

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022825\
 Data File : BF141806.D
 Acq On : 28 Feb 2025 13:22
 Operator : RC/JU
 Sample : Q1421-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-CLAY-CF01-02

Quant Time: Feb 28 13:43:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

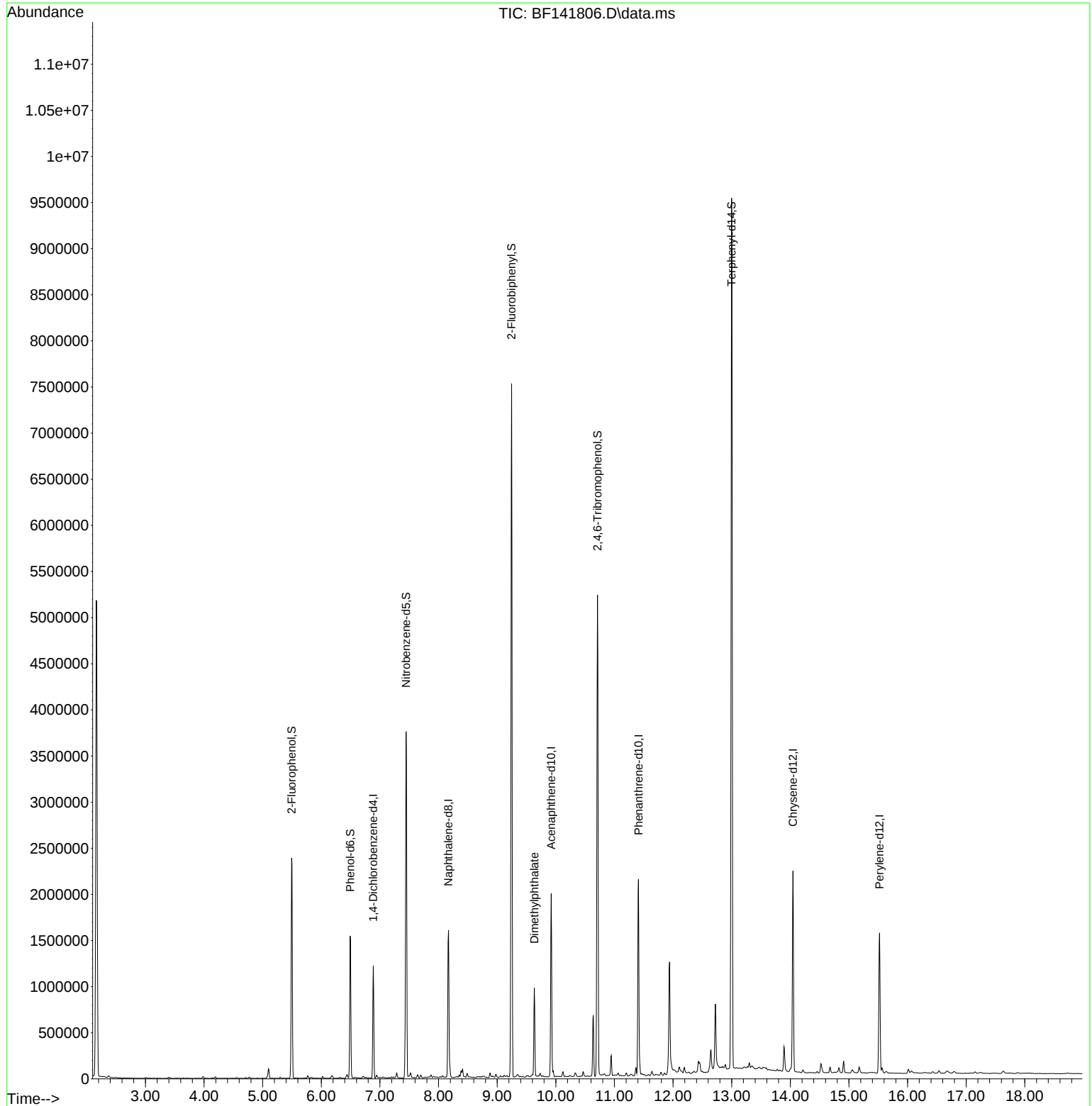
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	243666	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	971925	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	563590	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1041256	20.000	ng	0.00
76) Chrysene-d12	14.045	240	1003213	20.000	ng	0.00
86) Perylene-d12	15.521	264	850977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	891086	58.402	ng	0.00
7) Phenol-d6	6.493	99	694004	34.946	ng	-0.02
23) Nitrobenzene-d5	7.445	82	1708110	112.336	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	890734	168.346	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3191505	90.800	ng	0.00
79) Terphenyl-d14	12.998	244	4814860	77.651	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.633	163	515496	13.658	ng	Qvalue 99

