

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142164.D
 Acq On : 28 Mar 2025 17:05
 Operator : RC/JU
 Sample : Q1662-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Mar 28 17:36:59 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	132521	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	540470	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	313426	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	505728	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	294625	20.000	ng	0.00
86) Perylene-d12	15.509	264	303757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1045780	131.705	ng	0.00
7) Phenol-d6	6.498	99	1186544	117.366	ng	0.00
23) Nitrobenzene-d5	7.434	82	954527	99.389	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	584208	146.925	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2047413	99.345	ng	-0.01
79) Terphenyl-d14	12.980	244	1954822	98.095	ng	0.00

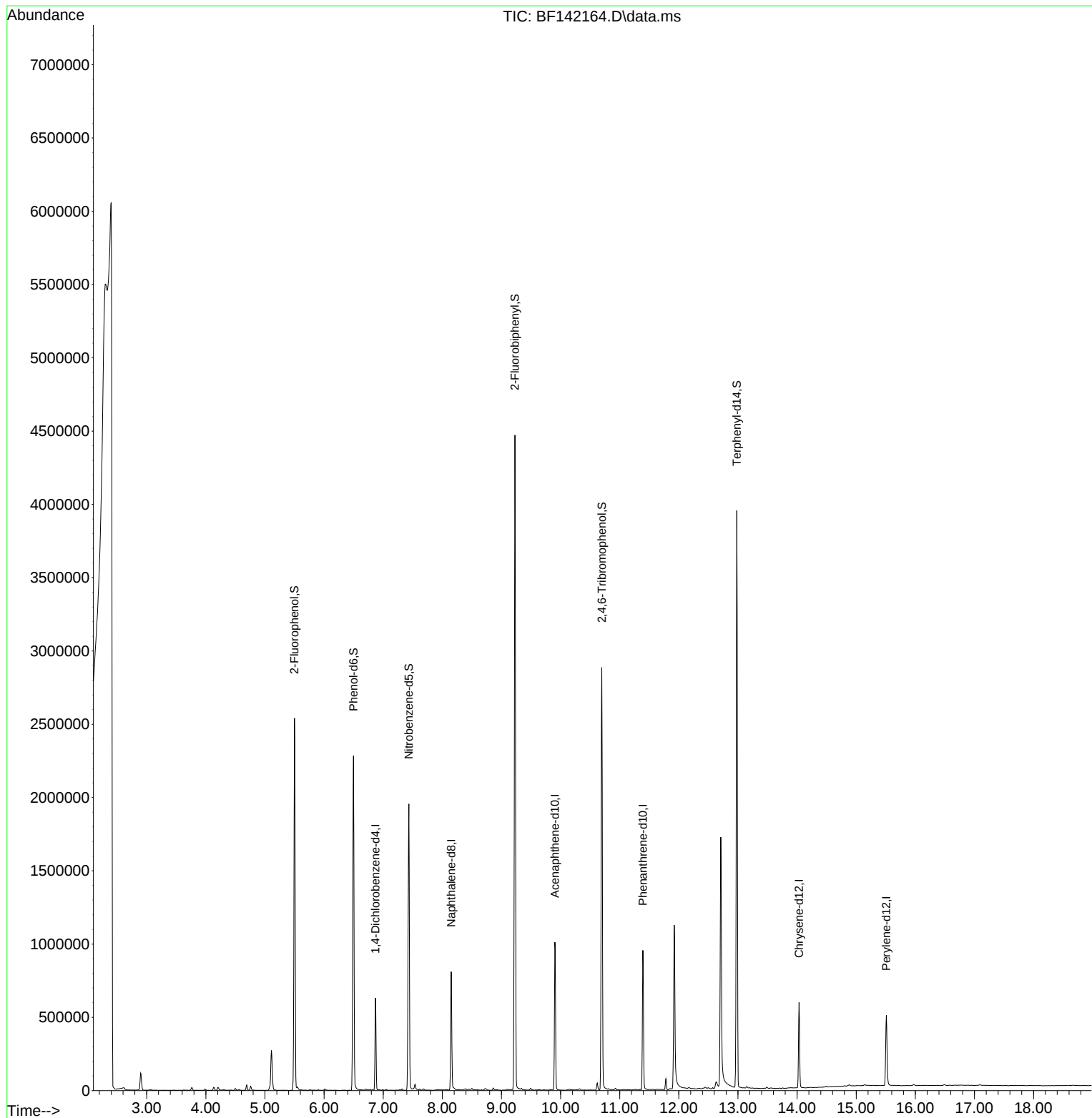
Target Compounds	Qvalue

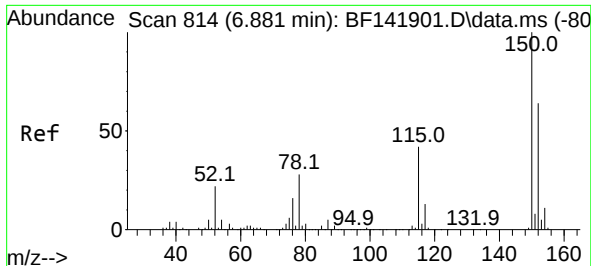
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142164.D
Acq On : 28 Mar 2025 17:05
Operator : RC/JU
Sample : Q1662-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

Quant Time: Mar 28 17:36:59 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

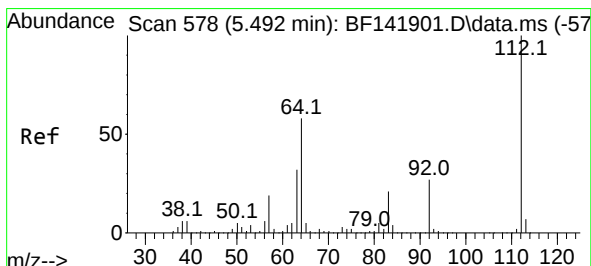
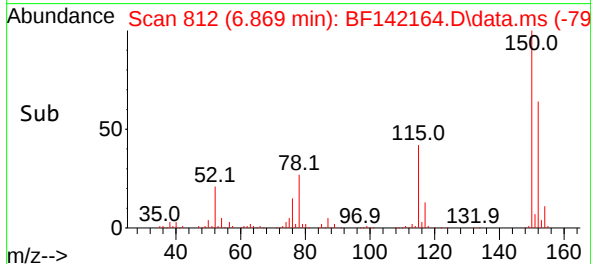
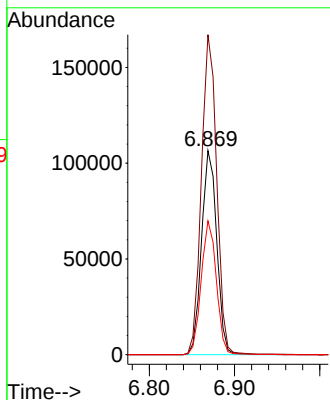
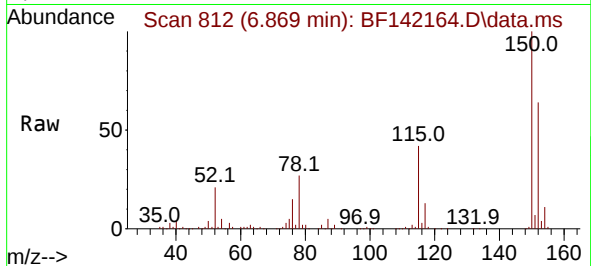




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142164.D
Acq: 28 Mar 2025 17:05

