

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
 Data File : BF141951.D
 Acq On : 13 Mar 2025 20:10
 Operator : RC/JU
 Sample : Q1547-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-620-JB-COMP-02

Quant Time: Mar 14 10:40:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

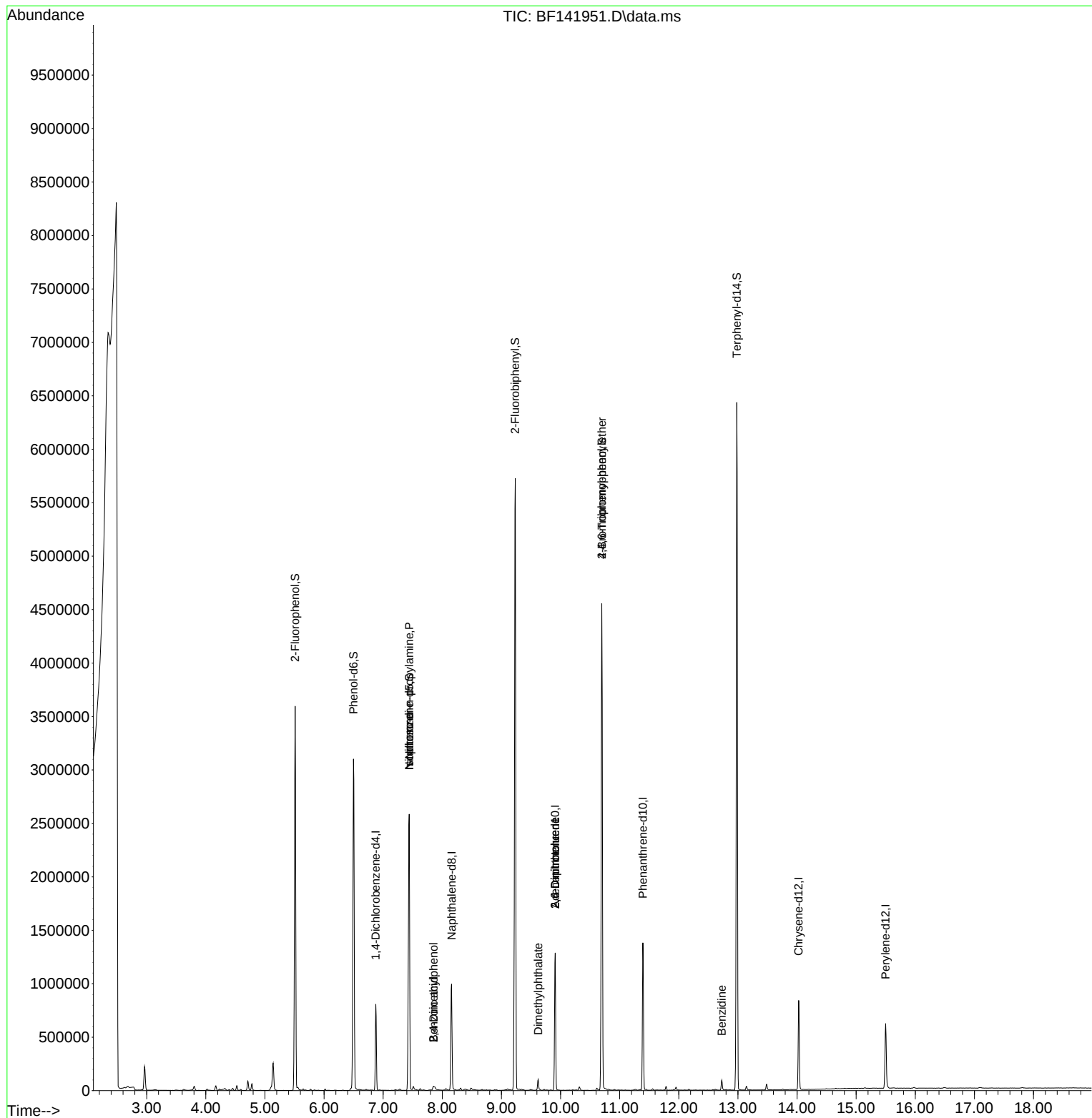
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	169785	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	672608	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	391126	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	701302	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	403778	20.000	ng	-0.01
86) Perylene-d12	15.498	264	366915	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1455596	143.083	ng	0.02
7) Phenol-d6	6.498	99	1655739	127.831	ng	0.00
23) Nitrobenzene-d5	7.440	82	1302918	109.013	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	911372	183.672	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2733900	106.302	ng	0.00
79) Terphenyl-d14	12.980	244	3360141	123.033	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	181505	21.808	ng	# 78
25) Isophorone	7.440	82	1282292	60.694	ng	# 64
27) 2,4-Dimethylphenol	7.851	122	18051	2.248	ng	# 2
32) Benzoic acid	7.851	122	18051	2.557	ng	96
50) Dimethylphthalate	9.622	163	59044	2.156	ng	98
51) 2,6-Dinitrotoluene	9.910	165	51323	9.000	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	51323	6.890	ng	# 24
67) 4-Bromophenyl-phenylether	10.698	248	56184	6.379	ng	# 1
77) Benzidine	12.727	184	53665	9.526	ng	99

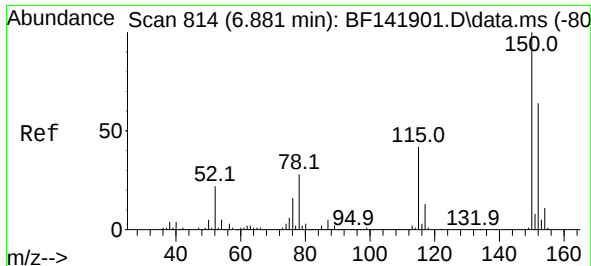
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
Data File : BF141951.D
Acq On : 13 Mar 2025 20:10
Operator : RC/JU
Sample : Q1547-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-02

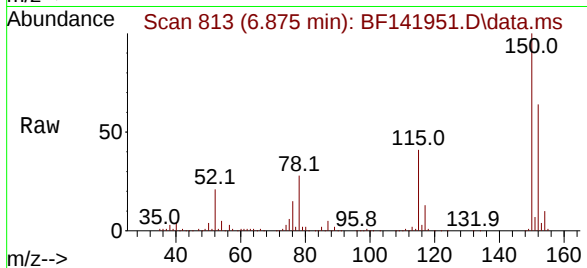
Quant Time: Mar 14 10:40:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



