

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133272.D
 Acq On : 05 May 2023 19:48
 Operator : CG\JU
 Sample : 02618-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN002

Quant Time: May 06 05:51:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

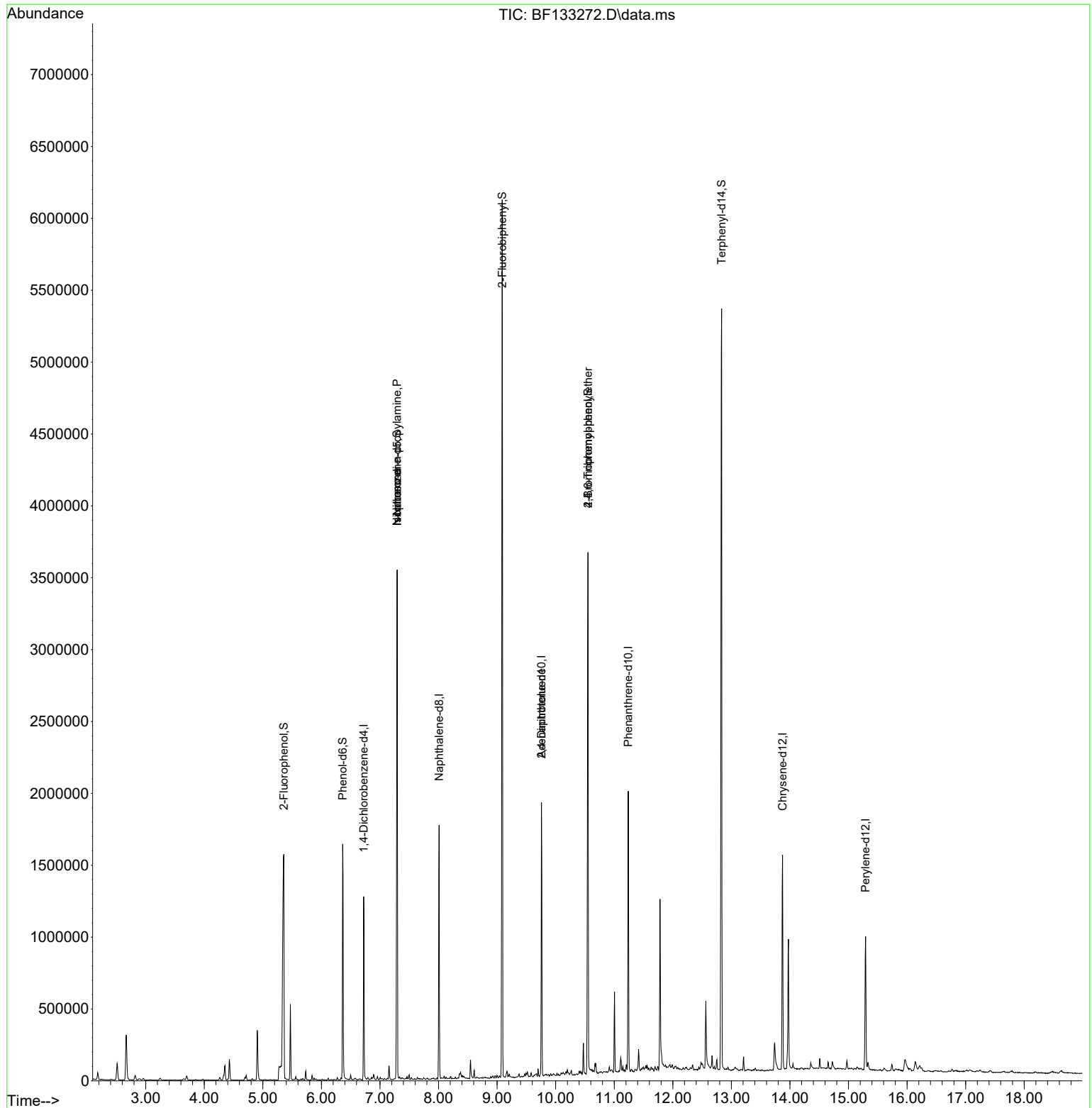
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	168254	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	694337	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	357804	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	658489	20.000	ng	0.00
76) Chrysene-d12	13.874	240	469806	20.000	ng	0.00
86) Perylene-d12	15.292	264	389157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	744785	66.868	ng	0.02
7) Phenol-d6	6.363	99	527541	38.159	ng	0.00
23) Nitrobenzene-d5	7.293	82	1111491	86.406	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	472423	131.287	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1869413	87.409	ng	0.00
79) Terphenyl-d14	12.833	244	2113345	77.581	ng	0.00
Target Compounds						
9) Benzaldehyde	6.269	77	3452	Below Cal		Qvalue 91
19) n-Nitroso-di-n-propyla...	7.293	70	147739	17.166	ng	# 76
25) Isophorone	7.293	82	1110563	45.471	ng	# 63
57) 2,4-Dinitrotoluene	9.757	165	46307	6.466	ng	# 23
67) 4-Bromophenyl-phenylether	10.551	248	30170	4.224	ng	# 1

