

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
 Data File : BF141771.D
 Acq On : 25 Feb 2025 18:34
 Operator : RC/JU
 Sample : Q1420-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-WC

Quant Time: Feb 26 00:08:43 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	51224	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	181820	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	87667	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	148925	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	157038	20.000	ng	-0.02
86) Perylene-d12	15.386	264	151718	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	323971	99.153	ng	0.00
7) Phenol-d6	6.422	99	384323	93.063	ng	-0.02
23) Nitrobenzene-d5	7.345	82	247313	70.946	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	82787	94.006	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	429719	75.518	ng	-0.02
79) Terphenyl-d14	12.880	244	516841	55.561	ng	-0.02

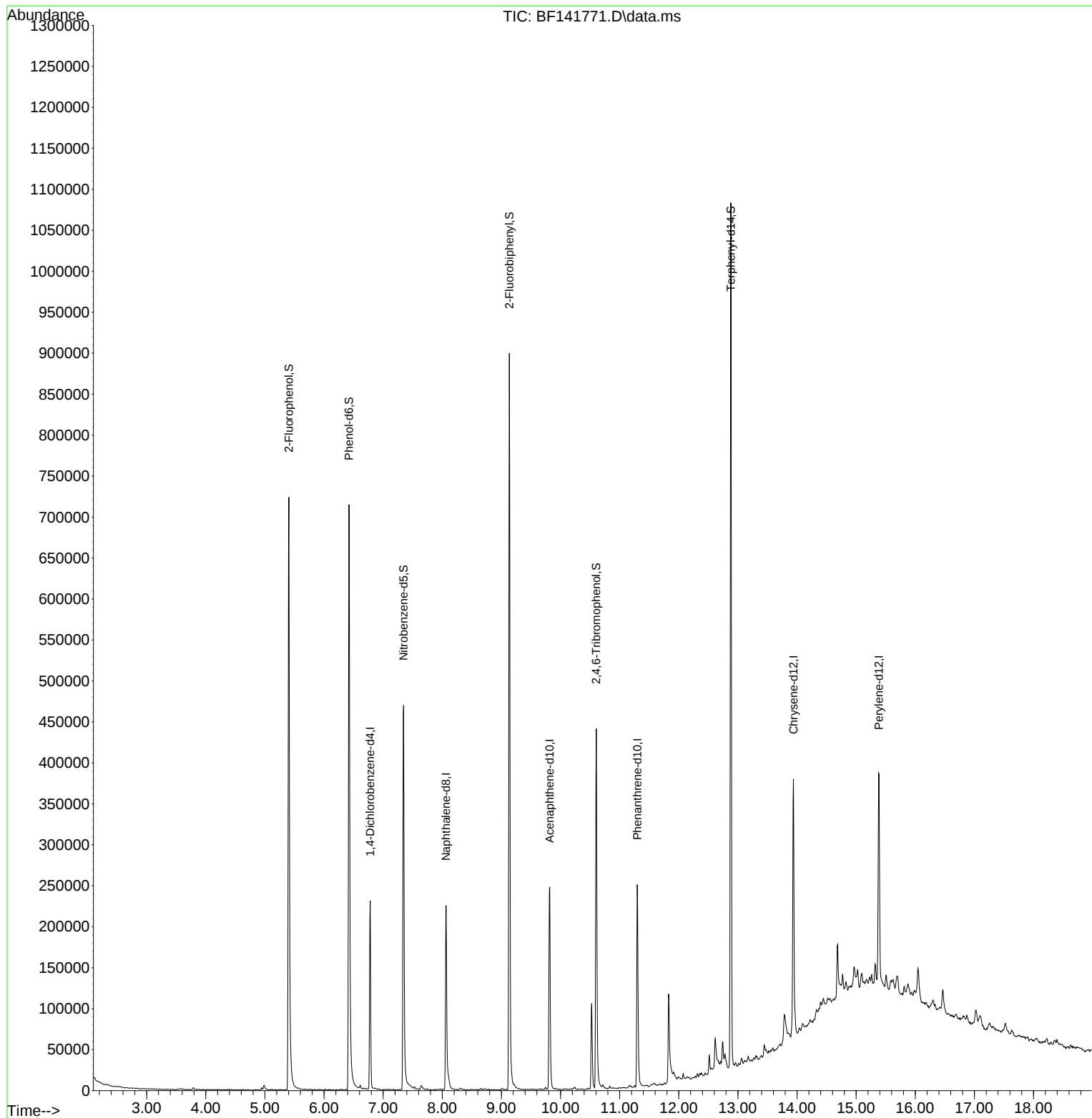
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141771.D
Acq On : 25 Feb 2025 18:34
Operator : RC/JU
Sample : Q1420-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-WC

