

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF133003.D
 Acq On : 24 Apr 2023 19:21
 Operator : CG\JU
 Sample : 02469-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-02RE

Quant Time: Apr 25 02:10:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

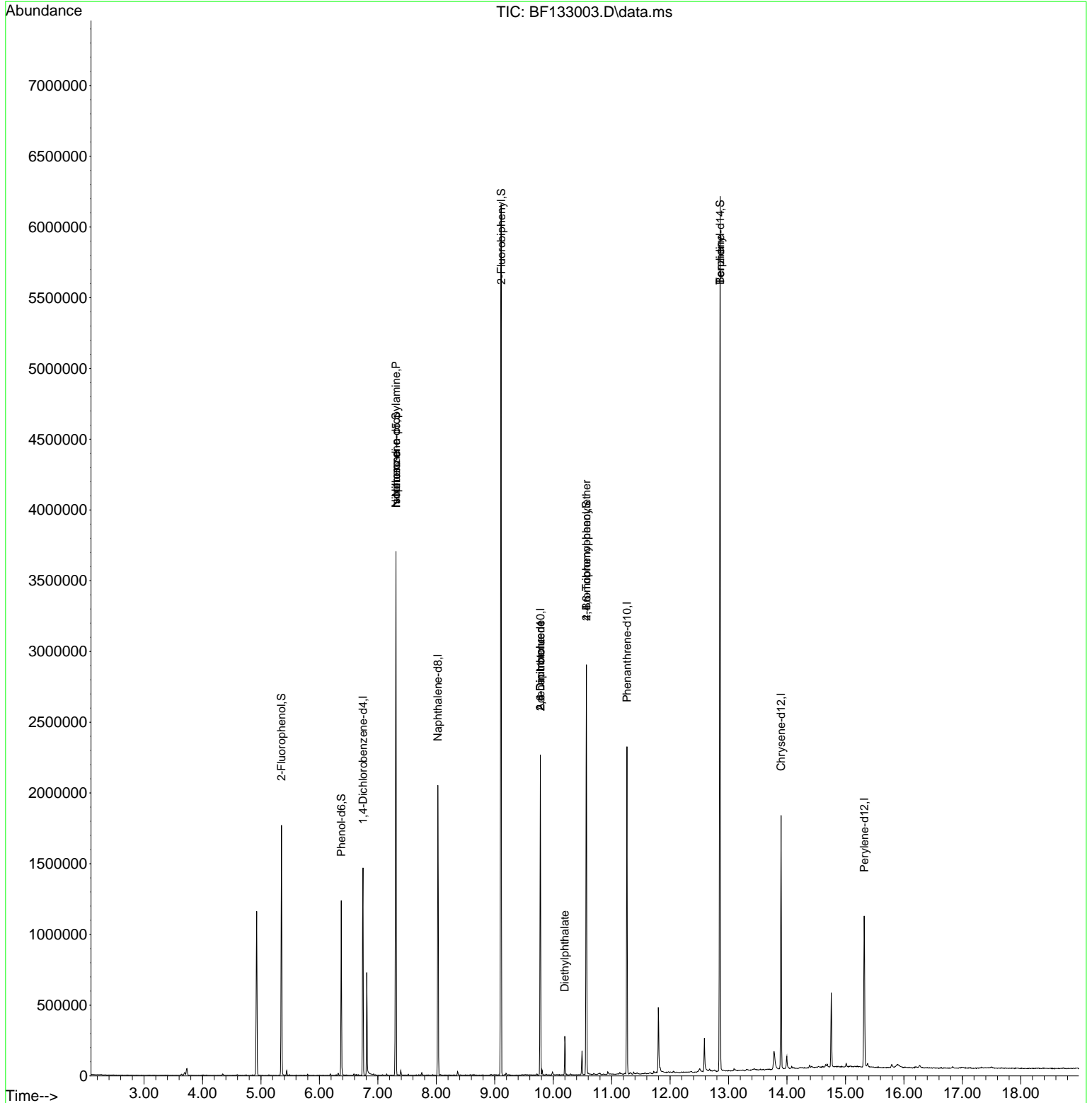
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	191480	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	769213	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	401358	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	730853	20.000	ng	0.00
76) Chrysene-d12	13.898	240	529066	20.000	ng	-0.01
86) Perylene-d12	15.321	264	429617	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	439335	34.660	ng	0.00
7) Phenol-d6	6.375	99	317507	20.181	ng	-0.01
23) Nitrobenzene-d5	7.310	82	1080376	75.812	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	324544	80.404	ng	-0.01
45) 2-Fluorobiphenyl	9.110	172	1827507	76.177	ng	0.00
79) Terphenyl-d14	12.857	244	2226438	72.578	ng	0.00
Target Compounds						
9) Benzaldehyde	6.287	77	788	Below Cal		95
19) n-Nitroso-di-n-propyla...	7.310	70	144917	14.795	ng	# 78
25) Isophorone	7.310	82	1079336	39.891	ng	# 63
51) 2,6-Dinitrotoluene	9.780	165	51951	8.248	ng	# 25
57) 2,4-Dinitrotoluene	9.780	165	51951	6.467	ng	# 23
60) Diethylphthalate	10.198	149	86722	3.281	ng	97
67) 4-Bromophenyl-phenylether	10.569	248	20658	2.606	ng	# 1
77) Benzidine	12.857	184	25405	2.840	ng	# 95

