
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	92351	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	359916	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	185683	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	355517	20.000	ng	0.00
76) Chrysene-d12	13.998	240	179267	20.000	ng	0.00
86) Perylene-d12	15.457	264	170104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	465333	87.719	ng	0.00
7) Phenol-d6	6.457	99	563292	81.577	ng	0.00
23) Nitrobenzene-d5	7.393	82	378355	57.257	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	183188	77.939	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	709331	54.304	ng	0.00
79) Terphenyl-d14	12.945	244	672816	58.074	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.393	70	52860	12.032	ng	# 78
25) Isophorone	7.393	82	378351	31.187	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	23642	8.264	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	23642	6.498	ng	# 19
67) 4-Bromophenyl-phenylether	10.657	248	11157	2.812	ng	# 1

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

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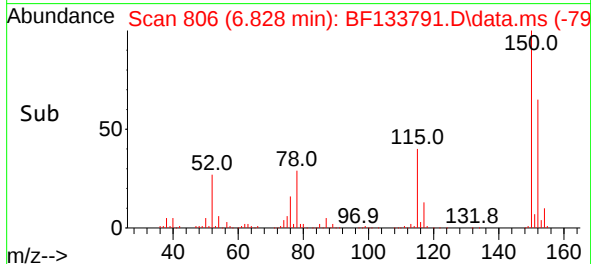
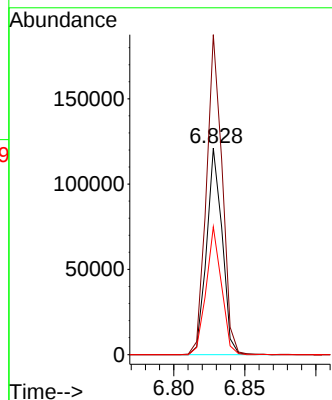
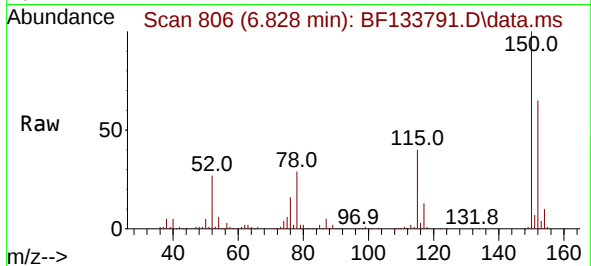




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133791.D
Acq: 16 Jun 2023 00:01

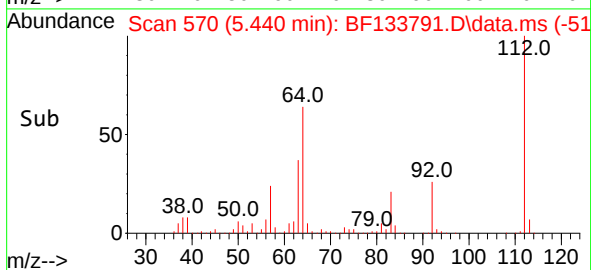
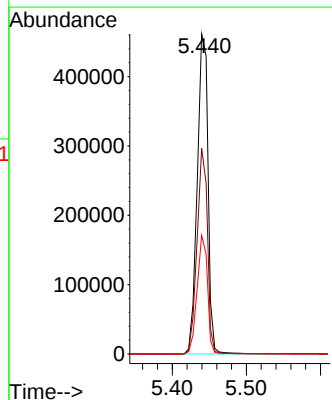
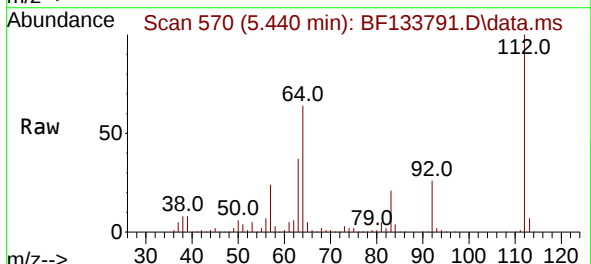
Instrument :
BNA_F
ClientSampleId :
A-MANHOLE

Tgt Ion:152 Resp: 92351
Ion Ratio Lower Upper
152 100
150 155.0 124.3 186.5
115 61.9 48.5 72.7



#5
2-Fluorophenol
Concen: 87.719 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF133791.D
Acq: 16 Jun 2023 00:01

Tgt Ion:112 Resp: 465333
Ion Ratio Lower Upper
112 100
64 64.3 49.0 73.4
63 37.1 26.8 40.2

