

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
 Data File : BF137666.D
 Acq On : 21 Mar 2024 17:56
 Operator : CG\JU
 Sample : P1821-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12002

Quant Time: Mar 21 18:30:05 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)

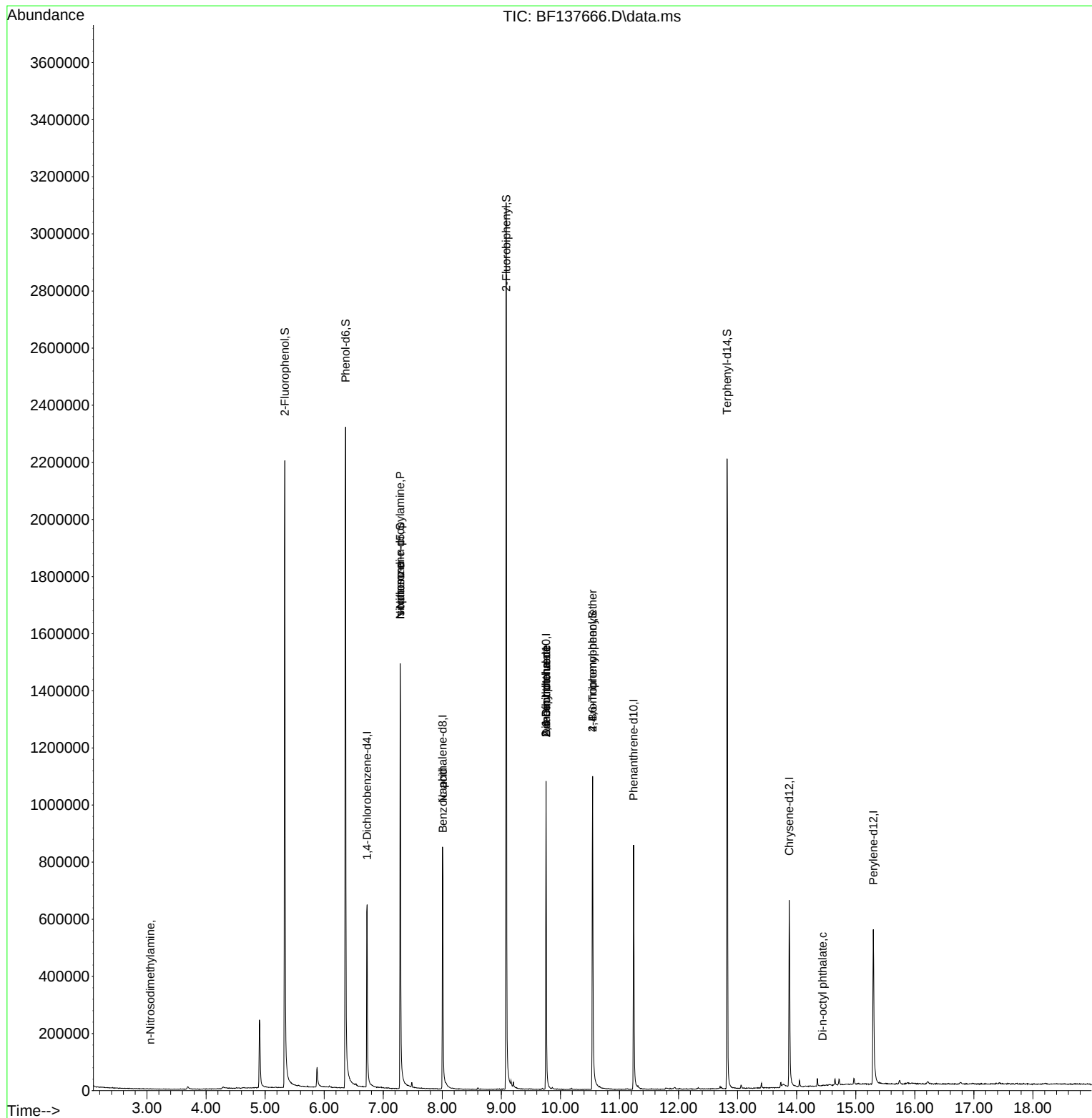
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.727	152	113479	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	434503	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	222856	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	334423	20.000	ng	0.00
76) Chrysene-d12	13.874	240	246015	20.000	ng	0.00
86) Perylene-d12	15.298	264	272409	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.333	112	671425	89.611	ng	0.00
7) Phenol-d6	6.363	99	910123	84.151	ng	0.00
23) Nitrobenzene-d5	7.286	82	557199	59.585	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	147809	75.526	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	981719	68.957	ng	0.00
79) Terphenyl-d14	12.821	244	818472	45.749	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.057	42	195	3.853	ng	# 1
19) n-Nitroso-di-n-propyla...	7.286	70	66365	9.937	ng	# 81
25) Isophorone	7.286	82	557199	31.363	ng	# 69
32) Benzoic acid	8.010	122	83	6.317	ng	# 1
50) Dimethylphthalate	9.757	163	31123	2.006	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	28210	8.694	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	28210	7.076	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	9802	2.691	ng	# 1
85) Di-n-octyl phthalate	14.439	149	69	5.611	ng	# 1

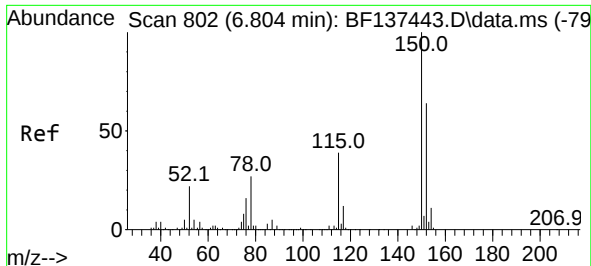
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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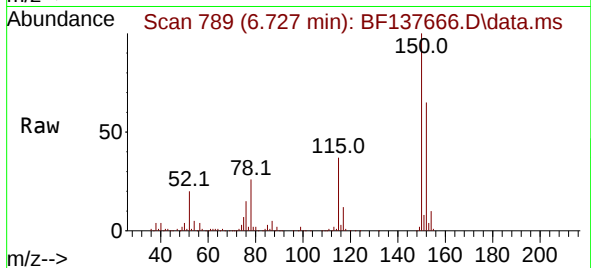
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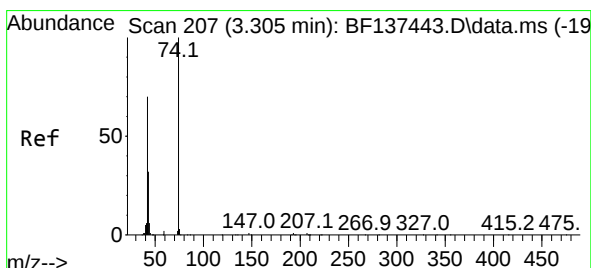
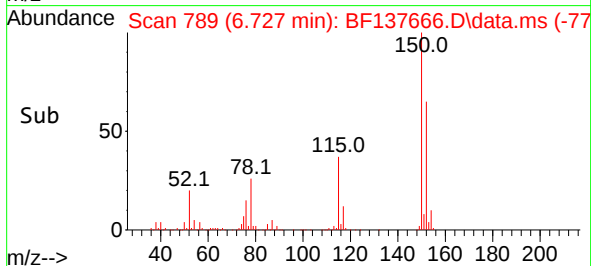
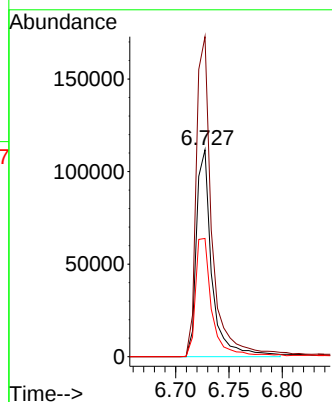


