

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
 Data File : BF141710.D
 Acq On : 21 Feb 2025 10:15
 Operator : RC/JU
 Sample : PB166801BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166801BL

Quant Time: Feb 21 11:09:12 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	100307	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	398058	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	208634	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	354240	20.000	ng	-0.02
76) Chrysene-d12	13.933	240	229001	20.000	ng	-0.03
86) Perylene-d12	15.380	264	177593	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	811156	126.779	ng	0.00
7) Phenol-d6	6.422	99	993526	122.858	ng	-0.02
23) Nitrobenzene-d5	7.345	82	658057	86.226	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	250465	119.507	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	1232193	90.990	ng	-0.02
79) Terphenyl-d14	12.886	244	1289401	95.053	ng	-0.02

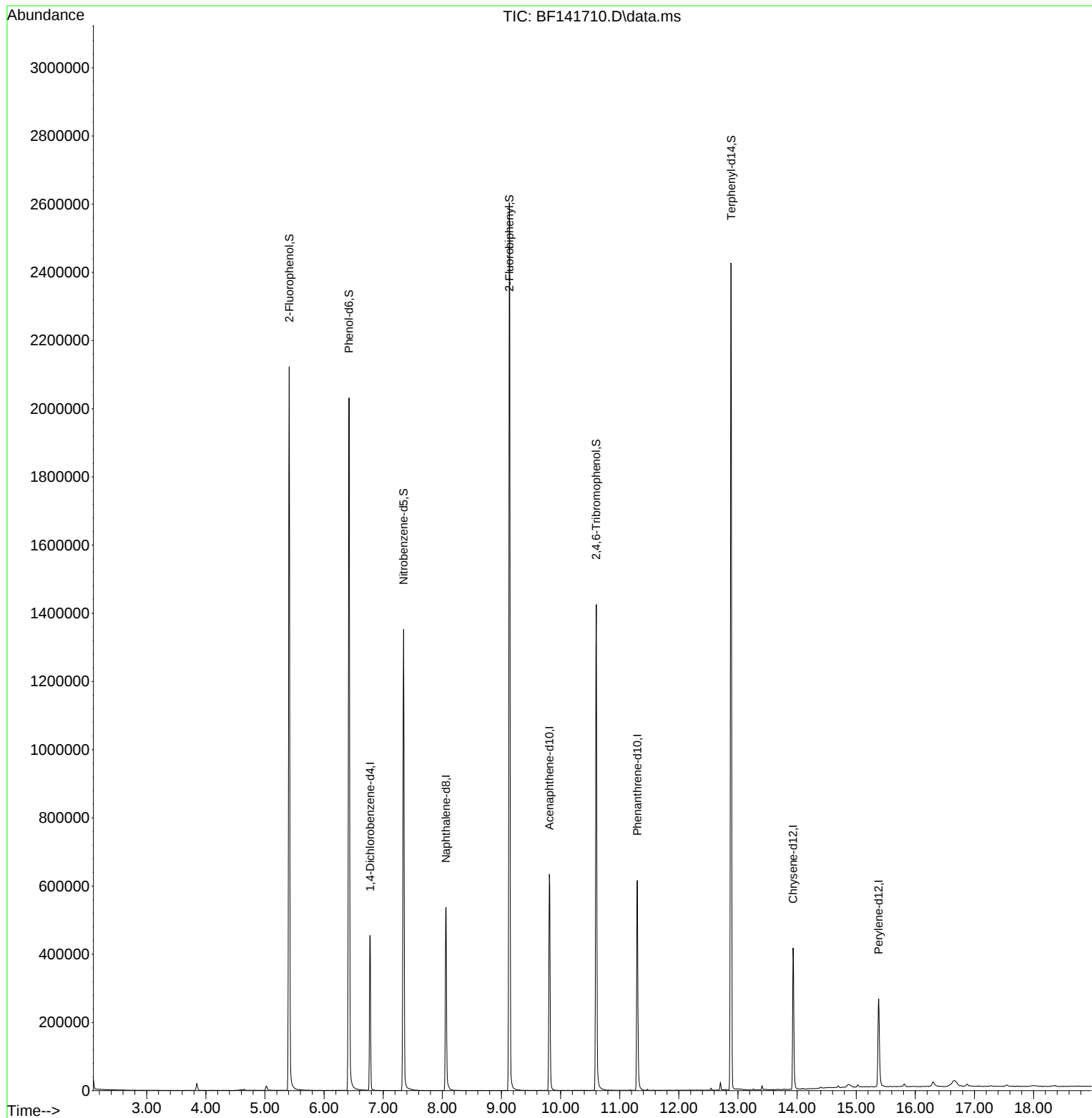
Target Compounds	Qvalue

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

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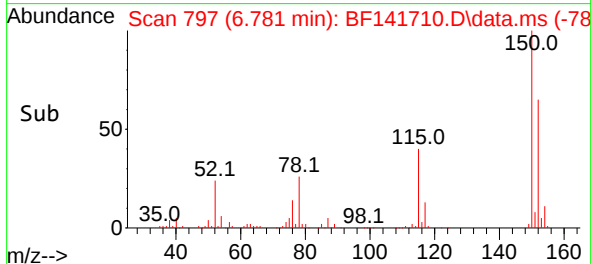
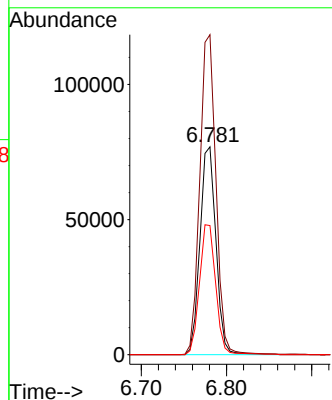
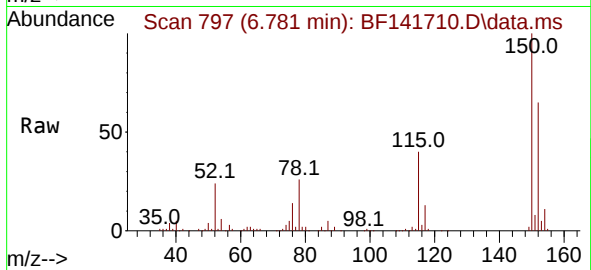




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141710.D
Acq: 21 Feb 2025 10:15

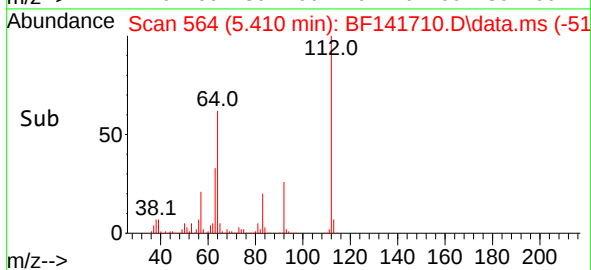
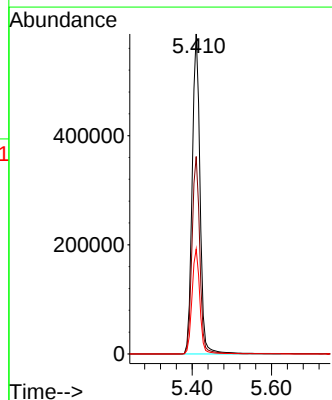
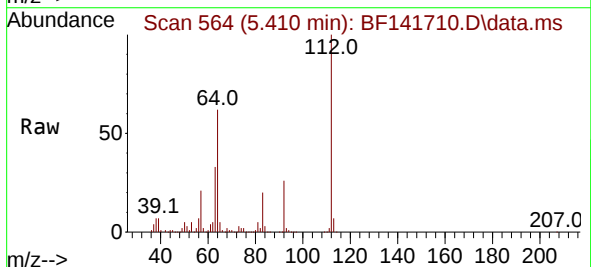
Instrument :
BNA_F
ClientSampleId :
PB166801BL

Tgt Ion:152 Resp: 100307
Ion Ratio Lower Upper
152 100
150 154.0 125.0 187.4
115 62.1 53.6 80.4



