

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
 Data File : BF141745.D
 Acq On : 24 Feb 2025 15:39
 Operator : RC/JU
 Sample : Q1395-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BEL-25-0005

Quant Time: Feb 24 15:58:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

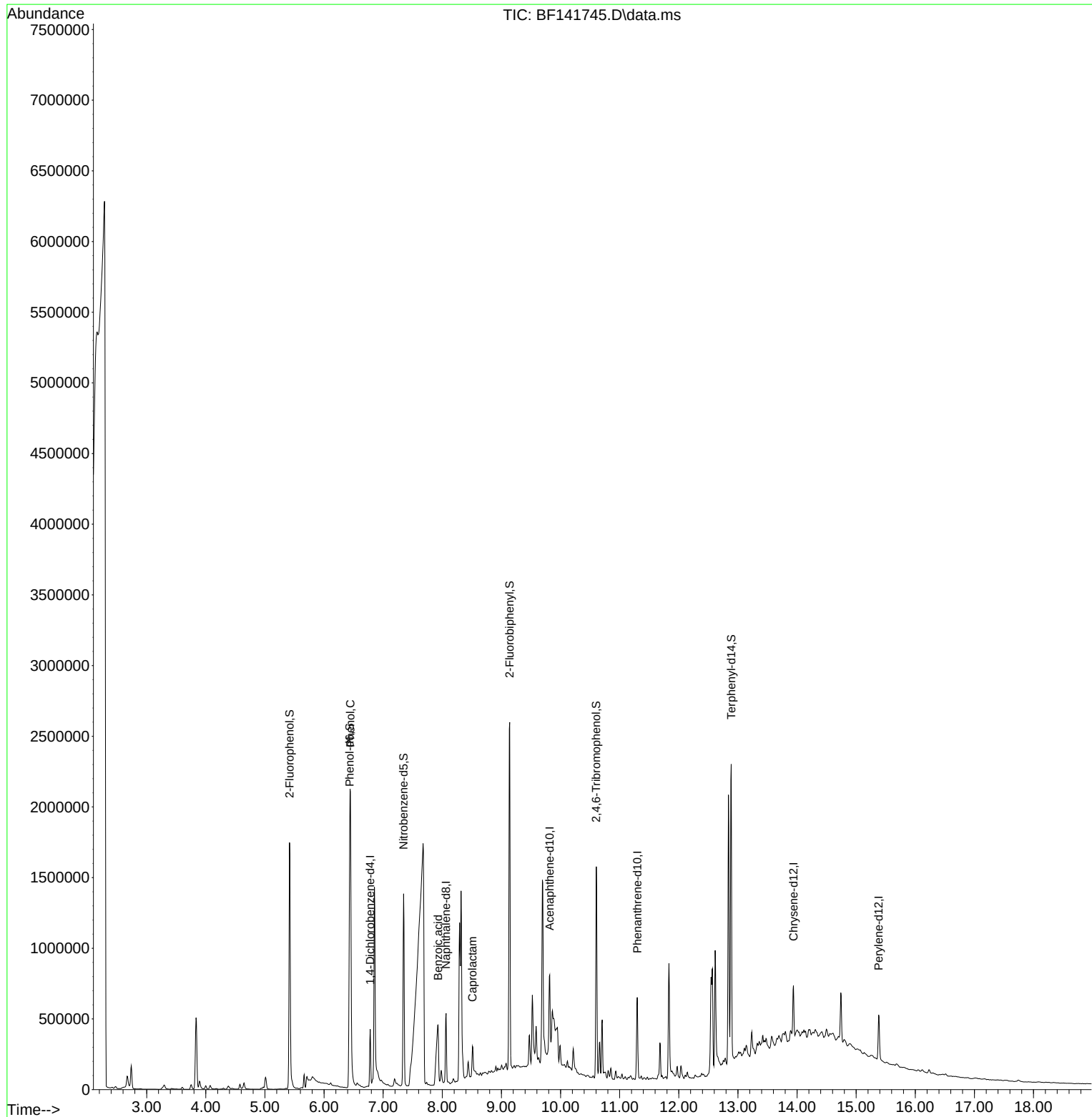
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	82782	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	322273	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	170998	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	270414	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	176235	20.000	ng	-0.02
86) Perylene-d12	15.380	264	193629	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	727149	137.709	ng	0.00
7) Phenol-d6	6.434	99	812502	121.743	ng	0.00
23) Nitrobenzene-d5	7.345	82	618666	100.128	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	253658	147.669	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1140121	102.722	ng	-0.01
79) Terphenyl-d14	12.886	244	1031648	98.823	ng	-0.02
Target Compounds						
						Qvalue
10) Phenol	6.446	94	740005	106.533	ng	# 74
32) Benzoic acid	7.928	122	231323	63.596	ng	98
35) Caprolactam	8.510	113	29028	20.150	ng	# 89

