

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141861.D
Acq On : 06 Mar 2025 11:21
Operator : RC/JU
Sample : PB166982BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166982BL

Quant Time: Mar 06 11:43:40 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	212037	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	840031	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	466101	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	808511	20.000	ng	0.00
76) Chrysene-d12	14.039	240	646602	20.000	ng	-0.01
86) Perylene-d12	15.510	264	495069	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1727468	130.107	ng	0.01
7) Phenol-d6	6.504	99	2126999	123.079	ng	0.00
23) Nitrobenzene-d5	7.445	82	1428020	108.662	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	752761	172.027	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	2730516	93.933	ng	0.00
79) Terphenyl-d14	12.992	244	3482297	87.134	ng	0.00

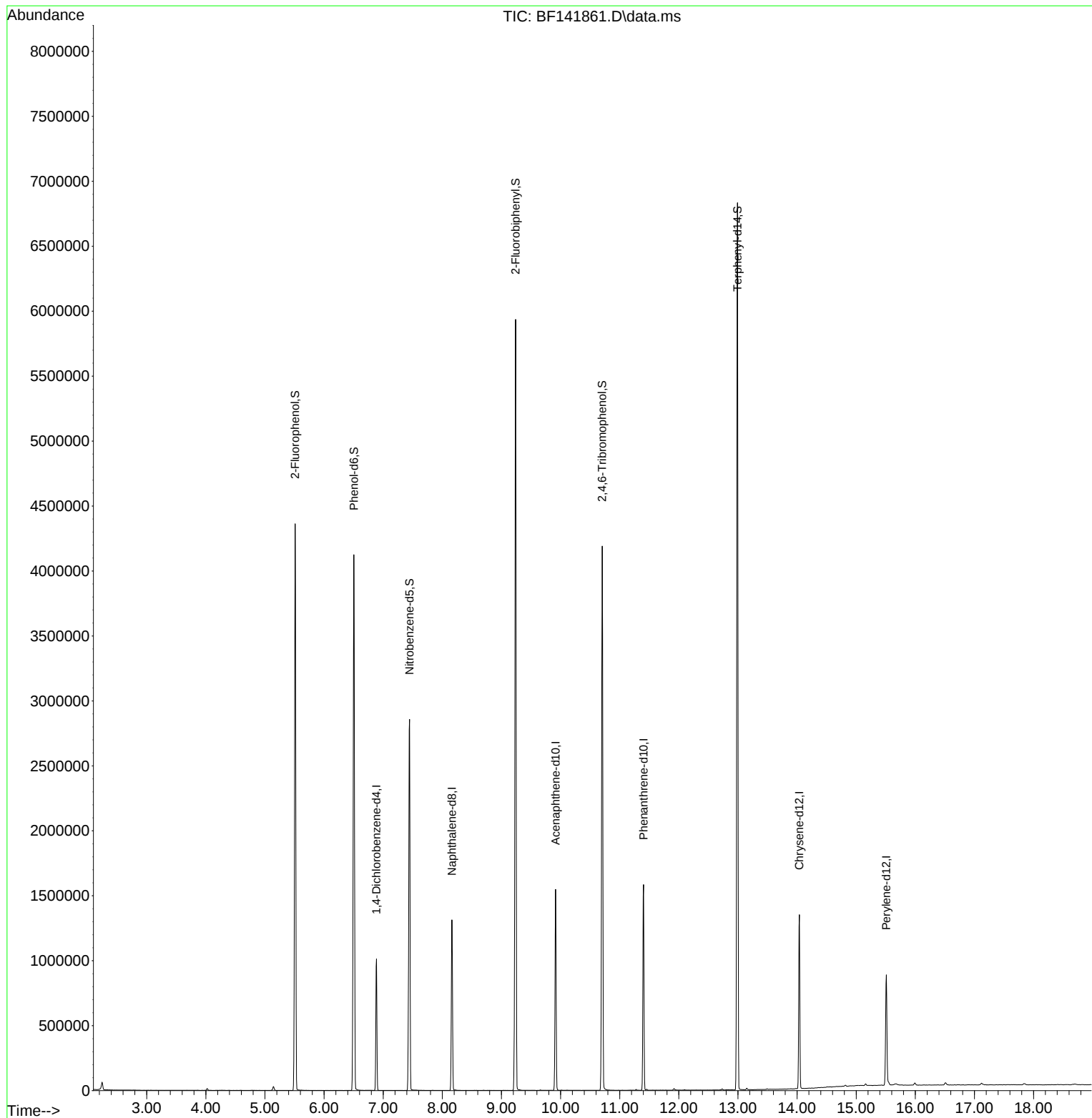
Target Compounds	Qvalue

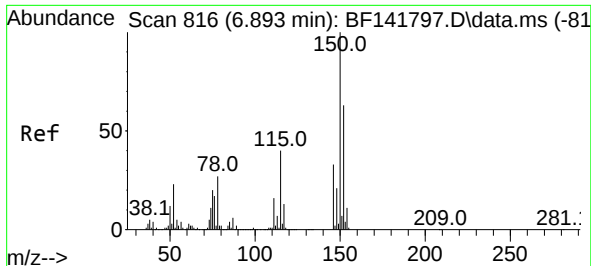
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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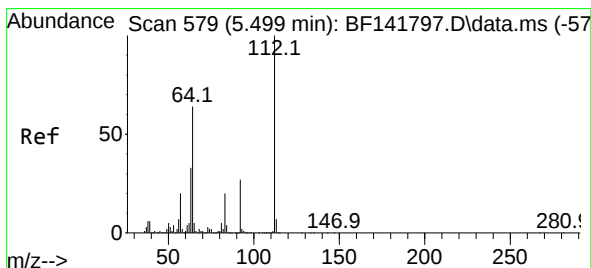
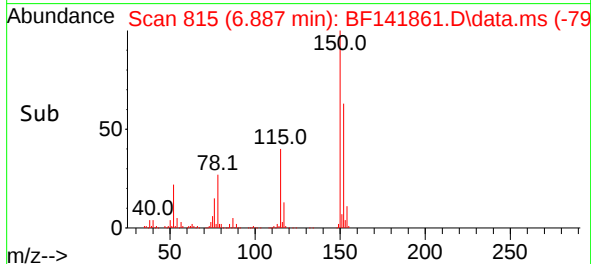
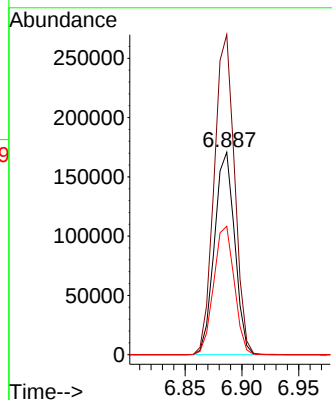
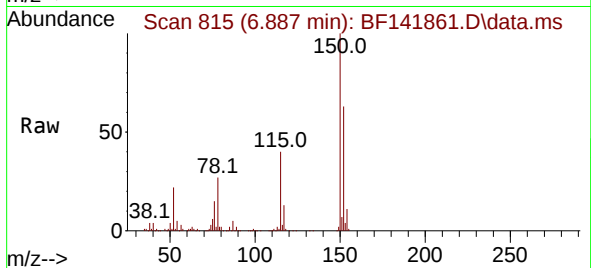




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF141861.D
 Acq: 06 Mar 2025 11:21

