

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137633.D
 Acq On : 18 Mar 2024 16:06
 Operator : CG\JU
 Sample : P1774-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP9

Quant Time: Mar 18 16:29:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

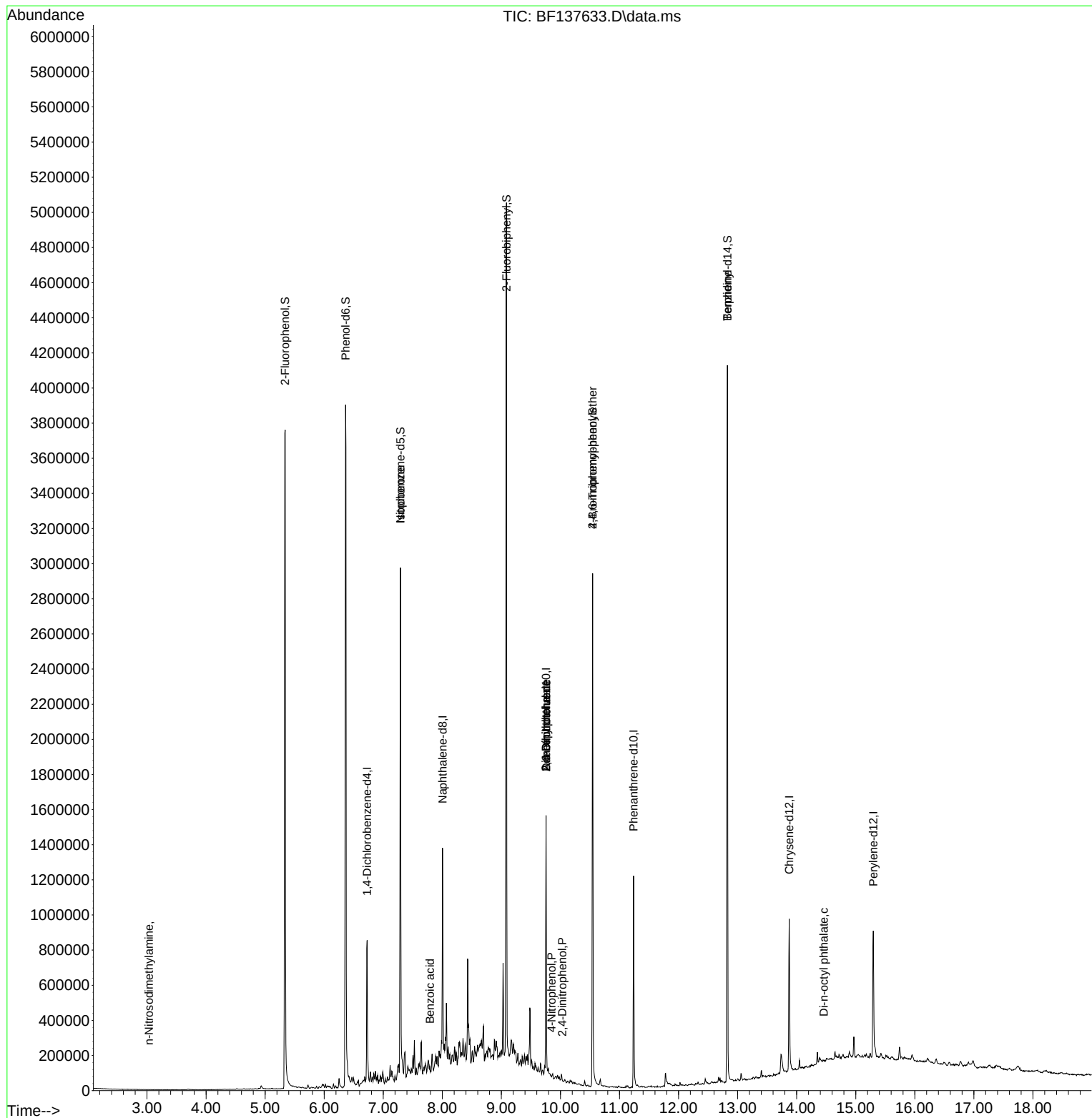
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	134667	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	509830	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	278381	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	419712	20.000	ng	0.00
76) Chrysene-d12	13.874	240	309505	20.000	ng	0.00
86) Perylene-d12	15.298	264	332851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	1209574	136.035	ng	0.00
7) Phenol-d6	6.363	99	1666444	129.838	ng	0.00
23) Nitrobenzene-d5	7.292	82	959540	87.449	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	337012	137.856	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1619449	91.063	ng	0.00
79) Terphenyl-d14	12.827	244	1448505	64.356	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.034	42	53	3.819	ng	# 1
25) Isophorone	7.292	82	959540	46.030	ng	# 70
32) Benzoic acid	7.792	122	1215	6.523	ng	# 23
50) Dimethylphthalate	9.757	163	43230	2.231	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	34806	8.587	ng	# 21
54) 2,4-Dinitrophenol	10.033	184	210	8.320	ng	# 19
56) 4-Nitrophenol	9.851	139	741	4.756	ng	# 1
57) 2,4-Dinitrotoluene	9.757	165	34901	7.009	ng	# 22
67) 4-Bromophenyl-phenylether	10.545	248	22343	4.888	ng	# 1
77) Benzidine	12.827	184	17002	2.245	ng	# 96
85) Di-n-octyl phthalate	14.457	149	398	5.625	ng	# 1

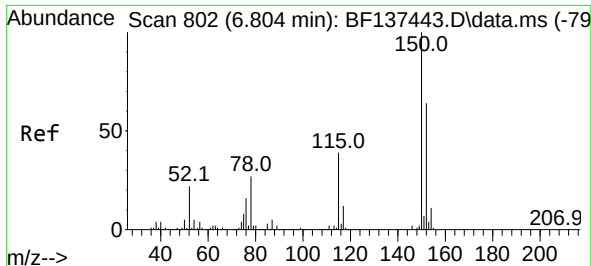
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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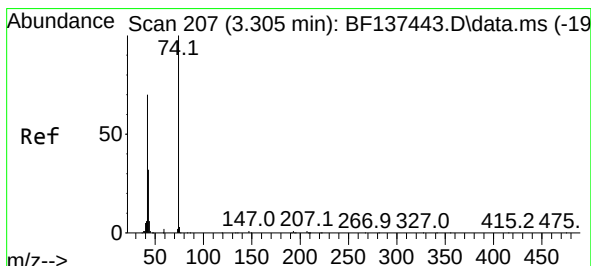
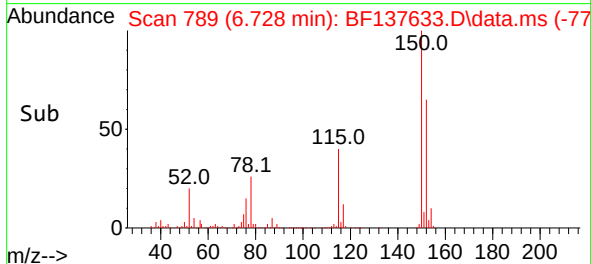
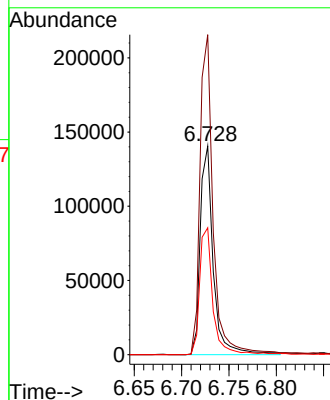
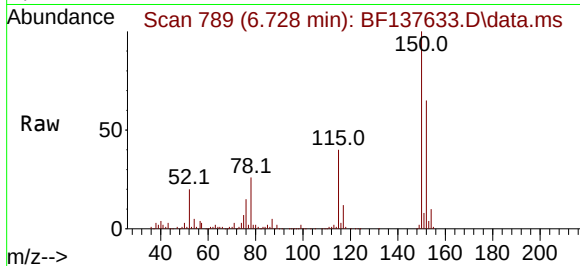