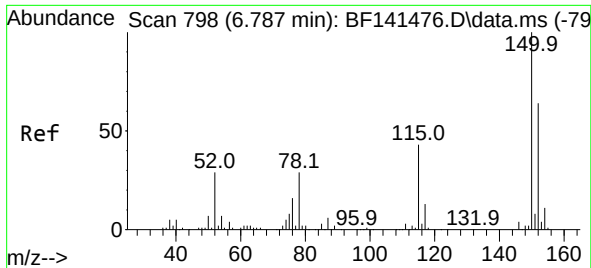
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141745.D
Acq On : 24 Feb 2025 15:39
Operator : RC/JU
Sample : Q1395-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BEL-25-0005

Quant Time: Feb 24 15:58:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

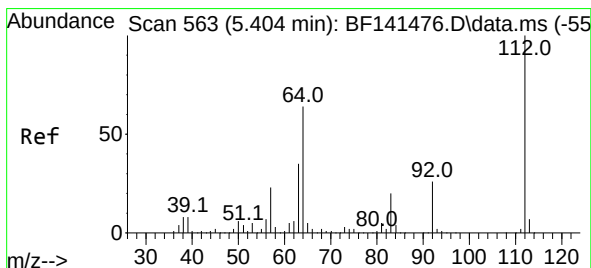
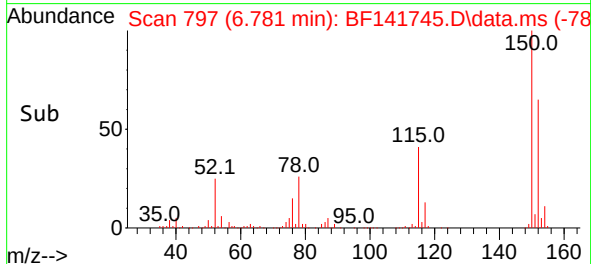
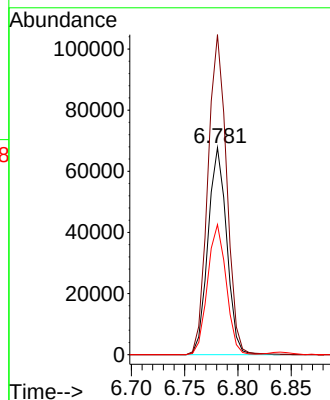
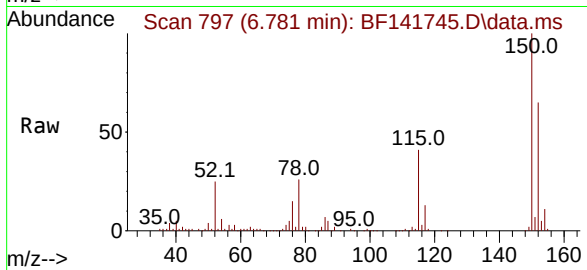




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141745.D
 Acq: 24 Feb 2025 15:39

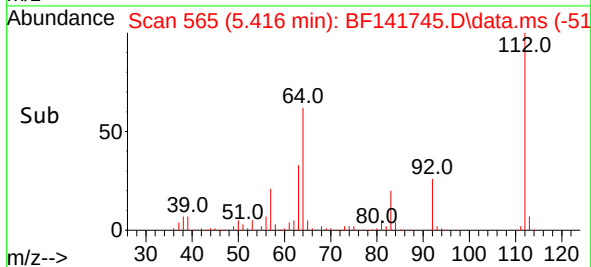
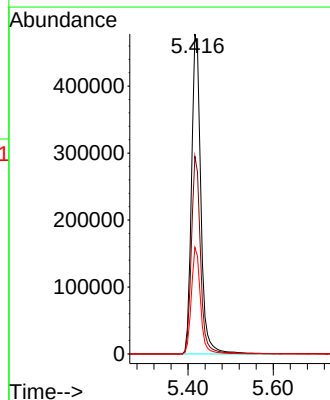
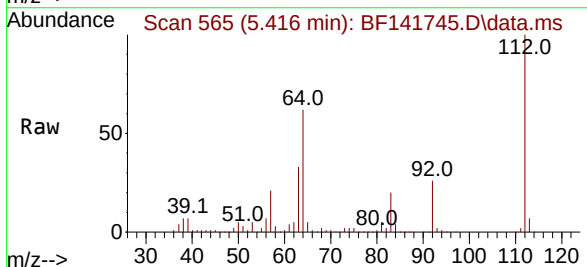
Instrument :
 BNA_F
 ClientSampleId :
 BEL-25-0005

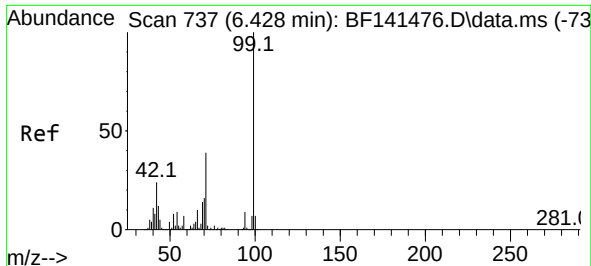
Tgt Ion:152 Resp: 82782
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.0 187.4
 115 62.9 53.6 80.4