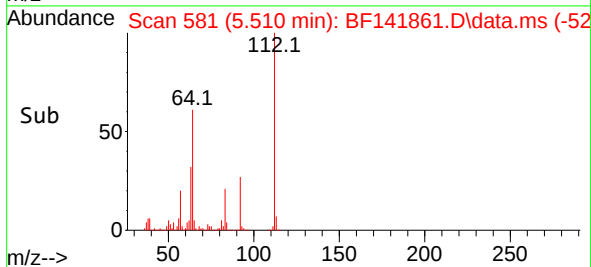
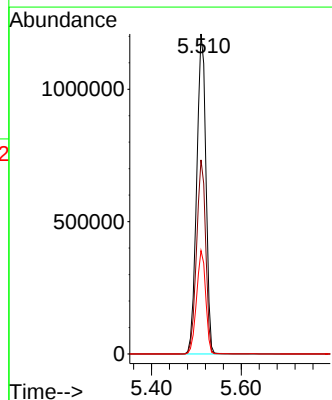
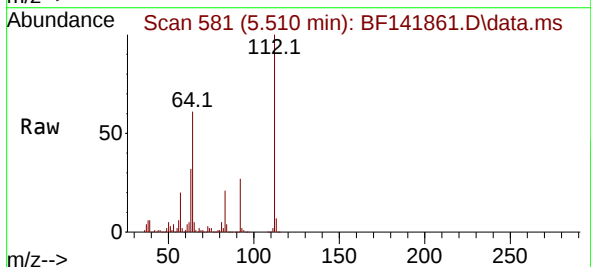
Instrument :
 BNA_F
 ClientSampleId :
 PB166982BL

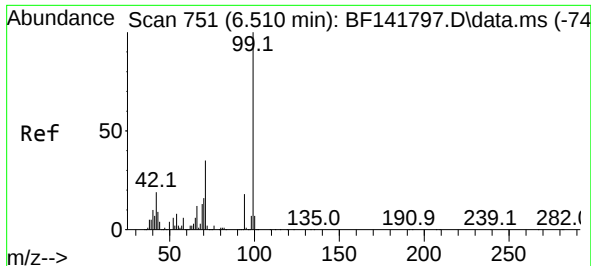
Tgt Ion:152 Resp: 212037
 Ion Ratio Lower Upper
 152 100
 150 158.0 127.5 191.3
 115 63.4 51.4 77.2



#5
 2-Fluorophenol
 Concen: 130.107 ng
 RT: 5.510 min Scan# 581
 Delta R.T. 0.012 min
 Lab File: BF141861.D
 Acq: 06 Mar 2025 11:21

Tgt Ion:112 Resp: 1727468
 Ion Ratio Lower Upper
 112 100
 64 60.7 51.3 76.9
 63 32.3 26.2 39.4

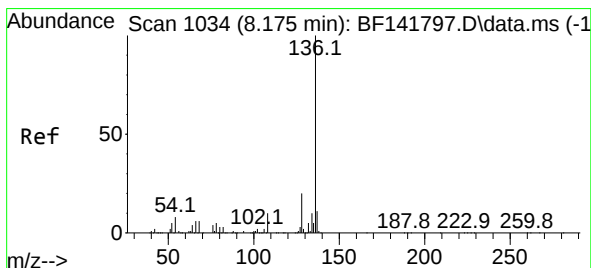
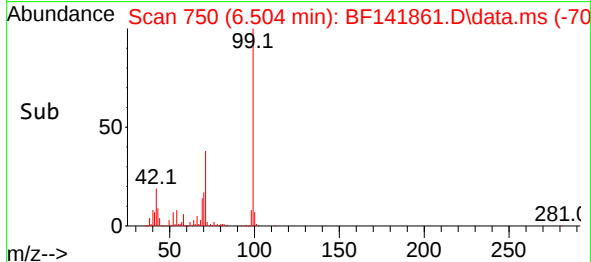
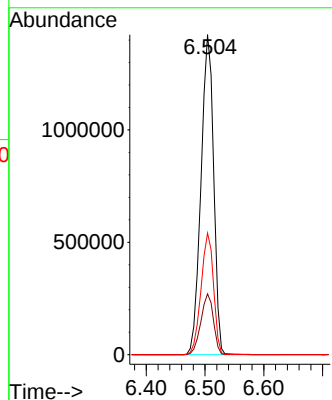
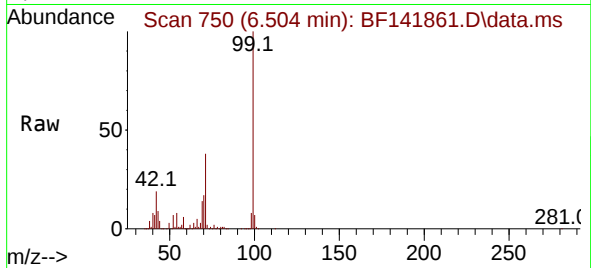




