

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
 Data File : BF141536.D
 Acq On : 10 Feb 2025 15:57
 Operator : RC/JU
 Sample : Q1322-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

Quant Time: Feb 10 16:32:14 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	73137	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	289023	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	157501	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	269181	20.000	ng	0.00
76) Chrysene-d12	13.951	240	202540	20.000	ng	-0.01
86) Perylene-d12	15.416	264	146679	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	149509	32.048	ng	0.00
7) Phenol-d6	6.422	99	114523	19.423	ng	-0.02
23) Nitrobenzene-d5	7.351	82	423571	76.439	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	135666	85.747	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	801121	78.364	ng	0.00
79) Terphenyl-d14	12.898	244	1069592	89.151	ng	0.00

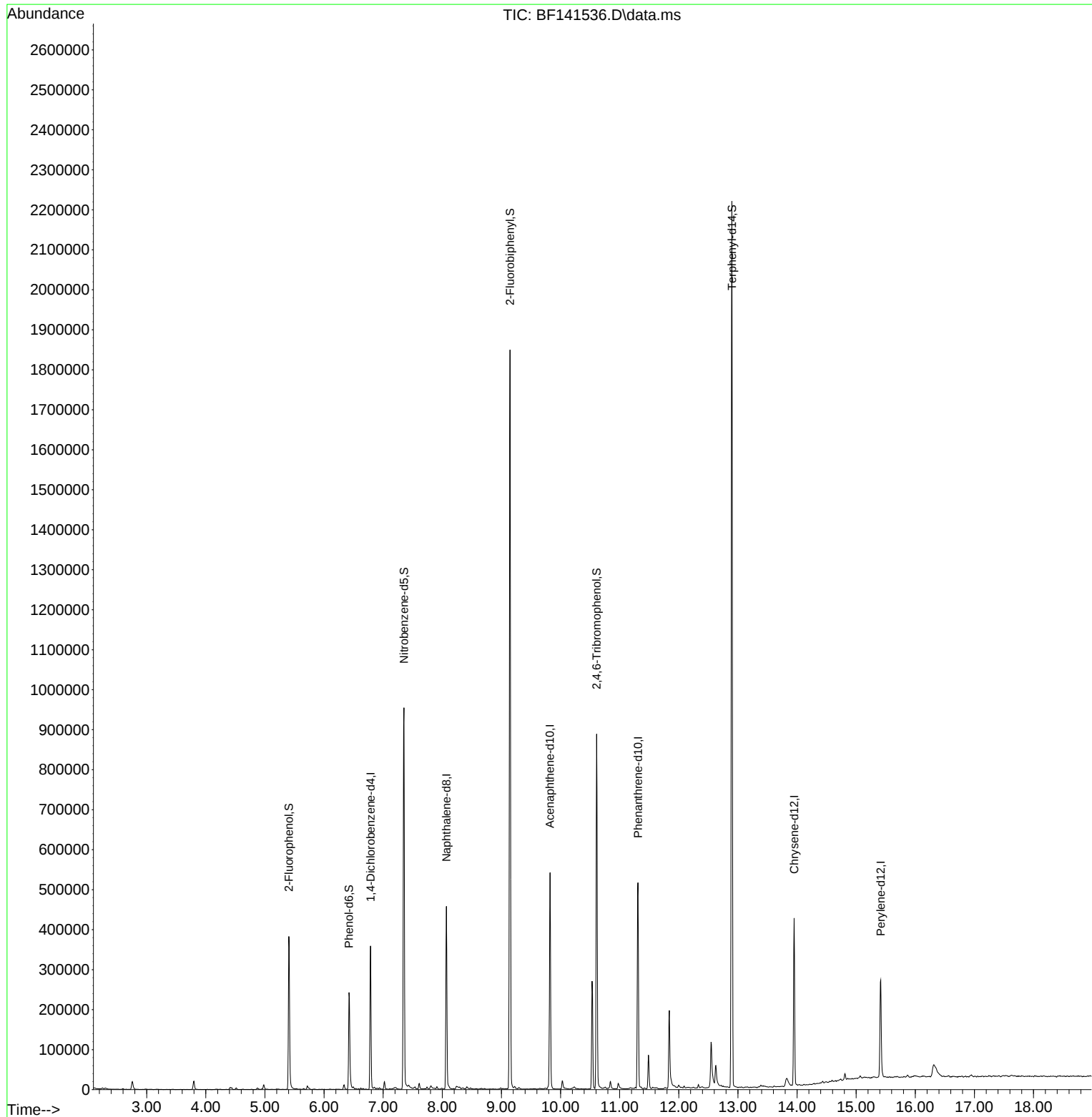
Target Compounds	Qvalue

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

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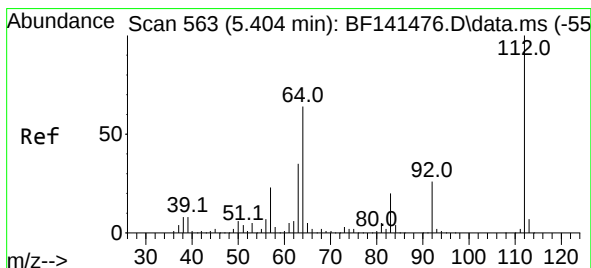
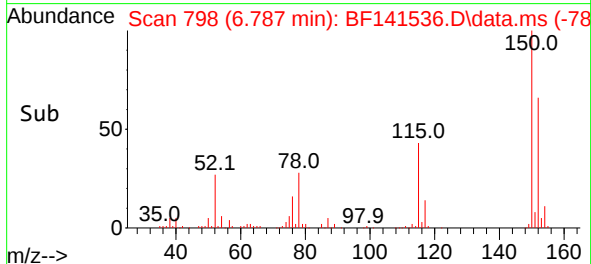
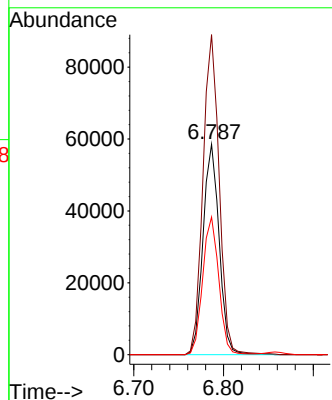
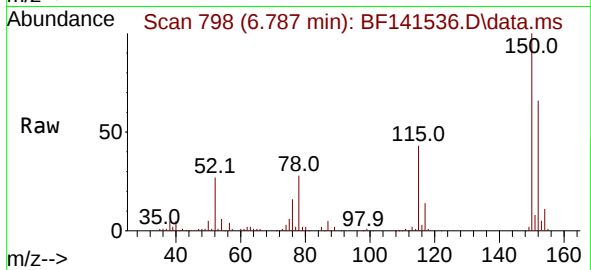




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141536.D
 Acq: 10 Feb 2025 15:57

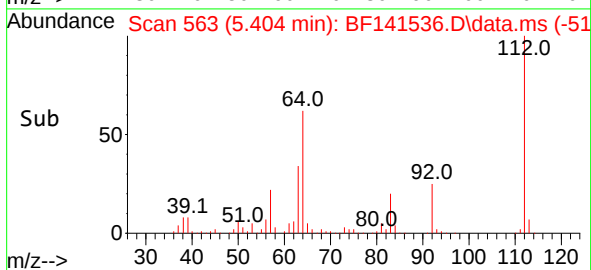
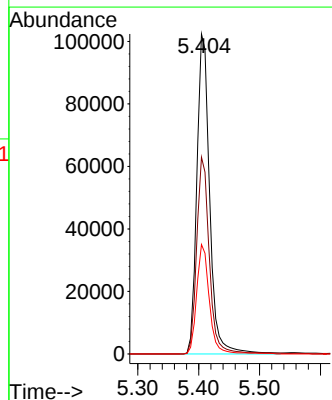
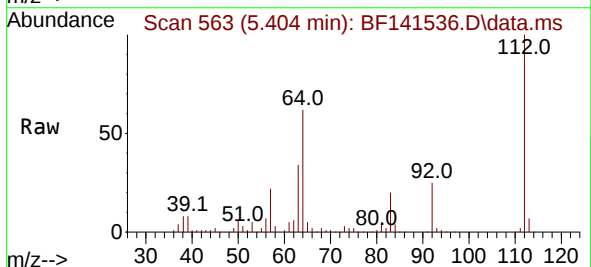
Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

