

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133130.D
 Acq On : 28 Apr 2023 19:53
 Operator : CG\JU
 Sample : 02503-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-305A-COMP-01

Quant Time: May 01 03:08:02 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 03:03:04 2023
 Response via : Initial Calibration

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

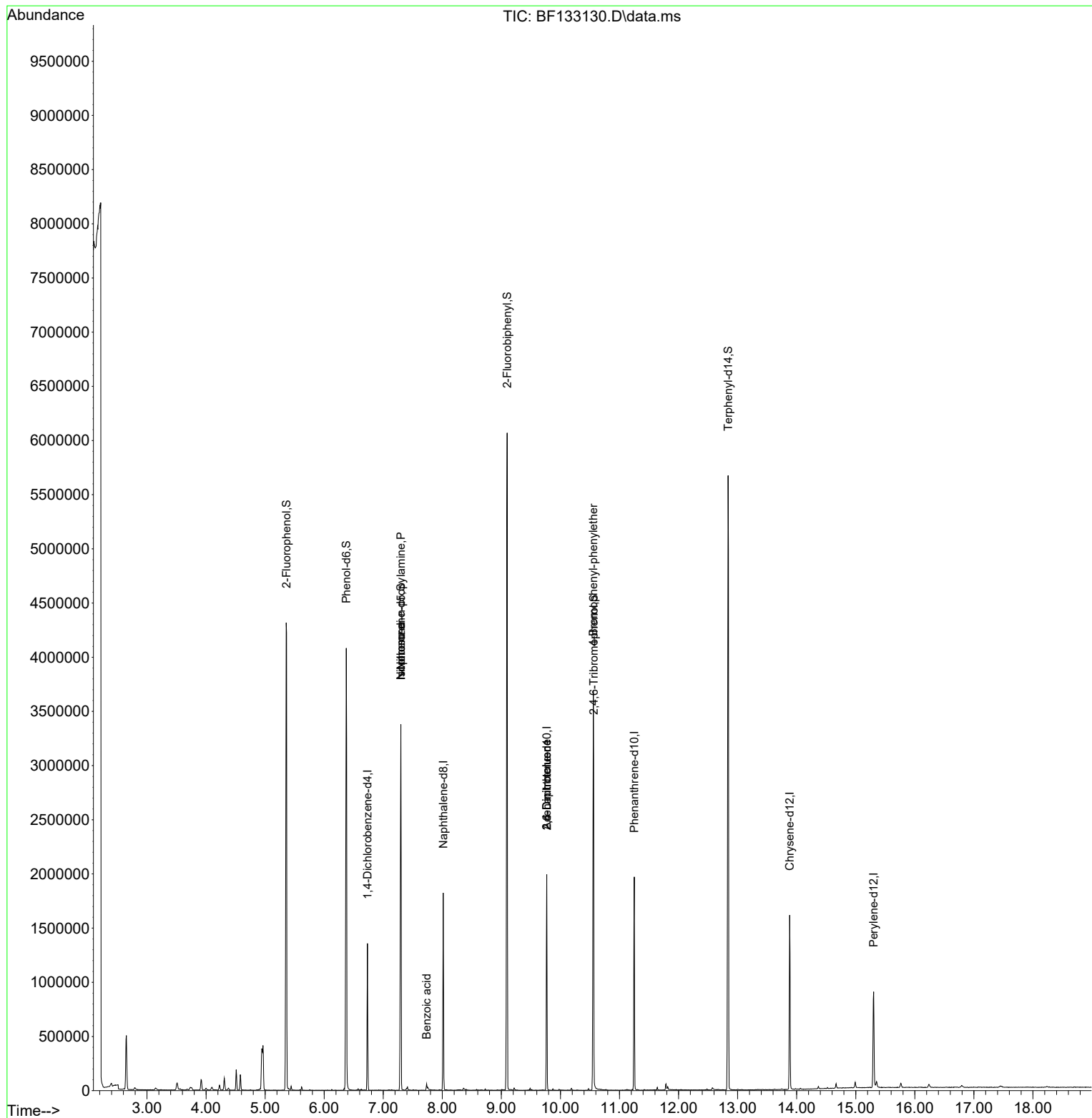
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	175137	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	708170	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	368132	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	669428	20.000	ng	0.00
76) Chrysene-d12	13.880	240	500201	20.000	ng	-0.01
86) Perylene-d12	15.304	264	398793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1448507	124.938	ng	0.02
7) Phenol-d6	6.375	99	1645363	114.338	ng	0.00
23) Nitrobenzene-d5	7.298	82	1132884	86.349	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	535138	144.543	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1979149	89.944	ng	0.00
79) Terphenyl-d14	12.839	244	2367496	81.630	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.275	77	138	Below Cal	#	49
19) n-Nitroso-di-n-propyla...	7.298	70	147837	16.502	ng	# 75
25) Isophorone	7.298	82	1131386	45.419	ng	# 63
32) Benzoic acid	7.734	122	15026	2.212	ng	90
51) 2,6-Dinitrotoluene	9.769	165	47583	8.236	ng	# 24
57) 2,4-Dinitrotoluene	9.769	165	47583	6.458	ng	# 23
67) 4-Bromophenyl-phenylether	10.557	248	33045	4.551	ng	# 1

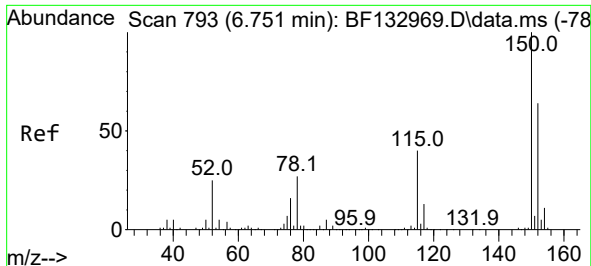
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 01 03:03:04 2023
Response via : Initial Calibration

