

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141499.D
 Acq On : 07 Feb 2025 11:13
 Operator : RC/JU
 Sample : PB166567BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166567BL

Quant Time: Feb 07 11:47:19 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	87260	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	356234	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	200585	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	360982	20.000	ng	0.00
76) Chrysene-d12	13.951	240	310105	20.000	ng	-0.01
86) Perylene-d12	15.404	264	269507	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	715460	128.542	ng	0.00
7) Phenol-d6	6.428	99	895449	127.286	ng	-0.01
23) Nitrobenzene-d5	7.351	82	594642	87.065	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	260031	129.050	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1148925	88.246	ng	0.00
79) Terphenyl-d14	12.904	244	1457210	79.329	ng	0.00

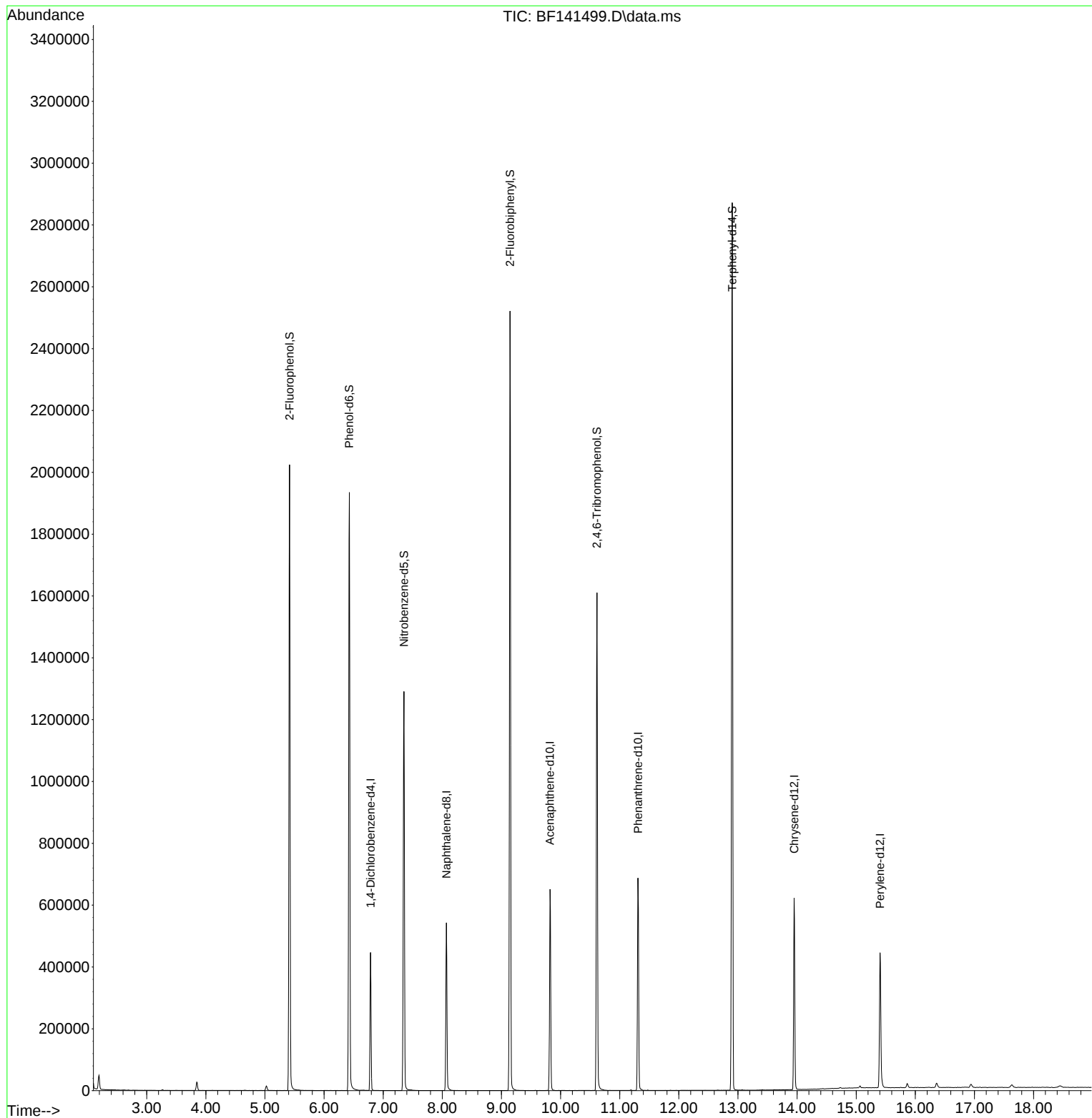
Target Compounds	Qvalue

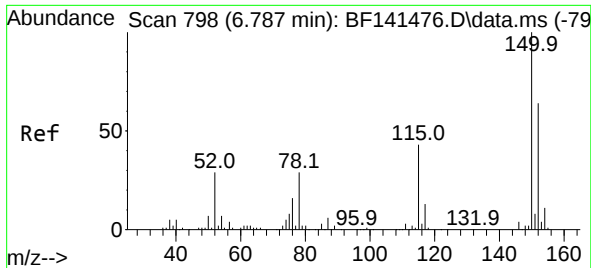
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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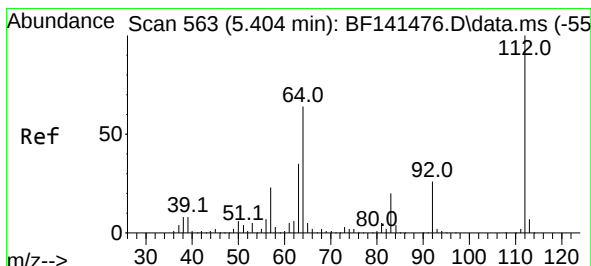
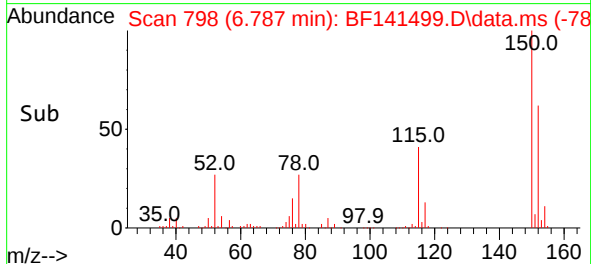
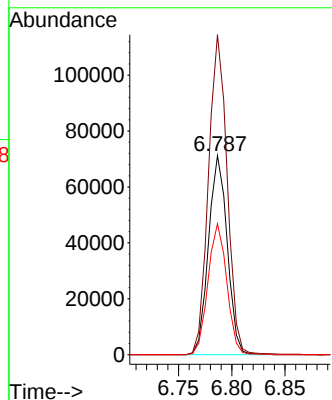
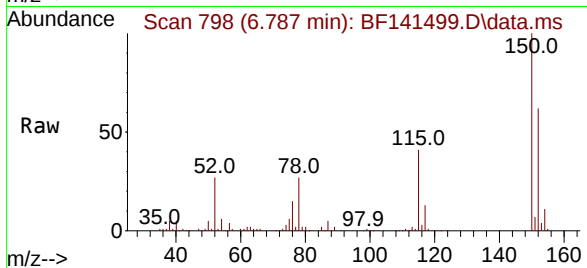




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141499.D
Acq: 07 Feb 2025 11:13