#5
2-Fluorophenol
Concen: 126.779 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141710.D
Acq: 21 Feb 2025 10:15

Tgt Ion:112 Resp: 811156
Ion Ratio Lower Upper
112 100
64 61.7 51.1 76.7
63 32.8 28.4 42.6

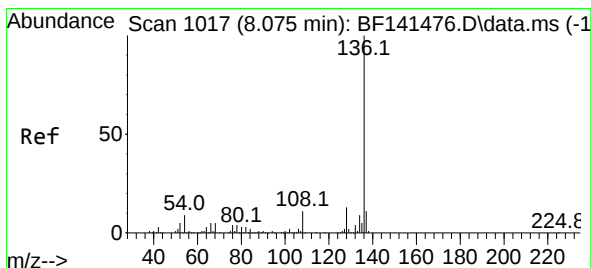
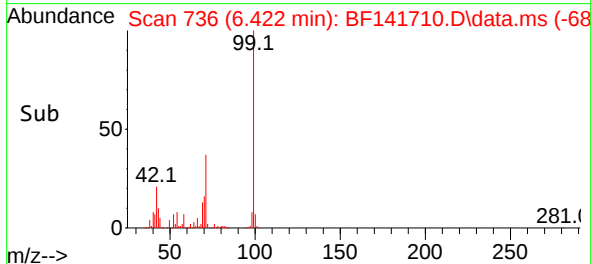
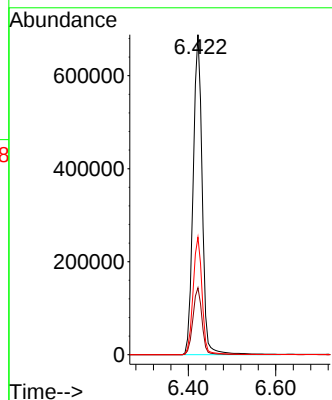
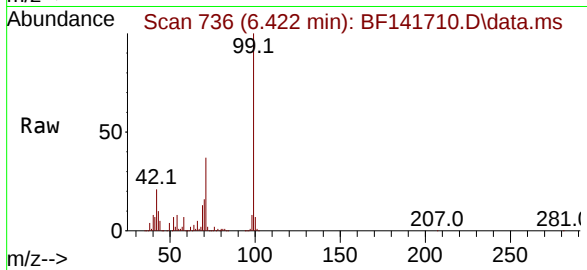




#7
Phenol-d6
Concen: 122.858 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141710.D
Acq: 21 Feb 2025 10:15

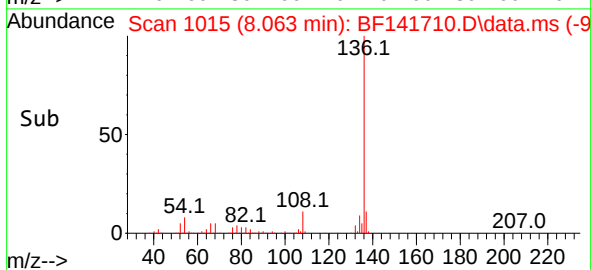
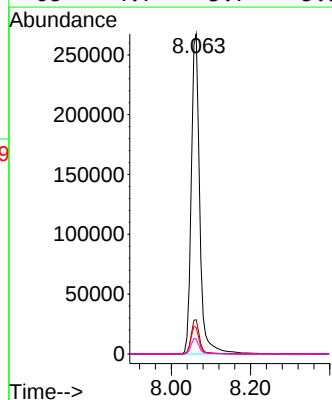
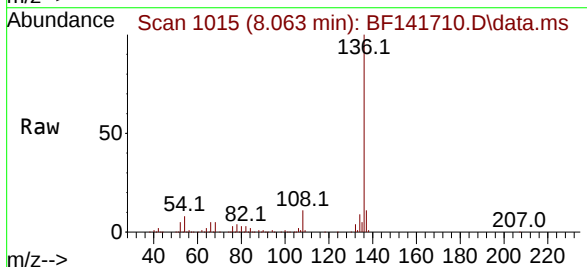
Instrument :
BNA_F
ClientSampleId :
PB166801BL