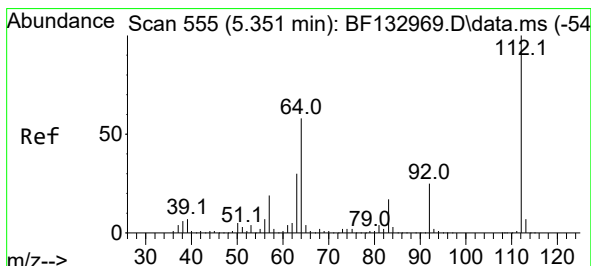
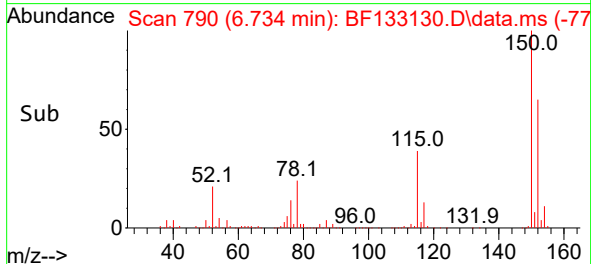
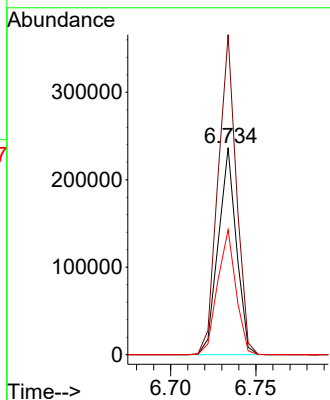
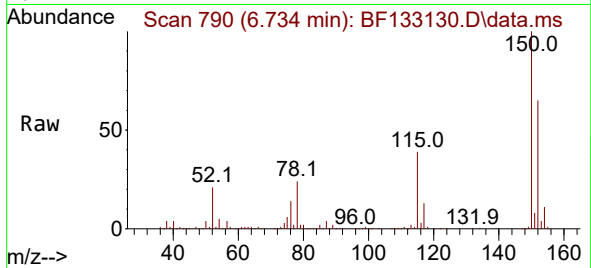




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133130.D
Acq: 28 Apr 2023 19:53

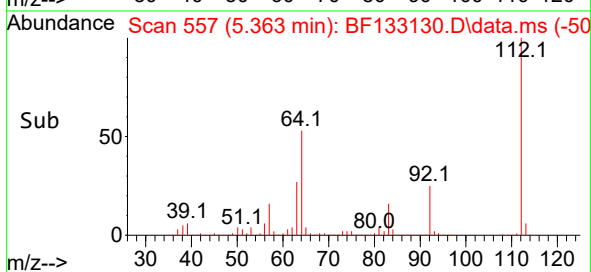
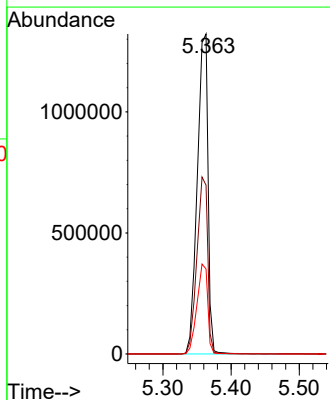
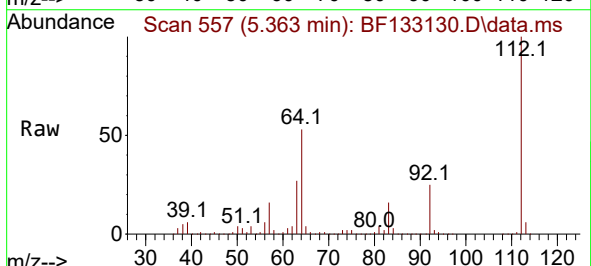
Instrument :
BNA_F
ClientSampleId :
TR-305A-COMP-01

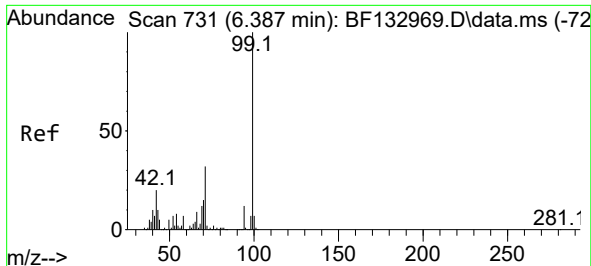
Tgt Ion:152 Resp: 175137
Ion Ratio Lower Upper
152 100
150 154.6 124.8 187.2
115 60.4 49.9 74.9



#5
2-Fluorophenol
Concen: 124.938 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.024 min
Lab File: BF133130.D
Acq: 28 Apr 2023 19:53

Tgt Ion:112 Resp: 1448507
Ion Ratio Lower Upper
112 100
64 52.8 46.8 70.2
63 26.6 23.8 35.8