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.727 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF137666.D
Acq: 21 Mar 2024 17:56

Instrument :
BNA_F
ClientSampleId :
72-12002

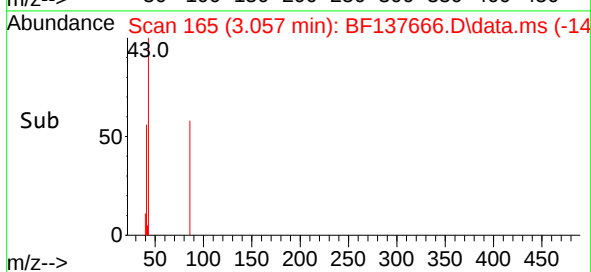
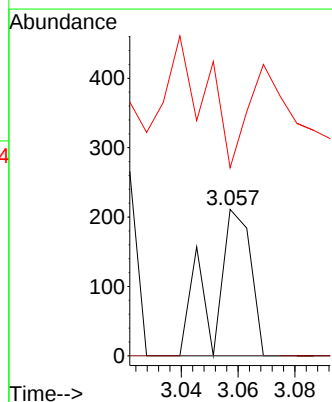
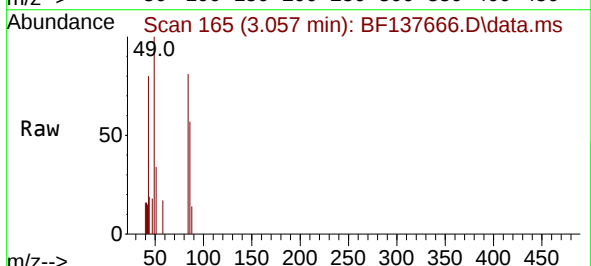


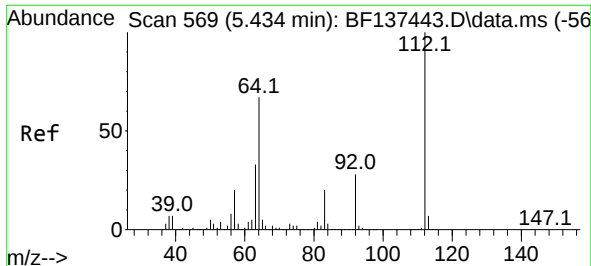
Tgt Ion:152 Resp: 113479
Ion Ratio Lower Upper
152 100
150 154.7 125.8 188.6
115 57.1 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.853 ng
RT: 3.057 min Scan# 165
Delta R.T. 0.017 min
Lab File: BF137666.D
Acq: 21 Mar 2024 17:56

Tgt Ion: 42 Resp: 195
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 128.4 7.0 10.4#

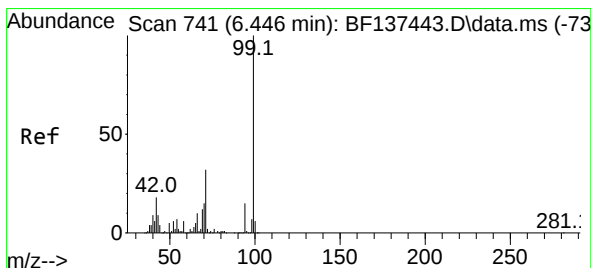
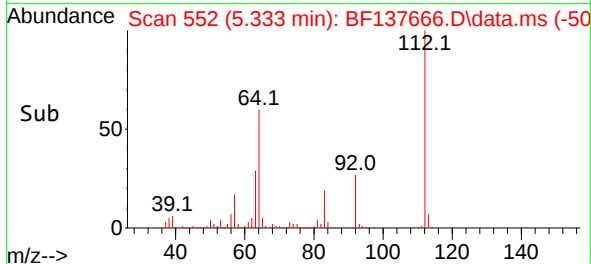
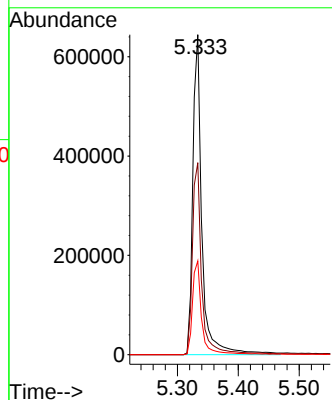
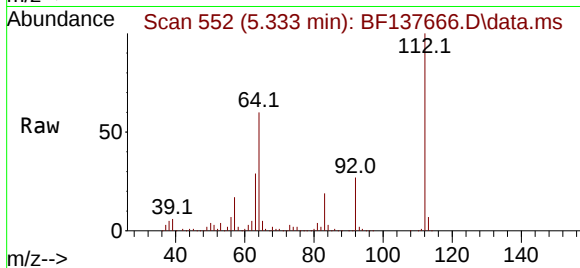




#5
2-Fluorophenol
Concen: 89.611 ng
RT: 5.333 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF137666.D
Acq: 21 Mar 2024 17:56

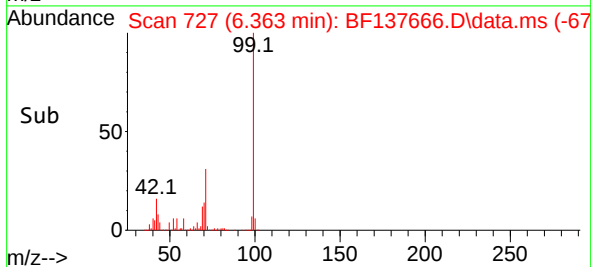
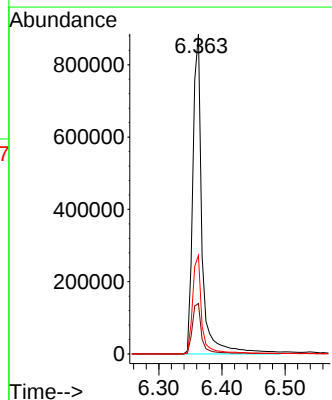
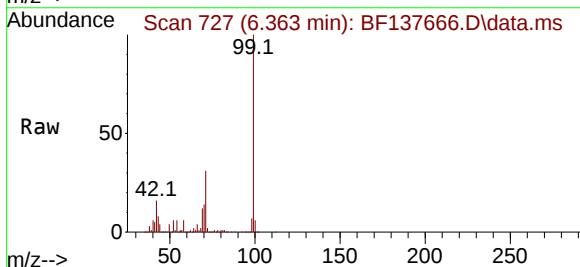
Instrument :
BNA_F
ClientSampleId :
72-12002

