

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142165.D
 Acq On : 28 Mar 2025 17:34
 Operator : RC/JU
 Sample : Q1662-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Mar 28 18:07:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	141820	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	575993	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	330416	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	544742	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	318101	20.000	ng	0.00
86) Perylene-d12	15.510	264	333315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	729449	85.843	ng	0.00
7) Phenol-d6	6.493	99	906493	83.786	ng	-0.01
23) Nitrobenzene-d5	7.428	82	597049	58.333	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	108890	25.977	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1305644	60.095	ng	-0.01
79) Terphenyl-d14	12.980	244	1251340	58.159	ng	0.00

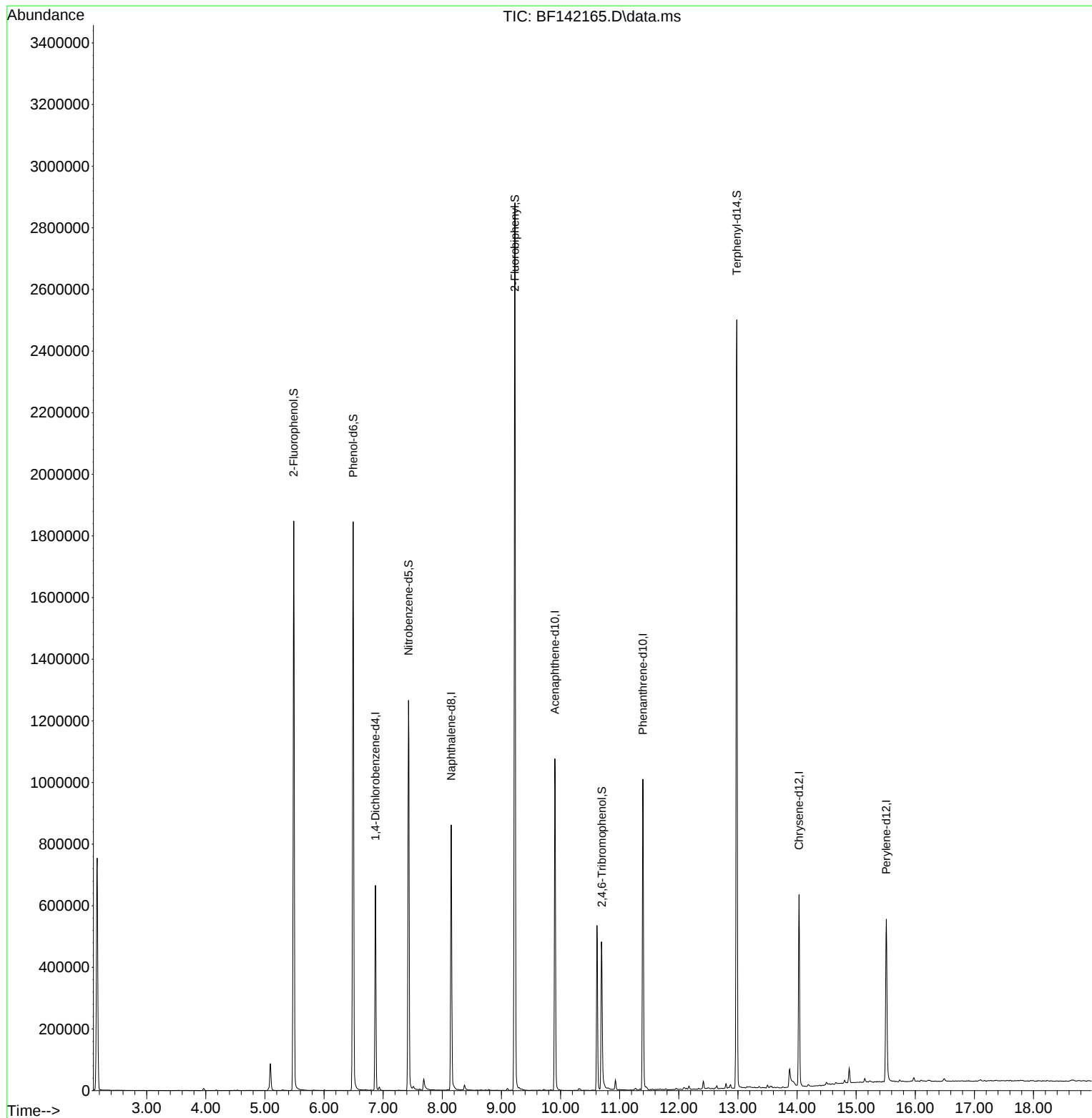
Target Compounds	Qvalue

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

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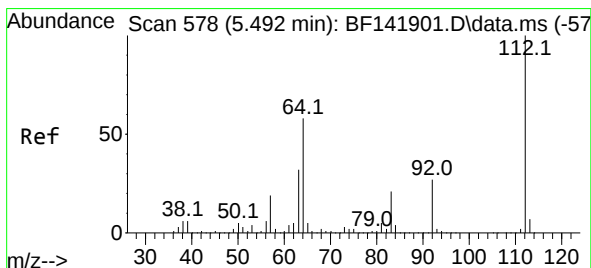
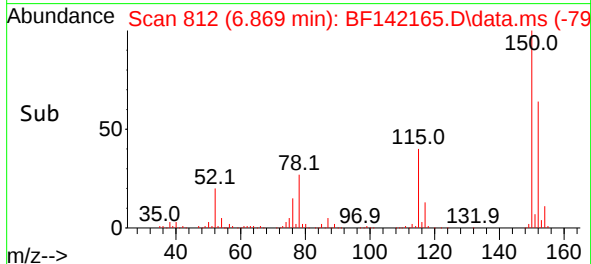
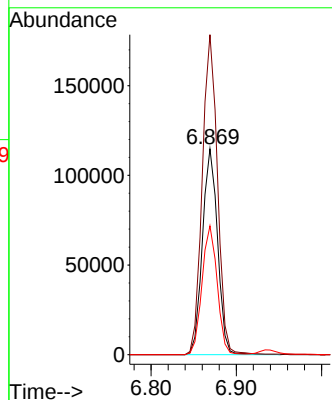
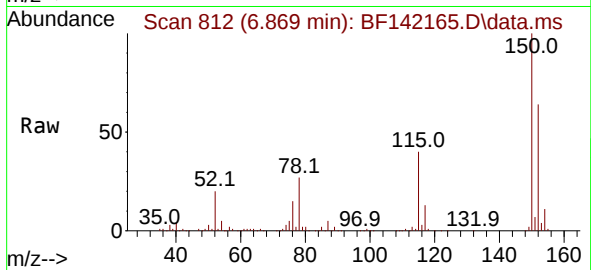




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142165.D
Acq: 28 Mar 2025 17:34

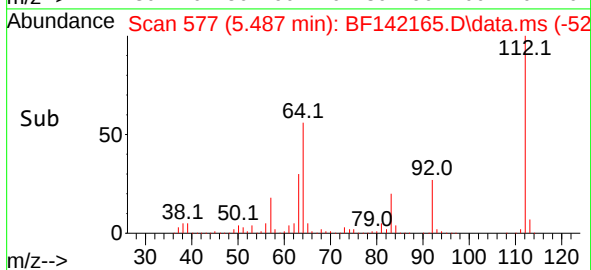
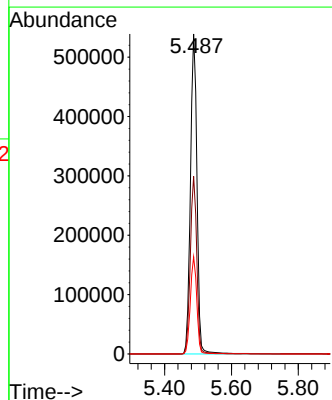
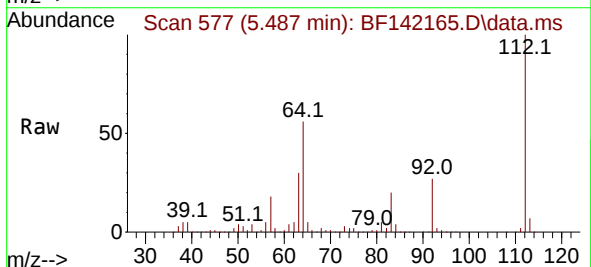
Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:152 Resp: 141820
Ion Ratio Lower Upper
152 100
150 155.4 127.4 191.2
115 62.6 51.9 77.9