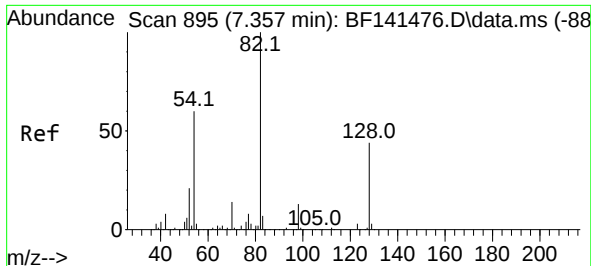
Tgt Ion: 99 Resp: 993526
Ion Ratio Lower Upper
99 100
42 20.9 19.1 28.7
71 36.7 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141710.D
Acq: 21 Feb 2025 10:15

Tgt Ion: 136 Resp: 398058
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.3 7.2 10.8
68 4.7 3.7 5.5





#23

Nitrobenzene-d5

Concen: 86.226 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF141710.D

Acq: 21 Feb 2025 10:15

Instrument :

BNA_F

ClientSampleId :

PB166801BL

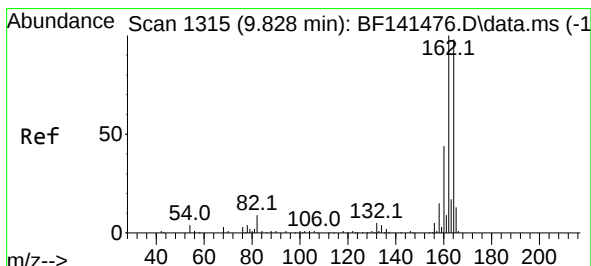
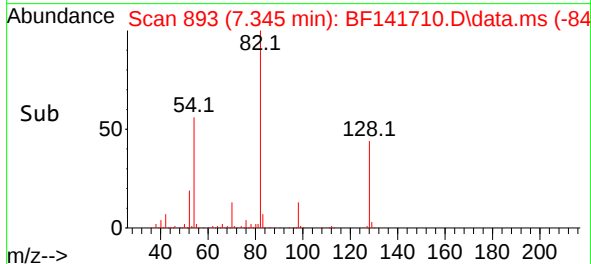
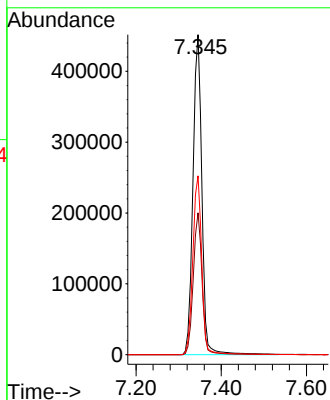
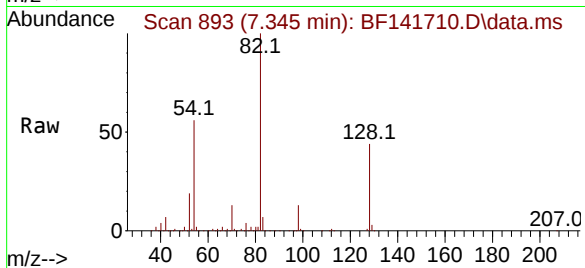
Tgt Ion: 82 Resp: 658057