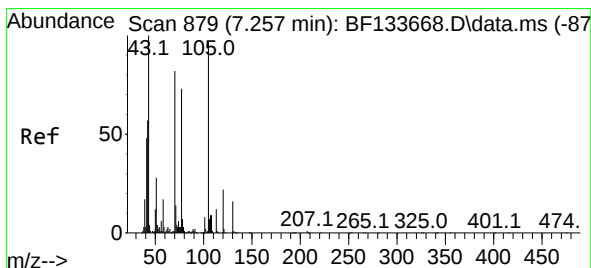
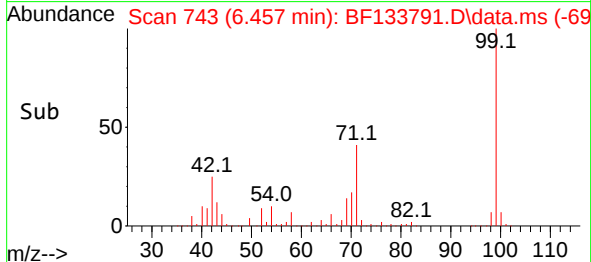
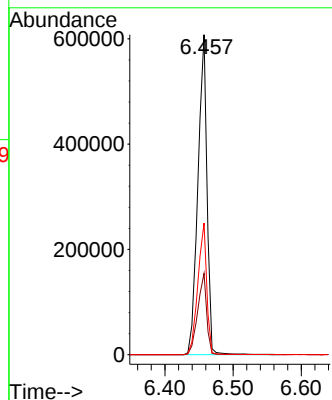
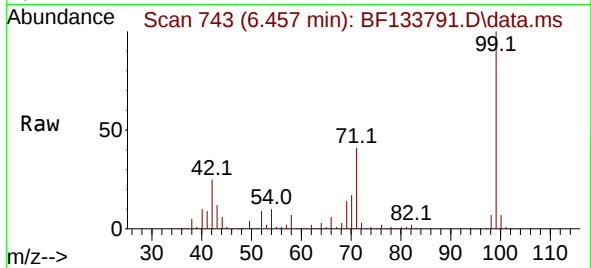




#7
Phenol-d6
Concen: 81.577 ng
RT: 6.457 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133791.D
Acq: 16 Jun 2023 00:01

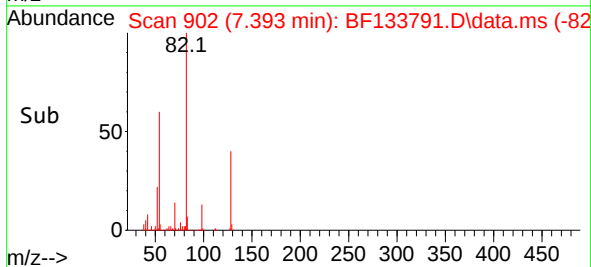
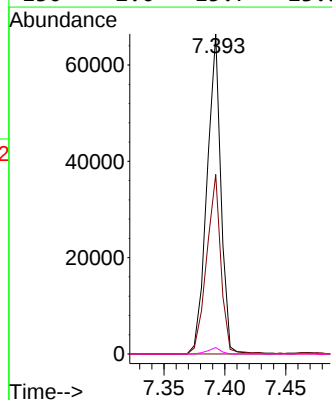
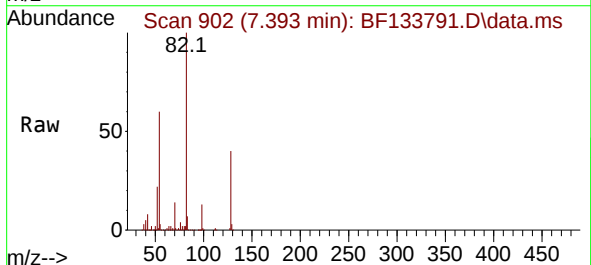
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BNA_F
ClientSampleId :
A-MANHOLE

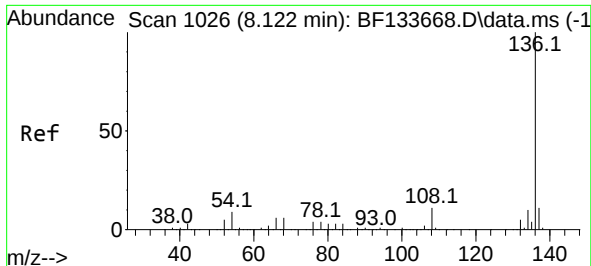
Tgt Ion: 99 Resp: 563292
Ion Ratio Lower Upper
99 100
42 25.4 19.9 29.9
71 41.2 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.032 ng
RT: 7.393 min Scan# 902
Delta R.T. 0.147 min
Lab File: BF133791.D
Acq: 16 Jun 2023 00:01

