

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133150.D
 Acq On : 01 May 2023 12:16
 Operator : CG\JU
 Sample : 02495-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-02

Quant Time: May 02 05:17:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

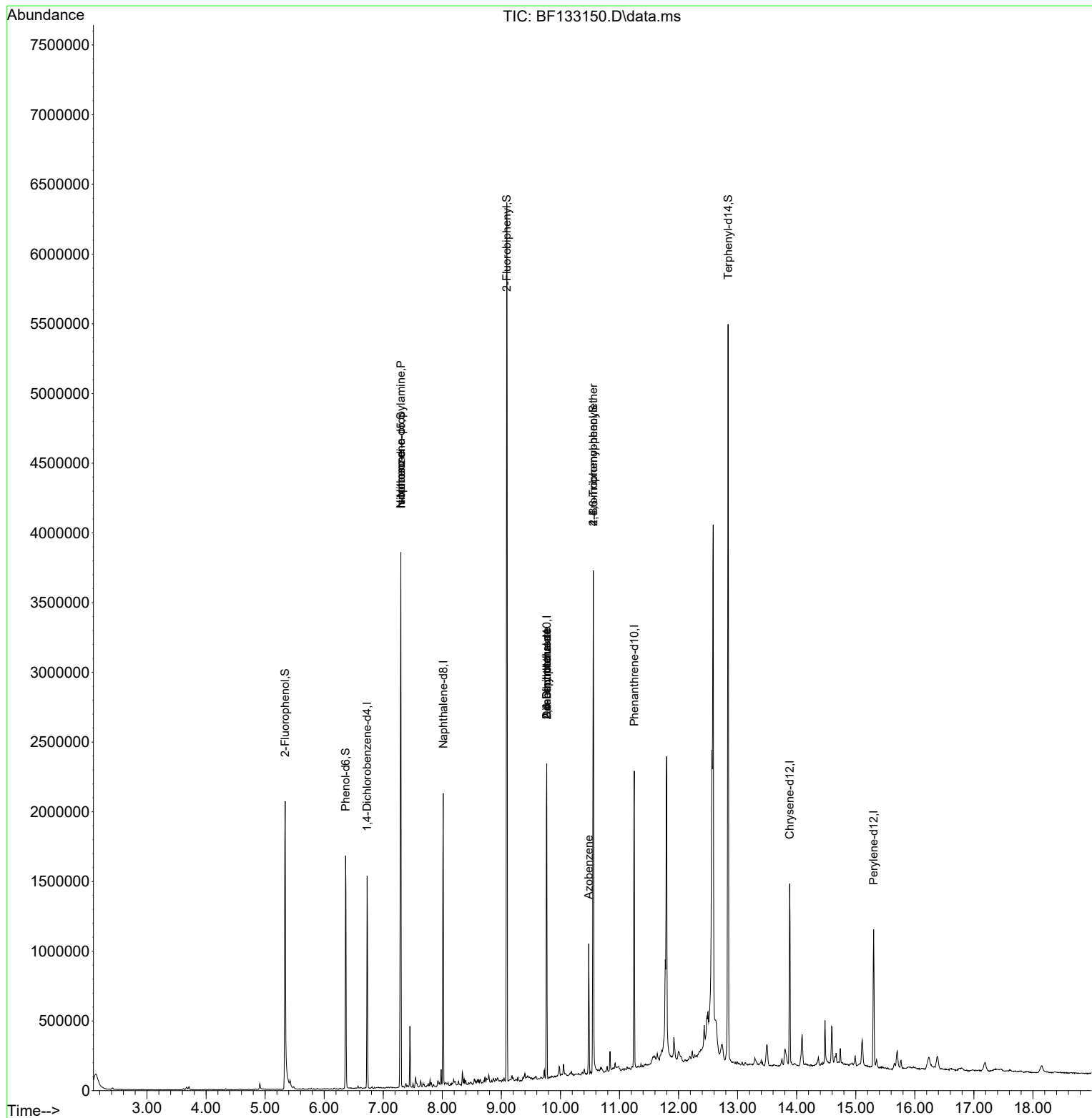
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	199149	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	806970	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	428900	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	765527	20.000	ng	0.00
76) Chrysene-d12	13.880	240	408531	20.000	ng	-0.01
86) Perylene-d12	15.304	264	406919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	725454	55.028	ng	0.00
7) Phenol-d6	6.363	99	530442	32.417	ng	-0.01
23) Nitrobenzene-d5	7.298	82	1187615	79.438	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	487556	113.033	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2001634	78.077	ng	0.00
79) Terphenyl-d14	12.839	244	1881106	79.413	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.275	77	1230	Below Cal	#	85
19) n-Nitroso-di-n-propyla...	7.298	70	156851	15.397	ng	# 77
25) Isophorone	7.298	82	1185926	41.779	ng	# 63
50) Dimethylphthalate	9.769	163	90143	3.014	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	56996	8.468	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	57114	6.653	ng	# 24
63) Azobenzene	10.480	77	145712	4.869	ng	# 1
67) 4-Bromophenyl-phenylether	10.557	248	30181	3.635	ng	# 1