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

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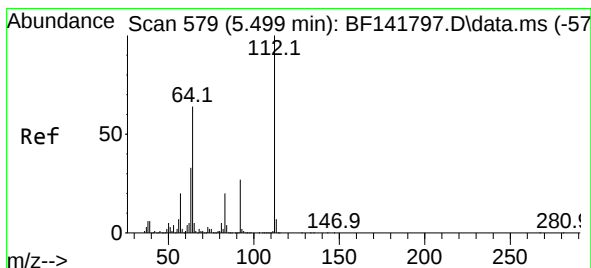
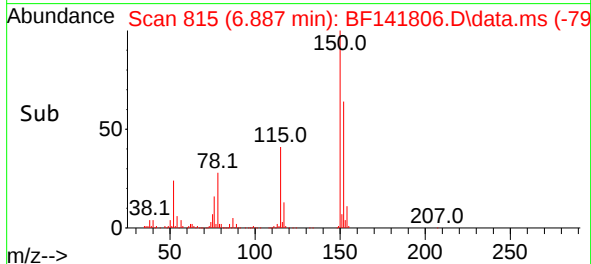
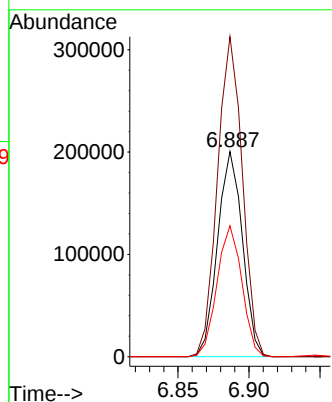
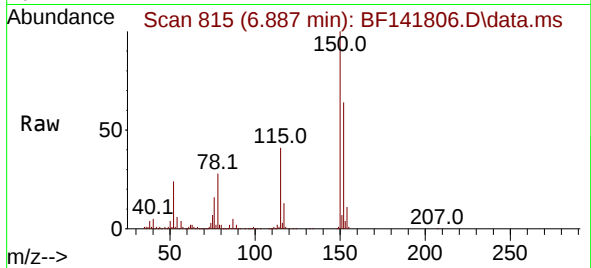




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF141806.D
Acq: 28 Feb 2025 13:22

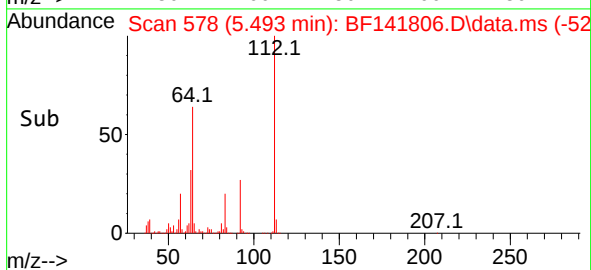
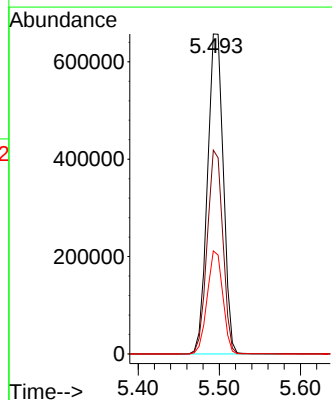
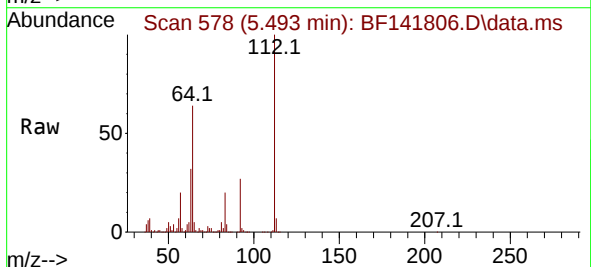
Instrument :
BNA_F
ClientSampleId :
P001-CLAY-CF01-02