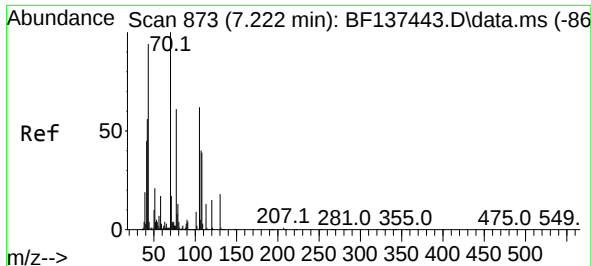
Tgt Ion:112 Resp: 671425
Ion Ratio Lower Upper
112 100
64 60.0 53.4 80.2
63 29.3 26.2 39.2



#7
Phenol-d6
Concen: 84.151 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF137666.D
Acq: 21 Mar 2024 17:56

Tgt Ion: 99 Resp: 910123
Ion Ratio Lower Upper
99 100
42 15.8 14.6 21.8
71 30.8 25.3 37.9

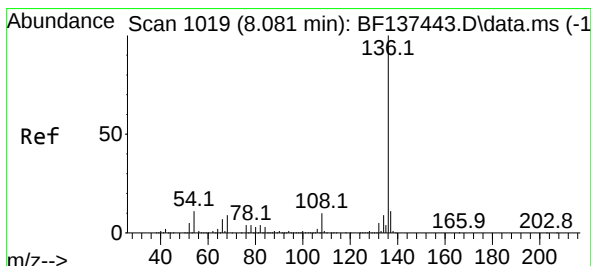
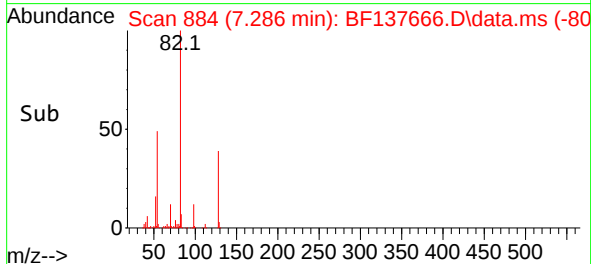
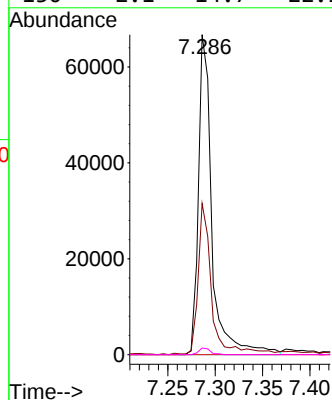
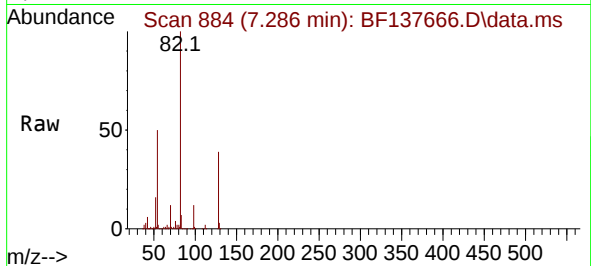




#19
n-Nitroso-di-n-propylamine
Concen: 9.937 ng
RT: 7.286 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF137666.D
Acq: 21 Mar 2024 17:56

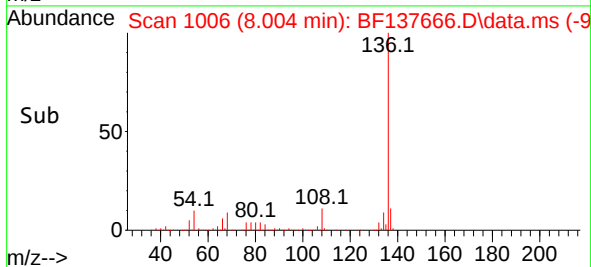
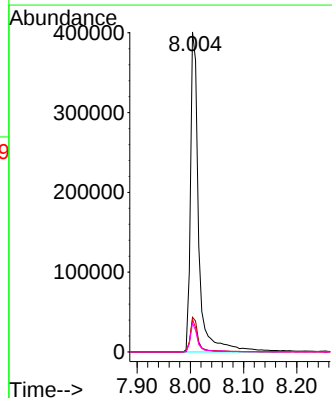
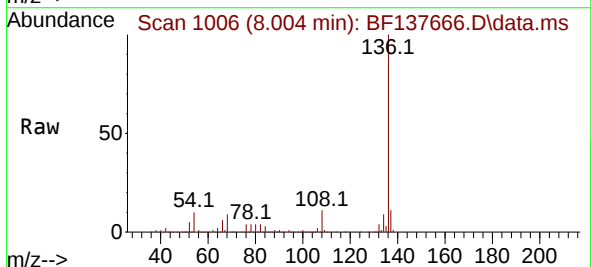
Instrument :
BNA_F
ClientSampleId :
72-12002

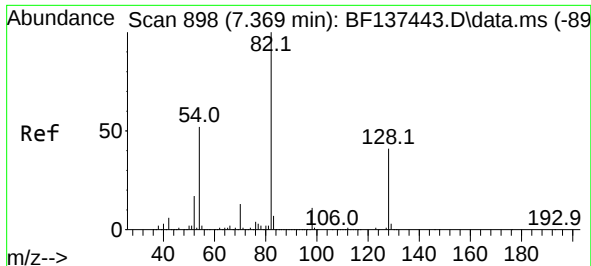
Tgt Ion:	70	Resp:	66365
Ion	Ratio	Lower	Upper
70	100		
42	47.2	45.2	67.8
101	0.0	7.3	10.9#
130	2.1	14.7	22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137666.D
Acq: 21 Mar 2024 17:56

Tgt Ion:	136	Resp:	434503
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	10.1	8.5	12.7
68	8.9	7.4	11.2





#23

Nitrobenzene-d5

Concen: 59.585 ng

RT: 7.286 min Scan# 884

Delta R.T. -0.012 min

Lab File: BF137666.D

Acq: 21 Mar 2024 17:56

Instrument :

BNA_F

ClientSampleId :

