

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
 Data File : BF141537.D
 Acq On : 10 Feb 2025 16:23
 Operator : RC/JU
 Sample : Q1299-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Feb 10 16:40:51 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	6.787	152	71095	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	284727	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	156372	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	278700	20.000	ng	0.00
76) Chrysene-d12	13.951	240	214003	20.000	ng	-0.01
86) Perylene-d12	15.404	264	152761	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	690996	152.374	ng	0.01
7) Phenol-d6	6.428	99	836898	146.012	ng	-0.01
23) Nitrobenzene-d5	7.351	82	566884	103.846	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	252329	160.634	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1082193	106.622	ng	0.00
79) Terphenyl-d14	12.898	244	1318059	103.976	ng	0.00

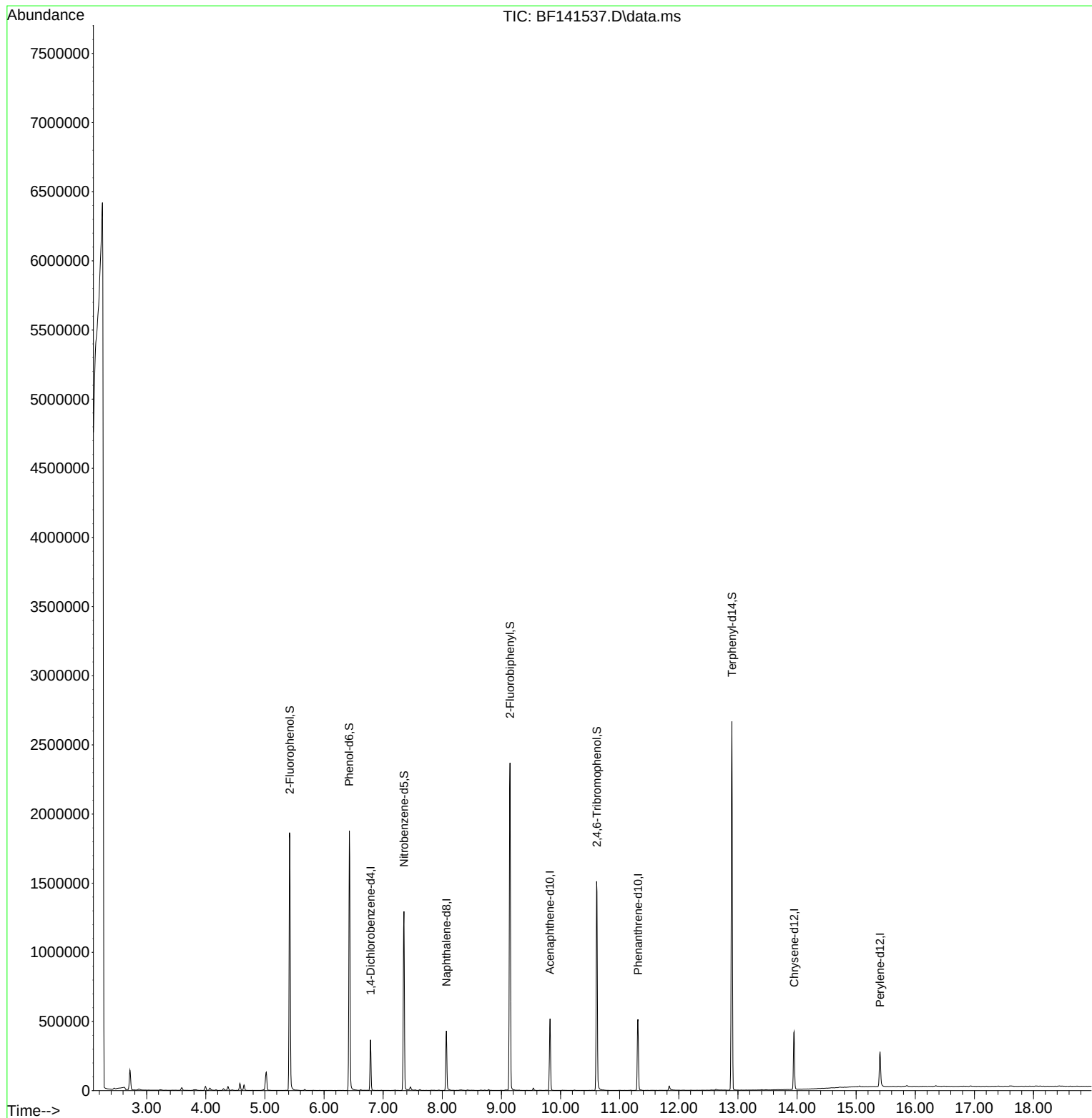
Target Compounds	Qvalue

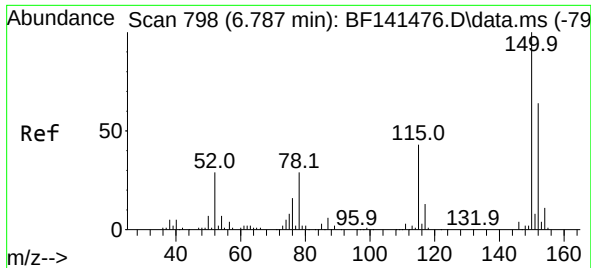
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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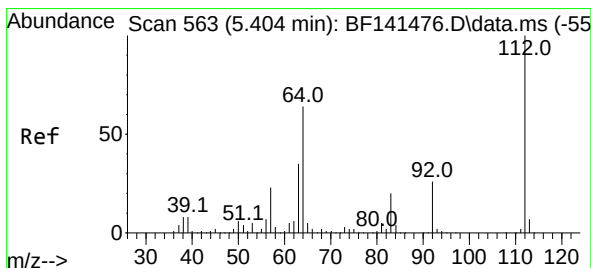
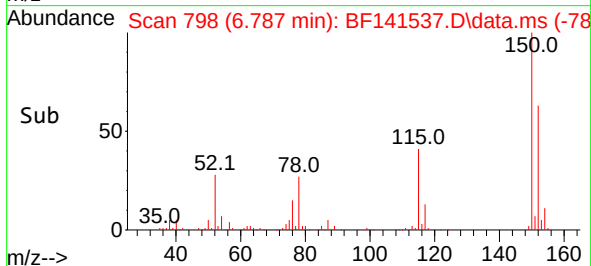
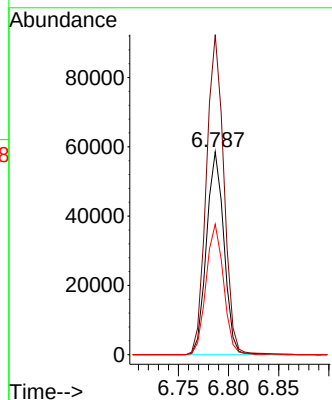
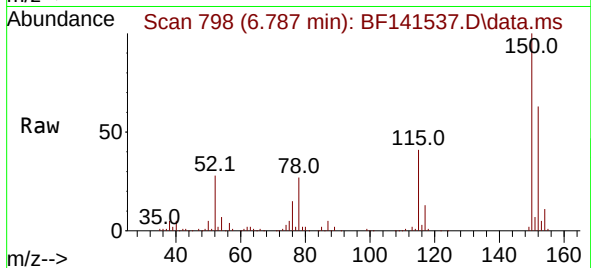




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141537.D
 Acq: 10 Feb 2025 16:23