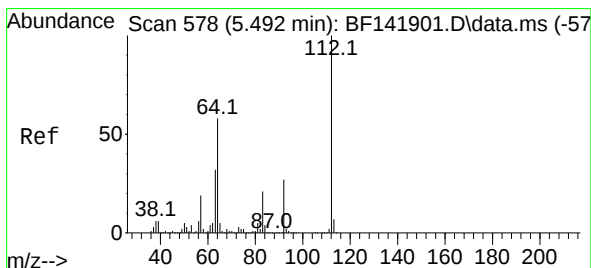
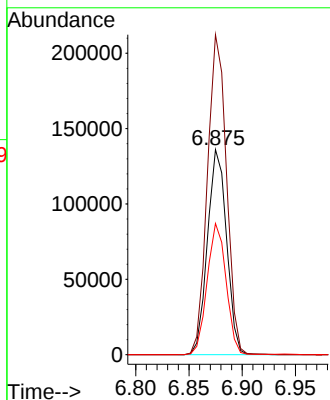
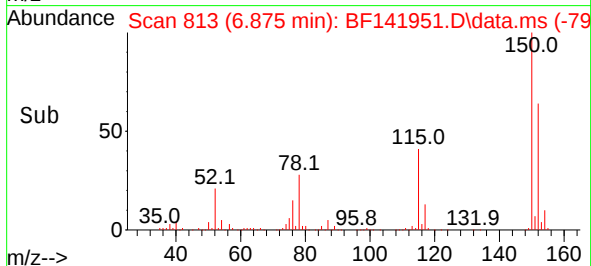


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

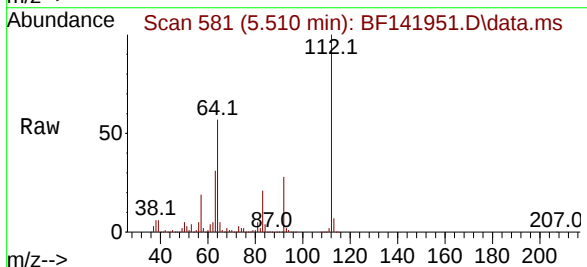
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-02



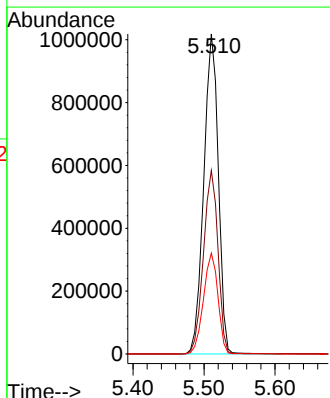
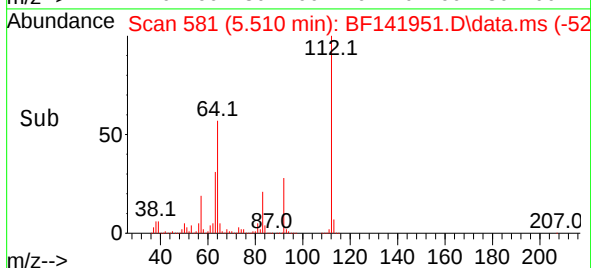
Tgt Ion:152 Resp: 169785
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.2
115 63.9 51.9 77.9

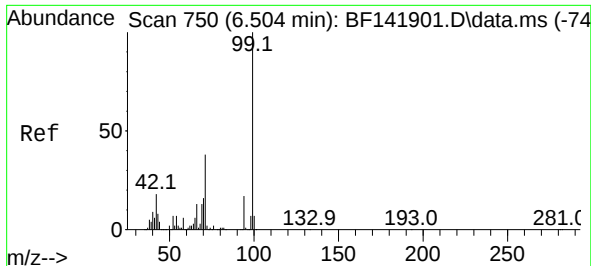


#5
2-Fluorophenol
Concen: 143.083 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10



Tgt Ion:112 Resp: 1455596
Ion Ratio Lower Upper
112 100
64 57.3 46.5 69.7
63 31.5 25.4 38.2

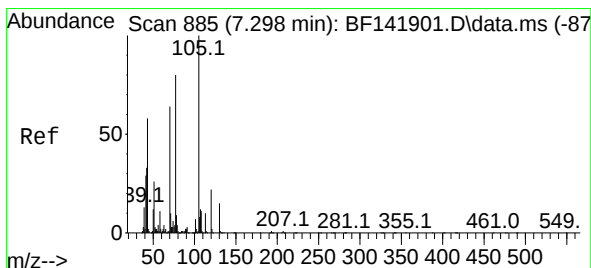
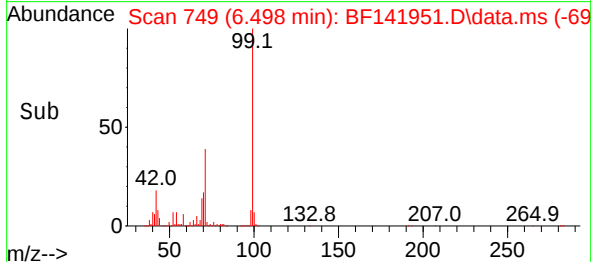
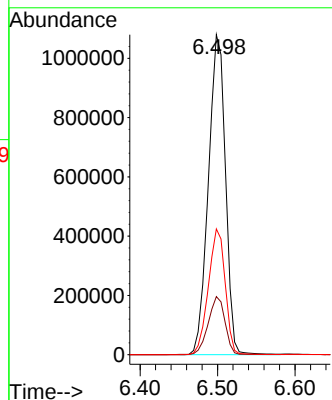
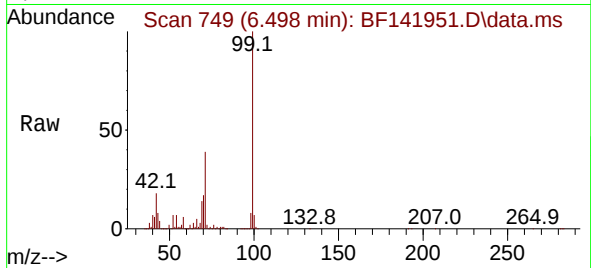




#7
Phenol-d6
Concen: 127.831 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