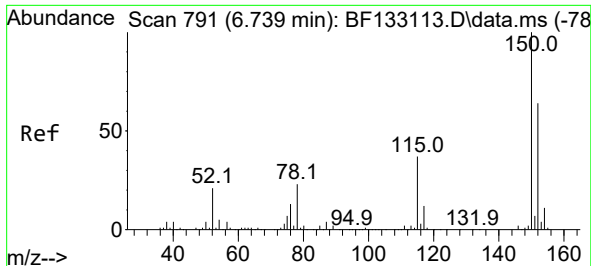
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 06 05:51:10 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 10:49:34 2023
Response via : Initial Calibration

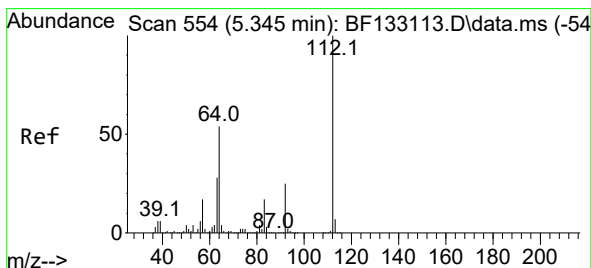
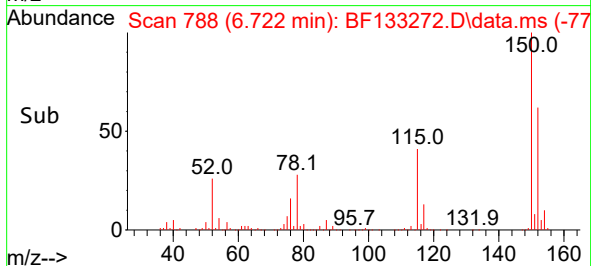
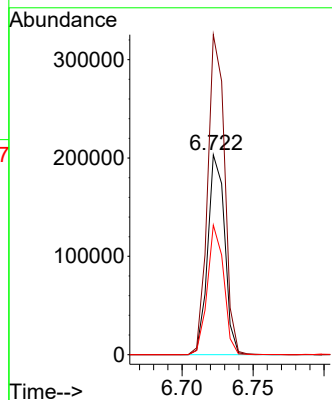
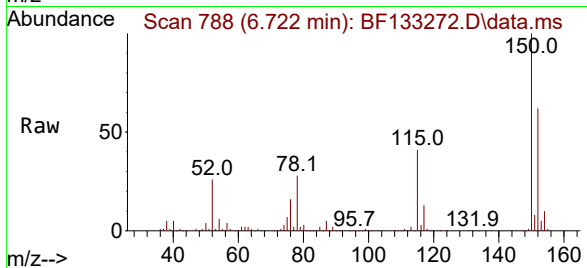




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF133272.D
Acq: 05 May 2023 19:48

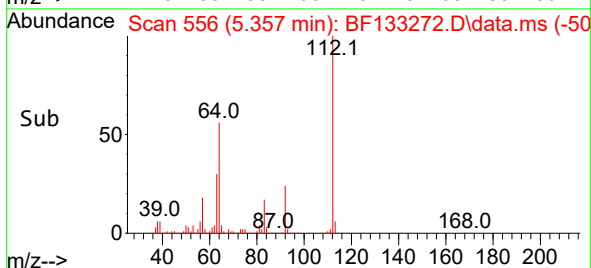
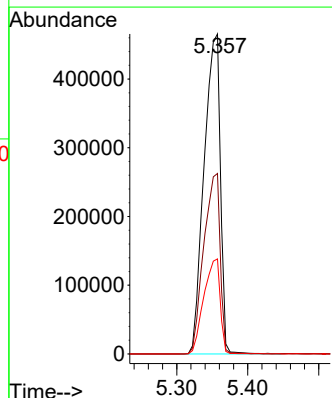
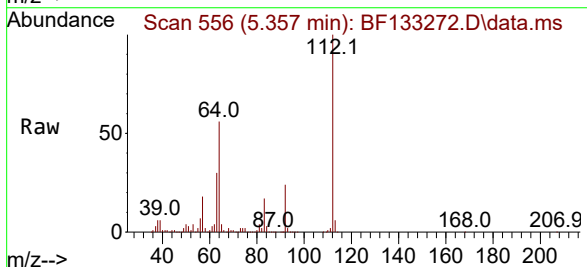
Instrument :
BNA_F
ClientSampleId :
DSN002

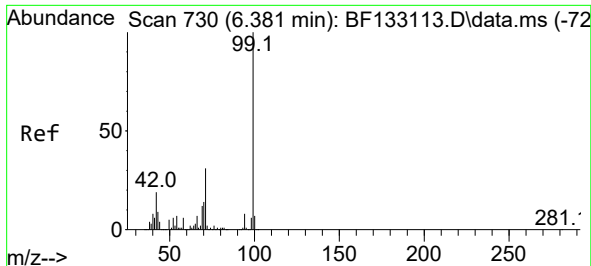
Tgt Ion:152 Resp: 168254
Ion Ratio Lower Upper
152 100
150 160.2 124.8 187.2
115 64.9 49.9 74.9



#5
2-Fluorophenol
Concen: 66.868 ng
RT: 5.357 min Scan# 556
Delta R.T. 0.024 min
Lab File: BF133272.D
Acq: 05 May 2023 19:48

Tgt Ion:112 Resp: 744785
Ion Ratio Lower Upper
112 100
64 56.4 46.8 70.2
63 29.7 23.8 35.8