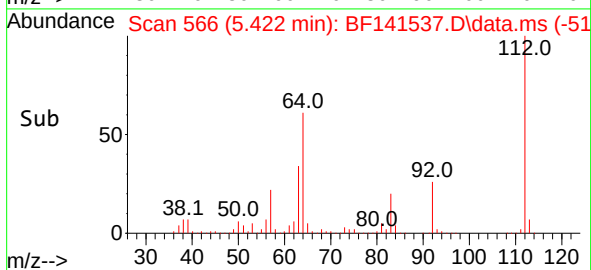
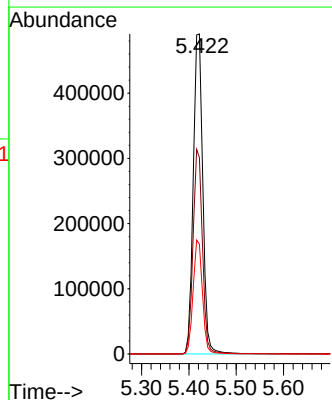
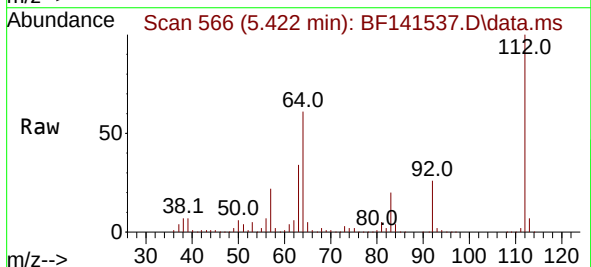
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

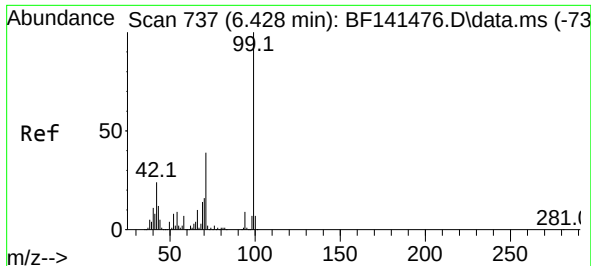
Tgt Ion:152 Resp: 71095
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.0 187.4
 115 64.4 53.6 80.4



#5
 2-Fluorophenol
 Concen: 152.374 ng
 RT: 5.422 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF141537.D
 Acq: 10 Feb 2025 16:23

Tgt Ion:112 Resp: 690996
 Ion Ratio Lower Upper
 112 100
 64 61.4 51.1 76.7
 63 34.4 28.4 42.6

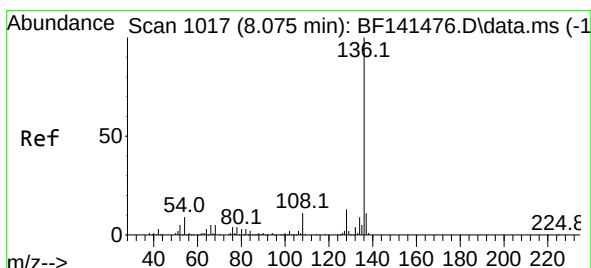
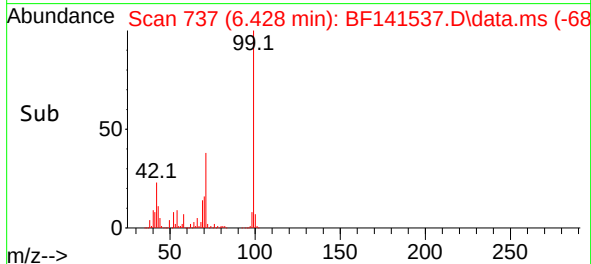
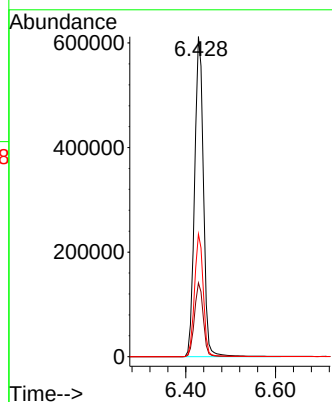
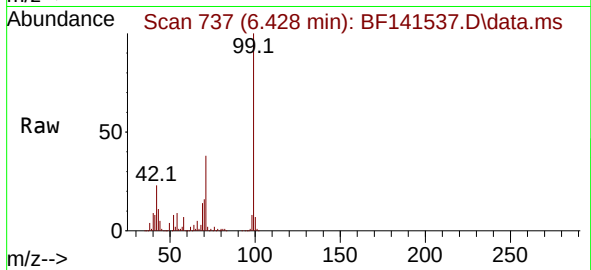




