

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031524\
 Data File : BF137619.D
 Acq On : 15 Mar 2024 20:03
 Operator : CG\JU
 Sample : P1771-07 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Quant Time: Mar 15 23:24:35 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

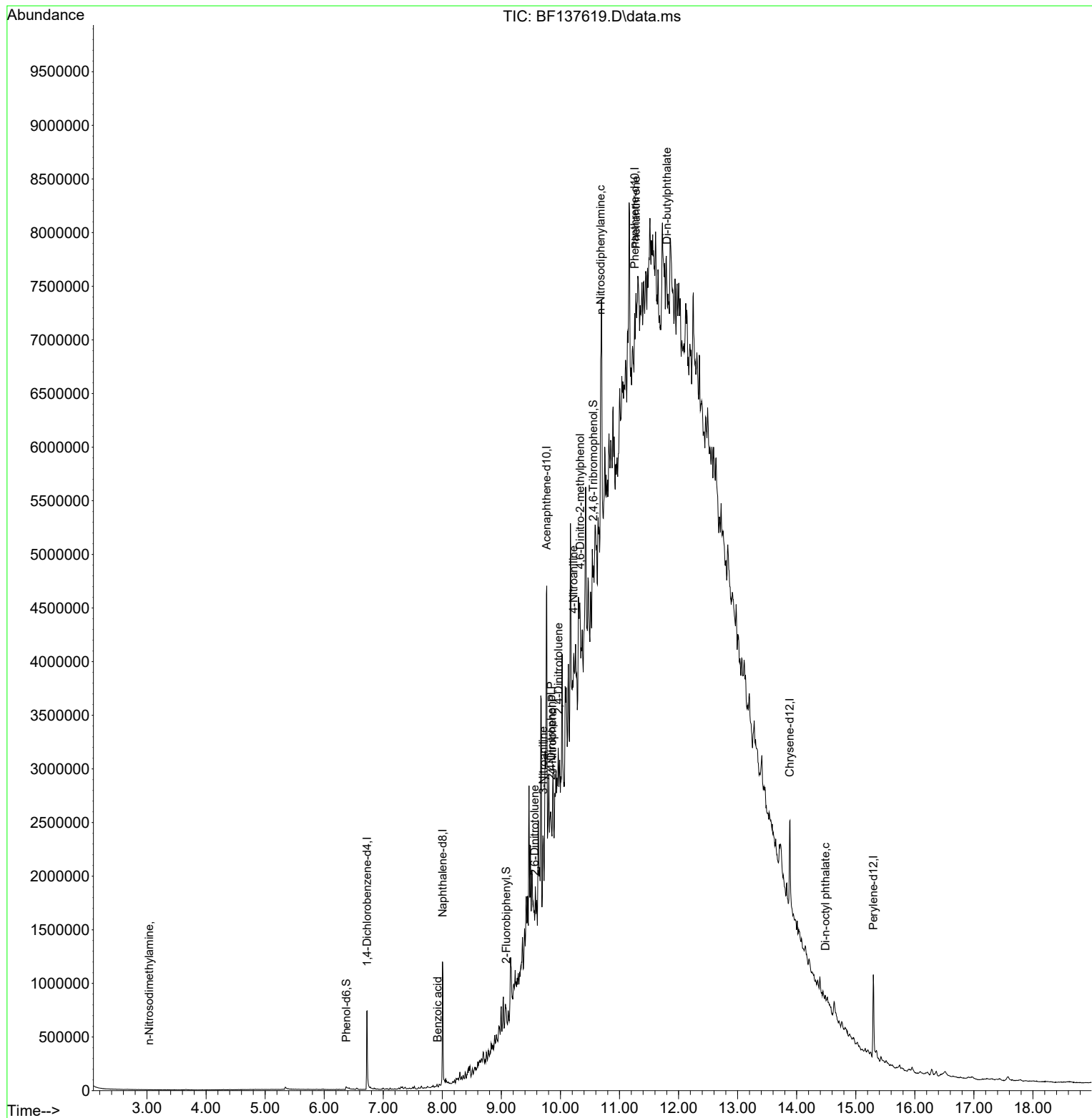
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	129637	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	520679	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	227007	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	287006	20.000	ng	# 0.02
76) Chrysene-d12	13.880	240	296123	20.000	ng	# 0.00
86) Perylene-d12	15.298	264	354585	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	15559	1.818	ng	0.01
7) Phenol-d6	6.375	99	27718	2.243	ng	0.00
23) Nitrobenzene-d5	7.298	82	16325	1.457	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	5653	2.836	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	49879	3.439	ng	0.00
79) Terphenyl-d14	12.839	244	35870	1.666	ng	0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.040	42	180	3.845	ng	# 1
32) Benzoic acid	7.922	122	367	6.365	ng	# 47
51) 2,6-Dinitrotoluene	9.563	165	8742	2.645	ng	# 31
53) 3-Nitroaniline	9.710	138	11081	3.170	ng	# 18
54) 2,4-Dinitrophenol	9.845	184	473	8.488	ng	# 1
56) 4-Nitrophenol	9.863	139	7035	7.195	ng	# 1
57) 2,4-Dinitrotoluene	9.969	165	9625	2.370	ng	# 55
62) 4-Nitroaniline	10.222	138	26240	8.733	ng	85
65) 4,6-Dinitro-2-methylph...	10.333	198	3994	2.497	ng	# 1
66) n-Nitrosodiphenylamine	10.680	169	138617	14.999	ng	92
71) Phenanthrene	11.280	178	138518	8.868	ng	# 70
74) Di-n-butylphthalate	11.804	149	34958	2.138	ng	# 35
85) Di-n-octyl phthalate	14.486	149	2749	5.740	ng	# 60

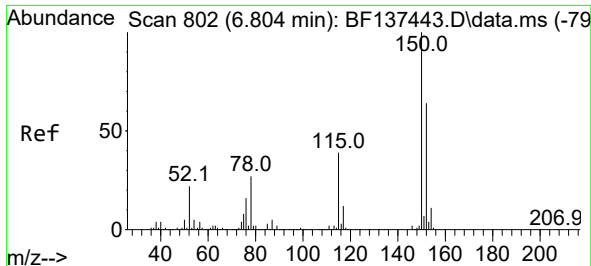
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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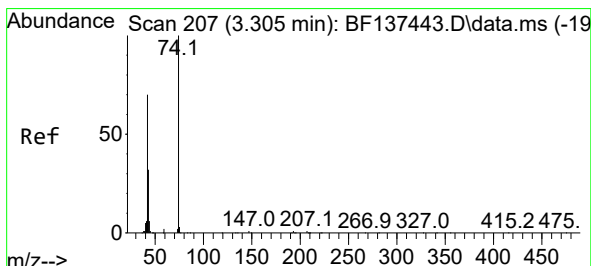
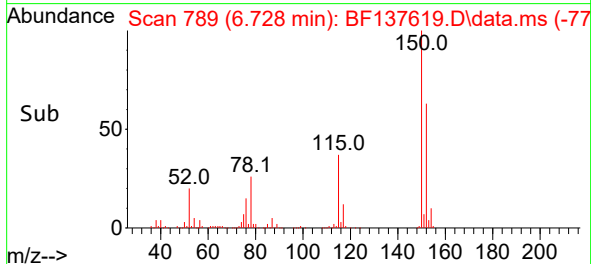
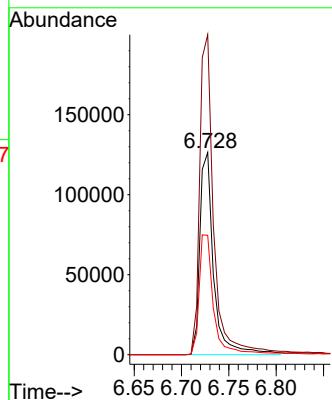
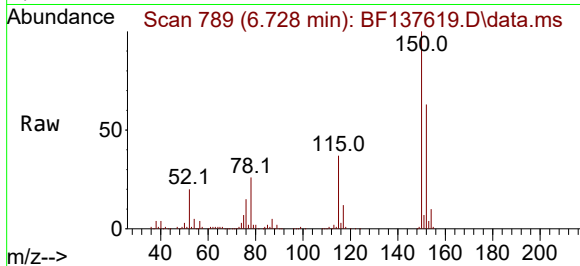