Tgt Ion: 70 Resp: 52860
Ion Ratio Lower Upper
70 100
42 56.1 55.8 83.8
101 0.0 8.1 12.1#
130 2.0 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: BF133791.D
Acq: 16 Jun 2023 00:01

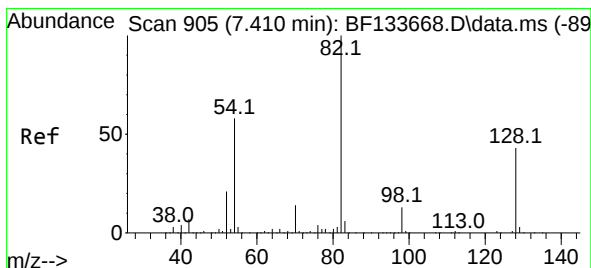
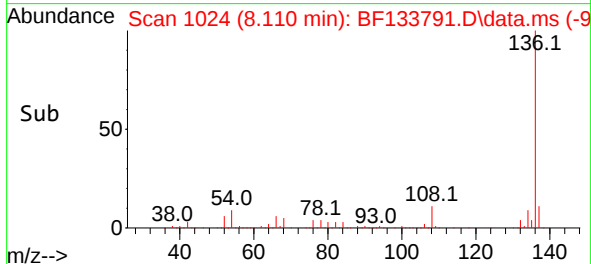
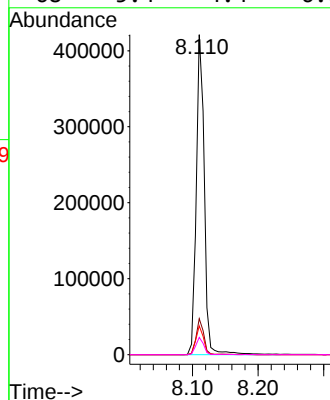
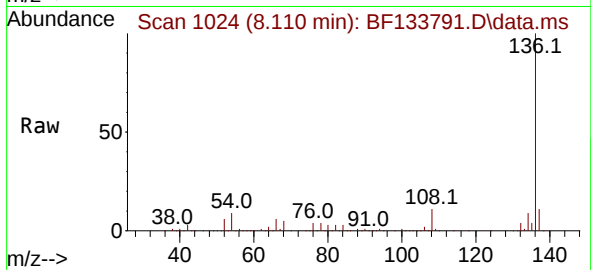
Instrument :

BNA_F

ClientSampleId :

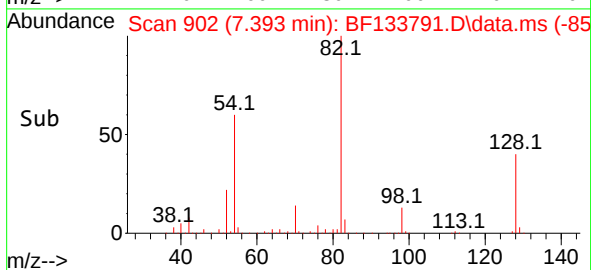
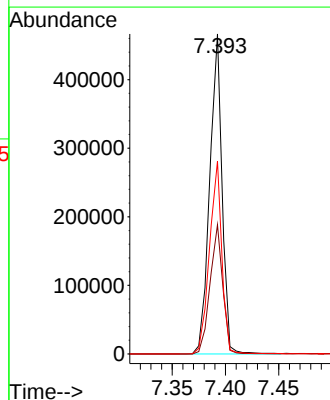
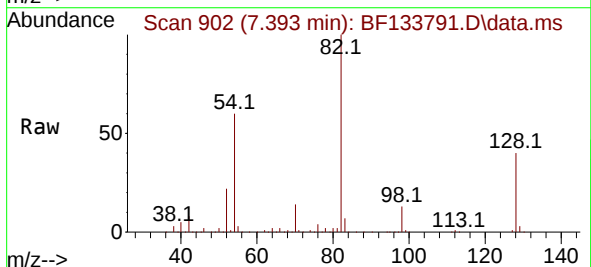
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Tgt Ion:136 Resp: 359916
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.0 7.4 11.0
68 5.4 4.4 6.6



#23
Nitrobenzene-d5
Concen: 57.257 ng
RT: 7.393 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF133791.D
Acq: 16 Jun 2023 00:01

