

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
 Data File : BF141778.D
 Acq On : 26 Feb 2025 12:56
 Operator : RC/JU
 Sample : PB166870BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166870BL

Quant Time: Feb 26 13:19:20 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	79623	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	323428	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	175903	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	313562	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	221568	20.000	ng	-0.02
86) Perylene-d12	15.392	264	172653	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	699238	137.677	ng	0.00
7) Phenol-d6	6.428	99	853735	132.997	ng	-0.01
23) Nitrobenzene-d5	7.345	82	552914	89.167	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	237817	134.586	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1100653	96.400	ng	-0.01
79) Terphenyl-d14	12.886	244	1310564	99.855	ng	-0.02

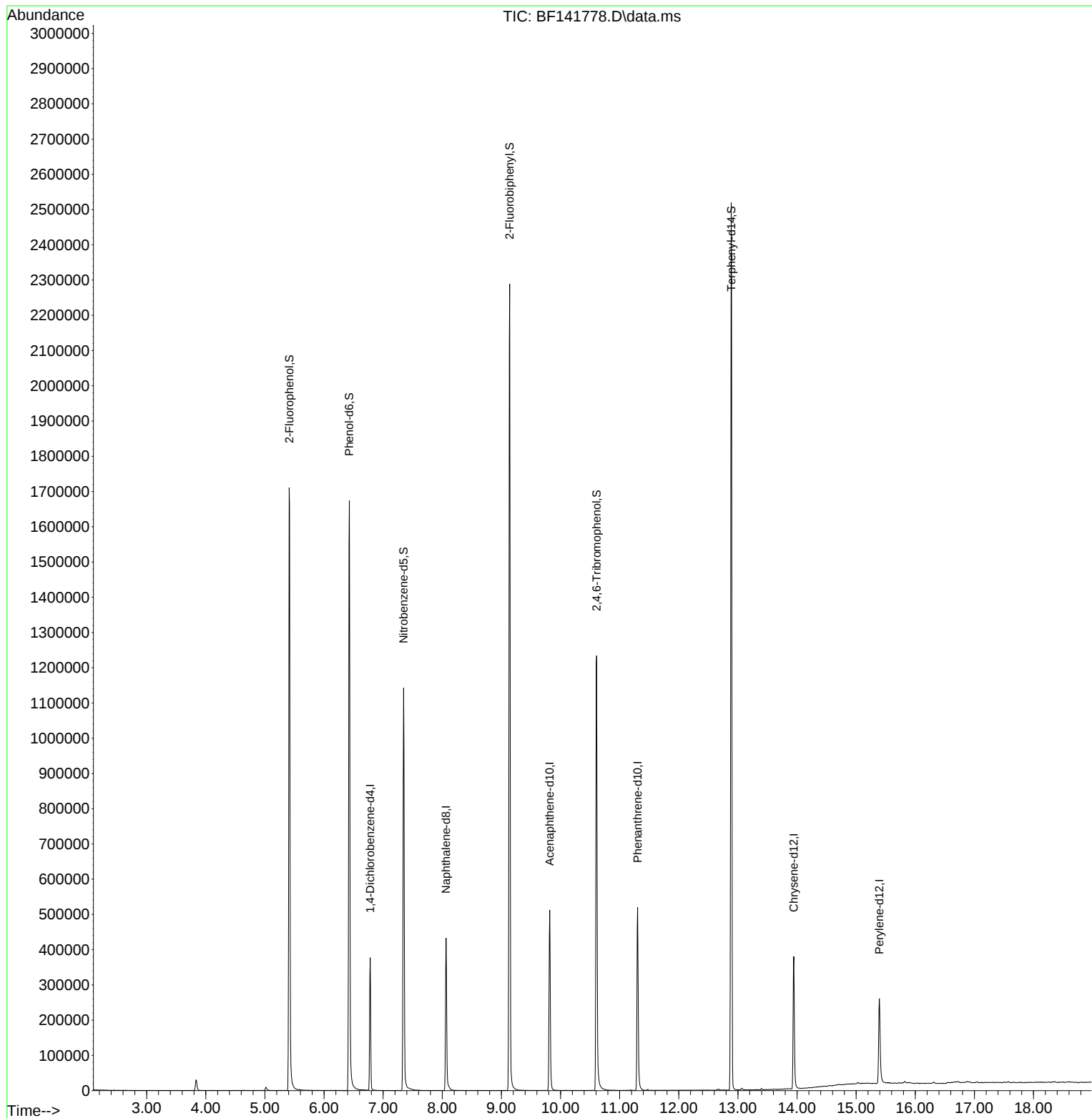
Target Compounds	Qvalue

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

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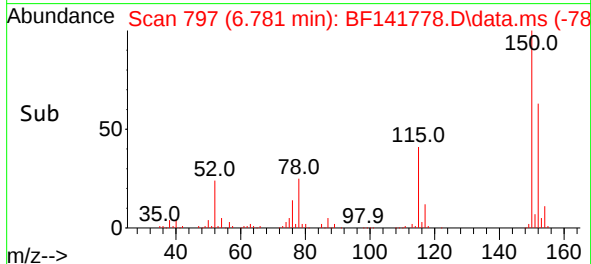
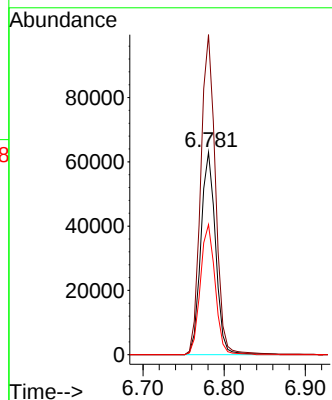
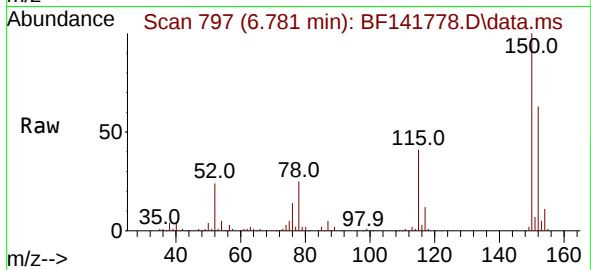




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

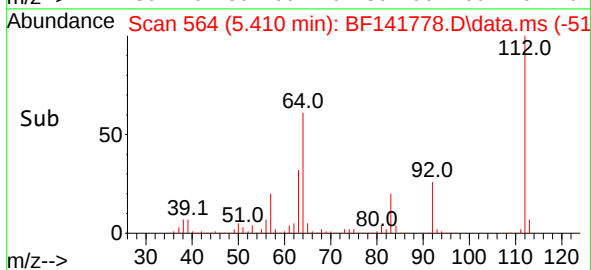
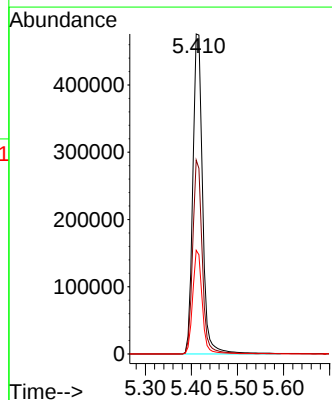
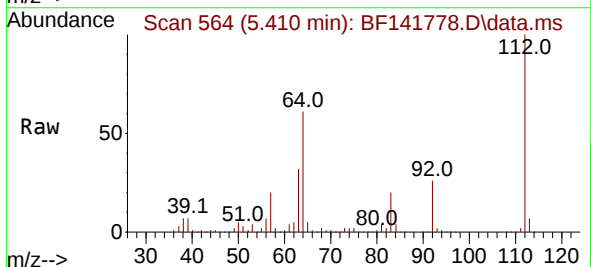
Instrument :
BNA_F
ClientSampleId :
PB166870BL

Tgt Ion:152 Resp: 79623
Ion Ratio Lower Upper
152 100
150 158.1 125.0 187.4
115 64.3 53.6 80.4



#5
2-Fluorophenol
Concen: 137.677 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

Tgt Ion:112 Resp: 699238
Ion Ratio Lower Upper
112 100
64 60.6 51.1 76.7
63 32.4 28.4 42.6