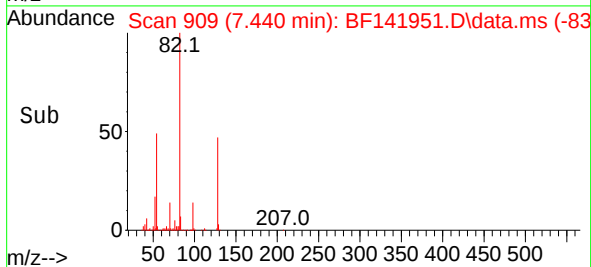
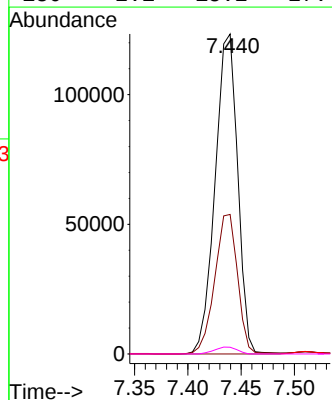
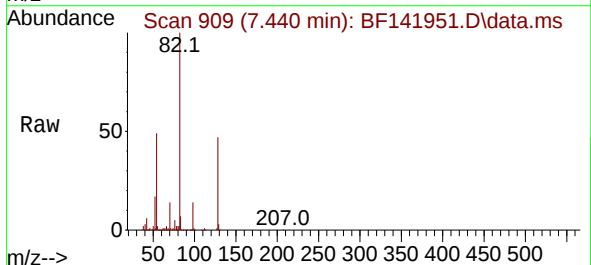
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-02

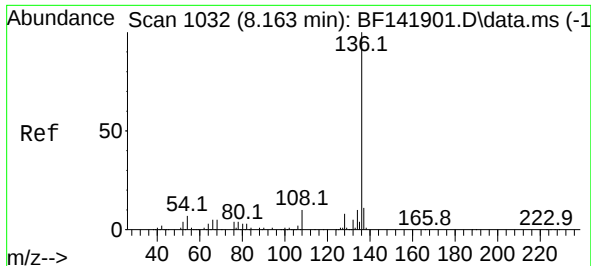
Tgt Ion: 99 Resp: 1655739
Ion Ratio Lower Upper
99 100
42 18.2 14.6 21.8
71 39.3 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 21.808 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

Tgt Ion: 70 Resp: 181505
Ion Ratio Lower Upper
70 100
42 43.6 41.4 62.0
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#



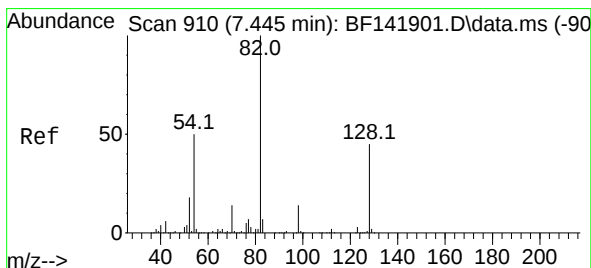
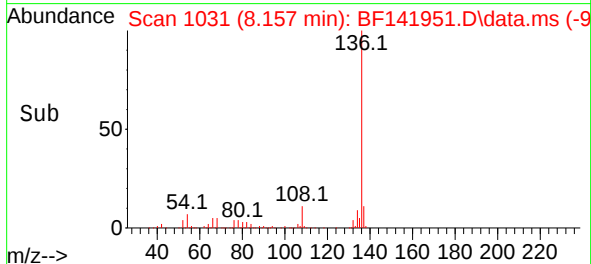
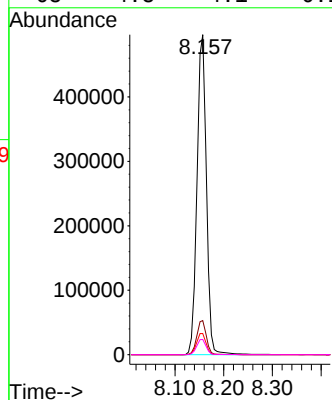
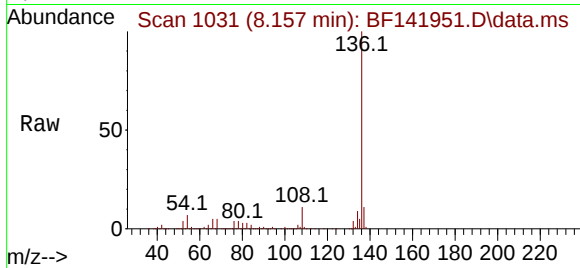


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-02

Tgt Ion:136 Resp: 672608

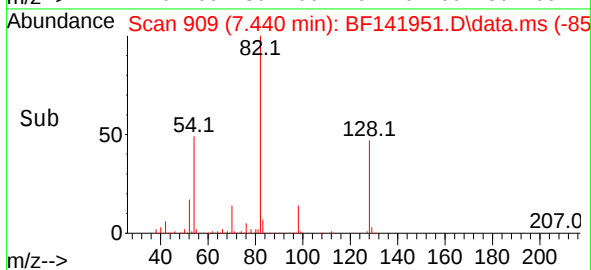
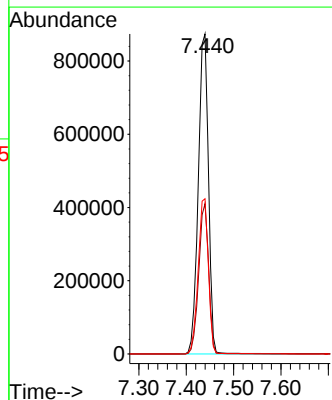
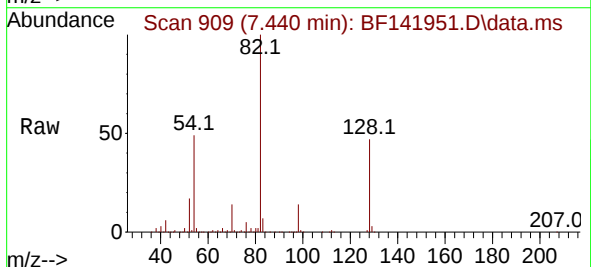
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.6	5.8	8.8
68	4.8	4.1	6.1

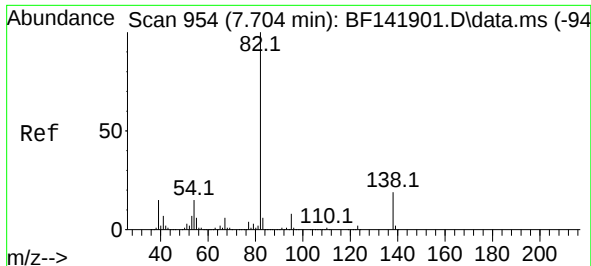


#23
Nitrobenzene-d5
Concen: 109.013 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

