

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
 Data File : BF137774.D
 Acq On : 30 Apr 2024 16:57
 Operator : CG\JU
 Sample : P2308-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12016

Quant Time: May 01 04:23:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

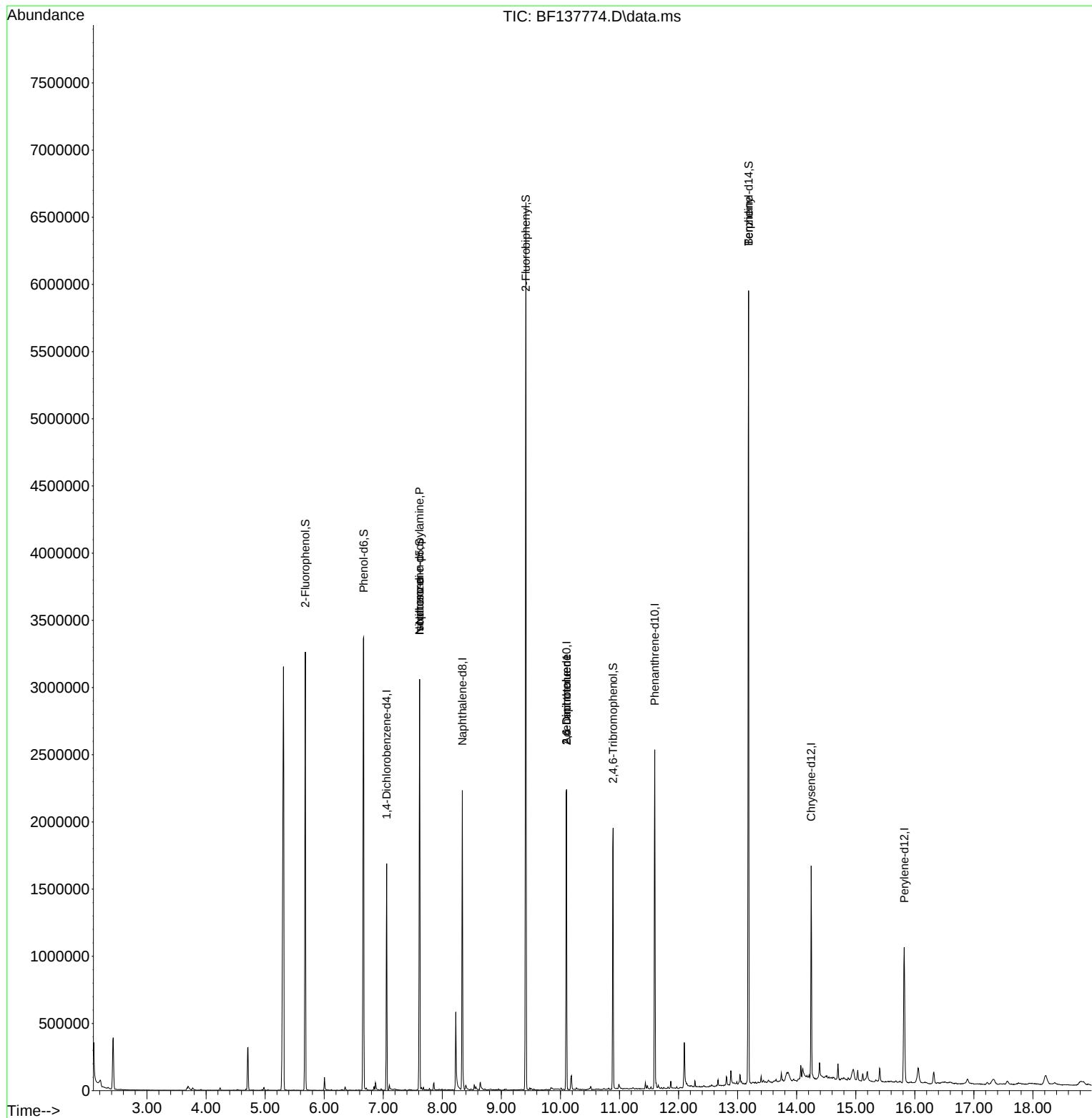
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	230601	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	891774	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	498175	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	844485	20.000	ng	0.00
76) Chrysene-d12	14.245	240	484050	20.000	ng	0.00
86) Perylene-d12	15.821	264	470168	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	856459	62.184	ng	0.00
7) Phenol-d6	6.669	99	1316054	75.333	ng	0.00
23) Nitrobenzene-d5	7.616	82	967418	63.026	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	240859	47.353	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1971783	64.213	ng	0.00
79) Terphenyl-d14	13.186	244	2032207	70.358	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.616	70	129009	12.357	ng	# 77
25) Isophorone	7.616	82	967405	34.956	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	65017	9.046	ng	# 26
57) 2,4-Dinitrotoluene	10.104	165	65017	6.924	ng	# 26
77) Benzidine	13.186	184	24169	2.159	ng	# 95