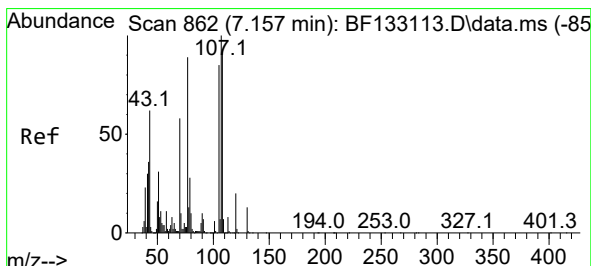
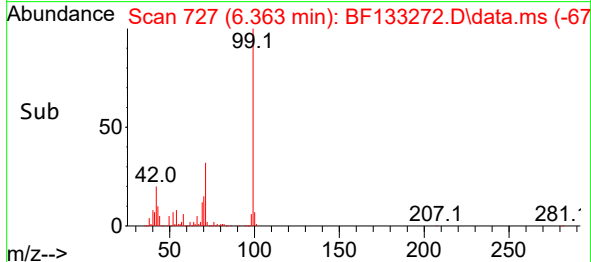
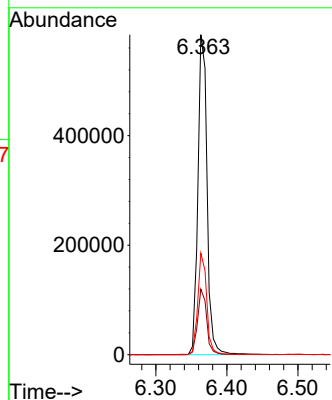
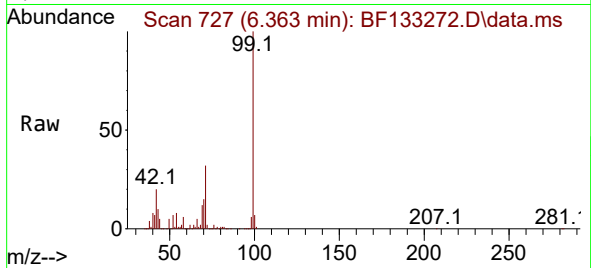




#7
Phenol-d6
Concen: 38.159 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133272.D
Acq: 05 May 2023 19:48

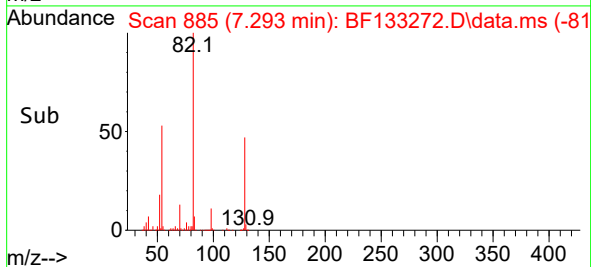
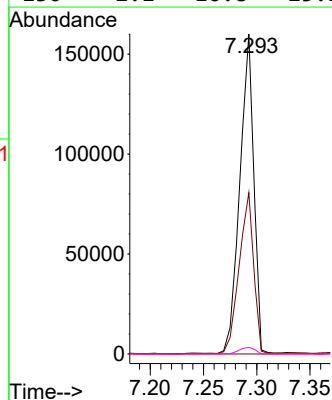
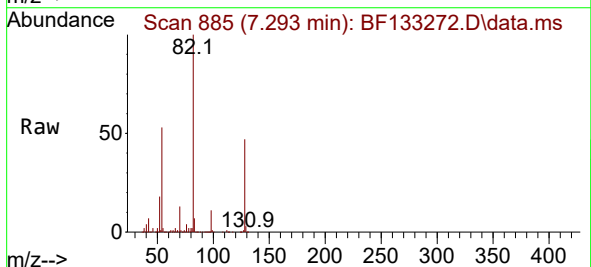
Instrument :
BNA_F
ClientSampleId :
DSN002

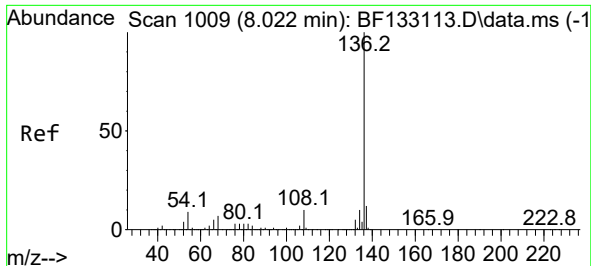
Tgt Ion: 99 Resp: 527541
Ion Ratio Lower Upper
99 100
42 20.5 16.3 24.5
71 31.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.166 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133272.D
Acq: 05 May 2023 19:48

Tgt Ion: 70 Resp: 147739
Ion Ratio Lower Upper
70 100
42 50.4 51.8 77.6#
101 0.0 8.0 12.0#
130 2.1 16.8 25.2#