#7
Phenol-d6
Concen: 123.079 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141861.D
Acq: 06 Mar 2025 11:21

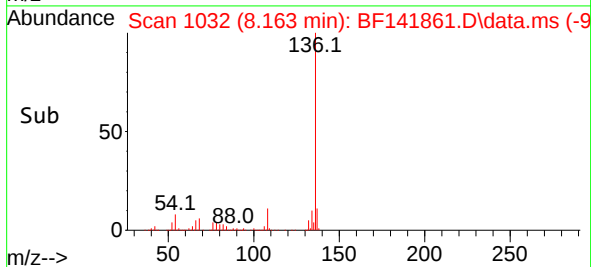
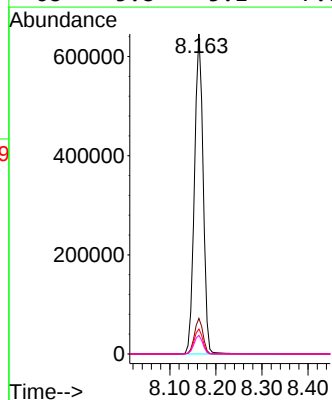
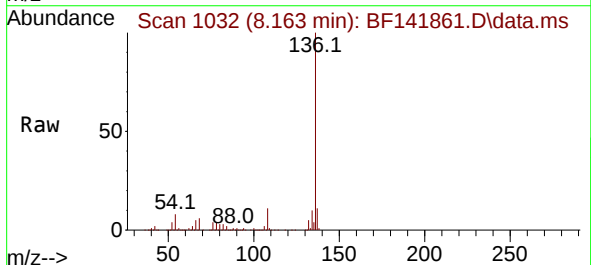
Instrument :
BNA_F
ClientSampleId :
PB166982BL

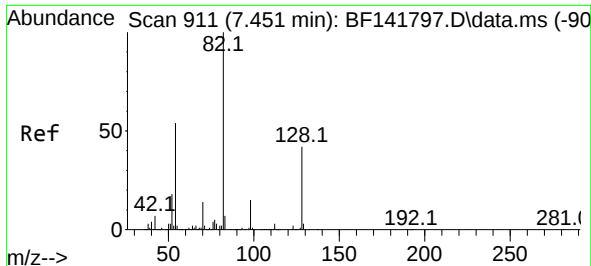
Tgt Ion: 99 Resp: 2126999
Ion Ratio Lower Upper
99 100
42 19.0 15.2 22.8
71 38.0 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141861.D
Acq: 06 Mar 2025 11:21

Tgt Ion: 136 Resp: 840031
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.8 6.9 10.3
68 5.8 5.1 7.7





#23

Nitrobenzene-d5

Concen: 108.662 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141861.D

Acq: 06 Mar 2025 11:21

Instrument :

