

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142410.D
 Acq On : 15 May 2025 23:59
 Operator : RC/JU
 Sample : Q2020-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-A

Quant Time: May 16 01:11:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

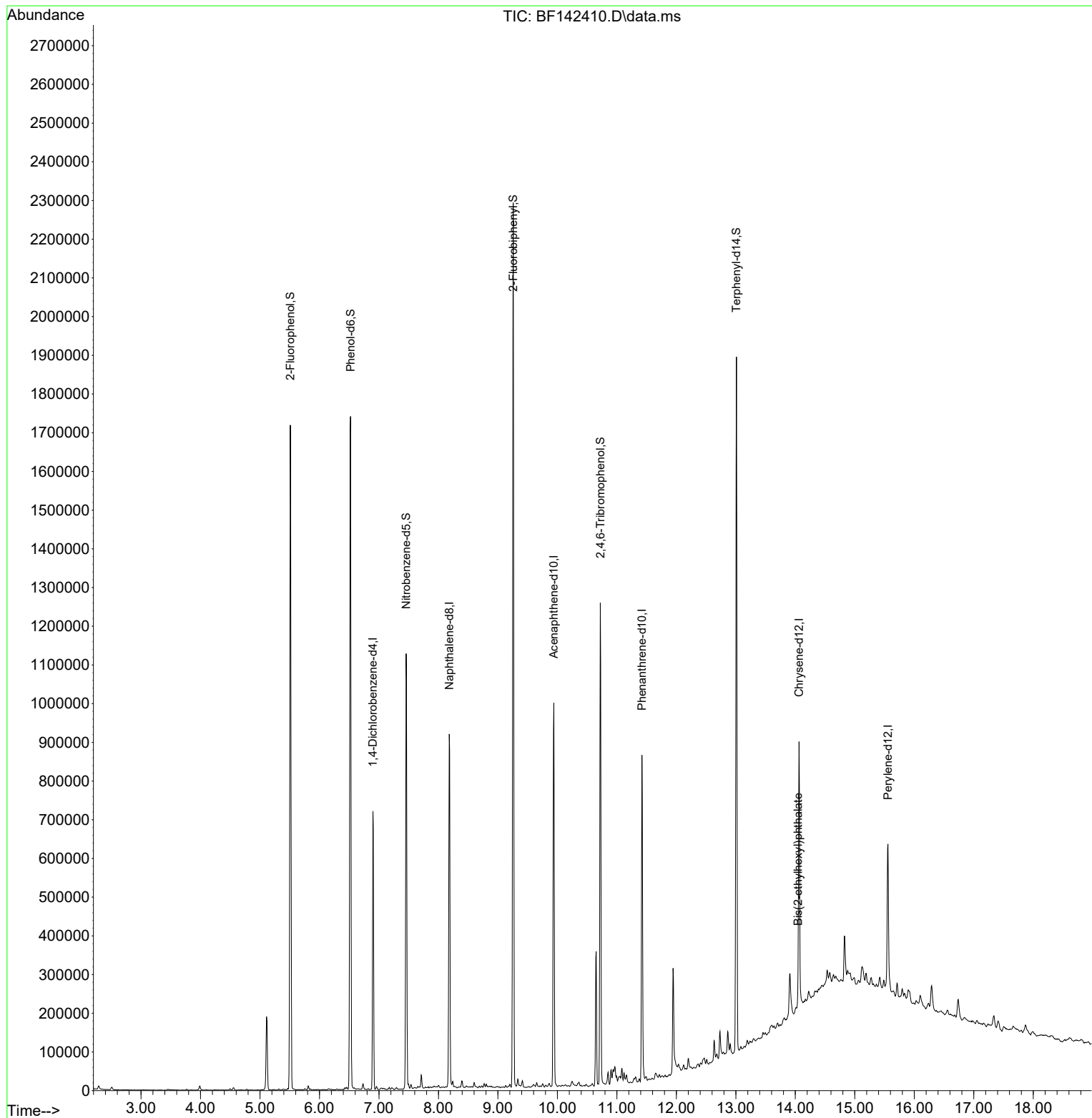
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	155347	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	587329	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	297449	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	434989	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	326945	20.000	ng	0.00
86) Perylene-d12	15.557	264	226682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	653794	71.844	ng	0.00
7) Phenol-d6	6.522	99	844181	75.424	ng	0.00
23) Nitrobenzene-d5	7.457	82	463676	48.147	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	222313	77.412	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1023521	49.064	ng	0.00
79) Terphenyl-d14	13.010	244	880125	39.844	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.045	149	8413	4.931	ng	Qvalue # 90