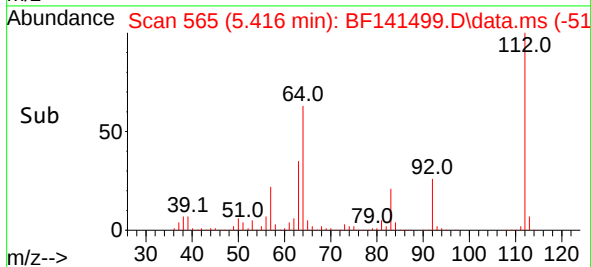
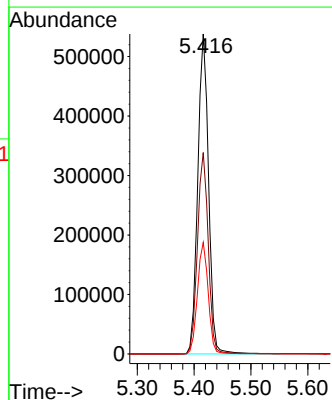
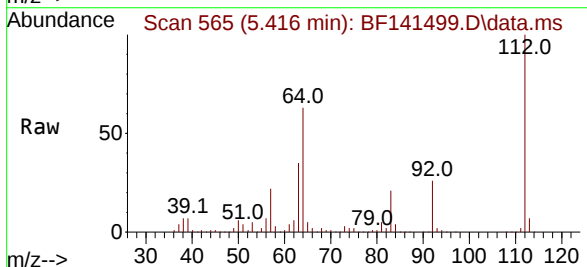
Instrument :
BNA_F
ClientSampleId :
PB166567BL

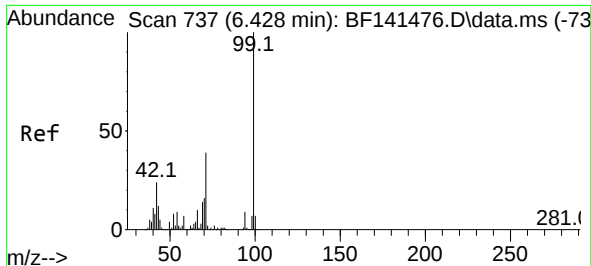
Tgt Ion:152 Resp: 87260
Ion Ratio Lower Upper
152 100
150 160.7 125.0 187.4
115 65.7 53.6 80.4



#5
2-Fluorophenol
Concen: 128.542 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141499.D
Acq: 07 Feb 2025 11:13

Tgt Ion:112 Resp: 715460
Ion Ratio Lower Upper
112 100
64 62.9 51.1 76.7
63 34.9 28.4 42.6

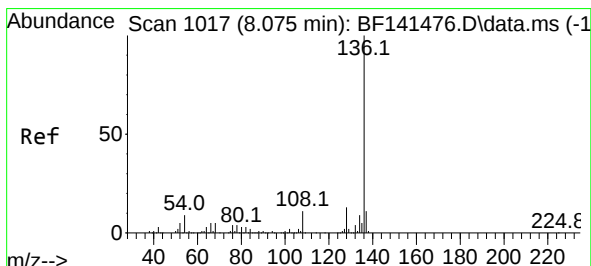
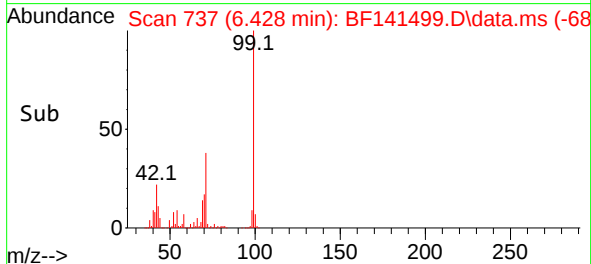
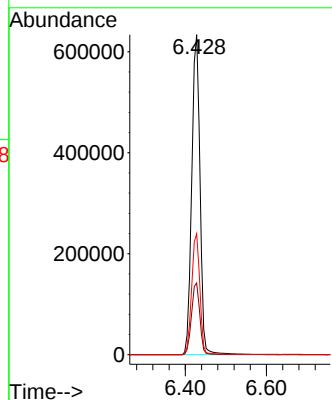
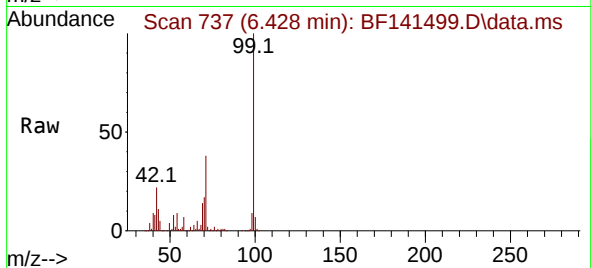




