

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
 Data File : BF141786.D
 Acq On : 26 Feb 2025 16:57
 Operator : RC/JU
 Sample : Q1422-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-154-SB02

Quant Time: Feb 26 17:24:24 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	73149	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	294675	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	161129	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	287751	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	231209	20.000	ng	-0.02
86) Perylene-d12	15.386	264	186877	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	245073	52.525	ng	0.00
7) Phenol-d6	6.422	99	317704	53.873	ng	-0.02
23) Nitrobenzene-d5	7.345	82	183695	32.514	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	79551	49.148	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	383147	36.635	ng	-0.02
79) Terphenyl-d14	12.880	244	502162	36.665	ng	-0.02

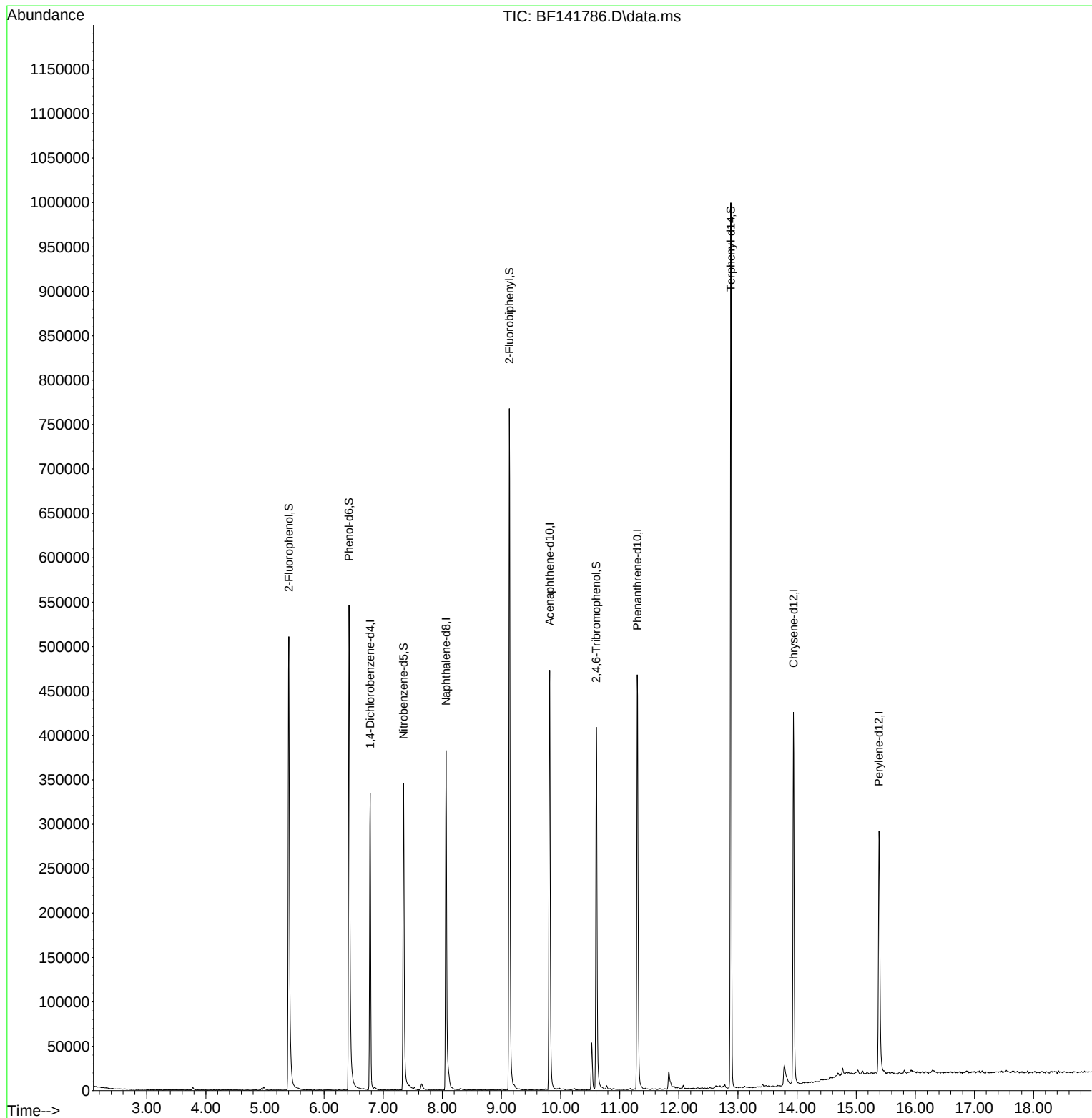
Target Compounds	Qvalue

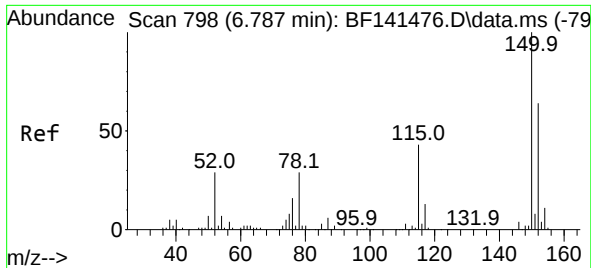
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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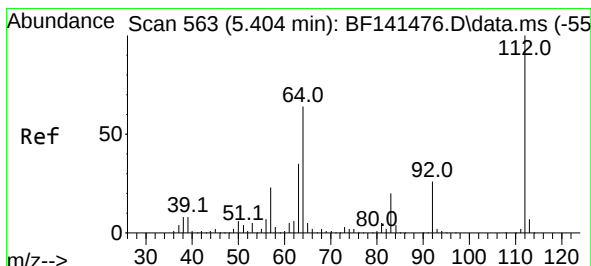
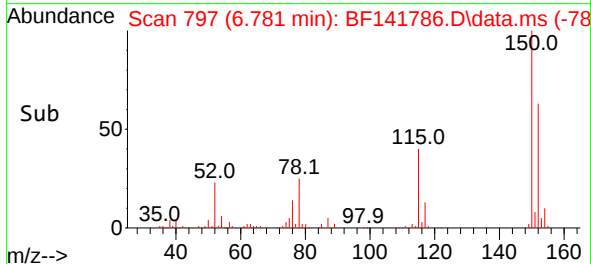
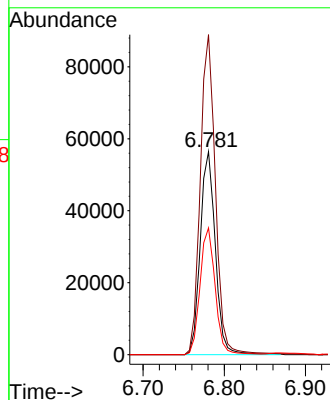
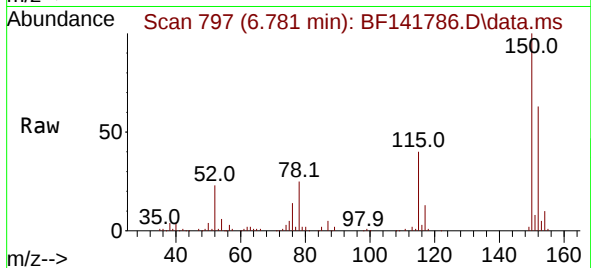




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141786.D
Acq: 26 Feb 2025 16:57