Tgt Ion: 82 Resp: 378355
Ion Ratio Lower Upper
82 100
128 40.4 34.2 51.2
54 60.3 46.5 69.7

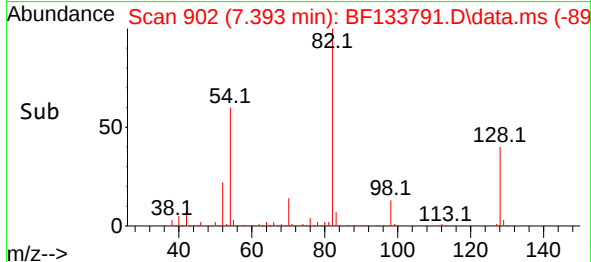
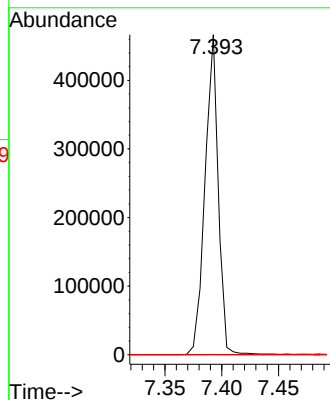
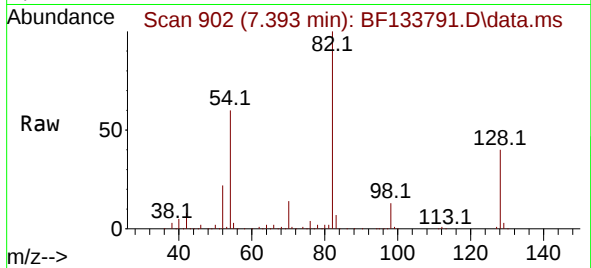




#25
Isophorone
Concen: 31.187 ng
RT: 7.393 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133791.D
Acq: 16 Jun 2023 00:01

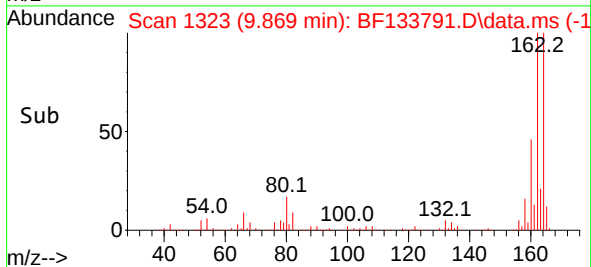
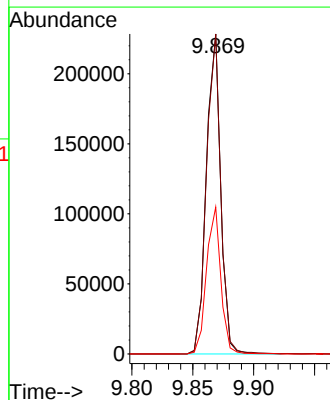
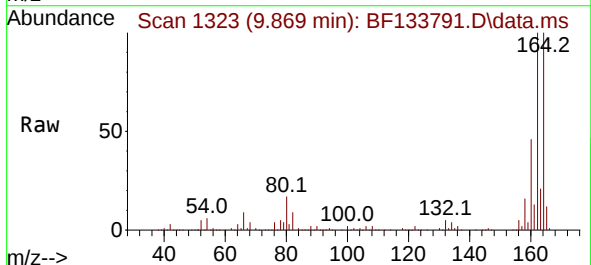
Instrument :
BNA_F
ClientSampleId :
A-MANHOLE

Tgt Ion: 82 Resp: 378351
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: BF133791.D
Acq: 16 Jun 2023 00:01

Tgt Ion:164 Resp: 185683
Ion Ratio Lower Upper
164 100
162 99.9 80.8 121.2
160 45.9 36.7 55.1