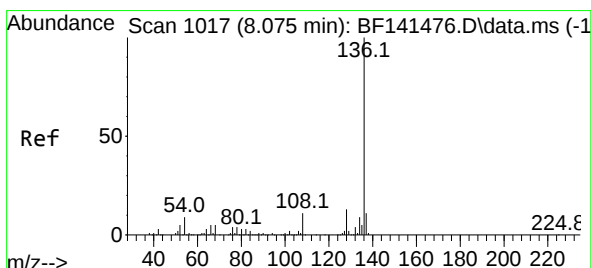
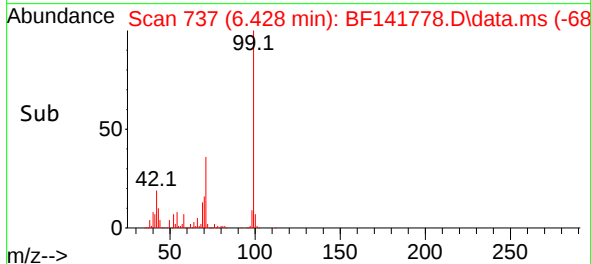
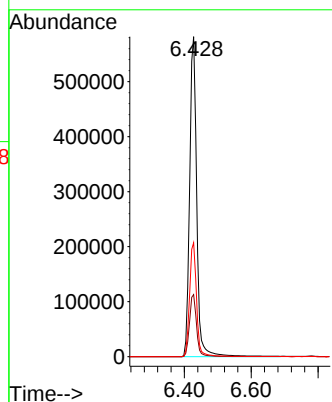
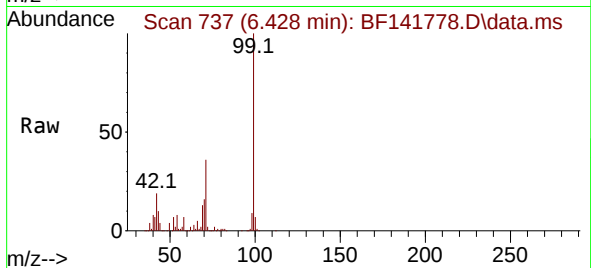




#7
Phenol-d6
Concen: 132.997 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

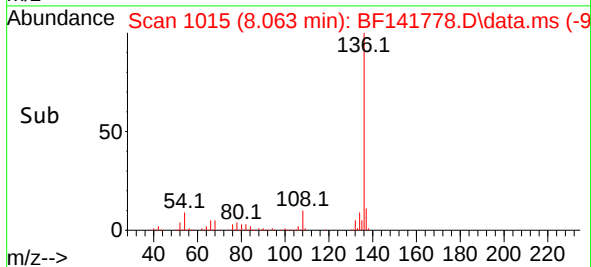
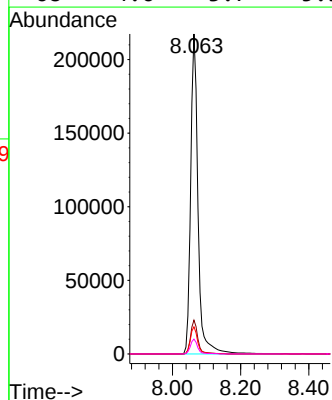
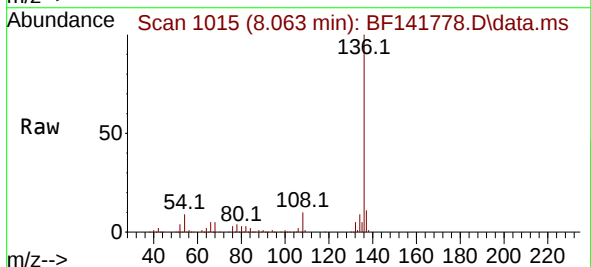
Instrument :
BNA_F
ClientSampleId :
PB166870BL

Tgt Ion: 99 Resp: 853735
Ion Ratio Lower Upper
99 100
42 19.4 19.1 28.7
71 35.6 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: BF141778.D
Acq: 26 Feb 2025 12:56

Tgt Ion: 136 Resp: 323428
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.5 7.2 10.8
68 4.6 3.7 5.5