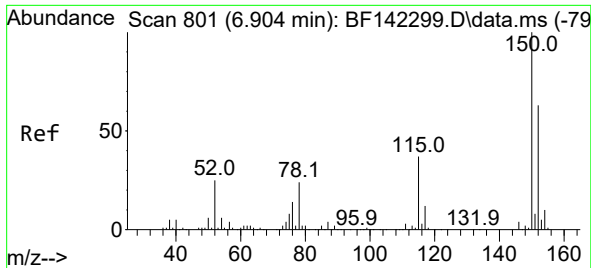
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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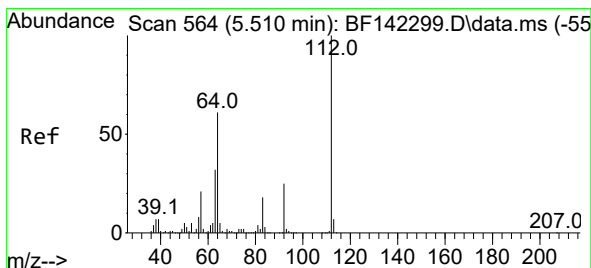
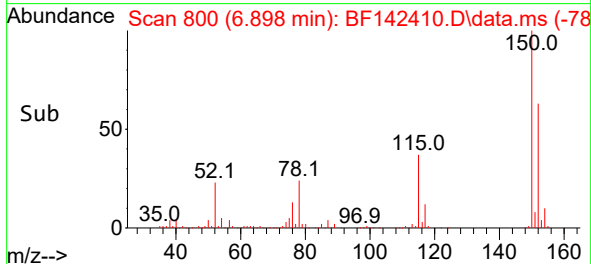
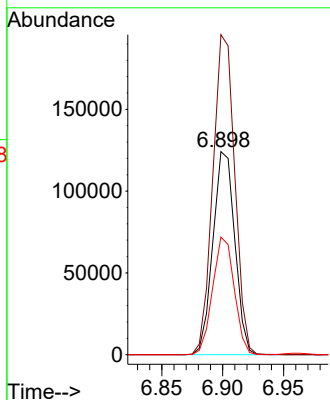
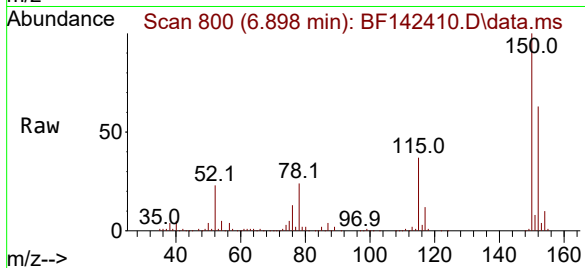




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142410.D
Acq: 15 May 2025 23:59

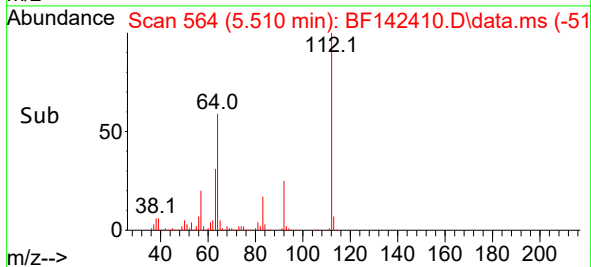
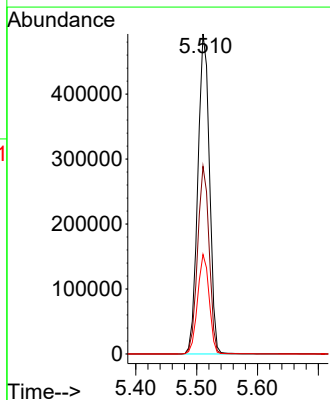
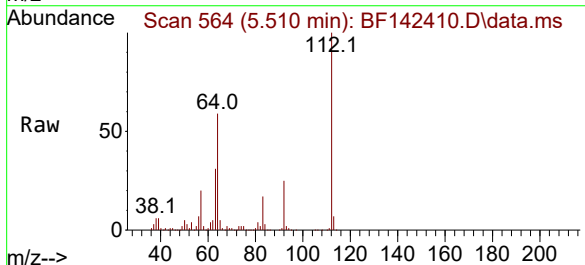
Instrument :
BNA_F
ClientSampleId :
TP-A