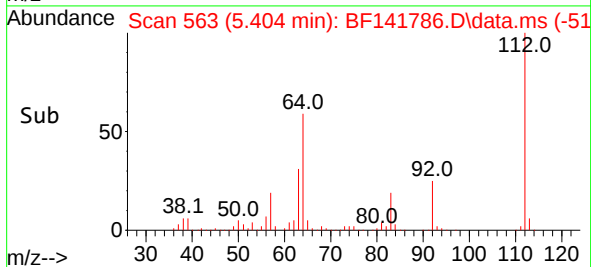
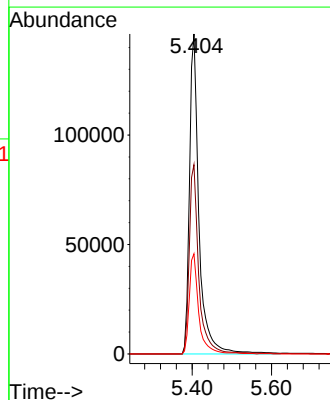
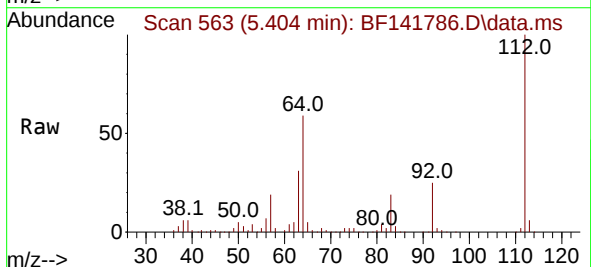
Instrument :
BNA_F
ClientSampleId :
B-154-SB02

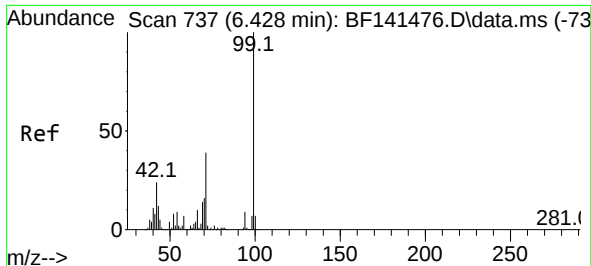
Tgt Ion:152 Resp: 73149
Ion Ratio Lower Upper
152 100
150 157.6 125.0 187.4
115 62.4 53.6 80.4



#5
2-Fluorophenol
Concen: 52.525 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141786.D
Acq: 26 Feb 2025 16:57

Tgt Ion:112 Resp: 245073
Ion Ratio Lower Upper
112 100
64 59.1 51.1 76.7
63 31.3 28.4 42.6

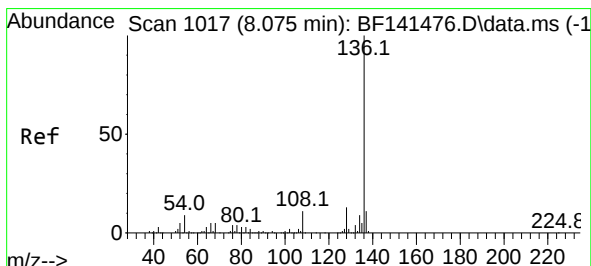
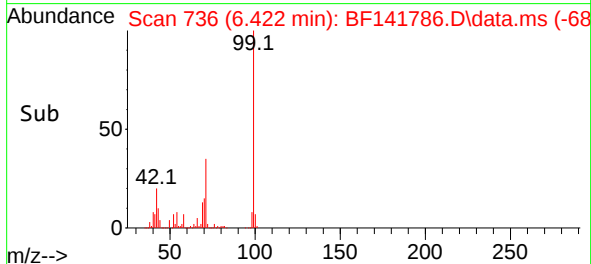
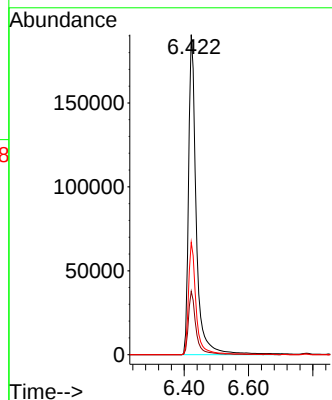
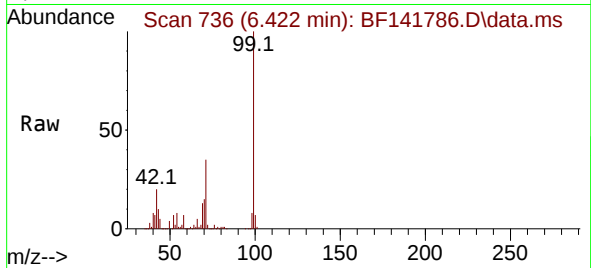




