

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142406.D
 Acq On : 15 May 2025 22:04
 Operator : RC/JU
 Sample : Q1982-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: May 16 01:10:16 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)

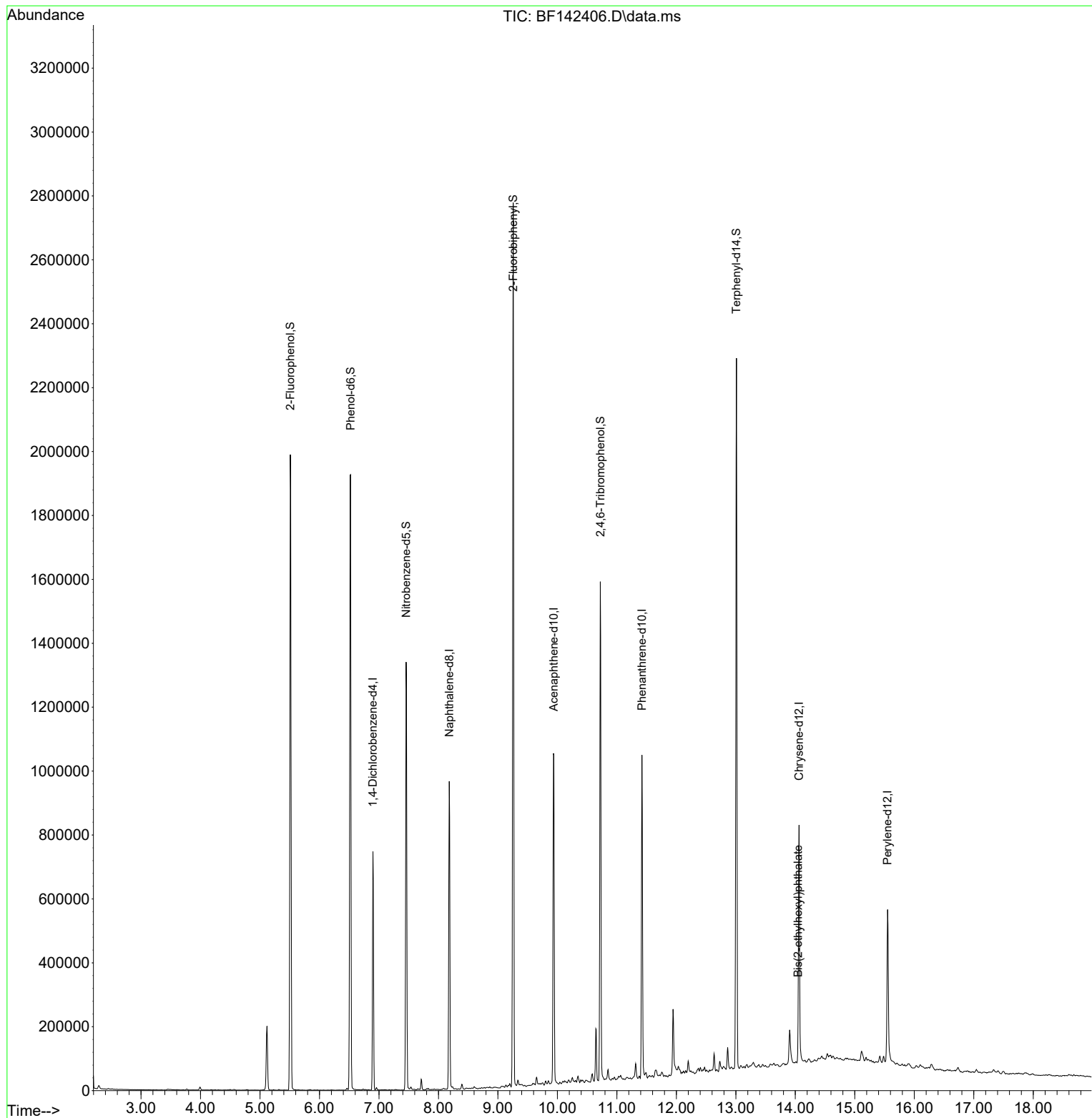
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	160071	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	605054	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	320606	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	518248	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	355689	20.000	ng	0.00
86) Perylene-d12	15.551	264	278675	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	782072	83.404	ng	0.00
7) Phenol-d6	6.522	99	949734	82.350	ng	0.00
23) Nitrobenzene-d5	7.457	82	564669	56.916	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	283820	91.691	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1233046	54.839	ng	0.00
79) Terphenyl-d14	13.010	244	1076746	44.806	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.045	149	1802	4.374	ng	Qvalue # 85