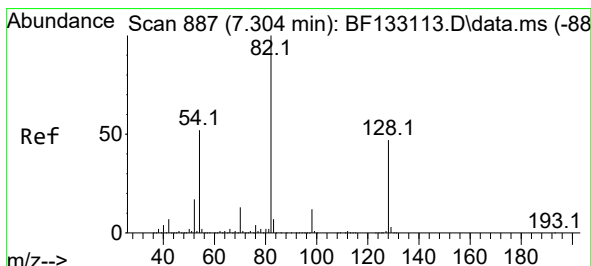
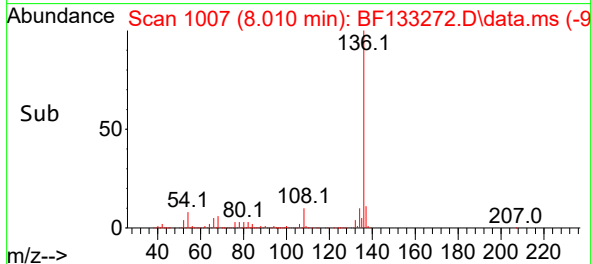
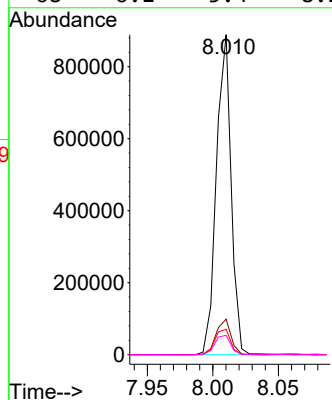
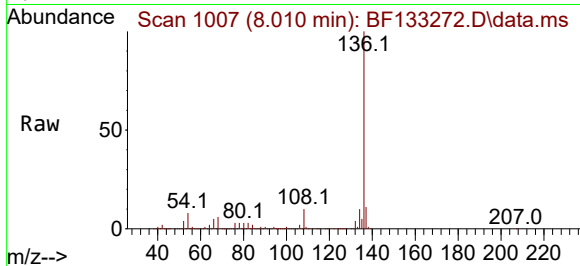




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133272.D
Acq: 05 May 2023 19:48

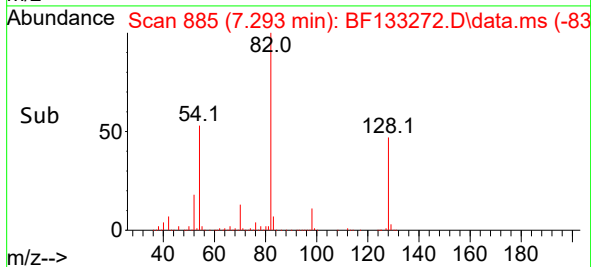
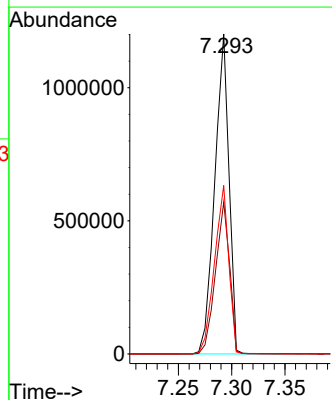
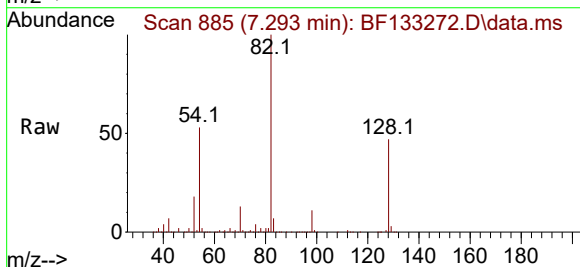
Instrument :
BNA_F
ClientSampleId :
DSN002

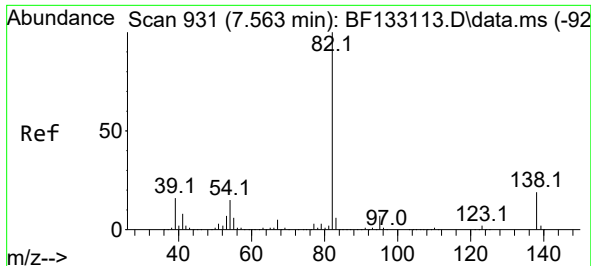
Tgt Ion:136	Resp: 694337
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 8.0	7.0 10.4
68 6.1	5.4 8.2



#23
Nitrobenzene-d5
Concen: 86.406 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133272.D
Acq: 05 May 2023 19:48

Tgt Ion: 82		Resp: 1111491	
Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.7	56.5
54	52.6	43.0	64.4