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137633.D
Acq: 18 Mar 2024 16:06

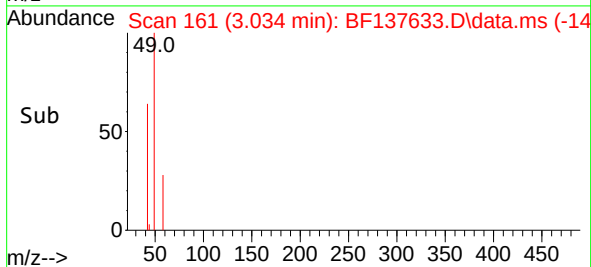
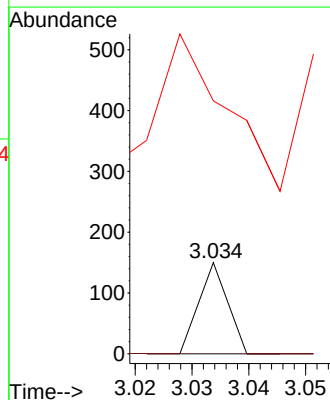
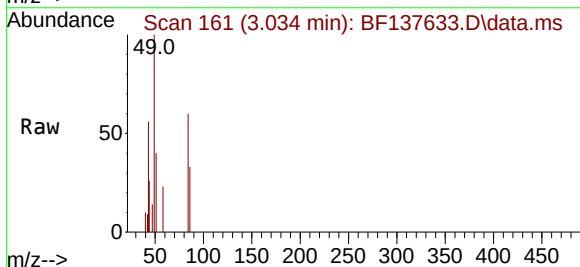
Instrument :
BNA_F
ClientSampleId :
TP9

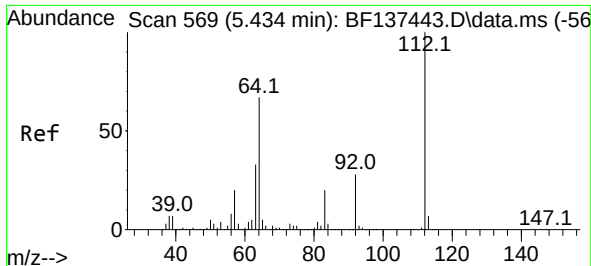
Tgt Ion:152 Resp: 134667
Ion Ratio Lower Upper
152 100
150 153.4 125.8 188.6
115 60.9 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.819 ng
RT: 3.034 min Scan# 161
Delta R.T. -0.006 min
Lab File: BF137633.D
Acq: 18 Mar 2024 16:06

Tgt Ion: 42 Resp: 53
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 277.3 7.0 10.4#

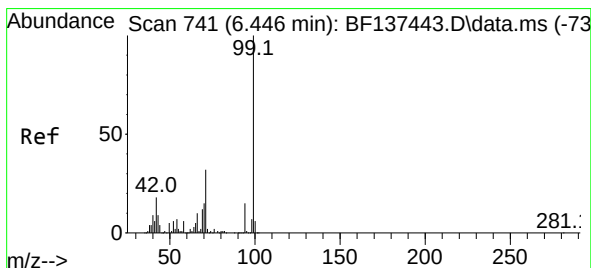
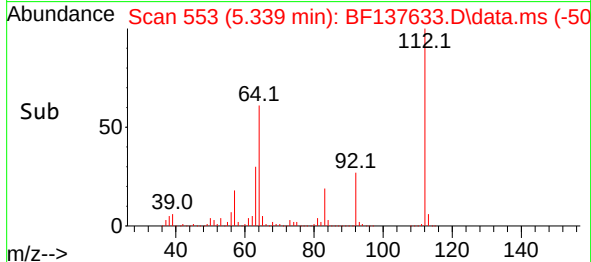
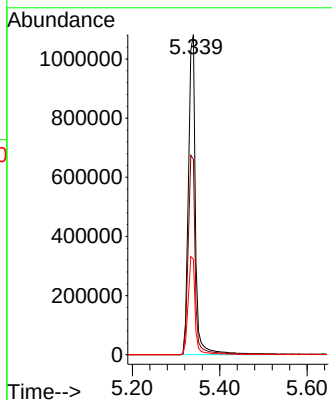
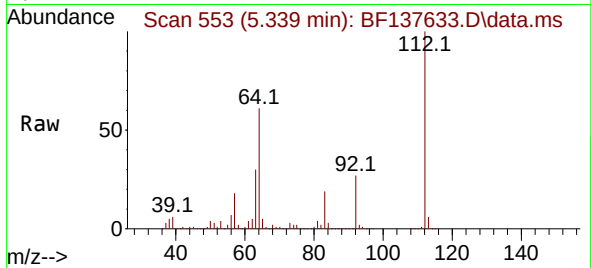




#5
2-Fluorophenol
Concen: 136.035 ng
RT: 5.339 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF137633.D
Acq: 18 Mar 2024 16:06

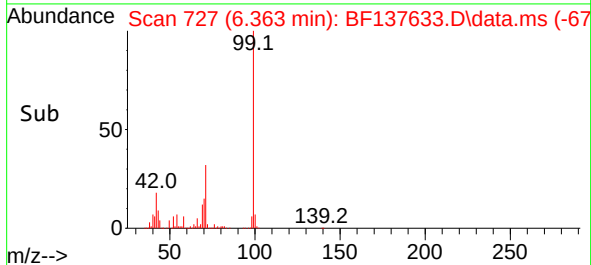
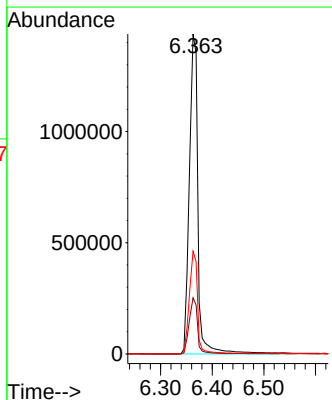
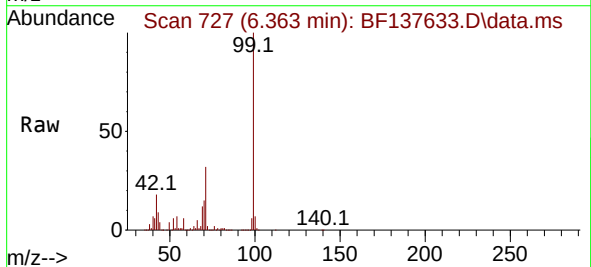
Instrument :
BNA_F
ClientSampleId :
TP9