Tgt Ion:152 Resp: 73137
 Ion Ratio Lower Upper
 152 100
 150 152.1 125.0 187.4
 115 65.5 53.6 80.4



#5
 2-Fluorophenol
 Concen: 32.048 ng
 RT: 5.404 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: BF141536.D
 Acq: 10 Feb 2025 15:57

Tgt Ion:112 Resp: 149509
 Ion Ratio Lower Upper
 112 100
 64 61.5 51.1 76.7
 63 34.2 28.4 42.6

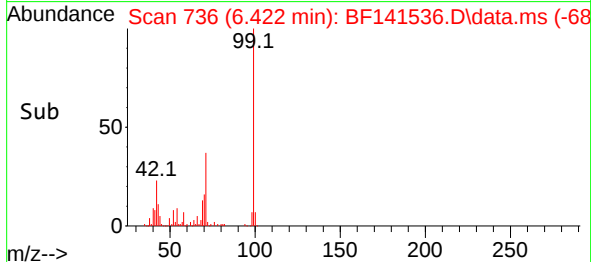
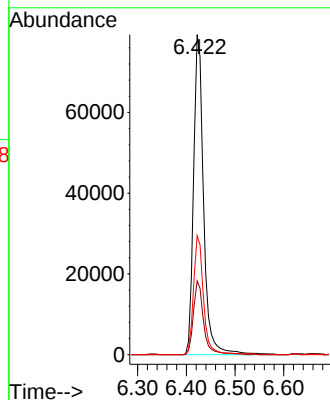
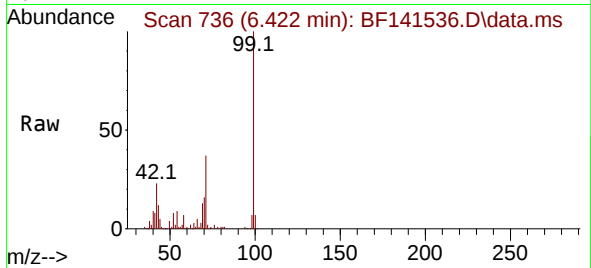




#7
Phenol-d6
Concen: 19.423 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141536.D
Acq: 10 Feb 2025 15:57

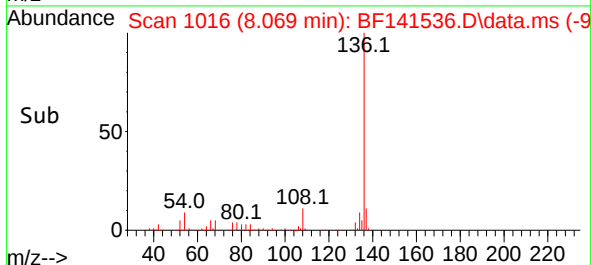
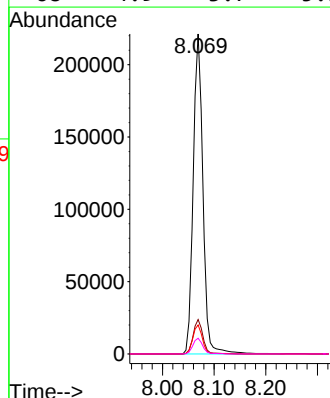
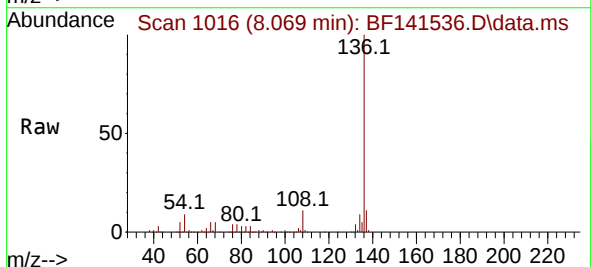
Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tgt Ion: 99 Resp: 114523
Ion Ratio Lower Upper
99 100
42 23.0 19.1 28.7
71 37.1 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: BF141536.D
Acq: 10 Feb 2025 15:57