Quant Time: Feb 26 00:08:43 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

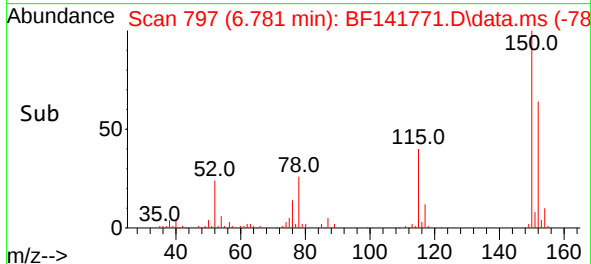
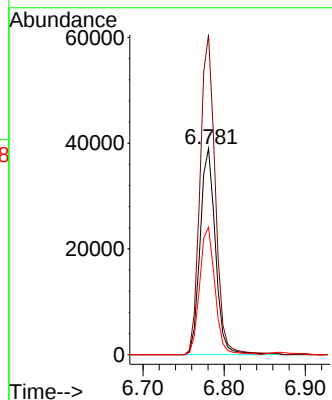
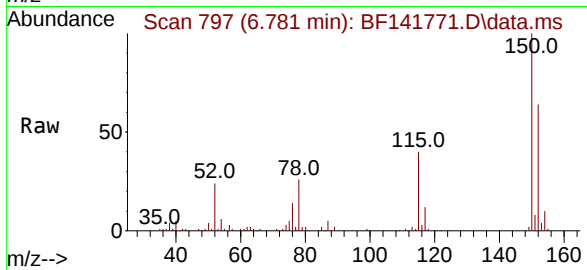




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141771.D
 Acq: 25 Feb 2025 18:34

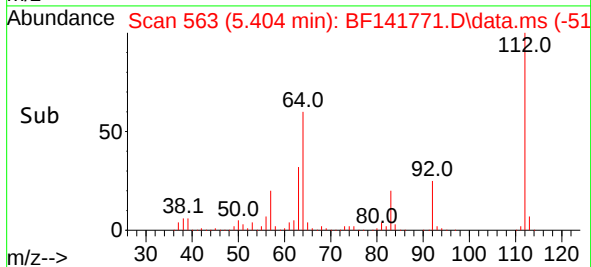
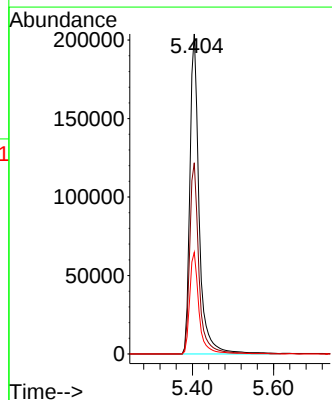
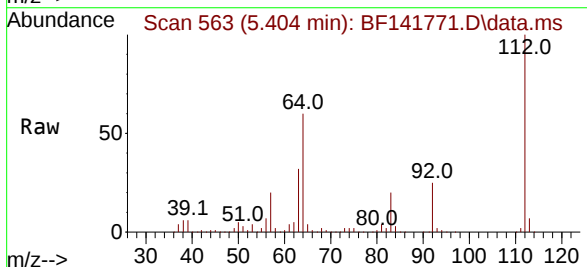
Instrument :
 BNA_F
 ClientSampleId :
 TP-2-WC