#7
Phenol-d6
Concen: 127.286 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141499.D
Acq: 07 Feb 2025 11:13

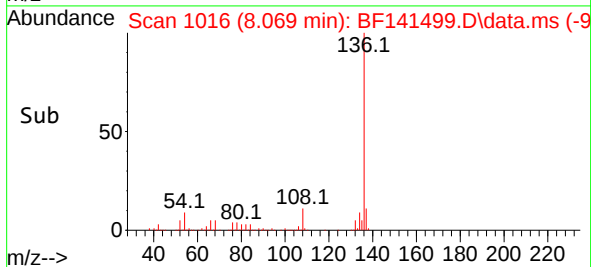
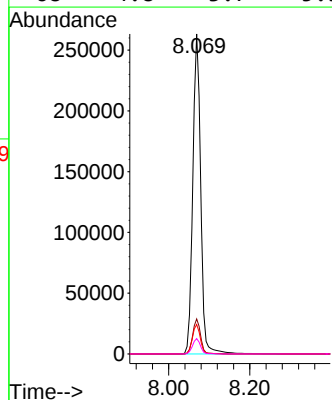
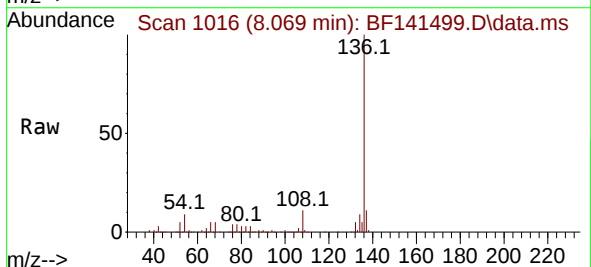
Instrument :
BNA_F
ClientSampleId :
PB166567BL

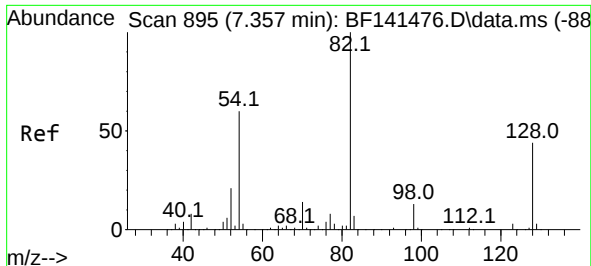
Tgt Ion: 99 Resp: 895449
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 37.8 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141499.D
Acq: 07 Feb 2025 11:13

Tgt Ion: 136 Resp: 356234
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.2 7.2 10.8
68 4.8 3.7 5.5