Tgt Ion:152 Resp: 243666
Ion Ratio Lower Upper
152 100
150 156.0 127.5 191.3
115 63.8 51.4 77.2



#5
2-Fluorophenol
Concen: 58.402 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF141806.D
Acq: 28 Feb 2025 13:22

Tgt Ion:112 Resp: 891086
Ion Ratio Lower Upper
112 100
64 63.7 51.3 76.9
63 32.2 26.2 39.4

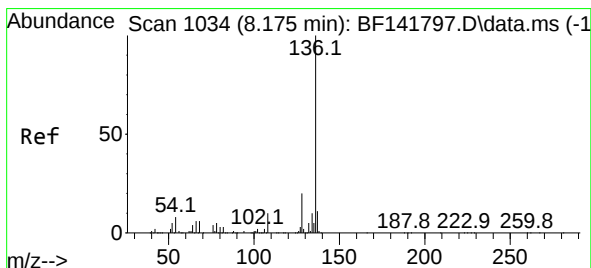
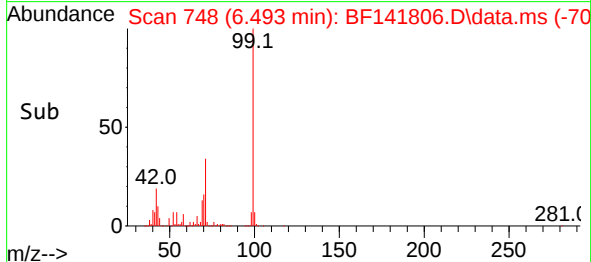
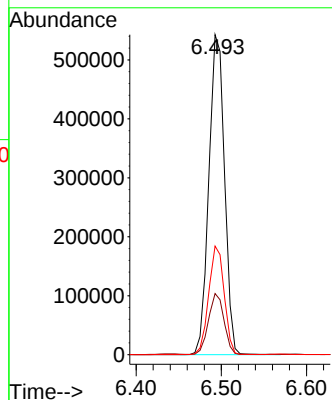
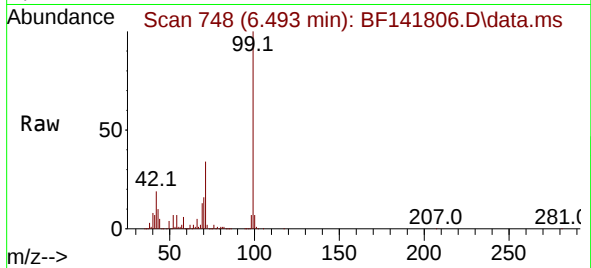




#7
Phenol-d6
Concen: 34.946 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF141806.D
Acq: 28 Feb 2025 13:22

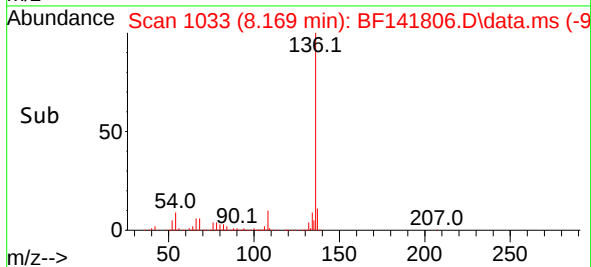
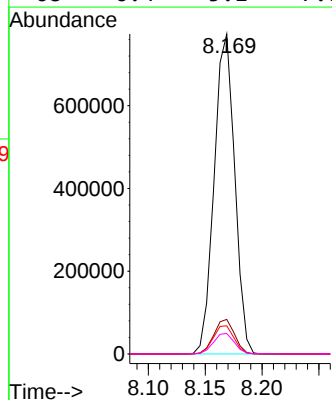
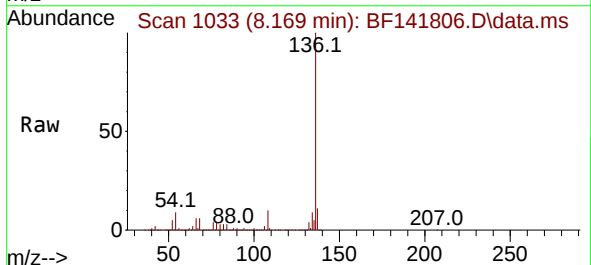
Instrument :
BNA_F
ClientSampleId :
P001-CLAY-CF01-02