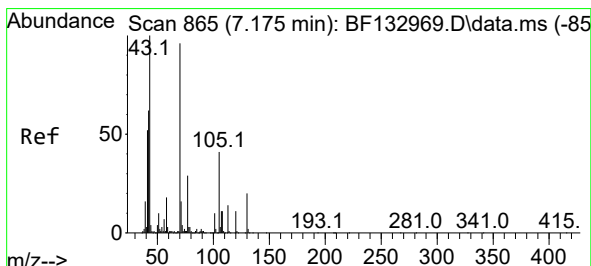
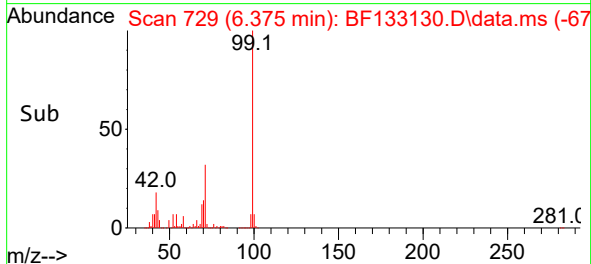
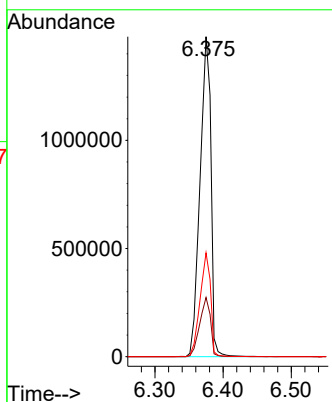
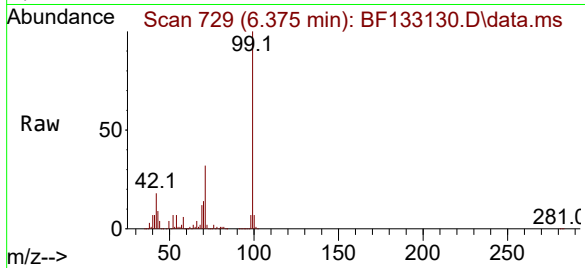




#7
Phenol-d6
Concen: 114.338 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133130.D
Acq: 28 Apr 2023 19:53

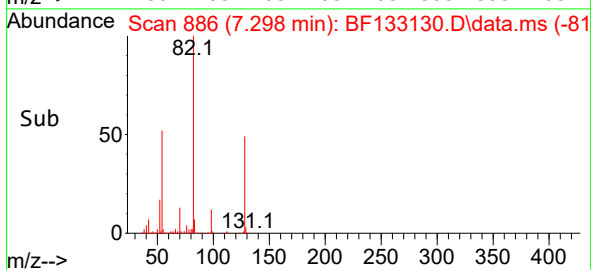
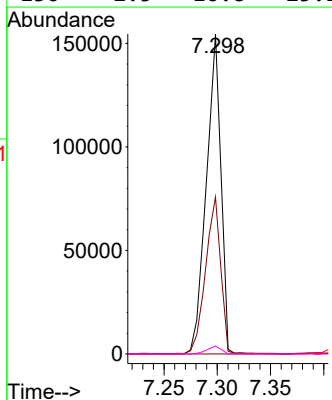
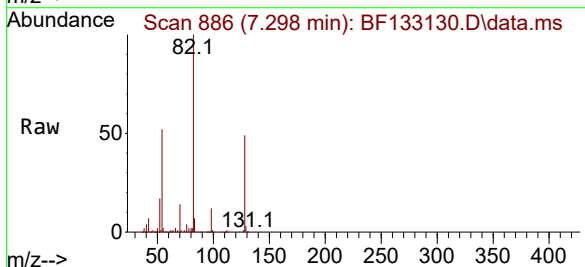
Instrument :
BNA_F
ClientSampleId :
TR-305A-COMP-01

Tgt Ion: 99 Resp: 1645363
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 32.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.502 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133130.D
Acq: 28 Apr 2023 19:53

Tgt Ion: 70 Resp: 147837
Ion Ratio Lower Upper
70 100
42 49.1 51.8 77.6#
101 0.0 8.0 12.0#
130 2.5 16.8 25.2#

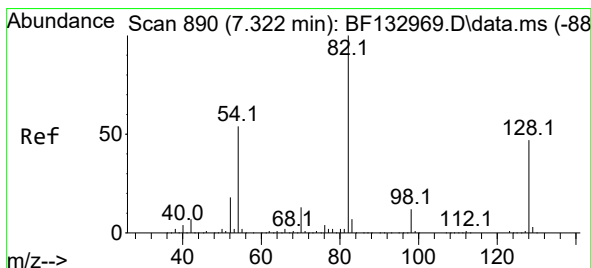
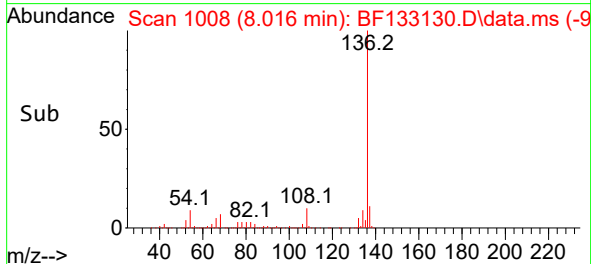
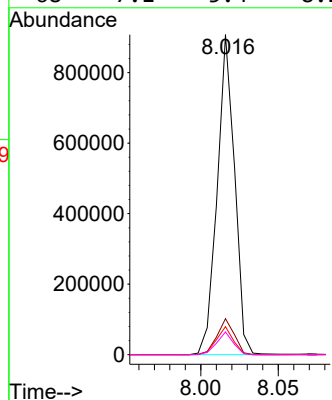
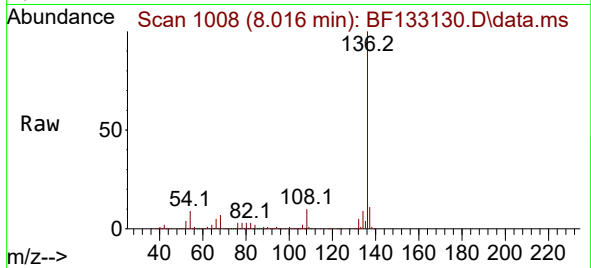




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133130.D
Acq: 28 Apr 2023 19:53