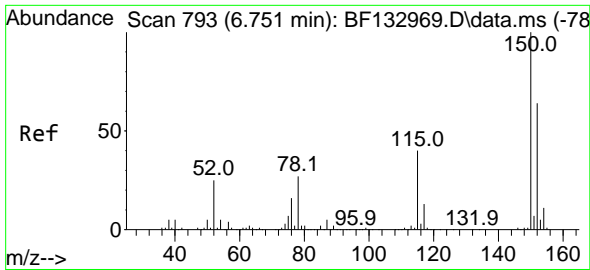
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 25 02:10:53 2023
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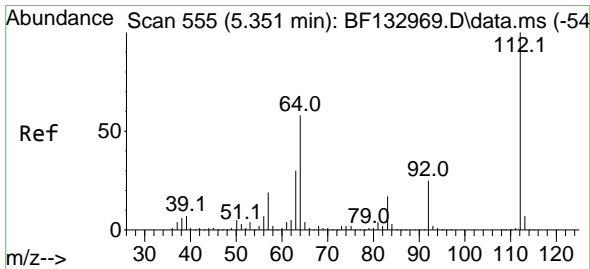
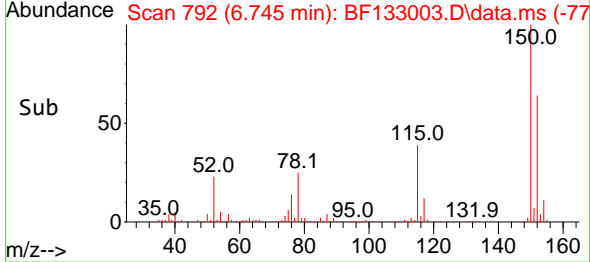
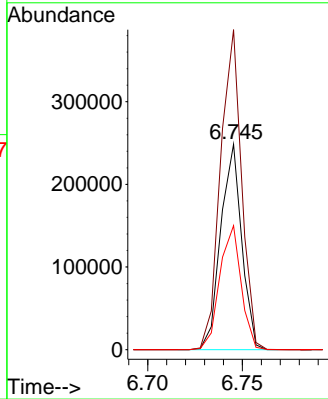
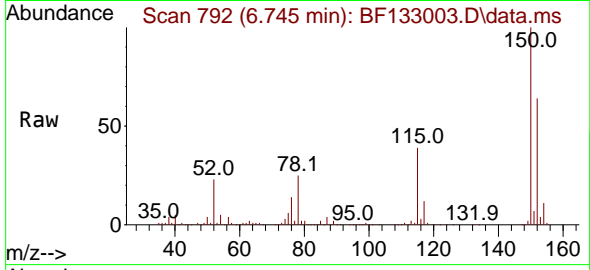




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF133003.D
 Acq: 24 Apr 2023 19:21

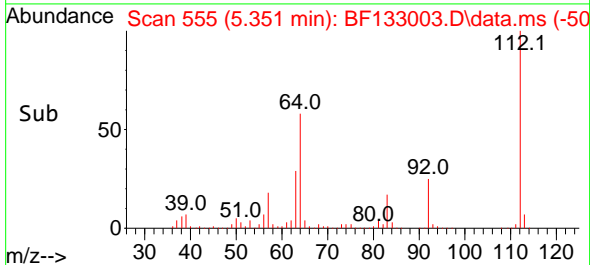
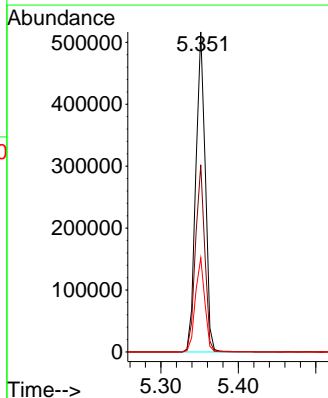
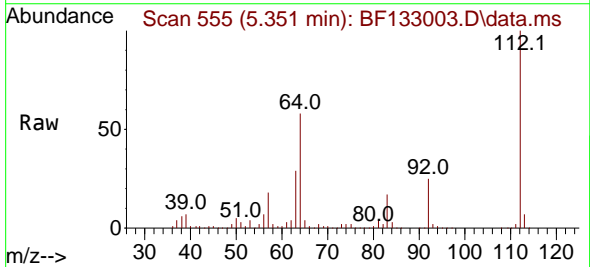
Instrument :
 BNA_F
 ClientSampleId :
 TWP-02RE

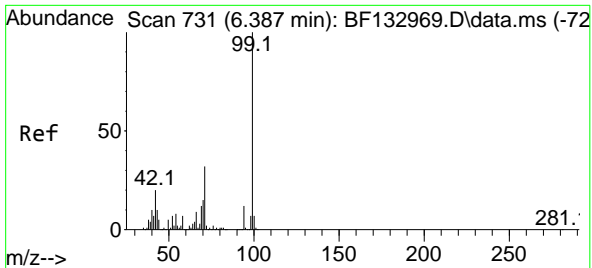
Tgt Ion:152 Resp: 191480
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.8 187.2
 115 60.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 34.660 ng
 RT: 5.351 min Scan# 555
 Delta R.T. -0.000 min
 Lab File: BF133003.D
 Acq: 24 Apr 2023 19:21

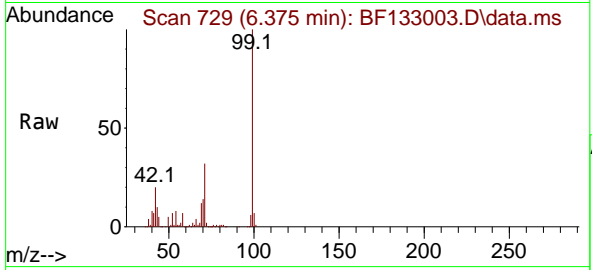
Tgt Ion:112 Resp: 439335
 Ion Ratio Lower Upper
 112 100
 64 58.5 46.8 70.2
 63 29.4 23.8 35.8





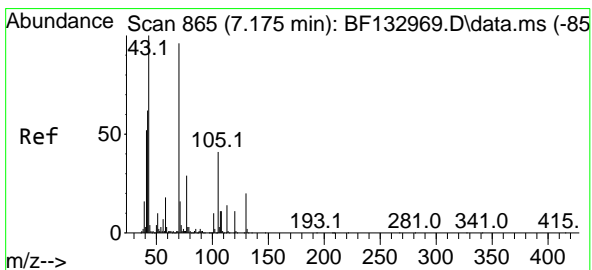
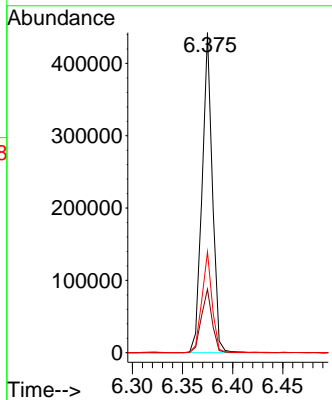
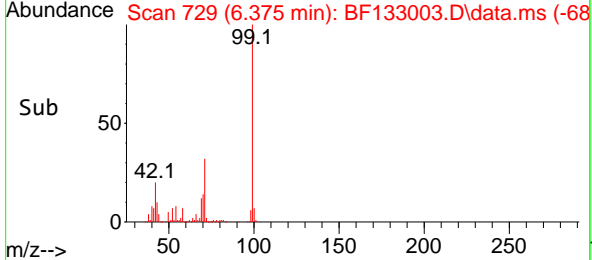
#7
 Phenol-d6
 Concen: 20.181 ng
 RT: 6.375 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF133003.D
 Acq: 24 Apr 2023 19:21