#7
Phenol-d6
Concen: 146.012 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF141537.D
Acq: 10 Feb 2025 16:23

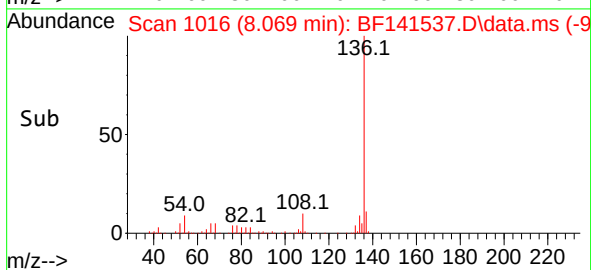
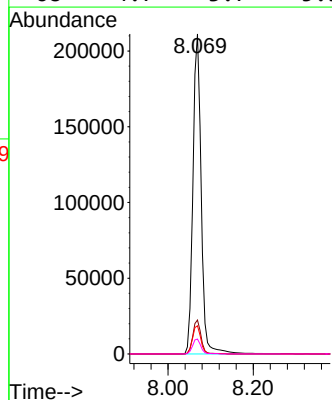
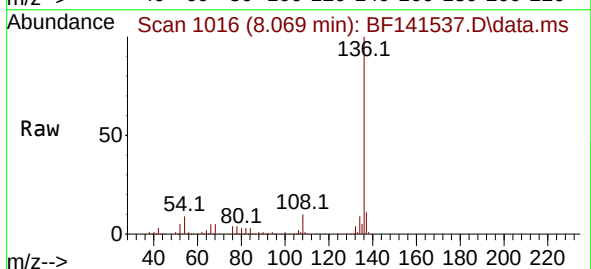
Instrument :
BNA_F
ClientSampleId :
WC-1

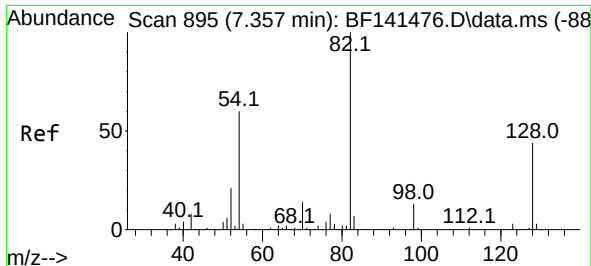
Tgt Ion: 99 Resp: 836898
Ion Ratio Lower Upper
99 100
42 23.1 19.1 28.7
71 38.3 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141537.D
Acq: 10 Feb 2025 16:23

Tgt Ion: 136 Resp: 284727
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.8 7.2 10.8
68 4.7 3.7 5.5





#23

Nitrobenzene-d5

Concen: 103.846 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.011 min

Lab File: BF141537.D

Acq: 10 Feb 2025 16:23

Instrument :

BNA_F

ClientSampleId :