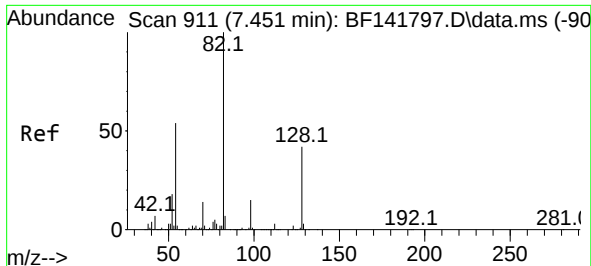
Tgt Ion: 99 Resp: 694004
Ion Ratio Lower Upper
99 100
42 19.1 15.2 22.8
71 33.9 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF141806.D
Acq: 28 Feb 2025 13:22

Tgt Ion: 136 Resp: 971925
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.8 6.9 10.3
68 6.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 112.336 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141806.D

Acq: 28 Feb 2025 13:22

Instrument :

BNA_F

ClientSampleId :

P001-CLAY-CF01-02

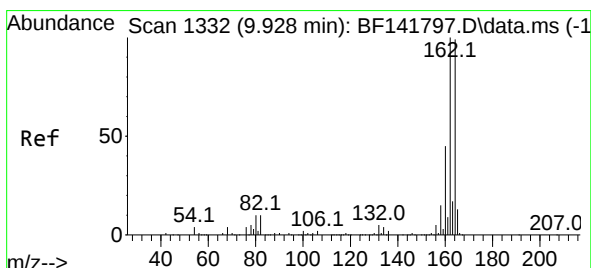
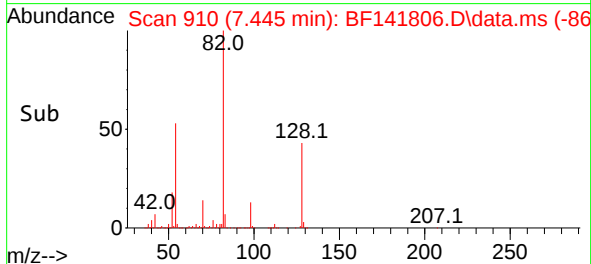
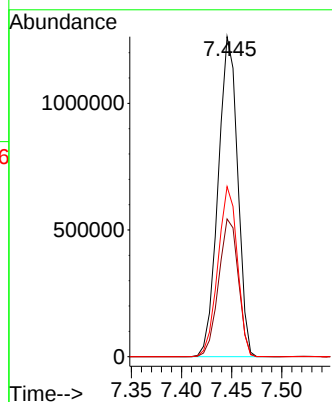
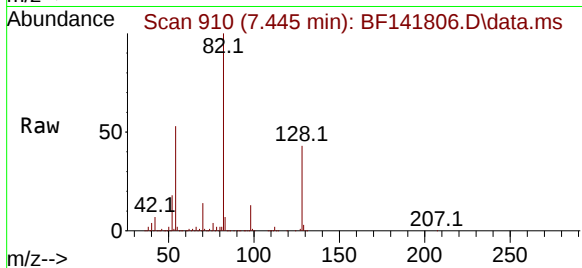
Tgt Ion: 82 Resp: 1708110