#5
2-Fluorophenol
Concen: 85.843 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF142165.D
Acq: 28 Mar 2025 17:34

Tgt Ion:112 Resp: 729449
Ion Ratio Lower Upper
112 100
64 55.5 46.5 69.7
63 30.4 25.4 38.2

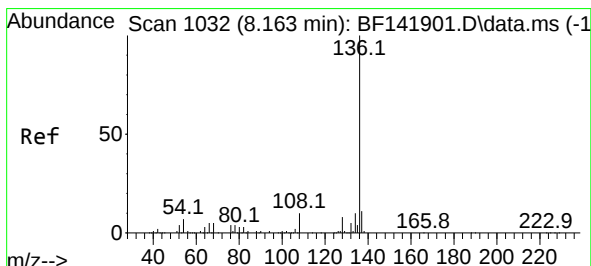
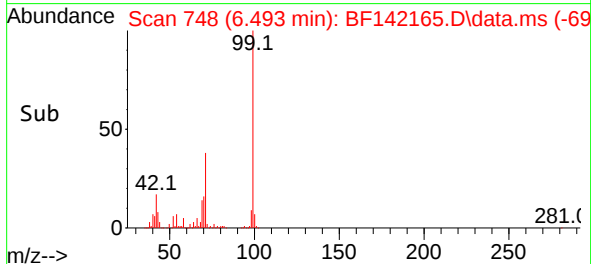
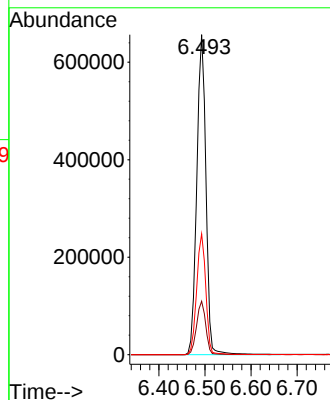
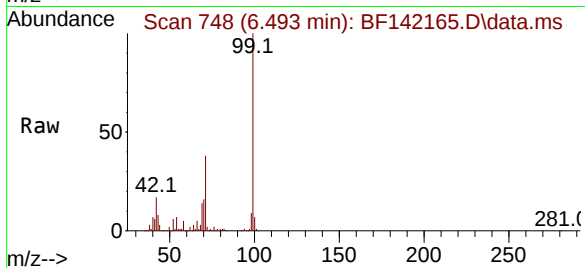




#7
Phenol-d6
Concen: 83.786 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142165.D
Acq: 28 Mar 2025 17:34

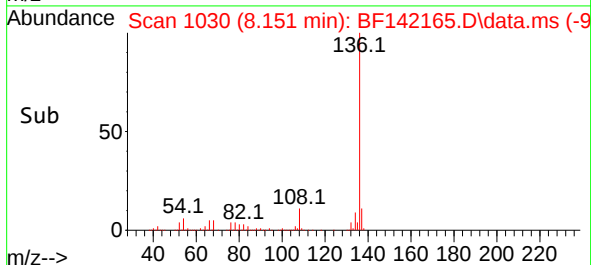
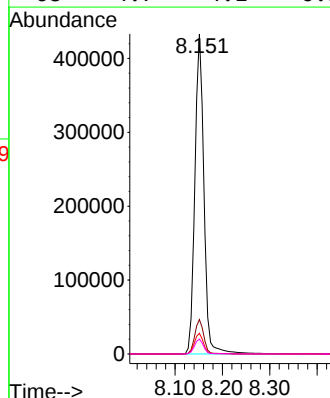
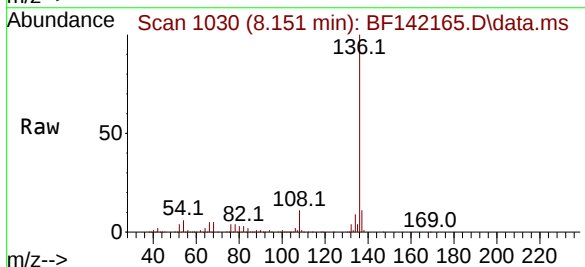
Instrument :
BNA_F
ClientSampleId :
TP-6