#5
 2-Fluorophenol
 Concen: 137.709 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141745.D
 Acq: 24 Feb 2025 15:39

Tgt Ion:112 Resp: 727149
 Ion Ratio Lower Upper
 112 100
 64 61.7 51.1 76.7
 63 33.3 28.4 42.6





#7

Phenol-d6

Concen: 121.743 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141745.D

Acq: 24 Feb 2025 15:39

Instrument :

BNA_F

ClientSampleId :

BEL-25-0005

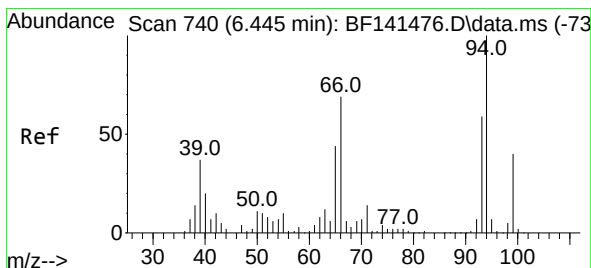
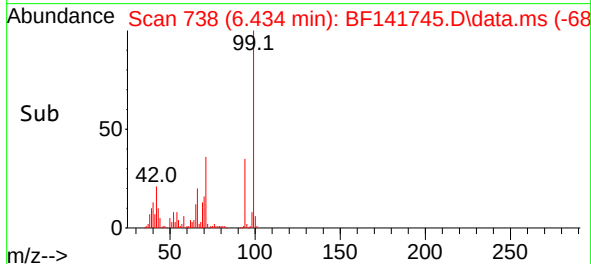
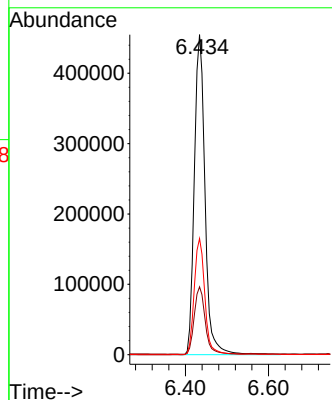
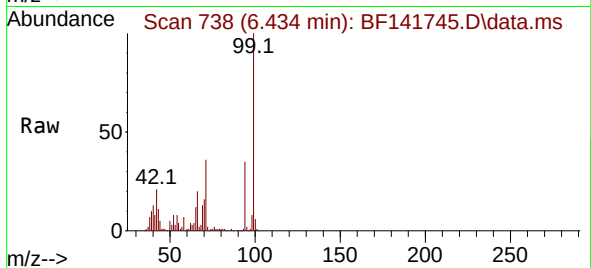
Tgt Ion: 99 Resp: 812502

Ion Ratio Lower Upper

99 100

42 21.2 19.1 28.7

71 36.3 31.1 46.7



#10

Phenol

Concen: 106.533 ng

RT: 6.446 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141745.D

Acq: 24 Feb 2025 15:39

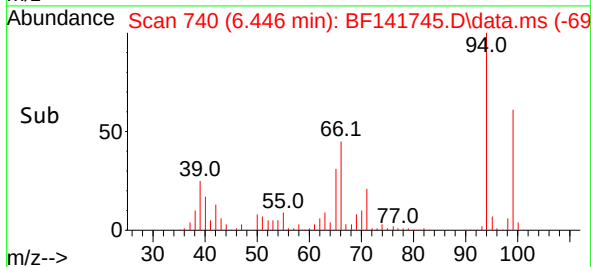
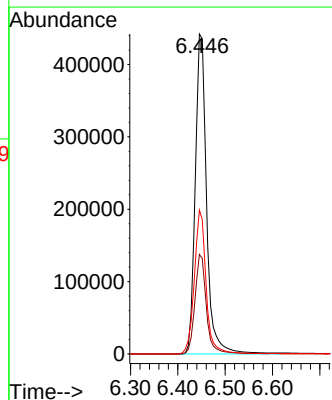
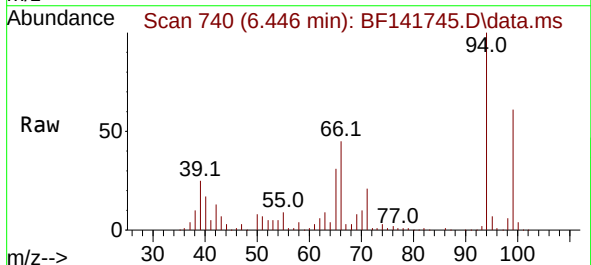
Tgt Ion: 94 Resp: 740005