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

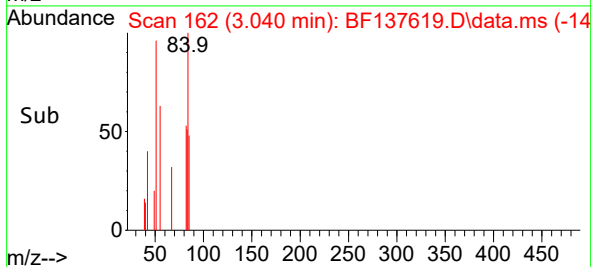
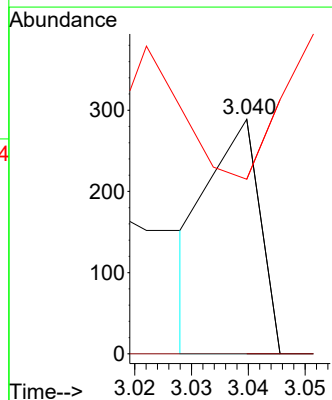
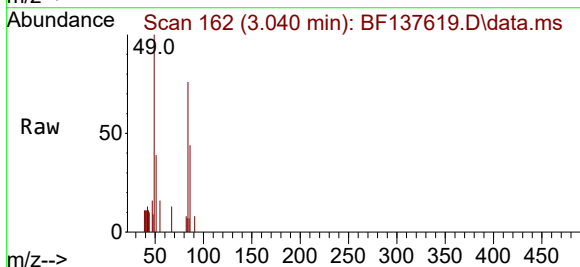
Instrument :
BNA_F
ClientSampleId :
COMP-4

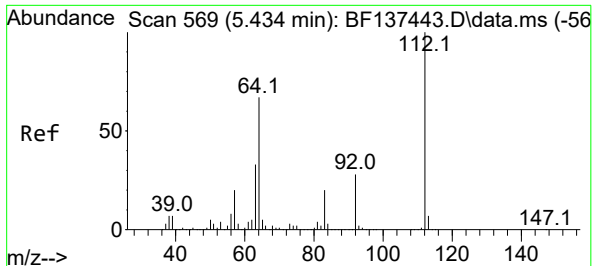
Tgt Ion:152 Resp: 129637
Ion Ratio Lower Upper
152 100
150 158.3 125.8 188.6
115 59.0 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.845 ng
RT: 3.040 min Scan# 162
Delta R.T. -0.000 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

Tgt Ion: 42 Resp: 180
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 74.4 7.0 10.4#

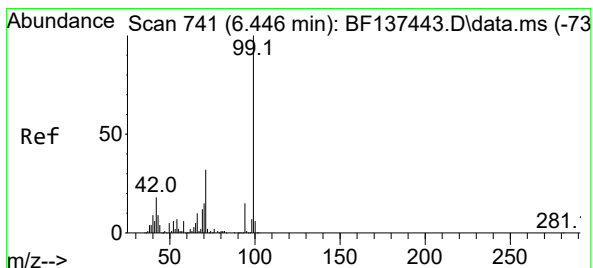
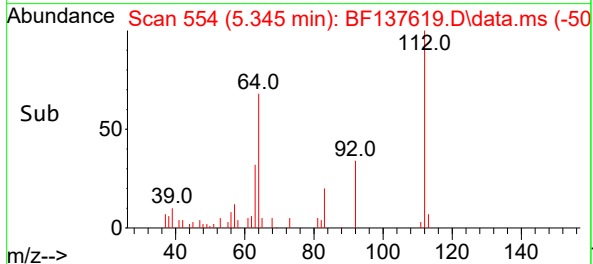
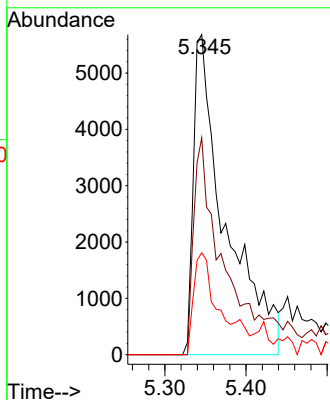
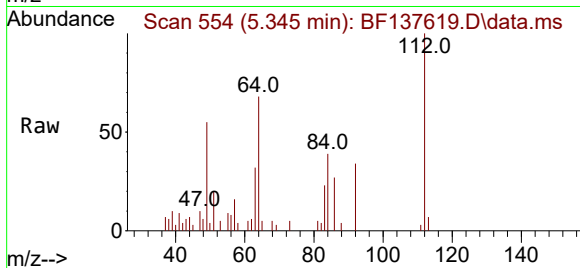




#5
2-Fluorophenol
Concen: 1.818 ng
RT: 5.345 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

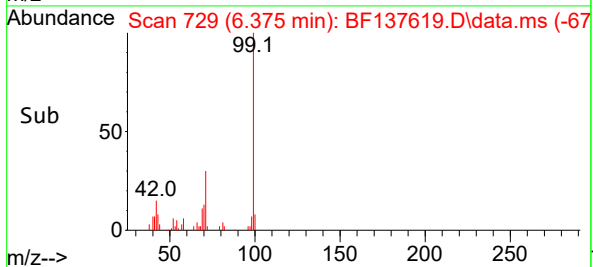
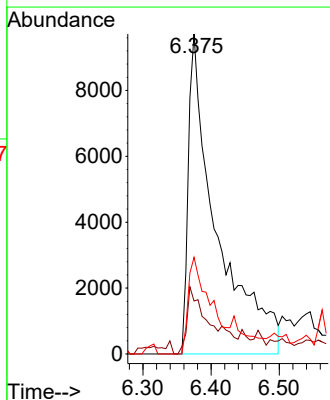
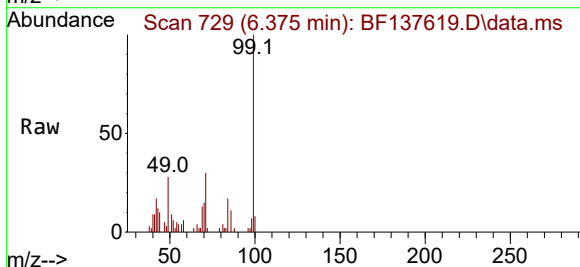
Instrument :
BNA_F
ClientSampleId :
COMP-4

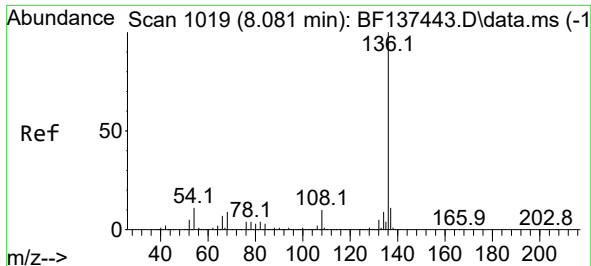
Tgt Ion:	112	Resp:	15559
Ion	Ratio	Lower	Upper
112	100		
64	67.8	53.4	80.2
63	31.9	26.2	39.2



#7
Phenol-d6
Concen: 2.243 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

Tgt Ion:	99	Resp:	27718
Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.6	21.8
71	30.2	25.3	37.9