Tgt Ion: 82 Resp: 1302918

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.0	54.0
54	48.5	39.6	59.4

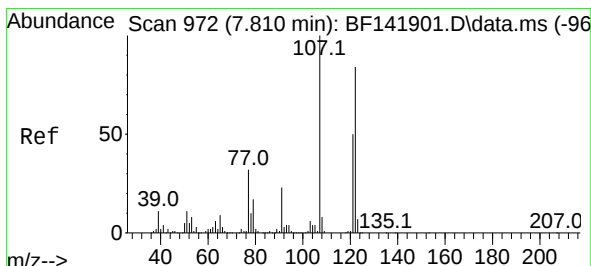
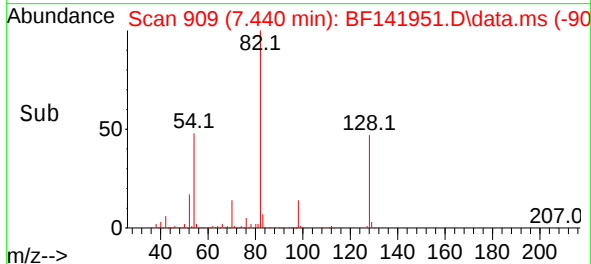
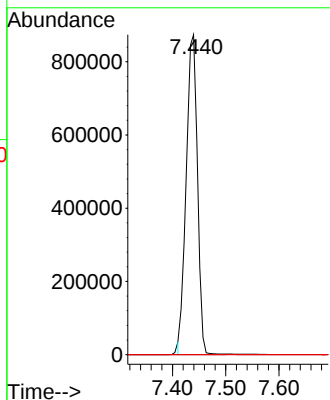
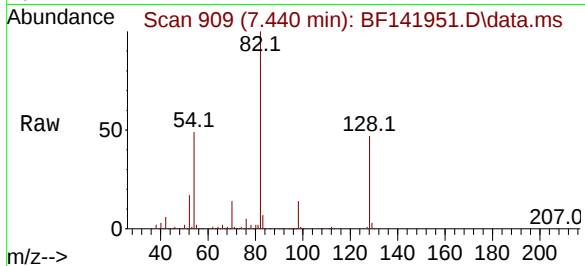




#25
Isophorone
Concen: 60.694 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

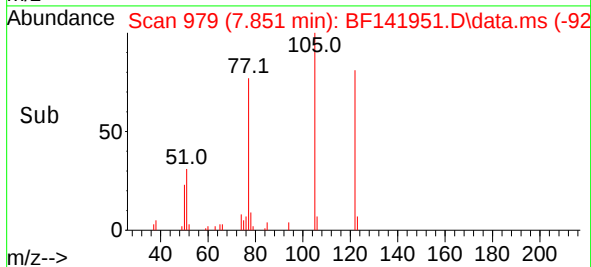
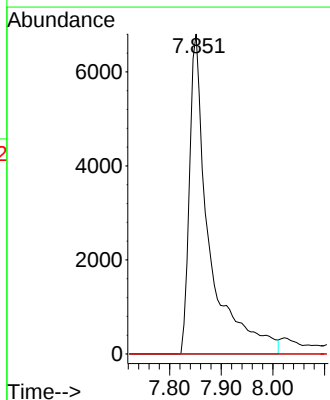
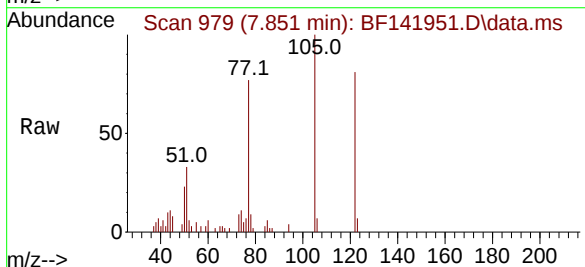
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-02

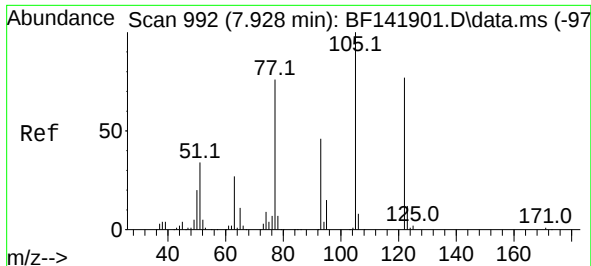
Tgt Ion: 82 Resp: 1282292
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#27
2,4-Dimethylphenol
Concen: 2.248 ng
RT: 7.851 min Scan# 979
Delta R.T. 0.041 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

Tgt Ion:122 Resp: 18051
Ion Ratio Lower Upper
122 100
107 0.0 94.8 142.2#
121 0.0 47.8 71.6#





#32

Benzoic acid

Concen: 2.557 ng

RT: 7.851 min Scan# 91

Delta R.T. -0.077 min

Lab File: BF141951.D

Acq: 13 Mar 2025 20:10

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-02

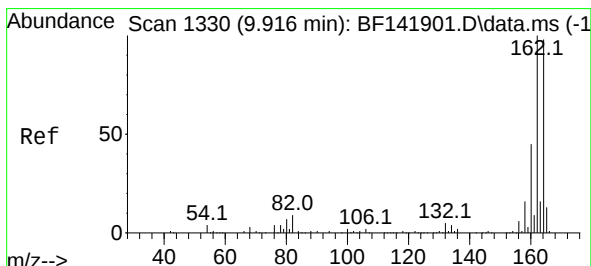
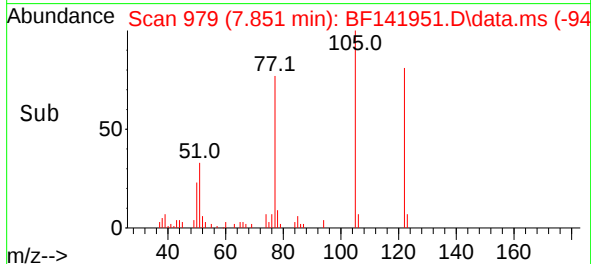
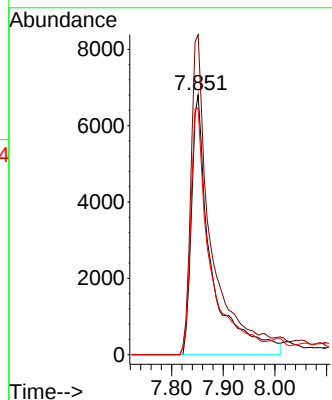
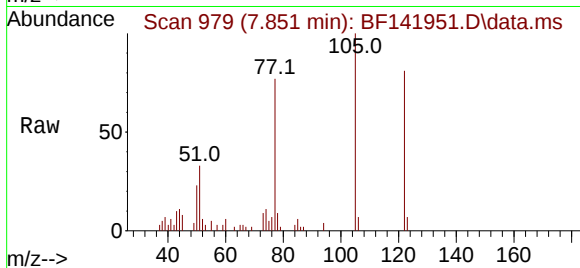
Tgt Ion:122 Resp: 18051