72-12002

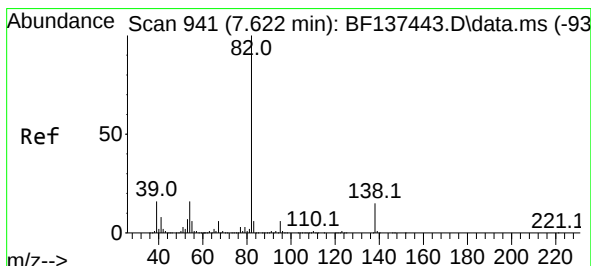
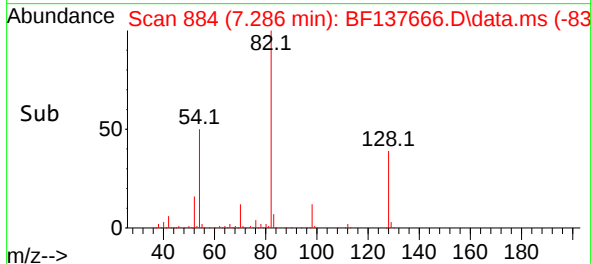
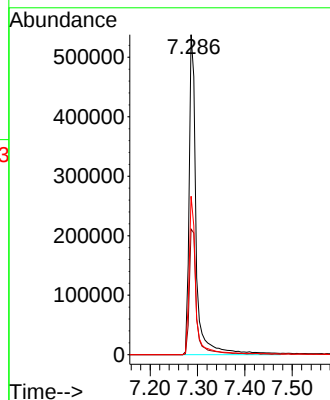
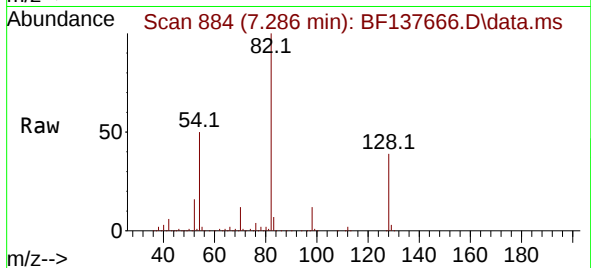
Tgt Ion: 82 Resp: 557199

Ion Ratio Lower Upper

82 100

128 39.3 32.5 48.7

54 49.5 41.5 62.3



#25

Isophorone

Concen: 31.363 ng

RT: 7.286 min Scan# 884

Delta R.T. -0.265 min

Lab File: BF137666.D

Acq: 21 Mar 2024 17:56

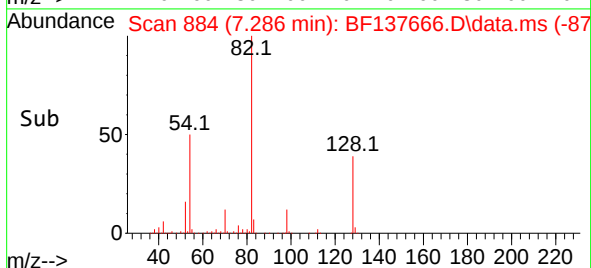
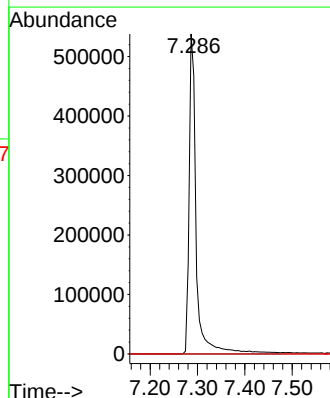
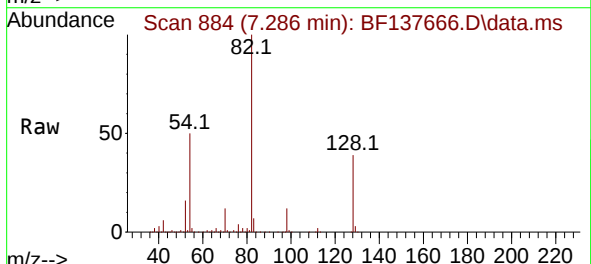
Tgt Ion: 82 Resp: 557199

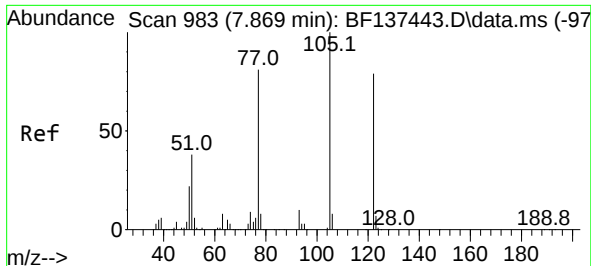
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

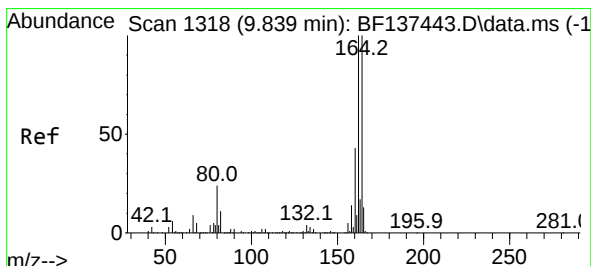
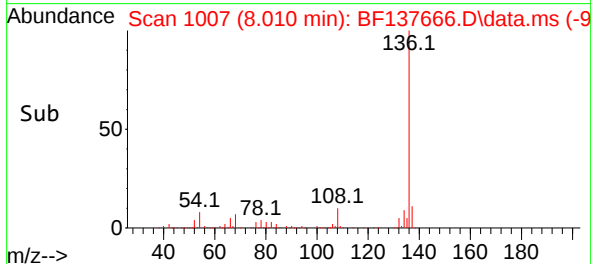
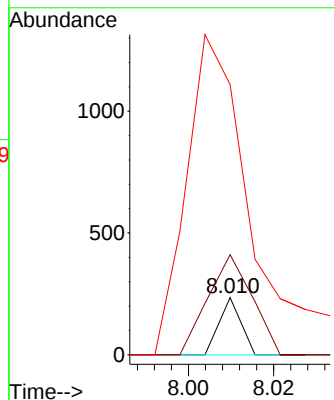
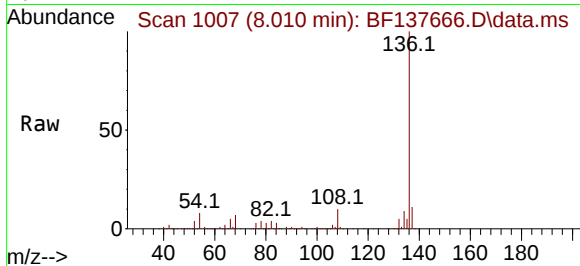




#32
Benzoic acid
Concen: 6.317 ng
RT: 8.010 min Scan# 107
Delta R.T. 0.211 min
Lab File: BF137666.D
Acq: 21 Mar 2024 17:56