Tgt Ion: 136 Resp: 289023
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.1 7.2 10.8
68 4.9 3.7 5.5





#23

Nitrobenzene-d5

Concen: 76.439 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141536.D

Acq: 10 Feb 2025 15:57

Instrument :

BNA_F

ClientSampleId :

MANHOLE

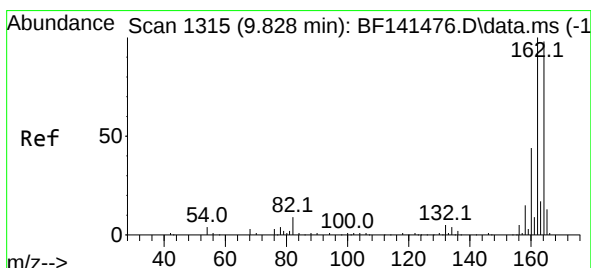
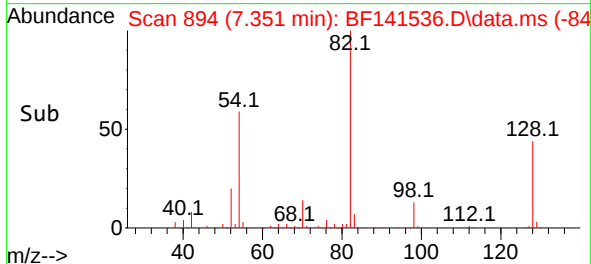
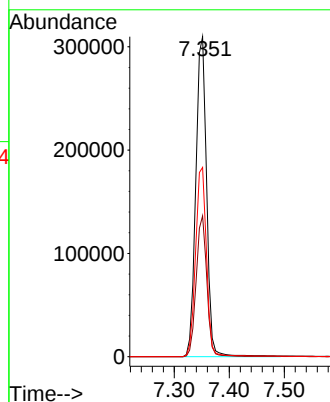
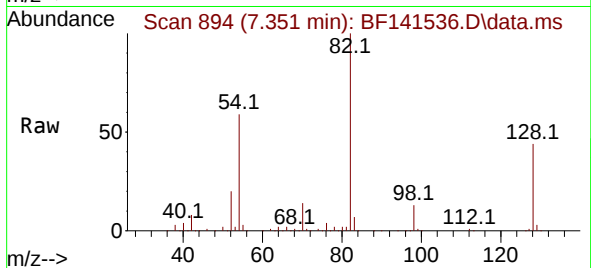
Tgt Ion: 82 Resp: 423571