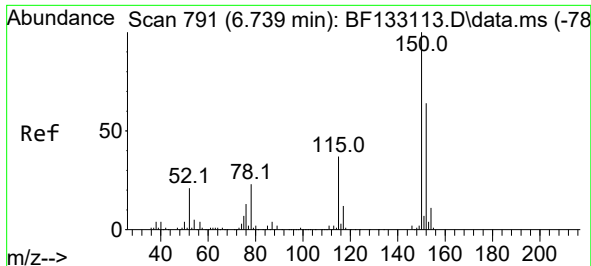
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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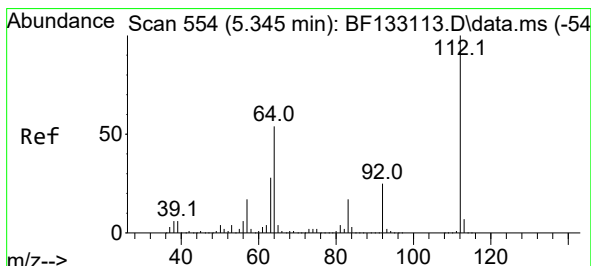
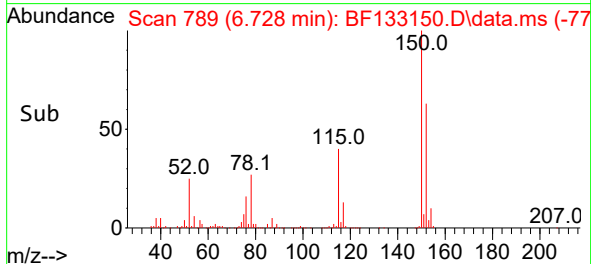
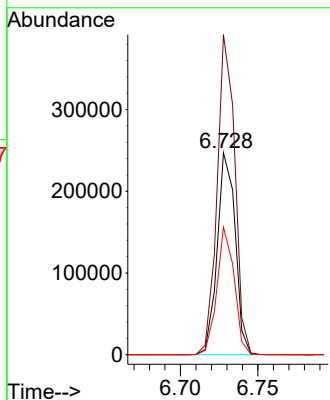
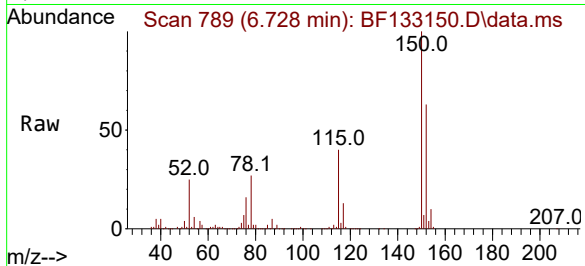




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF133150.D
Acq: 01 May 2023 12:16

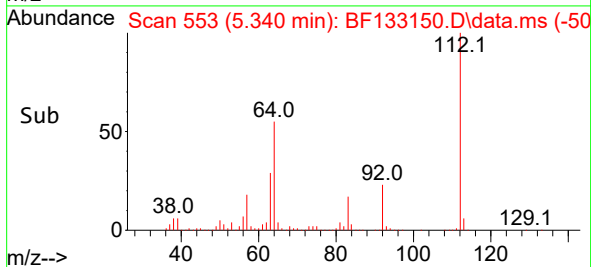
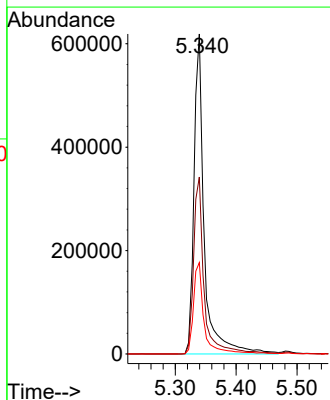
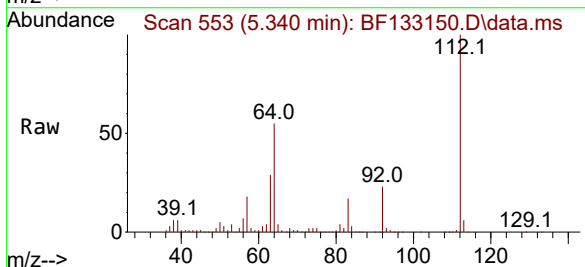
Instrument :
BNA_F
ClientSampleId :
PZ-02

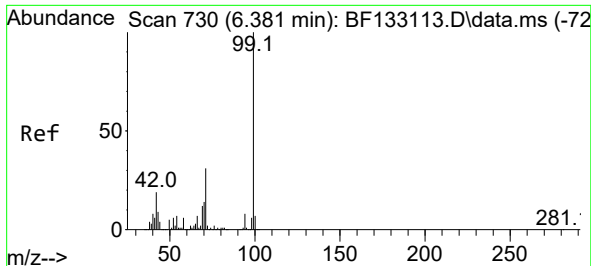
Tgt Ion:152 Resp: 199149
Ion Ratio Lower Upper
152 100
150 158.5 124.8 187.2
115 63.2 49.9 74.9



#5
2-Fluorophenol
Concen: 55.028 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133150.D
Acq: 01 May 2023 12:16

Tgt Ion:112 Resp: 725454
Ion Ratio Lower Upper
112 100
64 55.3 46.8 70.2
63 28.6 23.8 35.8

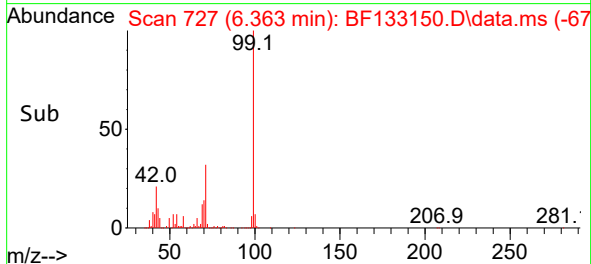
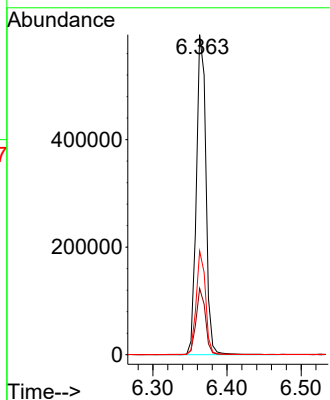
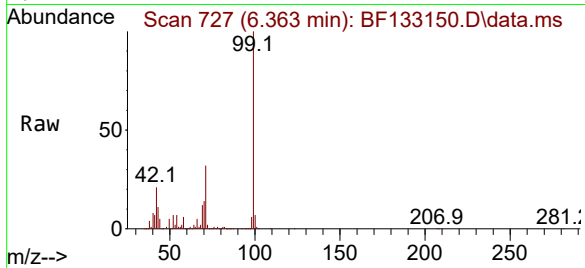