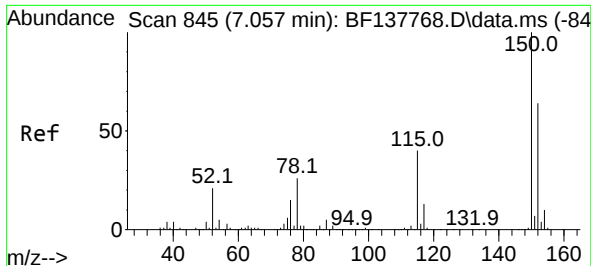
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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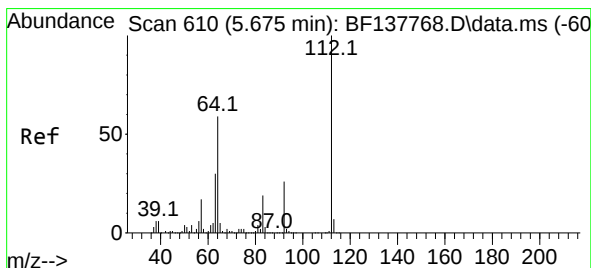
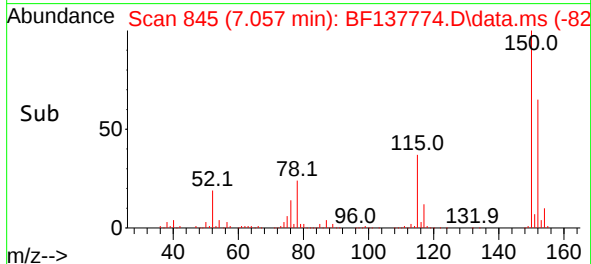
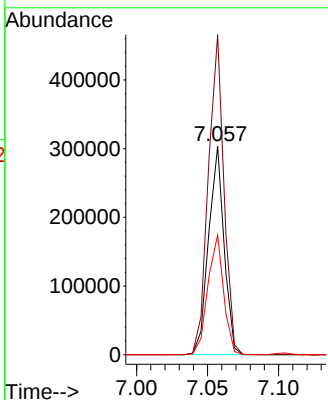
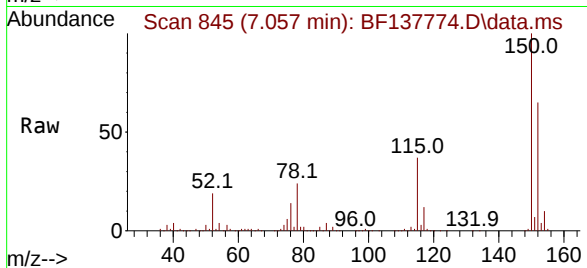




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137774.D
Acq: 30 Apr 2024 16:57

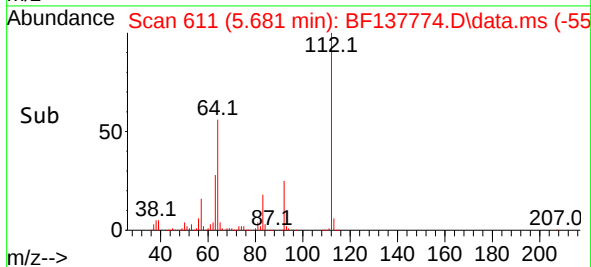
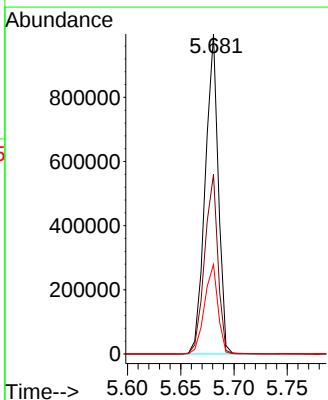
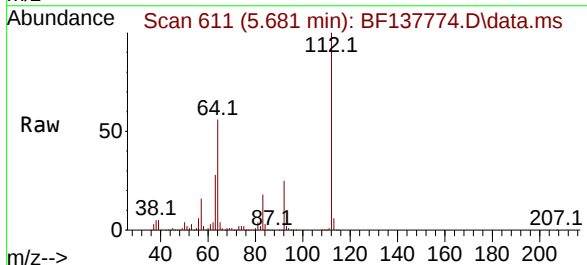
Instrument :
BNA_F
ClientSampleId :
72-12016

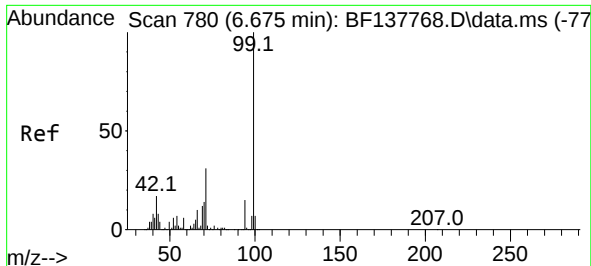
Tgt Ion:152 Resp: 230601
Ion Ratio Lower Upper
152 100
150 153.5 124.1 186.1
115 57.5 49.1 73.7



#5
2-Fluorophenol
Concen: 62.184 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137774.D
Acq: 30 Apr 2024 16:57

Tgt Ion:112 Resp: 856459
Ion Ratio Lower Upper
112 100
64 56.1 47.3 70.9
63 28.0 23.7 35.5





#7

Phenol-d6

Concen: 75.333 ng

RT: 6.669 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137774.D

Acq: 30 Apr 2024 16:57

Instrument :