Ion Ratio Lower Upper

122 100

105 123.2 107.9 147.9

77 94.9 79.0 119.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF141951.D

Acq: 13 Mar 2025 20:10

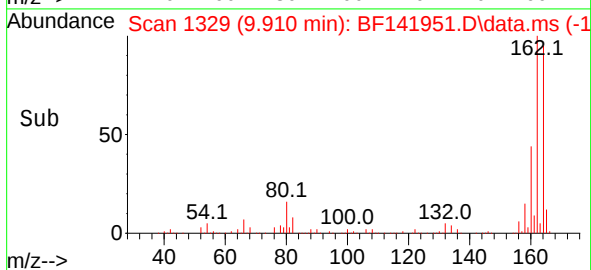
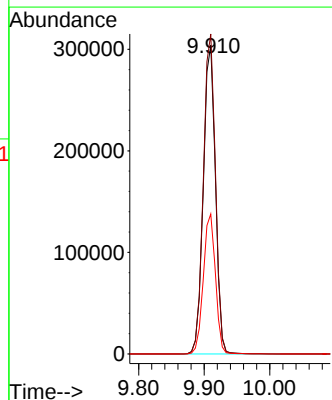
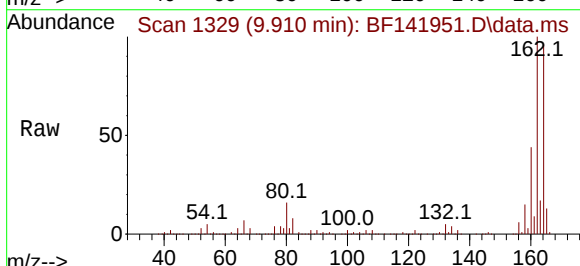
Tgt Ion:164 Resp: 391126

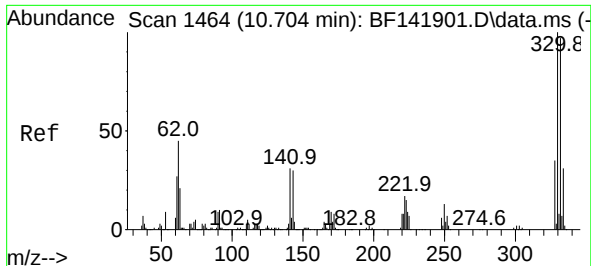
Ion Ratio Lower Upper

164 100

162 103.7 81.8 122.6

160 45.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 183.672 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF141951.D

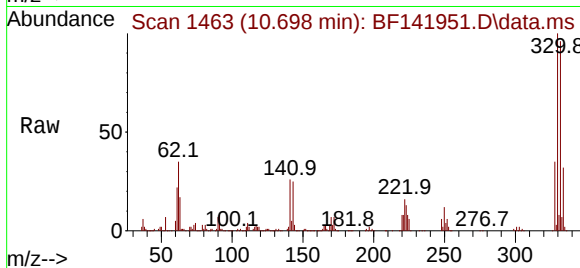
Acq: 13 Mar 2025 20:10

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-02



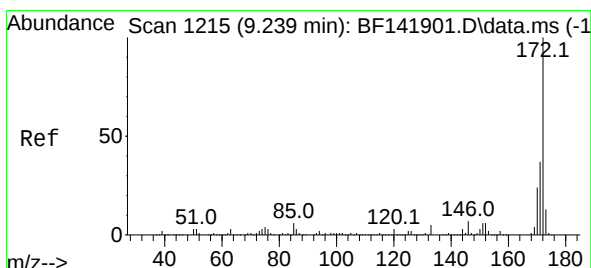
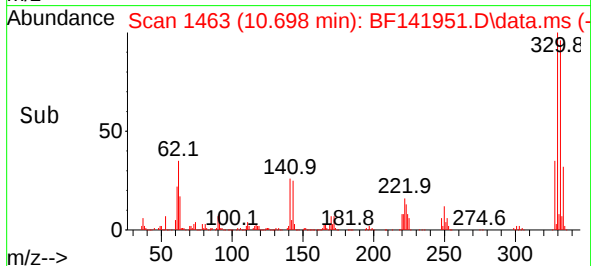
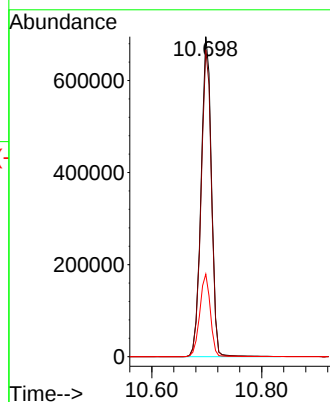
Tgt Ion:330 Resp: 911372

Ion Ratio Lower Upper

330 100

332 95.9 77.6 116.4

141 26.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 106.302 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141951.D

Acq: 13 Mar 2025 20:10

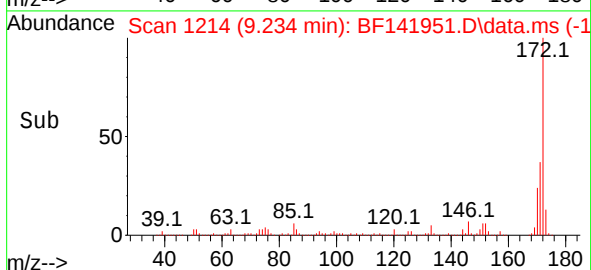
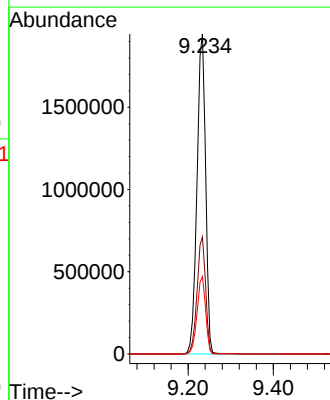
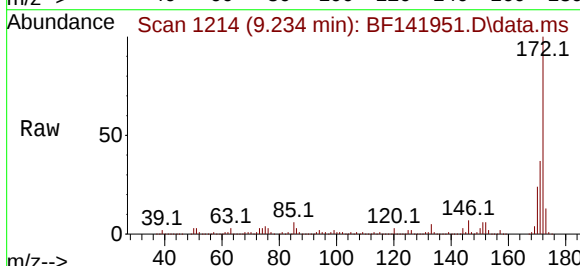
Tgt Ion:172 Resp: 2733900