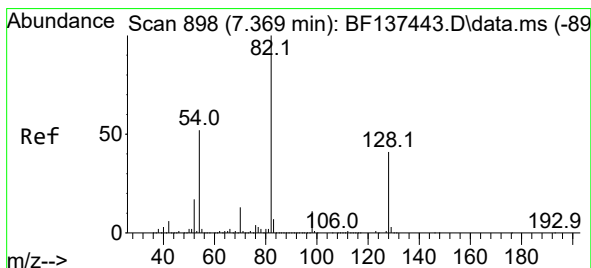
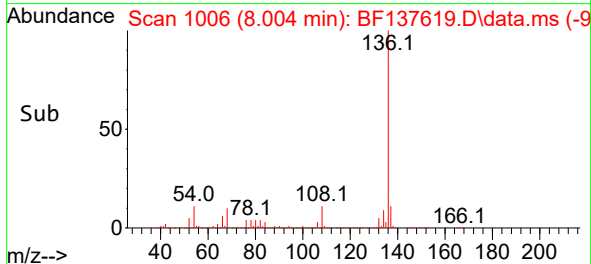
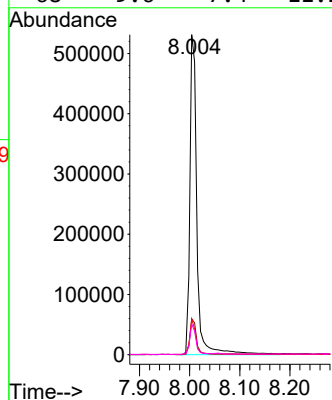
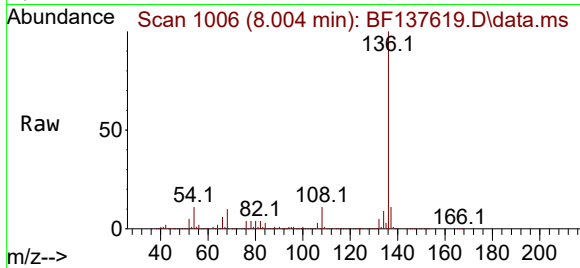




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

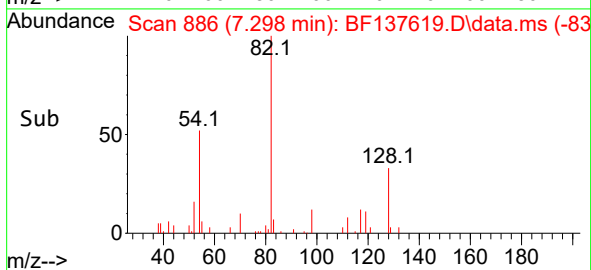
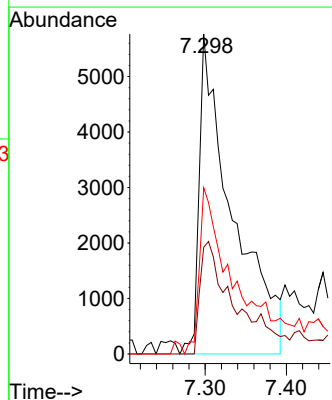
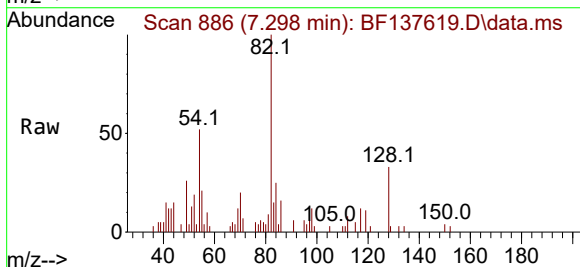
Instrument :
BNA_F
ClientSampleId :
COMP-4

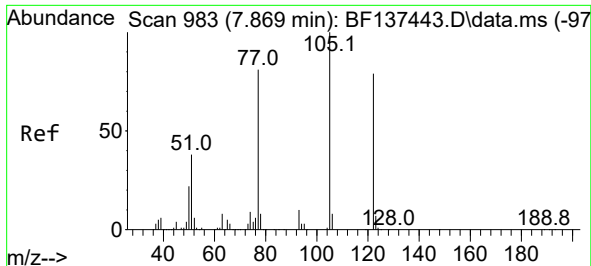
Tgt Ion:136 Resp: 520679
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 11.1 8.5 12.7
68 9.6 7.4 11.2



#23
Nitrobenzene-d5
Concen: 1.457 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

Tgt Ion: 82 Resp: 16325
Ion Ratio Lower Upper
82 100
128 33.4 32.5 48.7
54 52.0 41.5 62.3

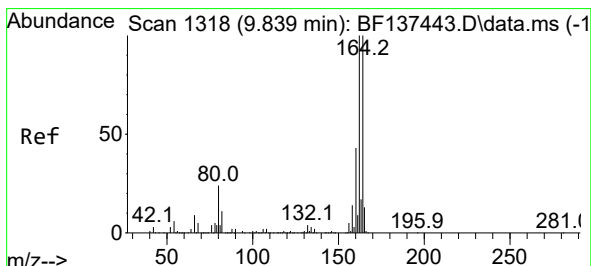
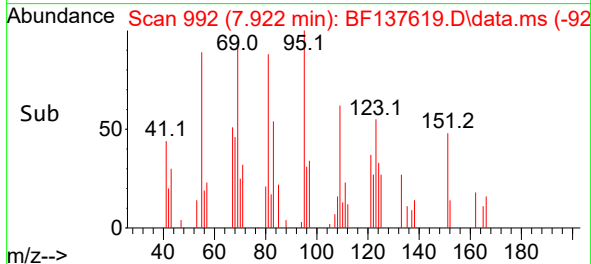
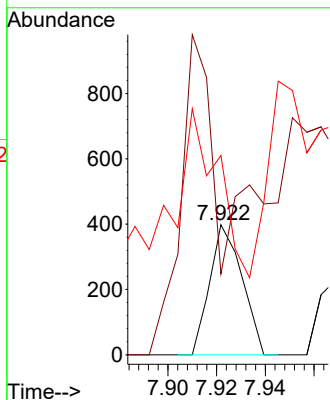
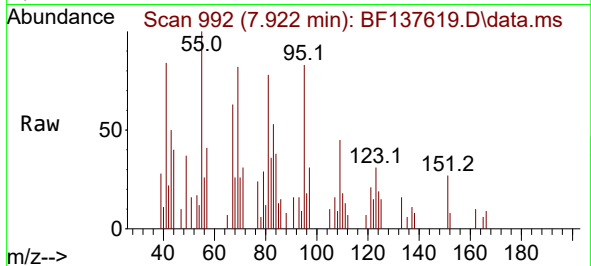




#32
Benzoic acid
Concen: 6.365 ng
RT: 7.922 min Scan# 91
Delta R.T. 0.123 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

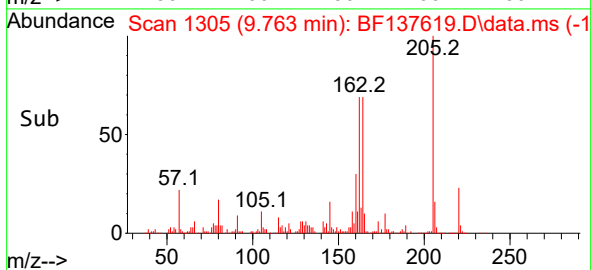
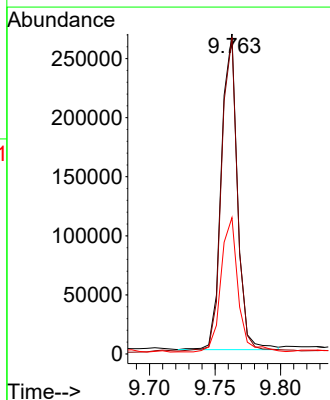
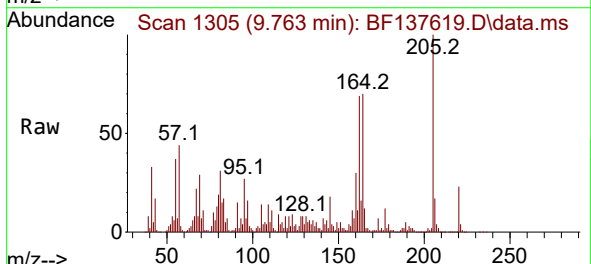
Instrument :
BNA_F
ClientSampleId :
COMP-4