Instrument :
 BNA_F
 ClientSampleId :
 TWP-02RE

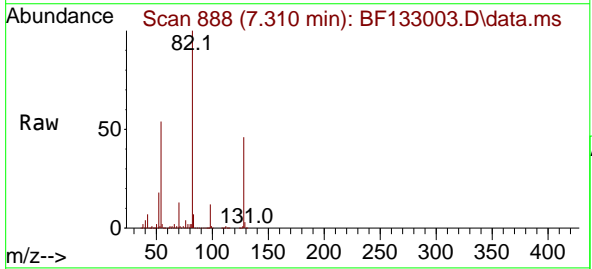


Tgt Ion: 99 Resp: 317507

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.3	24.5
71	31.5	25.6	38.4

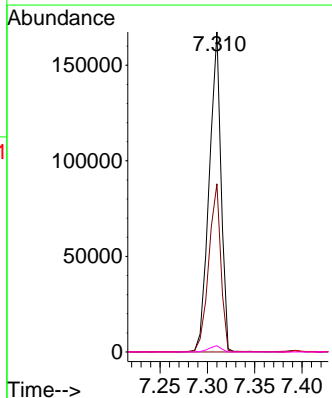
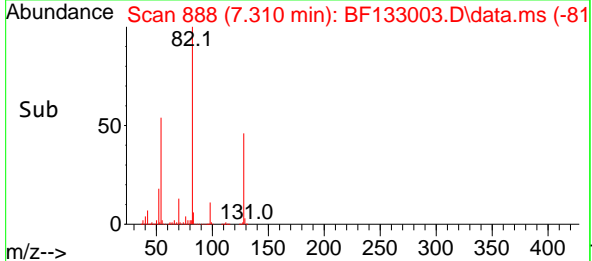


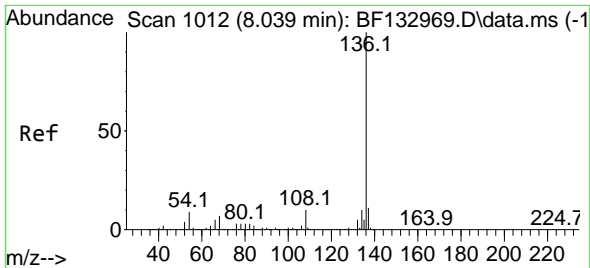
#19
 n-Nitroso-di-n-propylamine
 Concen: 14.795 ng
 RT: 7.310 min Scan# 888
 Delta R.T. 0.135 min
 Lab File: BF133003.D
 Acq: 24 Apr 2023 19:21



Tgt Ion: 70 Resp: 144917

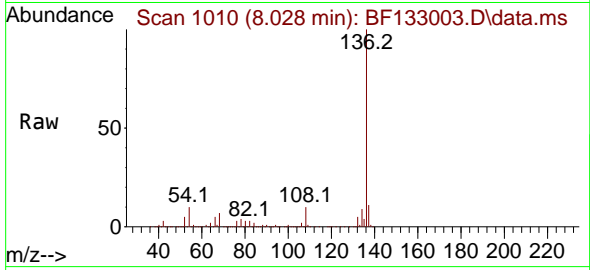
Ion	Ratio	Lower	Upper
70	100		
42	52.6	51.8	77.6
101	0.0	8.0	12.0#
130	2.0	16.8	25.2#





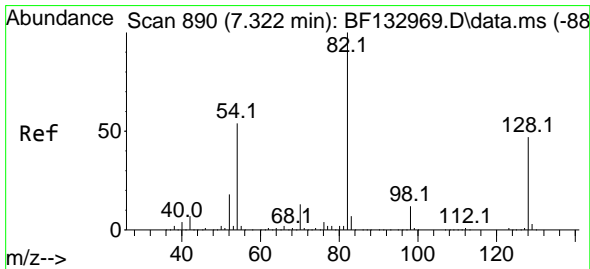
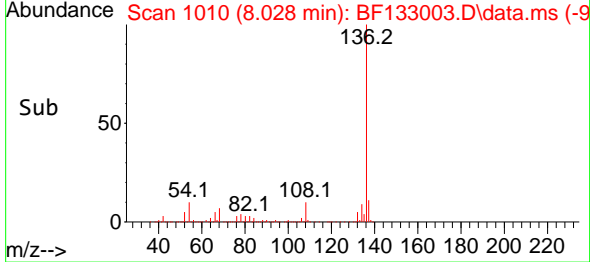
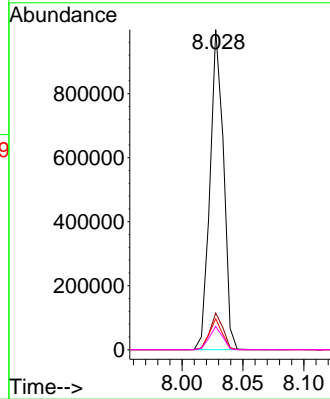
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.028 min Scan# 1010
 Delta R.T. -0.012 min
 Lab File: BF133003.D
 Acq: 24 Apr 2023 19:21

Instrument :
 BNA_F
 ClientSampleId :
 TWP-02RE



Tgt Ion: 136 Resp: 769213

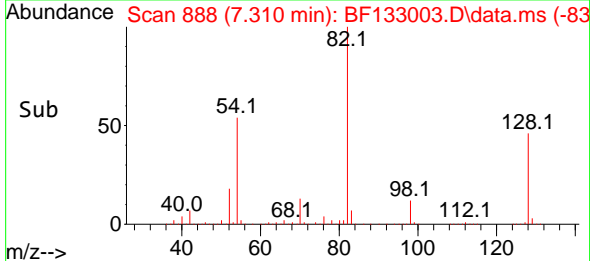
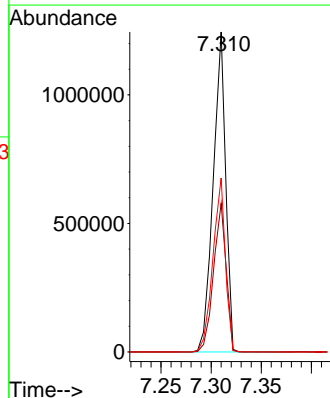
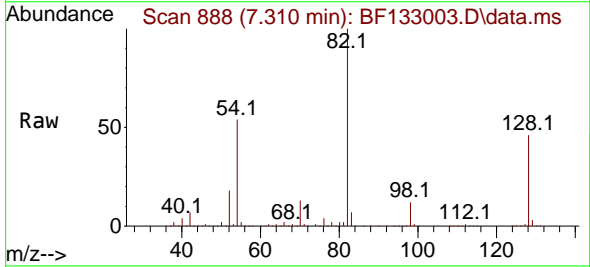
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	9.7	7.0	10.4
68	7.3	5.4	8.2