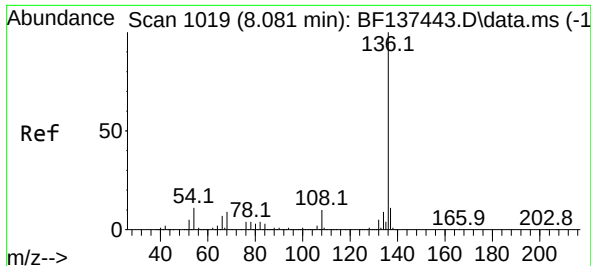
Tgt Ion:112 Resp: 1209574
Ion Ratio Lower Upper
112 100
64 61.1 53.4 80.2
63 29.8 26.2 39.2



#7
Phenol-d6
Concen: 129.838 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF137633.D
Acq: 18 Mar 2024 16:06

Tgt Ion: 99 Resp: 1666444
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 32.1 25.3 37.9

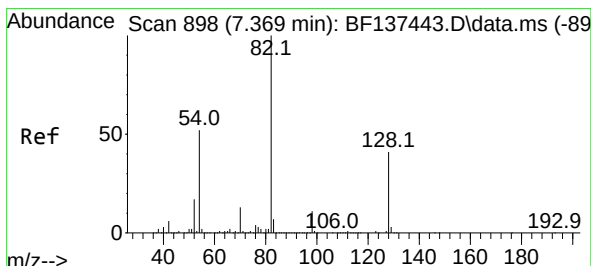
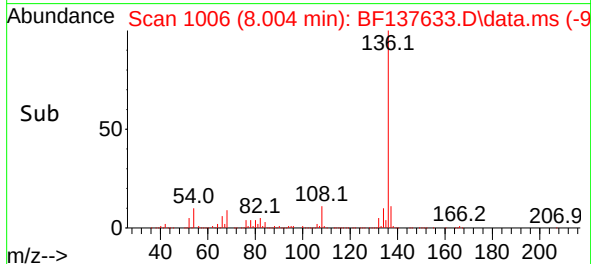
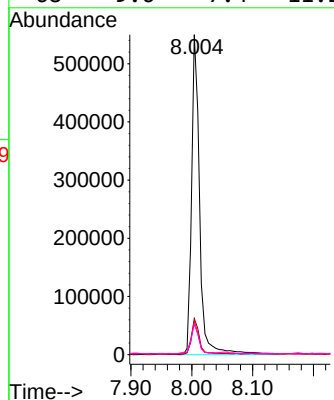
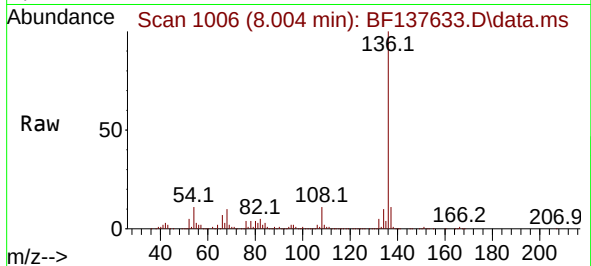




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF137633.D
Acq: 18 Mar 2024 16:06

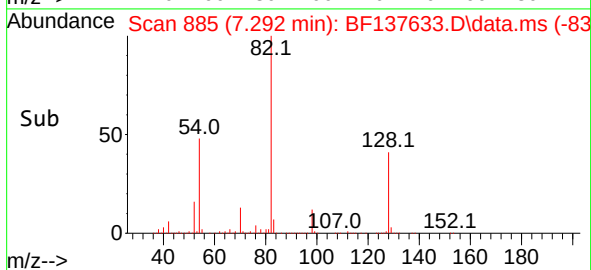
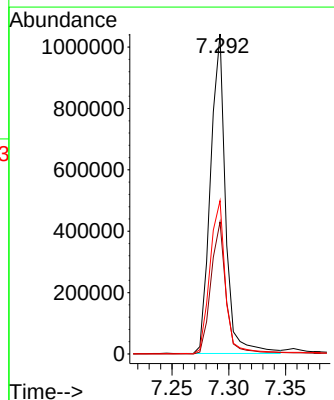
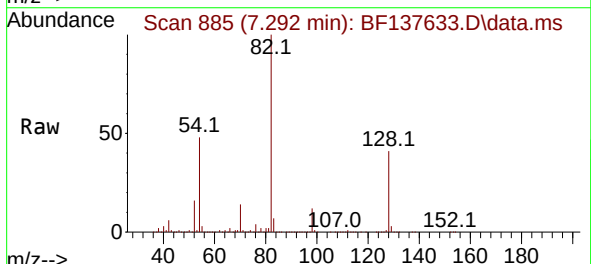
Instrument :
BNA_F
ClientSampleId :
TP9

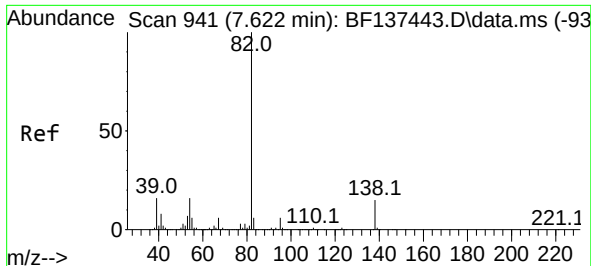
Tgt Ion:136 Resp: 509830
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.5 8.5 12.7
68 9.6 7.4 11.2



#23
Nitrobenzene-d5
Concen: 87.449 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF137633.D
Acq: 18 Mar 2024 16:06

Tgt Ion: 82 Resp: 959540
Ion Ratio Lower Upper
82 100
128 41.3 32.5 48.7
54 47.9 41.5 62.3

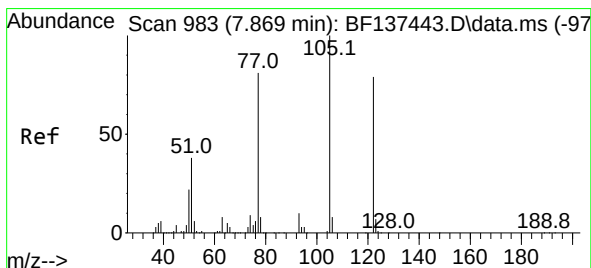
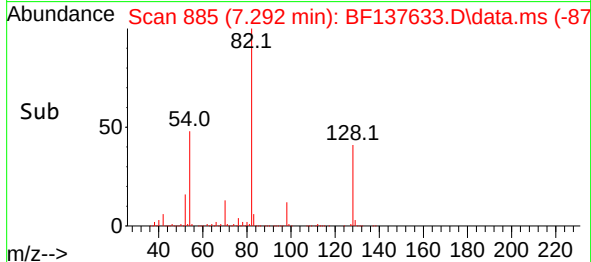
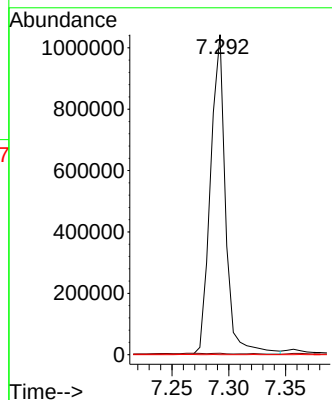
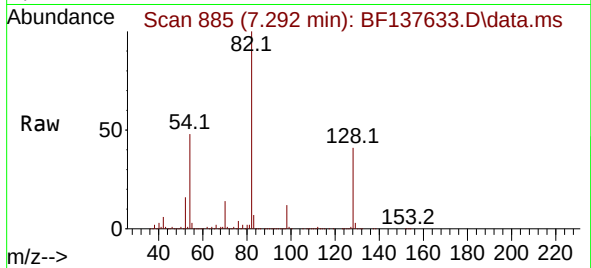