Ion Ratio Lower Upper

82 100

128 44.3 34.8 52.2

54 55.9 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1312

Delta R.T. -0.024 min

Lab File: BF141710.D

Acq: 21 Feb 2025 10:15

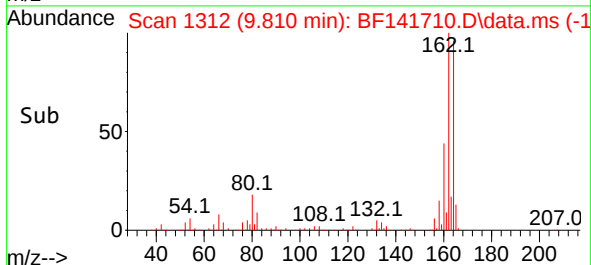
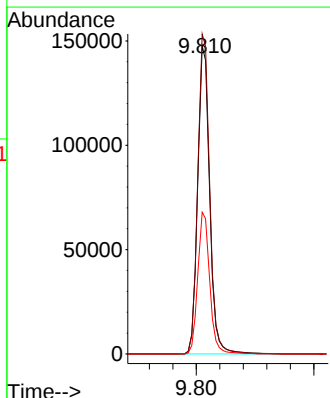
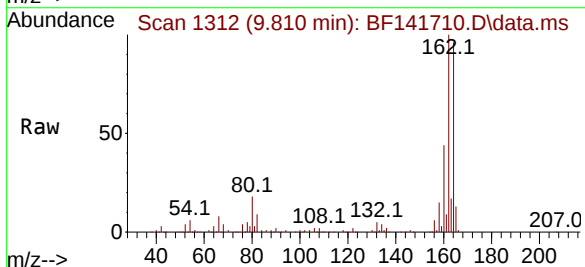
Tgt Ion:164 Resp: 208634

Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

160 46.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 119.507 ng

RT: 10.604 min Scan# 1450

Delta R.T. -0.023 min

Lab File: BF141710.D

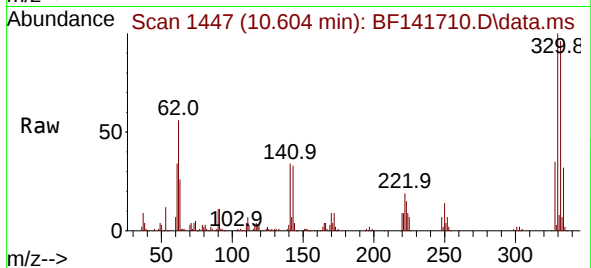
Acq: 21 Feb 2025 10:15

Instrument :

BNA_F

ClientSampleId :

PB166801BL



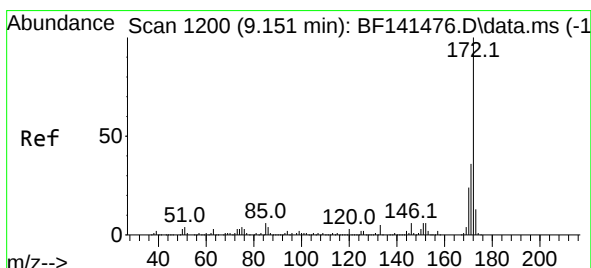
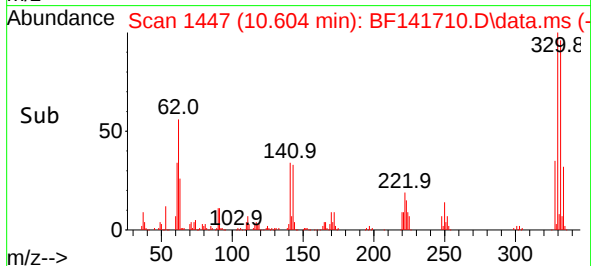
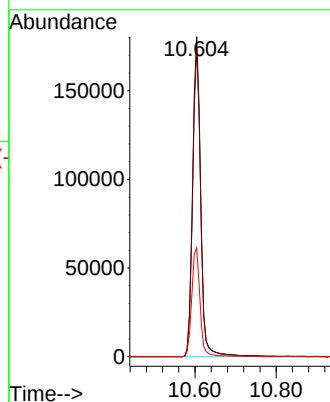
Tgt Ion:330 Resp: 250465