#7
Phenol-d6
Concen: 32.417 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133150.D
Acq: 01 May 2023 12:16

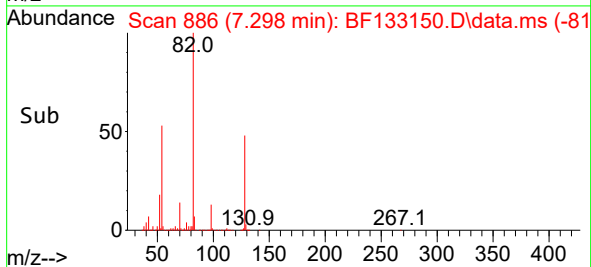
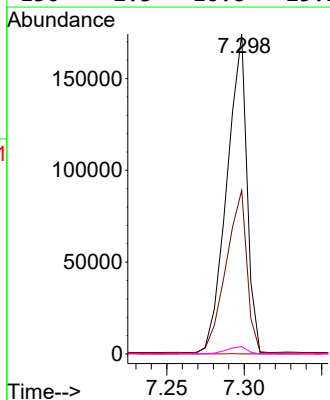
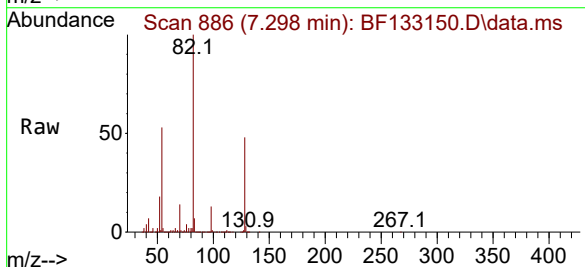
Instrument :
BNA_F
ClientSampleId :
PZ-02

Tgt Ion: 99 Resp: 530442
Ion Ratio Lower Upper
99 100
42 20.7 16.3 24.5
71 32.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.397 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133150.D
Acq: 01 May 2023 12:16

Tgt Ion: 70 Resp: 156851
Ion Ratio Lower Upper
70 100
42 51.1 51.8 77.6#
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#

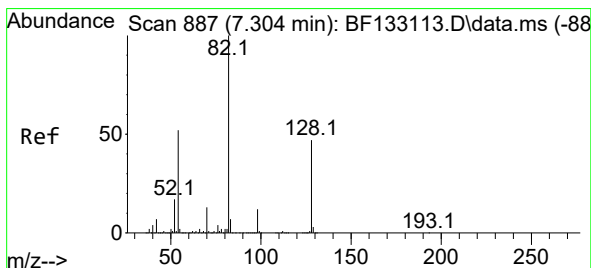
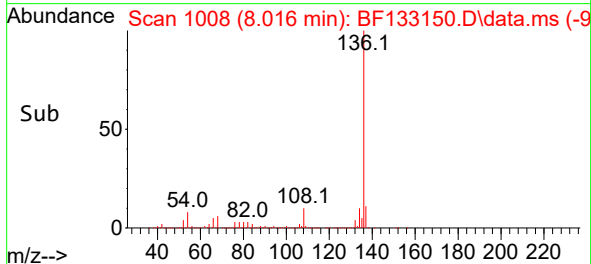
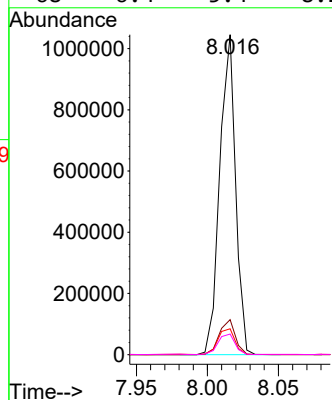
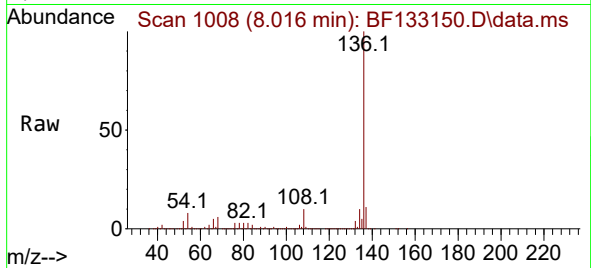




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF133150.D
Acq: 01 May 2023 12:16

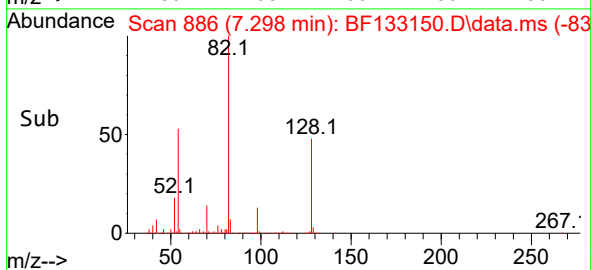
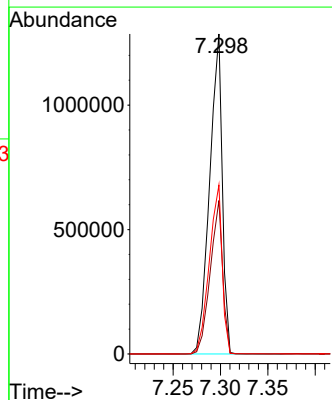
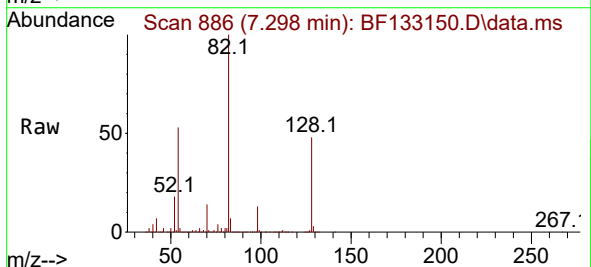
Instrument :
BNA_F
ClientSampleId :
PZ-02