#25
Isophorone
Concen: 46.030 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF137633.D
Acq: 18 Mar 2024 16:06

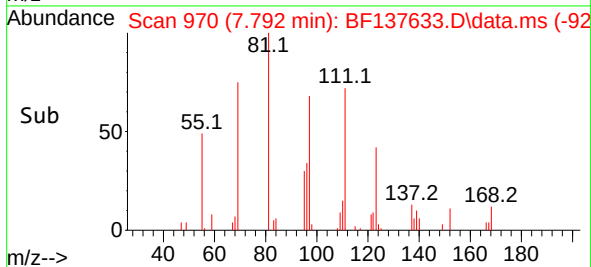
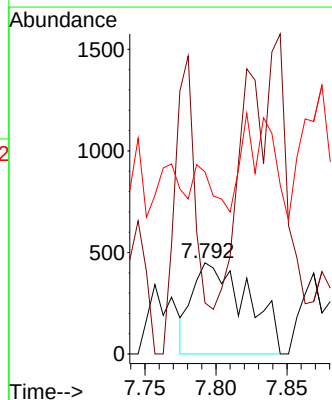
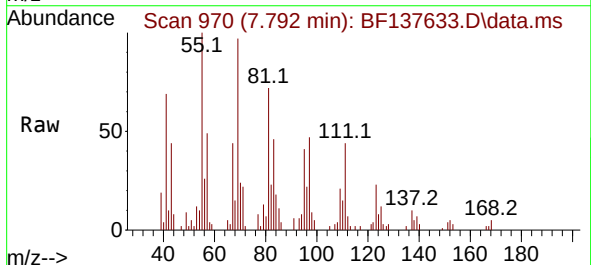
Instrument :
BNA_F
ClientSampleId :
TP9

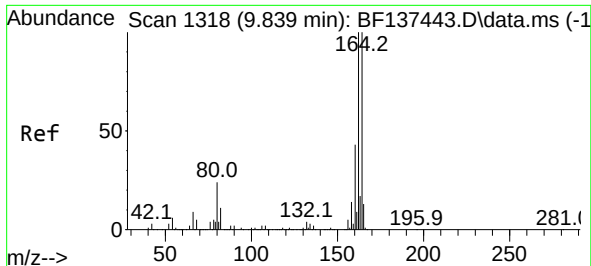
Tgt Ion: 82 Resp: 959540
Ion Ratio Lower Upper
82 100
95 0.4 5.1 7.7#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 6.523 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF137633.D
Acq: 18 Mar 2024 16:06

Tgt Ion: 122 Resp: 1215
Ion Ratio Lower Upper
122 100
105 56.1 102.4 142.4#
77 199.8 81.1 121.1#

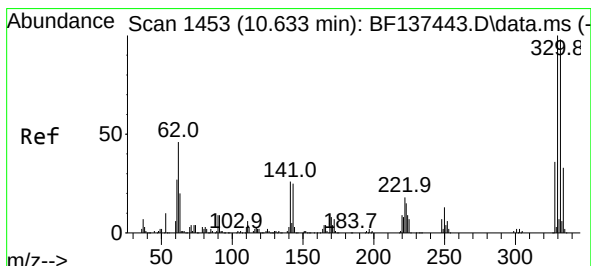
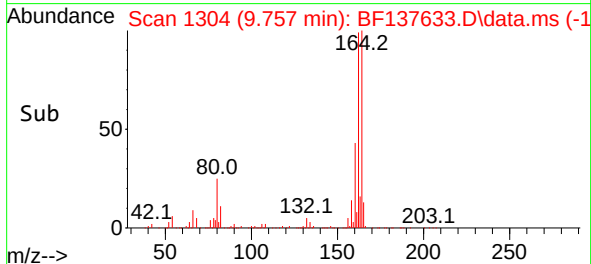
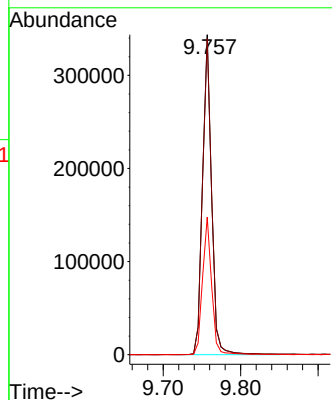
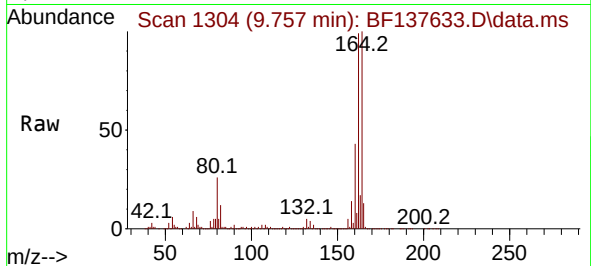




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137633.D
Acq: 18 Mar 2024 16:06

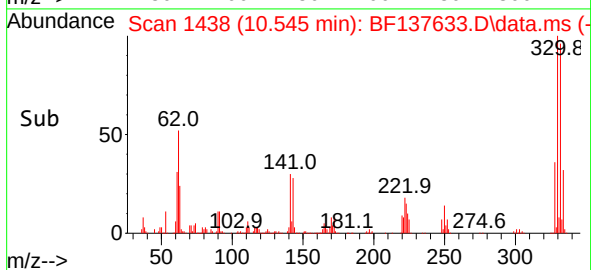
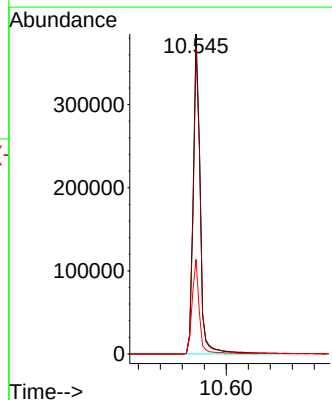
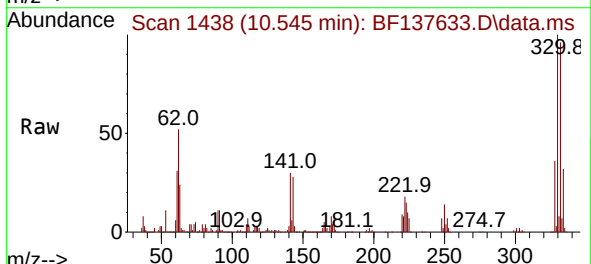
Instrument :
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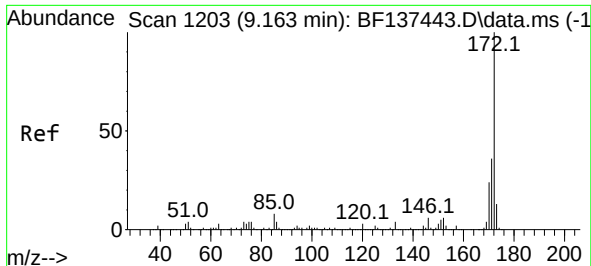
Tgt Ion:164 Resp: 278381
Ion Ratio Lower Upper
164 100
162 98.8 79.8 119.8
160 43.0 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 137.856 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF137633.D
Acq: 18 Mar 2024 16:06