WC-1

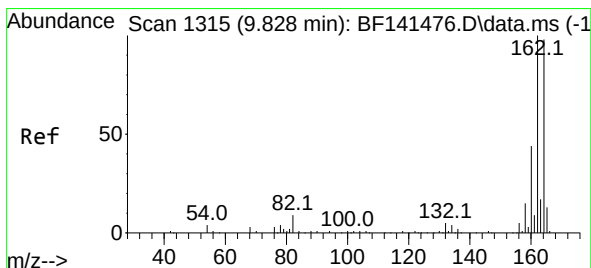
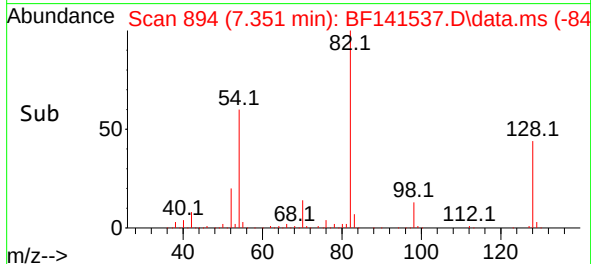
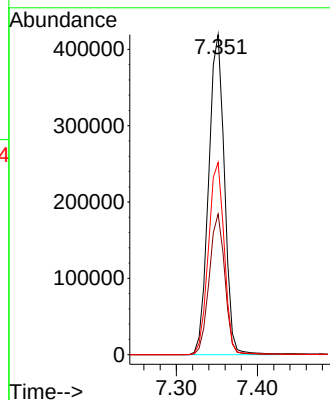
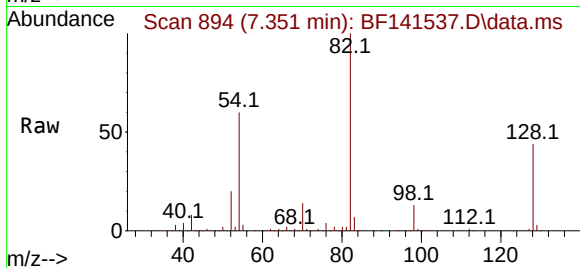
Tgt Ion: 82 Resp: 566884

Ion Ratio Lower Upper

82 100

128 43.9 34.8 52.2

54 60.1 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.011 min

Lab File: BF141537.D

Acq: 10 Feb 2025 16:23

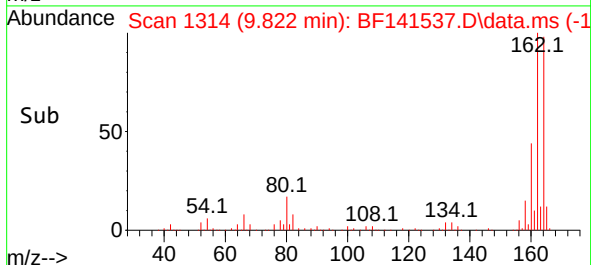
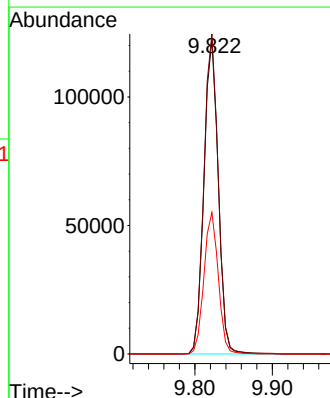
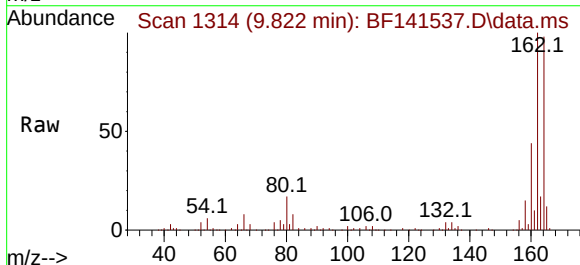
Tgt Ion:164 Resp: 156372

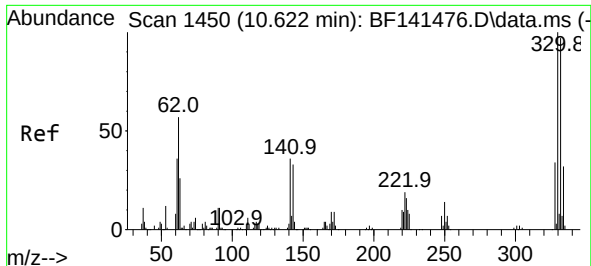
Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

160 45.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 160.634 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.011 min

Lab File: BF141537.D

Acq: 10 Feb 2025 16:23

Instrument :