Tgt Ion:152 Resp: 51224
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.0 187.4
 115 61.9 53.6 80.4



#5
 2-Fluorophenol
 Concen: 99.153 ng
 RT: 5.404 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: BF141771.D
 Acq: 25 Feb 2025 18:34

Tgt Ion:112 Resp: 323971
 Ion Ratio Lower Upper
 112 100
 64 59.8 51.1 76.7
 63 31.7 28.4 42.6

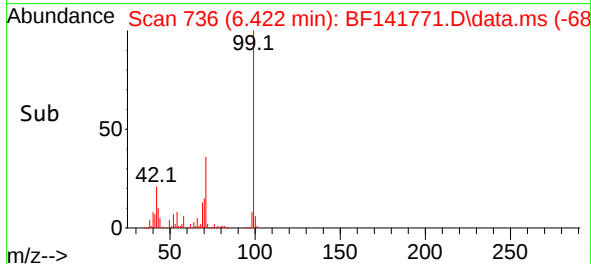
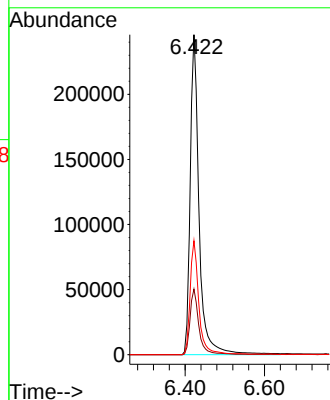
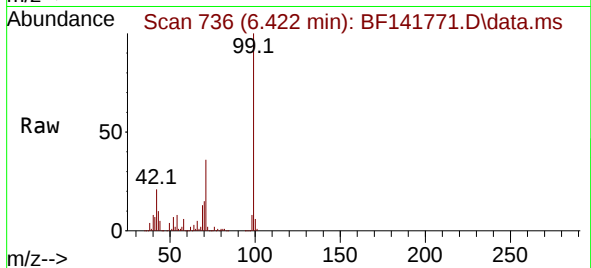




#7
Phenol-d6
Concen: 93.063 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141771.D
Acq: 25 Feb 2025 18:34

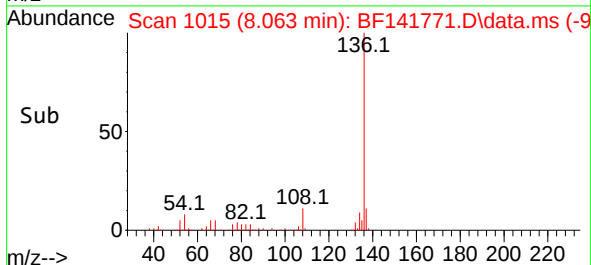
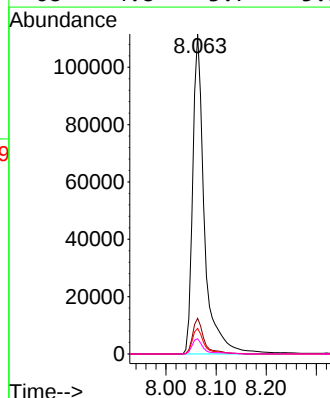
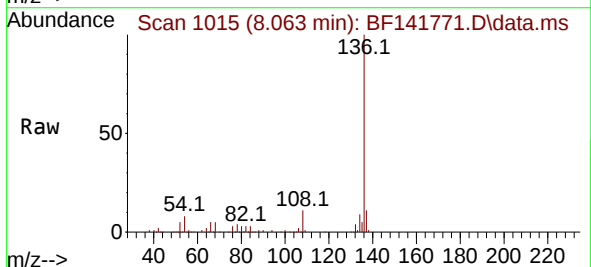
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