#7
Phenol-d6
Concen: 53.873 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141786.D
Acq: 26 Feb 2025 16:57

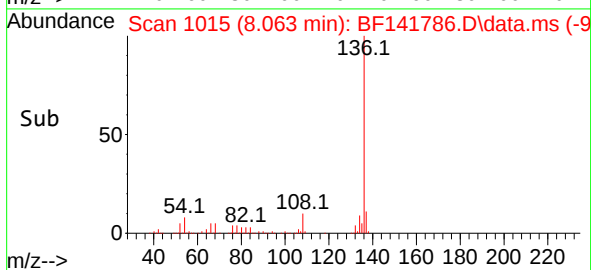
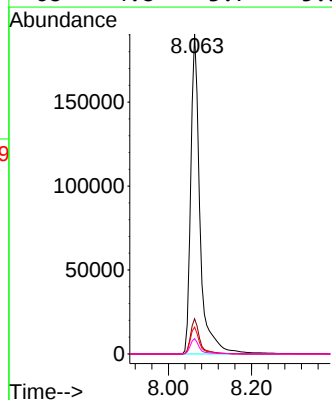
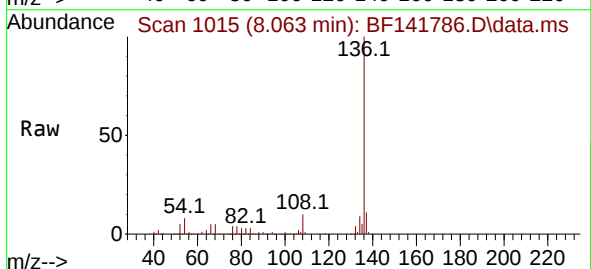
Instrument :
BNA_F
ClientSampleId :
B-154-SB02

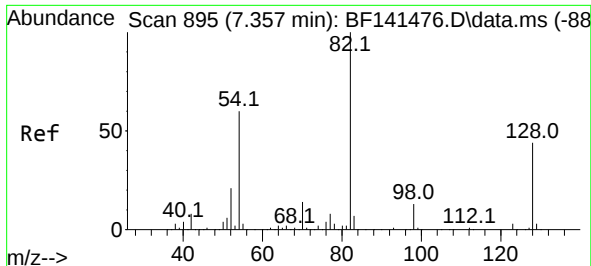
Tgt Ion: 99 Resp: 317704
Ion Ratio Lower Upper
99 100
42 19.8 19.1 28.7
71 35.1 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141786.D
Acq: 26 Feb 2025 16:57

Tgt Ion: 136 Resp: 294675
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.4 7.2 10.8
68 4.8 3.7 5.5