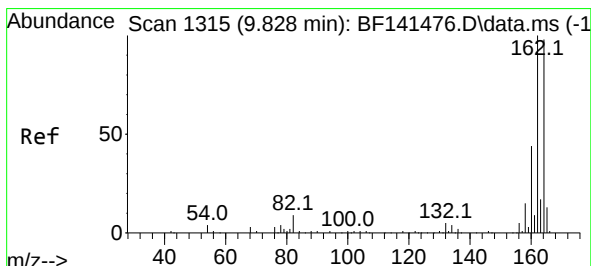
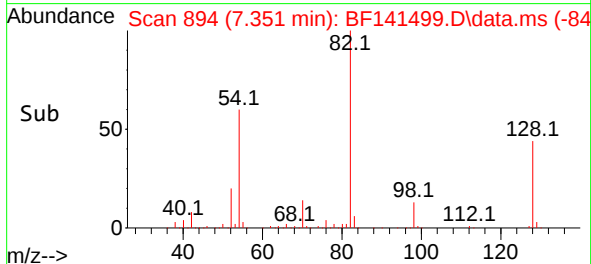
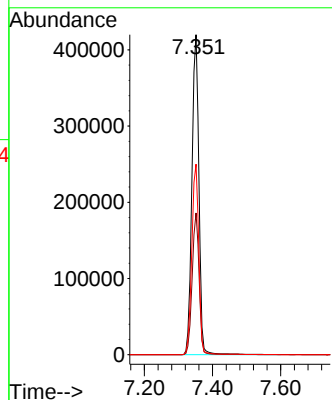
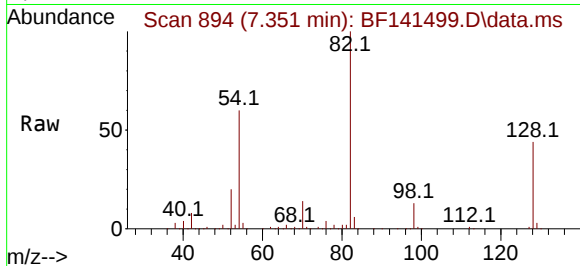




#23
Nitrobenzene-d5
Concen: 87.065 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141499.D
Acq: 07 Feb 2025 11:13

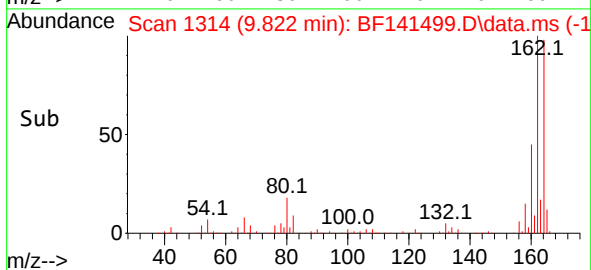
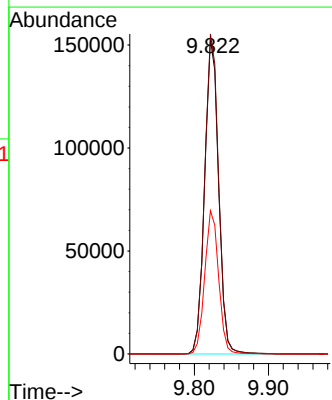
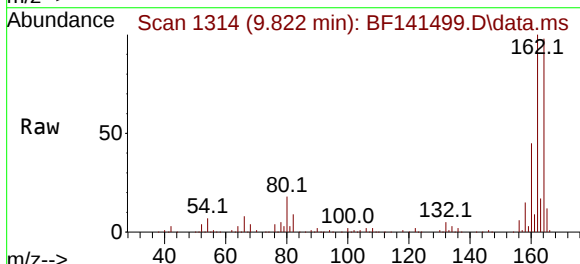
Instrument :
BNA_F
ClientSampleId :
PB166567BL

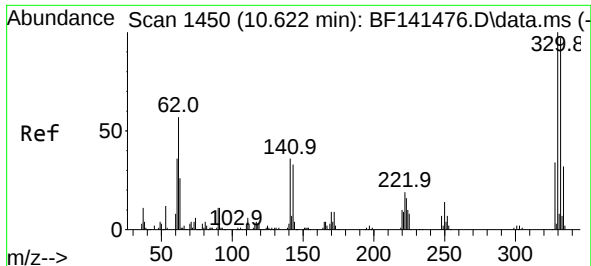
Tgt Ion: 82 Resp: 594642
Ion Ratio Lower Upper
82 100
128 44.3 34.8 52.2
54 59.5 48.2 72.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141499.D
Acq: 07 Feb 2025 11:13

Tgt Ion:164 Resp: 200585
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 45.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 129.050 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141499.D