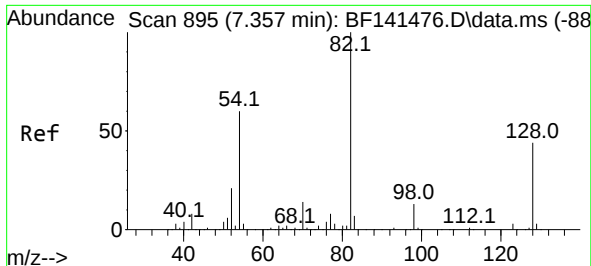
Tgt Ion: 99 Resp: 384323
Ion Ratio Lower Upper
99 100
42 20.5 19.1 28.7
71 35.6 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141771.D
Acq: 25 Feb 2025 18:34

Tgt Ion: 136 Resp: 181820
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.0 7.2 10.8
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 70.946 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF141771.D

Acq: 25 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

TP-2-WC

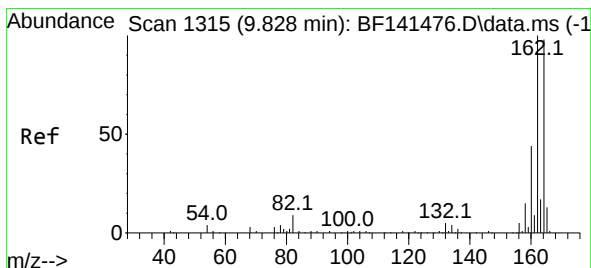
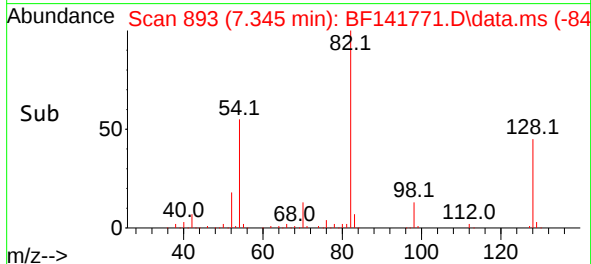
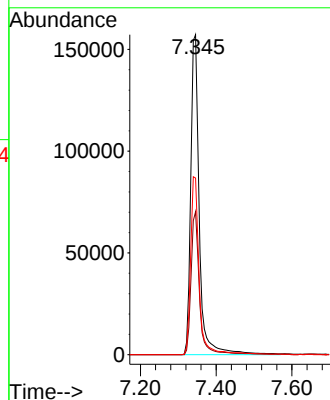
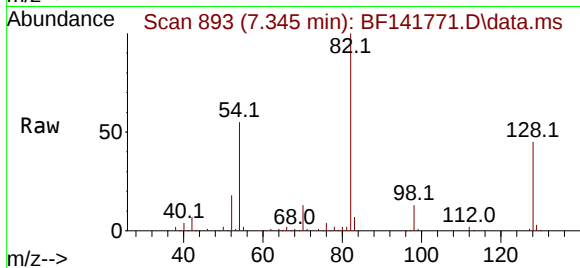
Tgt Ion: 82 Resp: 247313

Ion Ratio Lower Upper

82 100

128 44.6 34.8 52.2

54 55.2 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: BF141771.D

Acq: 25 Feb 2025 18:34

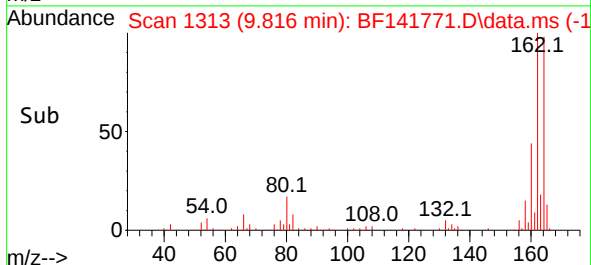
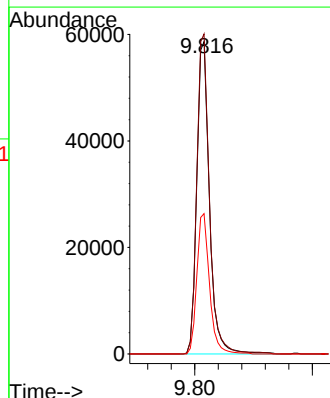
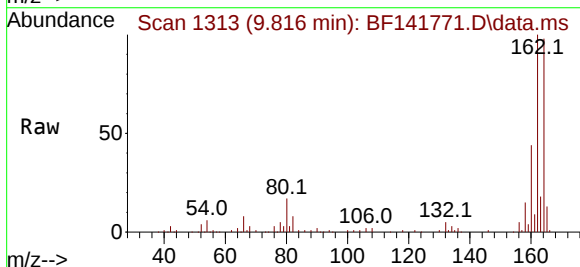
Tgt Ion:164 Resp: 87667