Ion Ratio Lower Upper

82 100

128 43.0 33.5 50.3

54 53.1 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF141806.D

Acq: 28 Feb 2025 13:22

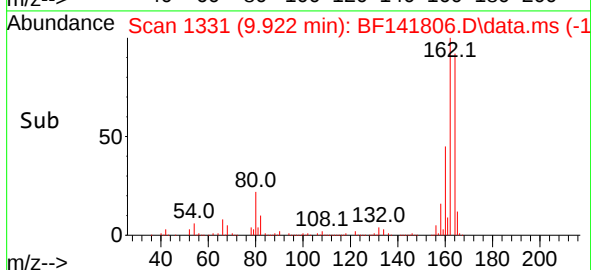
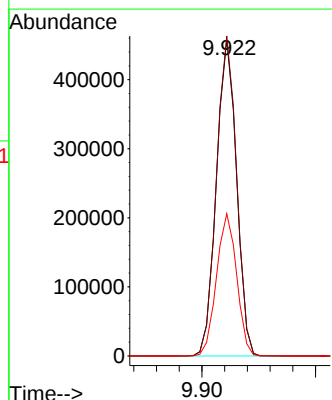
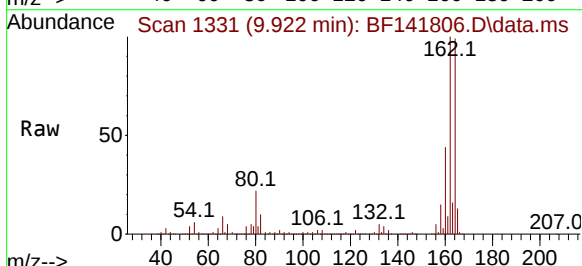
Tgt Ion:164 Resp: 563590

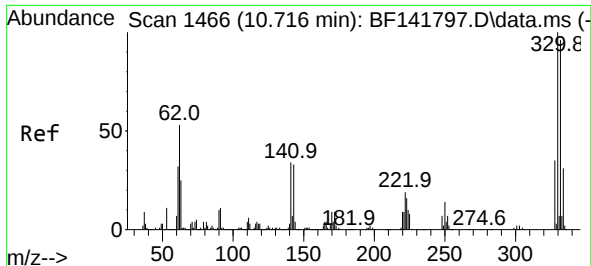
Ion Ratio Lower Upper

164 100

162 101.2 80.6 120.8

160 45.0 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 168.346 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF141806.D

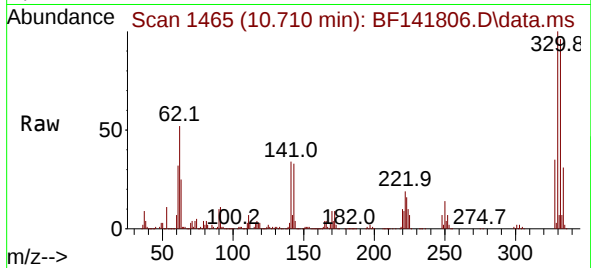
Acq: 28 Feb 2025 13:22

Instrument :

BNA_F

ClientSampleId :

P001-CLAY-CF01-02



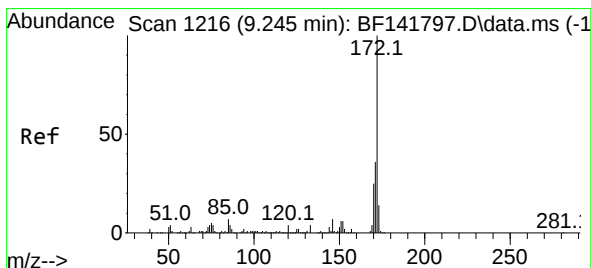
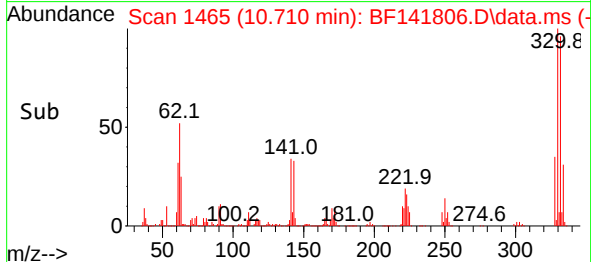
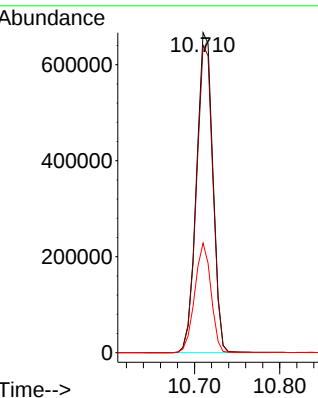
Tgt Ion:330 Resp: 890734