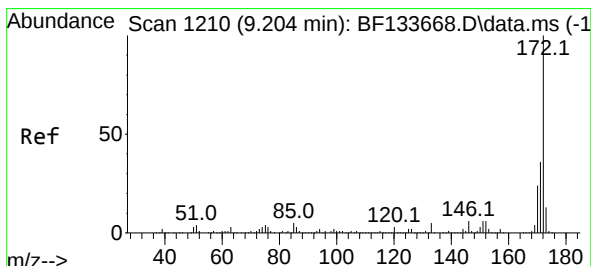
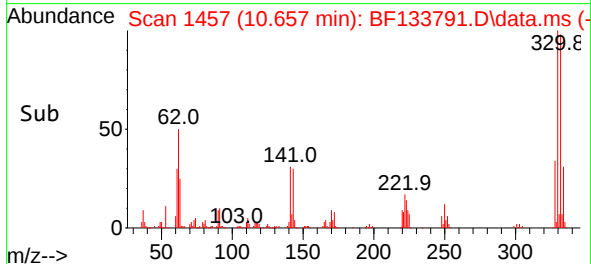
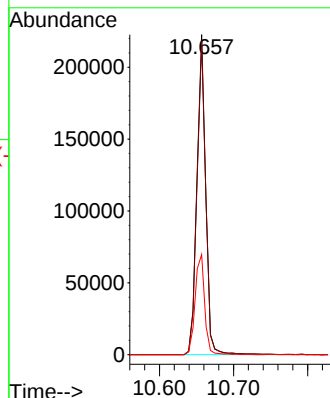
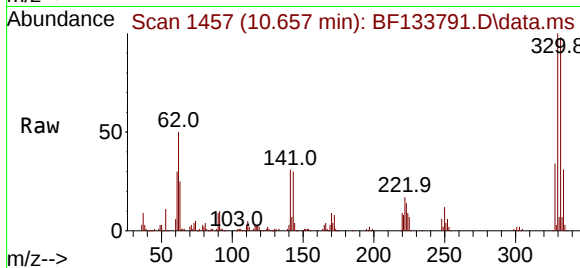




#42
 2,4,6-Tribromophenol
 Concen: 77.939 ng
 RT: 10.657 min Scan# 1457
 Delta R.T. -0.006 min
 Lab File: BF133791.D
 Acq: 16 Jun 2023 00:01

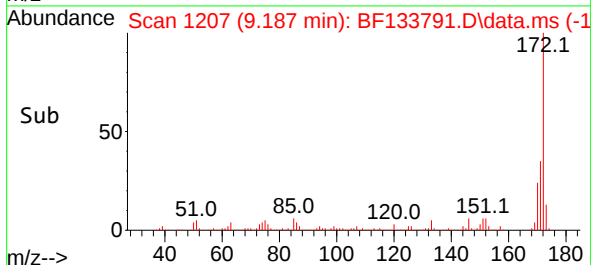
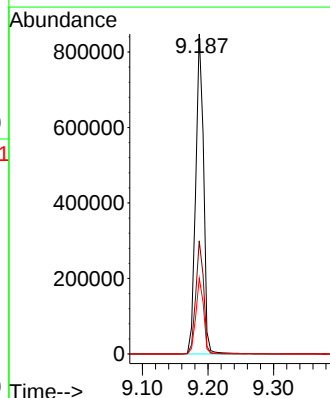
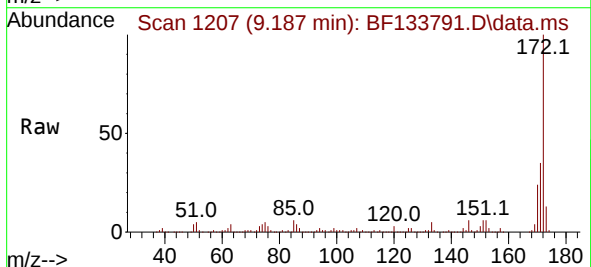
Instrument :
 BNA_F
 ClientSampleId :
 A-MANHOLE

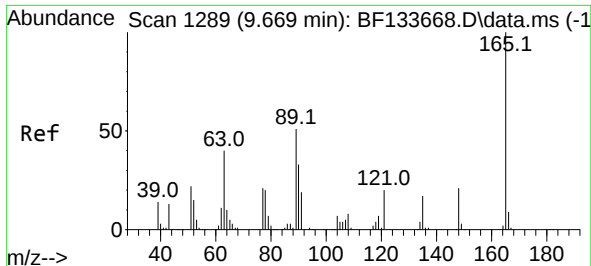
Tgt Ion:330 Resp: 183188
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.2 115.8
 141 34.2 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 54.304 ng
 RT: 9.187 min Scan# 1207
 Delta R.T. -0.006 min
 Lab File: BF133791.D
 Acq: 16 Jun 2023 00:01

Tgt Ion:172 Resp: 709331
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.7 19.1 28.7