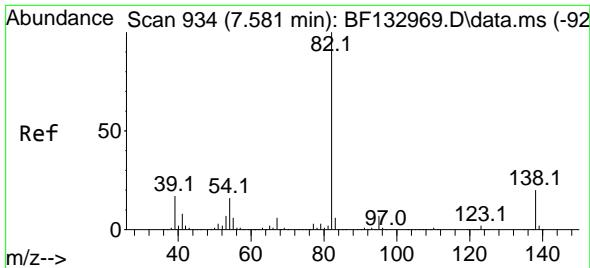


#23
 Nitrobenzene-d5
 Concen: 75.812 ng
 RT: 7.310 min Scan# 888
 Delta R.T. -0.012 min
 Lab File: BF133003.D
 Acq: 24 Apr 2023 19:21

Tgt Ion: 82 Resp: 1080376

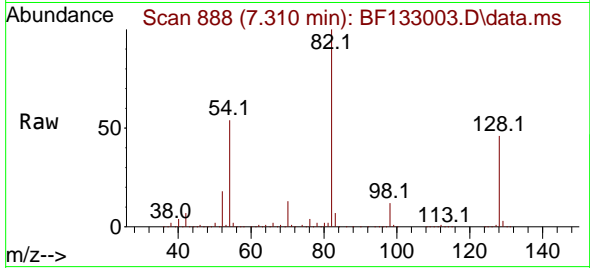
Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.7	56.5
54	54.4	43.0	64.4



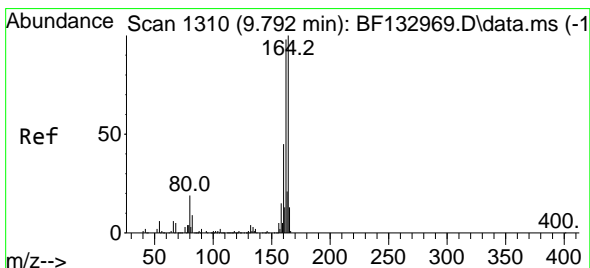
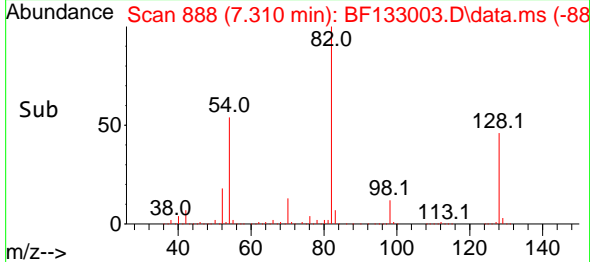
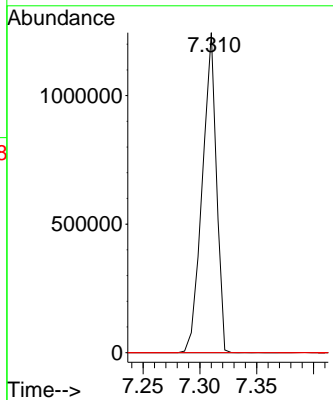


#25
 Isophorone
 Concen: 39.891 ng
 RT: 7.310 min Scan# 81
 Delta R.T. -0.271 min
 Lab File: BF133003.D
 Acq: 24 Apr 2023 19:21

Instrument :
 BNA_F
 ClientSampleId :
 TWP-02RE

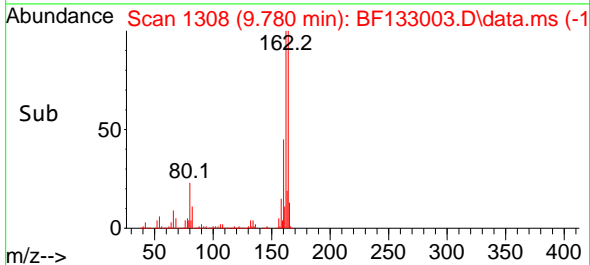
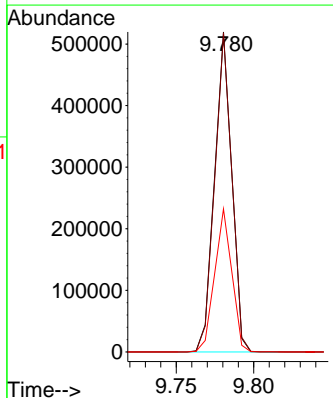
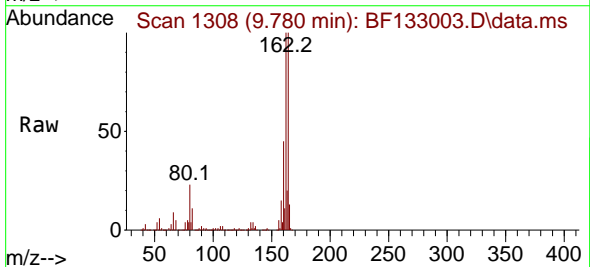


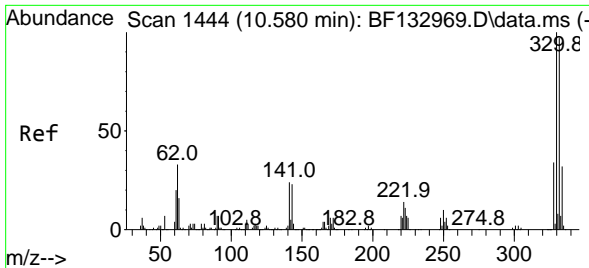
Tgt Ion: 82 Resp: 1079336
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.0#
 138 0.0 16.0 24.0#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.780 min Scan# 1308
 Delta R.T. -0.012 min
 Lab File: BF133003.D
 Acq: 24 Apr 2023 19:21