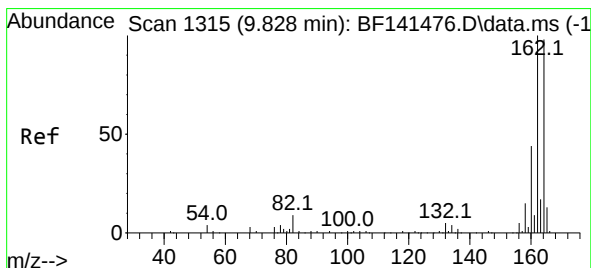
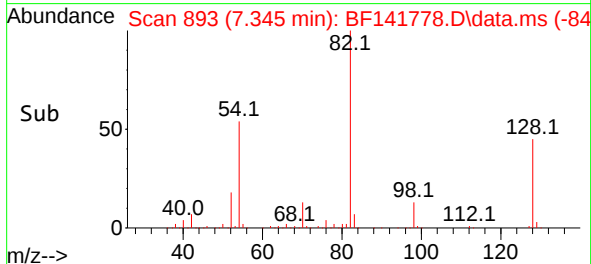
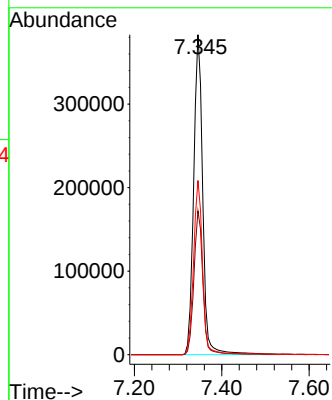
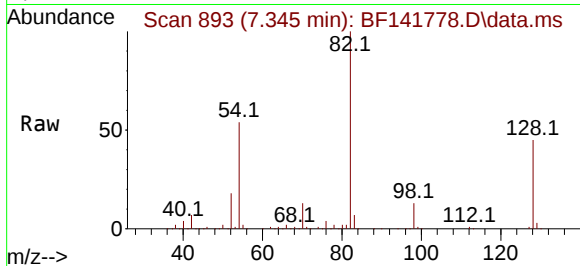




#23
Nitrobenzene-d5
Concen: 89.167 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.017 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

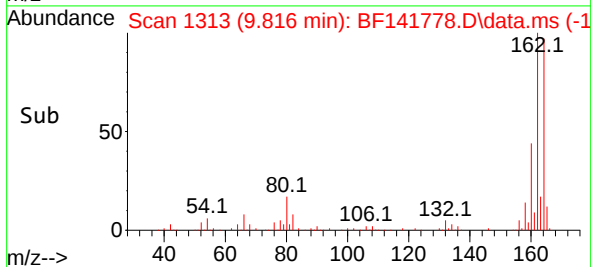
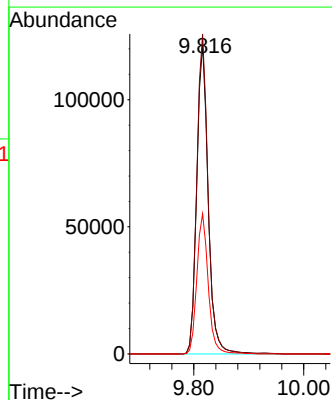
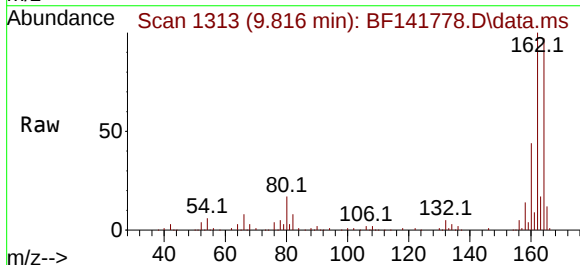
Instrument :
BNA_F
ClientSampleId :
PB166870BL

Tgt Ion: 82 Resp: 552914
Ion Ratio Lower Upper
82 100
128 45.0 34.8 52.2
54 54.5 48.2 72.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1313
Delta R.T. -0.017 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

Tgt Ion:164 Resp: 175903
Ion Ratio Lower Upper
164 100
162 103.4 81.3 121.9
160 45.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 134.586 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.017 min

Lab File: BF141778.D

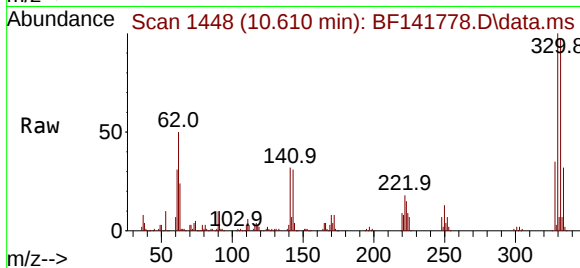
Acq: 26 Feb 2025 12:56

Instrument :

BNA_F

ClientSampleId :

PB166870BL



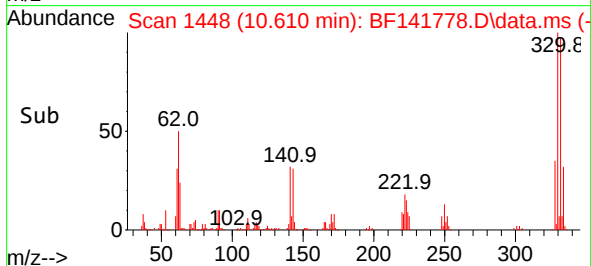
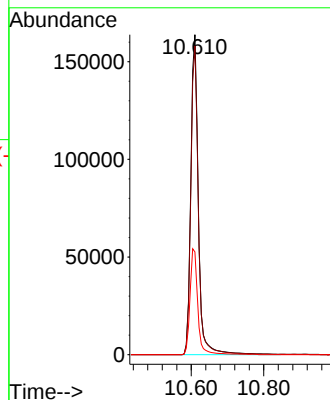
Tgt Ion:330 Resp: 237817