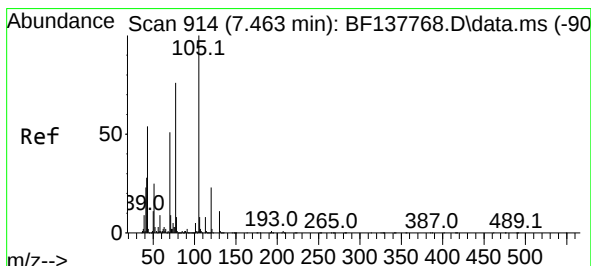
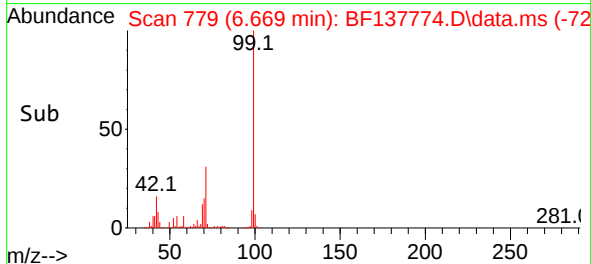
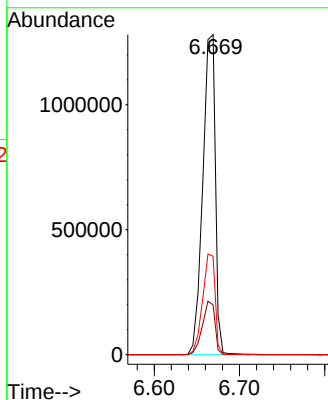
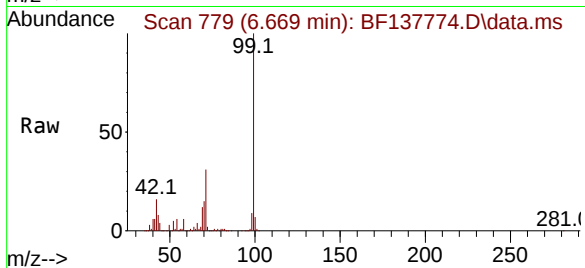
BNA_F

ClientSampleId :

72-12016

Tgt Ion: 99 Resp: 1316054

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.2	19.8
71	30.7	25.0	37.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.357 ng

RT: 7.616 min Scan# 940

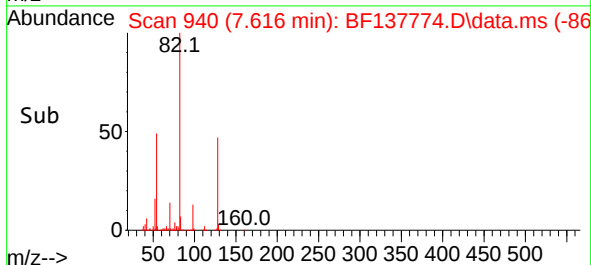
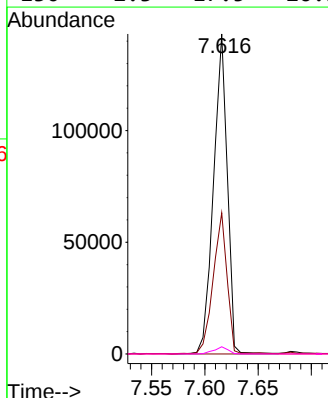
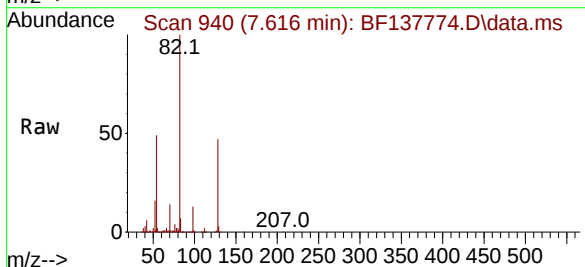
Delta R.T. 0.153 min

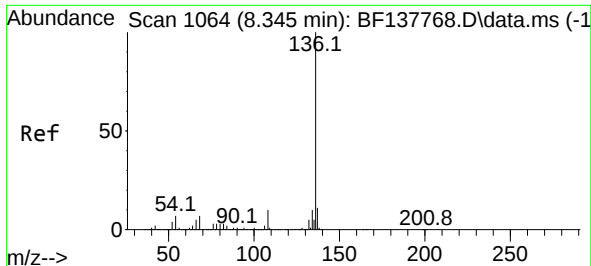
Lab File: BF137774.D

Acq: 30 Apr 2024 16:57

Tgt Ion: 70 Resp: 129009

Ion	Ratio	Lower	Upper
70	100		
42	44.1	44.6	66.8#
101	0.0	7.8	11.6#
130	2.3	17.5	26.3#