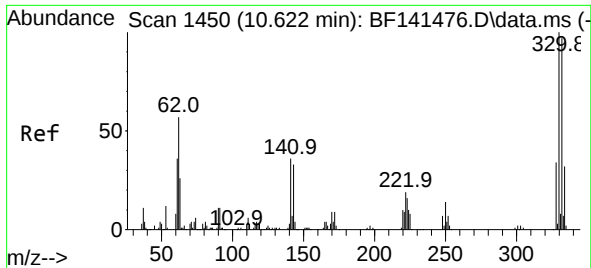
Ion Ratio Lower Upper

164 100

162 102.5 81.3 121.9

160 44.9 35.9 53.9

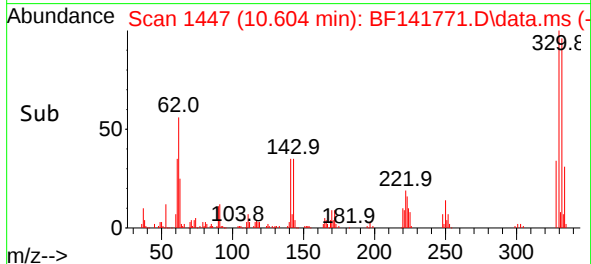
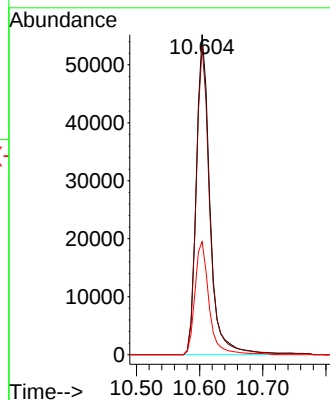
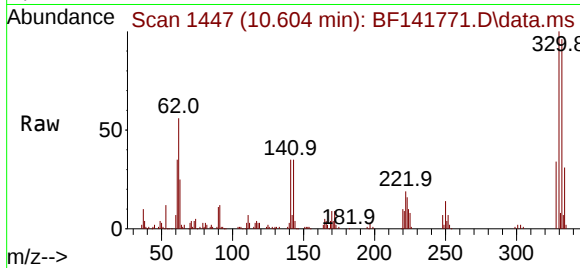




#42
2,4,6-Tribromophenol
Concen: 94.006 ng
RT: 10.604 min Scan# 1450
Delta R.T. -0.023 min
Lab File: BF141771.D
Acq: 25 Feb 2025 18:34

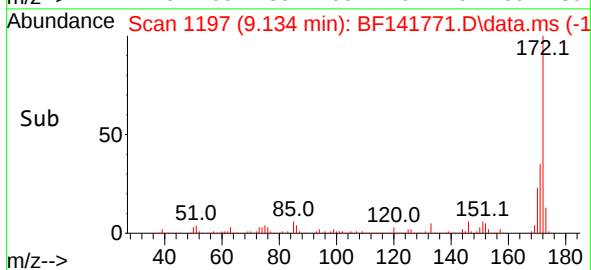
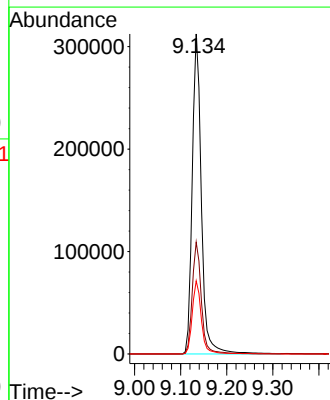
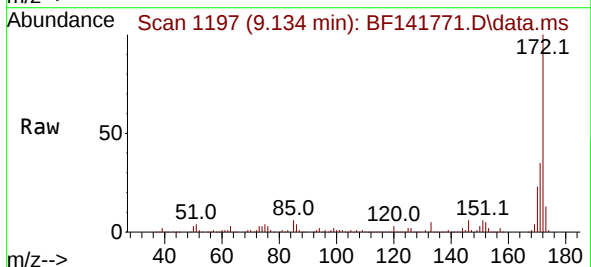
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