Ion Ratio Lower Upper

330 100

332 96.2 78.5 117.7

141 34.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 96.400 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141778.D

Acq: 26 Feb 2025 12:56

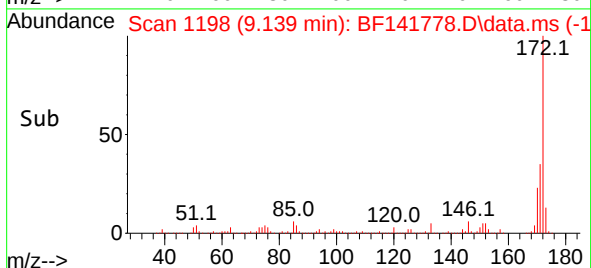
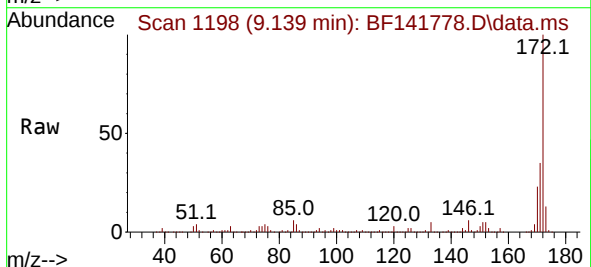
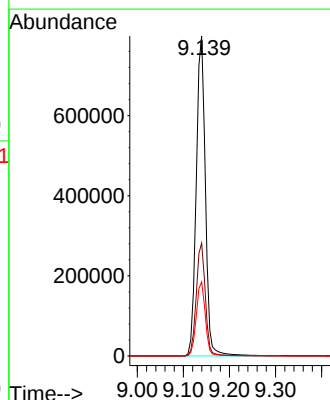
Tgt Ion:172 Resp: 1100653

Ion Ratio Lower Upper

172 100

171 35.3 28.7 43.1

170 23.2 18.9 28.3

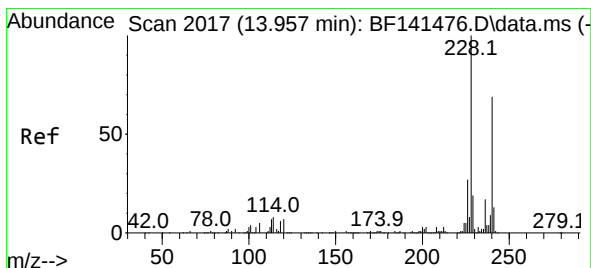
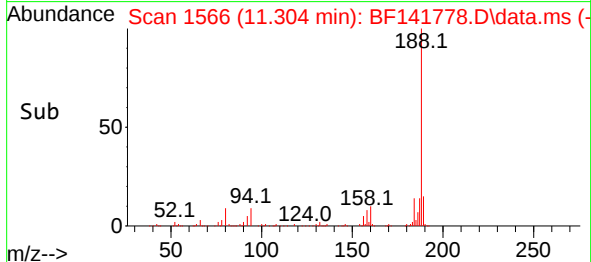
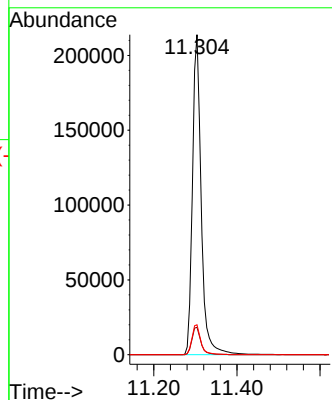
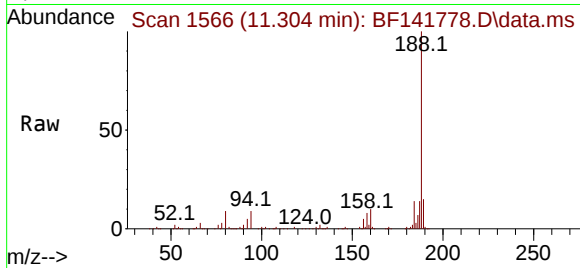