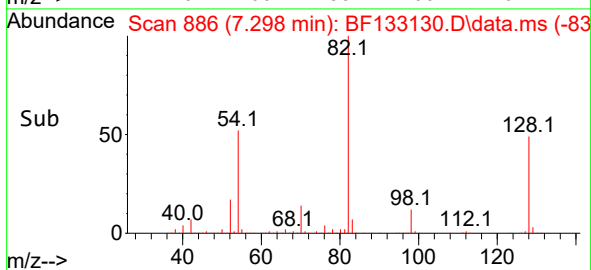
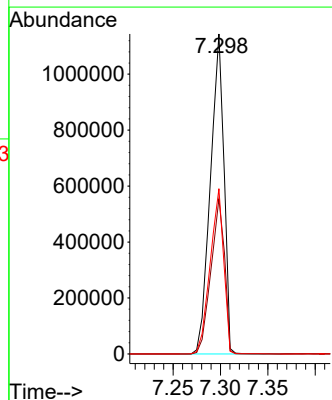
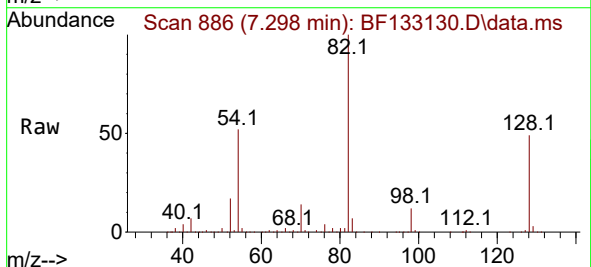
Instrument :
BNA_F
ClientSampleId :
TR-305A-COMP-01

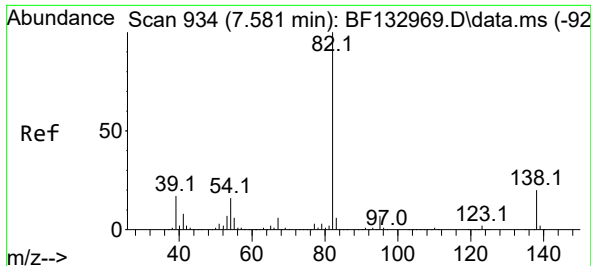
Tgt Ion:136 Resp: 708170
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.8 7.0 10.4
68 7.1 5.4 8.2



#23
Nitrobenzene-d5
Concen: 86.349 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133130.D
Acq: 28 Apr 2023 19:53

Tgt Ion: 82 Resp: 1132884
Ion Ratio Lower Upper
82 100
128 48.5 37.7 56.5
54 51.7 43.0 64.4

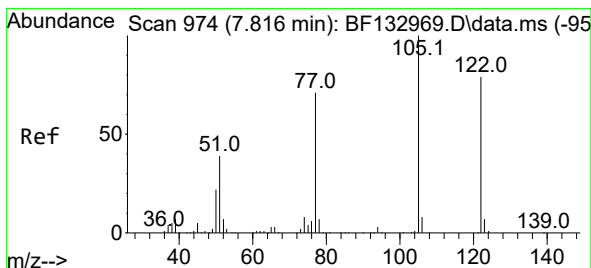
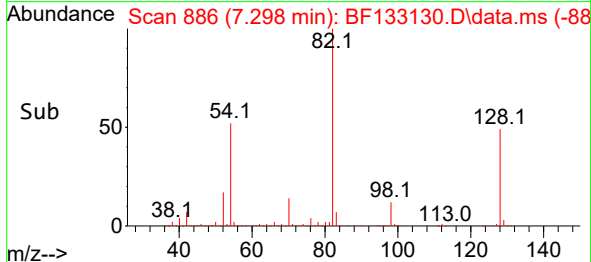
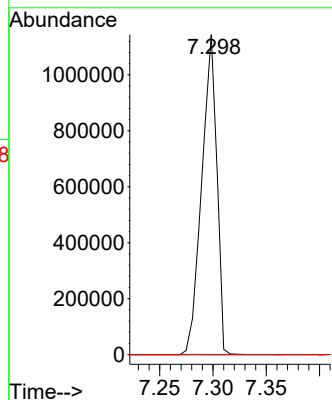
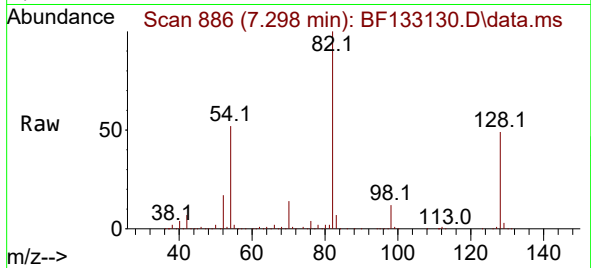




#25
Isophorone
Concen: 45.419 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133130.D
Acq: 28 Apr 2023 19:53

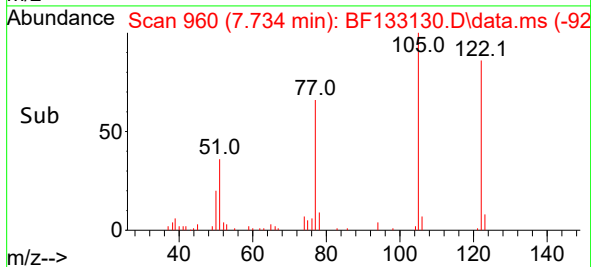
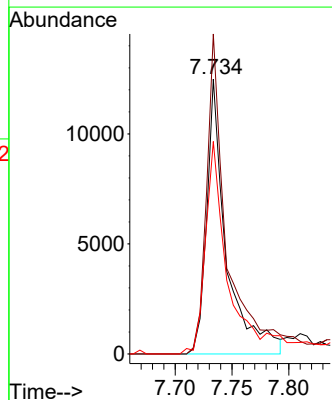
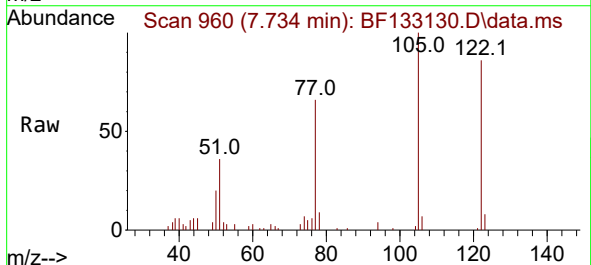
Instrument :
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ClientSampleId :
TR-305A-COMP-01