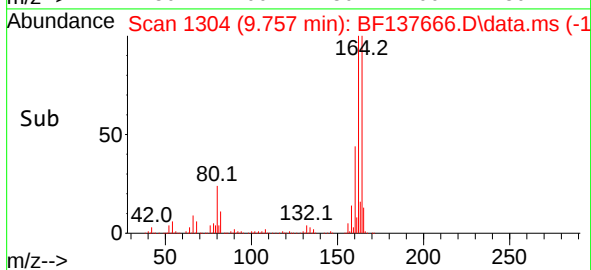
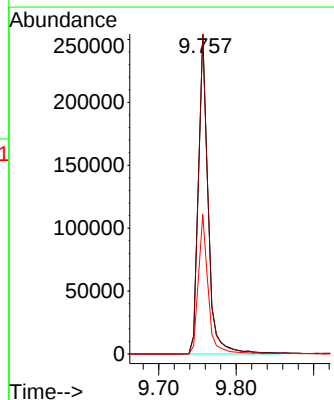
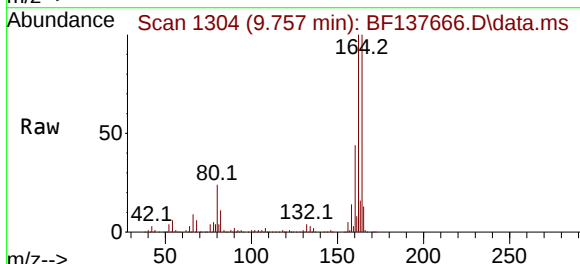
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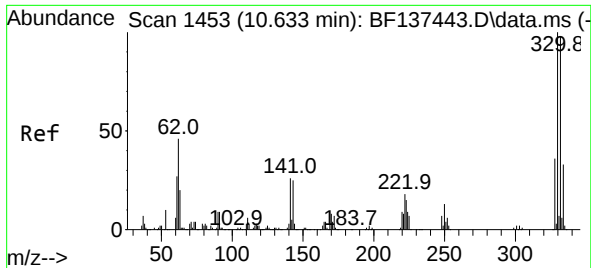
Tgt Ion:122 Resp: 83
Ion Ratio Lower Upper
122 100
105 174.9 102.4 142.4#
77 471.9 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137666.D
Acq: 21 Mar 2024 17:56

Tgt Ion:164 Resp: 222856
Ion Ratio Lower Upper
164 100
162 100.1 79.8 119.8
160 43.6 34.4 51.6

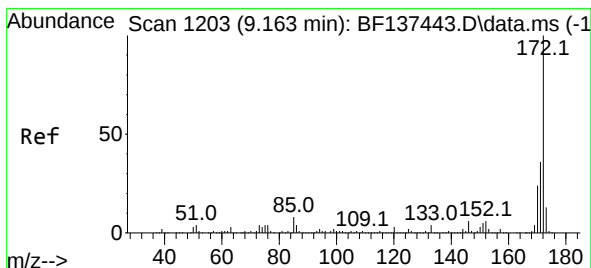
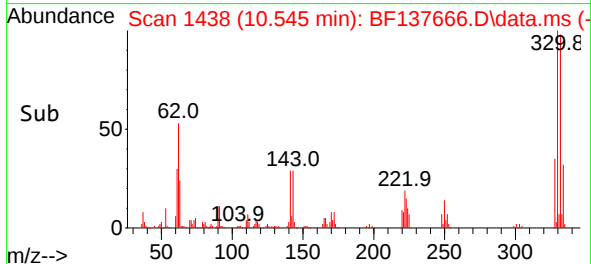
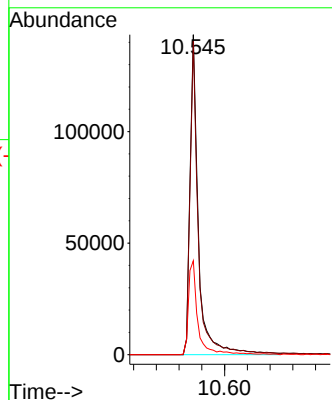
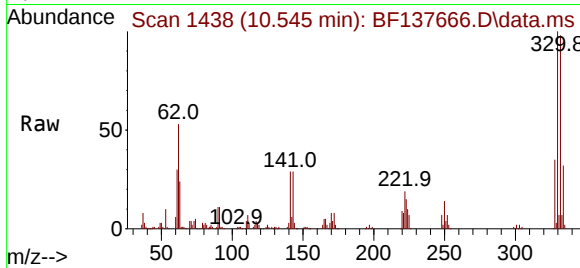




#42
 2,4,6-Tribromophenol
 Concen: 75.526 ng
 RT: 10.545 min Scan# 1453
 Delta R.T. -0.006 min
 Lab File: BF137666.D
 Acq: 21 Mar 2024 17:56

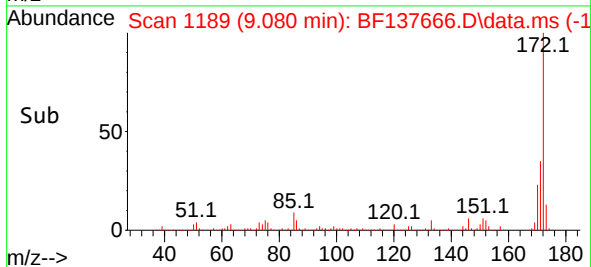
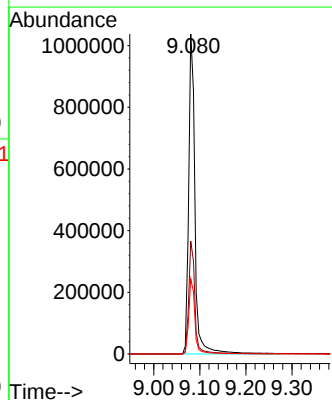
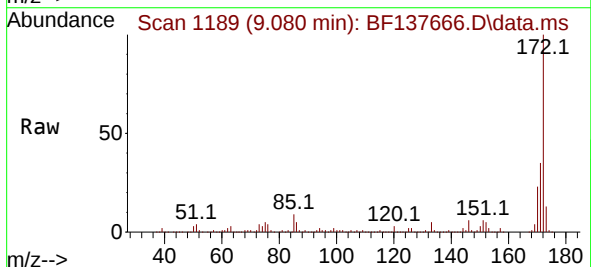
Instrument :
 BNA_F
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 72-12002

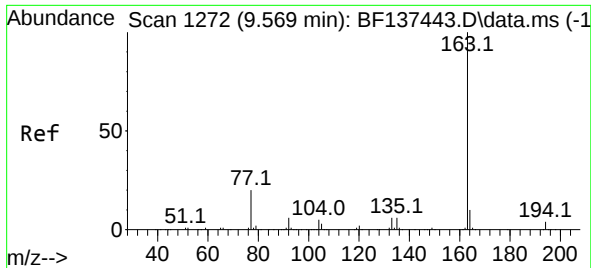
Tgt Ion: 330 Resp: 147809
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.0 117.0
 141 32.4 27.3 40.9