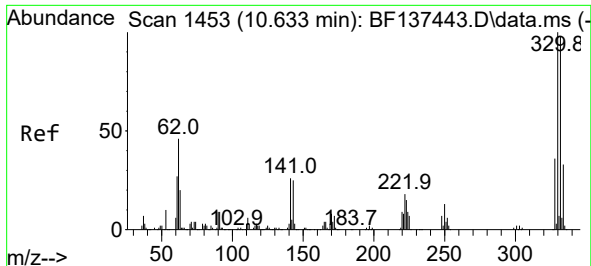
Tgt Ion:122 Resp: 367
Ion Ratio Lower Upper
122 100
105 62.3 102.4 142.4#
77 153.3 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

Tgt Ion:164 Resp: 227007
Ion Ratio Lower Upper
164 100
162 98.9 79.8 119.8
160 42.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 2.836 ng

RT: 10.557 min Scan# 1453

Delta R.T. 0.006 min

Lab File: BF137619.D

Acq: 15 Mar 2024 20:03

Instrument :

BNA_F

ClientSampleId :

COMP-4

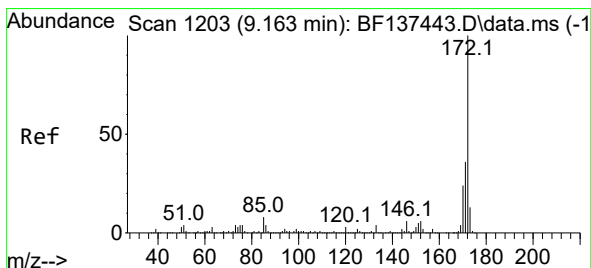
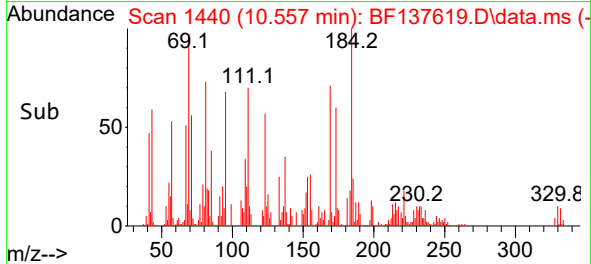
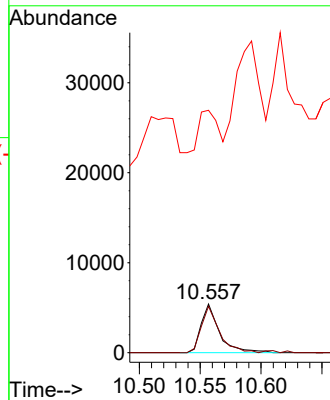
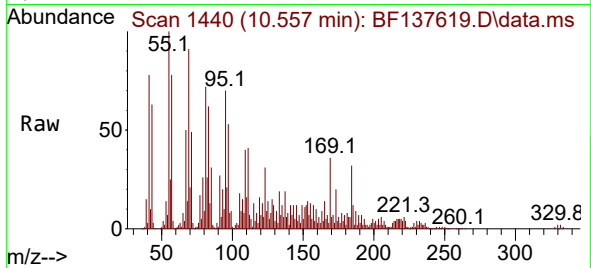
Tgt Ion:330 Resp: 5653

Ion Ratio Lower Upper

330 100

332 94.0 78.0 117.0

141 89.5 27.3 40.9#



#45

2-Fluorobiphenyl

Concen: 3.439 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137619.D

Acq: 15 Mar 2024 20:03

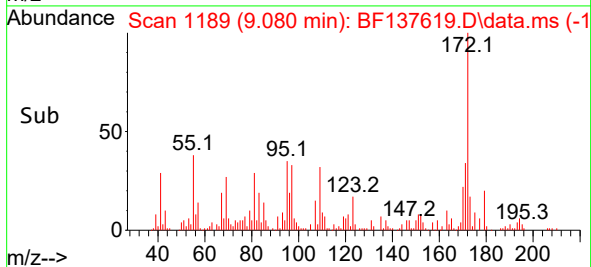
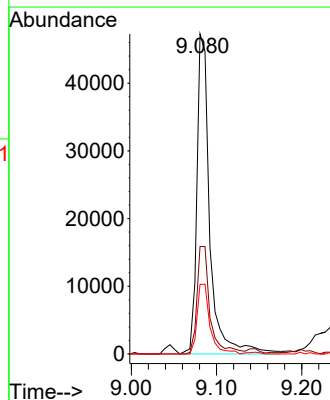
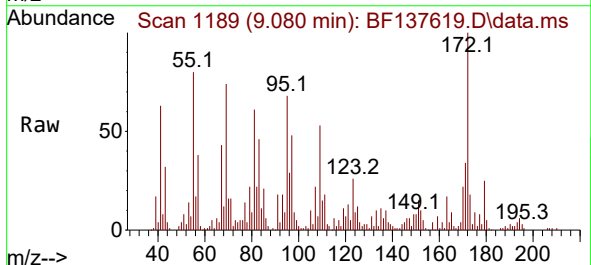
Tgt Ion:172 Resp: 49879

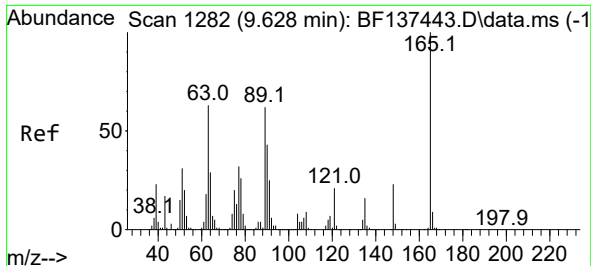
Ion Ratio Lower Upper

172 100

171 33.6 28.5 42.7

170 21.7 19.0 28.6

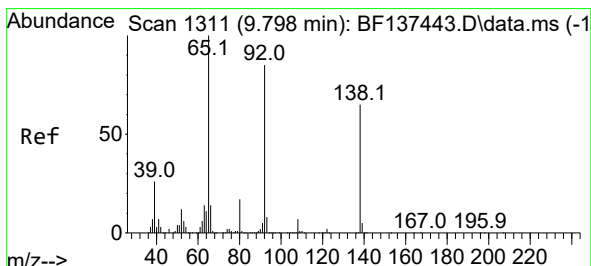
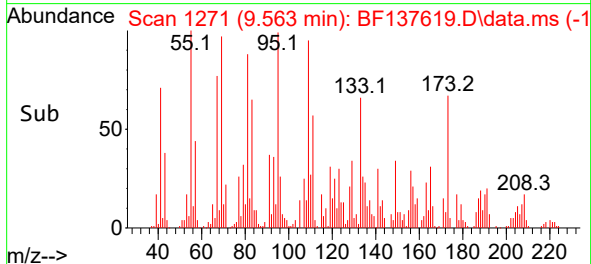
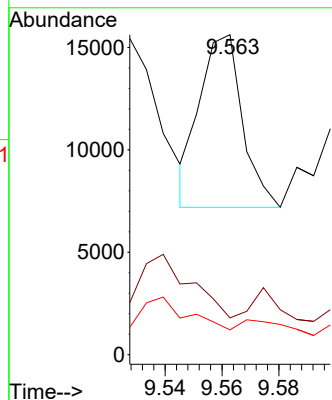
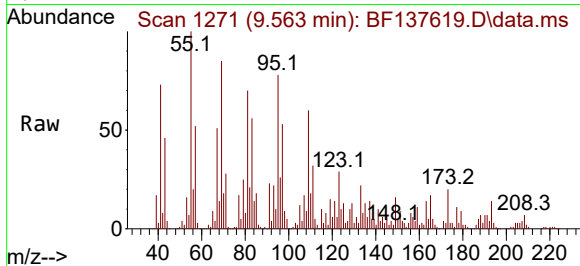




#51
2,6-Dinitrotoluene
Concen: 2.645 ng
RT: 9.563 min Scan# 1282
Delta R.T. 0.012 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