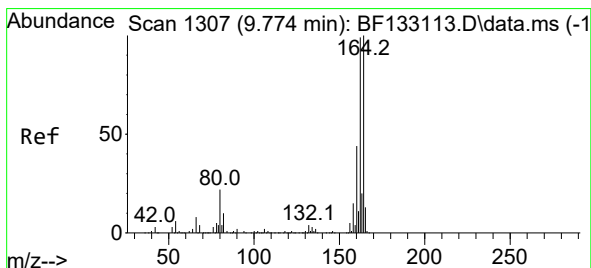
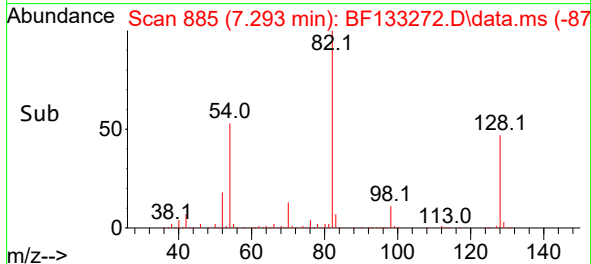
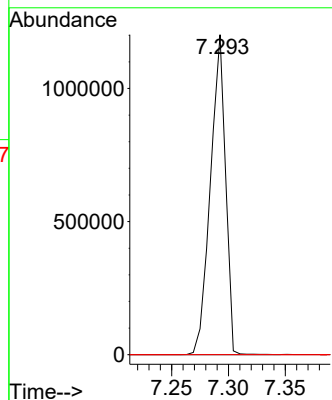
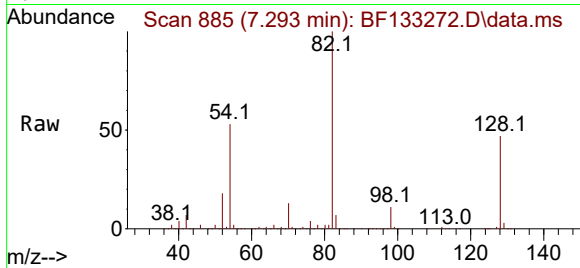




#25
Isophorone
Concen: 45.471 ng
RT: 7.293 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133272.D
Acq: 05 May 2023 19:48

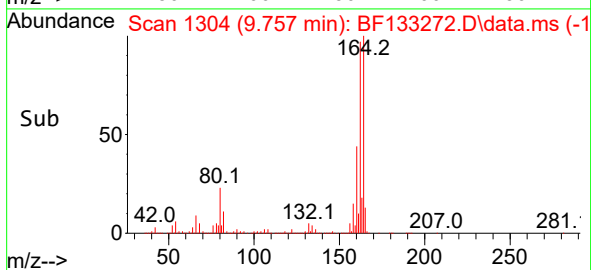
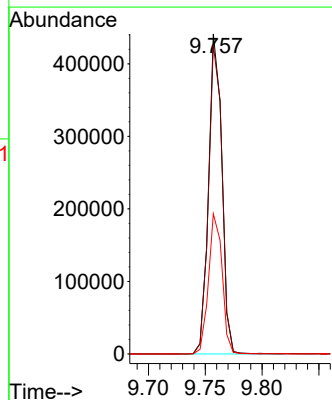
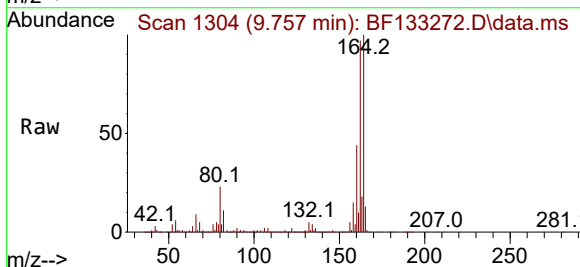
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BNA_F
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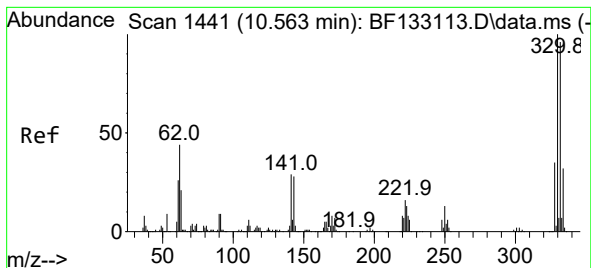
Tgt Ion: 82 Resp: 1110563
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133272.D
Acq: 05 May 2023 19:48

Tgt Ion:164 Resp: 357804
Ion Ratio Lower Upper
164 100
162 96.6 78.7 118.1
160 43.8 35.8 53.6

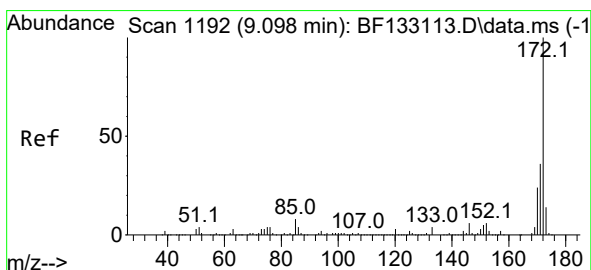
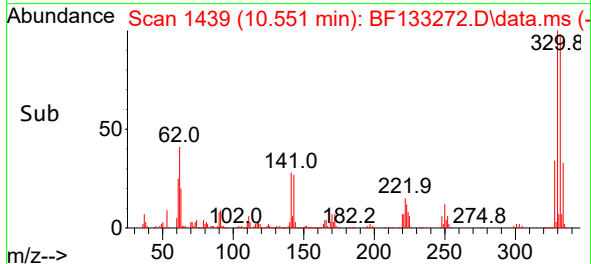
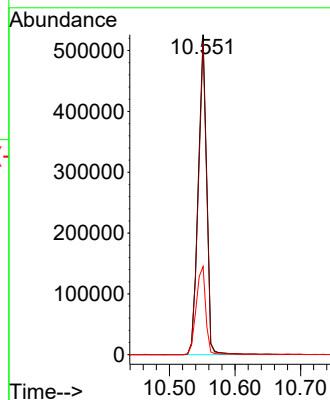
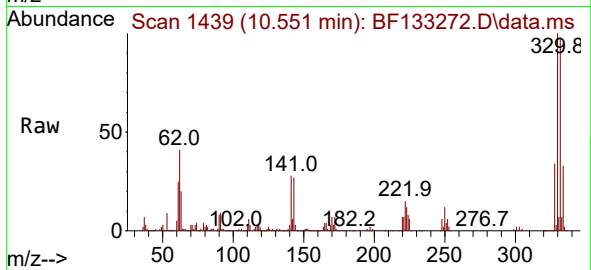