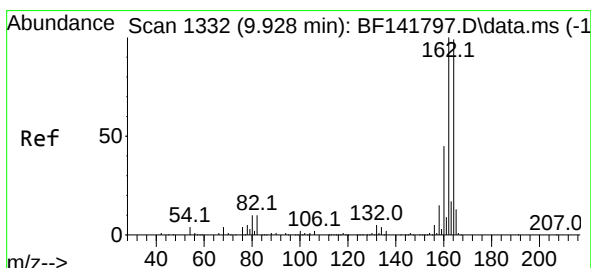
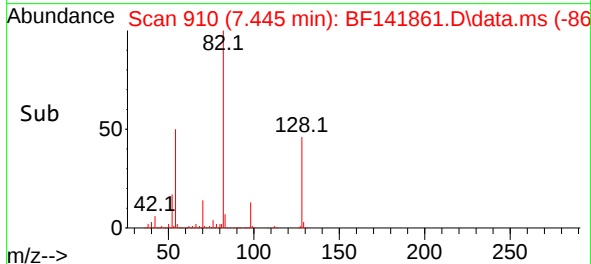
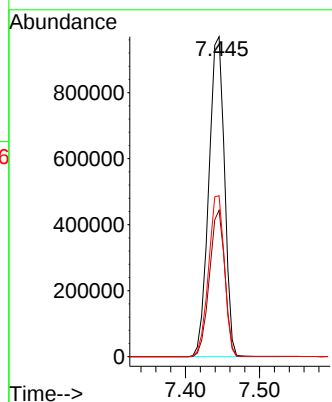
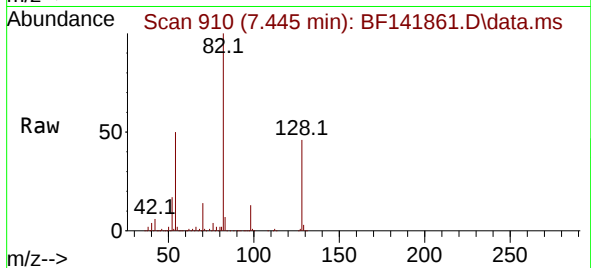
BNA_F

ClientSampleId :

PB166982BL

Tgt Ion: 82 Resp: 1428020

Ion	Ratio	Lower	Upper
82	100		
128	45.8	33.5	50.3
54	50.3	42.7	64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

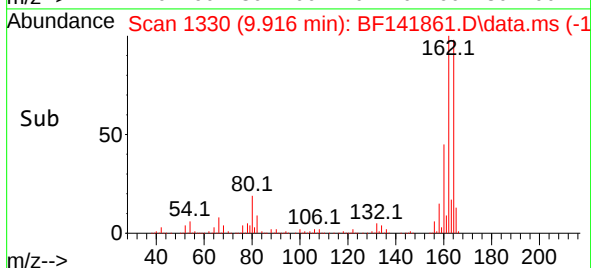
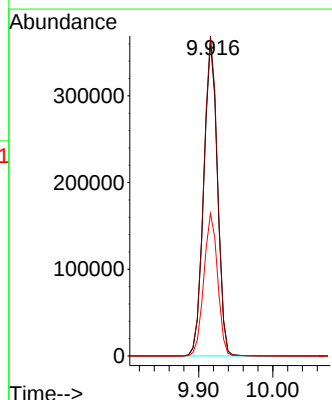
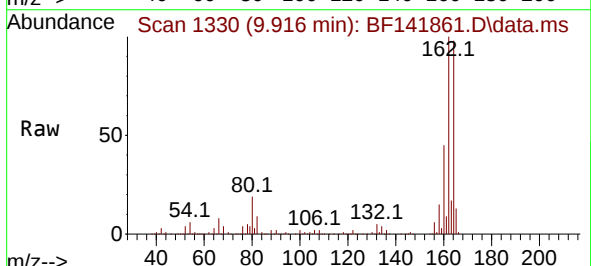
Delta R.T. -0.012 min

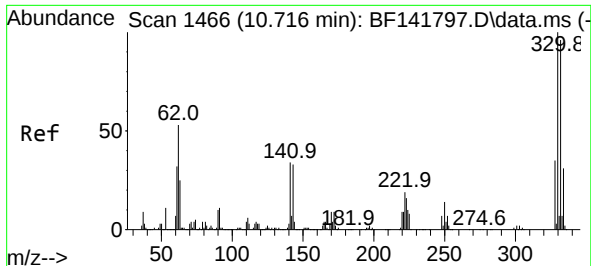
Lab File: BF141861.D

Acq: 06 Mar 2025 11:21

Tgt Ion: 164 Resp: 466101

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	120.8
160	45.4	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 172.027 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.012 min