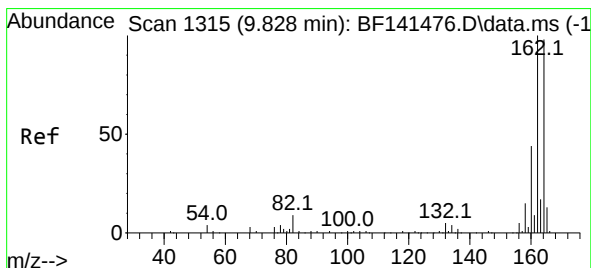
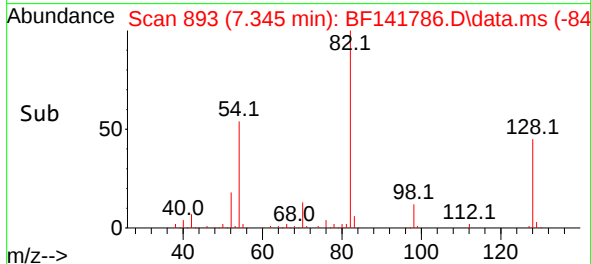
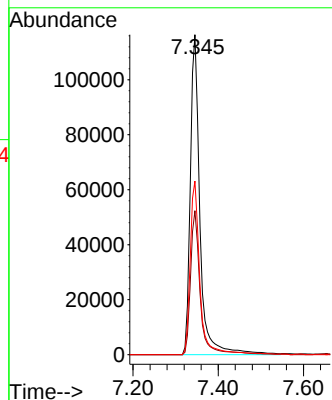
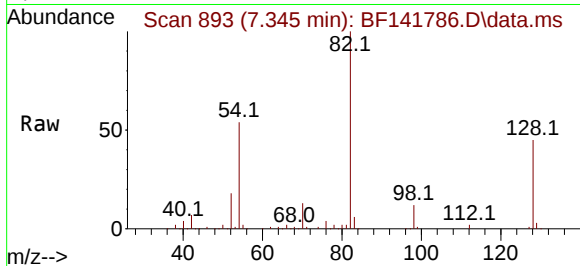




#23
Nitrobenzene-d5
Concen: 32.514 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF141786.D
Acq: 26 Feb 2025 16:57

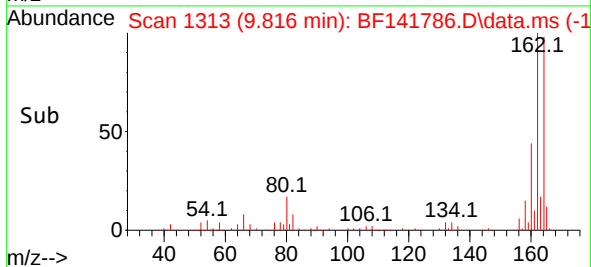
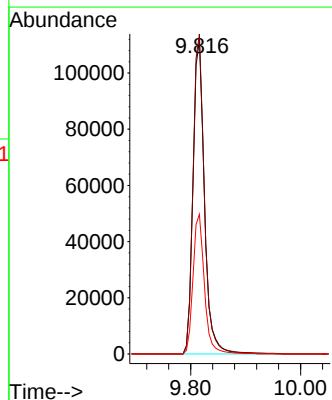
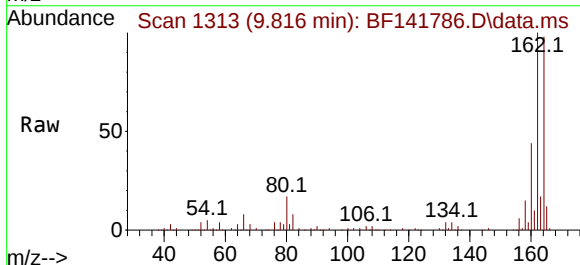
Instrument :
BNA_F
ClientSampleId :
B-154-SB02

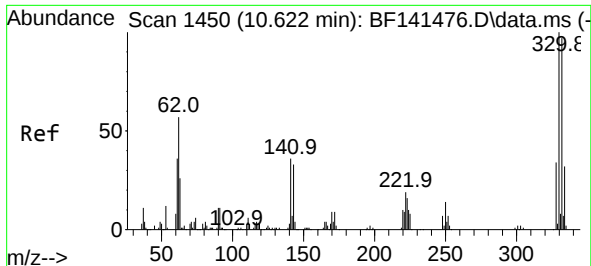
Tgt Ion: 82 Resp: 183695
Ion Ratio Lower Upper
82 100
128 45.0 34.8 52.2
54 54.2 48.2 72.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF141786.D
Acq: 26 Feb 2025 16:57

Tgt Ion:164 Resp: 161129
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 44.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 49.148 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.023 min