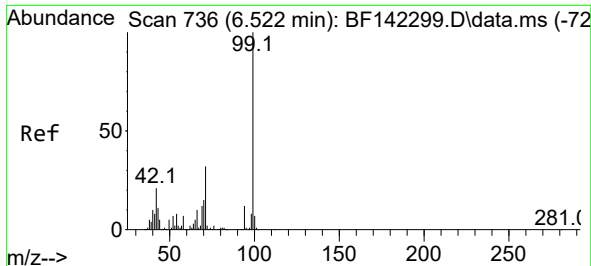
Tgt Ion:152 Resp: 155347
Ion Ratio Lower Upper
152 100
150 157.6 126.6 190.0
115 58.0 47.3 70.9



#5
2-Fluorophenol
Concen: 71.844 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF142410.D
Acq: 15 May 2025 23:59

Tgt Ion:112 Resp: 653794
Ion Ratio Lower Upper
112 100
64 58.7 48.9 73.3
63 31.1 25.6 38.4





#7
Phenol-d6
Concen: 75.424 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142410.D
Acq: 15 May 2025 23:59

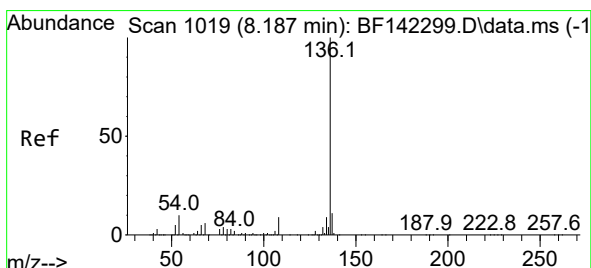
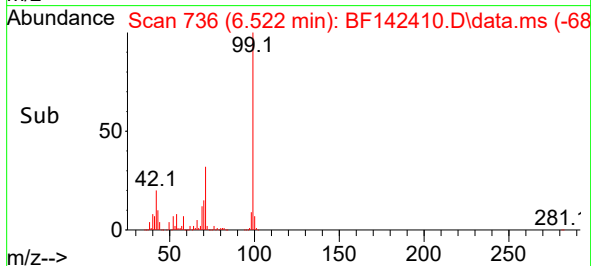
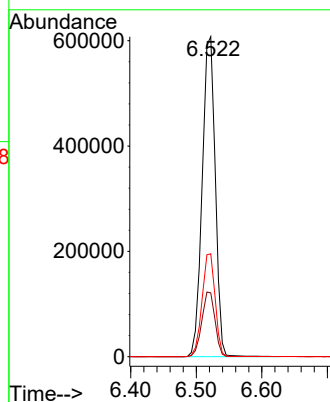
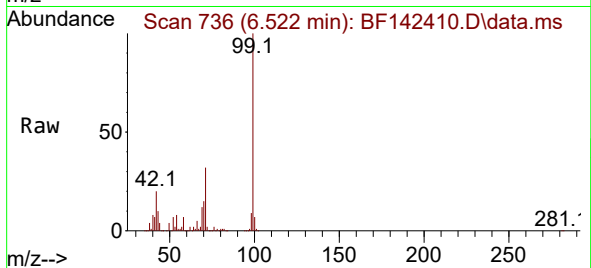
Instrument :

BNA_F

ClientSampleId :