Tgt Ion:330 Resp: 337012
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 30.5 27.3 40.9

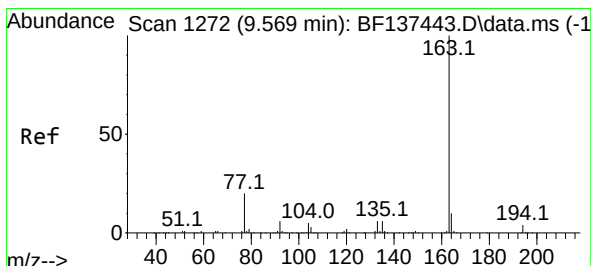
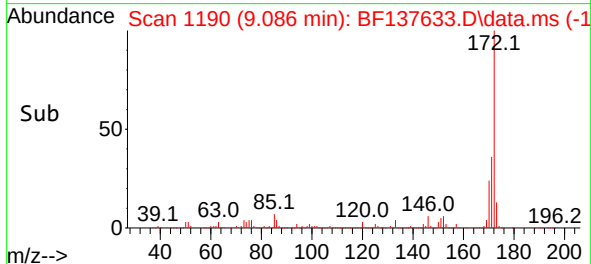
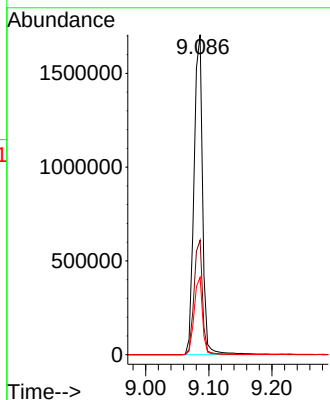
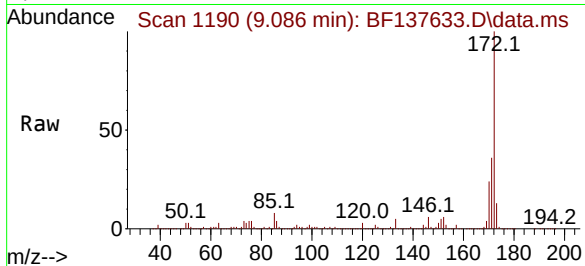




#45
2-Fluorobiphenyl
Concen: 91.063 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF137633.D
Acq: 18 Mar 2024 16:06

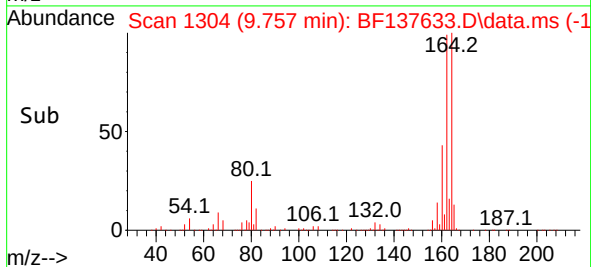
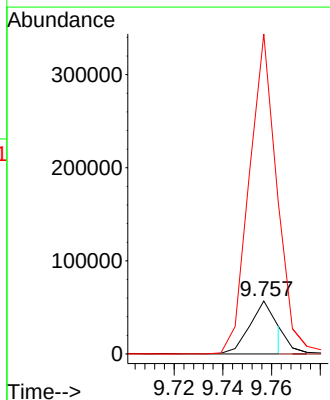
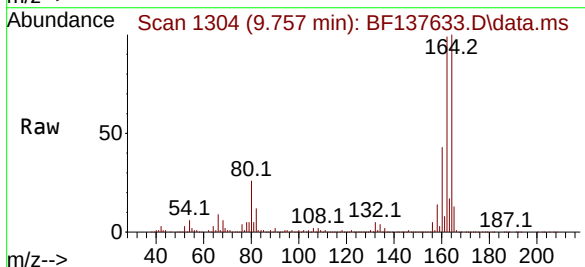
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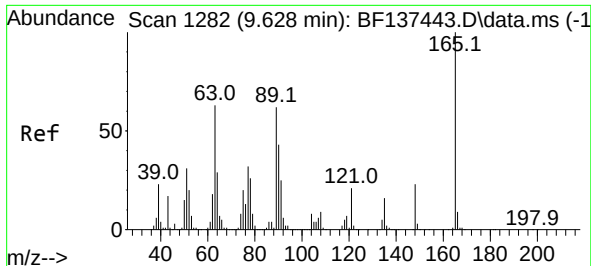
Tgt Ion:172 Resp: 1619449
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.2 19.0 28.6



#50
Dimethylphthalate
Concen: 2.231 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.264 min
Lab File: BF137633.D
Acq: 18 Mar 2024 16:06

Tgt Ion:163 Resp: 43230
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 604.6 8.1 12.1#

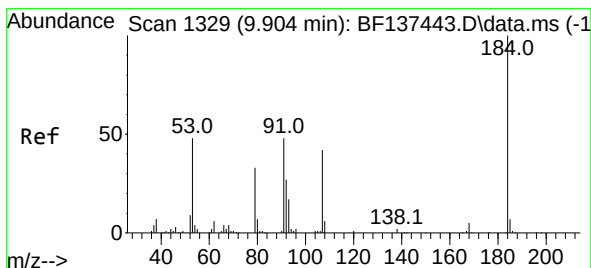
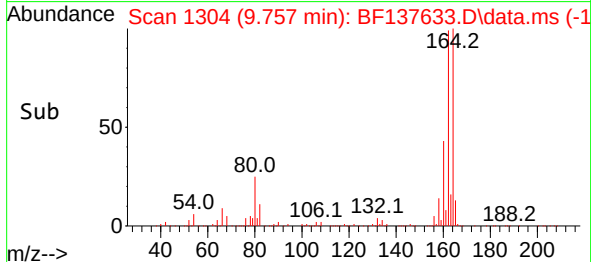
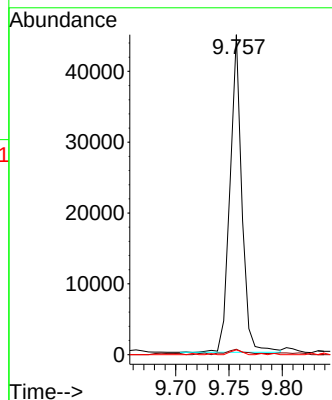
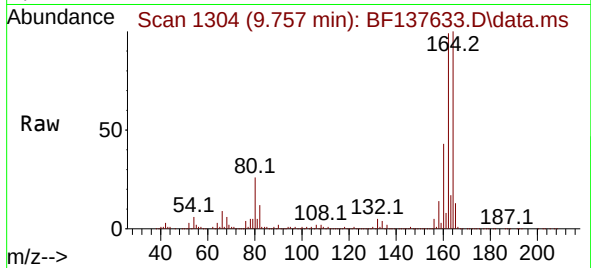




#51
2,6-Dinitrotoluene
Concen: 8.587 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF137633.D
Acq: 18 Mar 2024 16:06