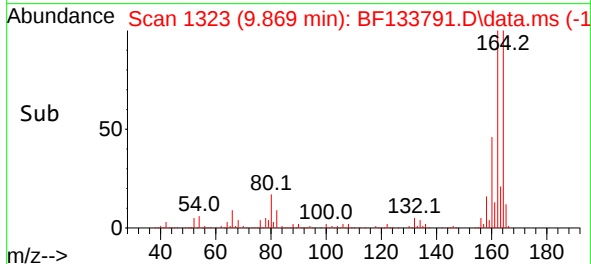
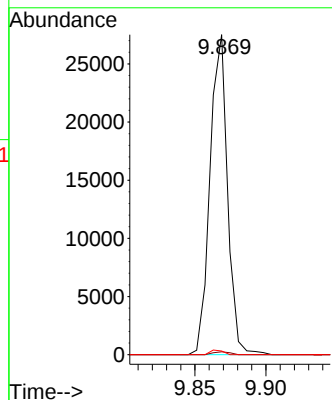
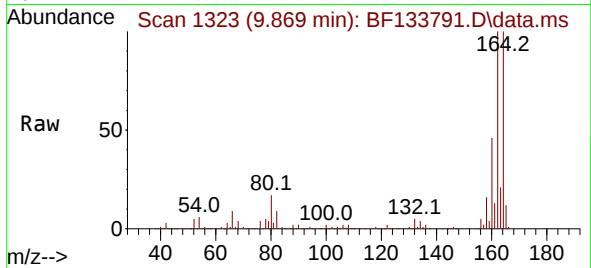




#51
2,6-Dinitrotoluene
Concen: 8.264 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133791.D
Acq: 16 Jun 2023 00:01

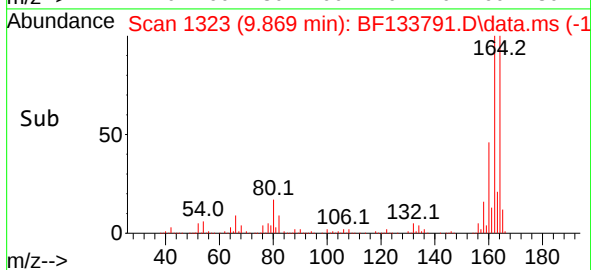
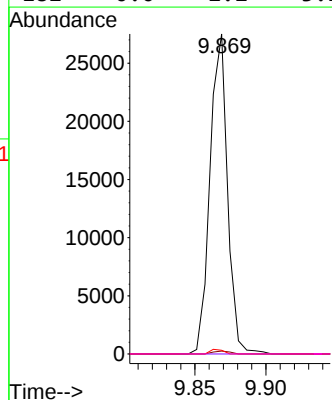
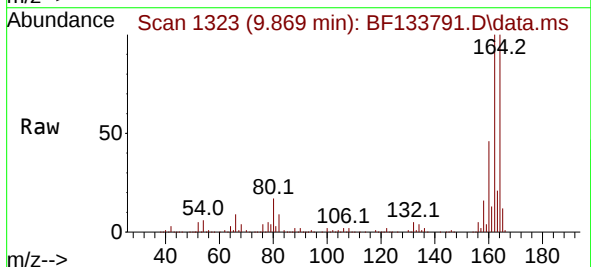
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ClientSampleId :
A-MANHOLE

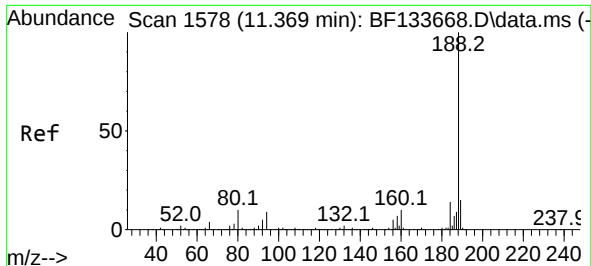
Tgt Ion:165 Resp: 23642
Ion Ratio Lower Upper
165 100
63 0.9 42.1 63.1#
89 1.1 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.498 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF133791.D
Acq: 16 Jun 2023 00:01

Tgt Ion:165 Resp: 23642
Ion Ratio Lower Upper
165 100
63 0.9 43.0 64.6#
89 1.1 62.6 93.8#
182 0.0 2.2 3.2#