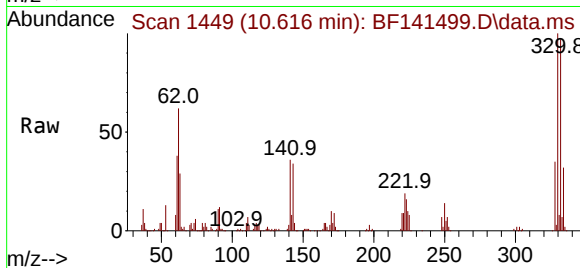
Acq: 07 Feb 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB166567BL



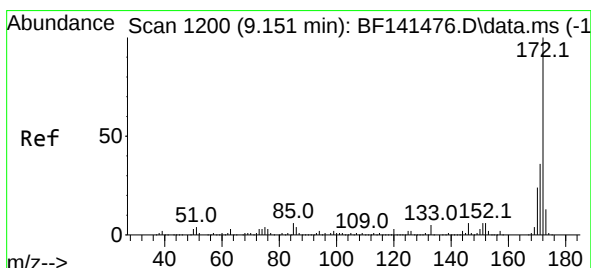
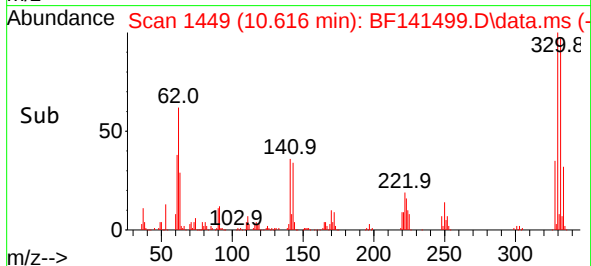
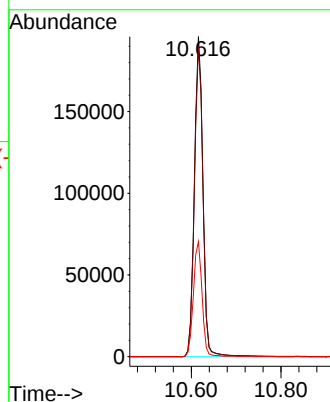
Tgt Ion:330 Resp: 260031

Ion Ratio Lower Upper

330 100

332 96.9 78.5 117.7

141 36.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 88.246 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141499.D

Acq: 07 Feb 2025 11:13

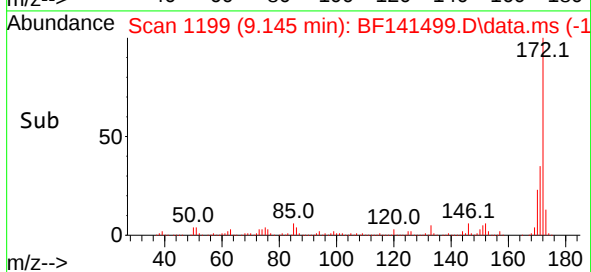
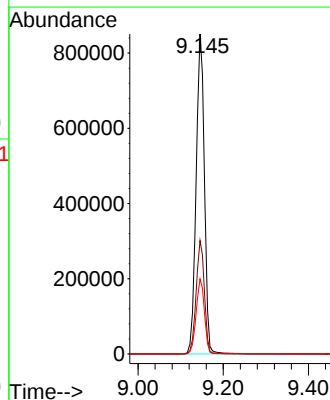
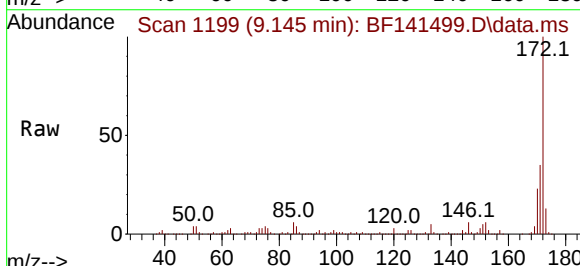
Tgt Ion:172 Resp: 1148925