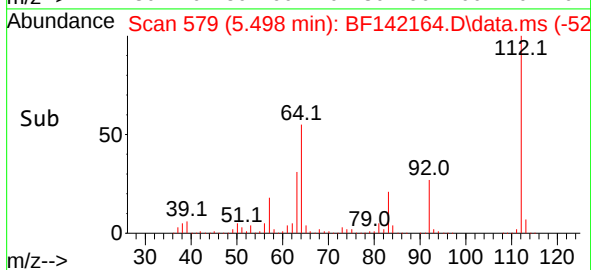
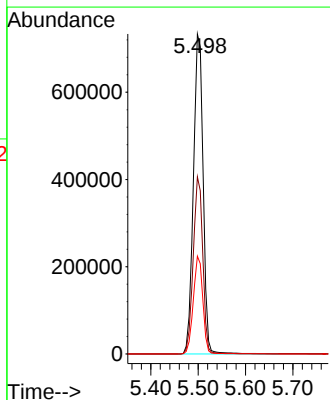
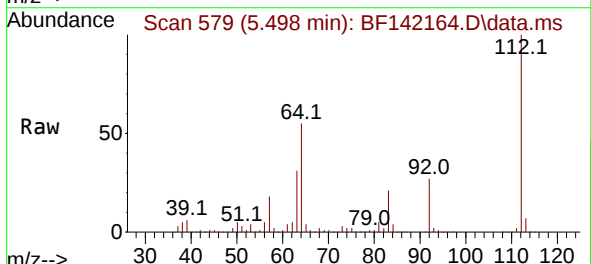
Instrument :
BNA_F
ClientSampleId :
TP-7

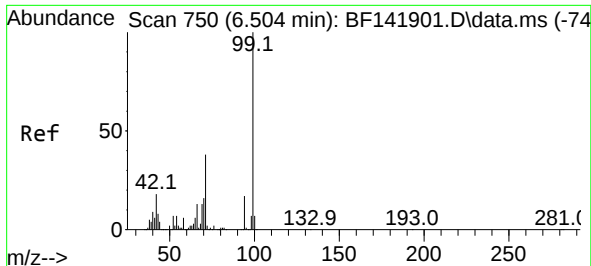
Tgt Ion:152 Resp: 132521
Ion Ratio Lower Upper
152 100
150 156.9 127.4 191.2
115 65.6 51.9 77.9



#5
2-Fluorophenol
Concen: 131.705 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF142164.D
Acq: 28 Mar 2025 17:05

Tgt Ion:112 Resp: 1045780
Ion Ratio Lower Upper
112 100
64 55.4 46.5 69.7
63 30.5 25.4 38.2



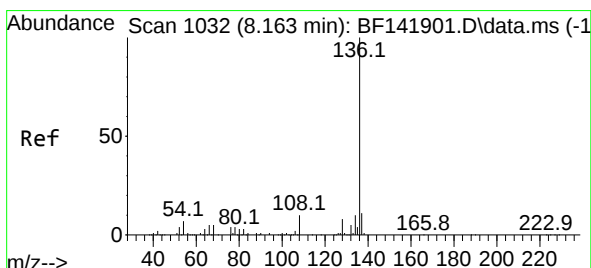
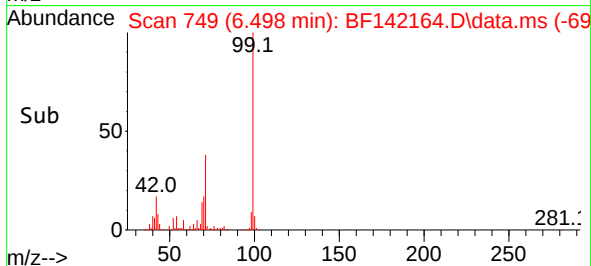
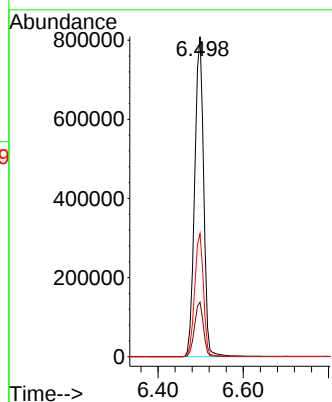
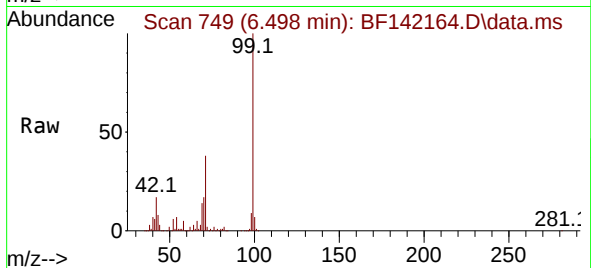