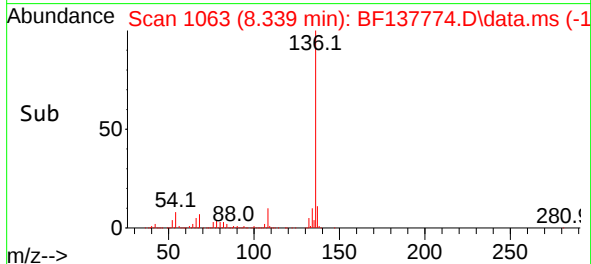
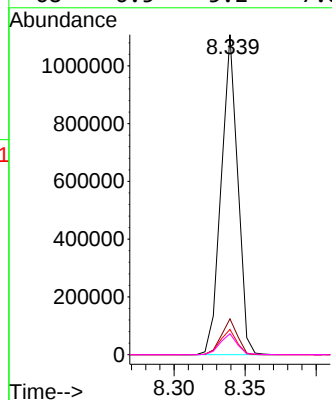
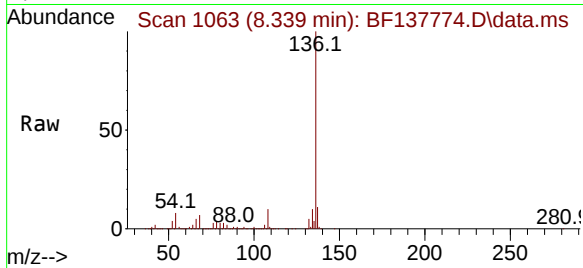


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137774.D
Acq: 30 Apr 2024 16:57

Instrument :
BNA_F
ClientSampleId :
72-12016

Tgt Ion:136 Resp: 891774

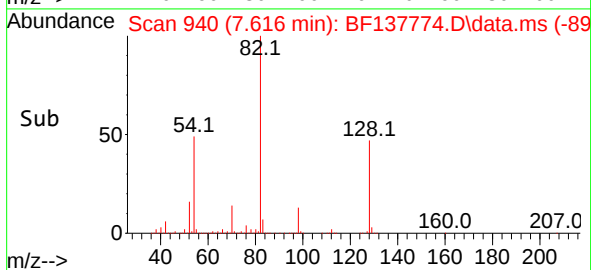
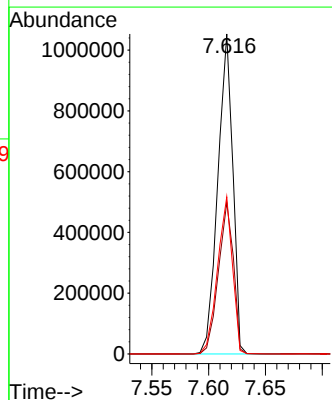
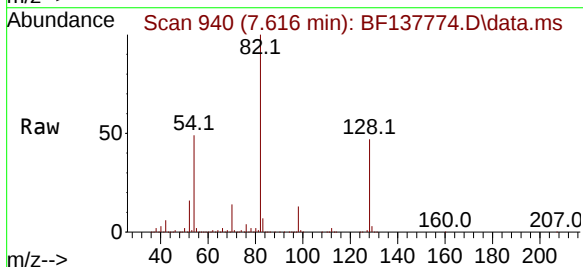
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.9	5.8	8.8
68	6.5	5.2	7.8

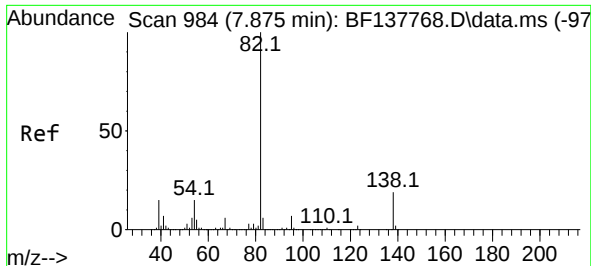


#23
Nitrobenzene-d5
Concen: 63.026 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137774.D
Acq: 30 Apr 2024 16:57

Tgt Ion: 82 Resp: 967418

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.5	56.3
54	49.1	39.8	59.6

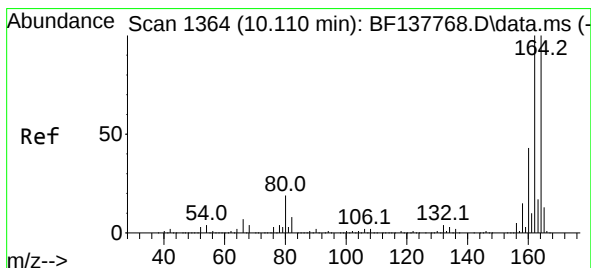
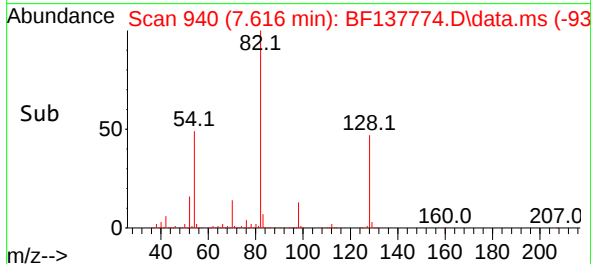
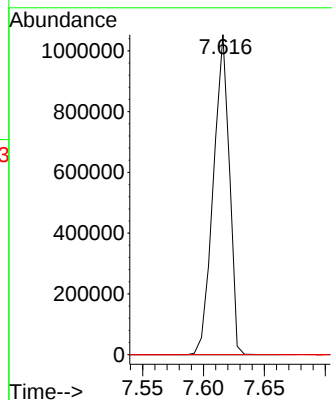
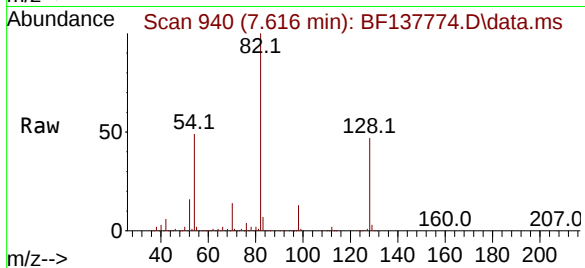