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

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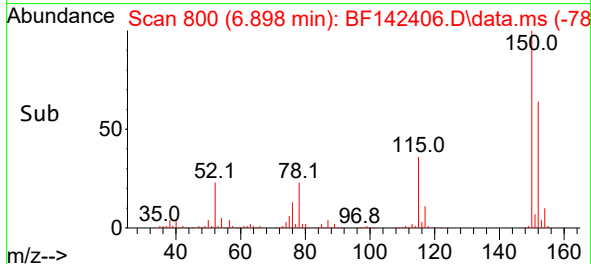
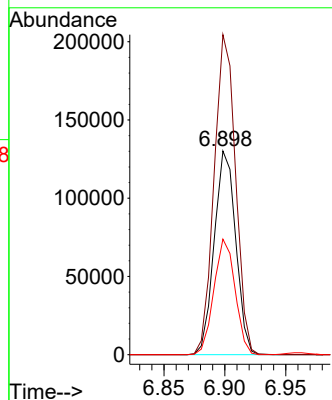
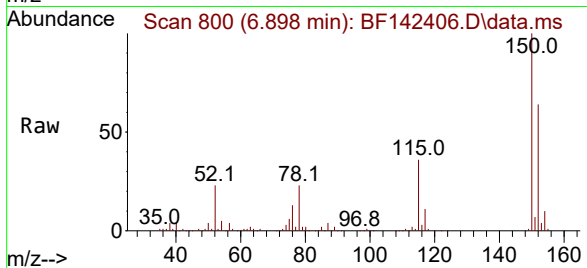




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

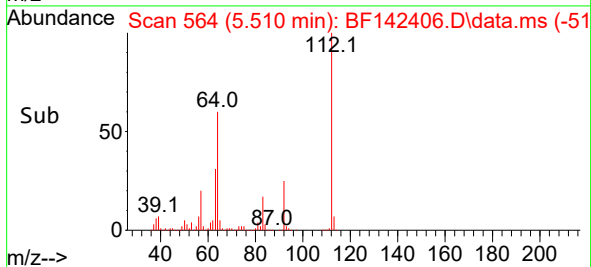
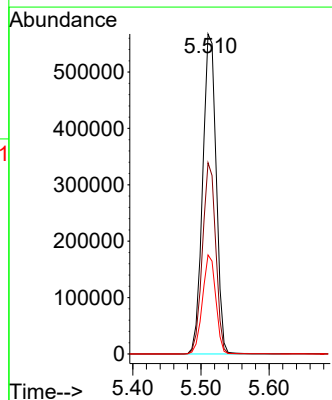
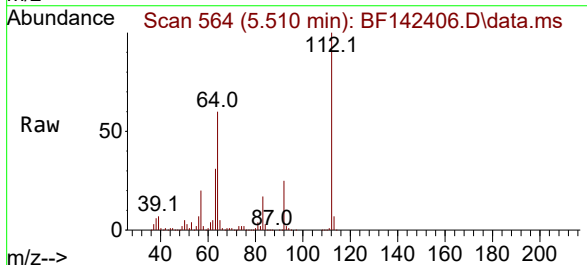
Instrument :
BNA_F
ClientSampleId :
TP-8