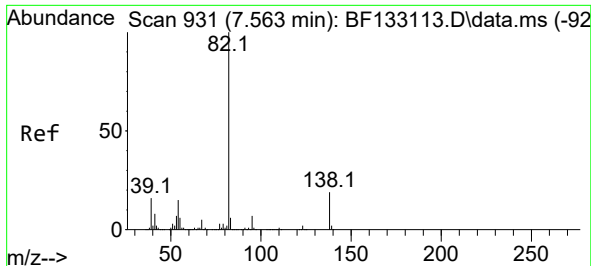
Tgt Ion:136 Resp: 806970
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.1 7.0 10.4
68 6.4 5.4 8.2



#23
Nitrobenzene-d5
Concen: 79.438 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133150.D
Acq: 01 May 2023 12:16

Tgt Ion: 82 Resp: 1187615
Ion Ratio Lower Upper
82 100
128 47.9 37.7 56.5
54 52.8 43.0 64.4

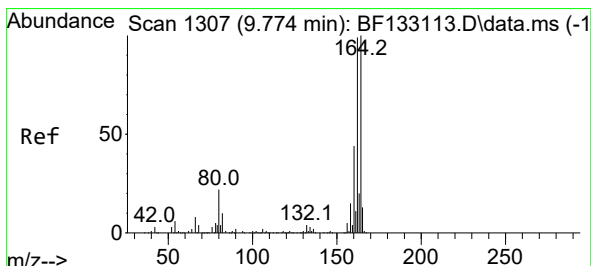
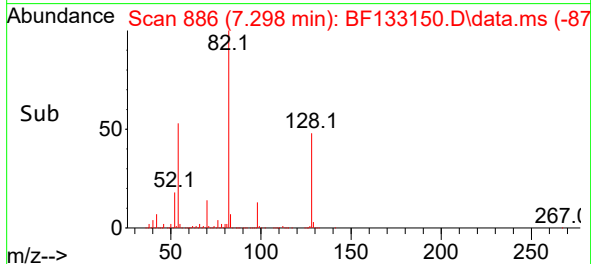
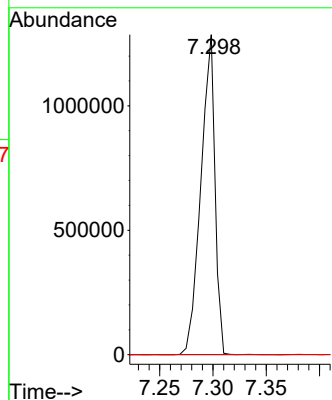
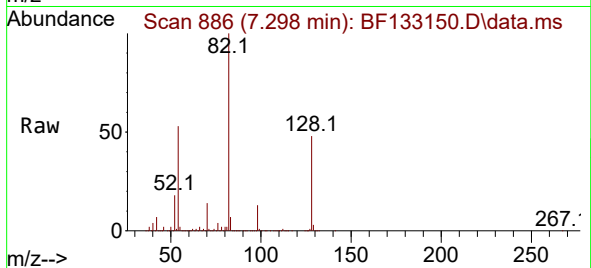




#25
Isophorone
Concen: 41.779 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133150.D
Acq: 01 May 2023 12:16

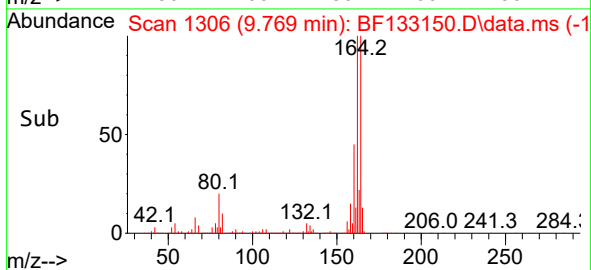
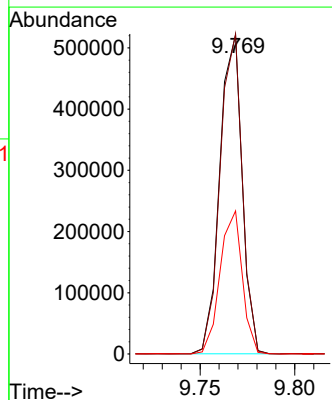
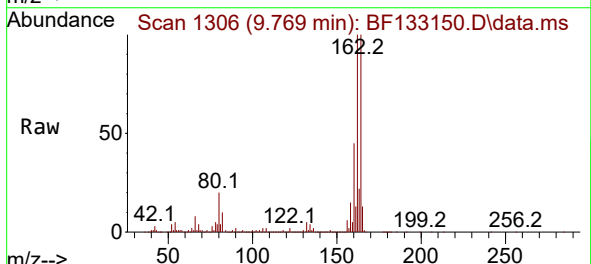
Instrument :
BNA_F
ClientSampleId :
PZ-02

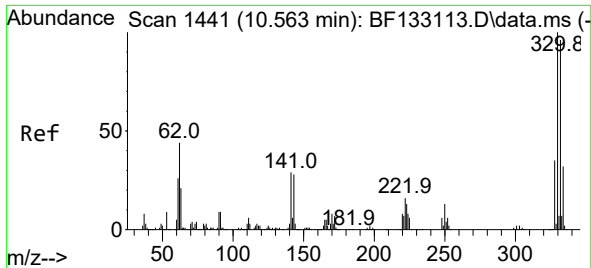
Tgt Ion: 82 Resp: 1185926
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF133150.D
Acq: 01 May 2023 12:16

Tgt Ion:164 Resp: 428900
Ion Ratio Lower Upper
164 100
162 100.3 78.7 118.1
160 44.8 35.8 53.6