Lab File: BF141861.D

Acq: 06 Mar 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166982BL

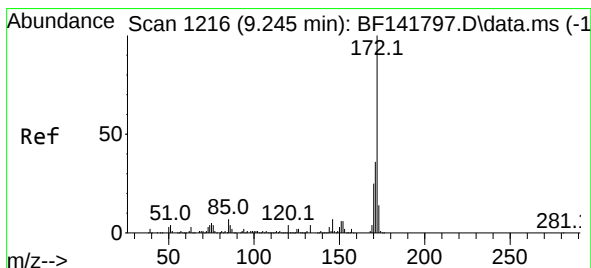
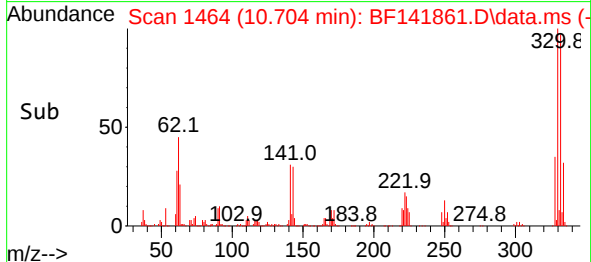
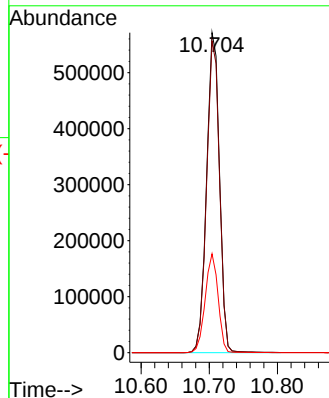
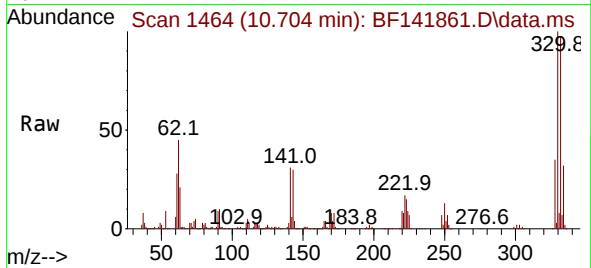
Tgt Ion:330 Resp: 752761

Ion Ratio Lower Upper

330 100

332 97.4 76.6 115.0

141 31.0 29.0 43.4



#45

2-Fluorobiphenyl

Concen: 93.933 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141861.D

Acq: 06 Mar 2025 11:21

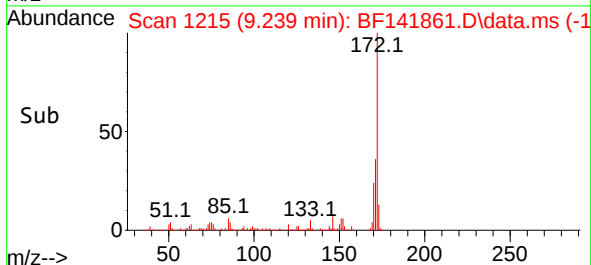
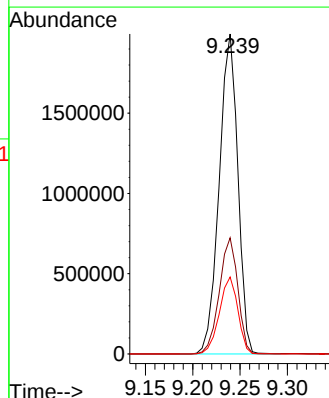
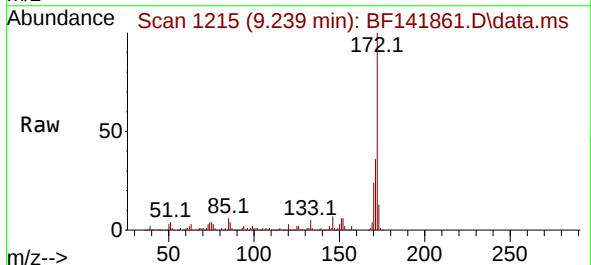
Tgt Ion:172 Resp: 2730516