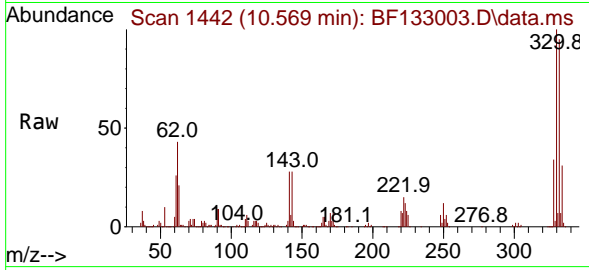
Tgt Ion: 164 Resp: 401358
 Ion Ratio Lower Upper
 164 100
 162 99.8 78.7 118.1
 160 44.7 35.8 53.6



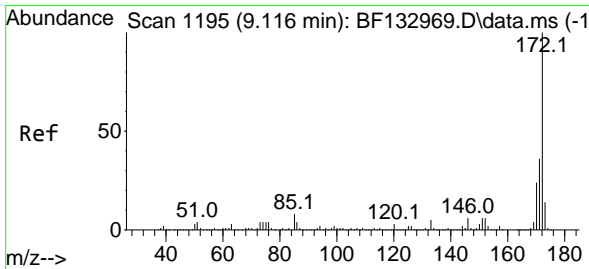
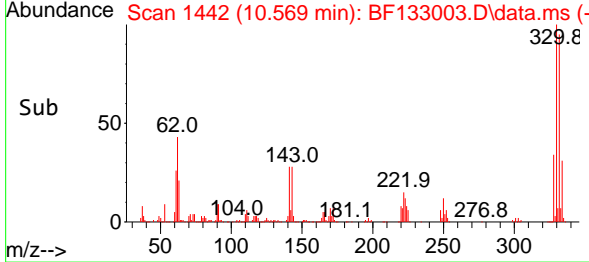
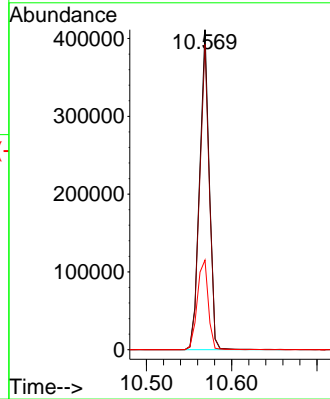


#42
 2,4,6-Tribromophenol
 Concen: 80.404 ng
 RT: 10.569 min Scan# 1442
 Delta R.T. -0.012 min
 Lab File: BF133003.D
 Acq: 24 Apr 2023 19:21

Instrument : BNA_F
 ClientSampleId : TWP-02RE

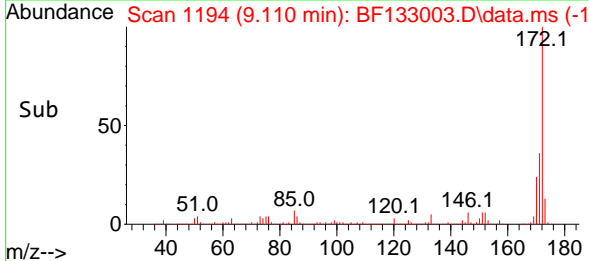
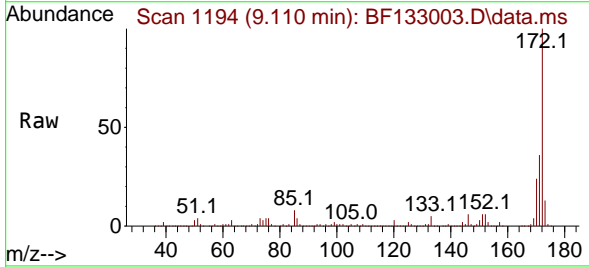
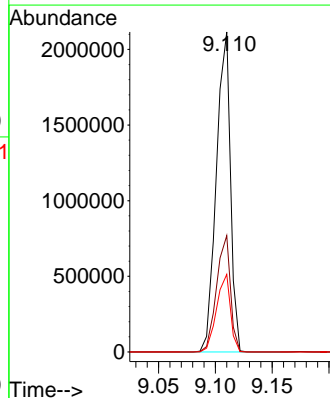


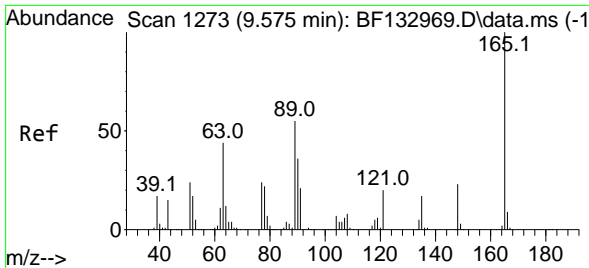
Tgt Ion:330 Resp: 324544
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.1 115.7
 141 31.7 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 76.177 ng
 RT: 9.110 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: BF133003.D
 Acq: 24 Apr 2023 19:21

Tgt Ion:172 Resp: 1827507
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.8 43.2
 170 24.3 19.4 29.2

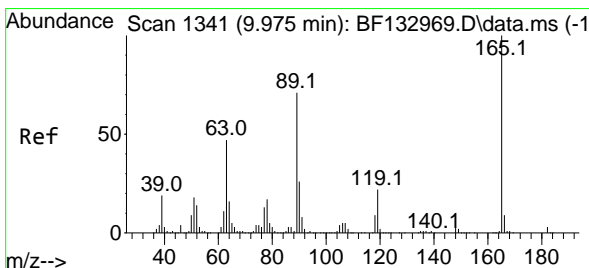
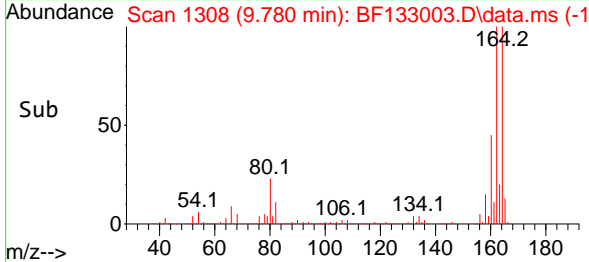
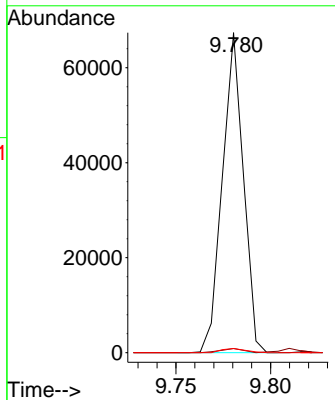
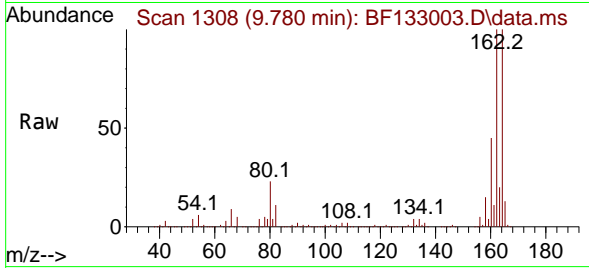