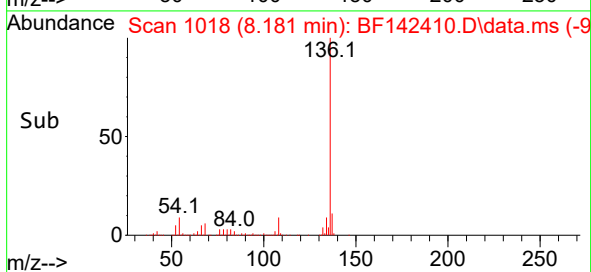
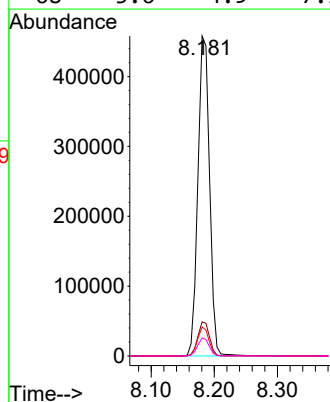
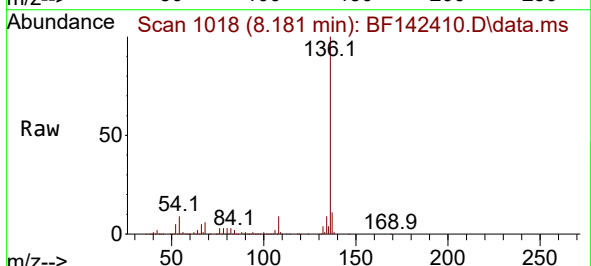
TP-A

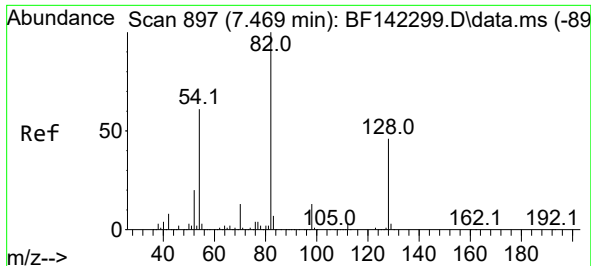
Tgt Ion: 99 Resp: 844181
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.4
71 32.1 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142410.D
Acq: 15 May 2025 23:59

Tgt Ion:136 Resp: 587329
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.0 7.7 11.5
68 5.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 48.147 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF142410.D

Acq: 15 May 2025 23:59

Instrument :

BNA_F

ClientSampleId :

TP-A

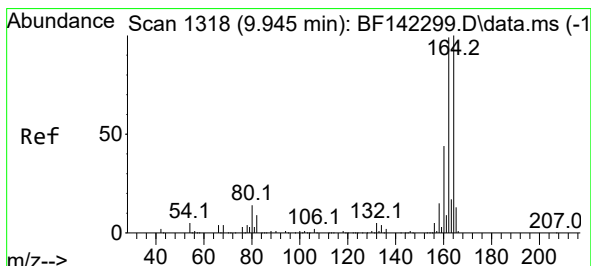
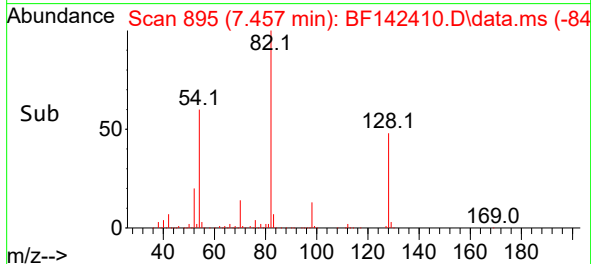
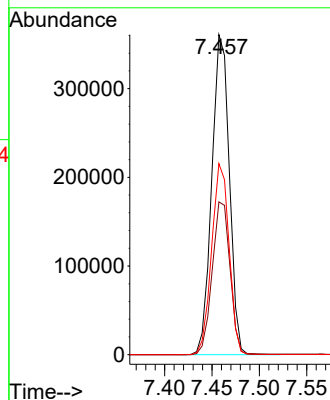
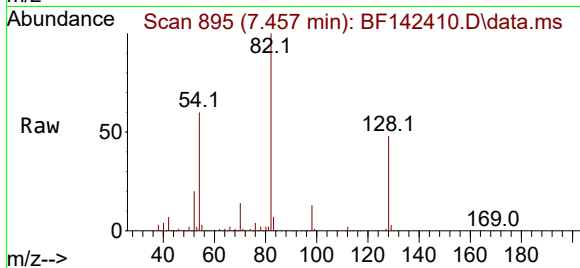
Tgt Ion: 82 Resp: 463676