#25
Isophorone
Concen: 34.956 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137774.D
Acq: 30 Apr 2024 16:57

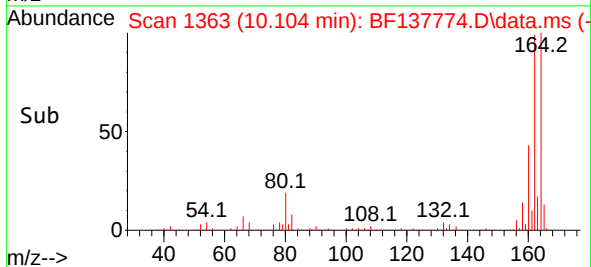
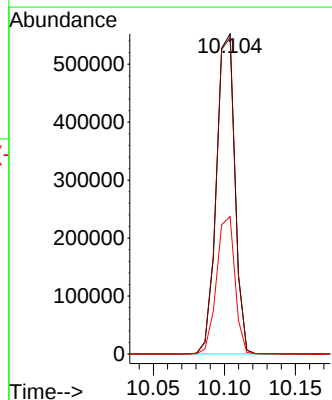
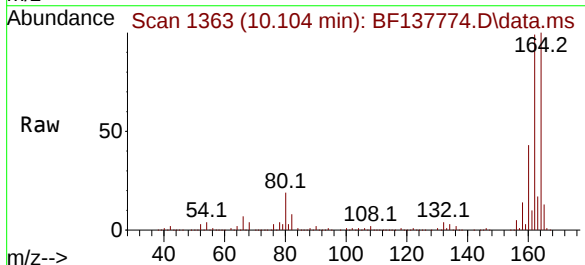
Instrument :
BNA_F
ClientSampleId :
72-12016

Tgt Ion: 82 Resp: 967405
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF137774.D
Acq: 30 Apr 2024 16:57

Tgt Ion:164 Resp: 498175
Ion Ratio Lower Upper
164 100
162 98.9 79.8 119.6
160 43.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 47.353 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137774.D

Acq: 30 Apr 2024 16:57

Instrument :

BNA_F

ClientSampleId :

72-12016

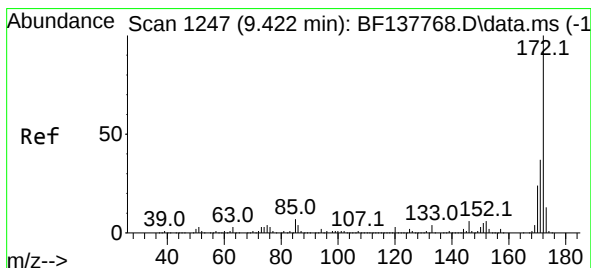
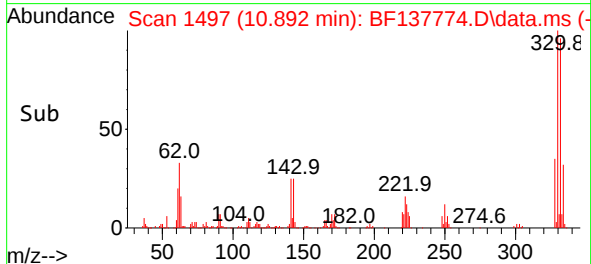
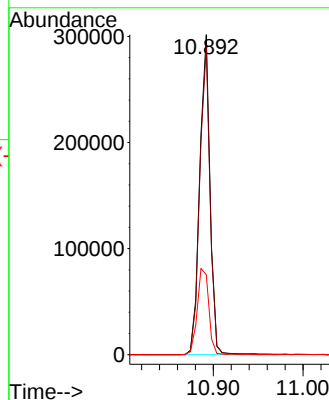
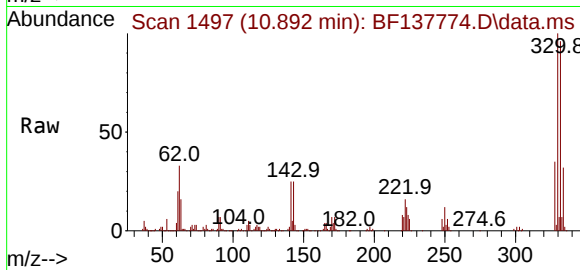
Tgt Ion:330 Resp: 240859

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 30.2 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 64.213 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137774.D