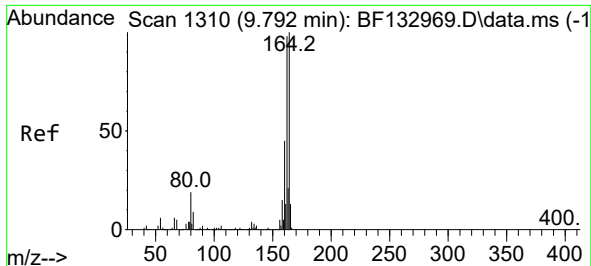
Tgt Ion: 82 Resp: 1131386
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#32
Benzoic acid
Concen: 2.212 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.065 min
Lab File: BF133130.D
Acq: 28 Apr 2023 19:53

Tgt Ion:122 Resp: 15026
Ion Ratio Lower Upper
122 100
105 116.4 104.2 144.2
77 77.3 69.7 109.7

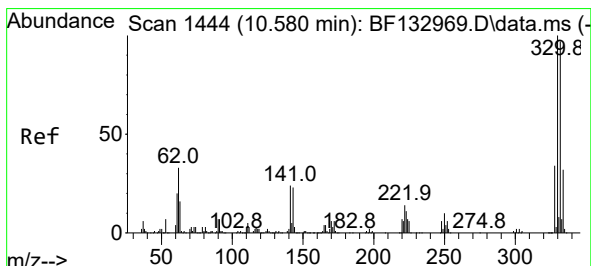
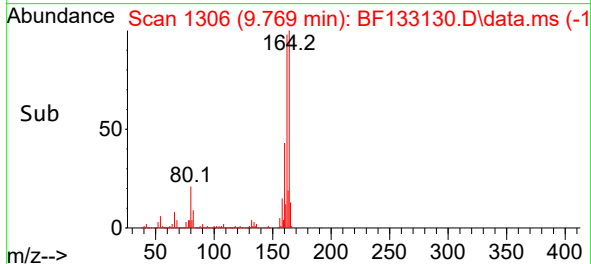
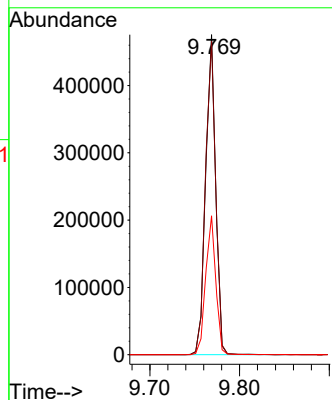
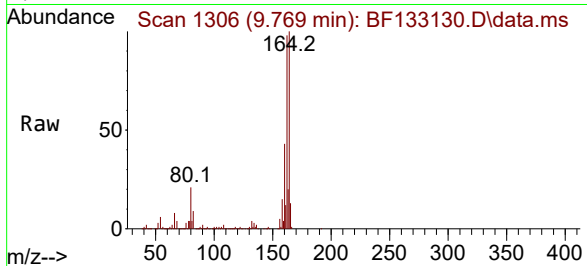




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133130.D
Acq: 28 Apr 2023 19:53

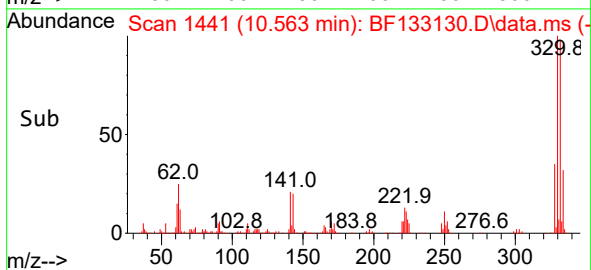
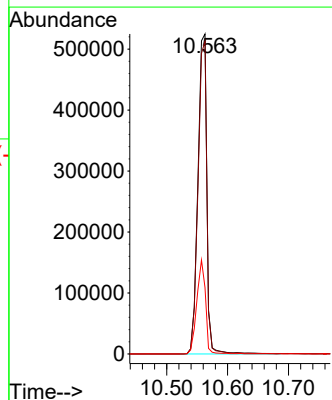
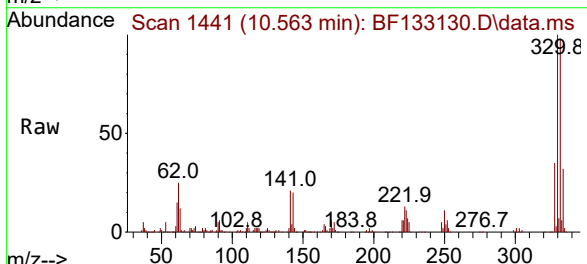
Instrument :
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ClientSampleId :
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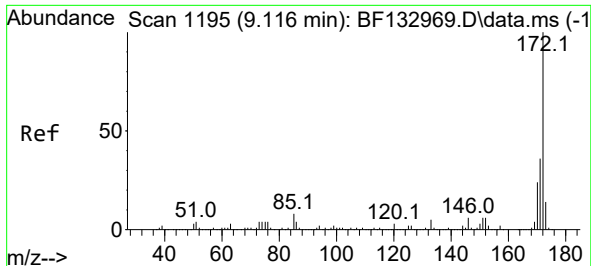
Tgt Ion:164 Resp: 368132
Ion Ratio Lower Upper
164 100
162 97.9 78.7 118.1
160 43.4 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 144.543 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133130.D
Acq: 28 Apr 2023 19:53