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

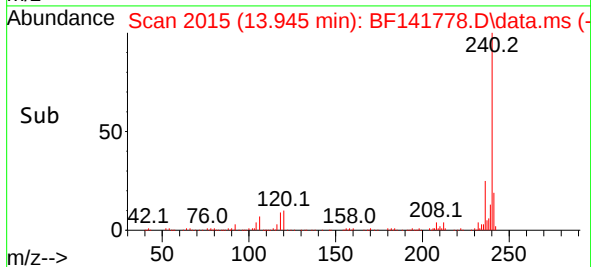
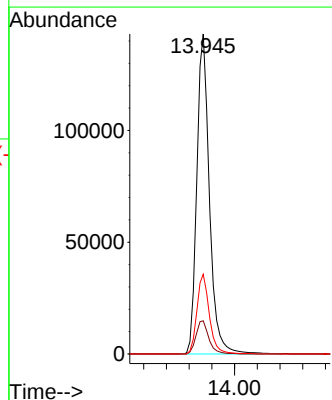
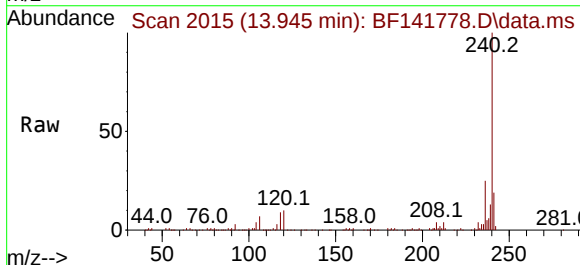
Instrument :
BNA_F
ClientSampleId :
PB166870BL

Tgt Ion:188 Resp: 313562
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.3 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

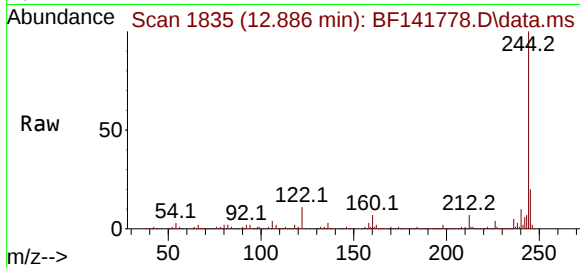
Tgt Ion:240 Resp: 221568
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 24.9 19.8 29.8



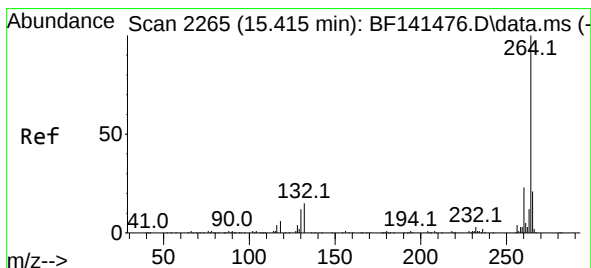
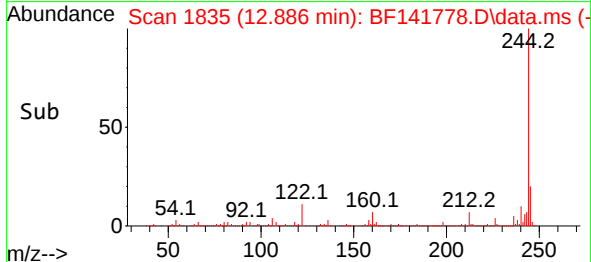
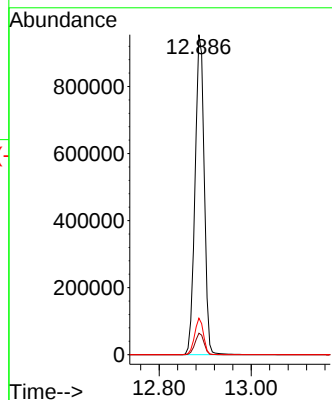


#79
 Terphenyl-d14
 Concen: 99.855 ng
 RT: 12.886 min Scan# 1835
 Delta R.T. -0.017 min
 Lab File: BF141778.D
 Acq: 26 Feb 2025 12:56

Instrument :
 BNA_F
 ClientSampleId :
 PB166870BL



Tgt Ion:244 Resp: 1310564
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.4 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2261
 Delta R.T. -0.023 min
 Lab File: BF141778.D
 Acq: 26 Feb 2025 12:56

Tgt Ion:264 Resp: 172653
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 20.9 17.0 25.4