Acq: 30 Apr 2024 16:57

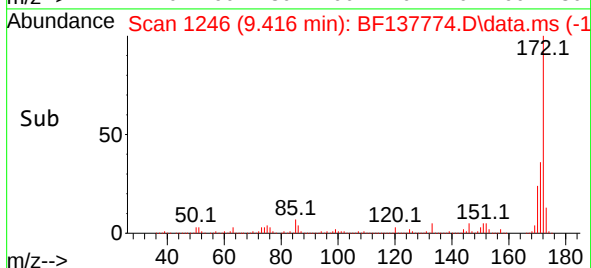
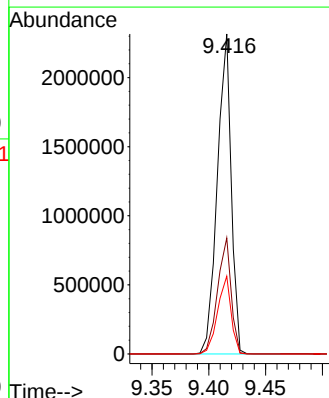
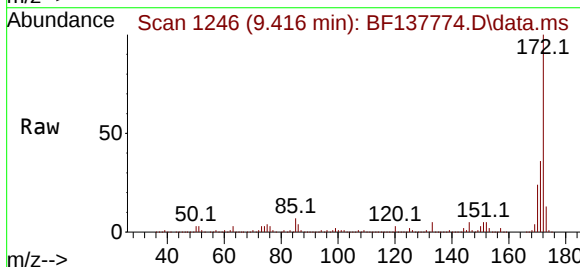
Tgt Ion:172 Resp: 1971783

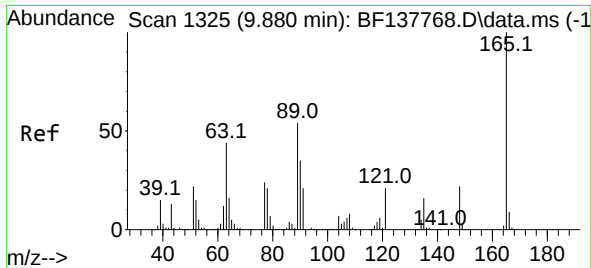
Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

170 24.3 19.4 29.2

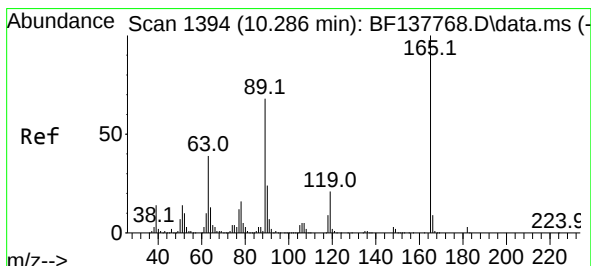
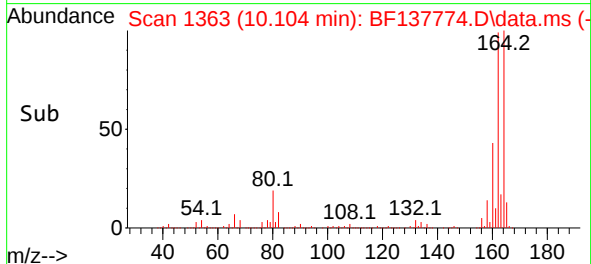
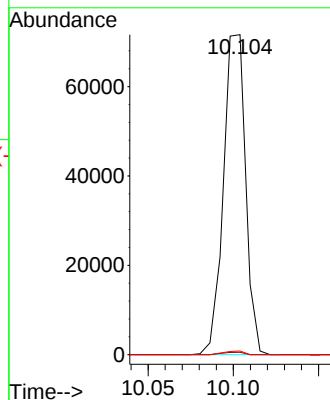
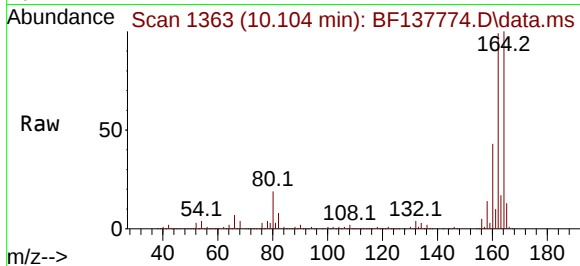




#51
2,6-Dinitrotoluene
Concen: 9.046 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.223 min
Lab File: BF137774.D
Acq: 30 Apr 2024 16:57

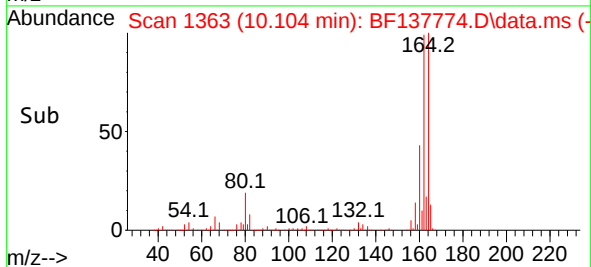
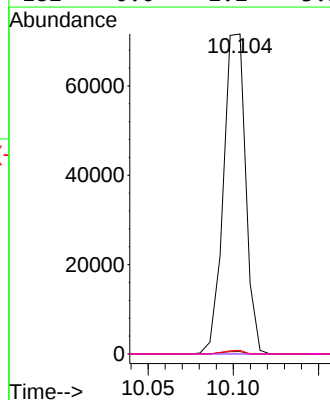
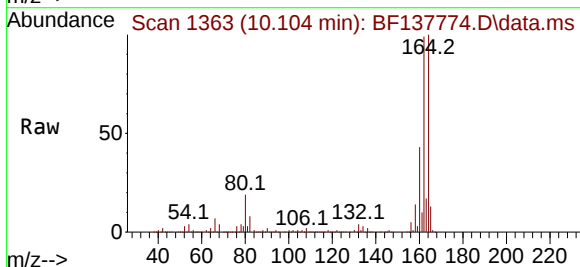
Instrument :
BNA_F
ClientSampleId :
72-12016