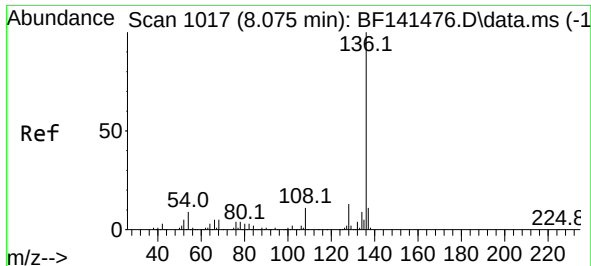
Ion Ratio Lower Upper

94 100

65 31.1 23.7 63.7

66 45.0 49.3 89.3#

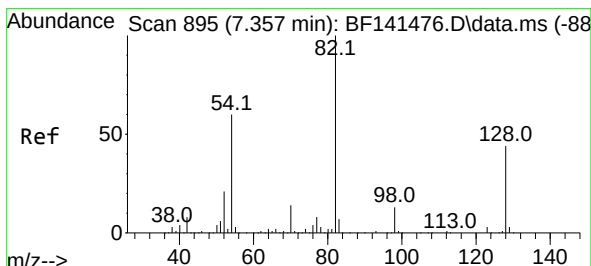
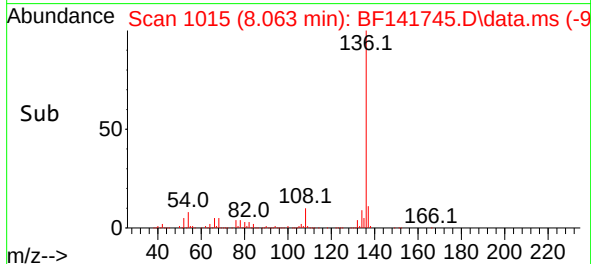
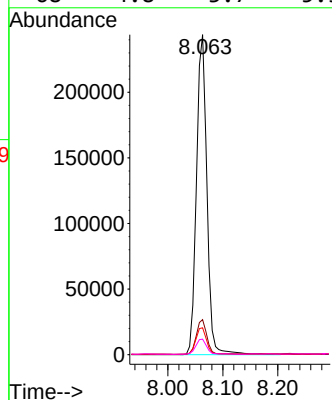
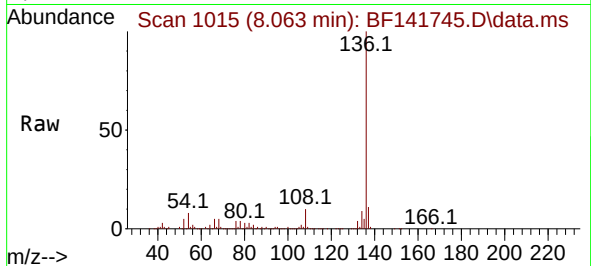




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141745.D
Acq: 24 Feb 2025 15:39

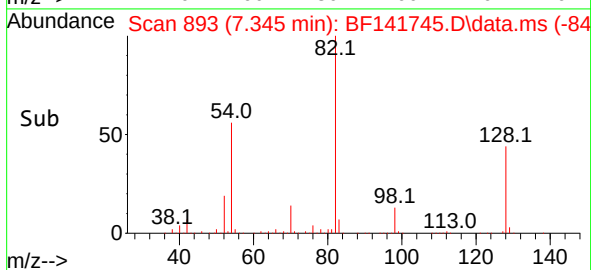
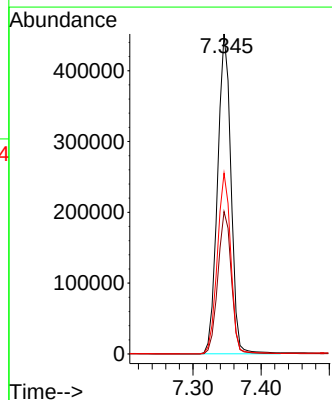
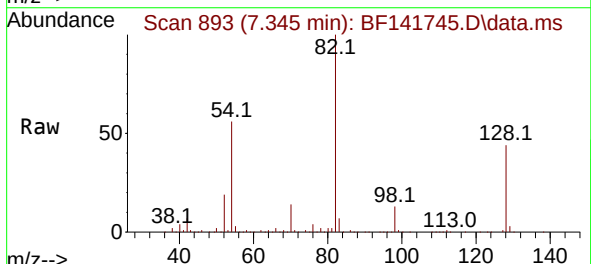
Instrument :
BNA_F
ClientSampleId :
BEL-25-0005

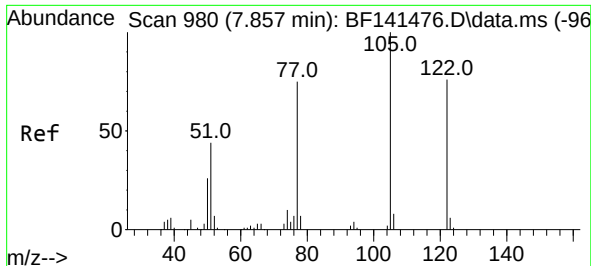
Tgt Ion:136	Resp: 322273
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 8.4	7.2 10.8
68 4.8	3.7 5.5



#23
Nitrobenzene-d5
Concen: 100.128 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF141745.D
Acq: 24 Feb 2025 15:39