Lab File: BF141786.D

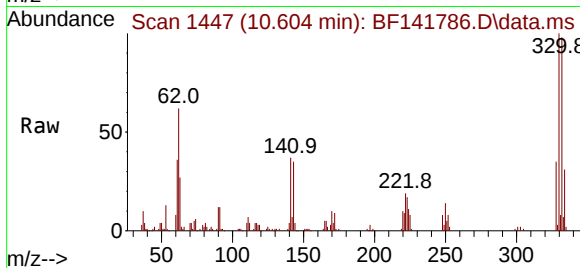
Acq: 26 Feb 2025 16:57

Instrument :

BNA_F

ClientSampleId :

B-154-SB02



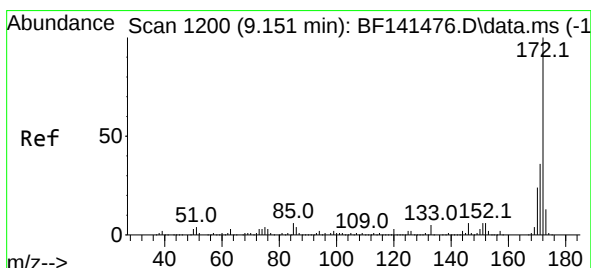
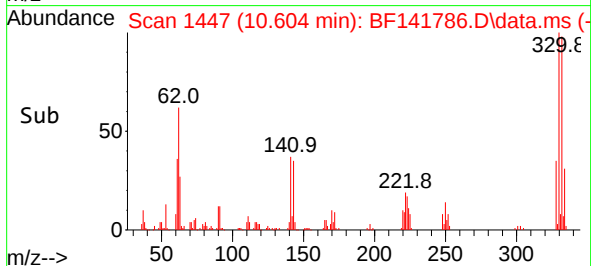
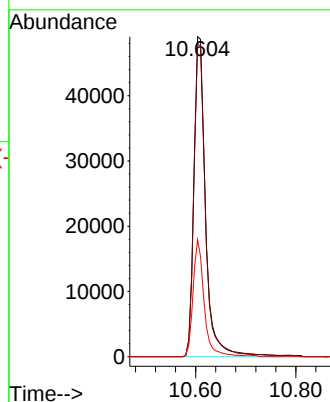
Tgt Ion:330 Resp: 79551

Ion Ratio Lower Upper

330 100

332 97.9 78.5 117.7

141 34.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 36.635 ng

RT: 9.133 min Scan# 1197

Delta R.T. -0.018 min

Lab File: BF141786.D

Acq: 26 Feb 2025 16:57

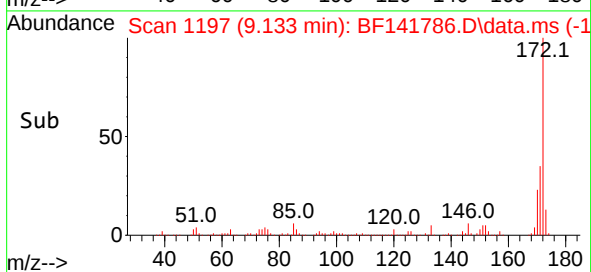
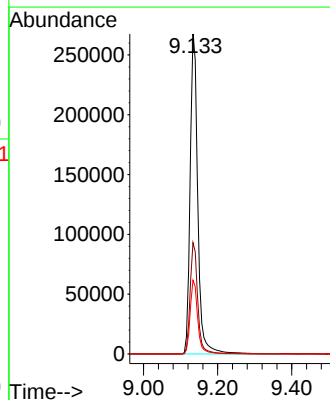
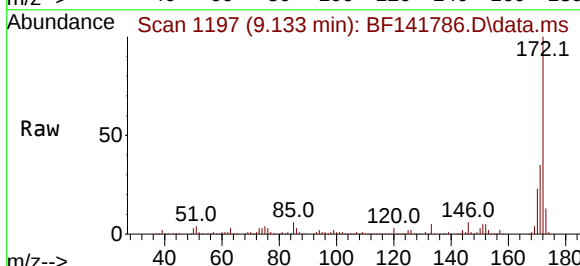
Tgt Ion:172 Resp: 383147