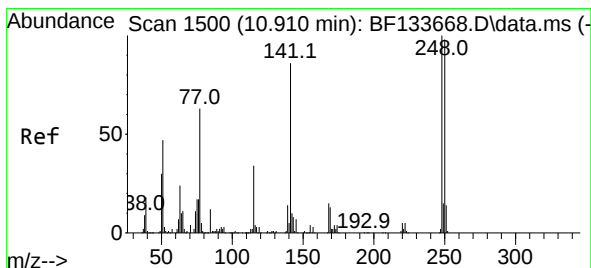
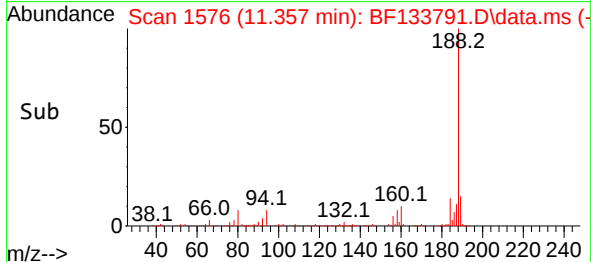
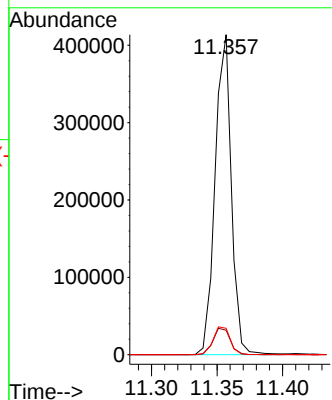
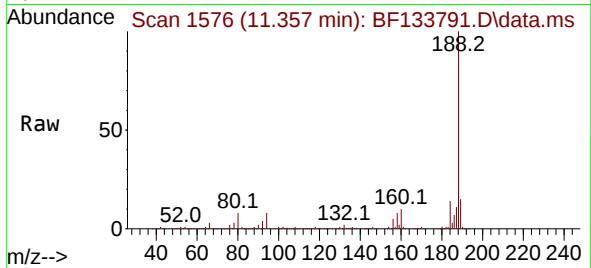




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133791.D
Acq: 16 Jun 2023 00:01

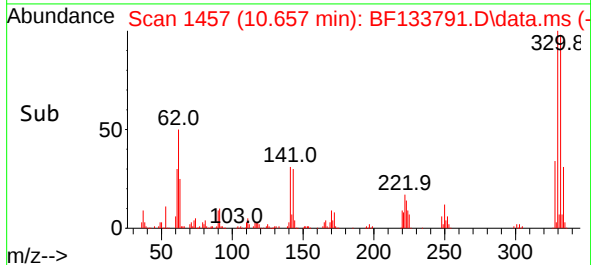
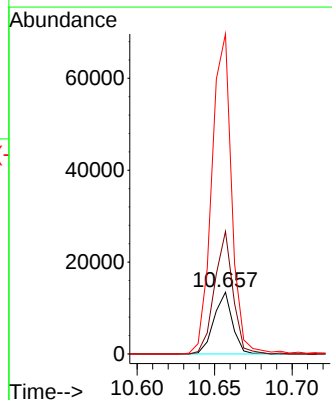
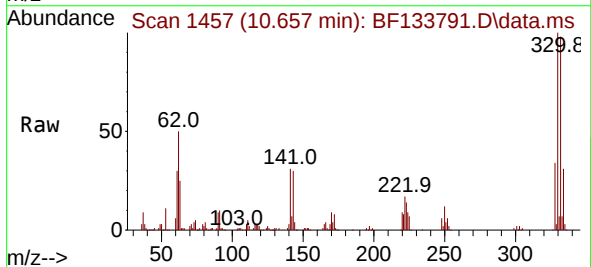
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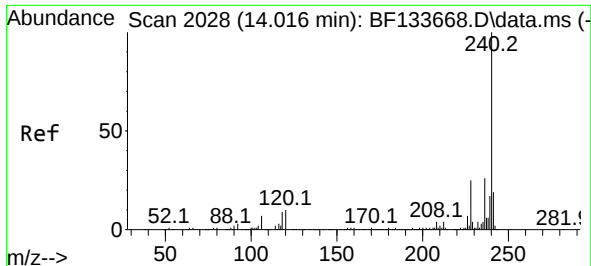
Tgt Ion:188 Resp: 355517
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 8.2 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 2.812 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.247 min
Lab File: BF133791.D
Acq: 16 Jun 2023 00:01

Tgt Ion:248 Resp: 11157
Ion Ratio Lower Upper
248 100
250 198.6 78.3 117.5#
141 518.3 69.0 103.6#