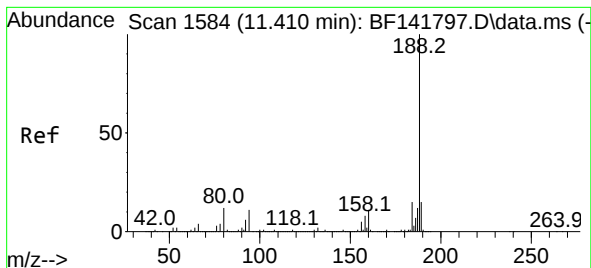
Ion Ratio Lower Upper

172 100

171 36.3 29.2 43.8

170 24.1 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141861.D

Acq: 06 Mar 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166982BL

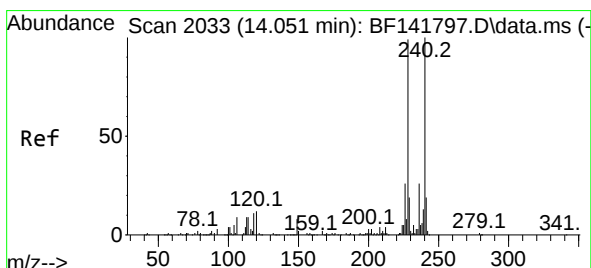
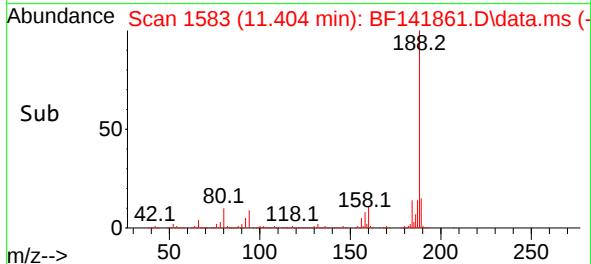
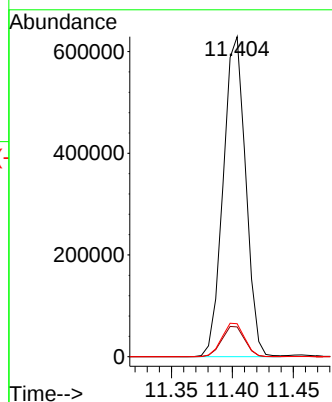
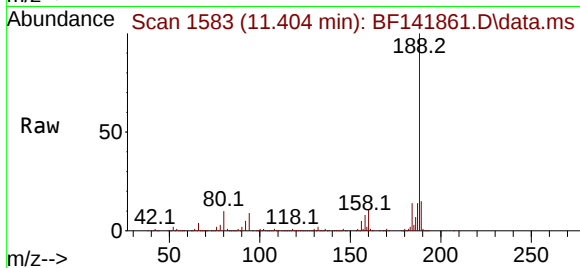
Tgt Ion:188 Resp: 808511

Ion Ratio Lower Upper

188 100

94 9.3 8.9 13.3

80 10.3 9.7 14.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF141861.D

Acq: 06 Mar 2025 11:21

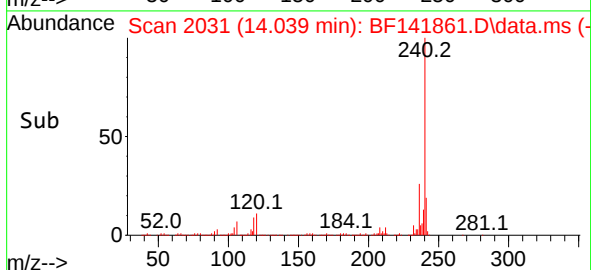
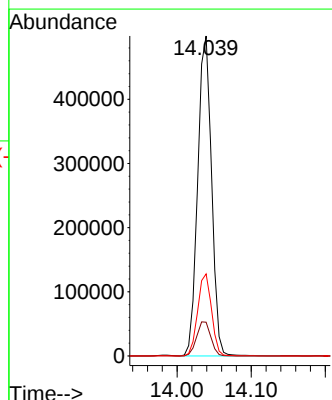
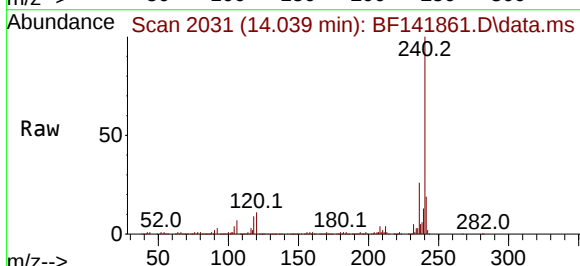
Tgt Ion:240 Resp: 646602