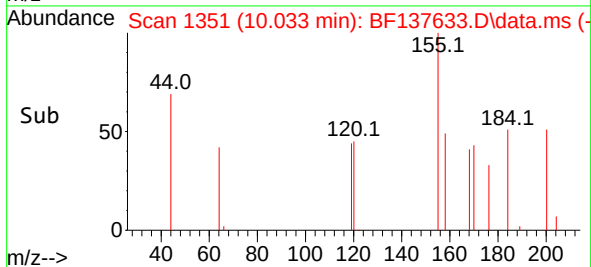
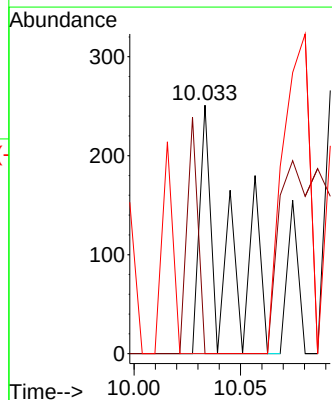
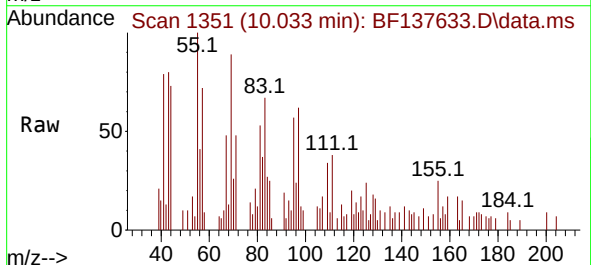
Instrument :
BNA_F
ClientSampleId :
TP9

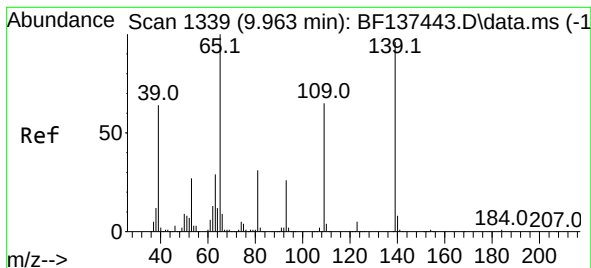
Tgt Ion:165 Resp: 34806
Ion Ratio Lower Upper
165 100
63 1.7 50.7 76.1#
89 1.5 50.0 75.0#



#54
2,4-Dinitrophenol
Concen: 8.320 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.206 min
Lab File: BF137633.D
Acq: 18 Mar 2024 16:06

Tgt Ion:184 Resp: 210
Ion Ratio Lower Upper
184 100
63 0.0 53.3 79.9#
154 0.0 47.4 71.0#





#56

4-Nitrophenol

Concen: 4.756 ng

RT: 9.851 min Scan# 11

Delta R.T. -0.036 min

Lab File: BF137633.D

Acq: 18 Mar 2024 16:06

Instrument :

BNA_F

ClientSampleId :

TP9

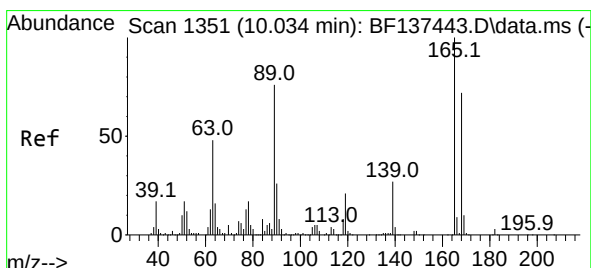
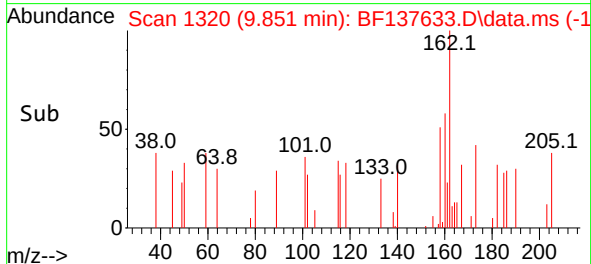
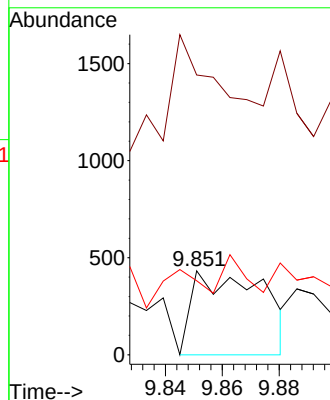
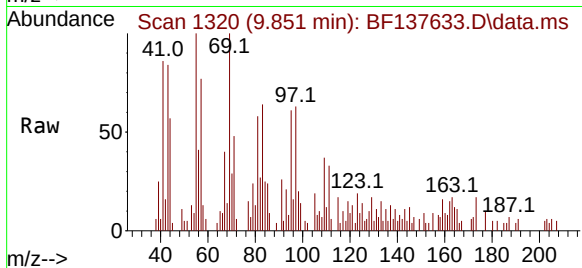
Tgt Ion:139 Resp: 741

Ion Ratio Lower Upper

139 100

109 333.6 47.1 87.1#

65 88.2 85.1 125.1



#57

2,4-Dinitrotoluene

Concen: 7.009 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.200 min

Lab File: BF137633.D

Acq: 18 Mar 2024 16:06

Tgt Ion:165 Resp: 34901

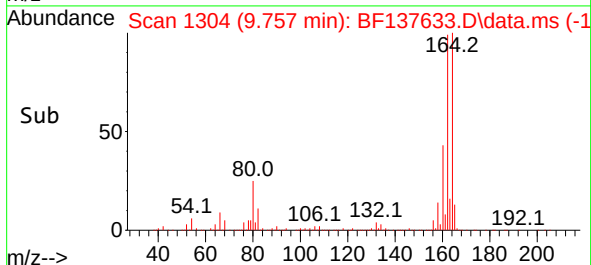
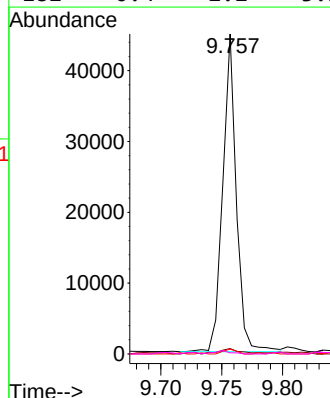
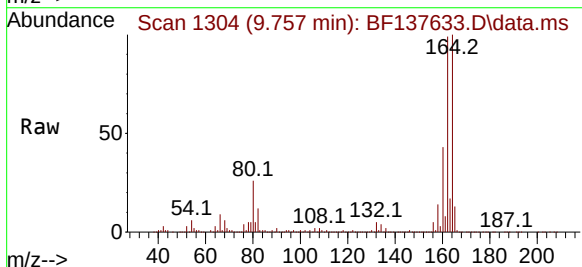
Ion Ratio Lower Upper

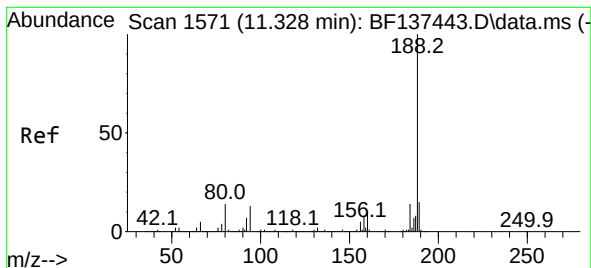
165 100

63 1.7 39.0 58.6#

89 1.5 60.9 91.3#

182 0.4 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137633.D

Acq: 18 Mar 2024 16:06

Instrument :