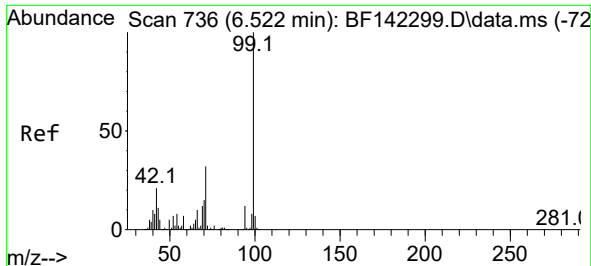
Tgt Ion:152 Resp: 160071
Ion Ratio Lower Upper
152 100
150 157.1 126.6 190.0
115 56.7 47.3 70.9



#5
2-Fluorophenol
Concen: 83.404 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Tgt Ion:112 Resp: 782072
Ion Ratio Lower Upper
112 100
64 59.8 48.9 73.3
63 30.9 25.6 38.4

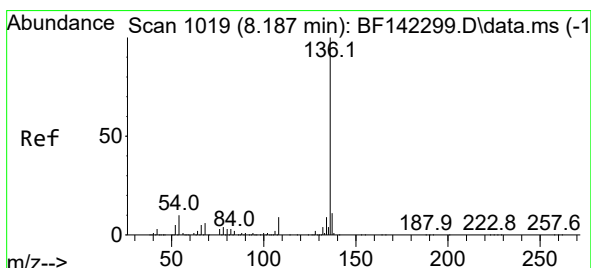
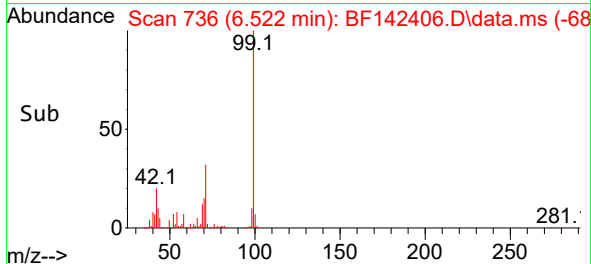
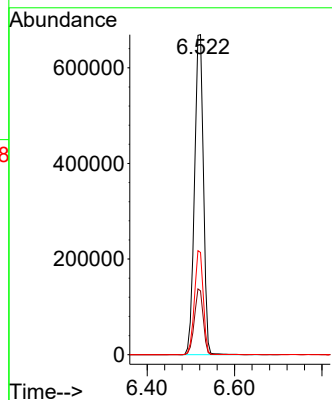
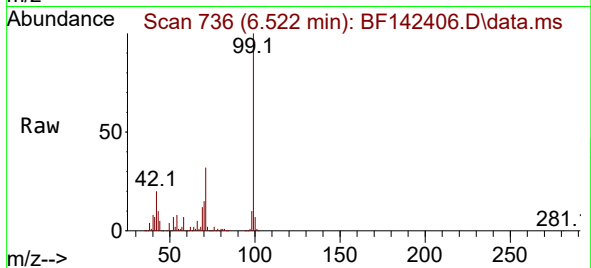




#7
Phenol-d6
Concen: 82.350 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

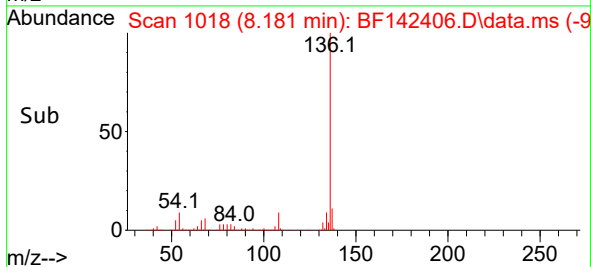
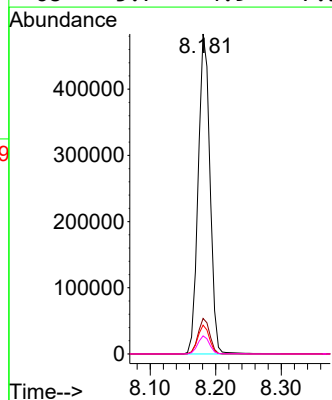
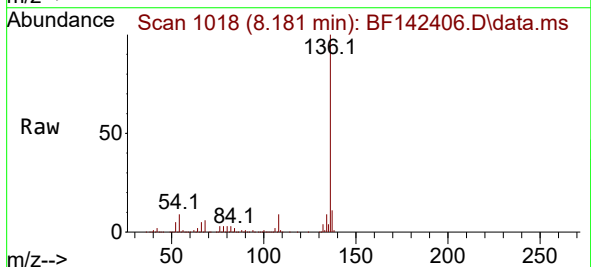
Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion: 99 Resp: 949734
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.4
71 31.9 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: BF142406.D
Acq: 15 May 2025 22:04