Ion Ratio Lower Upper

82 100

128 47.7 37.0 55.6

54 59.7 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142410.D

Acq: 15 May 2025 23:59

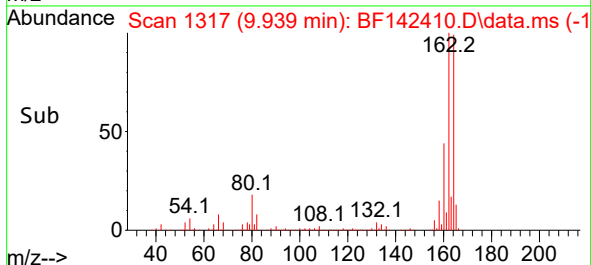
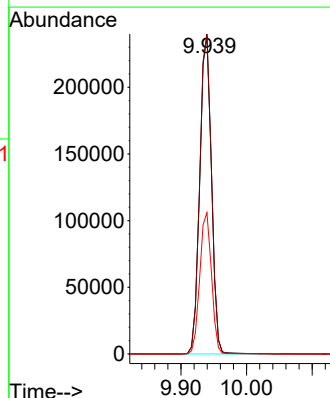
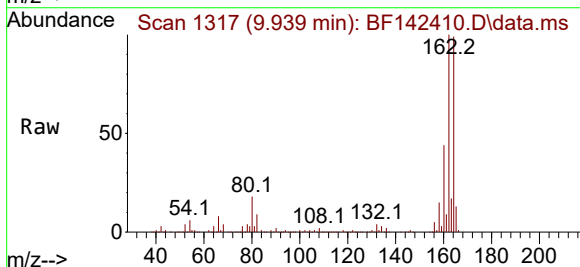
Tgt Ion:164 Resp: 297449

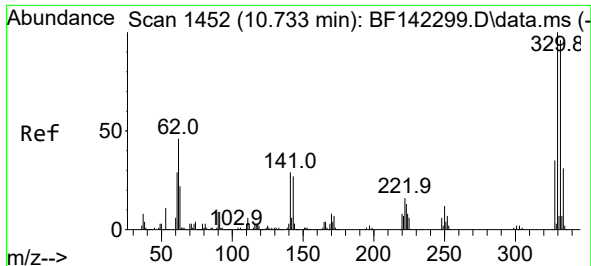
Ion Ratio Lower Upper

164 100

162 100.6 79.2 118.8

160 44.4 35.3 52.9

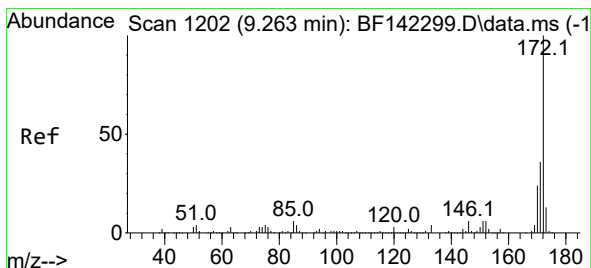
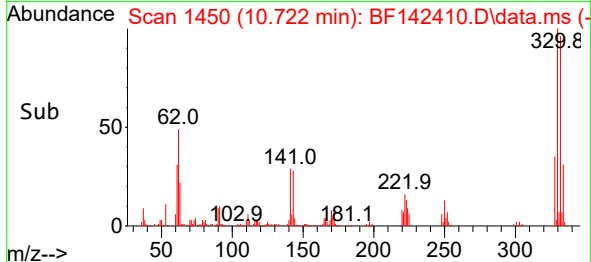
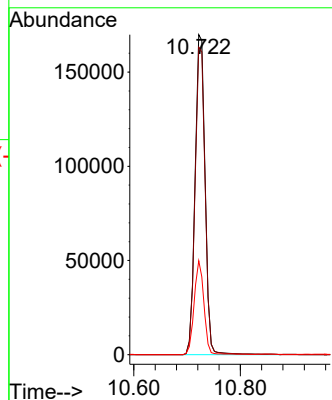
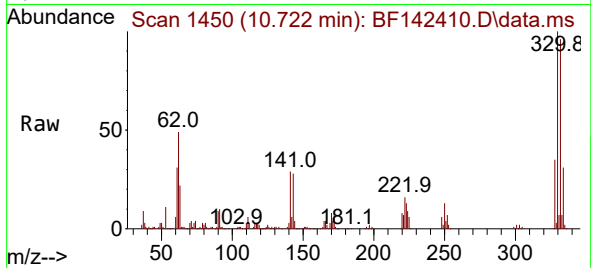