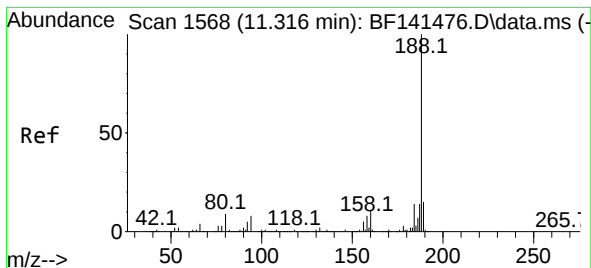
Ion Ratio Lower Upper

172 100

171 34.8 28.7 43.1

170 23.0 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141786.D

Acq: 26 Feb 2025 16:57

Instrument :

BNA_F

ClientSampleId :

B-154-SB02

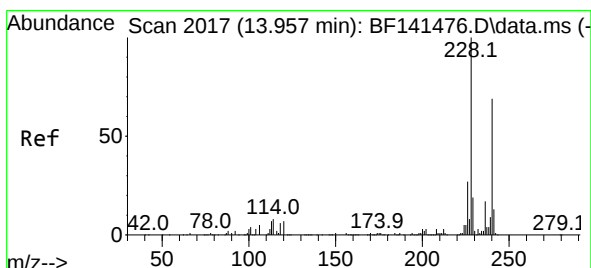
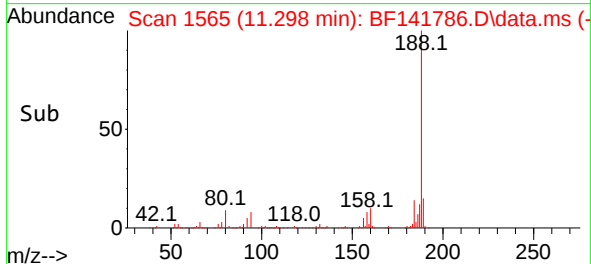
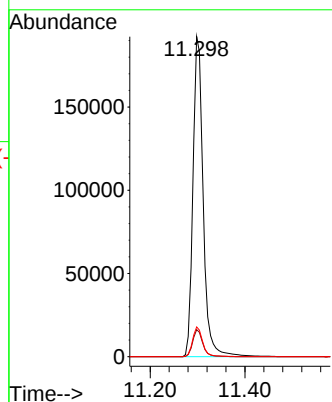
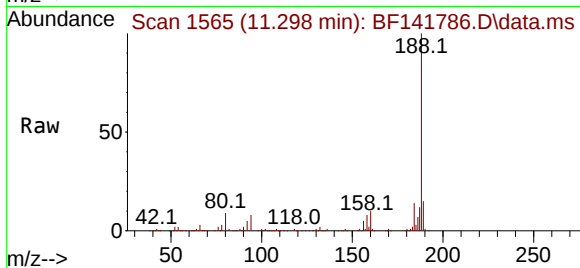
Tgt Ion:188 Resp: 287751

Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

80 9.3 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.023 min

Lab File: BF141786.D

Acq: 26 Feb 2025 16:57

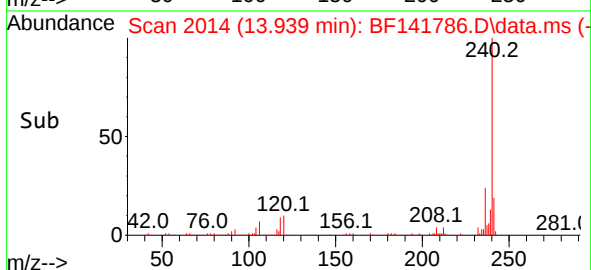
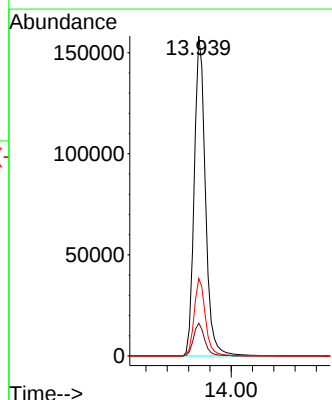
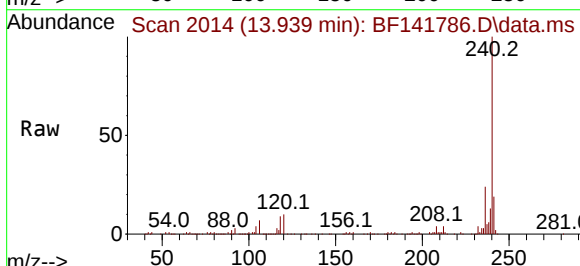
Tgt Ion:240 Resp: 231209