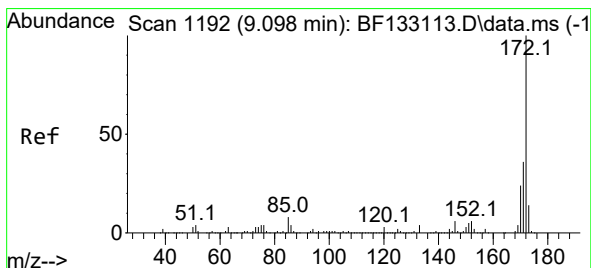
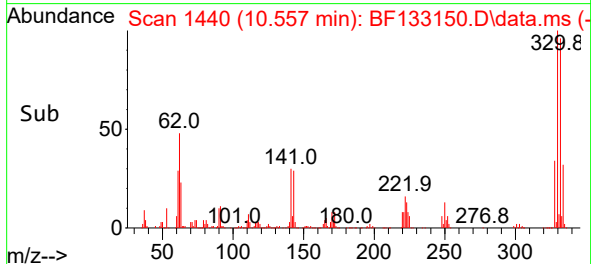
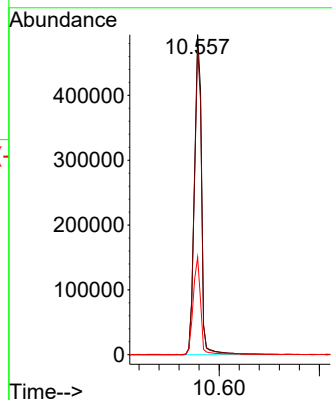
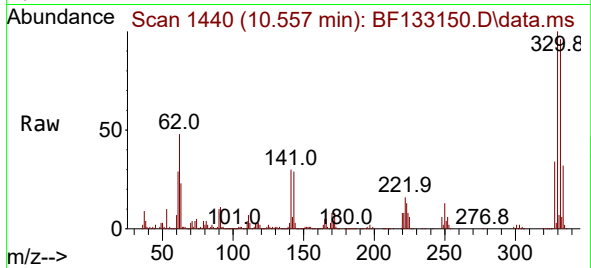




#42
2,4,6-Tribromophenol
Concen: 113.033 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF133150.D
Acq: 01 May 2023 12:16

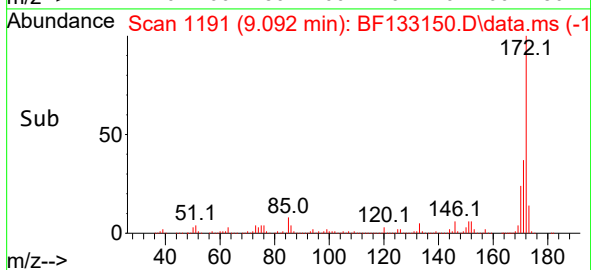
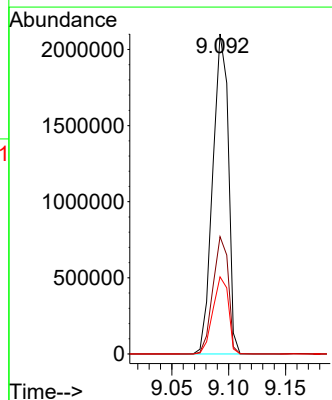
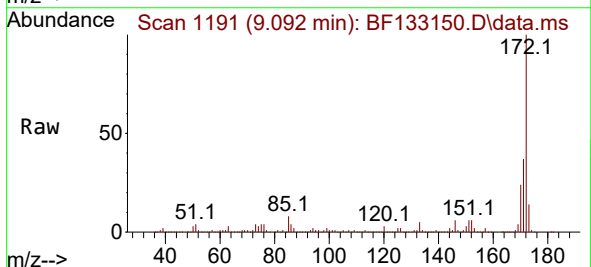
Instrument :
BNA_F
ClientSampleId :
PZ-02

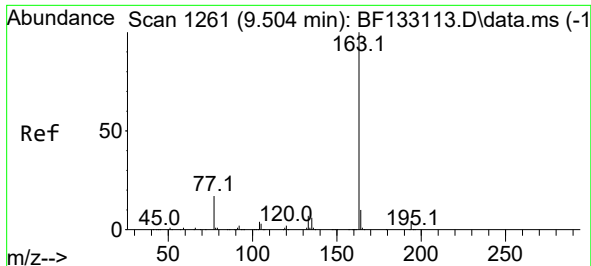
Tgt Ion:330 Resp: 487556
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 31.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 78.077 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133150.D
Acq: 01 May 2023 12:16

Tgt Ion:172 Resp: 2001634
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 24.1 19.4 29.2

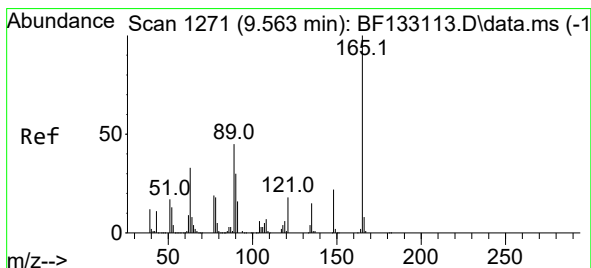
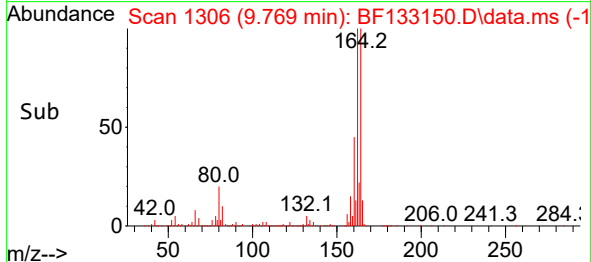
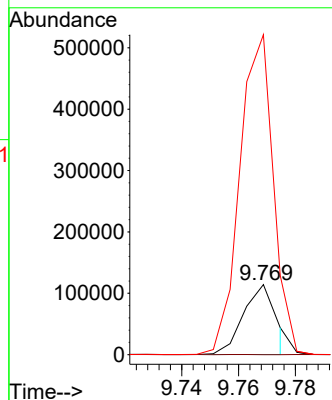
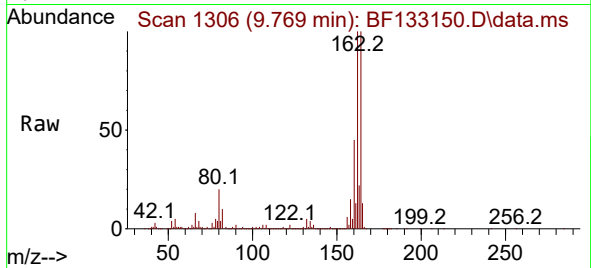