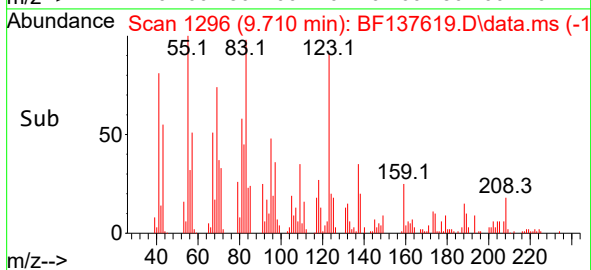
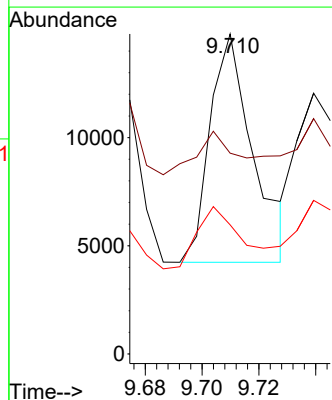
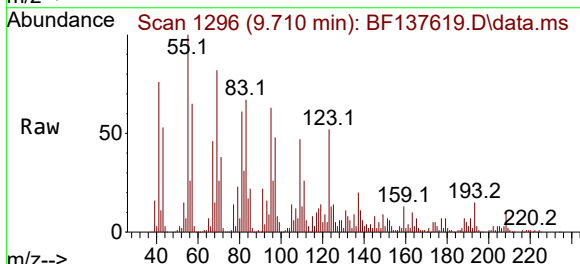
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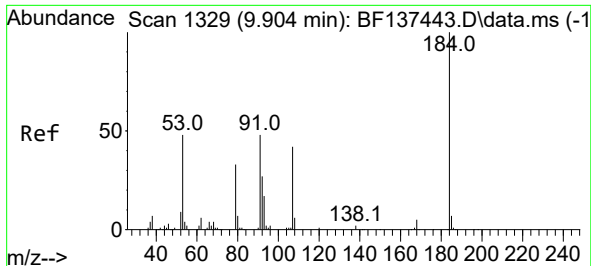
Tgt Ion:165 Resp: 8742
Ion Ratio Lower Upper
165 100
63 11.5 50.7 76.1#
89 7.8 50.0 75.0#



#53
3-Nitroaniline
Concen: 3.170 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

Tgt Ion:138 Resp: 11081
Ion Ratio Lower Upper
138 100
108 62.7 9.1 13.7#
92 40.3 104.6 157.0#

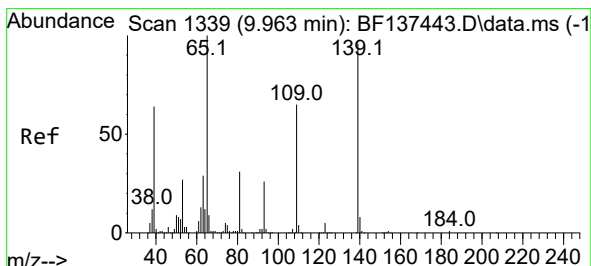
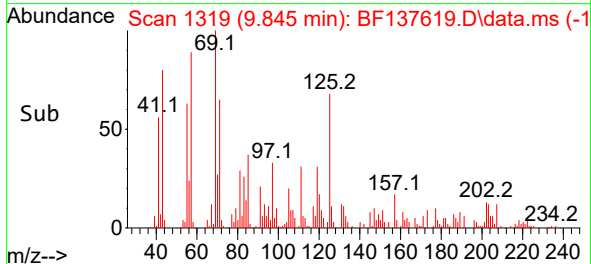
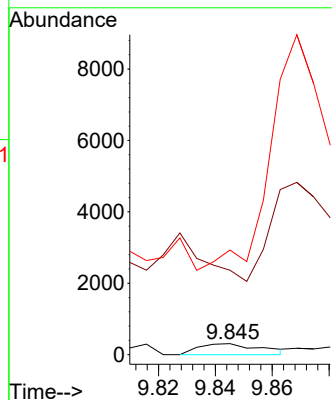
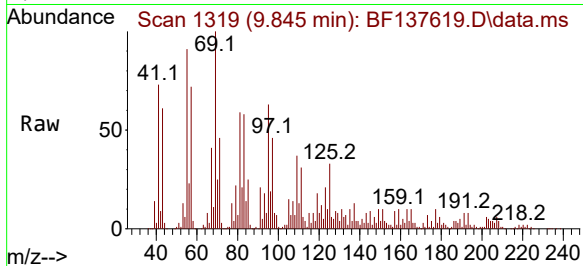




#54
2,4-Dinitrophenol
Concen: 8.488 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

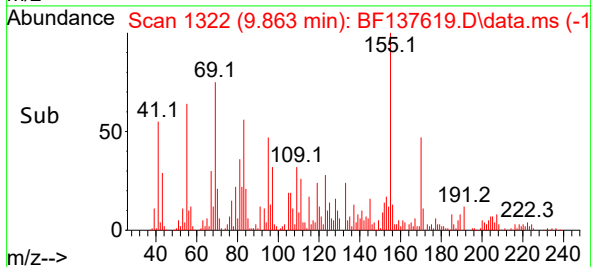
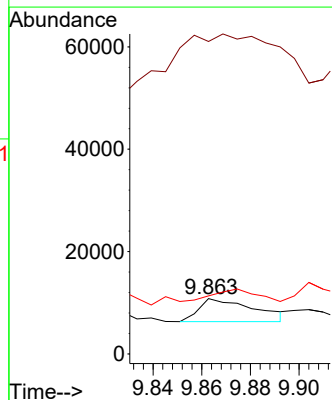
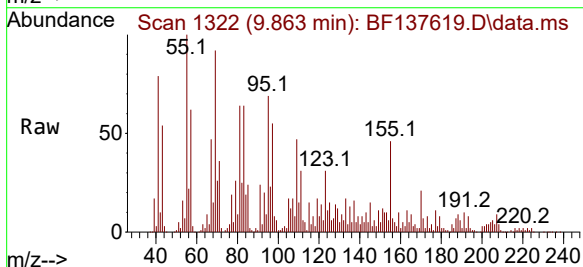
Instrument :
BNA_F
ClientSampleId :
COMP-4

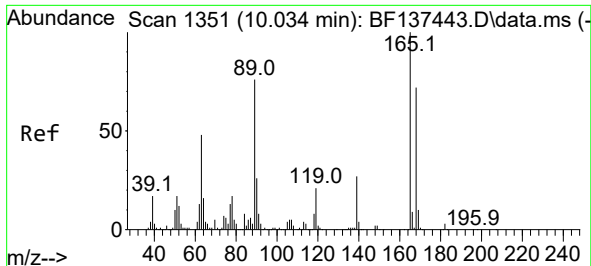
Tgt Ion:184 Resp: 473
Ion Ratio Lower Upper
184 100
63 760.5 53.3 79.9#
154 942.8 47.4 71.0#



#56
4-Nitrophenol
Concen: 7.195 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.024 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

Tgt Ion:139 Resp: 7035
Ion Ratio Lower Upper
139 100
109 564.9 47.1 87.1#
65 105.0 85.1 125.1