BNA_F

ClientSampleId :

TP9

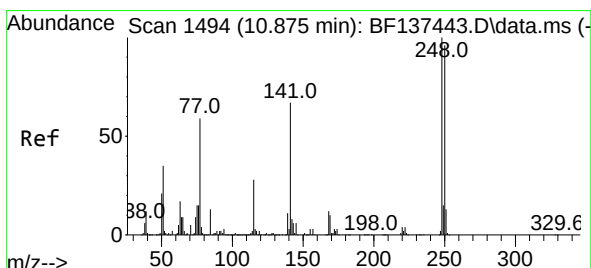
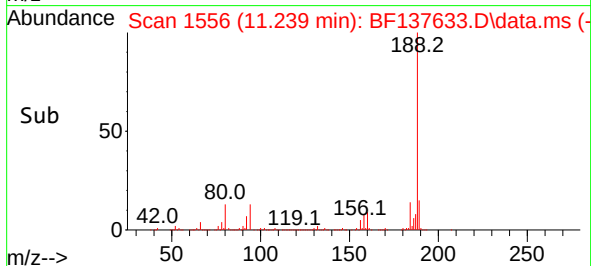
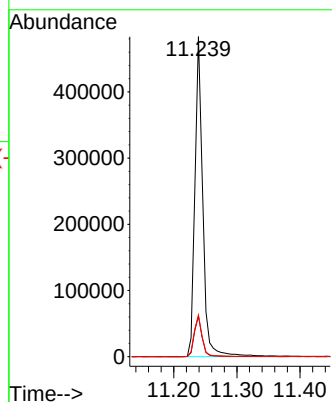
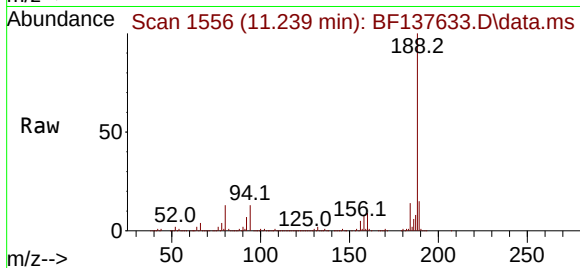
Tgt Ion:188 Resp: 419712

Ion Ratio Lower Upper

188 100

94 12.6 10.6 15.8

80 13.1 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 4.888 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.247 min

Lab File: BF137633.D

Acq: 18 Mar 2024 16:06

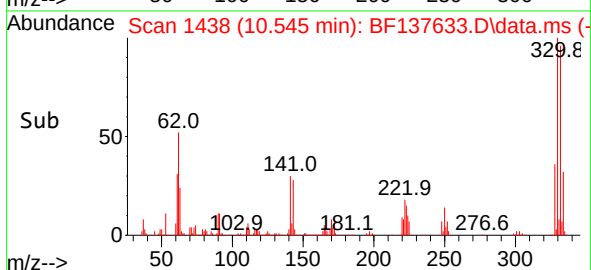
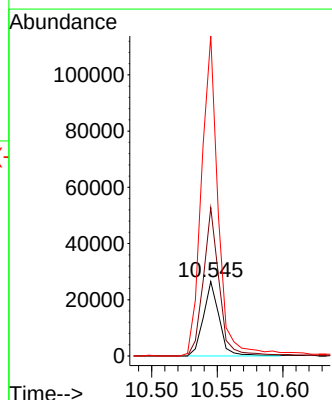
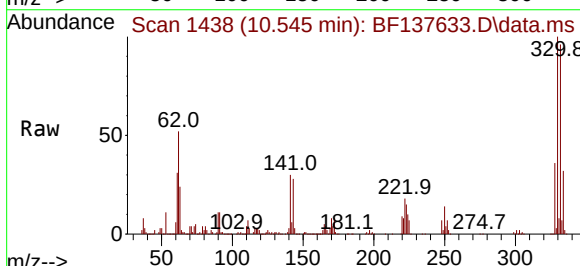
Tgt Ion:248 Resp: 22343

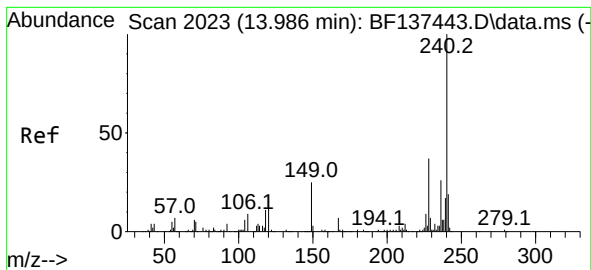
Ion Ratio Lower Upper

248 100

250 199.2 76.8 115.2#

141 429.8 53.4 80.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF137633.D

Acq: 18 Mar 2024 16:06

Instrument :

BNA_F

ClientSampleId :

TP9

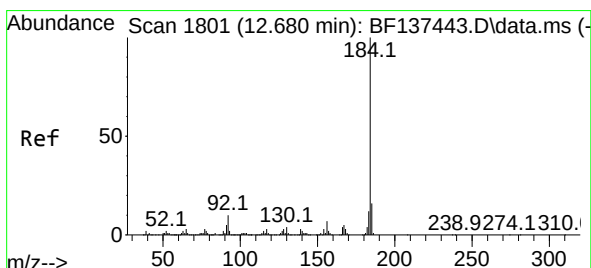
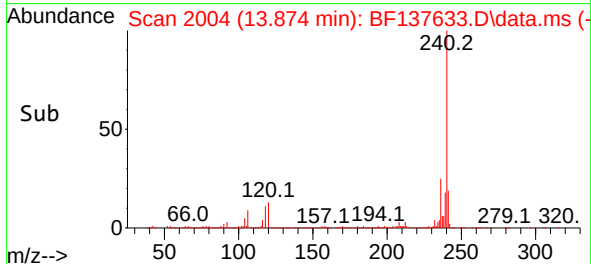
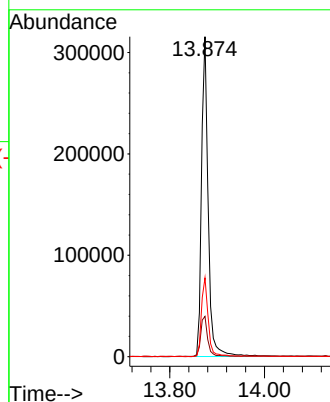
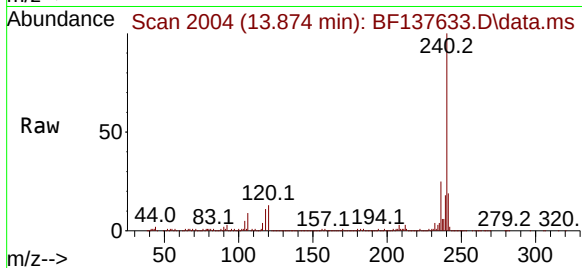
Tgt Ion:240 Resp: 309505