Ion Ratio Lower Upper

330 100

332 95.0 78.5 117.7

141 35.0 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 90.990 ng

RT: 9.133 min Scan# 1197

Delta R.T. -0.018 min

Lab File: BF141710.D

Acq: 21 Feb 2025 10:15

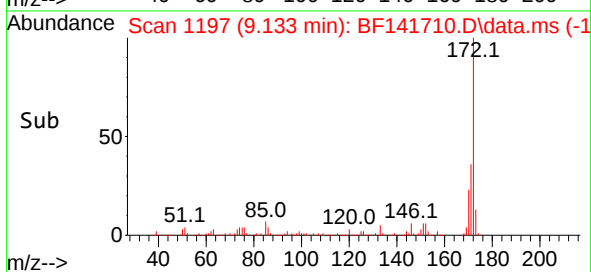
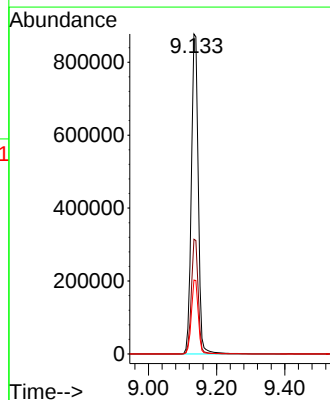
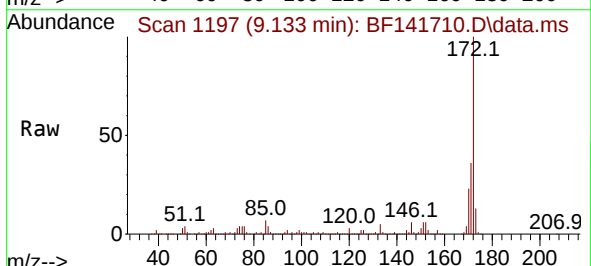
Tgt Ion:172 Resp: 1232193

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 23.1 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141710.D

Acq: 21 Feb 2025 10:15

Instrument :

BNA_F

ClientSampleId :

PB166801BL

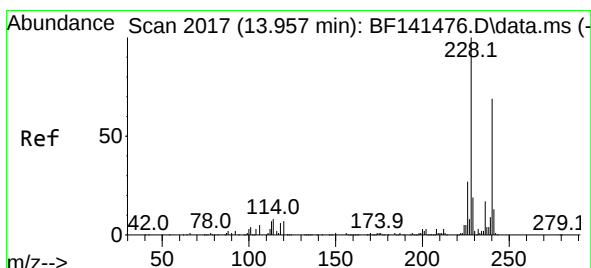
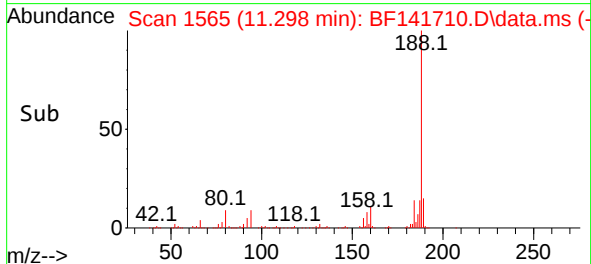
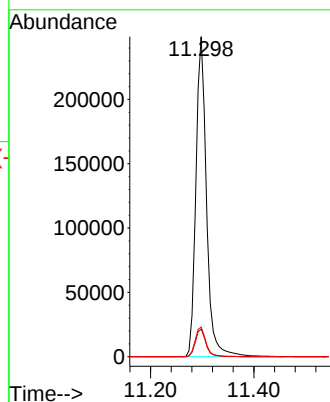
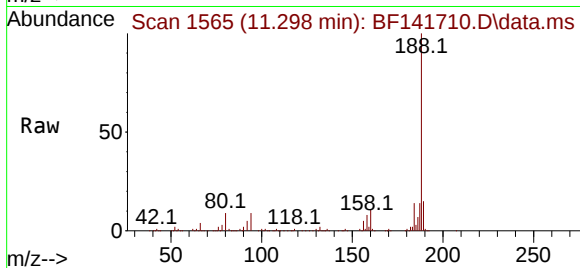
Tgt Ion:188 Resp: 354240