Tgt Ion: 82	Resp: 618666
Ion Ratio	Lower Upper
82 100	
128 44.5	34.8 52.2
54 56.5	48.2 72.4

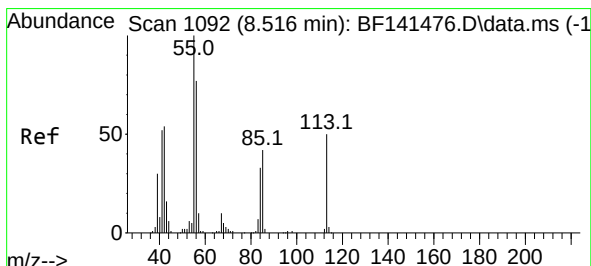
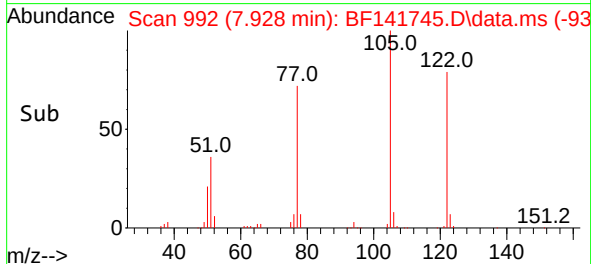
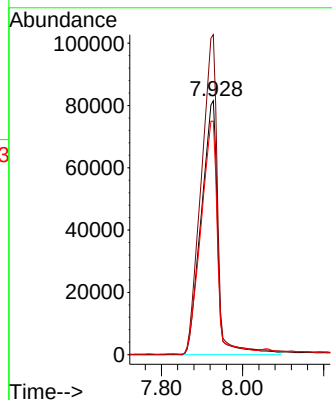
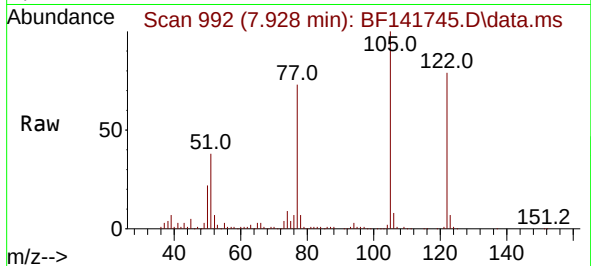




#32
Benzoic acid
Concen: 63.596 ng
RT: 7.928 min Scan# 91
Delta R.T. 0.036 min
Lab File: BF141745.D
Acq: 24 Feb 2025 15:39

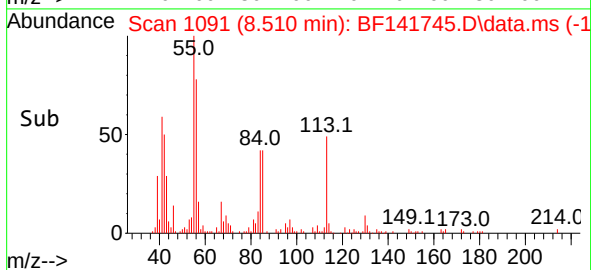
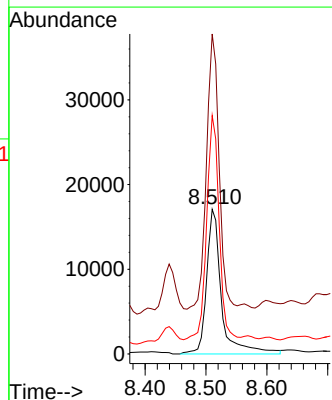
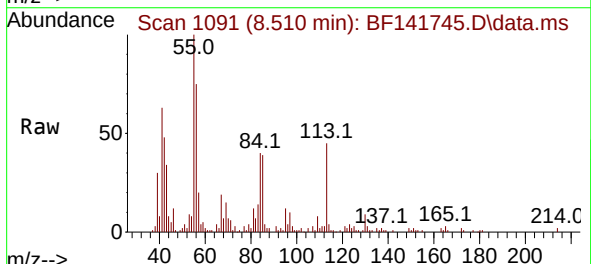
Instrument :
BNA_F
ClientSampleId :
BEL-25-0005

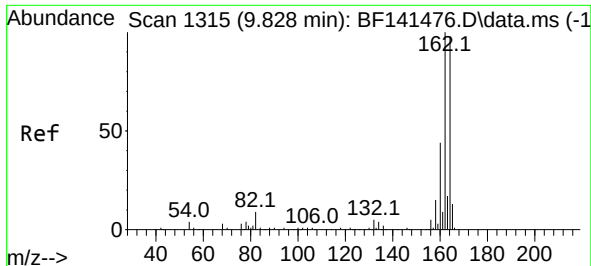
Tgt Ion:122 Resp: 231323
Ion Ratio Lower Upper
122 100
105 126.0 106.5 146.5
77 92.0 76.3 116.3