#50
Dimethylphthalate
Concen: 3.014 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.271 min
Lab File: BF133150.D
Acq: 01 May 2023 12:16

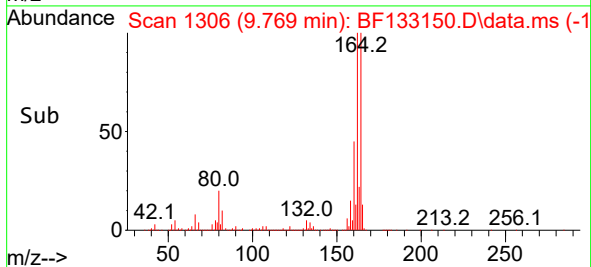
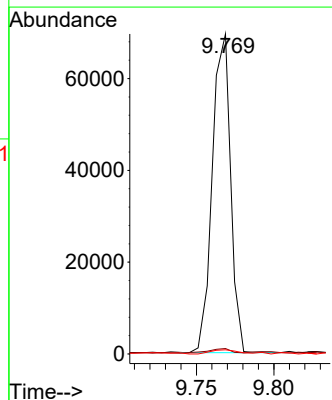
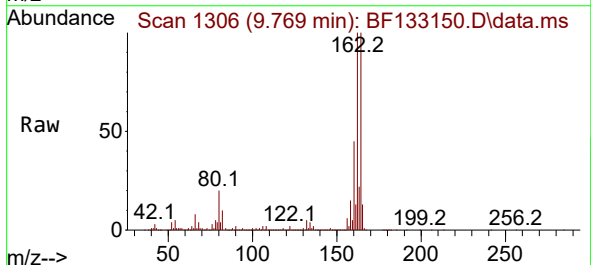
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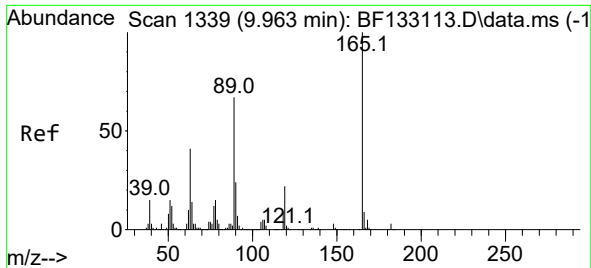
Tgt Ion:163 Resp: 90143
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 456.9 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.468 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.212 min
Lab File: BF133150.D
Acq: 01 May 2023 12:16

Tgt Ion:165 Resp: 56996
Ion Ratio Lower Upper
165 100
63 1.7 45.9 68.9#
89 1.3 44.0 66.0#

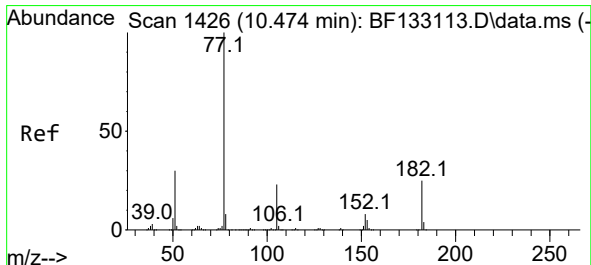
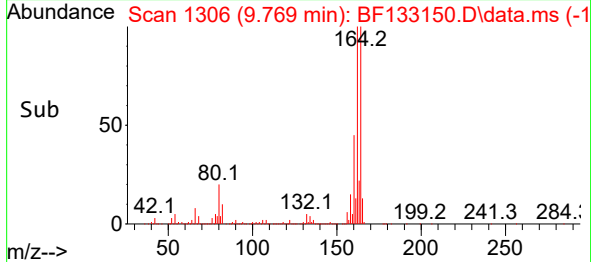
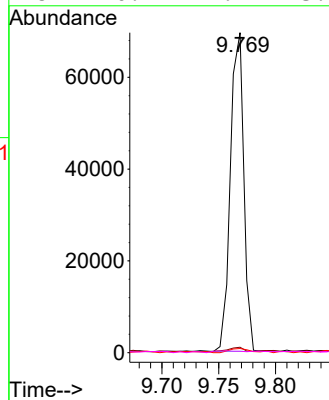
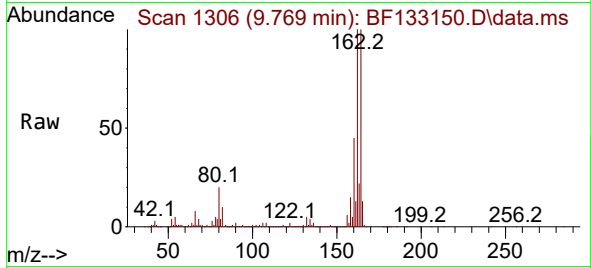




#57
2,4-Dinitrotoluene
Concen: 6.653 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133150.D
Acq: 01 May 2023 12:16