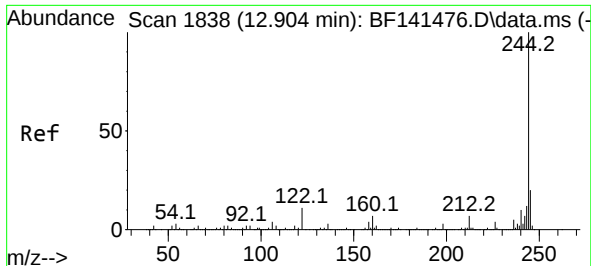
Ion Ratio Lower Upper

240 100

120 10.3 8.0 12.0

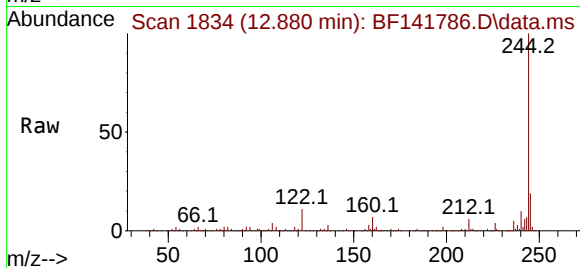
236 24.2 19.8 29.8



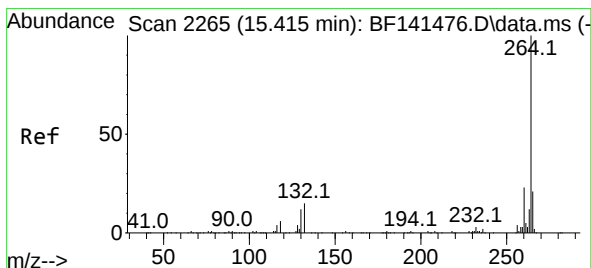
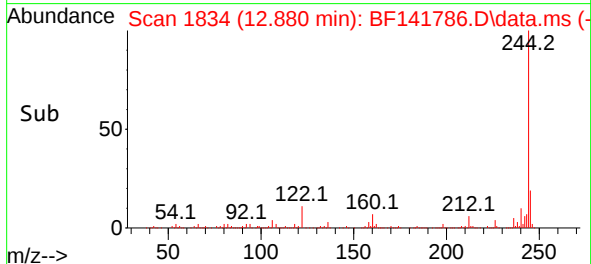
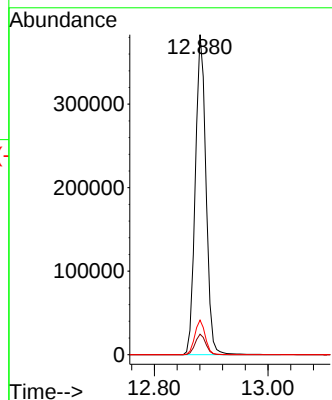


#79
 Terphenyl-d14
 Concen: 36.665 ng
 RT: 12.880 min Scan# 1834
 Delta R.T. -0.023 min
 Lab File: BF141786.D
 Acq: 26 Feb 2025 16:57

Instrument :
 BNA_F
 ClientSampleId :
 B-154-SB02



Tgt Ion:244 Resp: 502162
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 10.8 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2260
 Delta R.T. -0.029 min
 Lab File: BF141786.D
 Acq: 26 Feb 2025 16:57

Tgt Ion:264 Resp: 186877
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.7 17.0 25.4