Ion Ratio Lower Upper

240 100

120 12.6 10.4 15.6

236 24.7 20.9 31.3



#77

Benzidine

Concen: 2.245 ng

RT: 12.827 min Scan# 1826

Delta R.T. 0.247 min

Lab File: BF137633.D

Acq: 18 Mar 2024 16:06

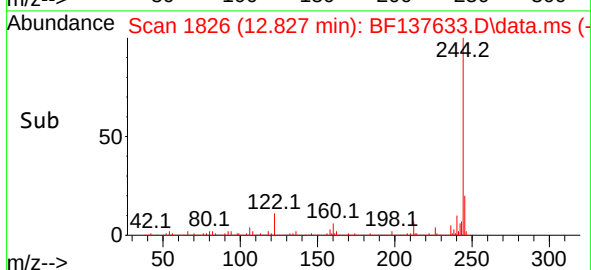
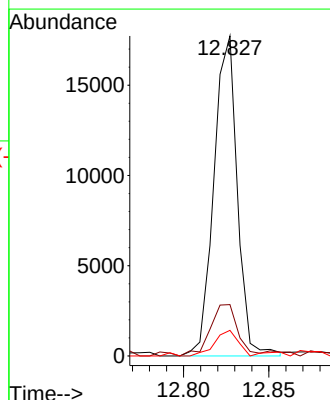
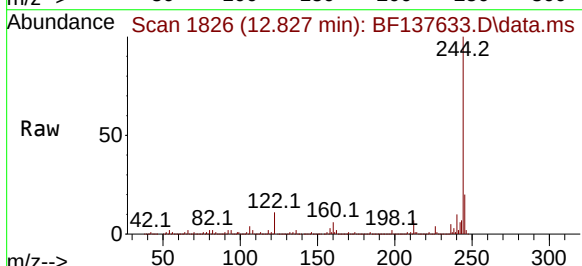
Tgt Ion:184 Resp: 17002

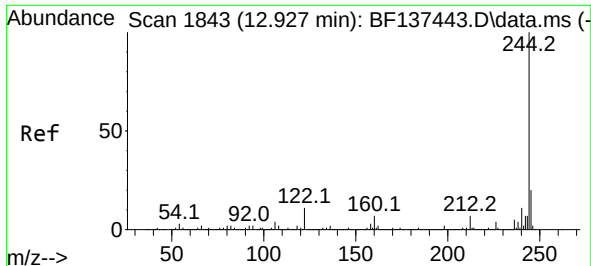
Ion Ratio Lower Upper

184 100

185 16.0 13.2 19.8

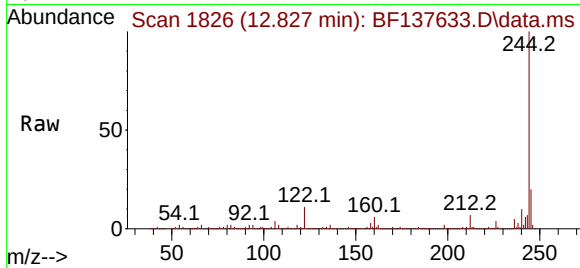
183 8.0 9.3 13.9#



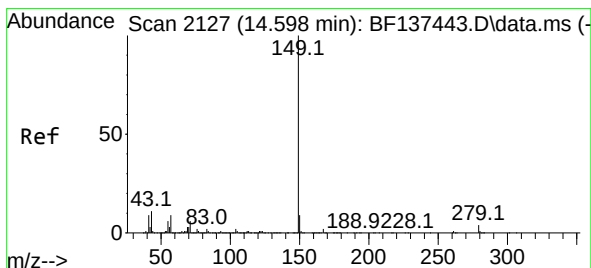
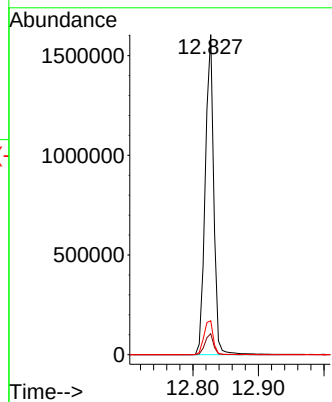
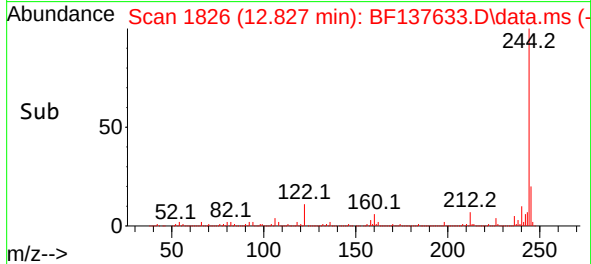


#79
 Terphenyl-d14
 Concen: 64.356 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF137633.D
 Acq: 18 Mar 2024 16:06

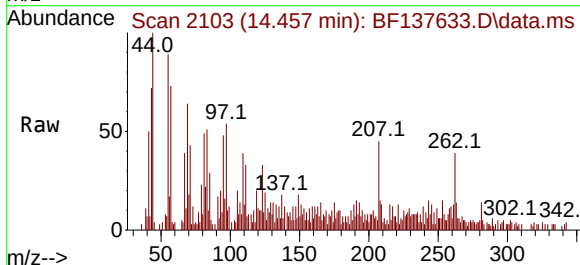
Instrument :
 BNA_F
 ClientSampleId :
 TP9



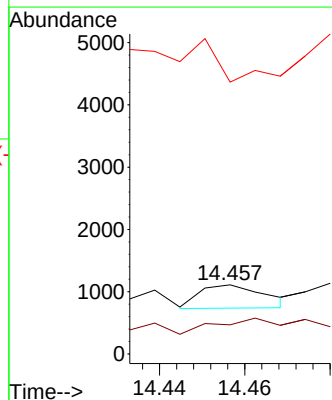
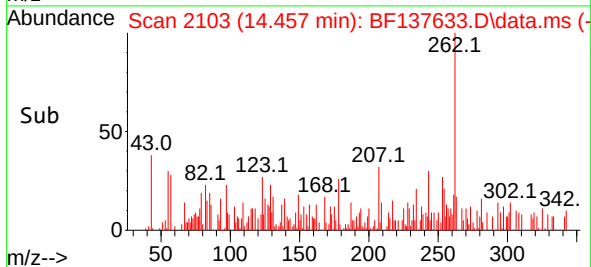
Tgt Ion:244 Resp: 1448505
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.6 9.1 13.7

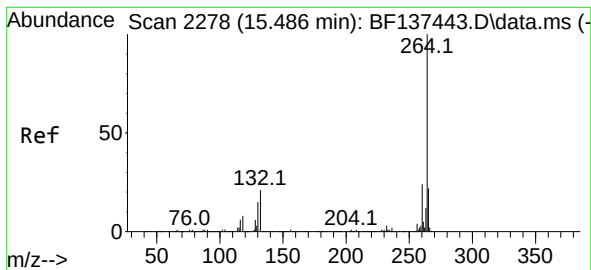


#85
 Di-n-octyl phthalate
 Concen: 5.625 ng
 RT: 14.457 min Scan# 2103
 Delta R.T. -0.018 min
 Lab File: BF137633.D
 Acq: 18 Mar 2024 16:06



Tgt Ion:149 Resp: 398
 Ion Ratio Lower Upper
 149 100
 167 64.6 1.2 1.8#
 43 430.4 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF137633.D
Acq: 18 Mar 2024 16:06

Instrument :
BNA_F
ClientSampleId :
TP9

Tgt Ion:264 Resp: 332851
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 21.8 17.4 26.0