#42
 2,4,6-Tribromophenol
 Concen: 77.412 ng
 RT: 10.722 min Scan# 1450
 Delta R.T. -0.012 min
 Lab File: BF142410.D
 Acq: 15 May 2025 23:59

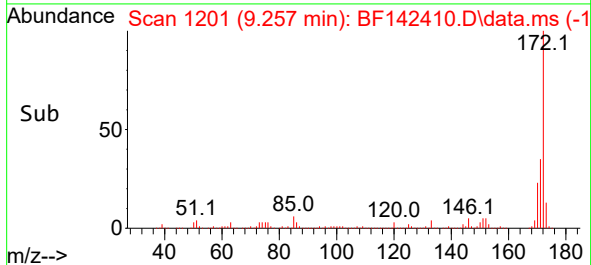
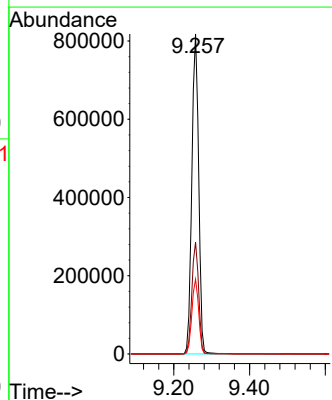
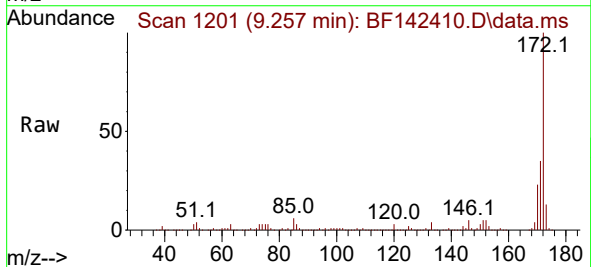
Instrument :
 BNA_F
 ClientSampleId :
 TP-A

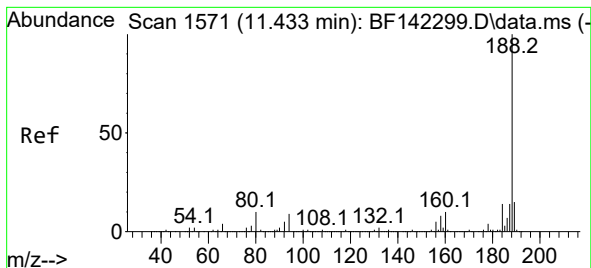
Tgt Ion:330 Resp: 222313
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.8 115.2
 141 28.8 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 49.064 ng
 RT: 9.257 min Scan# 1201
 Delta R.T. -0.006 min
 Lab File: BF142410.D
 Acq: 15 May 2025 23:59

Tgt Ion:172 Resp: 1023521
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 23.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1569

Delta R.T. -0.012 min

Lab File: BF142410.D

Acq: 15 May 2025 23:59

Instrument :

BNA_F

ClientSampleId :

TP-A

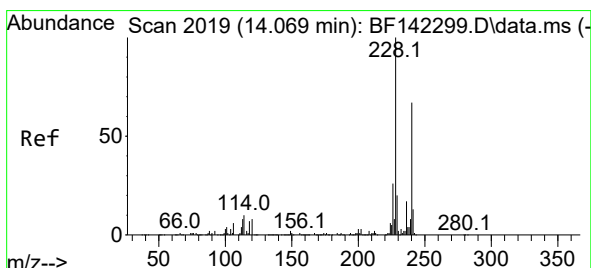
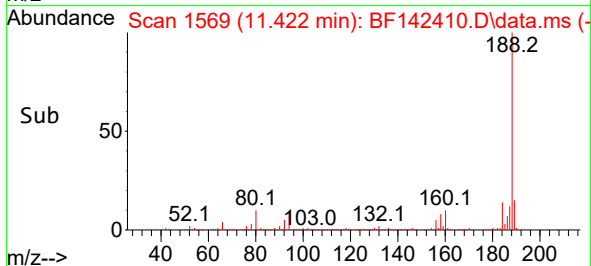
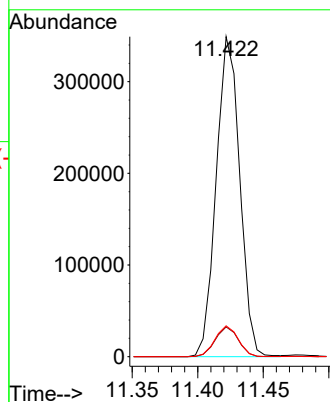
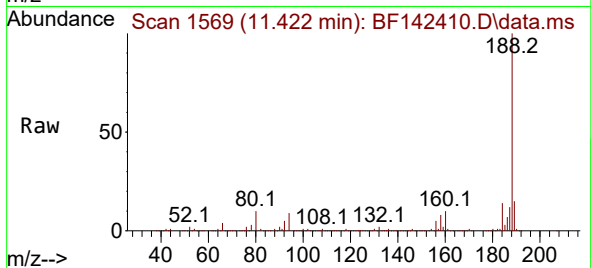
Tgt Ion:188 Resp: 434989