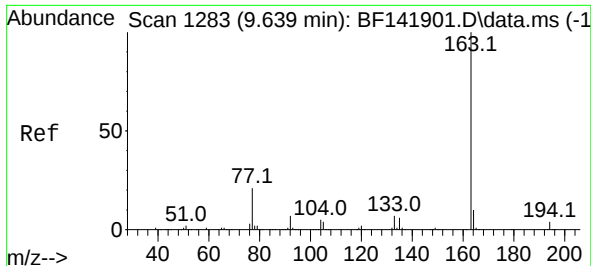
Ion Ratio Lower Upper

172 100

171 36.6 29.3 43.9

170 24.2 19.4 29.0





#50

Dimethylphthalate

Concen: 2.156 ng

RT: 9.622 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF141951.D

Acq: 13 Mar 2025 20:10

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-02

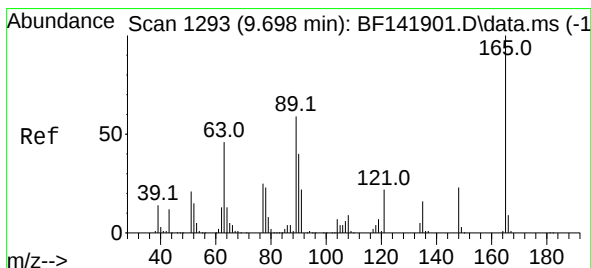
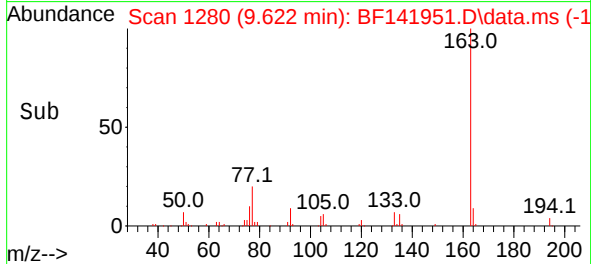
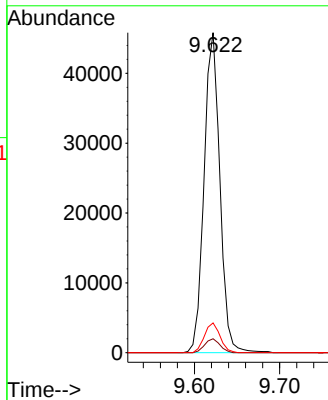
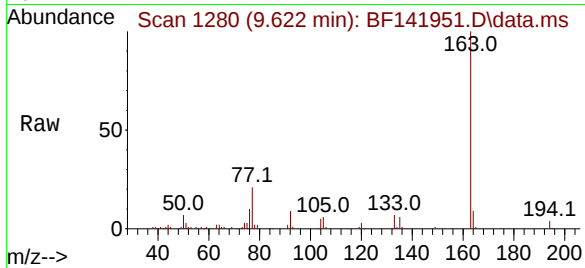
Tgt Ion:163 Resp: 59044

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

164 9.3 8.2 12.4



#51

2,6-Dinitrotoluene

Concen: 9.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. 0.212 min

Lab File: BF141951.D

Acq: 13 Mar 2025 20:10

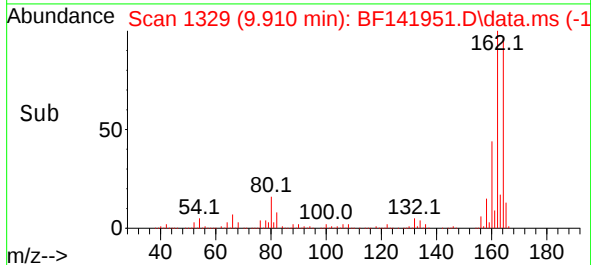
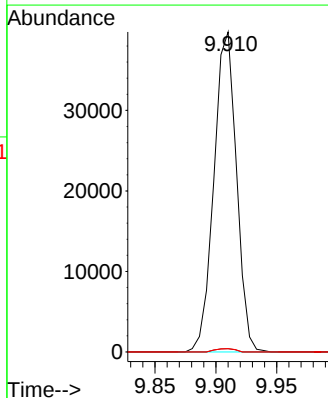
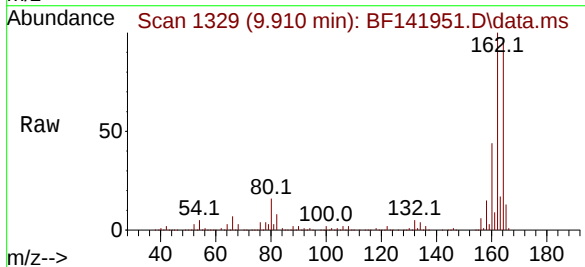
Tgt Ion:165 Resp: 51323

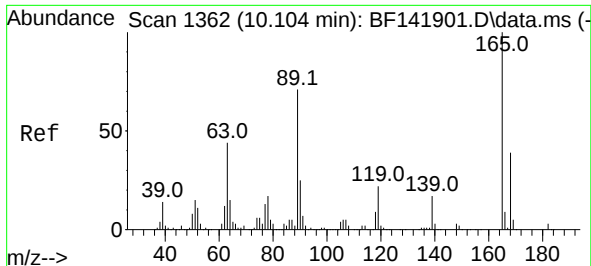
Ion Ratio Lower Upper

165 100

63 1.0 47.0 70.4#

89 1.1 47.4 71.2#

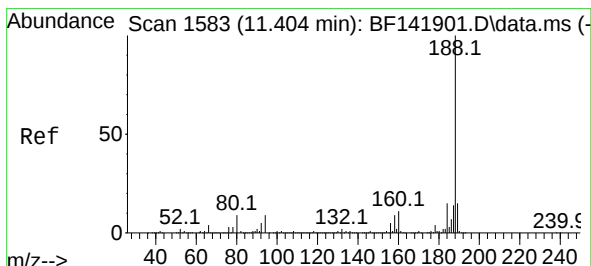
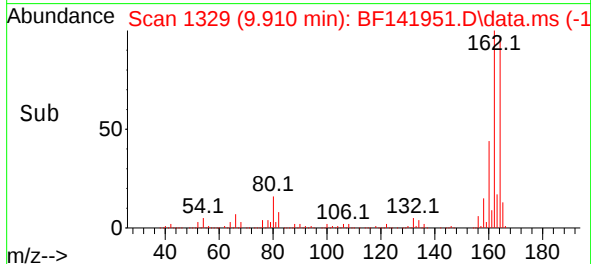
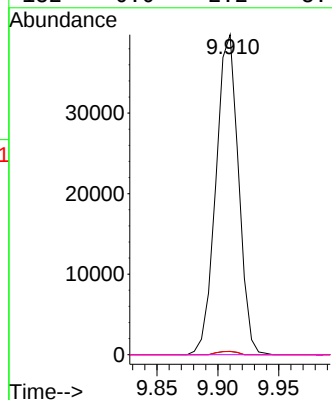
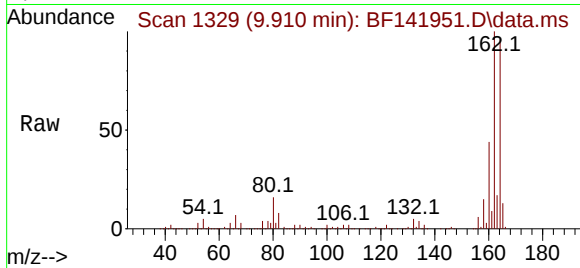