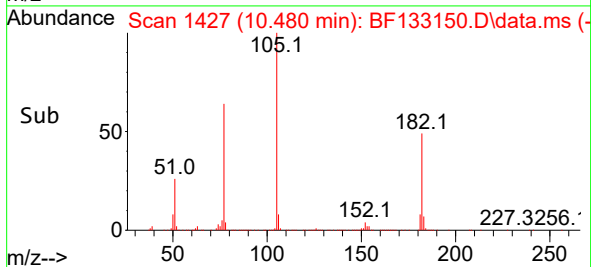
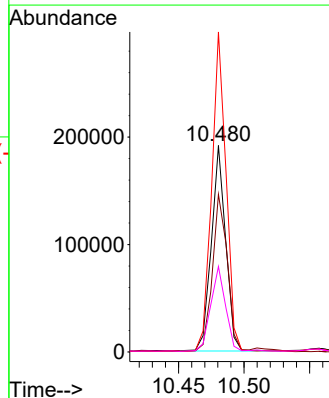
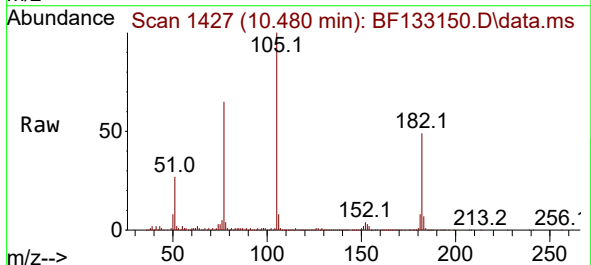
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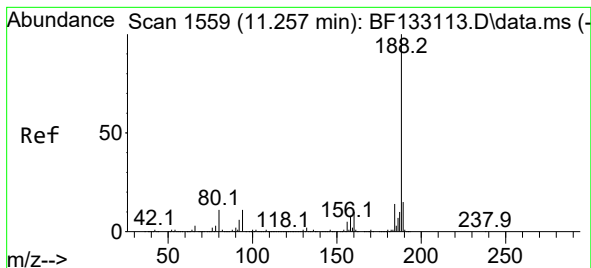
Tgt Ion:165 Resp: 57114
Ion Ratio Lower Upper
165 100
63 1.7 37.7 56.5#
89 1.3 57.0 85.4#
182 0.4 2.1 3.1#



#63
Azobenzene
Concen: 4.869 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF133150.D
Acq: 01 May 2023 12:16

Tgt Ion: 77 Resp: 145712
Ion Ratio Lower Upper
77 100
182 76.4 5.9 45.9#
105 155.0 2.3 42.3#
51 41.4 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133150.D

Acq: 01 May 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PZ-02

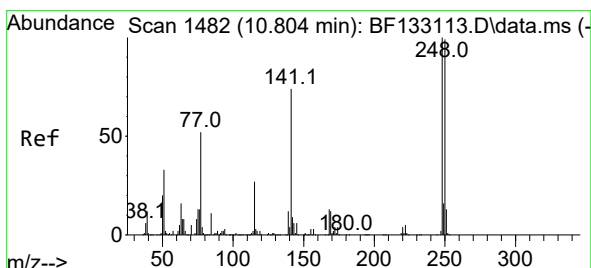
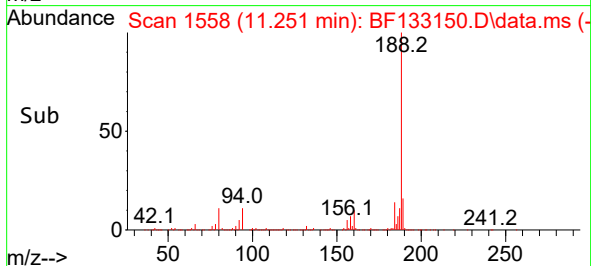
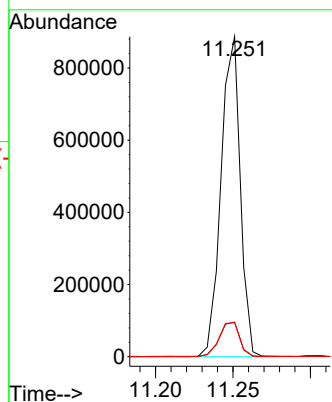
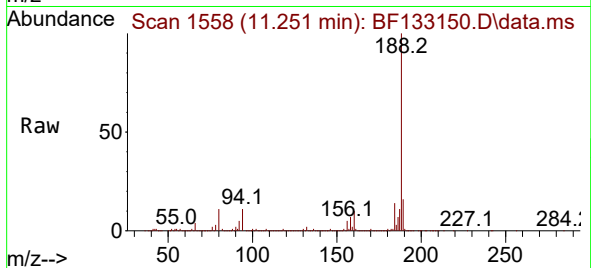
Tgt Ion:188 Resp: 765527

Ion Ratio Lower Upper

188 100

94 10.8 9.7 14.5

80 10.6 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 3.635 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.247 min

Lab File: BF133150.D

Acq: 01 May 2023 12:16

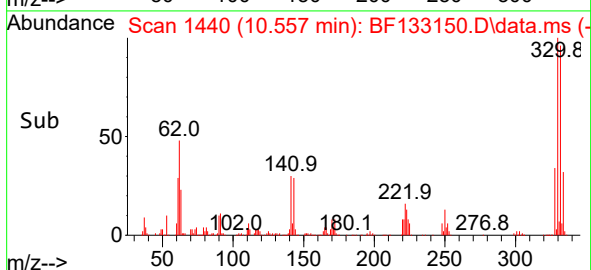
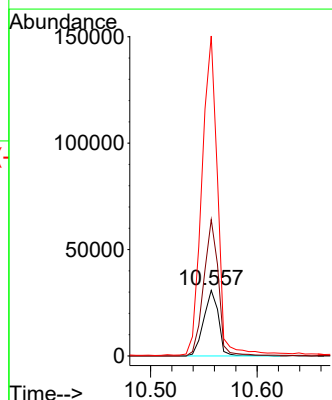
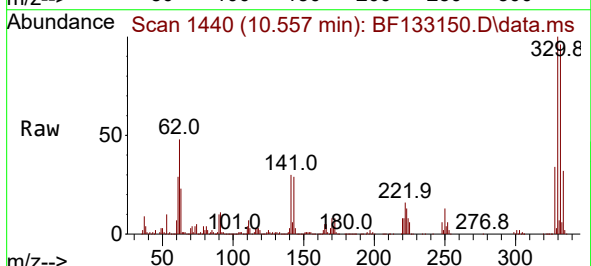
Tgt Ion:248 Resp: 30181