#42
2,4,6-Tribromophenol
Concen: 131.287 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133272.D
Acq: 05 May 2023 19:48

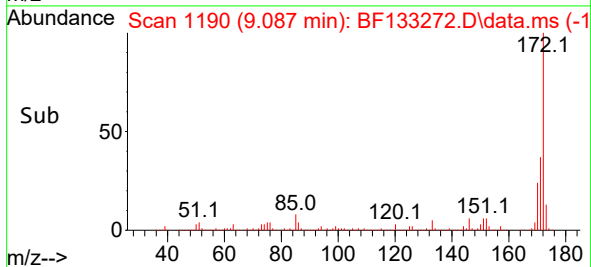
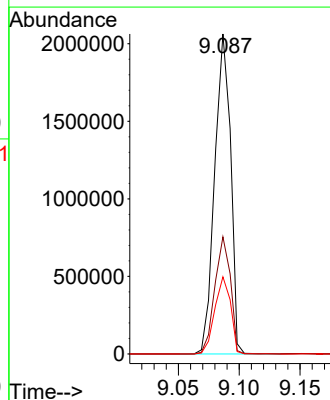
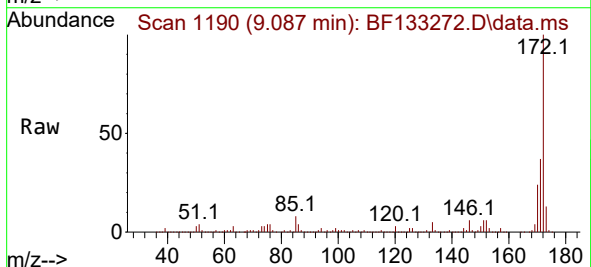
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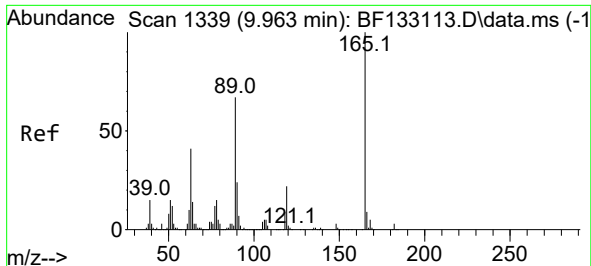
Tgt Ion: 330 Resp: 472423
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 31.3 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 87.409 ng
RT: 9.087 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133272.D
Acq: 05 May 2023 19:48

Tgt Ion: 172 Resp: 1869413
Ion Ratio Lower Upper
172 100
171 36.6 28.8 43.2
170 24.1 19.4 29.2

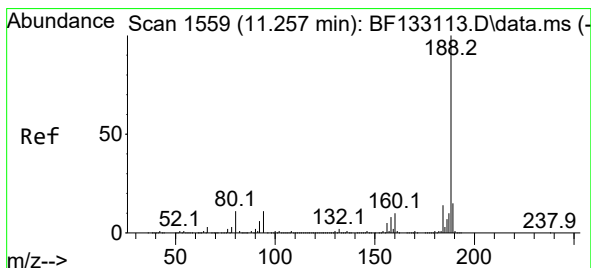
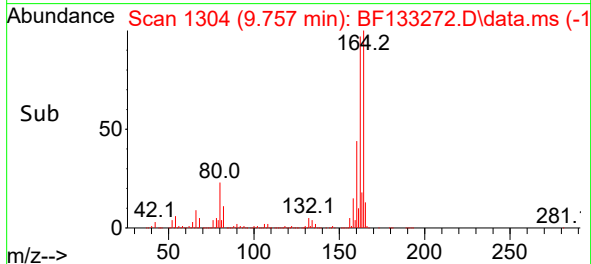
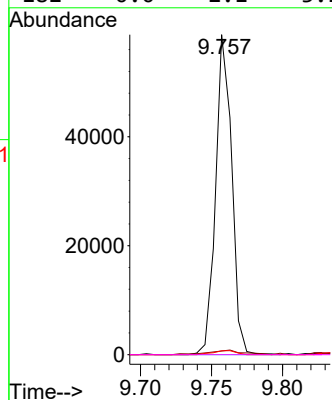
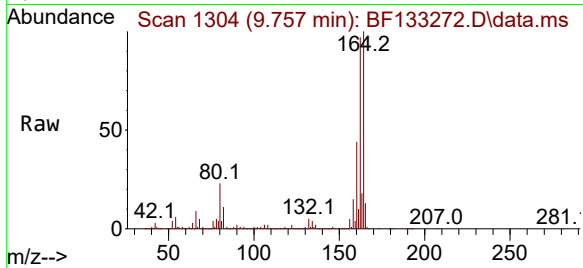