#57
2,4-Dinitrotoluene
Concen: 6.890 ng
RT: 9.910 min Scan# 14
Delta R.T. -0.194 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

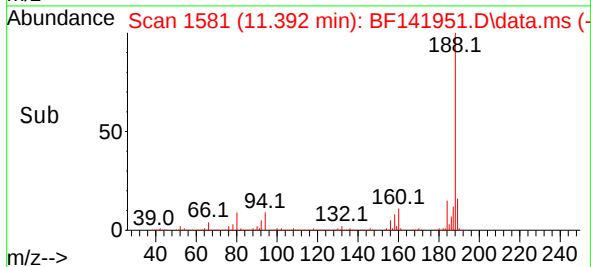
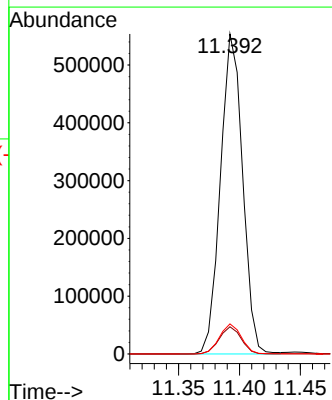
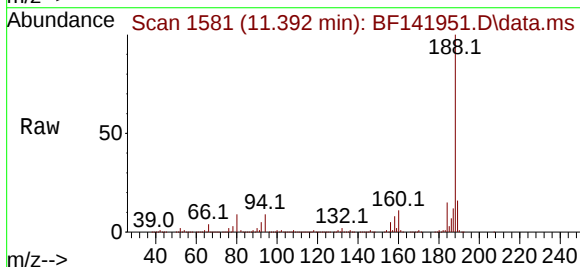
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-02

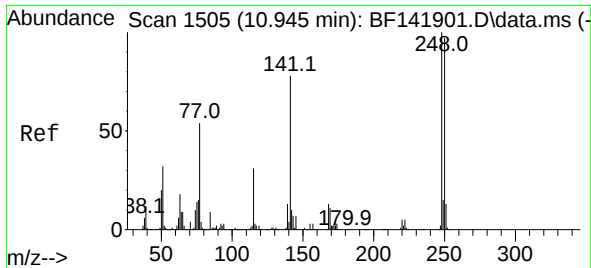
Tgt Ion:165 Resp: 51323
Ion Ratio Lower Upper
165 100
63 1.0 35.4 53.2#
89 1.1 56.6 84.8#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

Tgt Ion:188 Resp: 701302
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.4 7.6 11.4

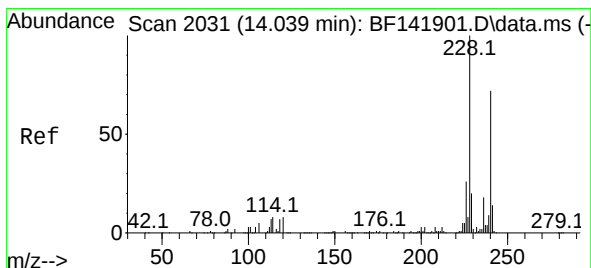
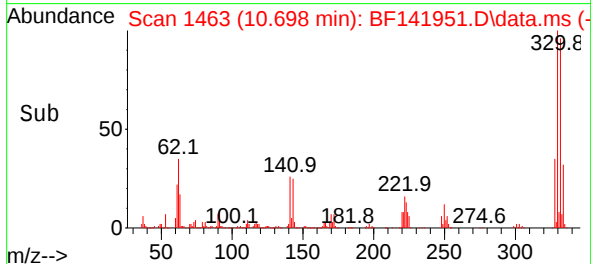
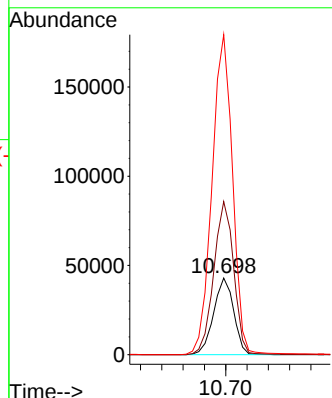
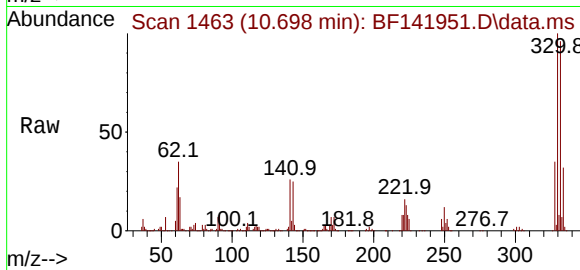




#67
4-Bromophenyl-phenylether
Concen: 6.379 ng
RT: 10.698 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

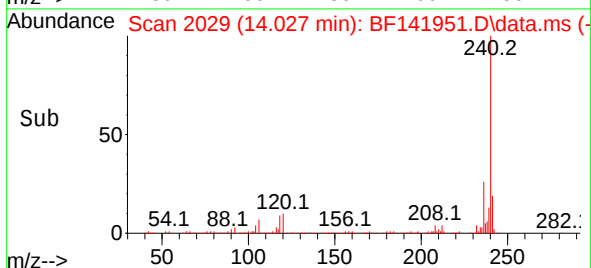
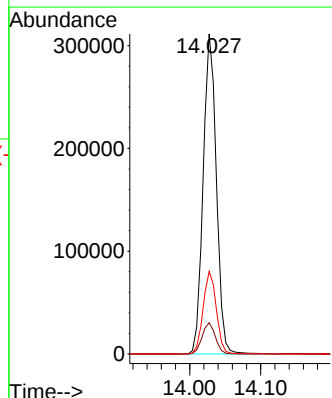
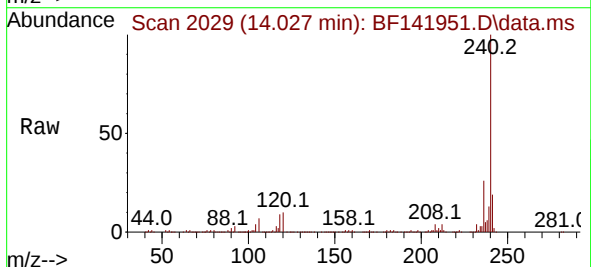
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-02