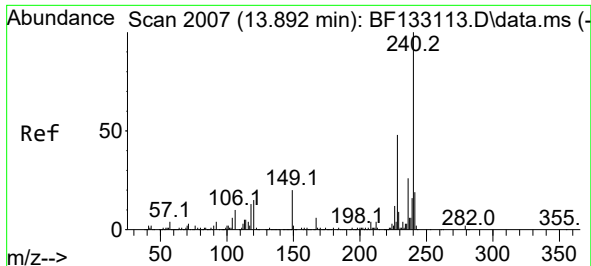
Ion Ratio Lower Upper

248 100

250 207.5 78.7 118.1#

141 487.2 56.3 84.5#

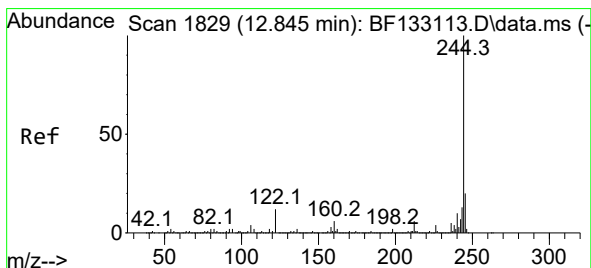
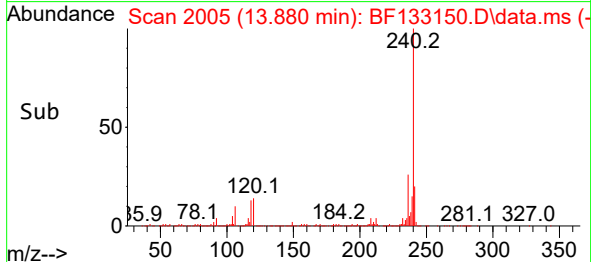
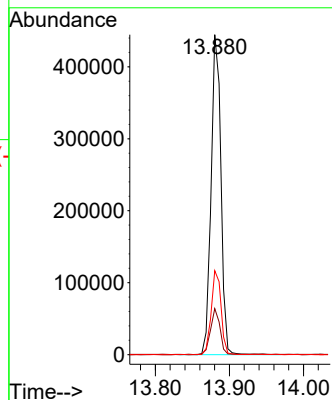
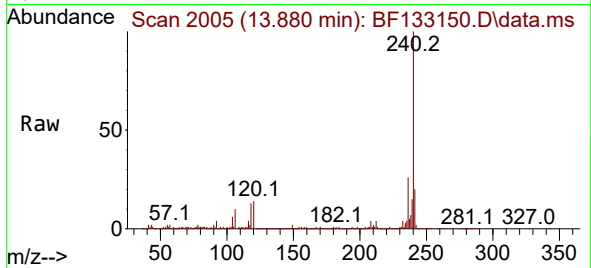




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF133150.D
Acq: 01 May 2023 12:16

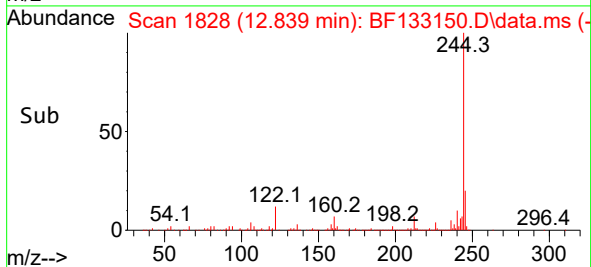
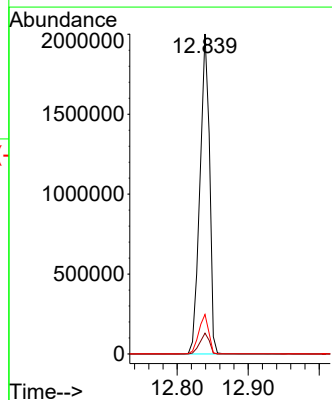
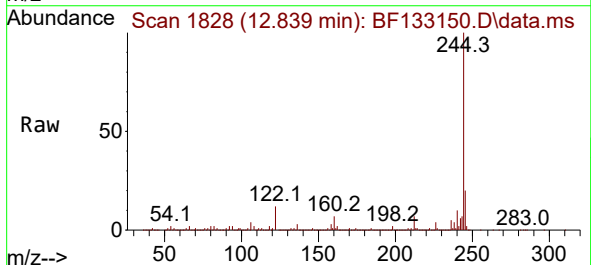
Instrument :
BNA_F
ClientSampleId :
PZ-02

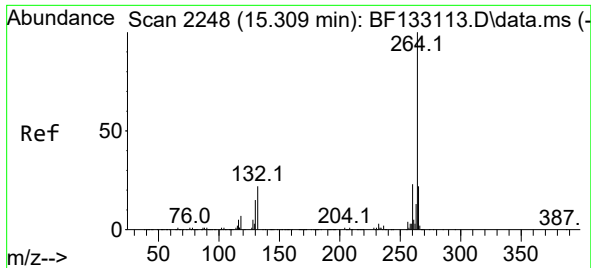
Tgt Ion:240 Resp: 408531
Ion Ratio Lower Upper
240 100
120 14.4 10.5 15.7
236 26.3 21.5 32.3



#79
Terphenyl-d14
Concen: 79.413 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF133150.D
Acq: 01 May 2023 12:16

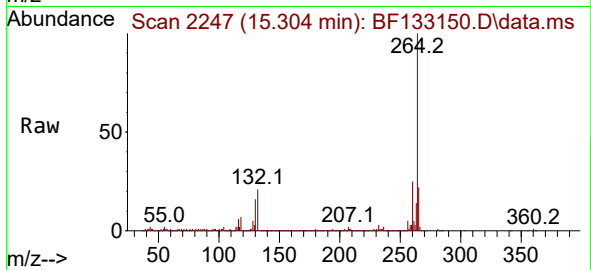
Tgt Ion:244 Resp: 1881106
Ion Ratio Lower Upper
244 100
212 6.5 5.1 7.7
122 12.4 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133150.D
Acq: 01 May 2023 12:16

Instrument :
BNA_F
ClientSampleId :
PZ-02



Tgt Ion:264 Resp: 406919

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.8	28.2
265	21.8	17.0	25.4