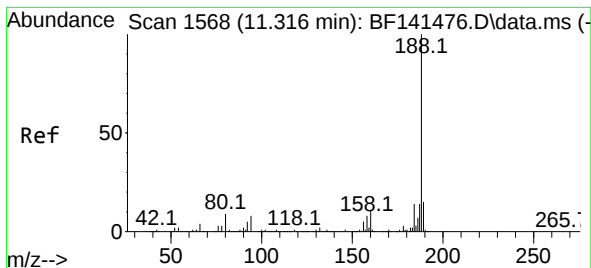
Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.4 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: BF141499.D

Acq: 07 Feb 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB166567BL

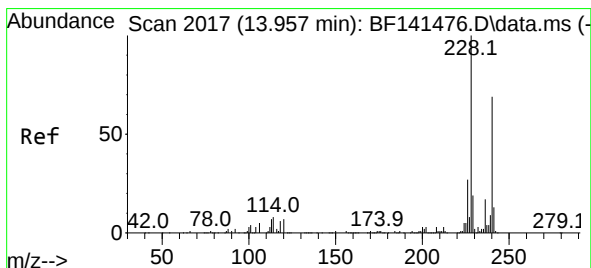
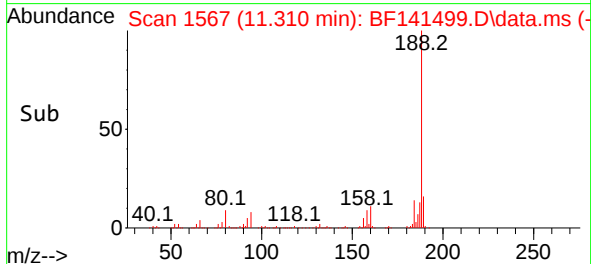
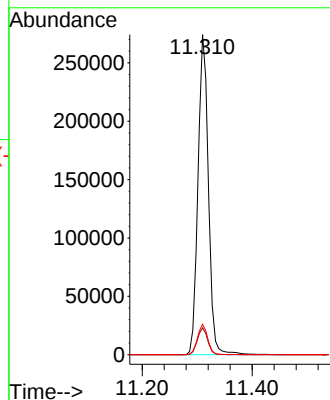
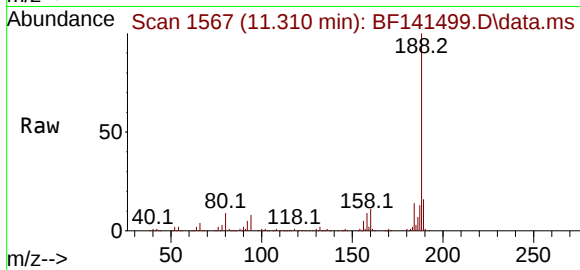
Tgt Ion:188 Resp: 360982

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 9.5 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: BF141499.D

Acq: 07 Feb 2025 11:13

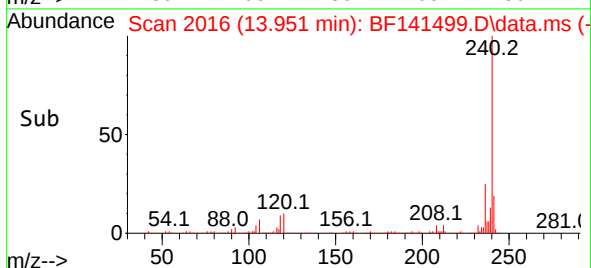
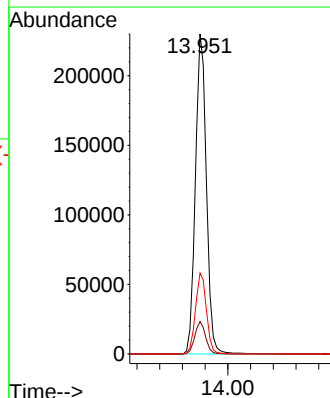
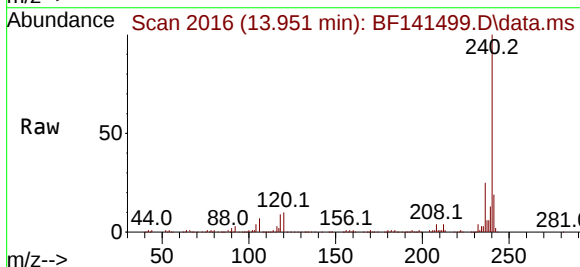
Tgt Ion:240 Resp: 310105