#7
Phenol-d6
Concen: 117.366 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142164.D
Acq: 28 Mar 2025 17:05

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion: 99 Resp: 1186544

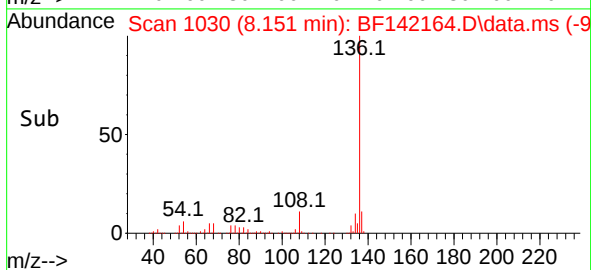
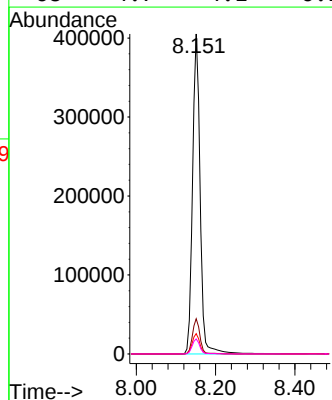
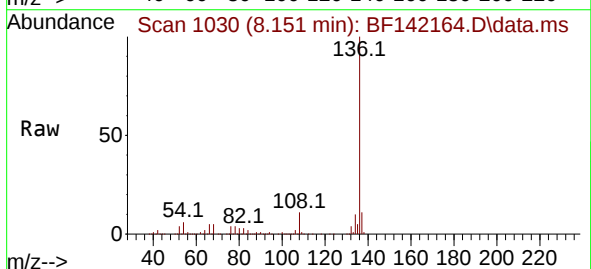
Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.6	21.8
71	38.4	30.8	46.2

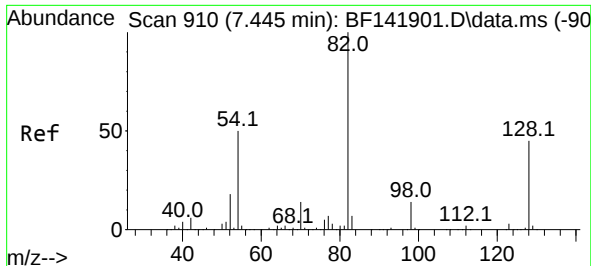


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142164.D
Acq: 28 Mar 2025 17:05

Tgt Ion: 136 Resp: 540470

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.4	5.8	8.8
68	4.7	4.1	6.1





#23

Nitrobenzene-d5

Concen: 99.389 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142164.D

Acq: 28 Mar 2025 17:05

Instrument :

BNA_F

ClientSampleId :