#51
 2,6-Dinitrotoluene
 Concen: 8.248 ng
 RT: 9.780 min Scan# 11
 Delta R.T. 0.206 min
 Lab File: BF133003.D
 Acq: 24 Apr 2023 19:21

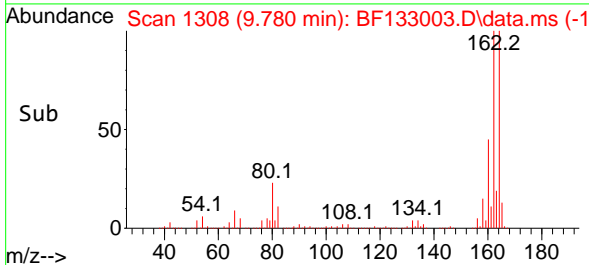
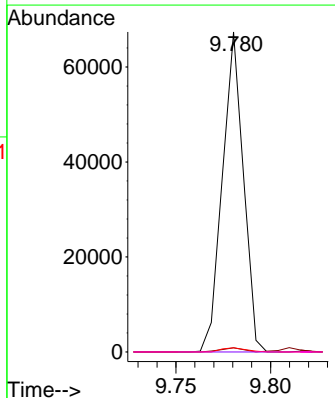
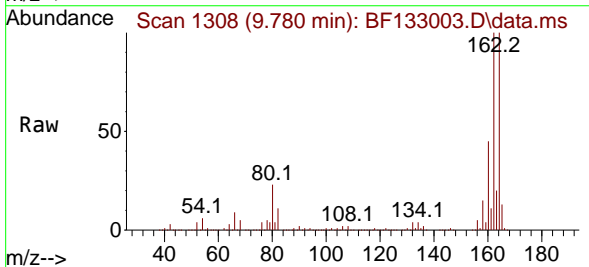
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 TWP-02RE

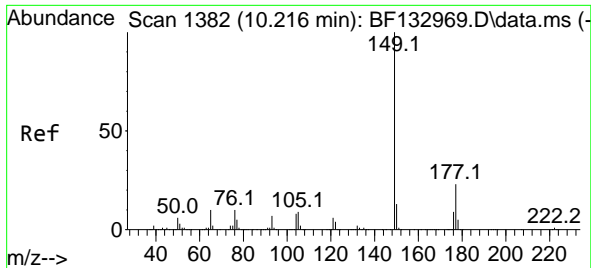
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.3	45.9	68.9#
89	1.3	44.0	66.0#



#57
 2,4-Dinitrotoluene
 Concen: 6.467 ng
 RT: 9.780 min Scan# 1308
 Delta R.T. -0.194 min
 Lab File: BF133003.D
 Acq: 24 Apr 2023 19:21

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.3	37.7	56.5#
89	1.3	57.0	85.4#
182	0.0	2.1	3.1#

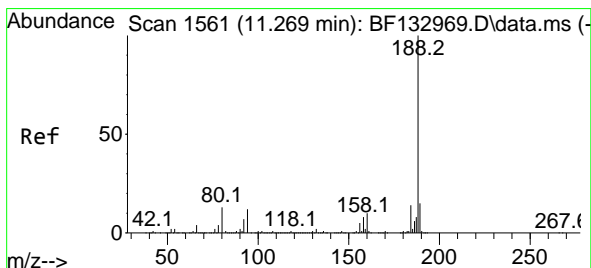
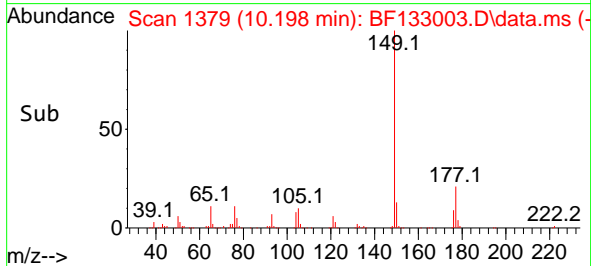
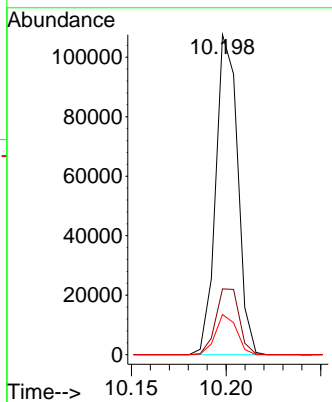
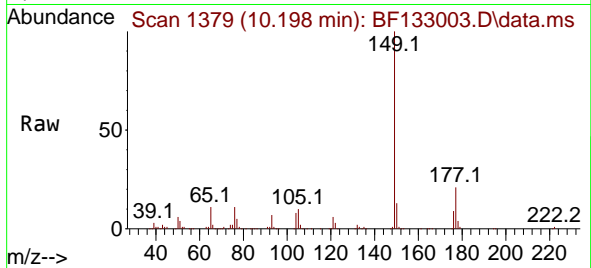




#60
 Diethylphthalate
 Concen: 3.281 ng
 RT: 10.198 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF133003.D
 Acq: 24 Apr 2023 19:21