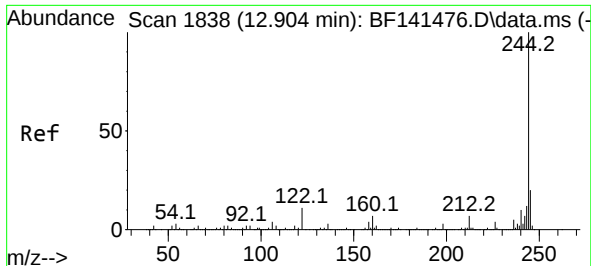
Ion Ratio Lower Upper

240 100

120 10.1 8.0 12.0

236 25.3 19.8 29.8

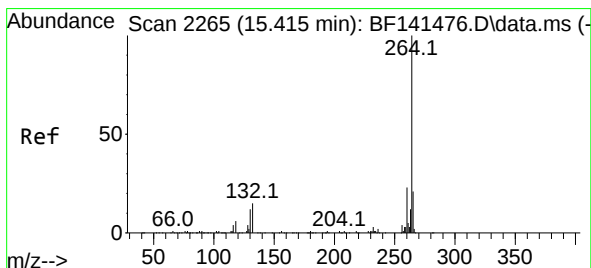
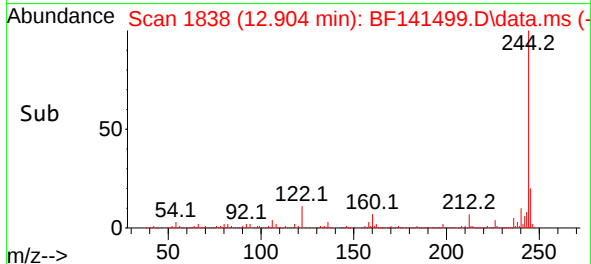
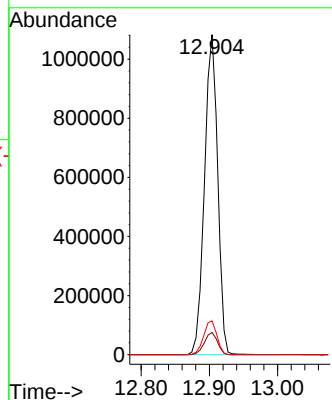
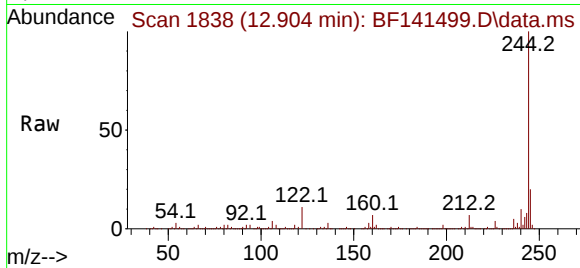




#79
 Terphenyl-d14
 Concen: 79.329 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF141499.D
 Acq: 07 Feb 2025 11:13

Instrument :
 BNA_F
 ClientSampleId :
 PB166567BL

Tgt Ion:244 Resp: 1457210
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.5 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2263
 Delta R.T. -0.012 min
 Lab File: BF141499.D
 Acq: 07 Feb 2025 11:13

Tgt Ion:264 Resp: 269507
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.1 17.0 25.4