TP-7

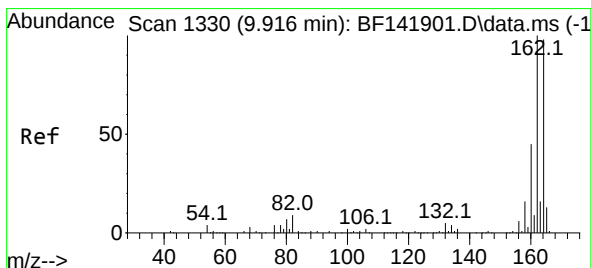
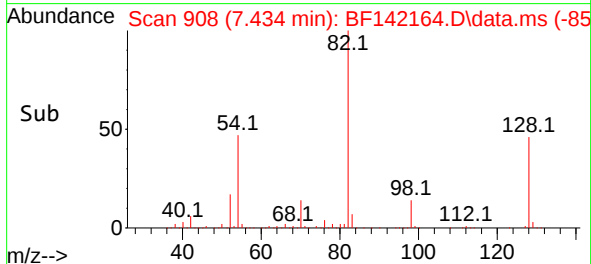
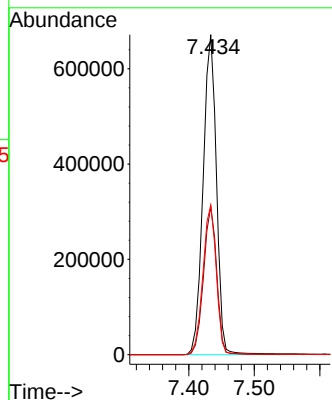
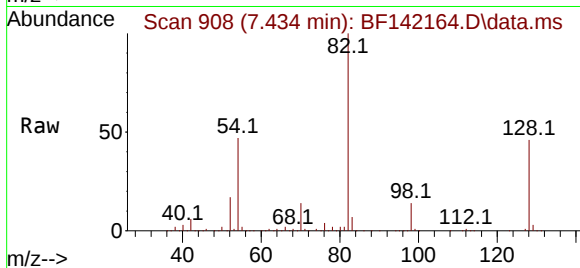
Tgt Ion: 82 Resp: 954527

Ion Ratio Lower Upper

82 100

128 46.3 36.0 54.0

54 46.8 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: BF142164.D

Acq: 28 Mar 2025 17:05

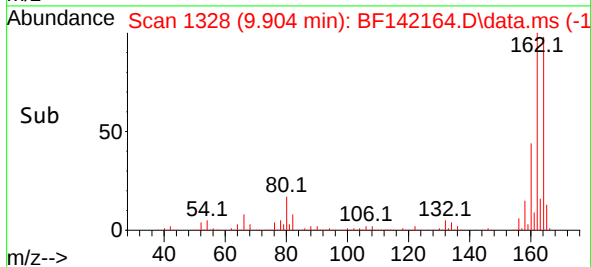
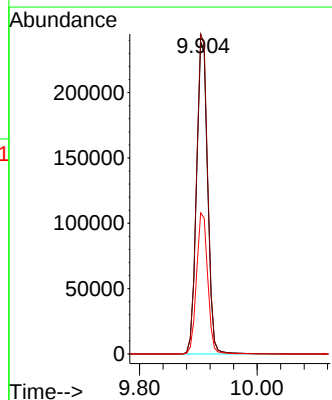
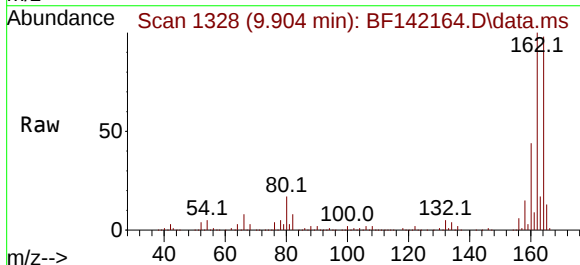
Tgt Ion:164 Resp: 313426

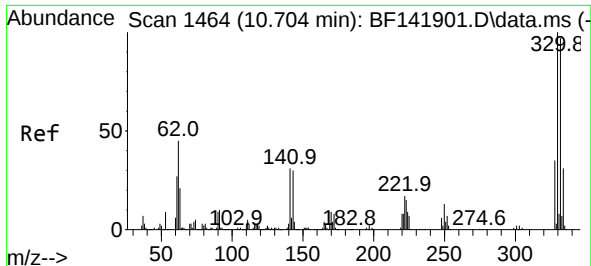
Ion Ratio Lower Upper

164 100

162 102.5 81.8 122.6

160 45.2 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 146.925 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142164.D

Acq: 28 Mar 2025 17:05

Instrument :

BNA_F

ClientSampleId :