Tgt Ion: 136 Resp: 605054
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.0 7.7 11.5
68 5.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 56.916 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142406.D

Acq: 15 May 2025 22:04

Instrument :

BNA_F

ClientSampleId :

TP-8

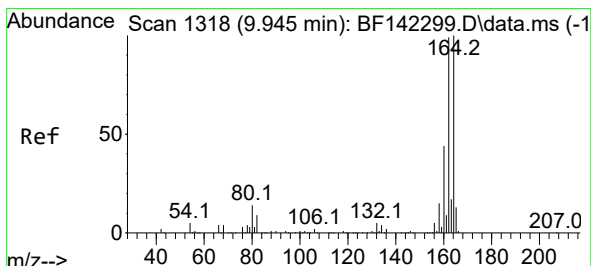
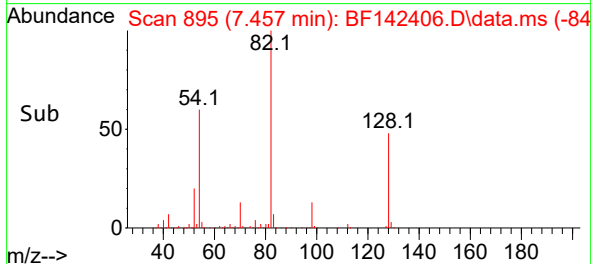
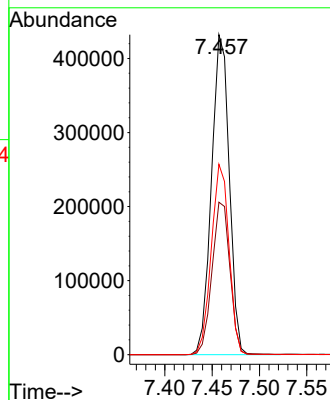
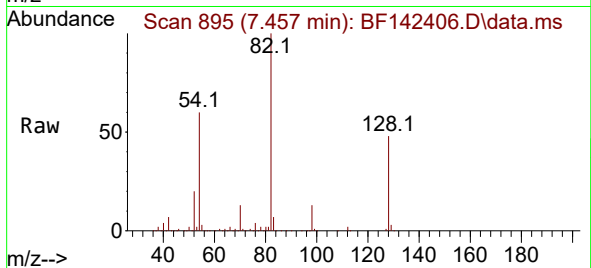
Tgt Ion: 82 Resp: 564669