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 9.6 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF142410.D

Acq: 15 May 2025 23:59

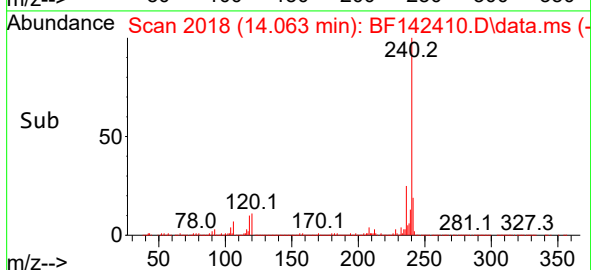
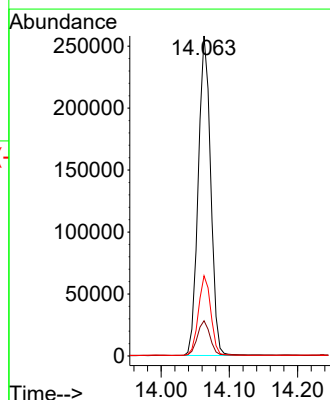
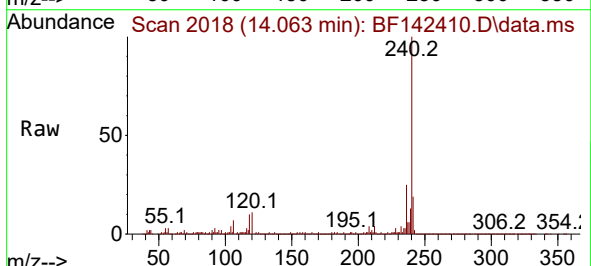
Tgt Ion:240 Resp: 326945

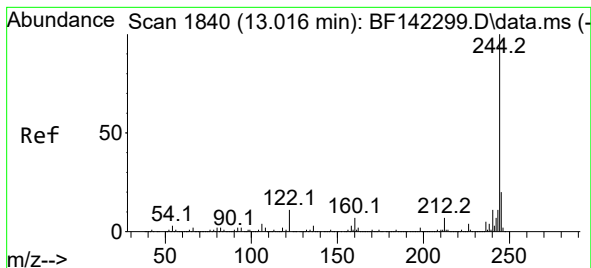
Ion Ratio Lower Upper

240 100

120 11.0 9.7 14.5

236 25.0 20.0 30.0





#79

Terphenyl-d14

Concen: 39.844 ng

RT: 13.010 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF142410.D

Acq: 15 May 2025 23:59

Instrument :

BNA_F

ClientSampleId :