TP-7

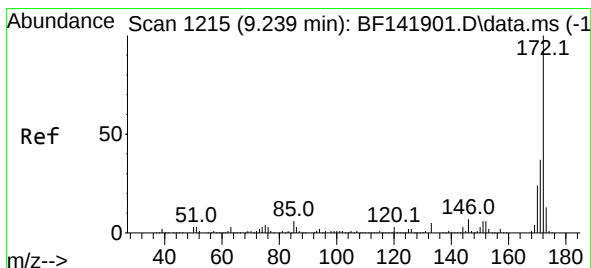
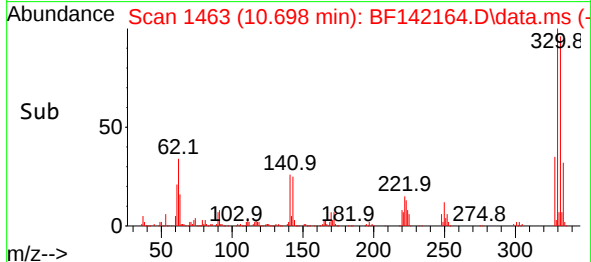
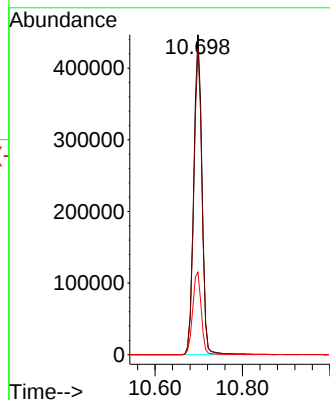
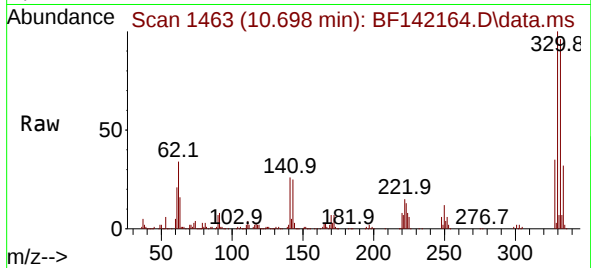
Tgt Ion:330 Resp: 584208

Ion Ratio Lower Upper

330 100

332 95.6 77.6 116.4

141 27.1 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 99.345 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142164.D

Acq: 28 Mar 2025 17:05

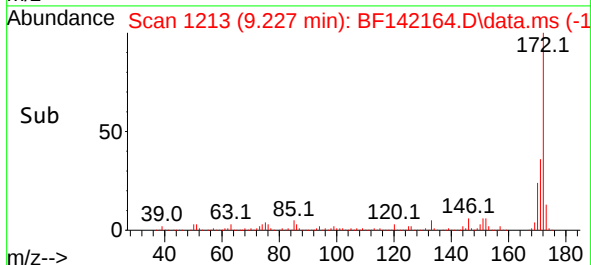
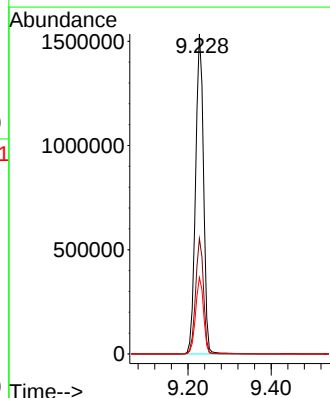
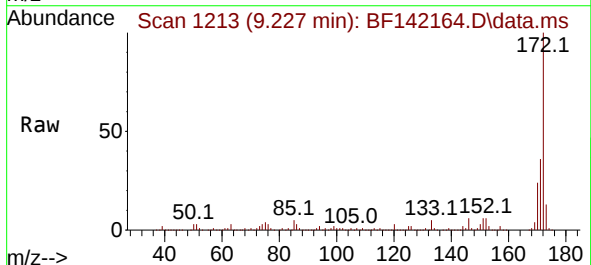
Tgt Ion:172 Resp: 2047413