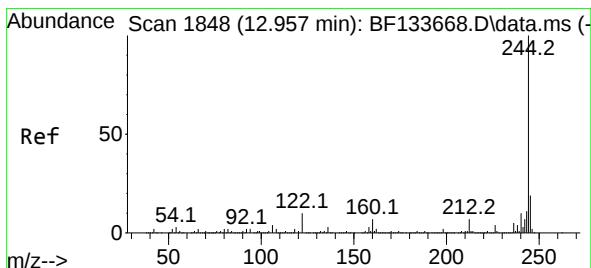
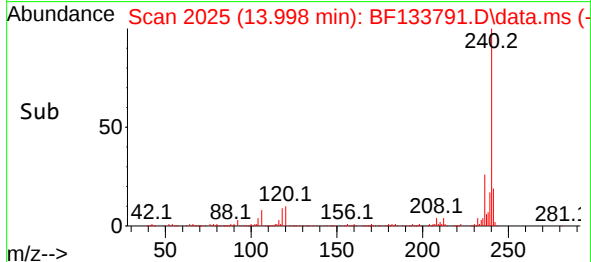
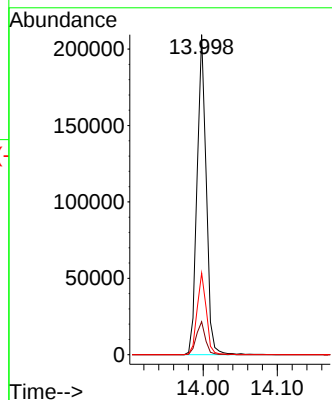
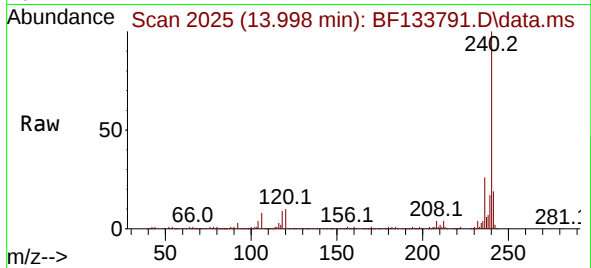




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF133791.D
Acq: 16 Jun 2023 00:01

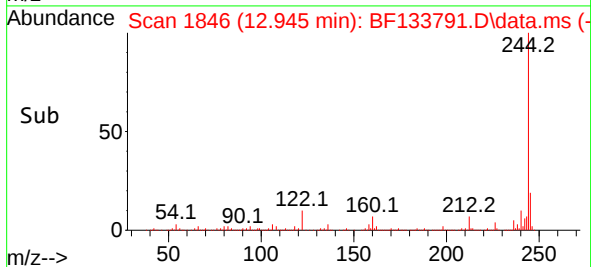
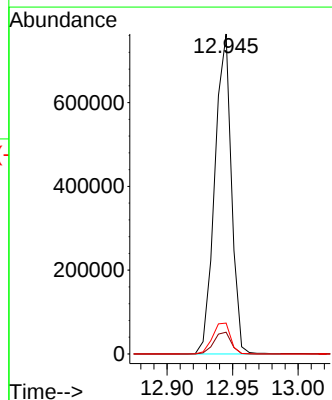
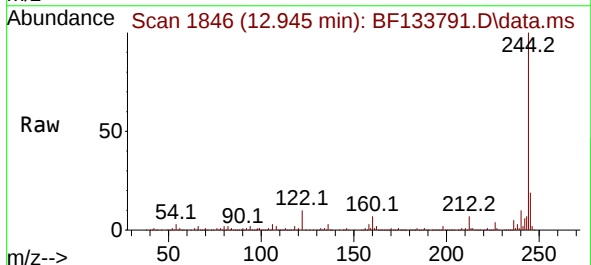
Instrument :
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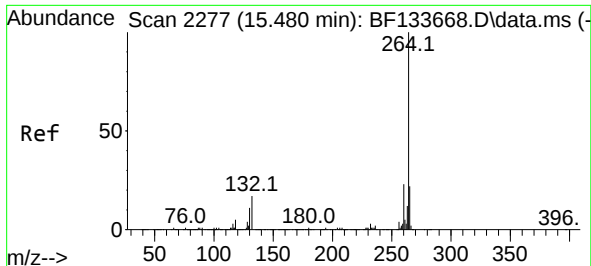
Tgt Ion:240 Resp: 179267
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 25.5 20.5 30.7



#79
Terphenyl-d14
Concen: 58.074 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BF133791.D
Acq: 16 Jun 2023 00:01

Tgt Ion:244 Resp: 672816
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 9.7 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: BF133791.D
Acq: 16 Jun 2023 00:01

Instrument :
BNA_F
ClientSampleId :
A-MANHOLE

Tgt Ion:264 Resp: 170104

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	20.8	17.8	26.6