Ion Ratio Lower Upper

82 100

128 47.6 37.0 55.6

54 59.5 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: BF142406.D

Acq: 15 May 2025 22:04

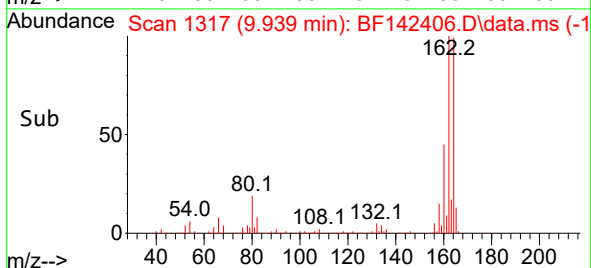
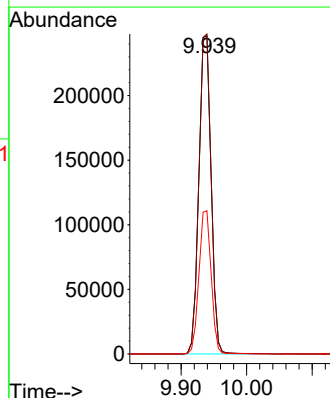
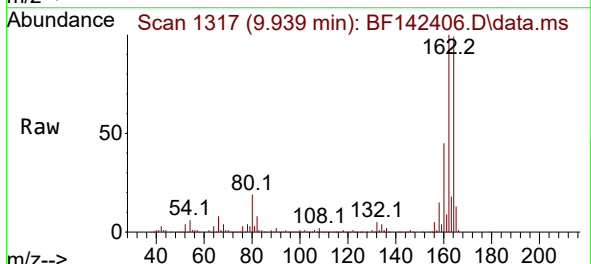
Tgt Ion:164 Resp: 320606

Ion Ratio Lower Upper

164 100

162 100.6 79.2 118.8

160 45.0 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 91.691 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF142406.D

Acq: 15 May 2025 22:04

Instrument :

BNA_F

ClientSampleId :

TP-8

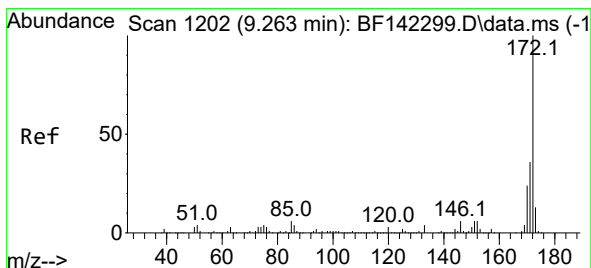
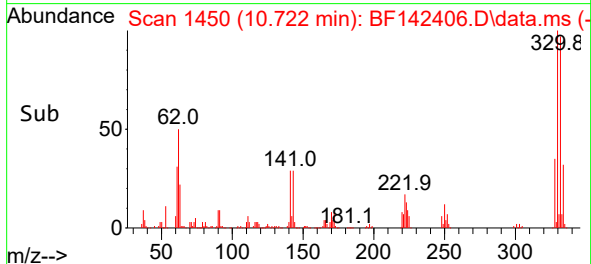
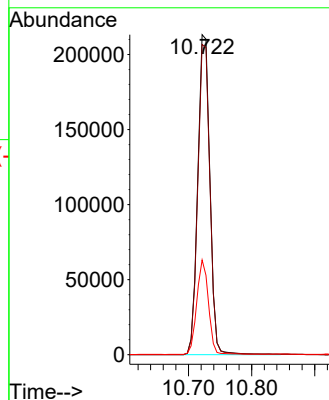
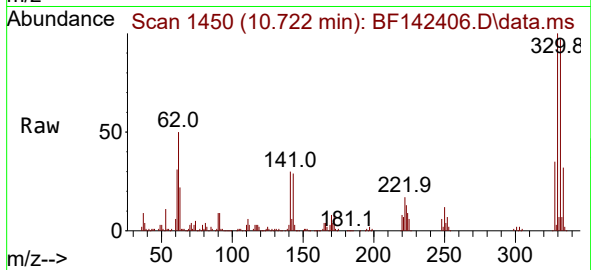
Tgt Ion:330 Resp: 283820

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

141 28.5 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 54.839 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142406.D