#45
 2-Fluorobiphenyl
 Concen: 68.957 ng
 RT: 9.080 min Scan# 1189
 Delta R.T. -0.006 min
 Lab File: BF137666.D
 Acq: 21 Mar 2024 17:56

Tgt Ion: 172 Resp: 981719
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.5 19.0 28.6

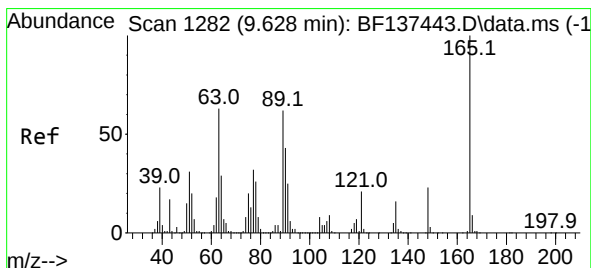
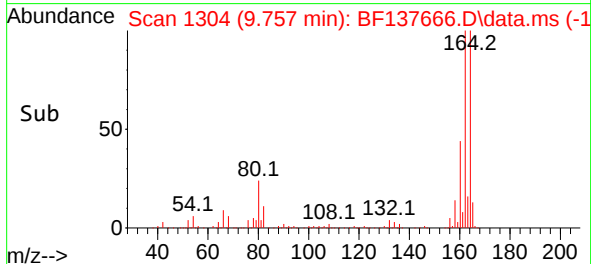
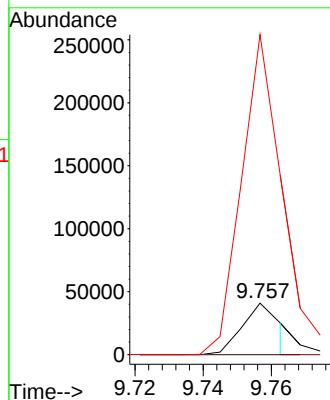
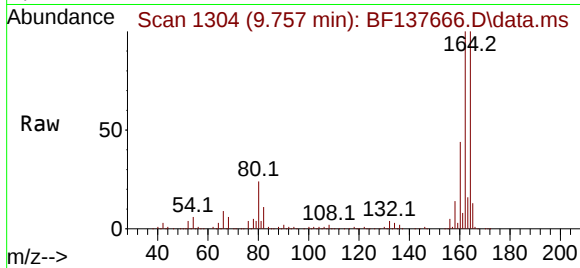




#50
Dimethylphthalate
Concen: 2.006 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.264 min
Lab File: BF137666.D
Acq: 21 Mar 2024 17:56

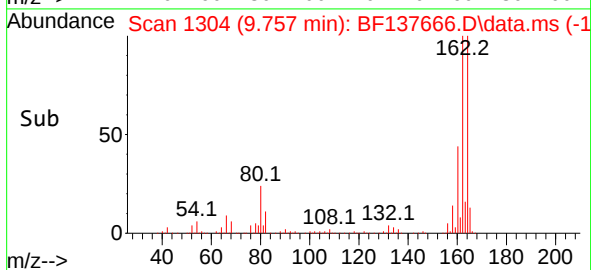
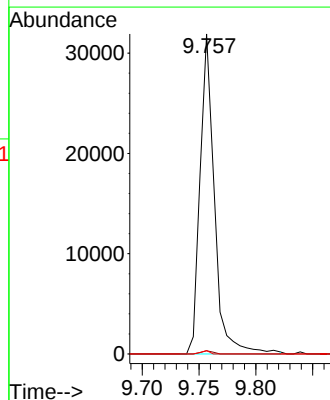
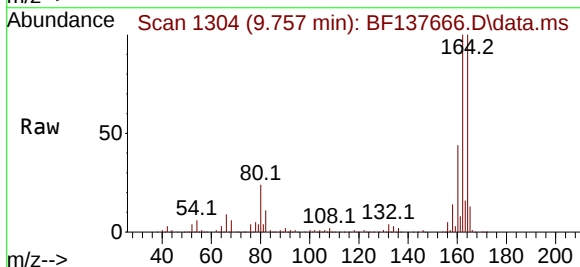
Instrument :
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ClientSampleId :
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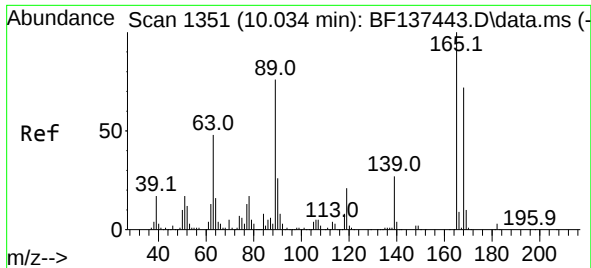
Tgt Ion:163 Resp: 31123
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 621.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.694 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137666.D
Acq: 21 Mar 2024 17:56

Tgt Ion:165 Resp: 28210
Ion Ratio Lower Upper
165 100
63 1.0 50.7 76.1#
89 1.0 50.0 75.0#

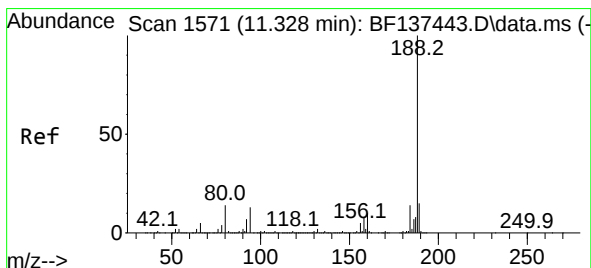
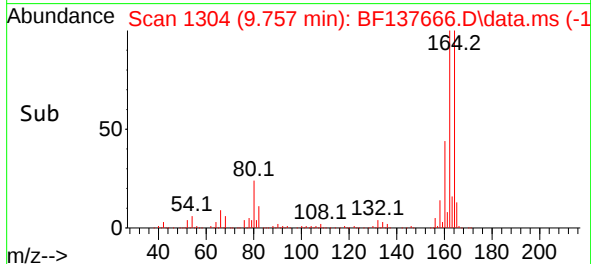
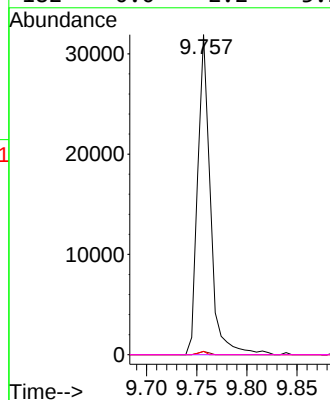
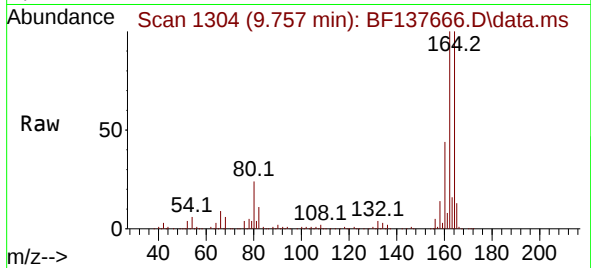