BNA_F

ClientSampleId :

WC-1

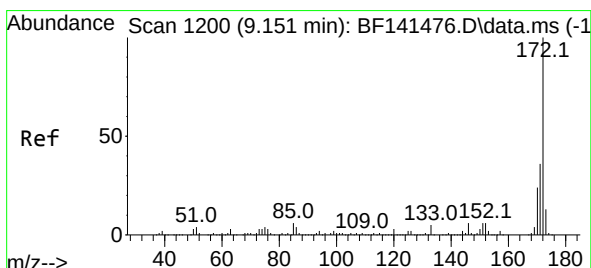
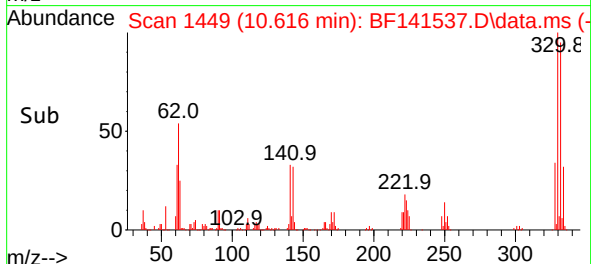
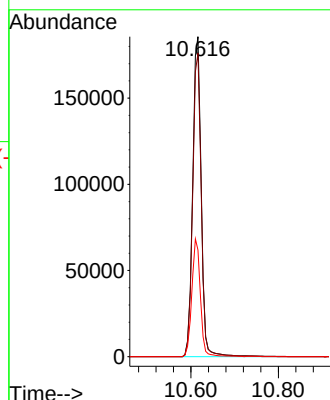
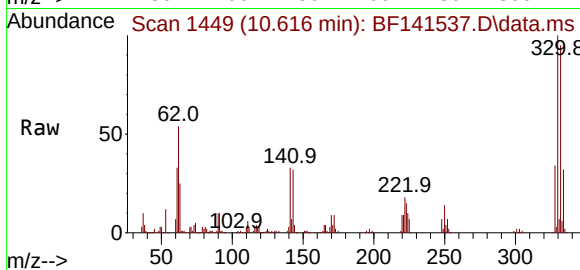
Tgt Ion:330 Resp: 252329

Ion Ratio Lower Upper

330 100

332 95.2 78.5 117.7

141 36.9 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 106.622 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141537.D

Acq: 10 Feb 2025 16:23

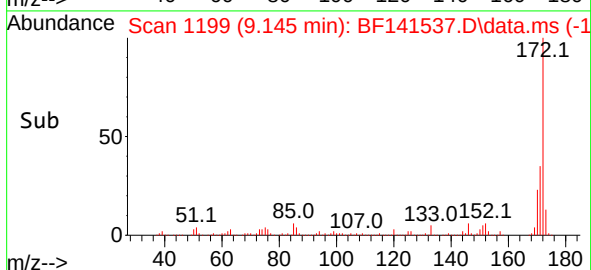
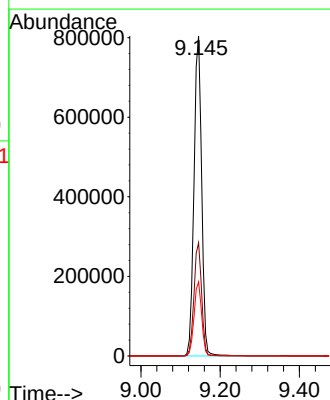
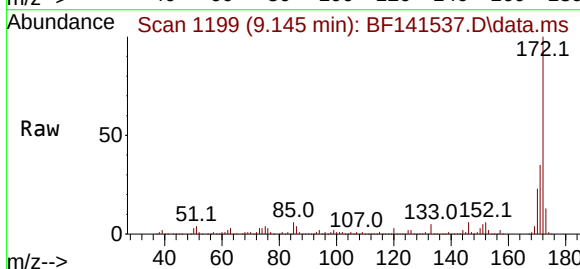
Tgt Ion:172 Resp: 1082193