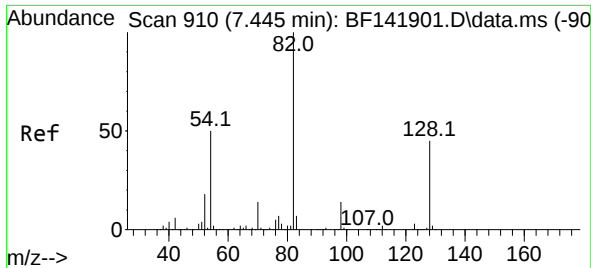
Tgt Ion: 99 Resp: 906493
Ion Ratio Lower Upper
99 100
42 16.7 14.6 21.8
71 37.8 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142165.D
Acq: 28 Mar 2025 17:34

Tgt Ion: 136 Resp: 575993
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.5 5.8 8.8
68 4.7 4.1 6.1

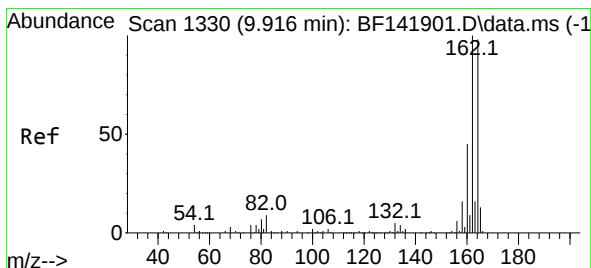
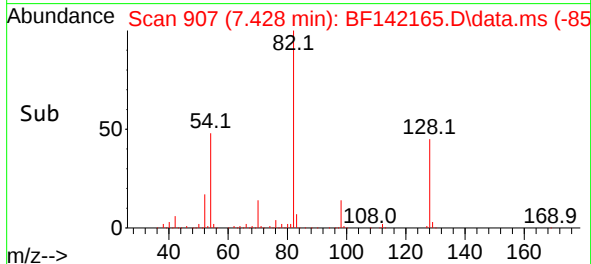
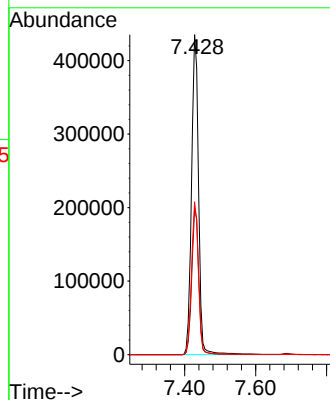
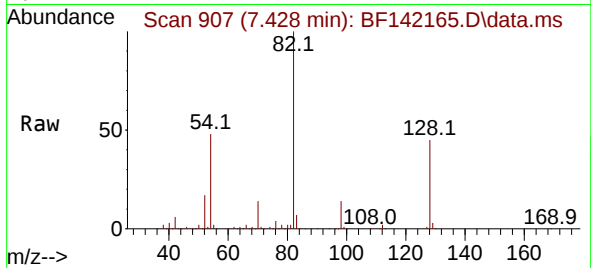




#23
Nitrobenzene-d5
Concen: 58.333 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.017 min
Lab File: BF142165.D
Acq: 28 Mar 2025 17:34

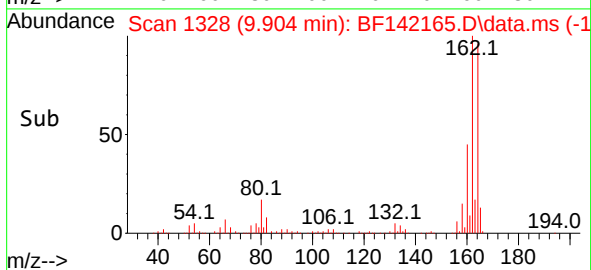
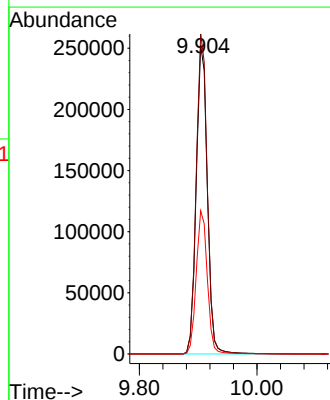
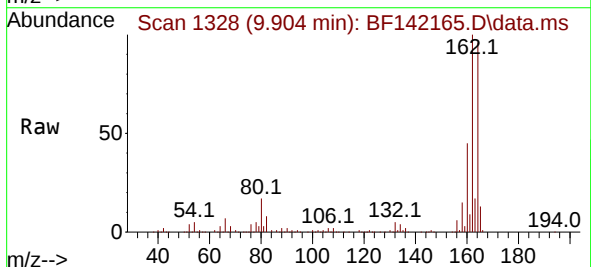
Instrument :
BNA_F
ClientSampleId :
TP-6