#57
2,4-Dinitrotoluene
Concen: 7.076 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137666.D
Acq: 21 Mar 2024 17:56

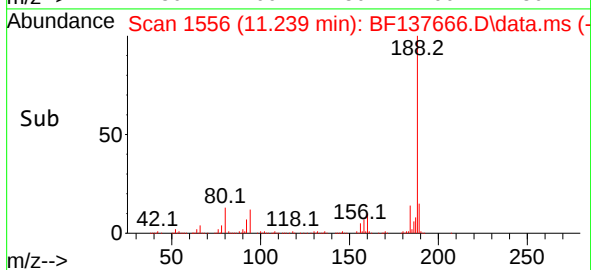
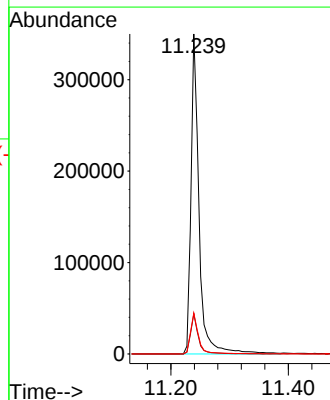
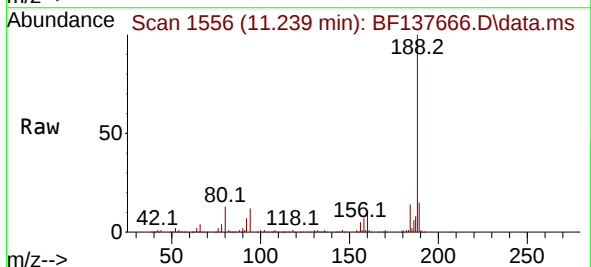
Instrument :
BNA_F
ClientSampleId :
72-12002

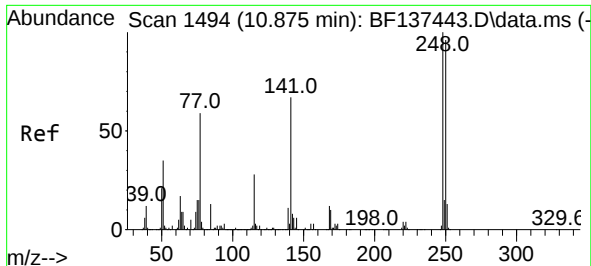
Tgt Ion:165 Resp: 28210
Ion Ratio Lower Upper
165 100
63 1.0 39.0 58.6#
89 1.0 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF137666.D
Acq: 21 Mar 2024 17:56

Tgt Ion:188 Resp: 334423
Ion Ratio Lower Upper
188 100
94 12.5 10.6 15.8
80 12.8 11.5 17.3

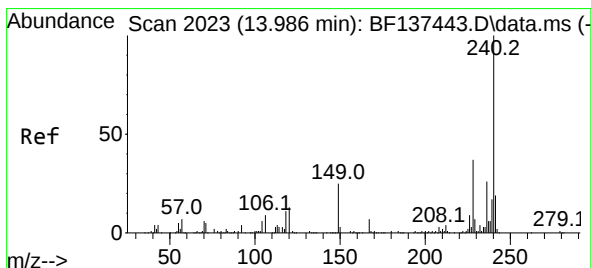
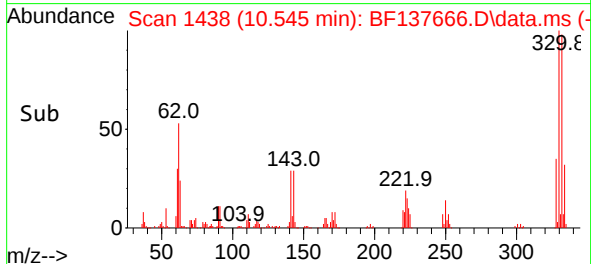
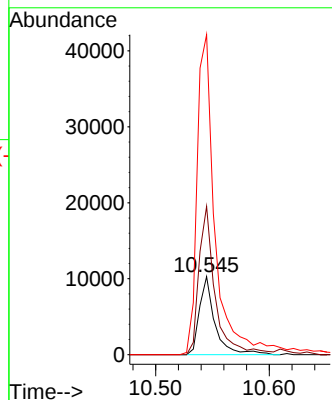
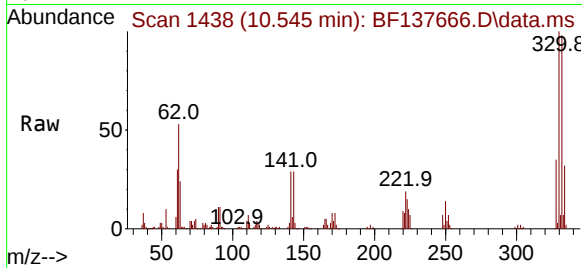




#67
4-Bromophenyl-phenylether
Concen: 2.691 ng
RT: 10.545 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF137666.D
Acq: 21 Mar 2024 17:56

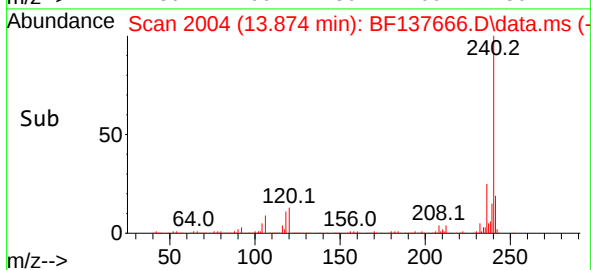
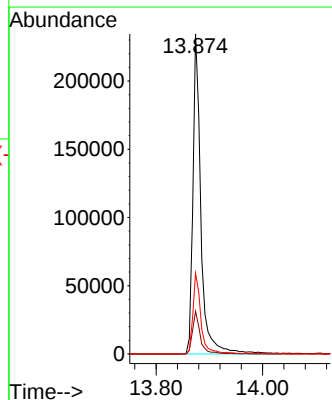
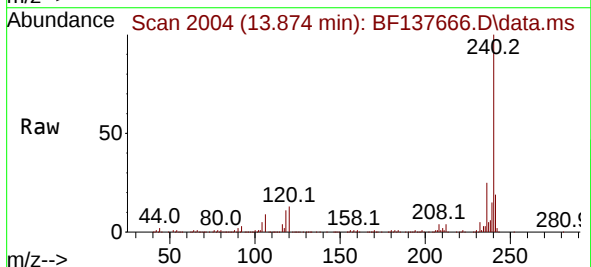
Instrument :
BNA_F
ClientSampleId :
72-12002