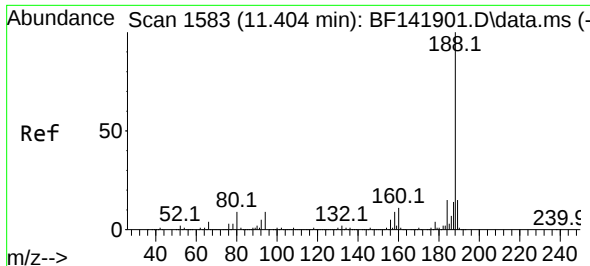
Ion Ratio Lower Upper

172 100

171 36.0 29.3 43.9

170 23.9 19.4 29.0

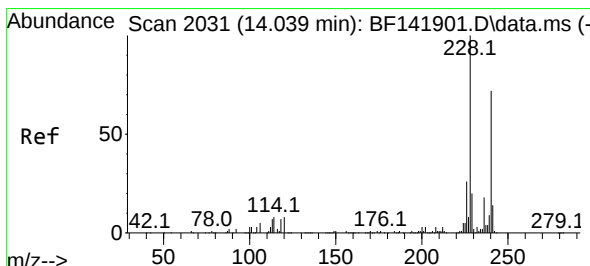
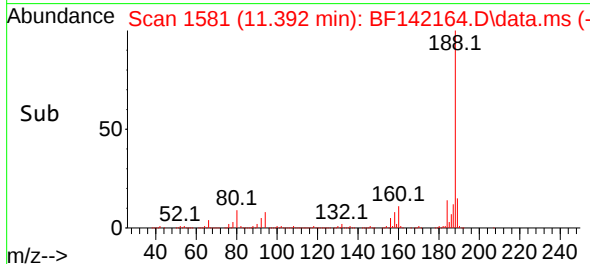
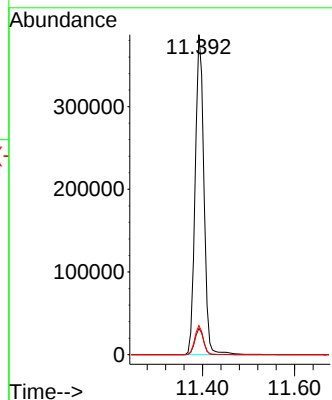
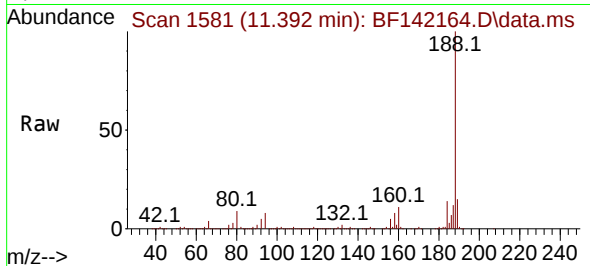




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142164.D
Acq: 28 Mar 2025 17:05

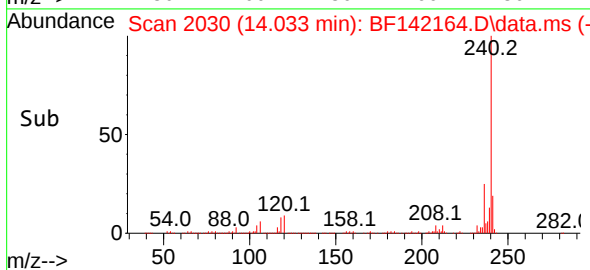
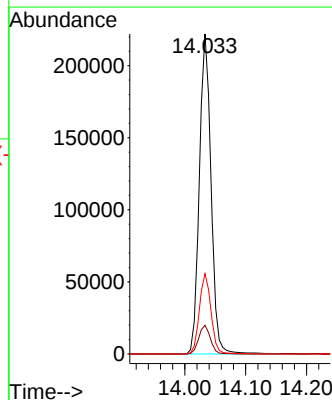
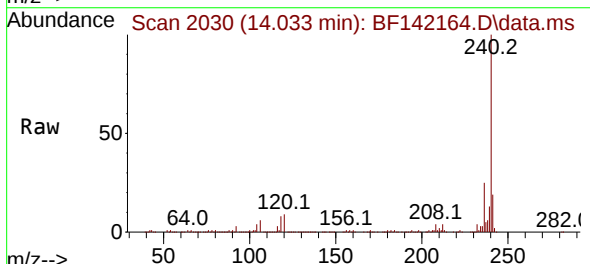
Instrument :
BNA_F
ClientSampleId :
TP-7