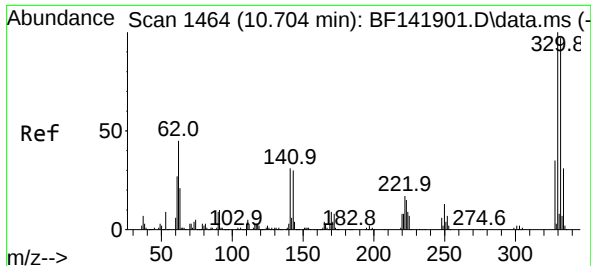
Tgt Ion: 82 Resp: 597049
Ion Ratio Lower Upper
82 100
128 45.5 36.0 54.0
54 47.8 39.6 59.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF142165.D
Acq: 28 Mar 2025 17:34

Tgt Ion:164 Resp: 330416
Ion Ratio Lower Upper
164 100
162 103.7 81.8 122.6
160 46.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 25.977 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142165.D

Acq: 28 Mar 2025 17:34

Instrument :

BNA_F

ClientSampleId :

TP-6

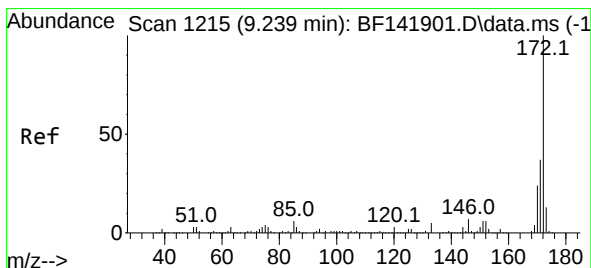
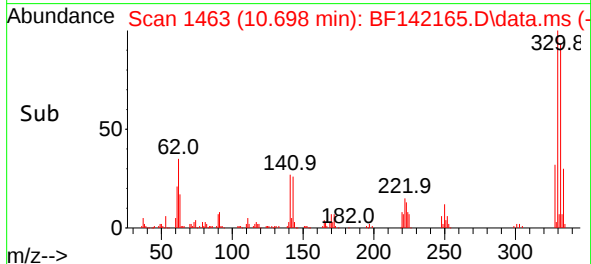
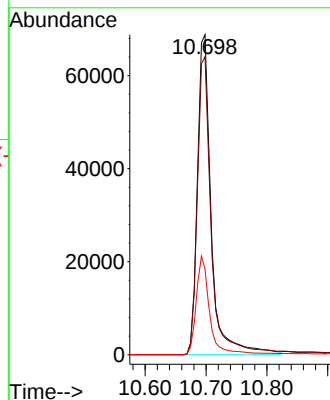
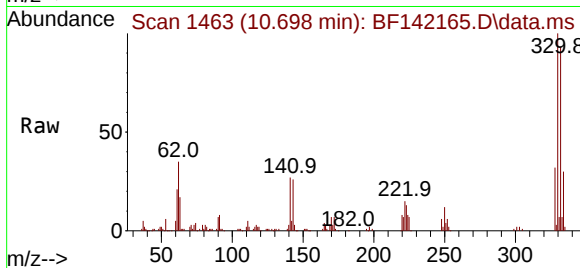
Tgt Ion:330 Resp: 108890

Ion Ratio Lower Upper

330 100

332 95.5 77.6 116.4

141 30.5 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 60.095 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142165.D