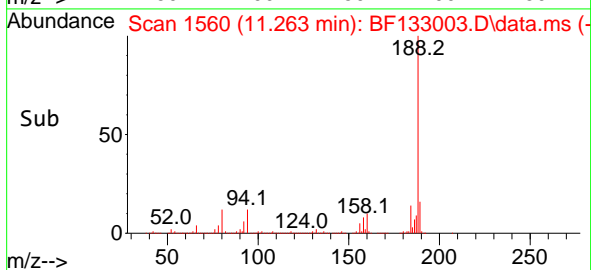
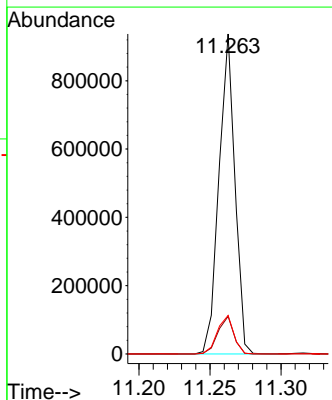
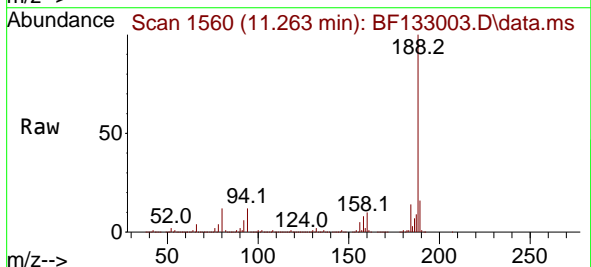
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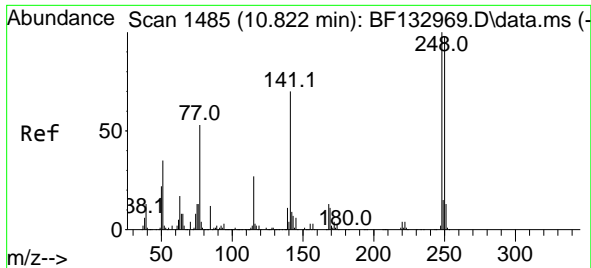
Tgt Ion	Resp	Lower	Upper
149	86722		
177	20.6	18.2	27.4
150	12.6	10.2	15.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.263 min Scan# 1560
 Delta R.T. -0.006 min
 Lab File: BF133003.D
 Acq: 24 Apr 2023 19:21

Tgt Ion	Resp	Lower	Upper
188	730853		
94	11.8	9.7	14.5
80	12.1	10.4	15.6

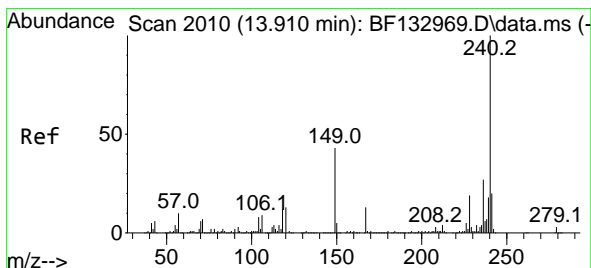
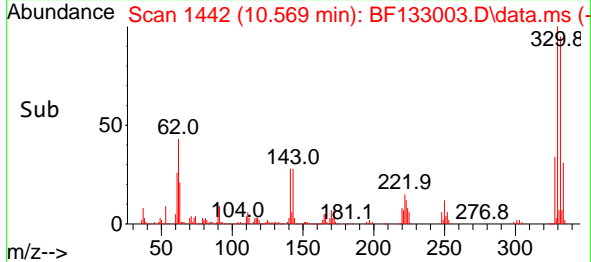
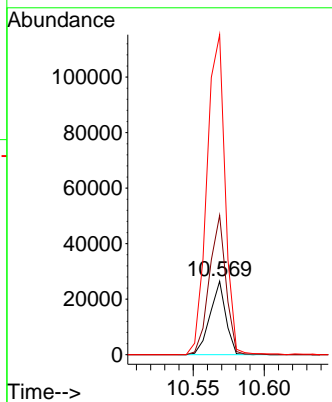
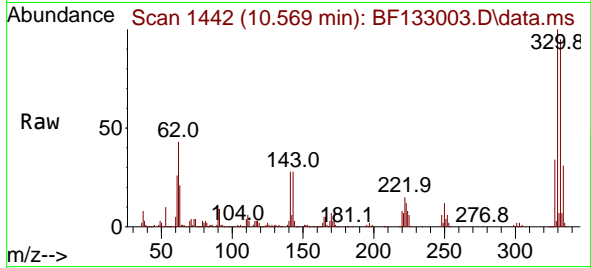




#67
 4-Bromophenyl-phenylether
 Concen: 2.606 ng
 RT: 10.569 min Scan# 14
 Delta R.T. -0.253 min
 Lab File: BF133003.D
 Acq: 24 Apr 2023 19:21

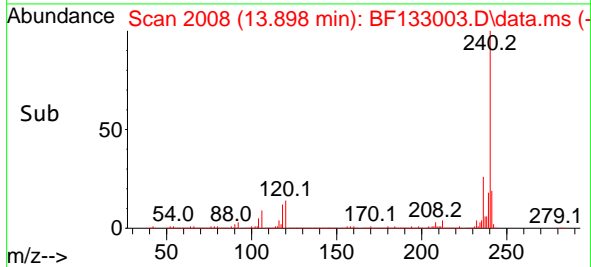
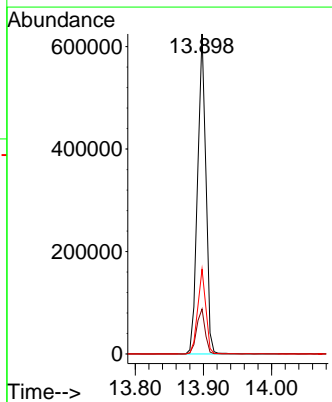
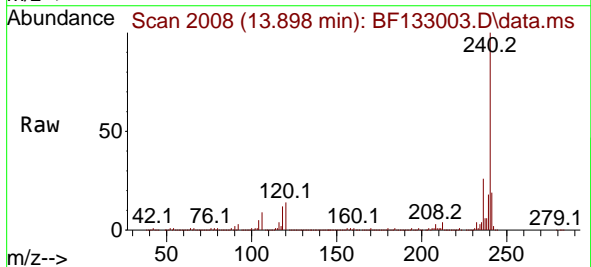
Instrument :
 BNA_F
 ClientSampleId :
 TWP-02RE