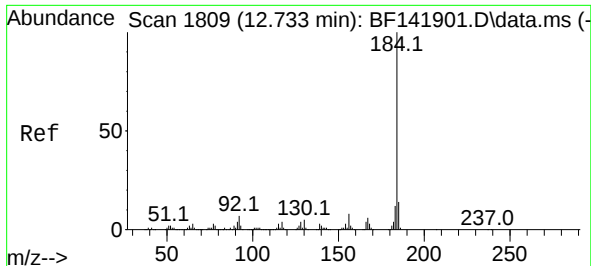
Tgt Ion:248 Resp: 56184
Ion Ratio Lower Upper
248 100
250 200.0 77.8 116.8#
141 417.9 62.6 93.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

Tgt Ion:240 Resp: 403778
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.8 20.5 30.7

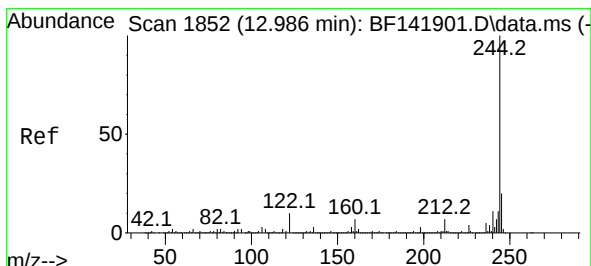
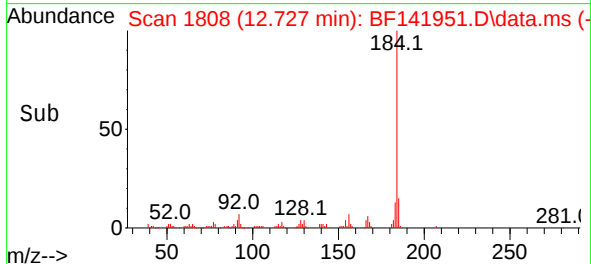
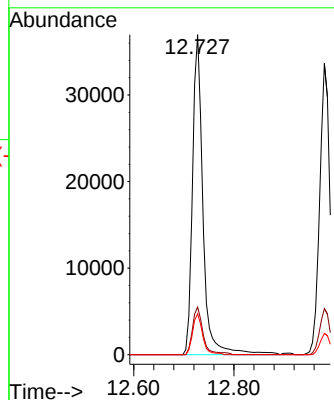
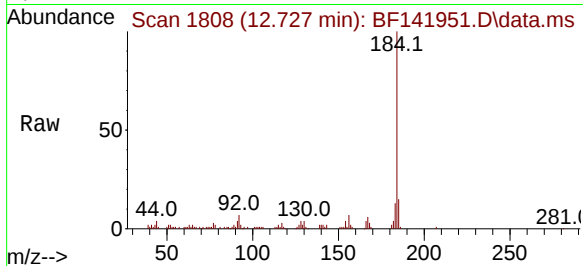




#77
Benzidine
Concen: 9.526 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

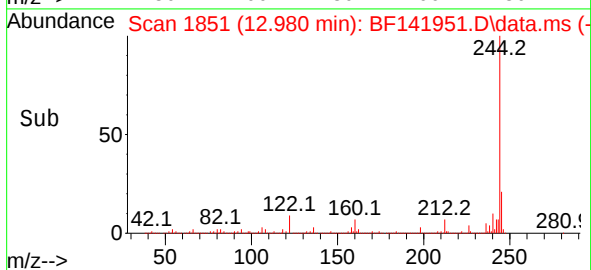
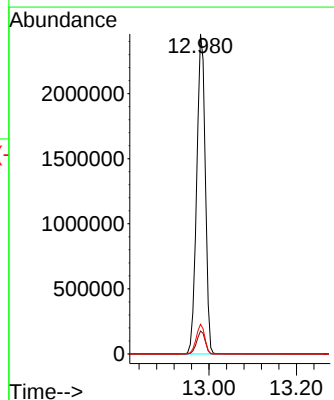
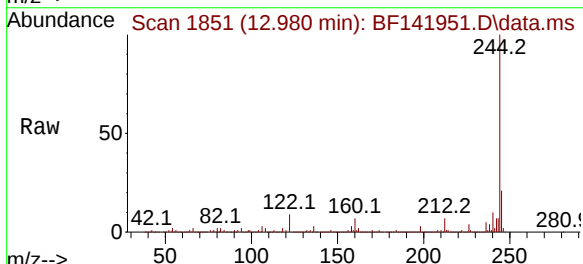
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-02

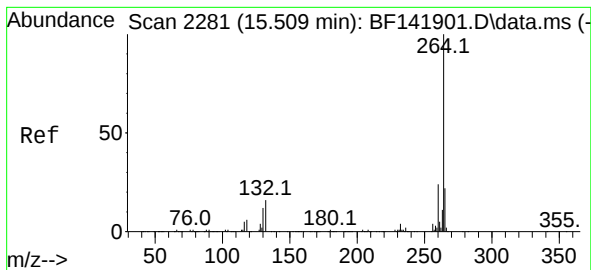
Tgt Ion:184 Resp: 53665
Ion Ratio Lower Upper
184 100
185 14.9 11.5 17.3
183 12.8 9.7 14.5



#79
Terphenyl-d14
Concen: 123.033 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF141951.D
Acq: 13 Mar 2025 20:10

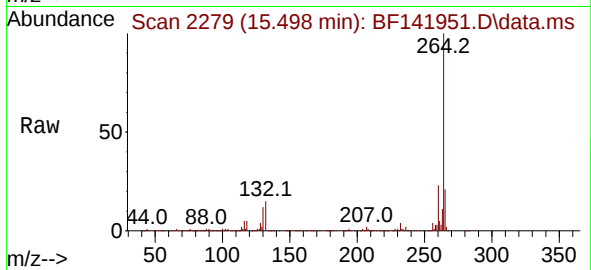
Tgt Ion:244 Resp: 3360141
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 9.3 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF141951.D
 Acq: 13 Mar 2025 20:10

Instrument :
 BNA_F
 ClientSampleId :
 OR-620-JB-COMP-02



Tgt Ion:264 Resp: 366915
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.1 17.5 26.3