Tgt Ion:165 Resp: 65017
Ion Ratio Lower Upper
165 100
63 0.8 41.9 62.9#
89 1.2 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.924 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.182 min
Lab File: BF137774.D
Acq: 30 Apr 2024 16:57

Tgt Ion:165 Resp: 65017
Ion Ratio Lower Upper
165 100
63 0.8 31.3 46.9#
89 1.2 54.2 81.4#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137774.D

Acq: 30 Apr 2024 16:57

Instrument :

BNA_F

ClientSampleId :

72-12016

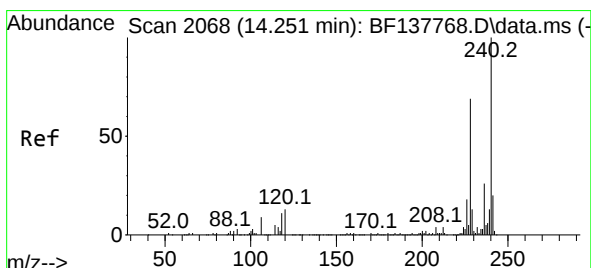
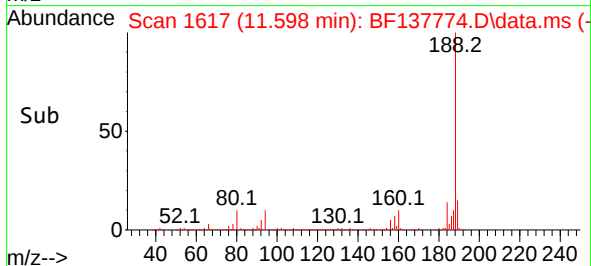
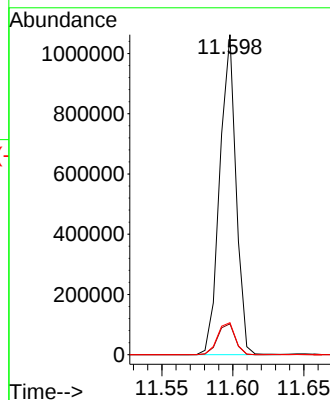
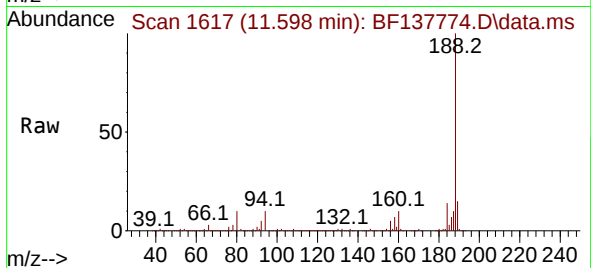
Tgt Ion:188 Resp: 844485

Ion Ratio Lower Upper

188 100

94 9.7 8.8 13.2

80 10.0 9.6 14.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BF137774.D

Acq: 30 Apr 2024 16:57

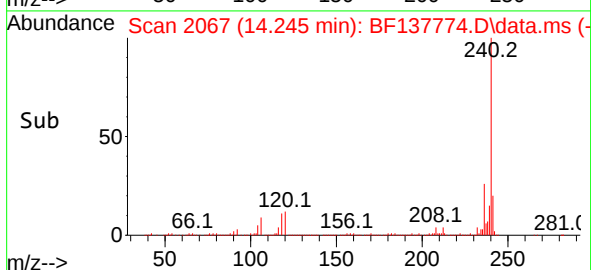
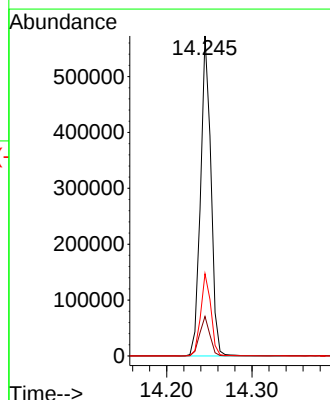
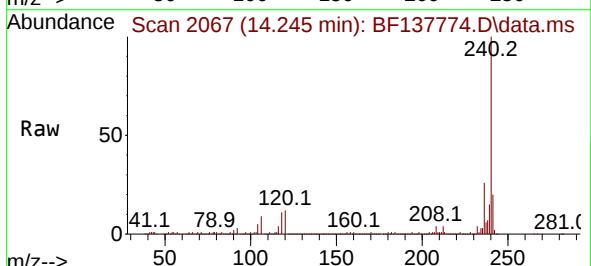
Tgt Ion:240 Resp: 484050