Ion Ratio Lower Upper

82 100

128 44.0 34.8 52.2

54 59.2 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF141536.D

Acq: 10 Feb 2025 15:57

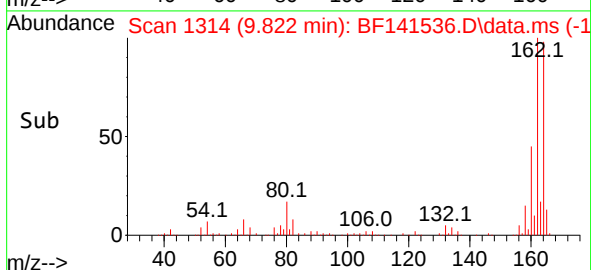
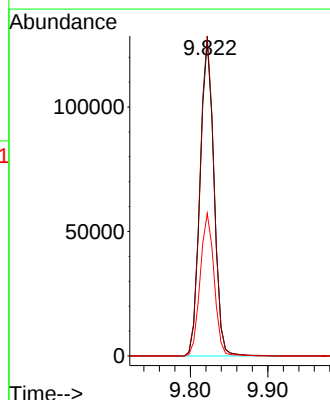
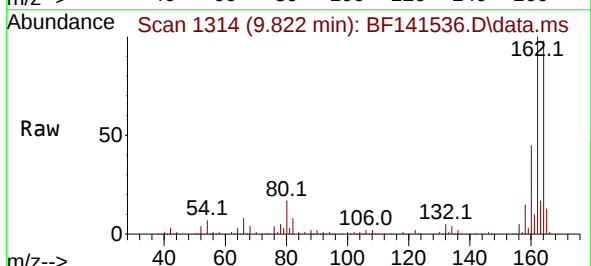
Tgt Ion:164 Resp: 157501

Ion Ratio Lower Upper

164 100

162 101.6 81.3 121.9

160 45.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 85.747 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.017 min

Lab File: BF141536.D

Acq: 10 Feb 2025 15:57

Instrument :

BNA_F

ClientSampleId :

MANHOLE

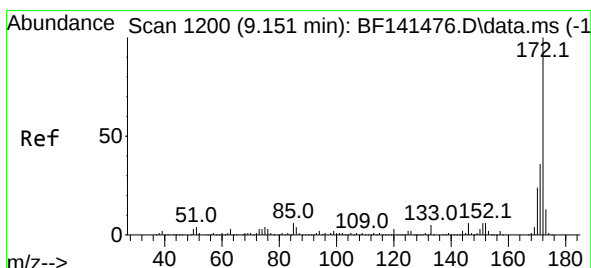
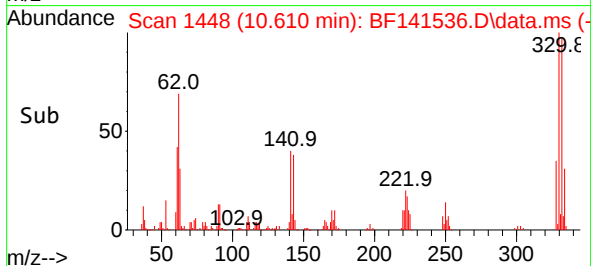
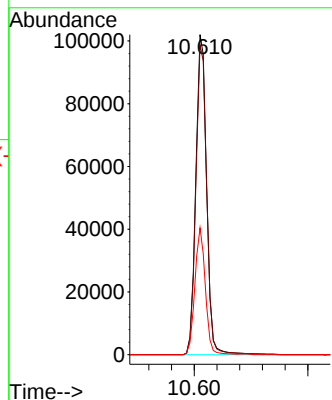
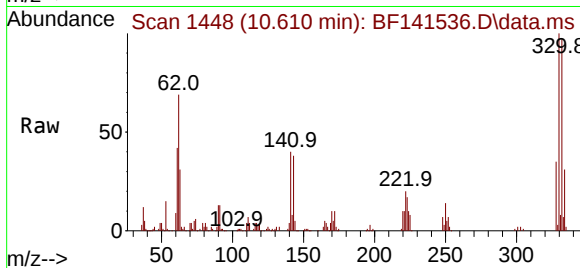
Tgt Ion:330 Resp: 135666

Ion Ratio Lower Upper

330 100

332 97.0 78.5 117.7

141 38.3 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 78.364 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141536.D