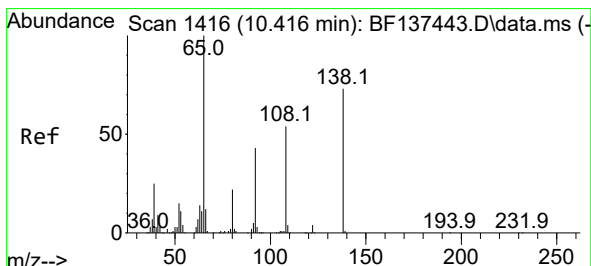
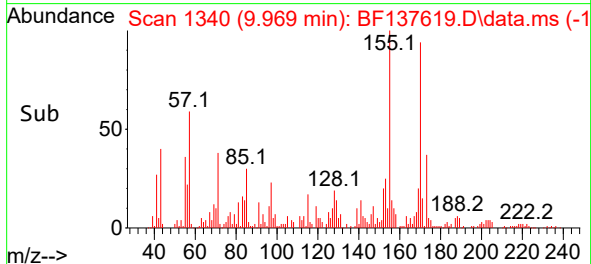
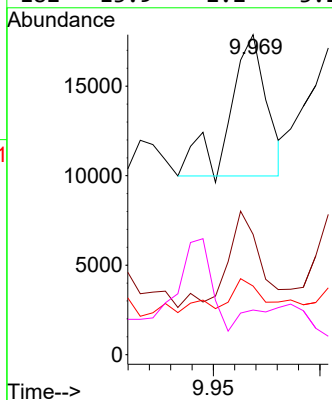
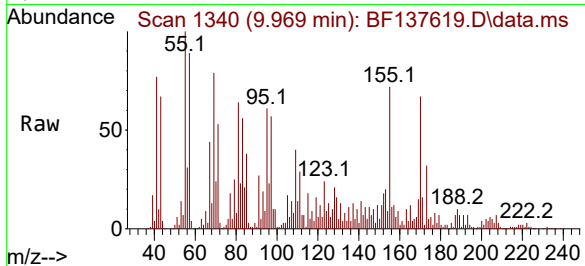




#57
2,4-Dinitrotoluene
Concen: 2.370 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

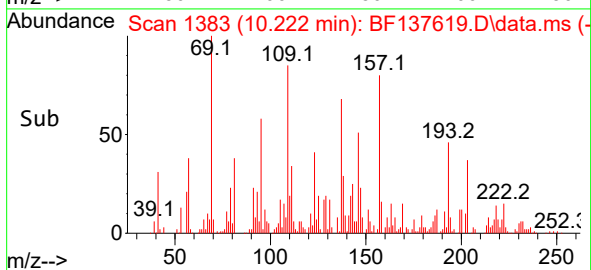
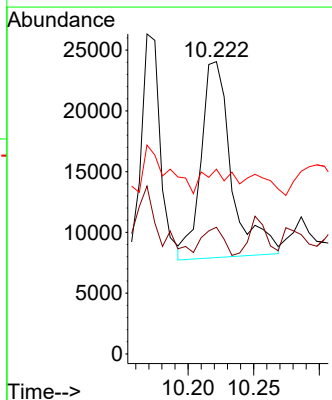
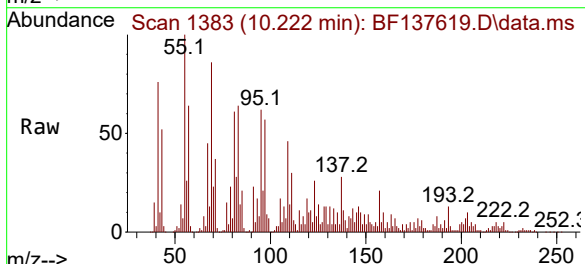
Instrument :
BNA_F
ClientSampleId :
COMP-4

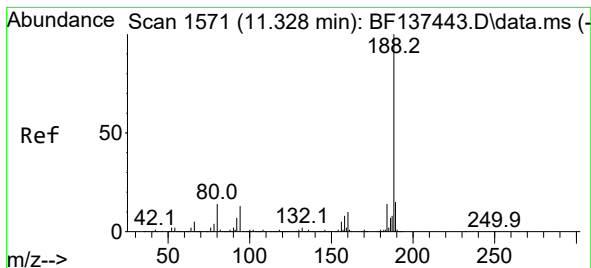
Tgt Ion:165 Resp: 9625
Ion Ratio Lower Upper
165 100
63 37.6 39.0 58.6#
89 21.5 60.9 91.3#
182 13.9 2.2 3.2#



#62
4-Nitroaniline
Concen: 8.733 ng
RT: 10.222 min Scan# 1383
Delta R.T. -0.112 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

Tgt Ion:138 Resp: 26240
Ion Ratio Lower Upper
138 100
92 43.4 37.9 77.9
108 63.2 53.2 93.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.257 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF137619.D

Acq: 15 Mar 2024 20:03

Instrument :

BNA_F

ClientSampleId :

COMP-4

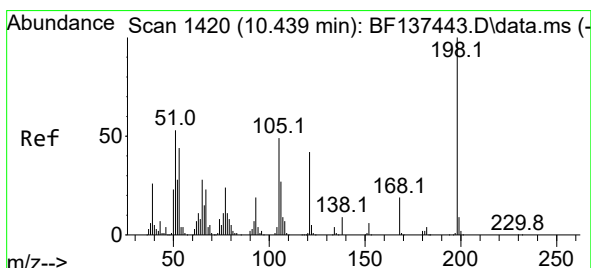
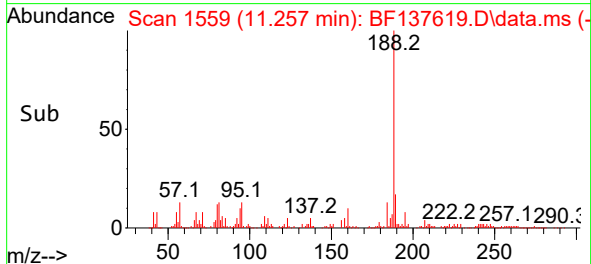
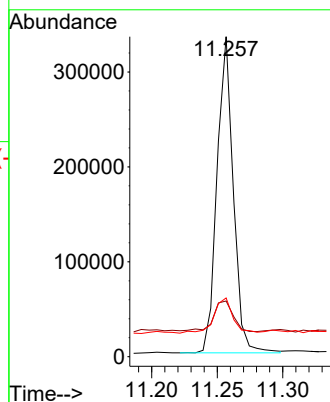
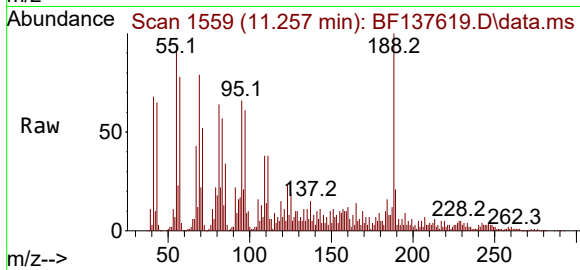
Tgt Ion:188 Resp: 287006

Ion Ratio Lower Upper

188 100

94 17.4 10.6 15.8#

80 18.4 11.5 17.3#



#65

4,6-Dinitro-2-methylphenol

Concen: 2.497 ng

RT: 10.333 min Scan# 1402

Delta R.T. -0.030 min

Lab File: BF137619.D

Acq: 15 Mar 2024 20:03

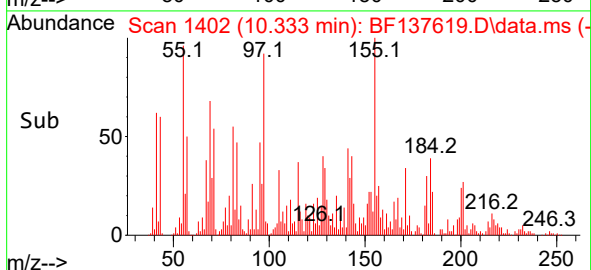
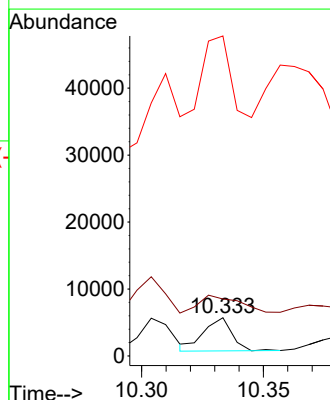
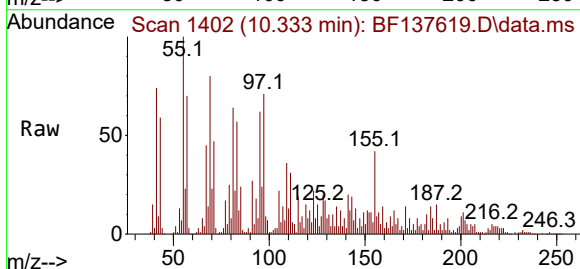
Tgt Ion:198 Resp: 3994