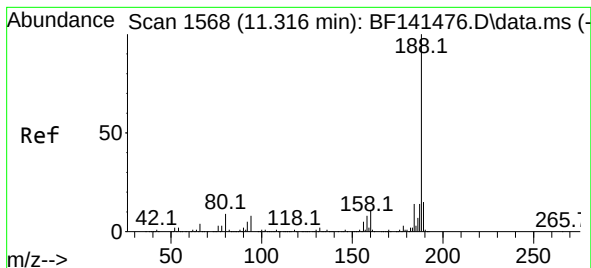
Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.2 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141537.D

Acq: 10 Feb 2025 16:23

Instrument :

BNA_F

ClientSampleId :

WC-1

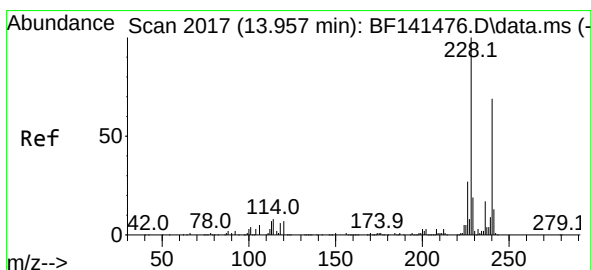
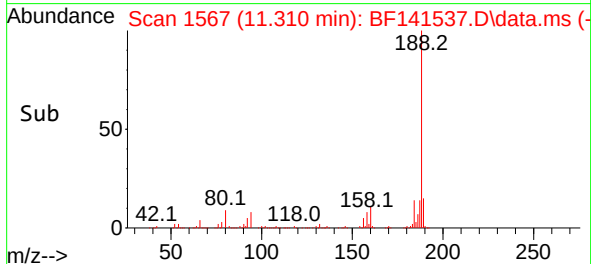
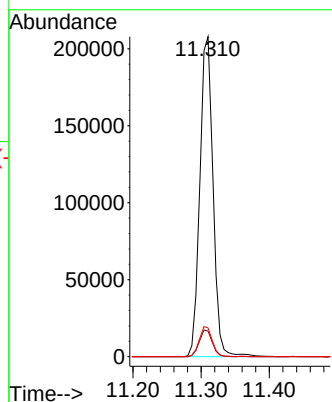
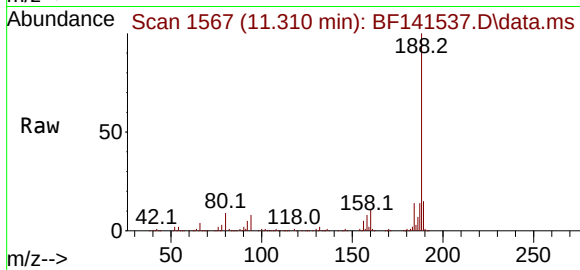
Tgt Ion:188 Resp: 278700

Ion Ratio Lower Upper

188 100

94 8.0 6.6 10.0

80 9.0 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.011 min

Lab File: BF141537.D

Acq: 10 Feb 2025 16:23

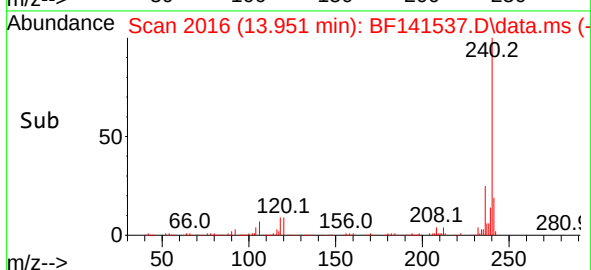
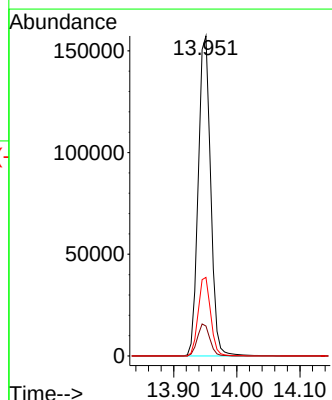
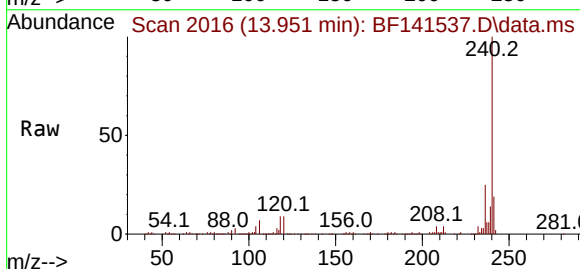
Tgt Ion:240 Resp: 214003