Acq: 15 May 2025 22:04

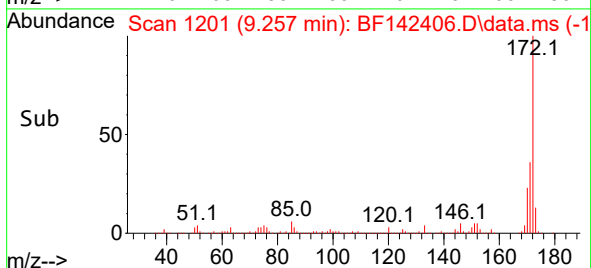
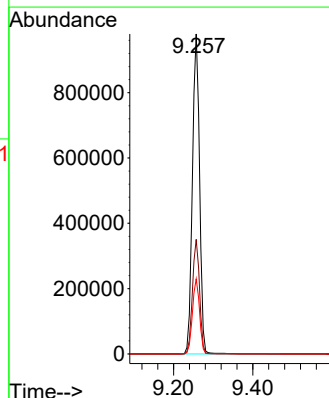
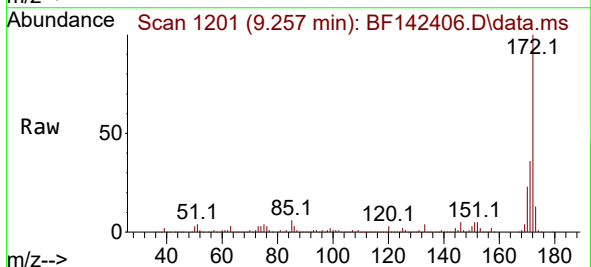
Tgt Ion:172 Resp: 1233046

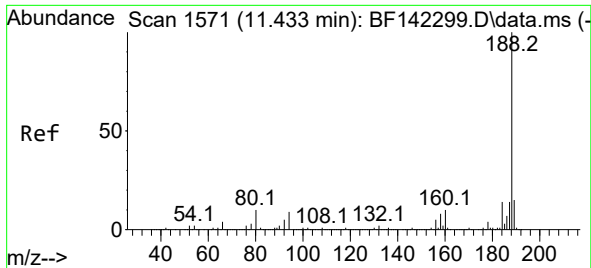
Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 23.4 19.0 28.4

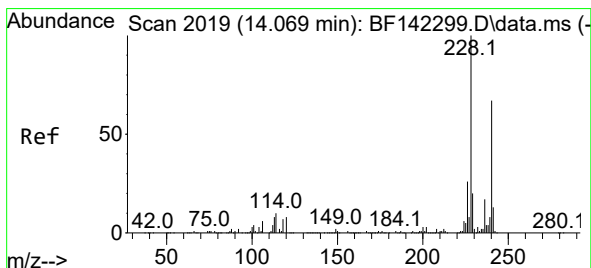
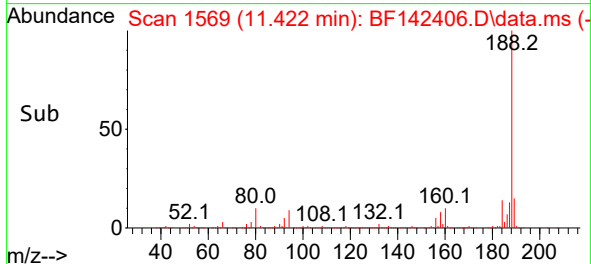
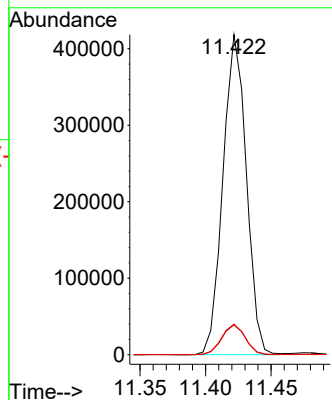
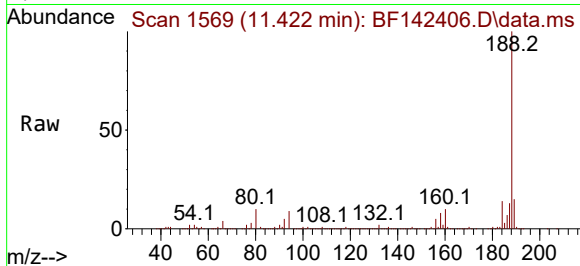