Acq: 28 Mar 2025 17:34

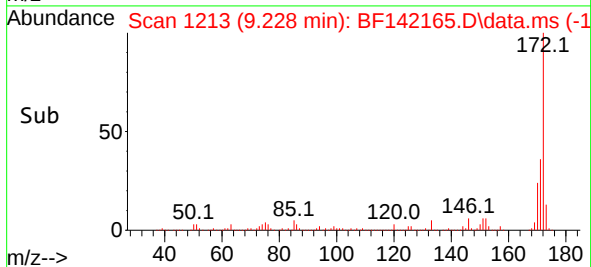
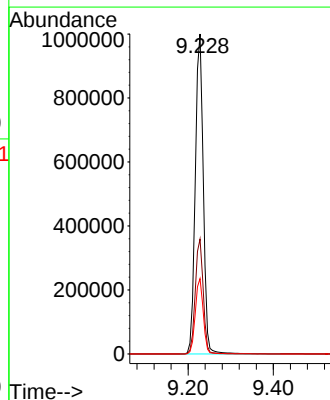
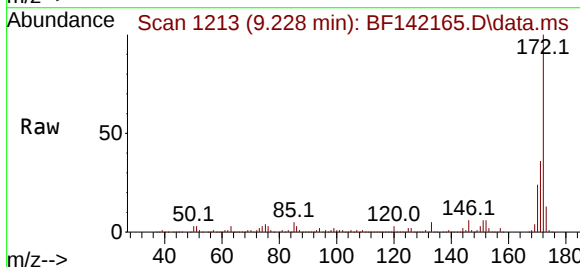
Tgt Ion:172 Resp: 1305644

Ion Ratio Lower Upper

172 100

171 35.9 29.3 43.9

170 23.6 19.4 29.0

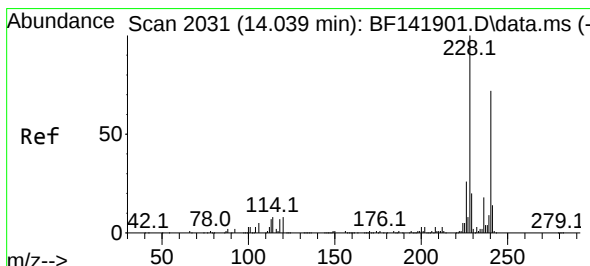
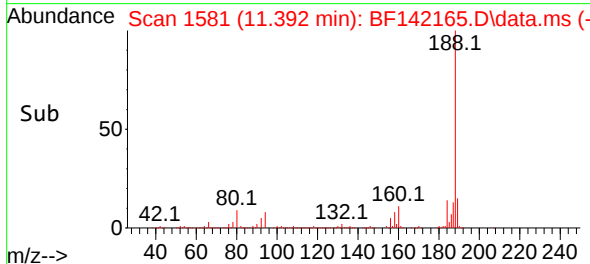
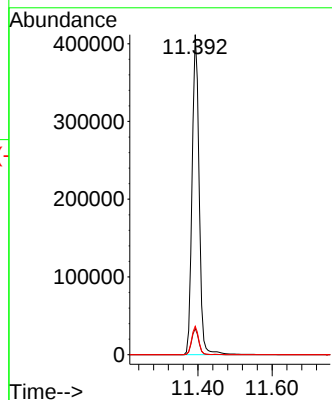
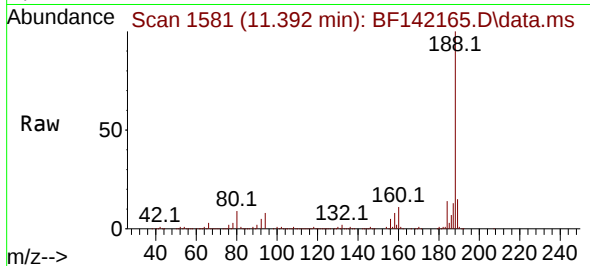




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142165.D
Acq: 28 Mar 2025 17:34