Tgt Ion: 330 Resp: 82787
Ion Ratio Lower Upper
330 100
332 96.8 78.5 117.7
141 36.7 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 75.518 ng
RT: 9.134 min Scan# 1197
Delta R.T. -0.017 min
Lab File: BF141771.D
Acq: 25 Feb 2025 18:34

Tgt Ion: 172 Resp: 429719
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 22.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141771.D

Acq: 25 Feb 2025 18:34

Instrument :

BNA_F

ClientSampleId :

TP-2-WC

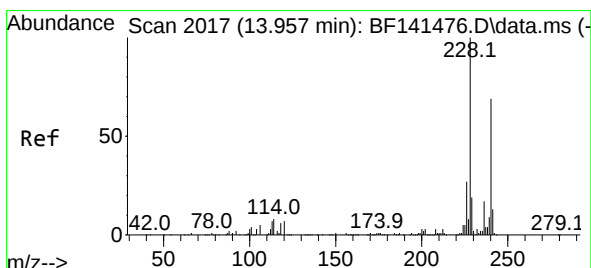
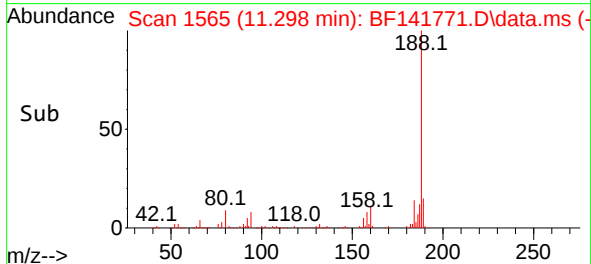
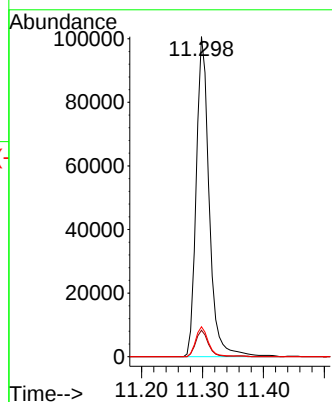
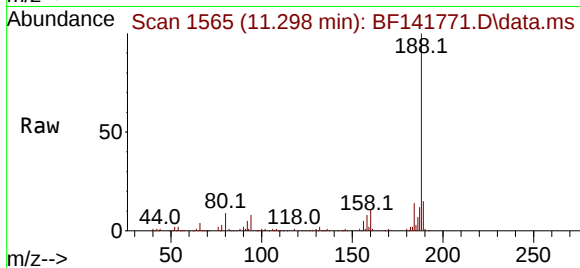
Tgt Ion:188 Resp: 148925

Ion Ratio Lower Upper

188 100

94 8.2 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: BF141771.D

Acq: 25 Feb 2025 18:34

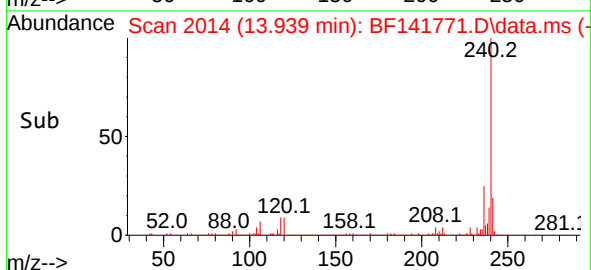
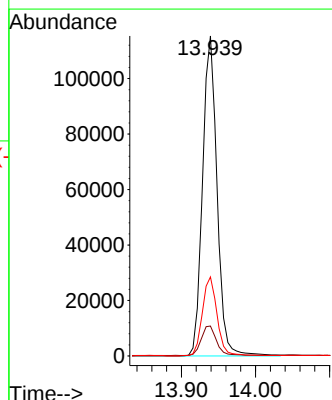
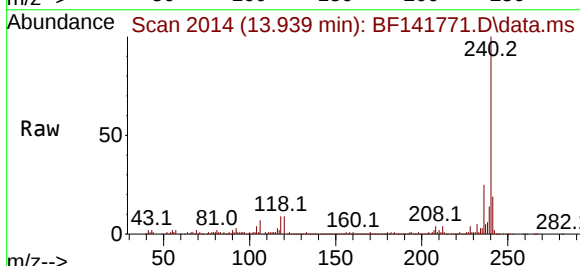
Tgt Ion:240 Resp: 157038