Acq: 10 Feb 2025 15:57

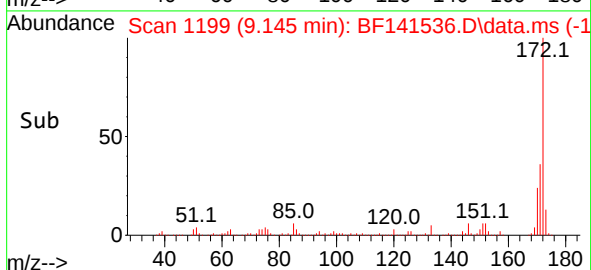
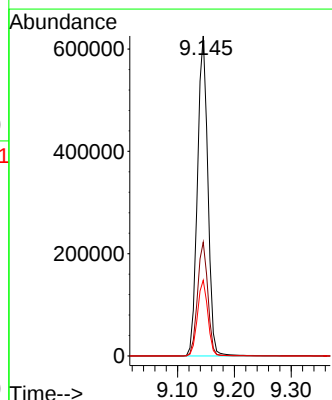
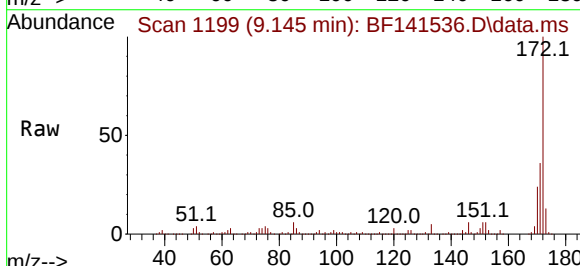
Tgt Ion:172 Resp: 801121

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.7 18.9 28.3

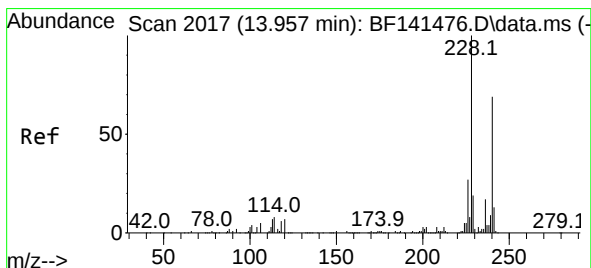
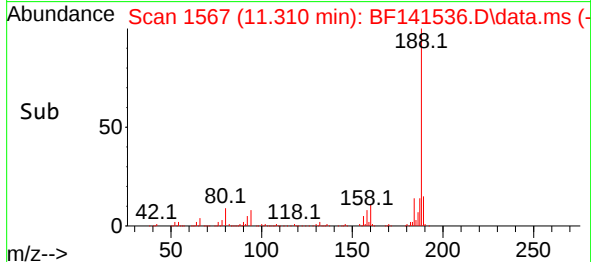
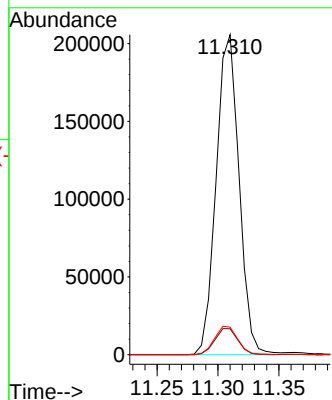
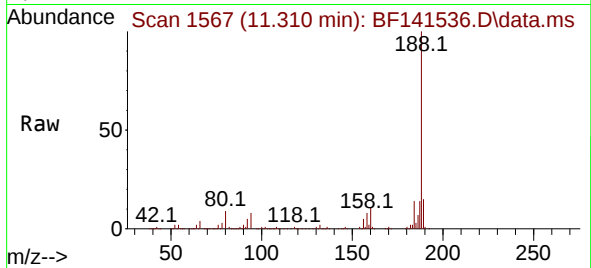




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141536.D
Acq: 10 Feb 2025 15:57