#35
Caprolactam
Concen: 20.150 ng
RT: 8.510 min Scan# 1091
Delta R.T. -0.035 min
Lab File: BF141745.D
Acq: 24 Feb 2025 15:39

Tgt Ion:113 Resp: 29028
Ion Ratio Lower Upper
113 100
55 221.1 180.8 220.8#
56 164.7 133.6 173.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141745.D

Acq: 24 Feb 2025 15:39

Instrument :

BNA_F

ClientSampleId :

BEL-25-0005

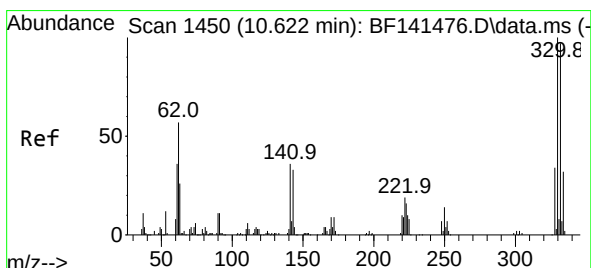
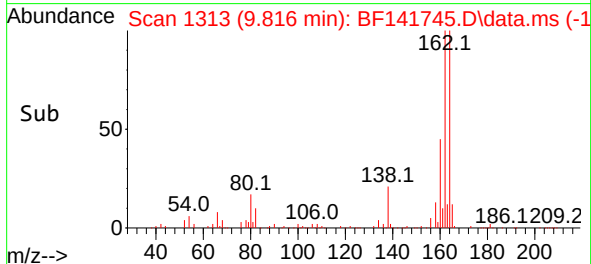
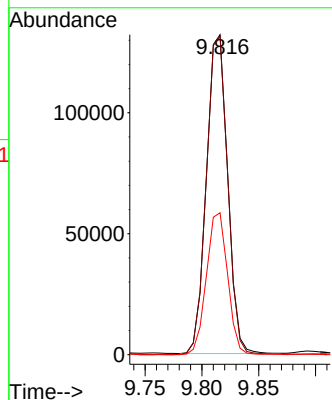
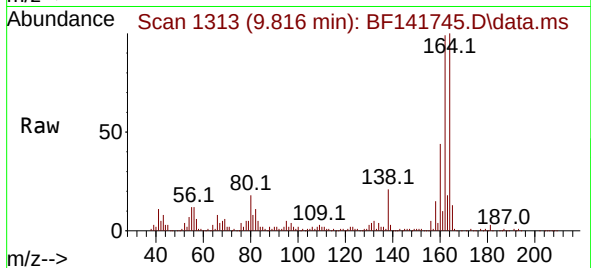
Tgt Ion:164 Resp: 170998

Ion Ratio Lower Upper

164 100

162 99.5 81.3 121.9

160 44.3 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 147.669 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.023 min

Lab File: BF141745.D

Acq: 24 Feb 2025 15:39

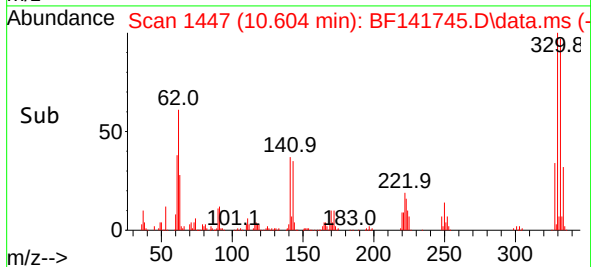
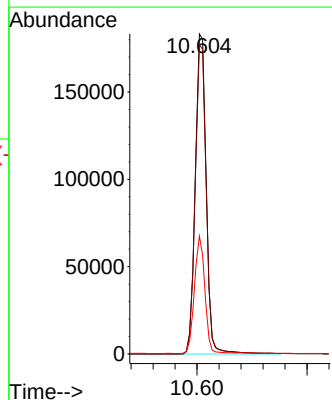
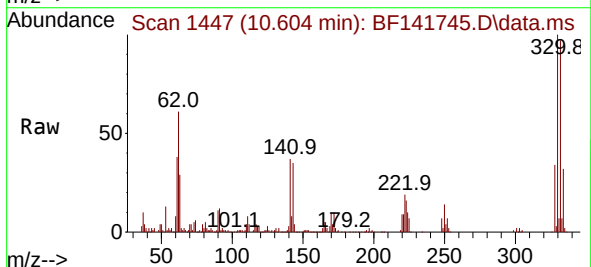
Tgt Ion:330 Resp: 253658