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

141 33.8 29.0 43.4



#45

2-Fluorobiphenyl

Concen: 90.800 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.000 min

Lab File: BF141806.D

Acq: 28 Feb 2025 13:22

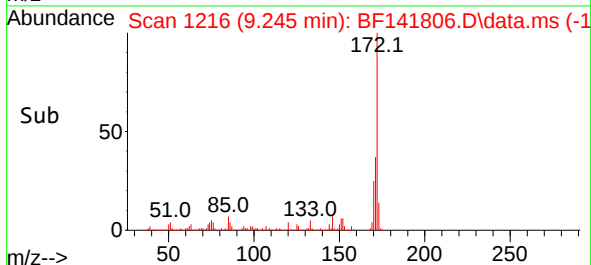
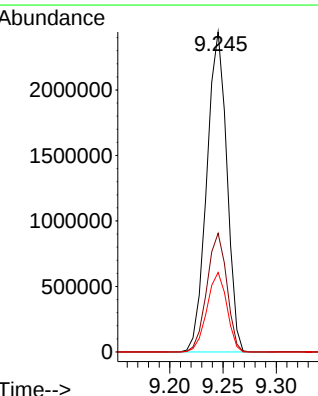
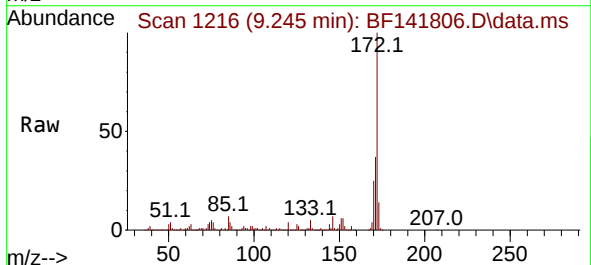
Tgt Ion:172 Resp: 3191505

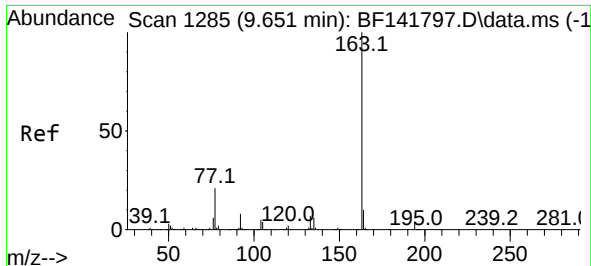
Ion Ratio Lower Upper

172 100

171 37.1 29.2 43.8

170 24.8 19.7 29.5

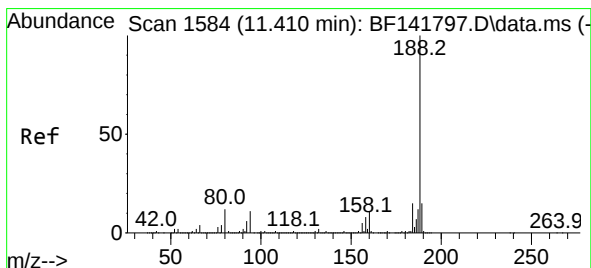
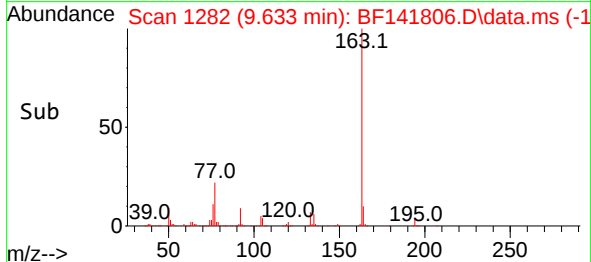
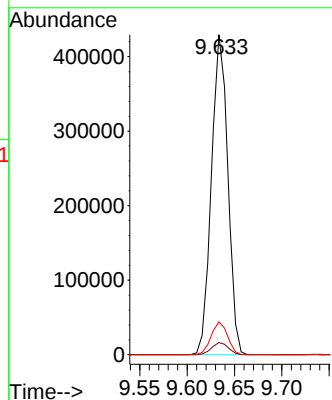
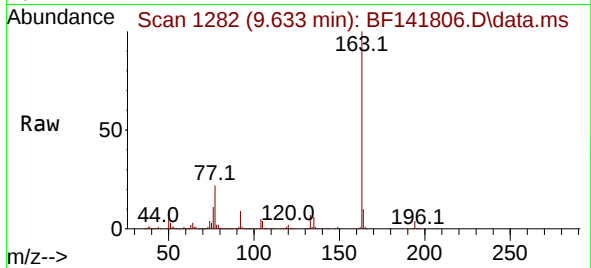