Tgt Ion:330 Resp: 535138
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 28.7 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 89.944 ng

RT: 9.098 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF133130.D

Acq: 28 Apr 2023 19:53

Instrument :

BNA_F

ClientSampleId :

TR-305A-COMP-01

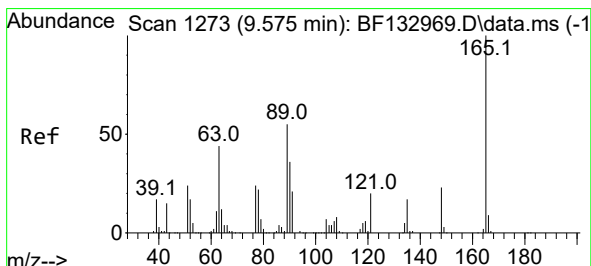
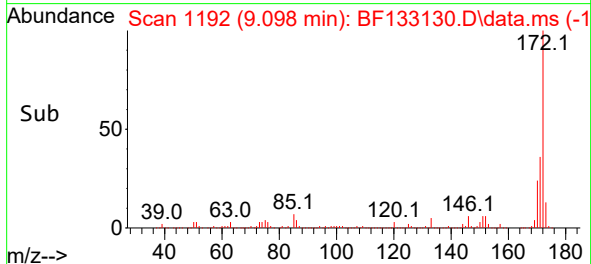
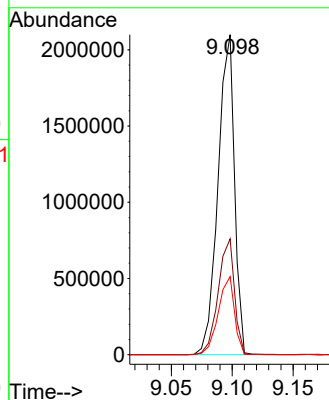
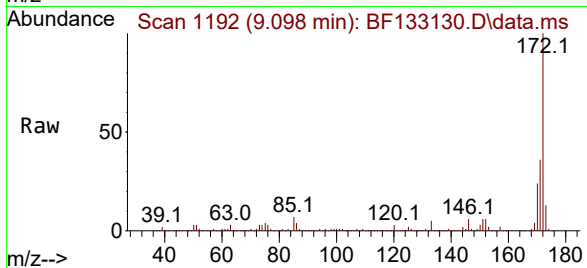
Tgt Ion:172 Resp: 1979149

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.4 19.4 29.2



#51

2,6-Dinitrotoluene

Concen: 8.236 ng

RT: 9.769 min Scan# 1306

Delta R.T. 0.212 min

Lab File: BF133130.D

Acq: 28 Apr 2023 19:53

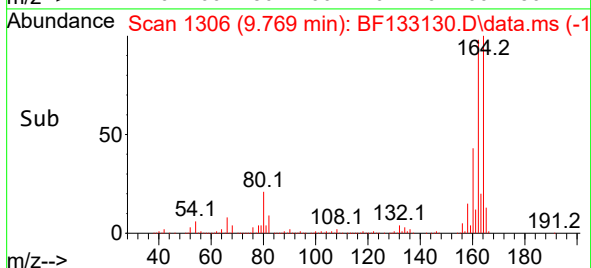
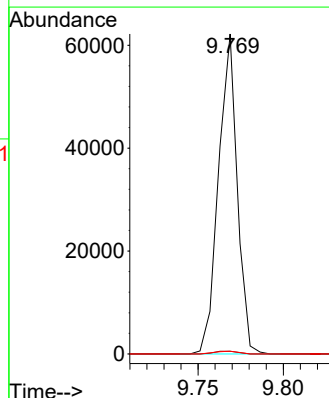
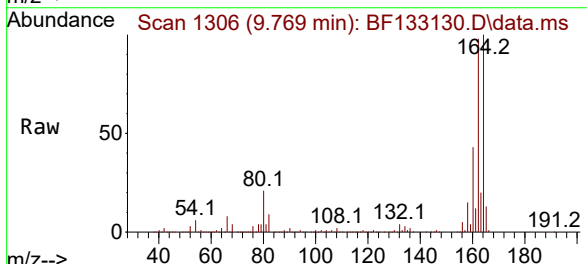
Tgt Ion:165 Resp: 47583