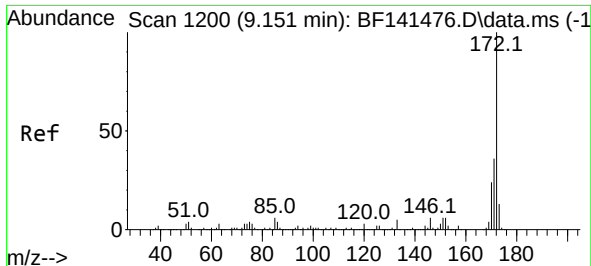
Ion Ratio Lower Upper

330 100

332 96.8 78.5 117.7

141 35.3 31.0 46.4

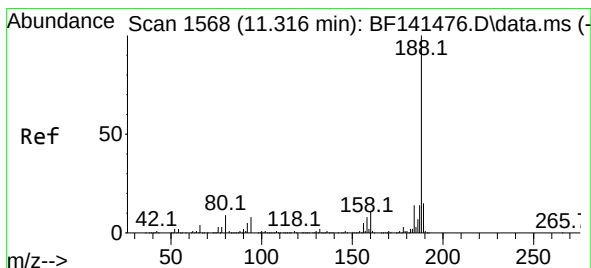
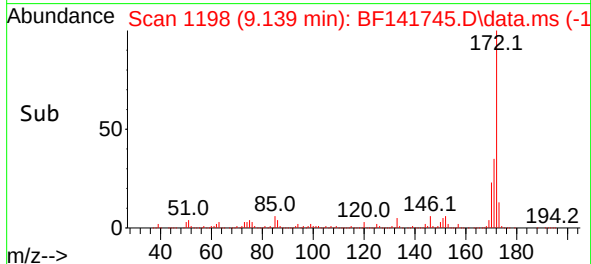
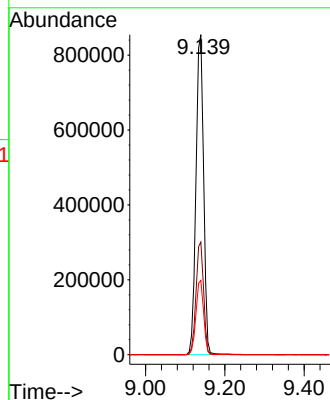
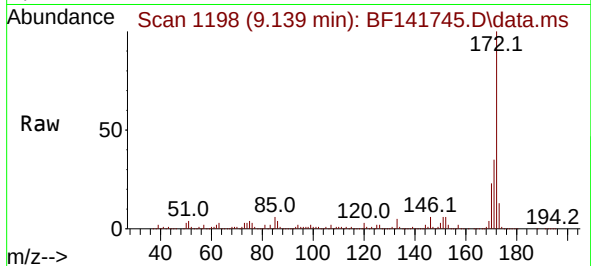




#45
2-Fluorobiphenyl
Concen: 102.722 ng
RT: 9.139 min Scan# 11198
Delta R.T. -0.012 min
Lab File: BF141745.D
Acq: 24 Feb 2025 15:39

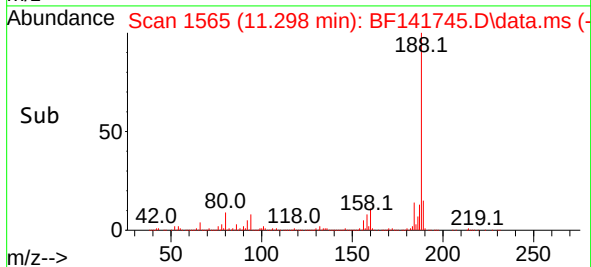
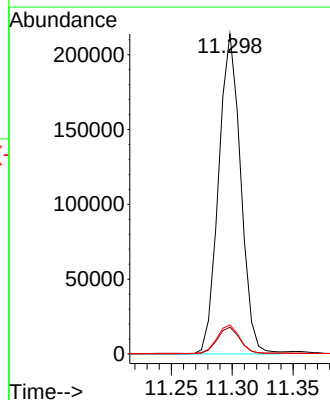
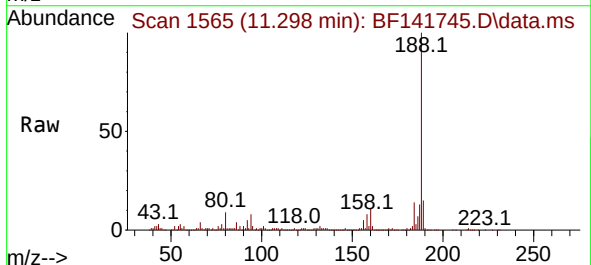
Instrument :
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BEL-25-0005

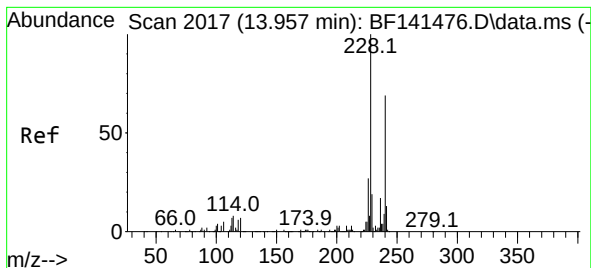
Tgt Ion:172 Resp: 1140121
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 23.2 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.017 min
Lab File: BF141745.D
Acq: 24 Feb 2025 15:39

Tgt Ion:188 Resp: 270414
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.1 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2017

Delta R.T. -0.023 min

Lab File: BF141745.D

Acq: 24 Feb 2025 15:39

Instrument :