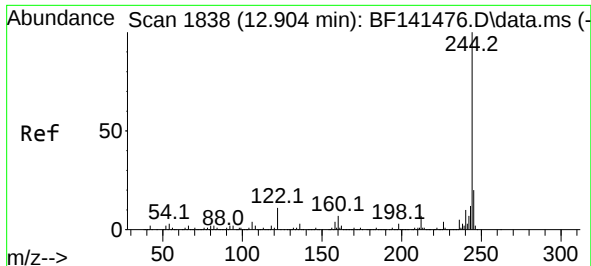
Ion Ratio Lower Upper

240 100

120 9.4 8.0 12.0

236 24.7 19.8 29.8

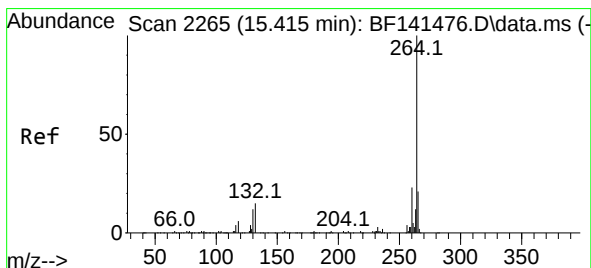
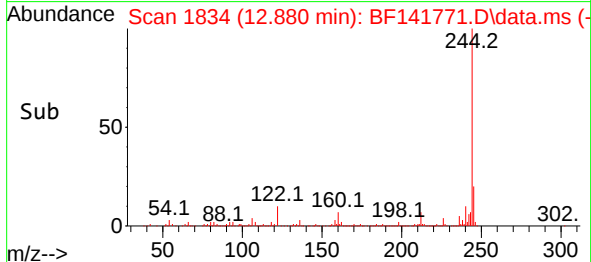
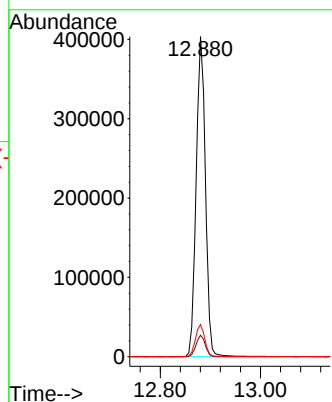
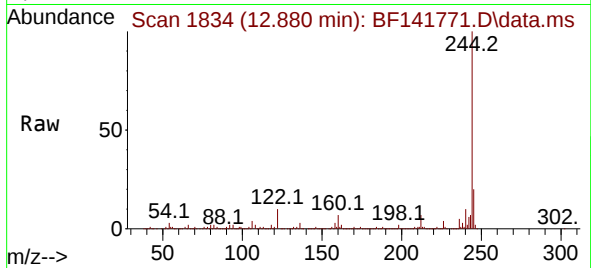




#79
 Terphenyl-d14
 Concen: 55.561 ng
 RT: 12.880 min Scan# 1834
 Delta R.T. -0.023 min
 Lab File: BF141771.D
 Acq: 25 Feb 2025 18:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-WC

Tgt Ion:244 Resp: 516841
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.0 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: BF141771.D
 Acq: 25 Feb 2025 18:34

Tgt Ion:264 Resp: 151718
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.3 17.0 25.4