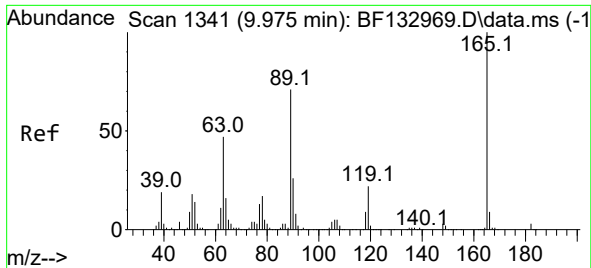
Ion Ratio Lower Upper

165 100

63 0.9 45.9 68.9#

89 0.8 44.0 66.0#

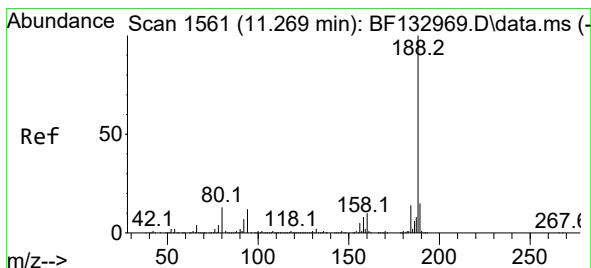
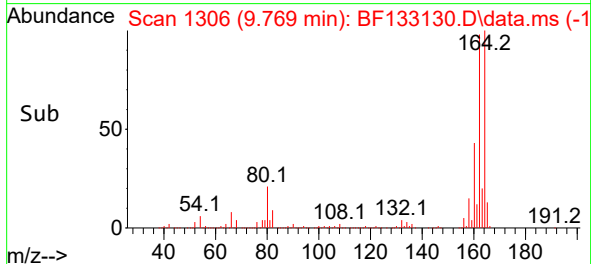
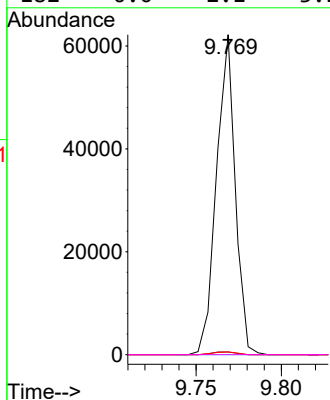
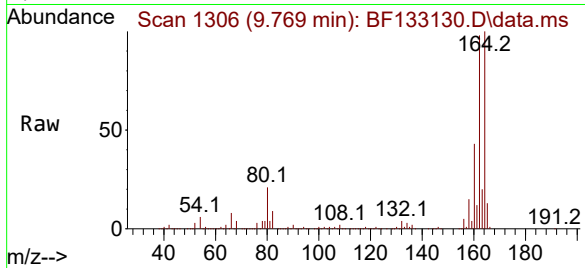




#57
2,4-Dinitrotoluene
Concen: 6.458 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133130.D
Acq: 28 Apr 2023 19:53

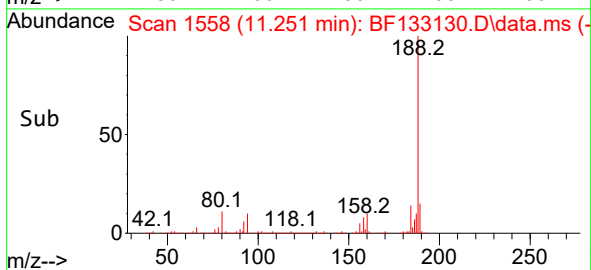
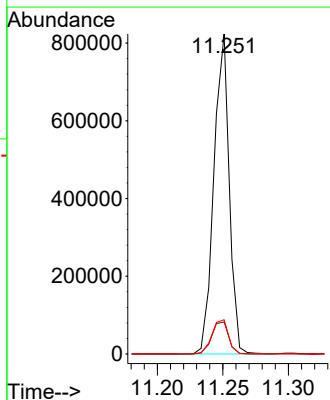
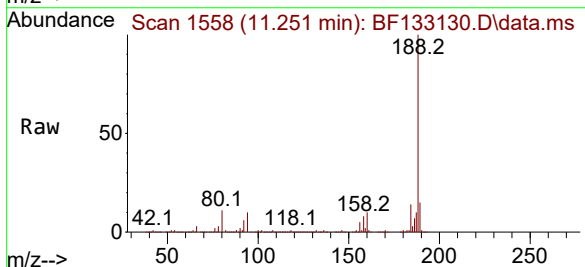
Instrument :
BNA_F
ClientSampleId :
TR-305A-COMP-01

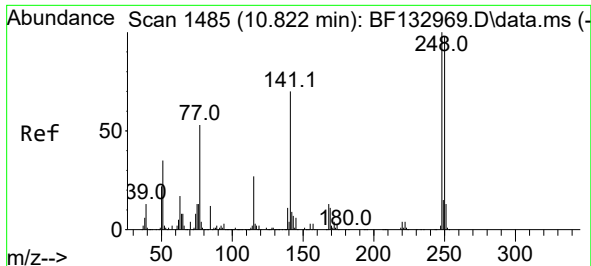
Tgt Ion:165 Resp: 47583
Ion Ratio Lower Upper
165 100
63 0.9 37.7 56.5#
89 0.8 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BF133130.D
Acq: 28 Apr 2023 19:53

Tgt Ion:188 Resp: 669428
Ion Ratio Lower Upper
188 100
94 10.0 9.7 14.5
80 10.7 10.4 15.6

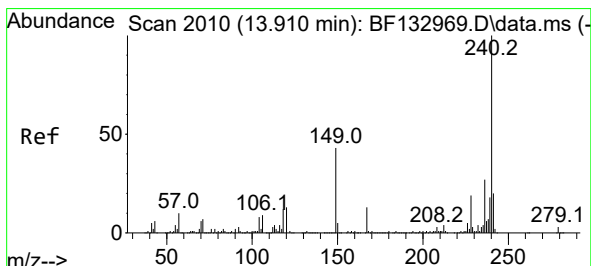
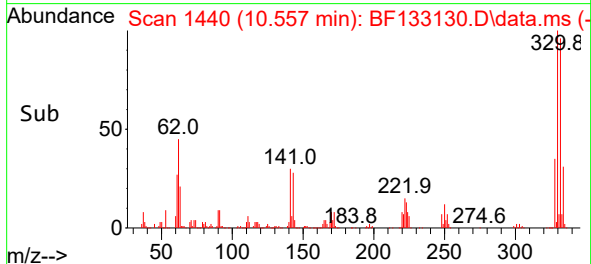
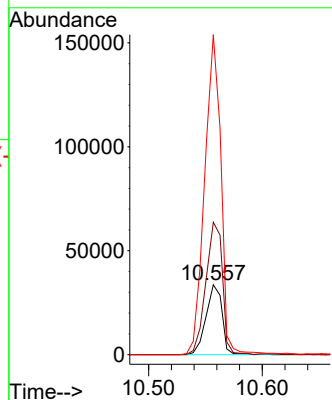
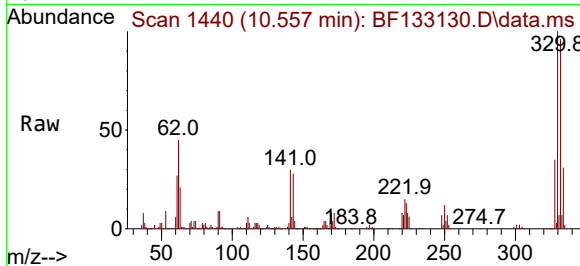