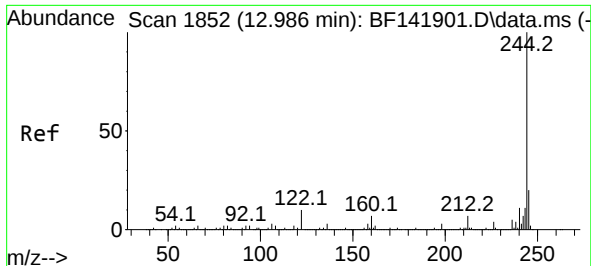
Tgt Ion:188 Resp: 505728
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 9.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142164.D
Acq: 28 Mar 2025 17:05

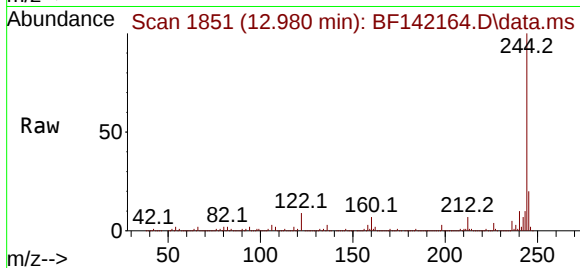
Tgt Ion:240 Resp: 294625
Ion Ratio Lower Upper
240 100
120 9.0 8.4 12.6
236 25.1 20.5 30.7



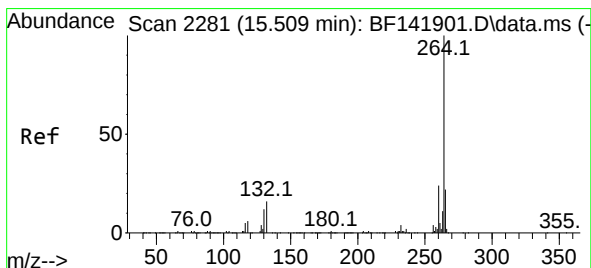
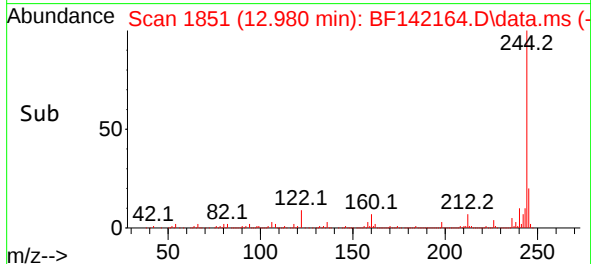
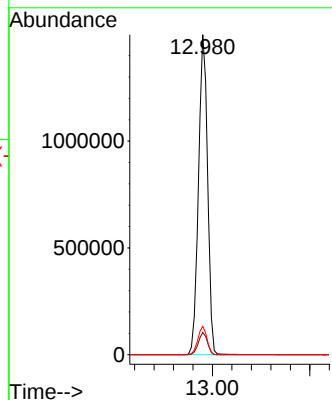


#79
 Terphenyl-d14
 Concen: 98.095 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142164.D
 Acq: 28 Mar 2025 17:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-7



Tgt Ion:244 Resp: 1954822
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.9 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2281
 Delta R.T. 0.000 min
 Lab File: BF142164.D
 Acq: 28 Mar 2025 17:05

Tgt Ion:264 Resp: 303757
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 21.7 17.5 26.3