#50
Dimethylphthalate
Concen: 13.658 ng
RT: 9.633 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141806.D
Acq: 28 Feb 2025 13:22

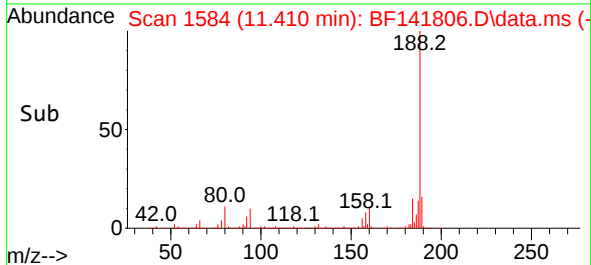
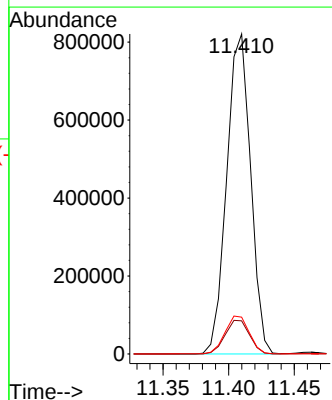
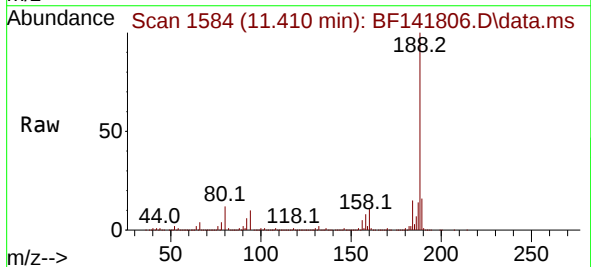
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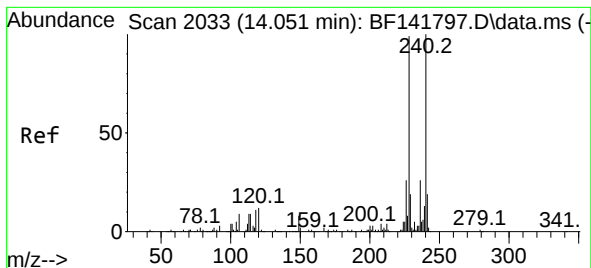
Tgt Ion:163 Resp: 515496
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.3 8.4 12.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF141806.D
Acq: 28 Feb 2025 13:22

Tgt Ion:188 Resp: 1041256
Ion Ratio Lower Upper
188 100
94 10.3 8.9 13.3
80 11.5 9.7 14.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF141806.D

Acq: 28 Feb 2025 13:22

Instrument :

BNA_F

ClientSampleId :

P001-CLAY-CF01-02

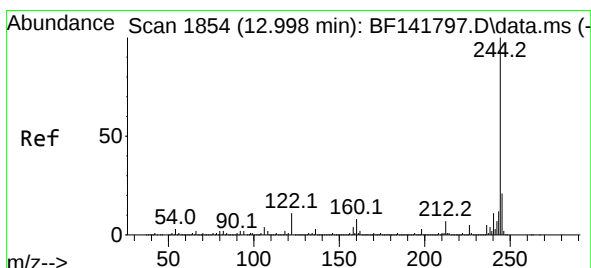
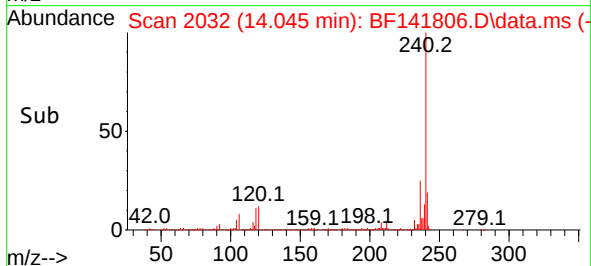
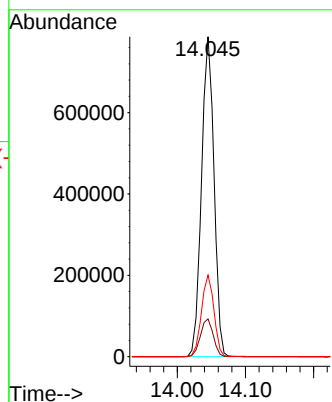
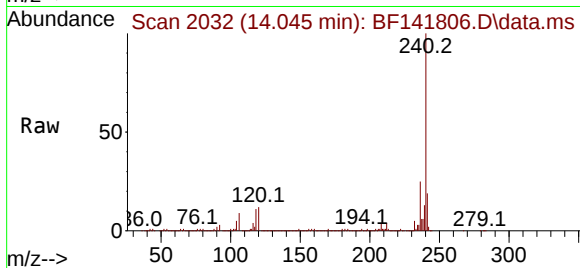
Tgt Ion:240 Resp: 1003213