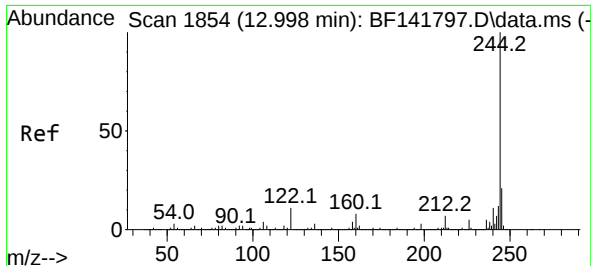
Ion Ratio Lower Upper

240 100

120 10.6 9.7 14.5

236 25.6 21.0 31.4

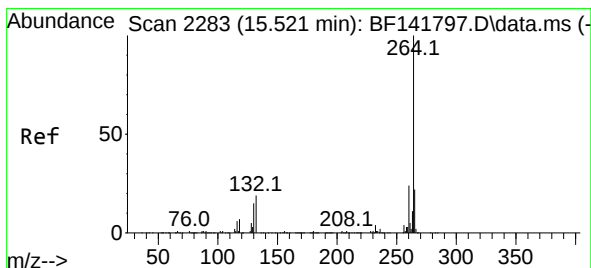
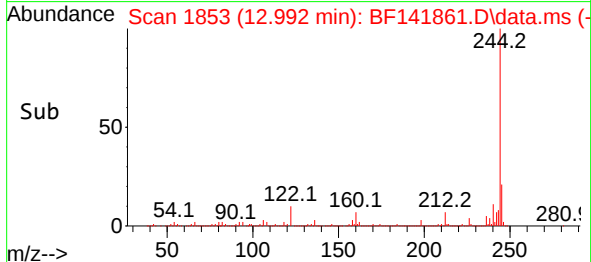
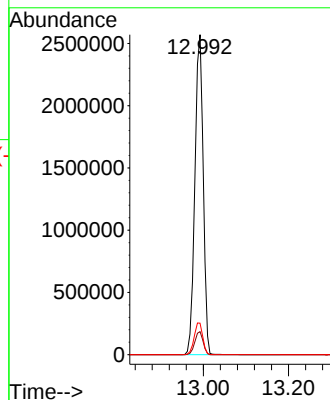
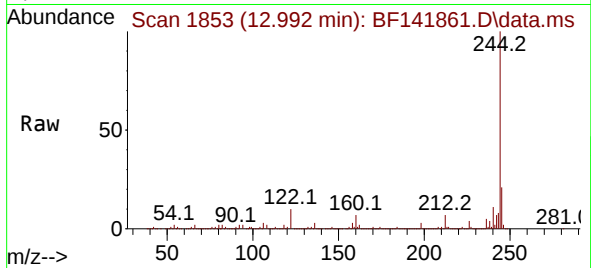




#79
 Terphenyl-d14
 Concen: 87.134 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF141861.D
 Acq: 06 Mar 2025 11:21

Instrument :
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 PB166982BL

Tgt Ion:244 Resp: 3482297
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.8 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. -0.012 min
 Lab File: BF141861.D
 Acq: 06 Mar 2025 11:21

Tgt Ion:264 Resp: 495069
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.6 17.4 26.0