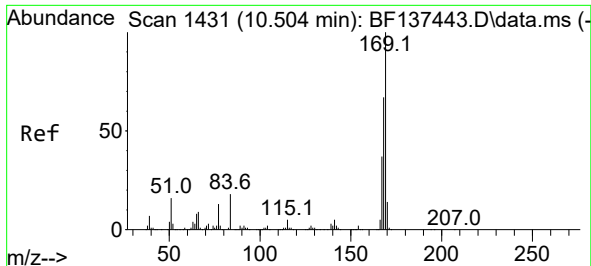
Ion Ratio Lower Upper

198 100

51 148.9 37.2 77.2#

105 836.7 29.2 69.2#

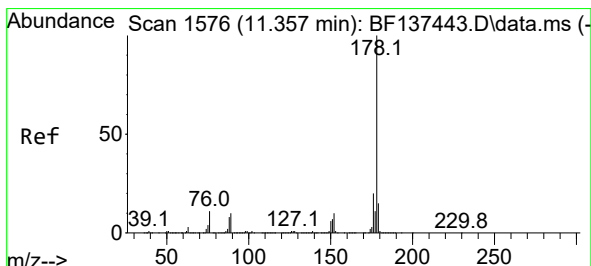
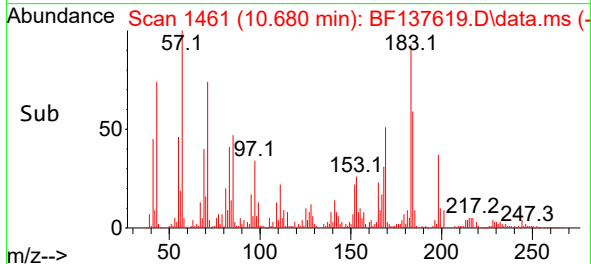
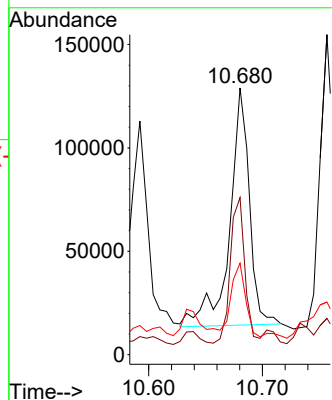
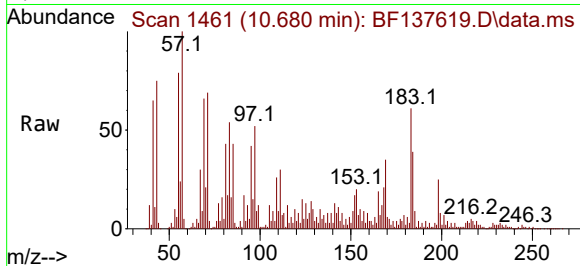




#66
n-Nitrosodiphenylamine
Concen: 14.999 ng
RT: 10.680 min Scan# 1431
Delta R.T. 0.259 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

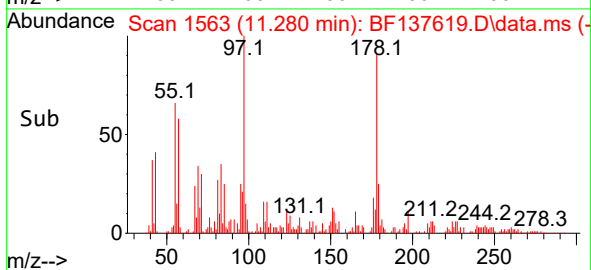
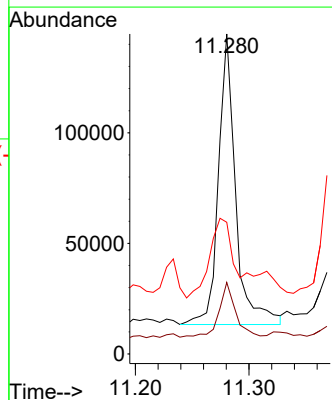
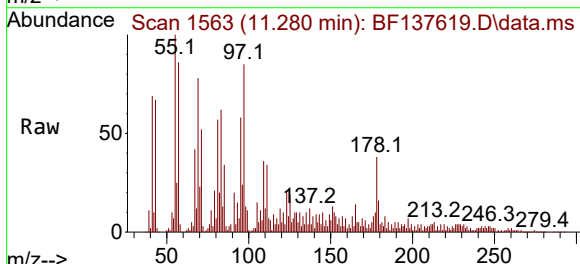
Instrument :
BNA_F
ClientSampleId :
COMP-4

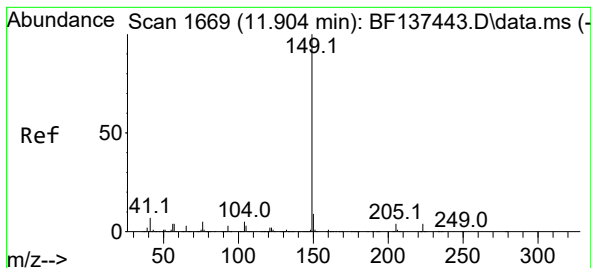
Tgt Ion:169 Resp: 138617
Ion Ratio Lower Upper
169 100
168 58.9 53.8 80.6
167 34.3 29.6 44.4



#71
Phenanthrene
Concen: 8.868 ng
RT: 11.280 min Scan# 1563
Delta R.T. 0.012 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

Tgt Ion:178 Resp: 138518
Ion Ratio Lower Upper
178 100
176 22.4 15.8 23.8
179 41.2 12.2 18.2#





#74

Di-n-butylphthalate

Concen: 2.138 ng

RT: 11.804 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137619.D

Acq: 15 Mar 2024 20:03

Instrument :

BNA_F

ClientSampleId :

COMP-4

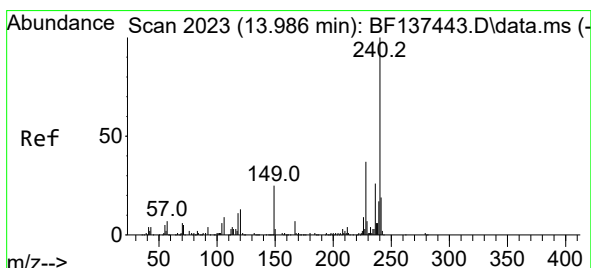
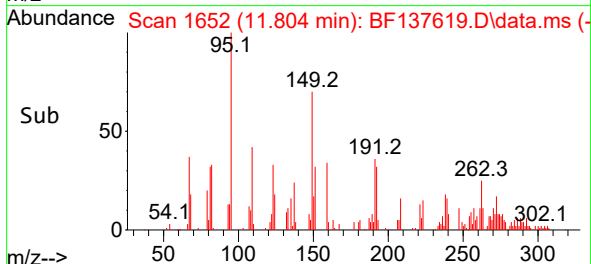
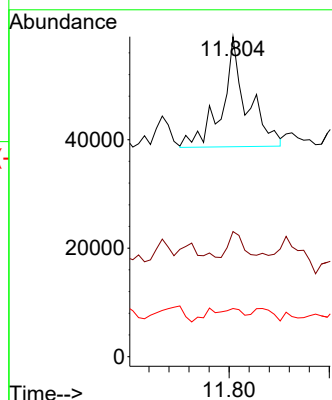
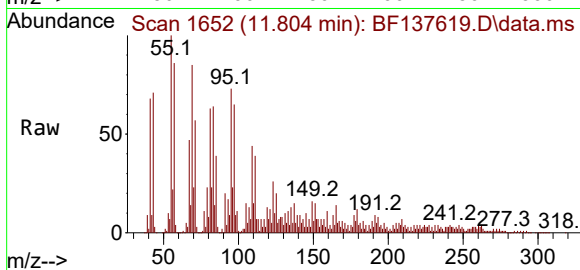
Tgt Ion:149 Resp: 34958