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

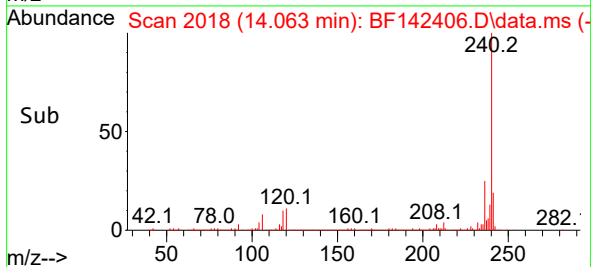
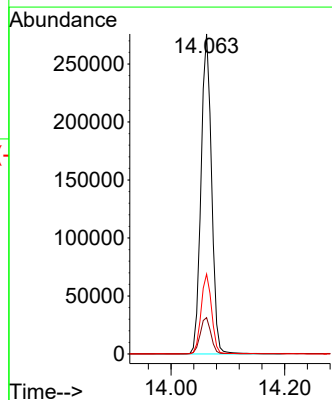
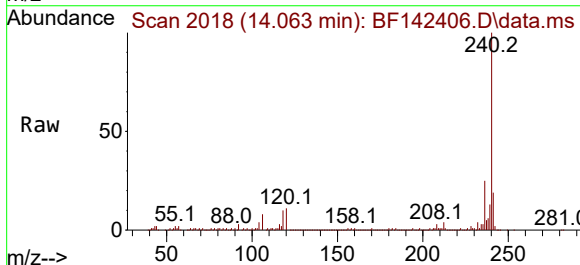
Instrument :
BNA_F
ClientSampleId :
TP-8

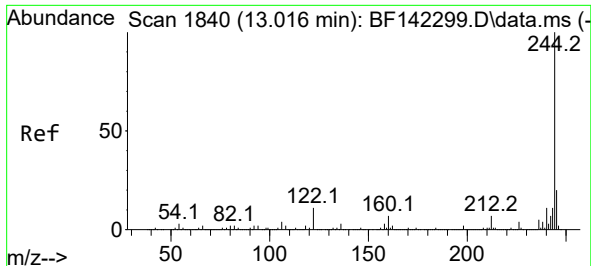
Tgt Ion:188 Resp: 518248
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142406.D
Acq: 15 May 2025 22:04

Tgt Ion:240 Resp: 355689
Ion Ratio Lower Upper
240 100
120 11.4 9.7 14.5
236 25.0 20.0 30.0

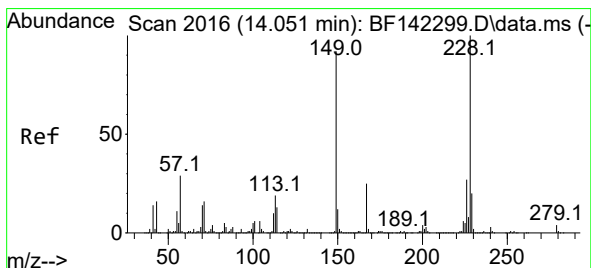
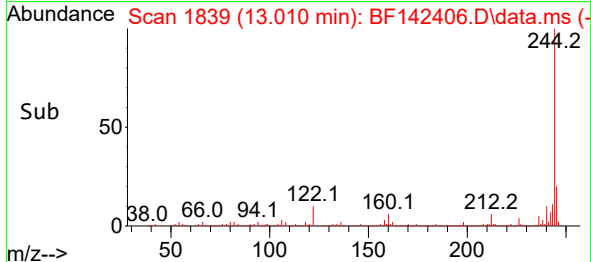
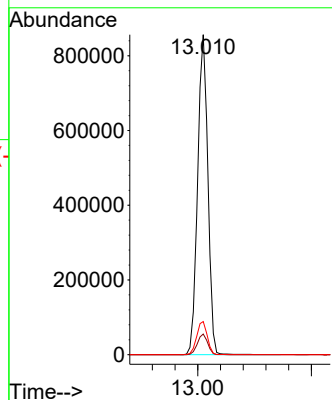
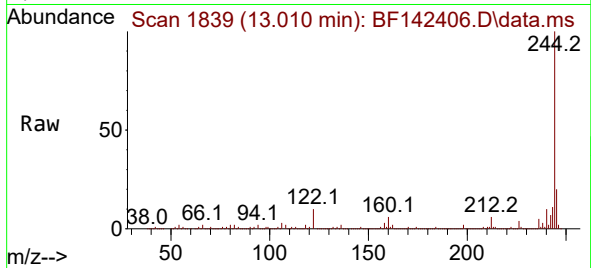