#57
2,4-Dinitrotoluene
Concen: 6.466 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133272.D
Acq: 05 May 2023 19:48

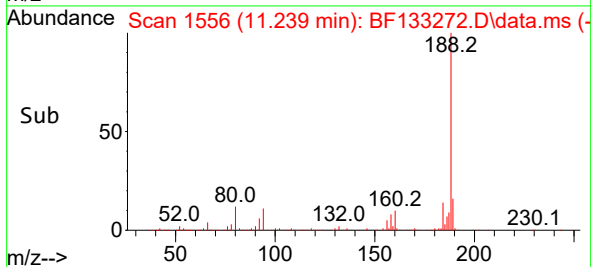
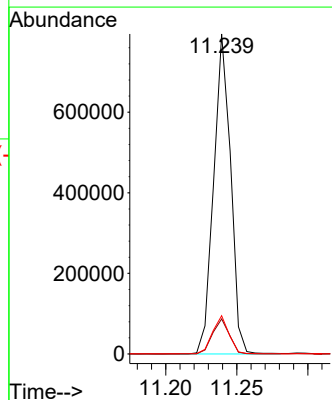
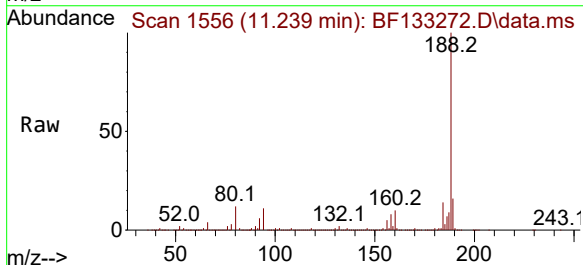
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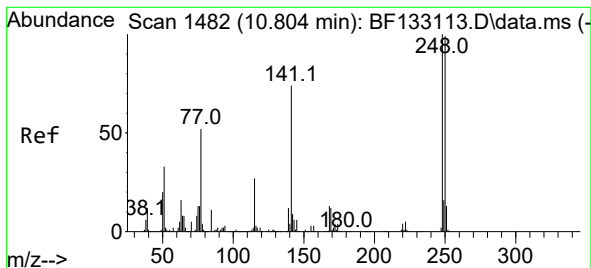
Tgt Ion:165 Resp: 46307
Ion Ratio Lower Upper
165 100
63 1.2 37.7 56.5#
89 1.2 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133272.D
Acq: 05 May 2023 19:48

Tgt Ion:188 Resp: 658489
Ion Ratio Lower Upper
188 100
94 11.0 9.7 14.5
80 11.9 10.4 15.6

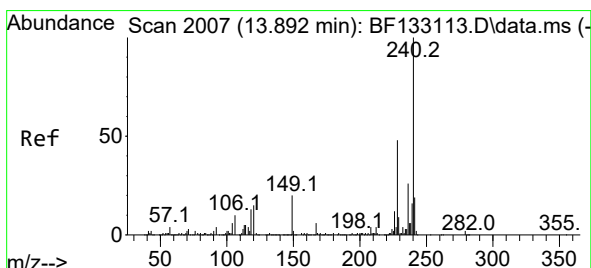
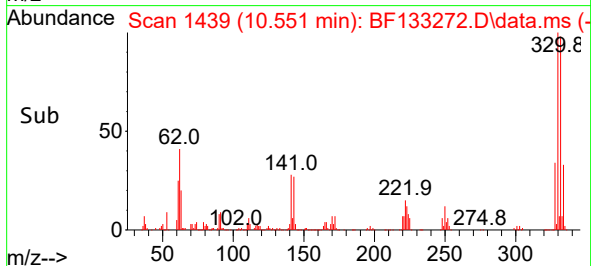
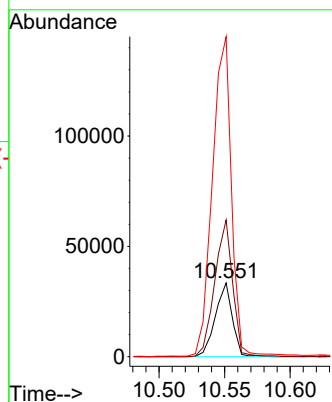
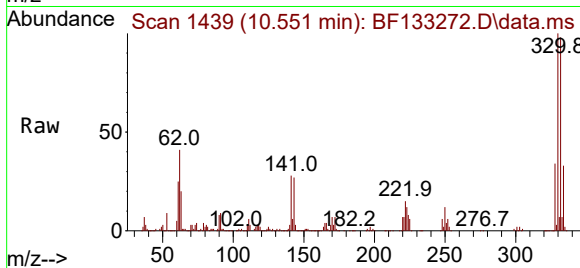




#67
4-Bromophenyl-phenylether
Concen: 4.224 ng
RT: 10.551 min Scan# 1482
Delta R.T. -0.241 min
Lab File: BF133272.D
Acq: 05 May 2023 19:48