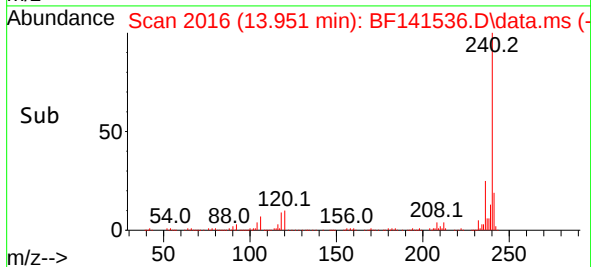
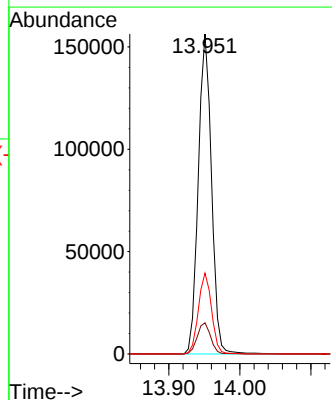
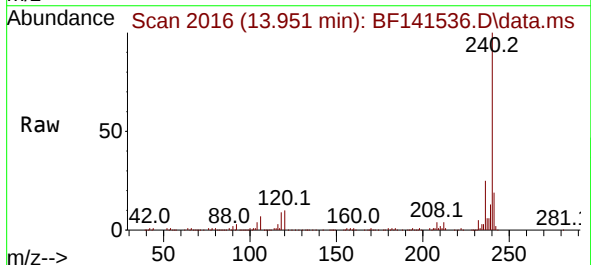
Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tgt Ion:188 Resp: 269181
Ion Ratio Lower Upper
188 100
94 8.1 6.6 10.0
80 8.6 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141536.D
Acq: 10 Feb 2025 15:57

Tgt Ion:240 Resp: 202540
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 25.3 19.8 29.8

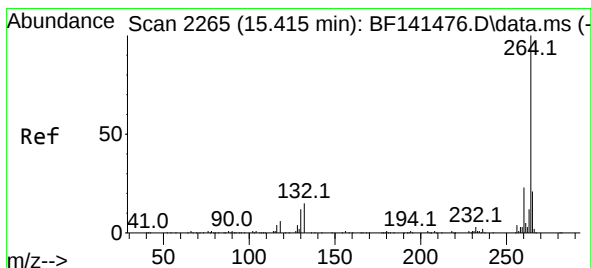
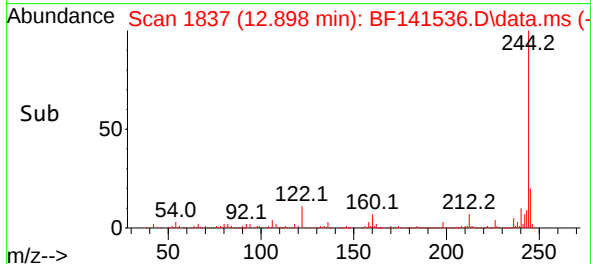
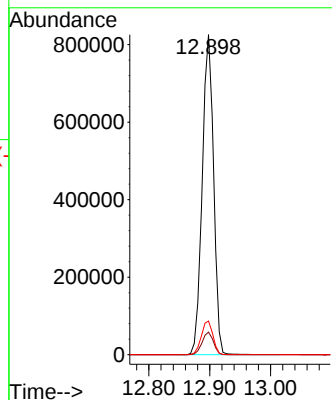
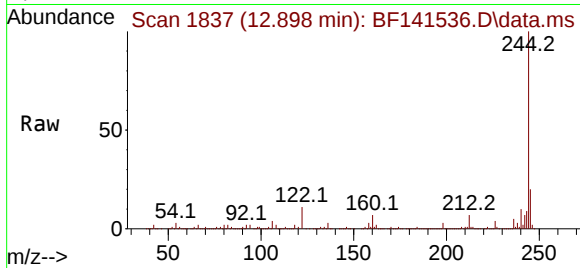




#79
 Terphenyl-d14
 Concen: 89.151 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141536.D
 Acq: 10 Feb 2025 15:57

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

Tgt Ion:244 Resp: 1069592
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.5 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.416 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF141536.D
 Acq: 10 Feb 2025 15:57

Tgt Ion:264 Resp: 146679
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.5 17.0 25.4