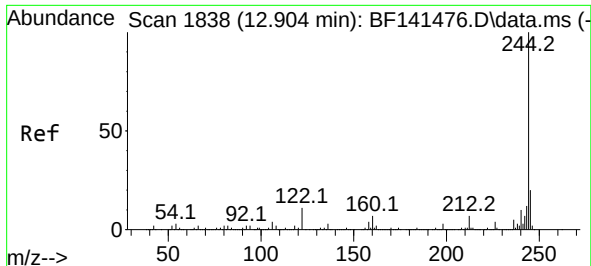
Ion Ratio Lower Upper

240 100

120 9.3 8.0 12.0

236 24.6 19.8 29.8

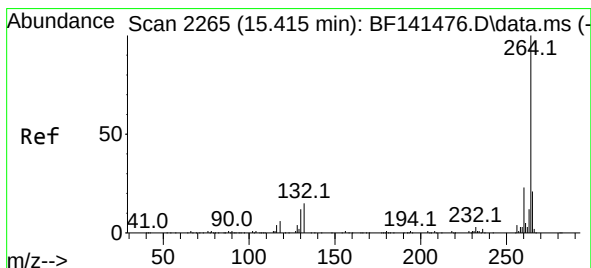
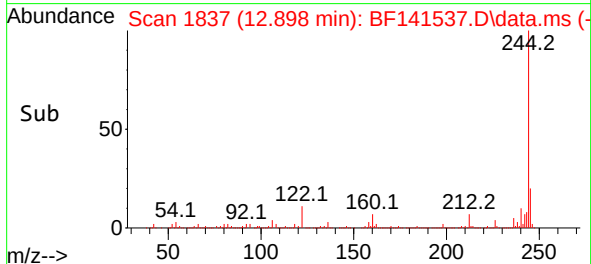
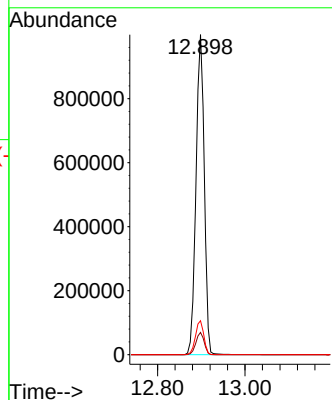
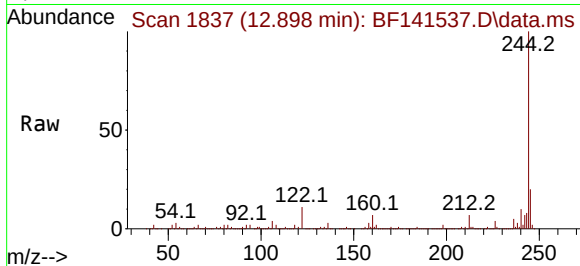




#79
 Terphenyl-d14
 Concen: 103.976 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141537.D
 Acq: 10 Feb 2025 16:23

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 1318059
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.6 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2263
 Delta R.T. -0.011 min
 Lab File: BF141537.D
 Acq: 10 Feb 2025 16:23

Tgt Ion:264 Resp: 152761
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 21.4 17.0 25.4