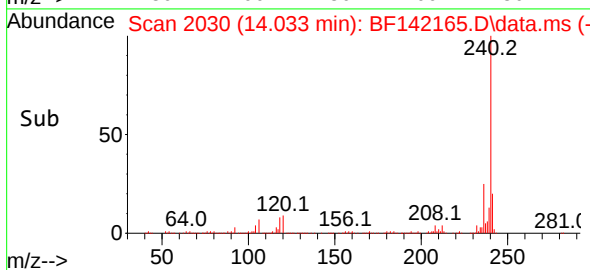
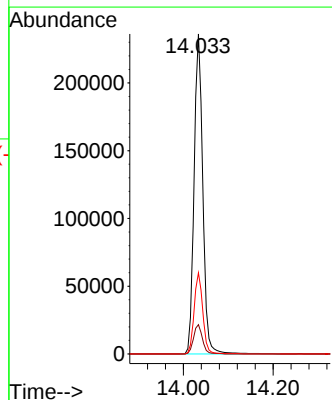
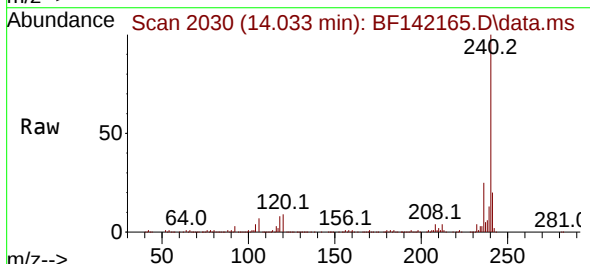
Instrument :
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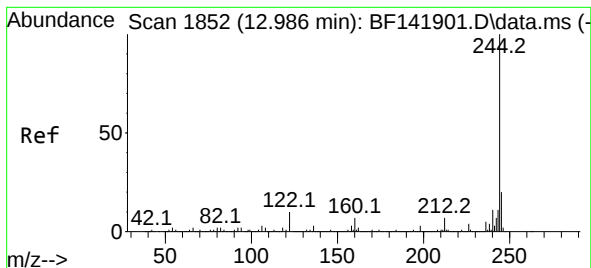
Tgt Ion:188 Resp: 544742
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142165.D
Acq: 28 Mar 2025 17:34

Tgt Ion:240 Resp: 318101
Ion Ratio Lower Upper
240 100
120 9.2 8.4 12.6
236 25.4 20.5 30.7





#79

Terphenyl-d14

Concen: 58.159 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142165.D

Acq: 28 Mar 2025 17:34

Instrument :

BNA_F

ClientSampleId :

TP-6

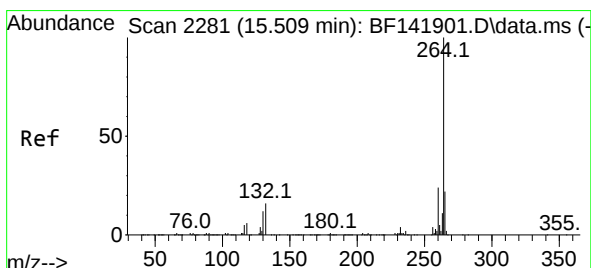
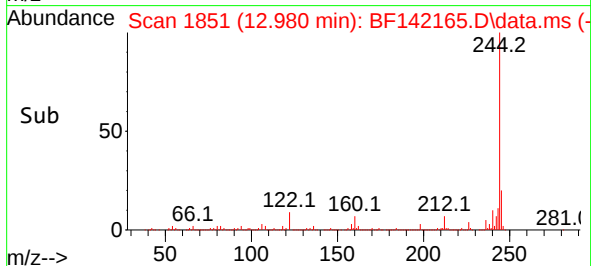
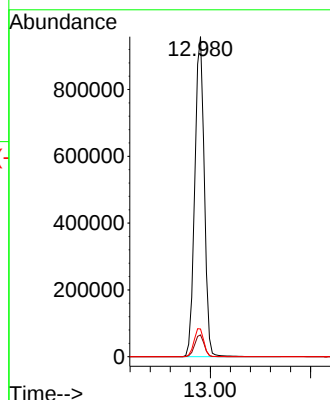
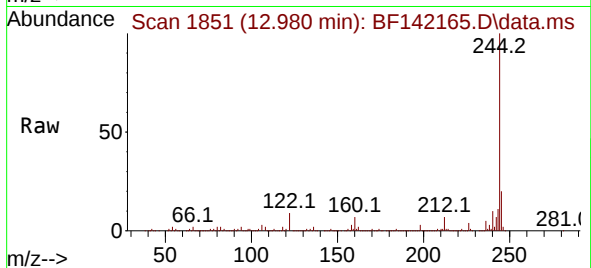
Tgt Ion:244 Resp: 1251340

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 8.7 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142165.D

Acq: 28 Mar 2025 17:34

Tgt Ion:264 Resp: 333315

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 21.2 17.5 26.3