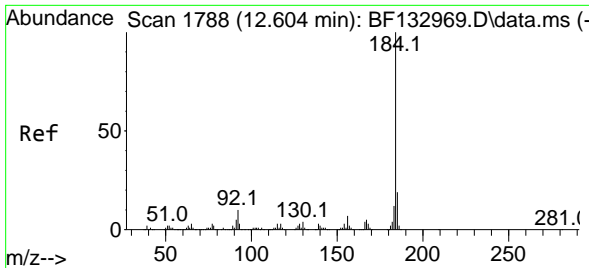
Tgt Ion:248 Resp: 20658
 Ion Ratio Lower Upper
 248 100
 250 189.9 78.7 118.1#
 141 436.0 56.3 84.5#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.898 min Scan# 2008
 Delta R.T. -0.012 min
 Lab File: BF133003.D
 Acq: 24 Apr 2023 19:21

Tgt Ion:240 Resp: 529066
 Ion Ratio Lower Upper
 240 100
 120 14.0 10.5 15.7
 236 26.5 21.5 32.3



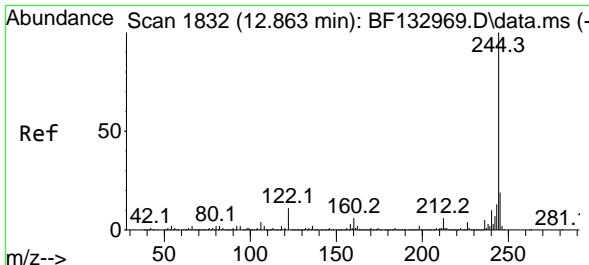
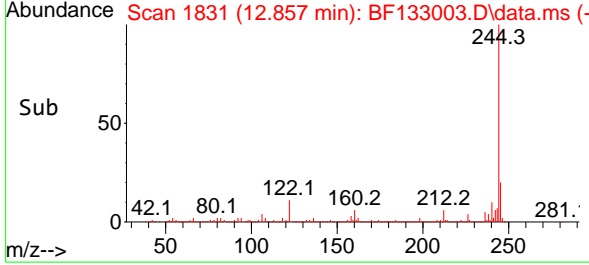
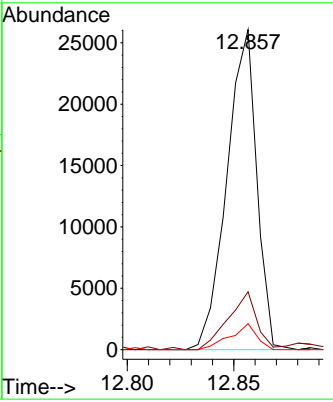
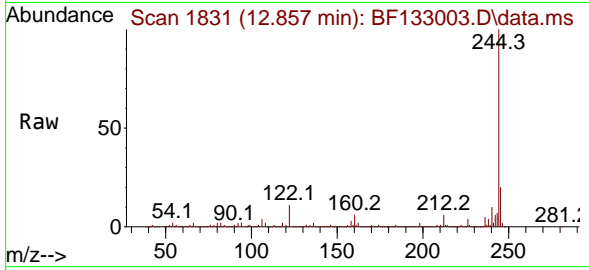


#77
 Benzidine
 Concen: 2.840 ng
 RT: 12.857 min Scan# 1831
 Delta R.T. 0.253 min
 Lab File: BF133003.D
 Acq: 24 Apr 2023 19:21

Instrument : BNA_F
 ClientSampleId : TWP-02RE

Tgt Ion:184 Resp: 25405

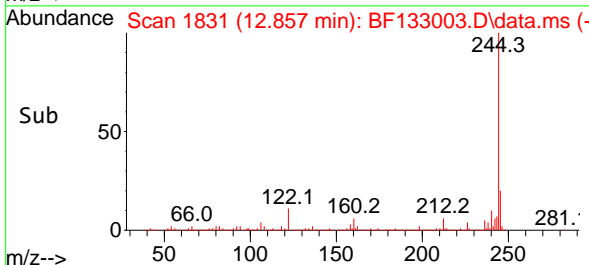
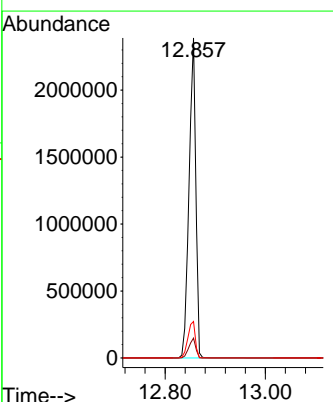
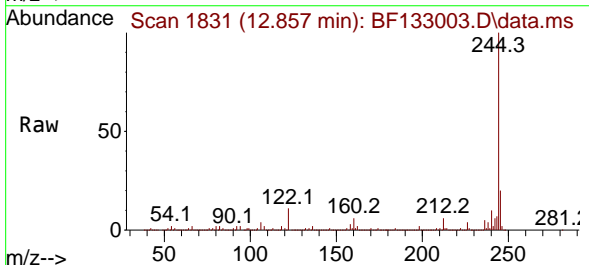
Ion	Ratio	Lower	Upper
184	100		
185	18.1	15.4	23.2
183	8.2	9.4	14.0

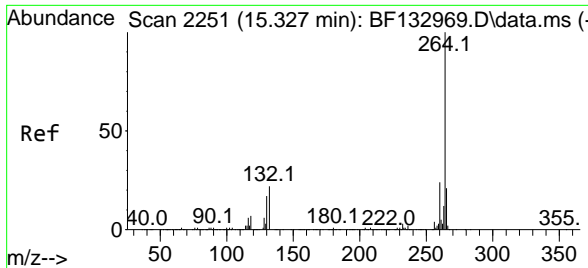


#79
 Terphenyl-d14
 Concen: 72.578 ng
 RT: 12.857 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF133003.D
 Acq: 24 Apr 2023 19:21

Tgt Ion:244 Resp: 2226438

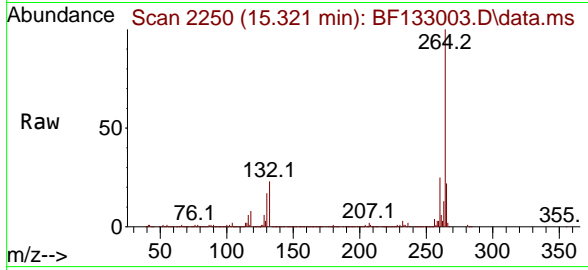
Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.1	7.7
122	11.4	8.6	13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.321 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF133003.D
 Acq: 24 Apr 2023 19:21

Instrument :
 BNA_F
 ClientSampleId :
 TWP-02RE



Tgt Ion:264 Resp: 429617

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	21.8	17.0	25.4