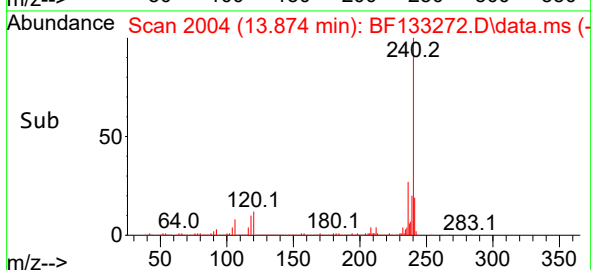
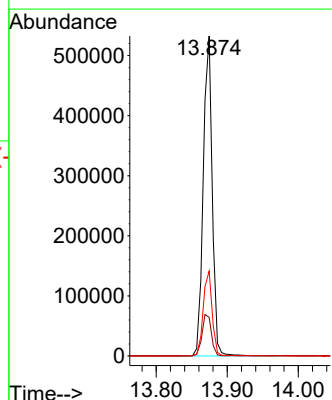
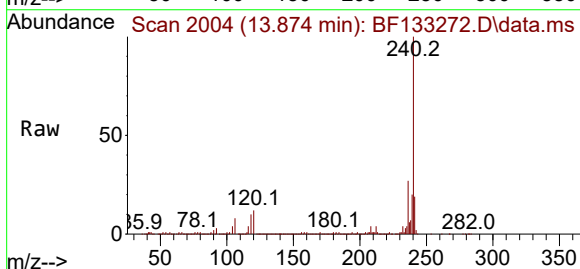
Instrument :
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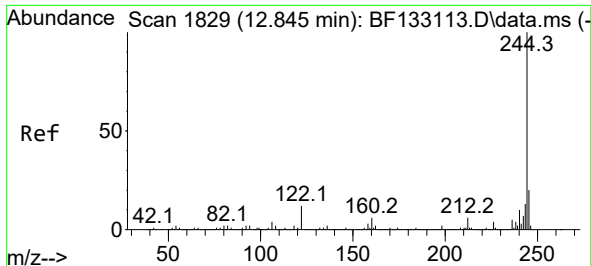
Tgt Ion:248 Resp: 30170
Ion Ratio Lower Upper
248 100
250 185.5 78.7 118.1#
141 433.7 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133272.D
Acq: 05 May 2023 19:48

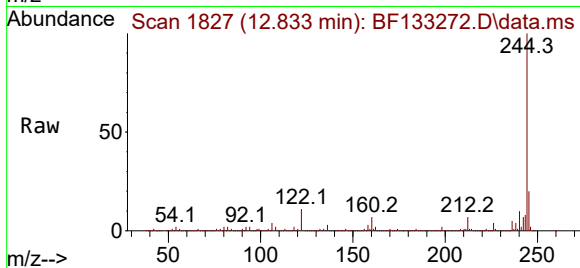
Tgt Ion:240 Resp: 469806
Ion Ratio Lower Upper
240 100
120 12.1 10.5 15.7
236 26.6 21.5 32.3



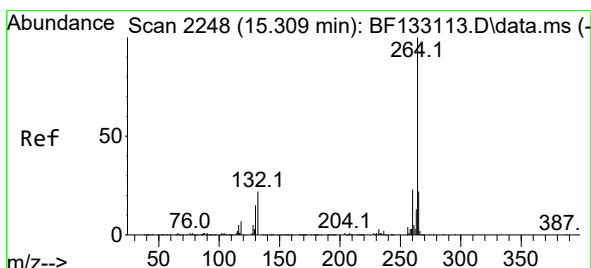
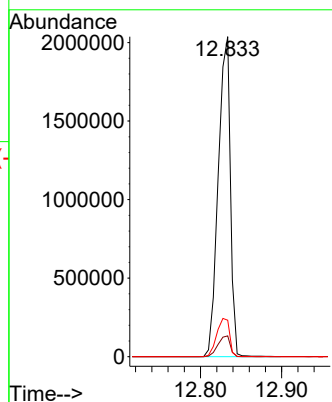
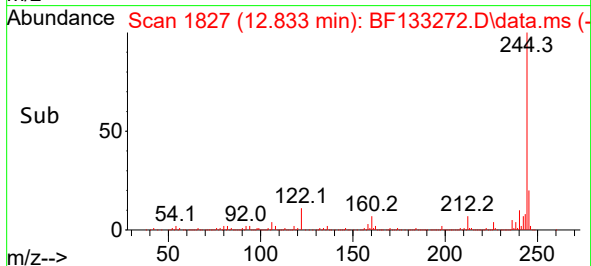


#79
 Terphenyl-d14
 Concen: 77.581 ng
 RT: 12.833 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133272.D
 Acq: 05 May 2023 19:48

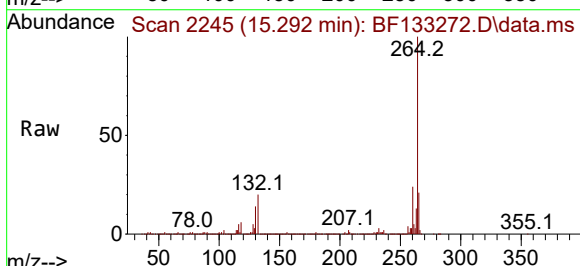
Instrument :
 BNA_F
 ClientSampleId :
 DSN002



Tgt Ion:244 Resp: 2113345
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.4 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. 0.000 min
 Lab File: BF133272.D
 Acq: 05 May 2023 19:48



Tgt Ion:264 Resp: 389157
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.2 17.0 25.4