BNA_F

ClientSampleId :

BEL-25-0005

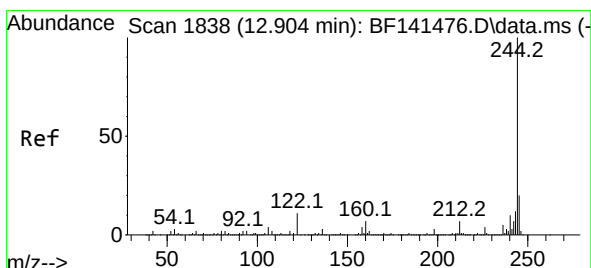
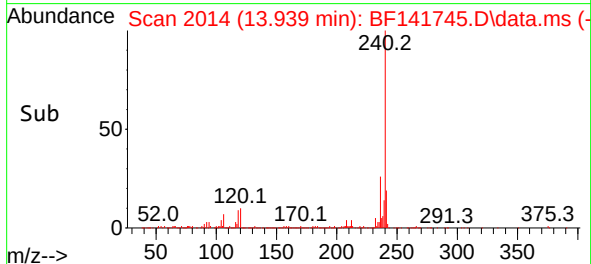
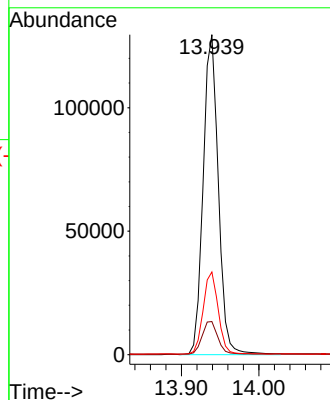
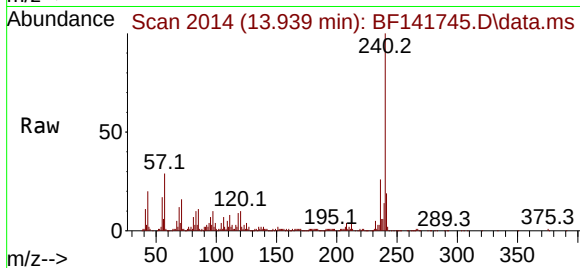
Tgt Ion:240 Resp: 176235

Ion Ratio Lower Upper

240 100

120 10.4 8.0 12.0

236 25.9 19.8 29.8



#79

Terphenyl-d14

Concen: 98.823 ng

RT: 12.886 min Scan# 1835

Delta R.T. -0.017 min

Lab File: BF141745.D

Acq: 24 Feb 2025 15:39

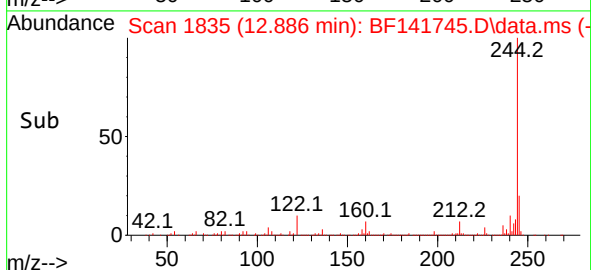
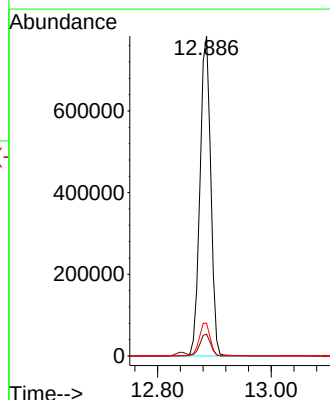
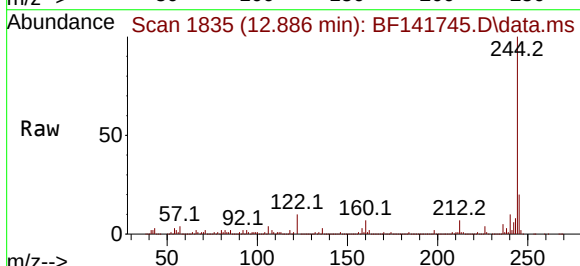
Tgt Ion:244 Resp: 1031648

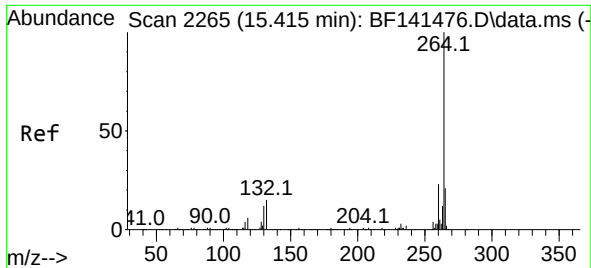
Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.2 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF141745.D
Acq: 24 Feb 2025 15:39

Instrument :
BNA_F
ClientSampleId :
BEL-25-0005

Tgt Ion:264 Resp: 193629
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.7 17.0 25.4