#67
4-Bromophenyl-phenylether
Concen: 4.551 ng
RT: 10.557 min Scan# 1485
Delta R.T. -0.247 min
Lab File: BF133130.D
Acq: 28 Apr 2023 19:53

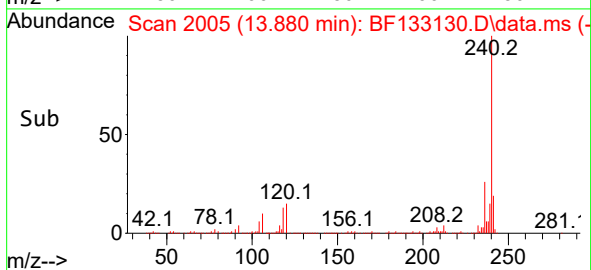
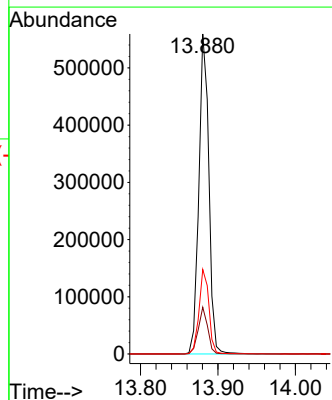
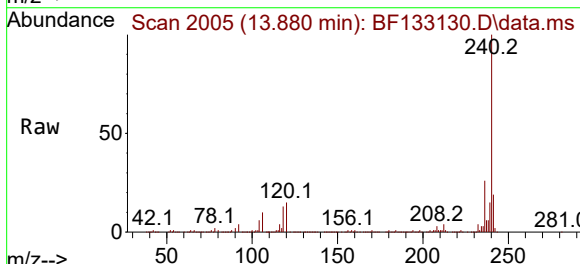
Instrument :
BNA_F
ClientSampleId :
TR-305A-COMP-01

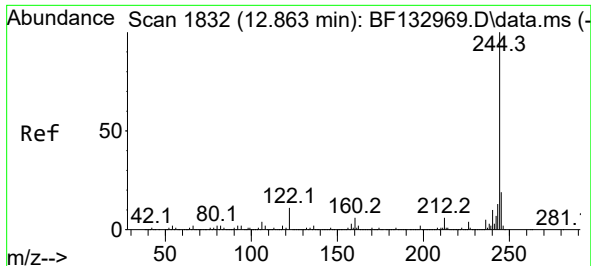
Tgt Ion:248 Resp: 33045
Ion Ratio Lower Upper
248 100
250 189.2 78.7 118.1#
141 457.1 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133130.D
Acq: 28 Apr 2023 19:53

Tgt Ion:240 Resp: 500201
Ion Ratio Lower Upper
240 100
120 14.6 10.5 15.7
236 26.4 21.5 32.3

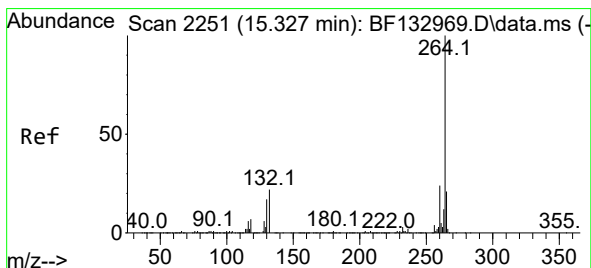
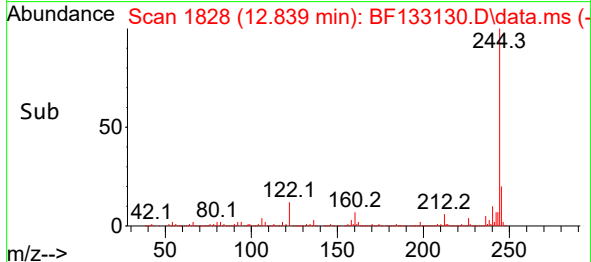
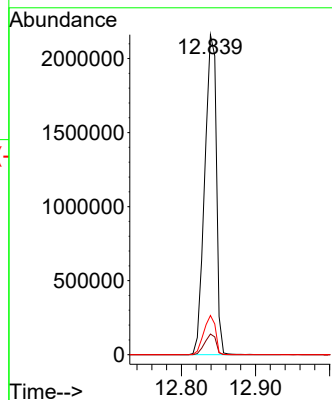
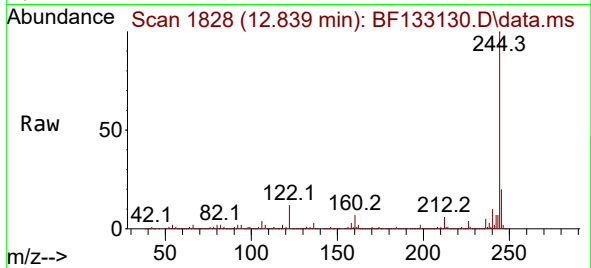




#79
 Terphenyl-d14
 Concen: 81.630 ng
 RT: 12.839 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133130.D
 Acq: 28 Apr 2023 19:53

Instrument :
 BNA_F
 ClientSampleId :
 TR-305A-COMP-01

Tgt Ion:244 Resp: 2367496
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 12.2 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. -0.006 min
 Lab File: BF133130.D
 Acq: 28 Apr 2023 19:53

Tgt Ion:264 Resp: 398793
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.9 17.0 25.4