Ion Ratio Lower Upper

149 100

150 39.1 7.4 11.0#

104 15.0 3.8 5.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BF137619.D

Acq: 15 Mar 2024 20:03

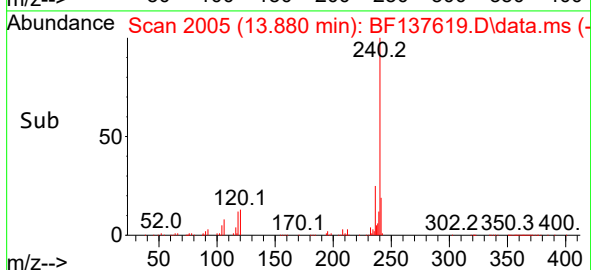
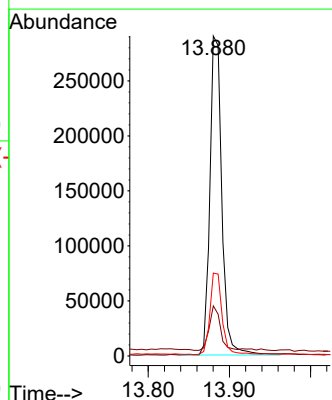
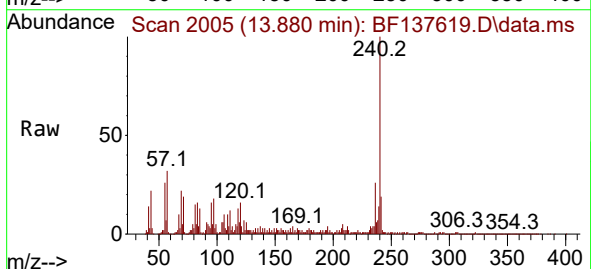
Tgt Ion:240 Resp: 296123

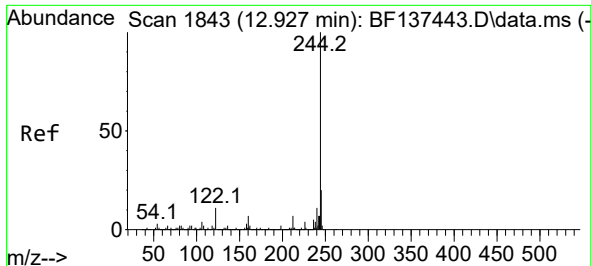
Ion Ratio Lower Upper

240 100

120 15.6 10.4 15.6#

236 25.9 20.9 31.3

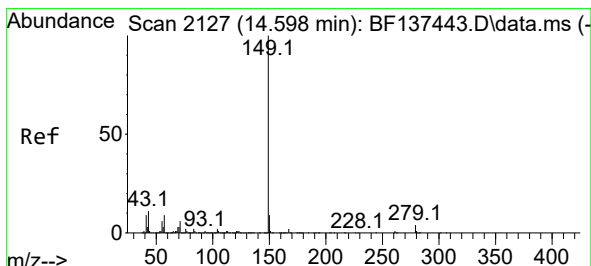
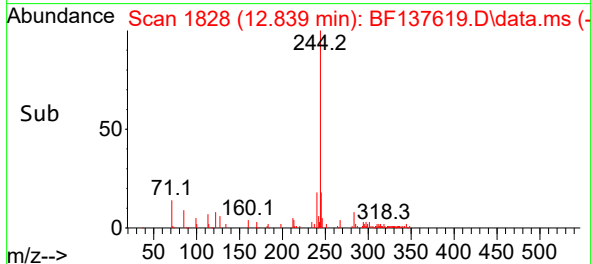
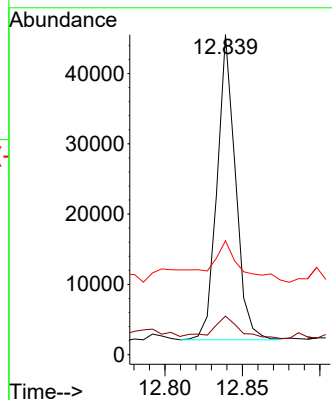
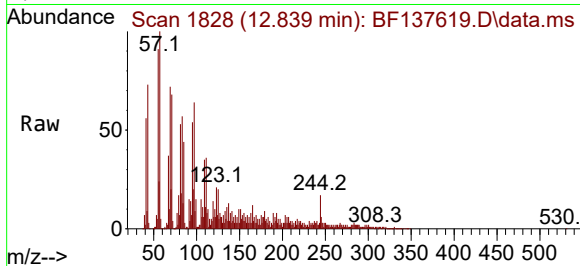




#79
 Terphenyl-d14
 Concen: 1.666 ng
 RT: 12.839 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF137619.D
 Acq: 15 Mar 2024 20:03

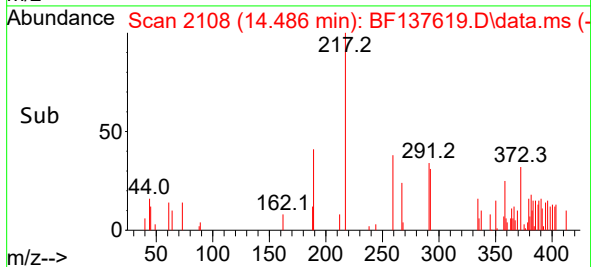
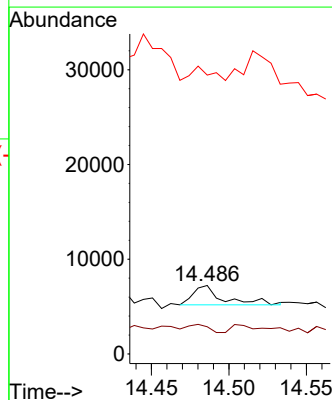
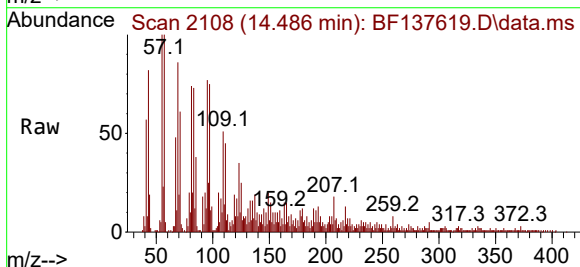
Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

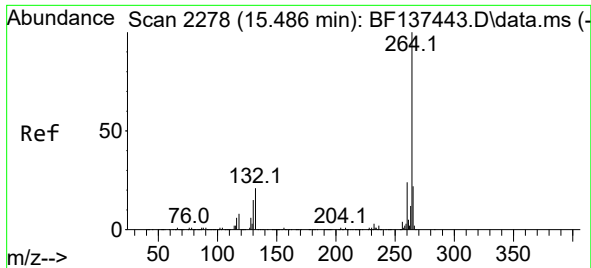
Tgt Ion:244 Resp: 35870
 Ion Ratio Lower Upper
 244 100
 212 12.0 5.4 8.2#
 122 35.6 9.1 13.7#



#85
 Di-n-octyl phthalate
 Concen: 5.740 ng
 RT: 14.486 min Scan# 2108
 Delta R.T. 0.012 min
 Lab File: BF137619.D
 Acq: 15 Mar 2024 20:03

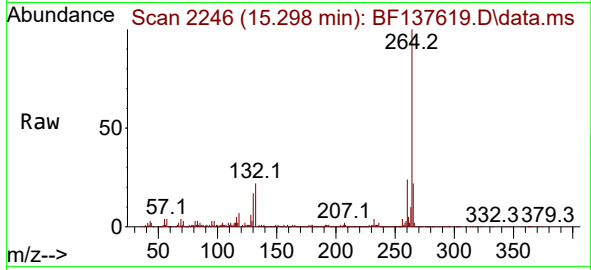
Tgt Ion:149 Resp: 2749
 Ion Ratio Lower Upper
 149 100
 167 44.9 1.2 1.8#
 43 0.0 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF137619.D
Acq: 15 Mar 2024 20:03

Instrument :
BNA_F
ClientSampleId :
COMP-4



Tgt Ion:264 Resp: 354585

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.5	17.4	26.0