#79
 Terphenyl-d14
 Concen: 44.806 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142406.D
 Acq: 15 May 2025 22:04

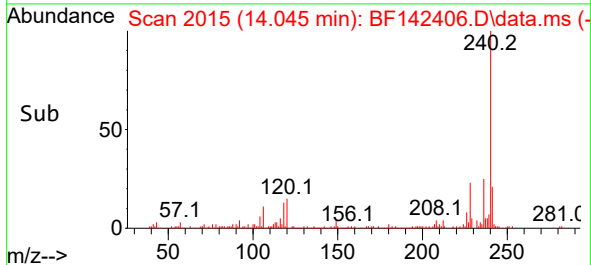
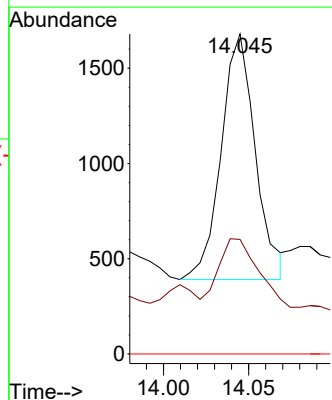
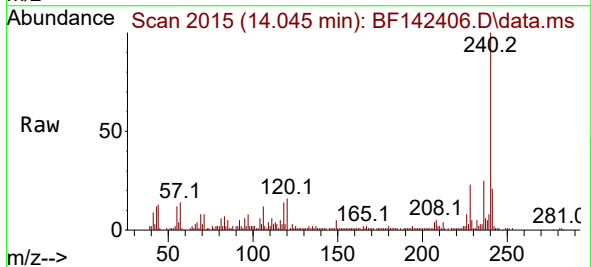
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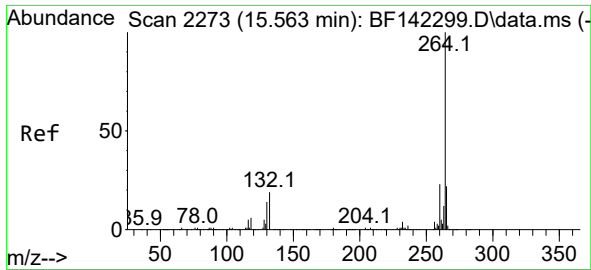
Tgt Ion:244 Resp: 1076746
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.2
 122 10.3 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.374 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF142406.D
 Acq: 15 May 2025 22:04

Tgt Ion:149 Resp: 1802
 Ion Ratio Lower Upper
 149 100
 167 35.8 22.0 33.0#
 279 0.0 3.0 4.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142406.D

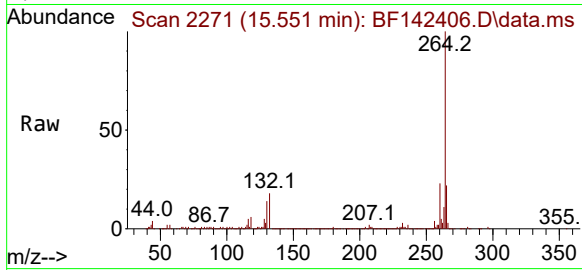
Acq: 15 May 2025 22:04

Instrument :

BNA_F

ClientSampleId :

TP-8



Tgt Ion:264 Resp: 278675

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.8 17.5 26.3