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: 13.933 min Scan# 2013

Delta R.T. -0.029 min

Lab File: BF141710.D

Acq: 21 Feb 2025 10:15

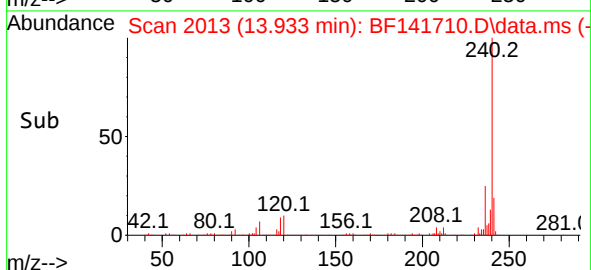
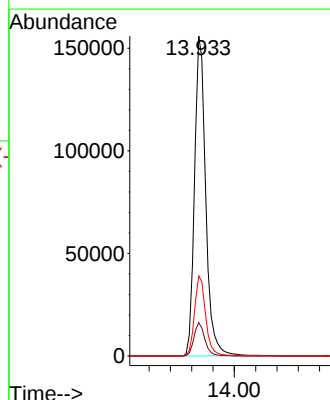
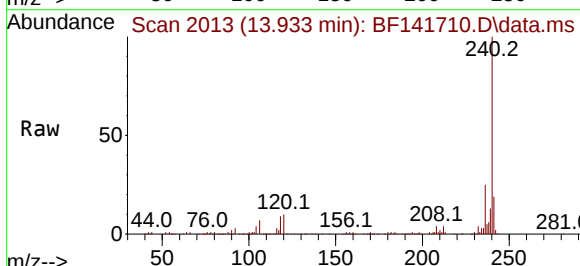
Tgt Ion:240 Resp: 229001

Ion Ratio Lower Upper

240 100

120 10.4 8.0 12.0

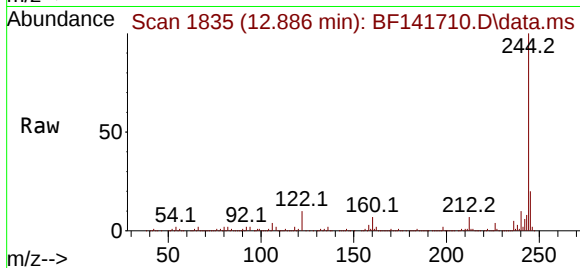
236 25.0 19.8 29.8



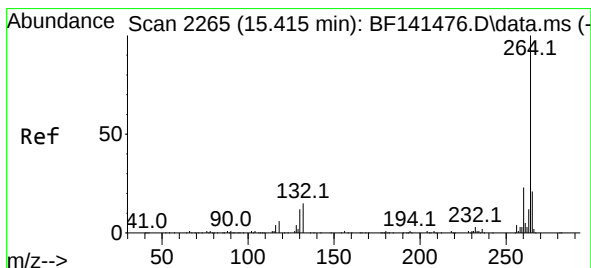
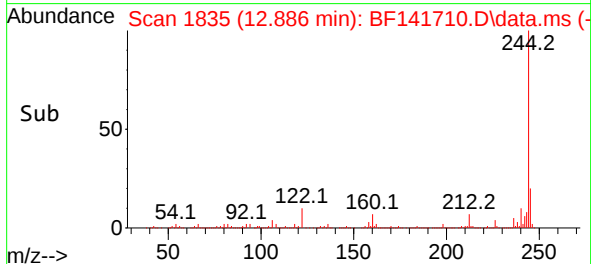
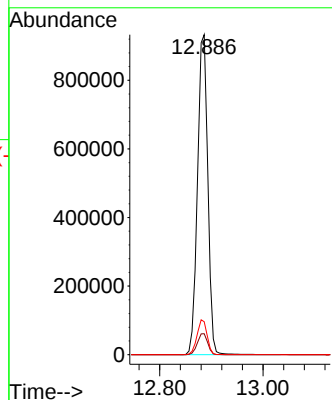


#79
Terphenyl-d14
Concen: 95.053 ng
RT: 12.886 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141710.D
Acq: 21 Feb 2025 10:15

Instrument :
BNA_F
ClientSampleId :
PB166801BL



Tgt Ion:244 Resp: 1289401
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 10.3 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.035 min
Lab File: BF141710.D
Acq: 21 Feb 2025 10:15

Tgt Ion:264 Resp: 177593
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 21.7 17.0 25.4