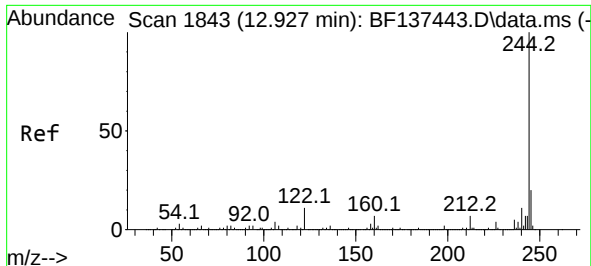
Tgt Ion:248 Resp: 9802
Ion Ratio Lower Upper
248 100
250 190.0 76.8 115.2#
141 410.0 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137666.D
Acq: 21 Mar 2024 17:56

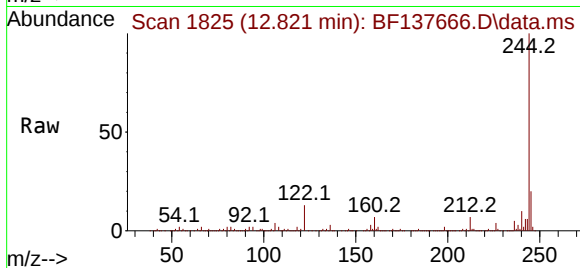
Tgt Ion:240 Resp: 246015
Ion Ratio Lower Upper
240 100
120 13.3 10.4 15.6
236 25.2 20.9 31.3



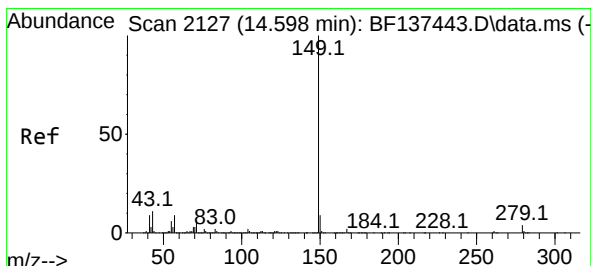
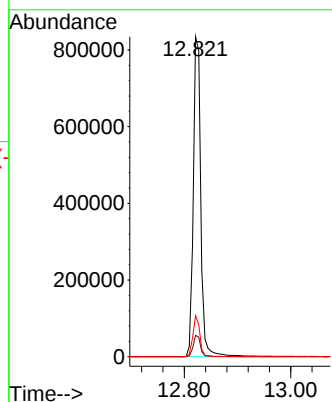
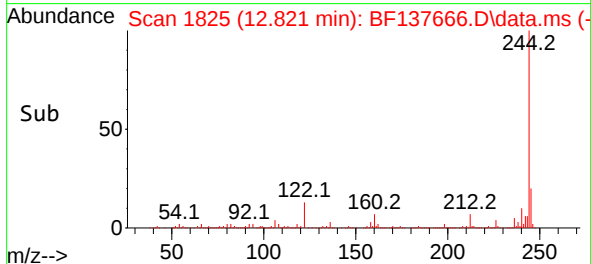


#79
 Terphenyl-d14
 Concen: 45.749 ng
 RT: 12.821 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF137666.D
 Acq: 21 Mar 2024 17:56

Instrument :
 BNA_F
 ClientSampleId :
 72-12002

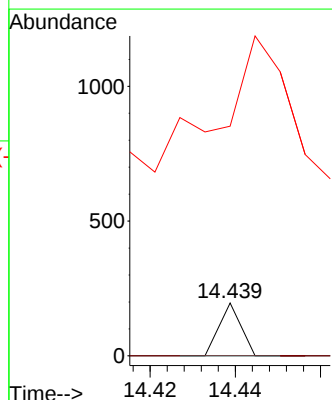
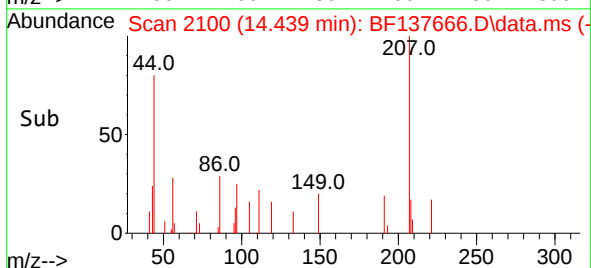
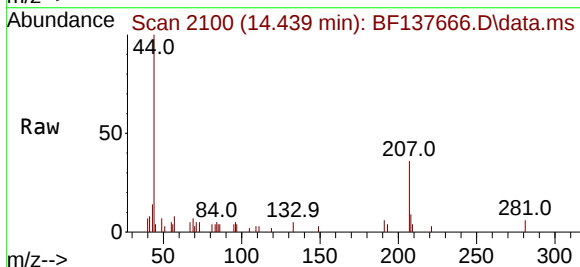


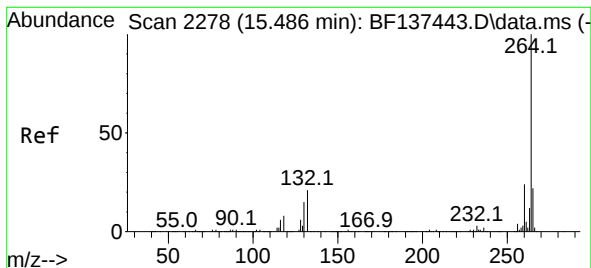
Tgt Ion:244 Resp: 818472
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 12.8 9.1 13.7



#85
 Di-n-octyl phthalate
 Concen: 5.611 ng
 RT: 14.439 min Scan# 2100
 Delta R.T. -0.036 min
 Lab File: BF137666.D
 Acq: 21 Mar 2024 17:56

Tgt Ion:149 Resp: 69
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 1034.8 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: BF137666.D

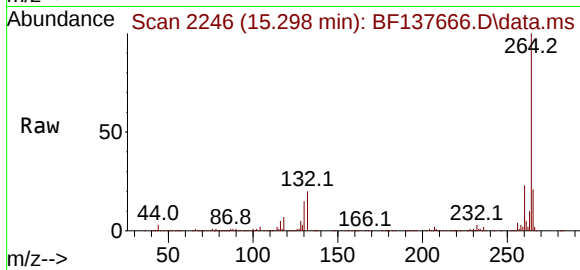
Acq: 21 Mar 2024 17:56

Instrument :

BNA_F

ClientSampleId :

72-12002



Tgt Ion:264 Resp: 272409

Ion Ratio Lower Upper

264 100

260 22.6 19.3 28.9

265 21.2 17.4 26.0