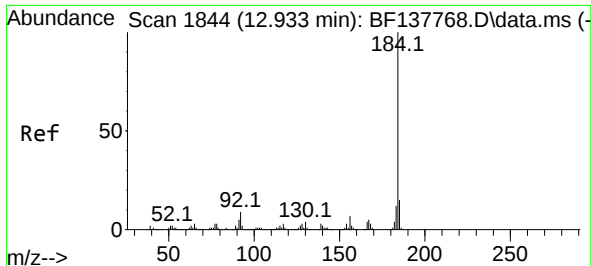
Ion Ratio Lower Upper

240 100

120 12.4 10.4 15.6

236 25.7 20.4 30.6

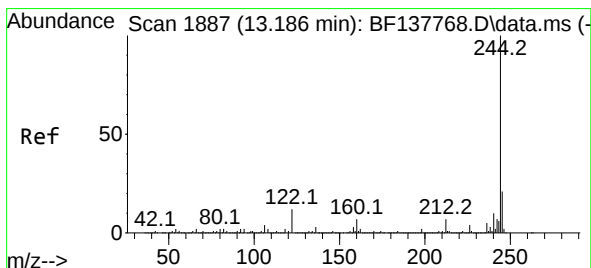
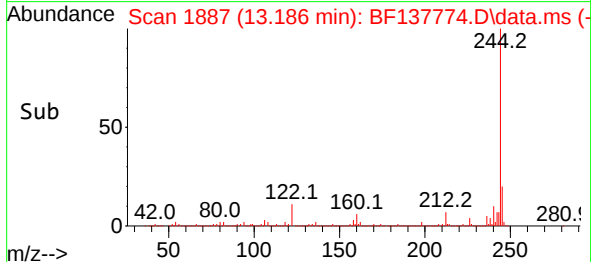
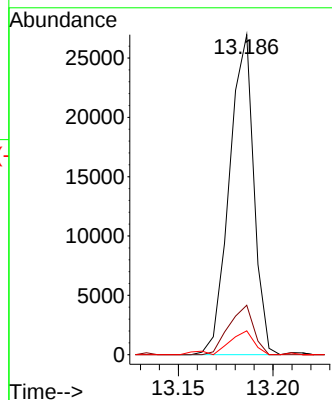
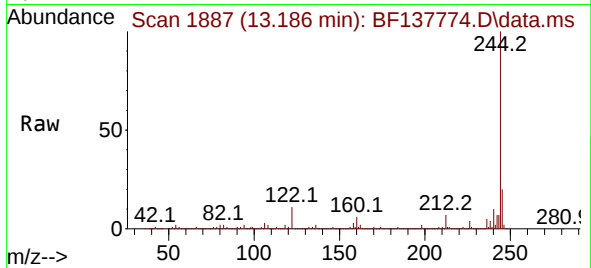




#77
Benzidine
Concen: 2.159 ng
RT: 13.186 min Scan# 1887
Delta R.T. 0.253 min
Lab File: BF137774.D
Acq: 30 Apr 2024 16:57

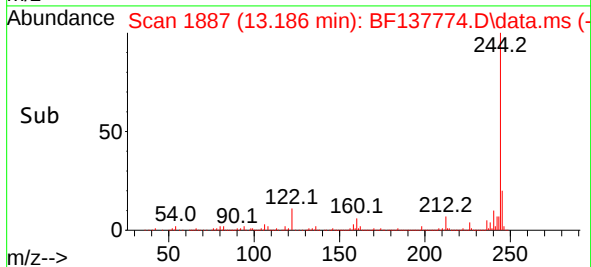
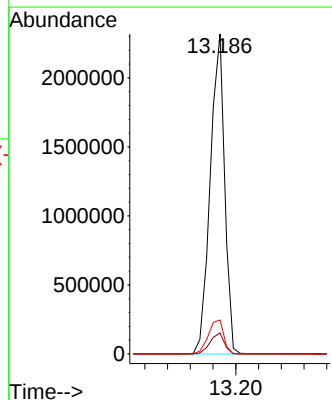
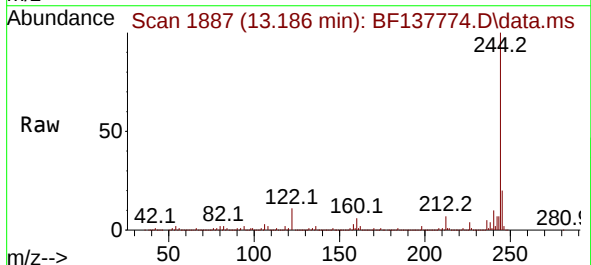
Instrument :
BNA_F
ClientSampleId :
72-12016

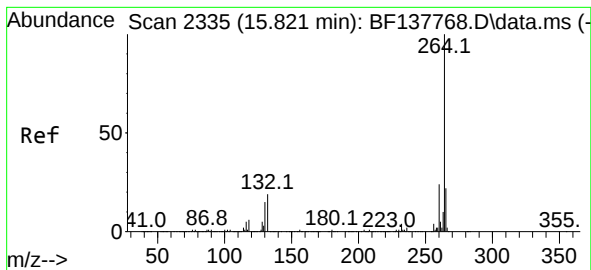
Tgt Ion:184 Resp: 24169
Ion Ratio Lower Upper
184 100
185 15.5 12.3 18.5
183 7.5 9.2 13.8#



#79
Terphenyl-d14
Concen: 70.358 ng
RT: 13.186 min Scan# 1887
Delta R.T. -0.000 min
Lab File: BF137774.D
Acq: 30 Apr 2024 16:57

Tgt Ion:244 Resp: 2032207
Ion Ratio Lower Upper
244 100
212 6.6 5.5 8.3
122 10.6 9.4 14.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.821 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF137774.D
 Acq: 30 Apr 2024 16:57

Instrument :
 BNA_F
 ClientSampleId :
 72-12016

Tgt Ion:264 Resp: 470168
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 20.9 17.4 26.0