TP-A

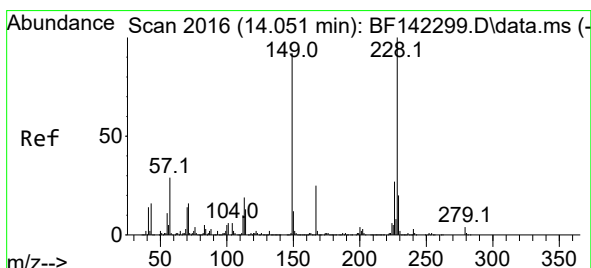
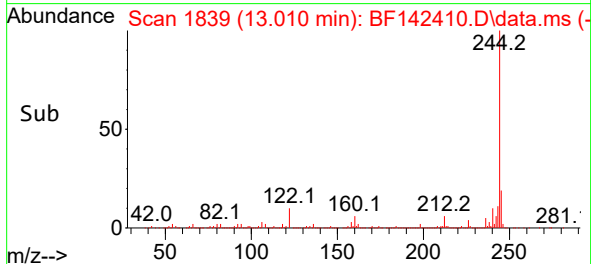
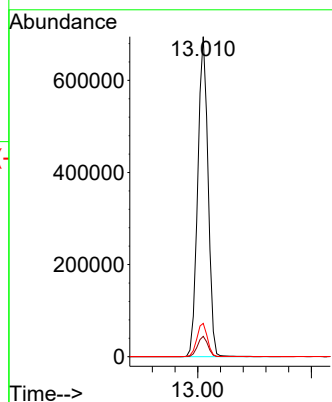
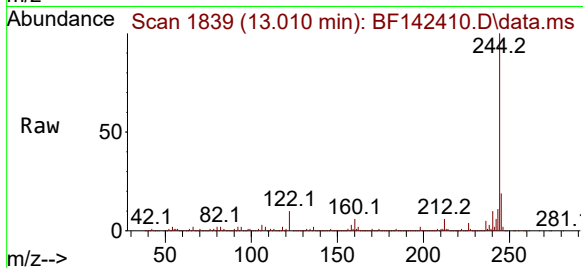
Tgt Ion:244 Resp: 880125

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

122 10.4 9.0 13.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.931 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142410.D

Acq: 15 May 2025 23:59

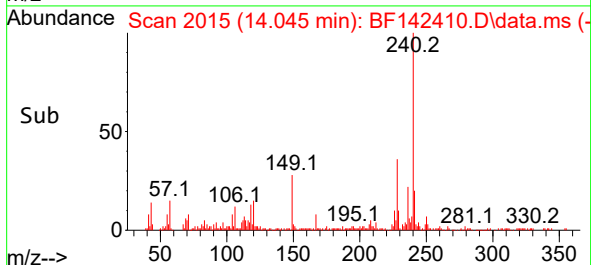
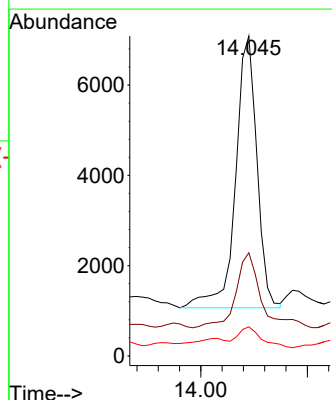
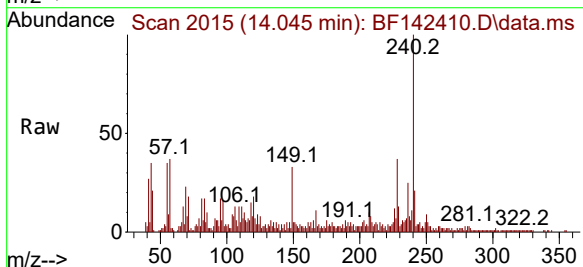
Tgt Ion:149 Resp: 8413

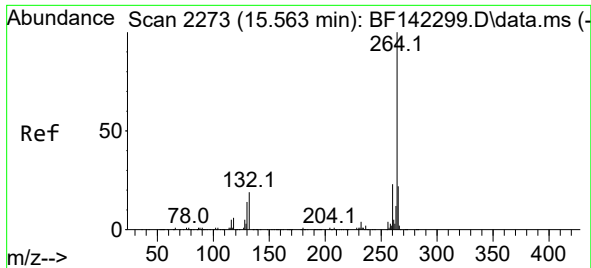
Ion Ratio Lower Upper

149 100

167 32.3 22.0 33.0

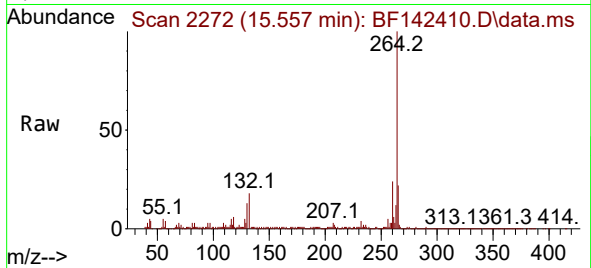
279 9.1 3.0 4.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142410.D
Acq: 15 May 2025 23:59

Instrument :
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ClientSampleId :
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Tgt Ion:264 Resp: 226682

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.5	17.5	26.3