Ion Ratio Lower Upper

240 100

120 11.8 9.7 14.5

236 25.5 21.0 31.4



#79

Terphenyl-d14

Concen: 77.651 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF141806.D

Acq: 28 Feb 2025 13:22

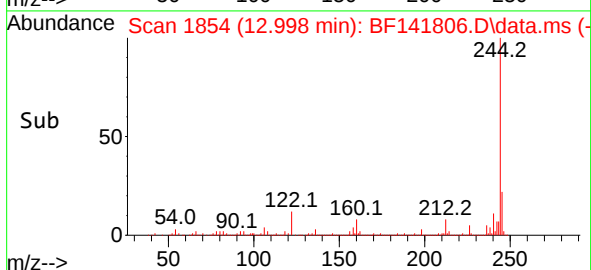
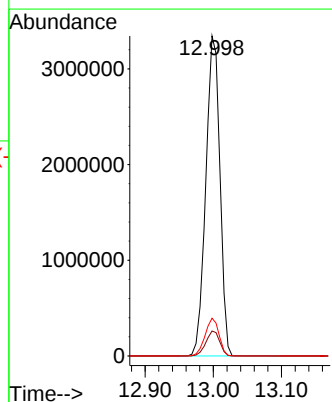
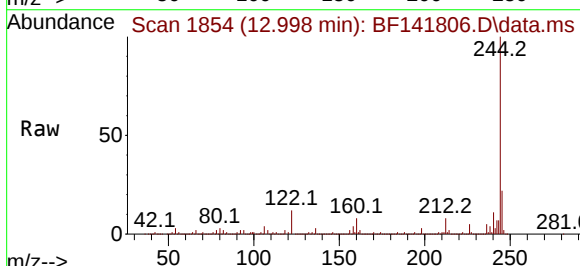
Tgt Ion:244 Resp: 4814860

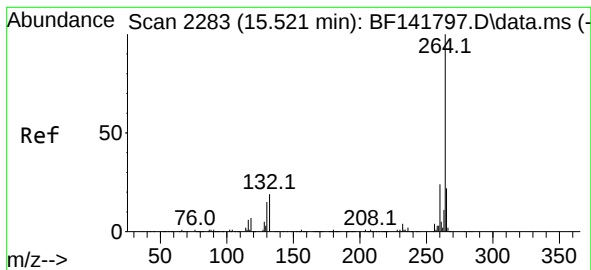
Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

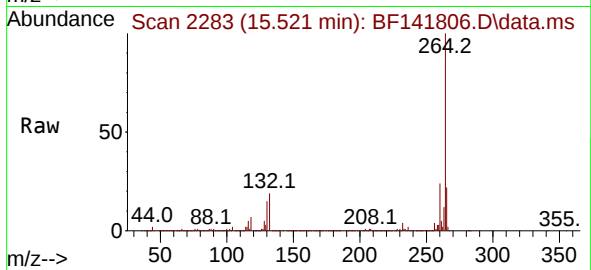
122 11.8 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF141806.D
 Acq: 28 Feb 2025 13:22

Instrument :
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Tgt Ion:264 Resp: 850977
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 21.9 17.4 26.0

