

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142139.D
 Acq On : 27 Mar 2025 22:10
 Operator : RC/JU
 Sample : Q1648-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Mar 28 01:58:00 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	152281	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	607382	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	347904	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	550894	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	321453	20.000	ng	0.00
86) Perylene-d12	15.510	264	311644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1151323	126.182	ng	0.01
7) Phenol-d6	6.498	99	1279741	110.159	ng	0.00
23) Nitrobenzene-d5	7.434	82	1056942	97.929	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	670634	151.946	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2256748	98.650	ng	-0.01
79) Terphenyl-d14	12.980	244	2175008	100.035	ng	0.00

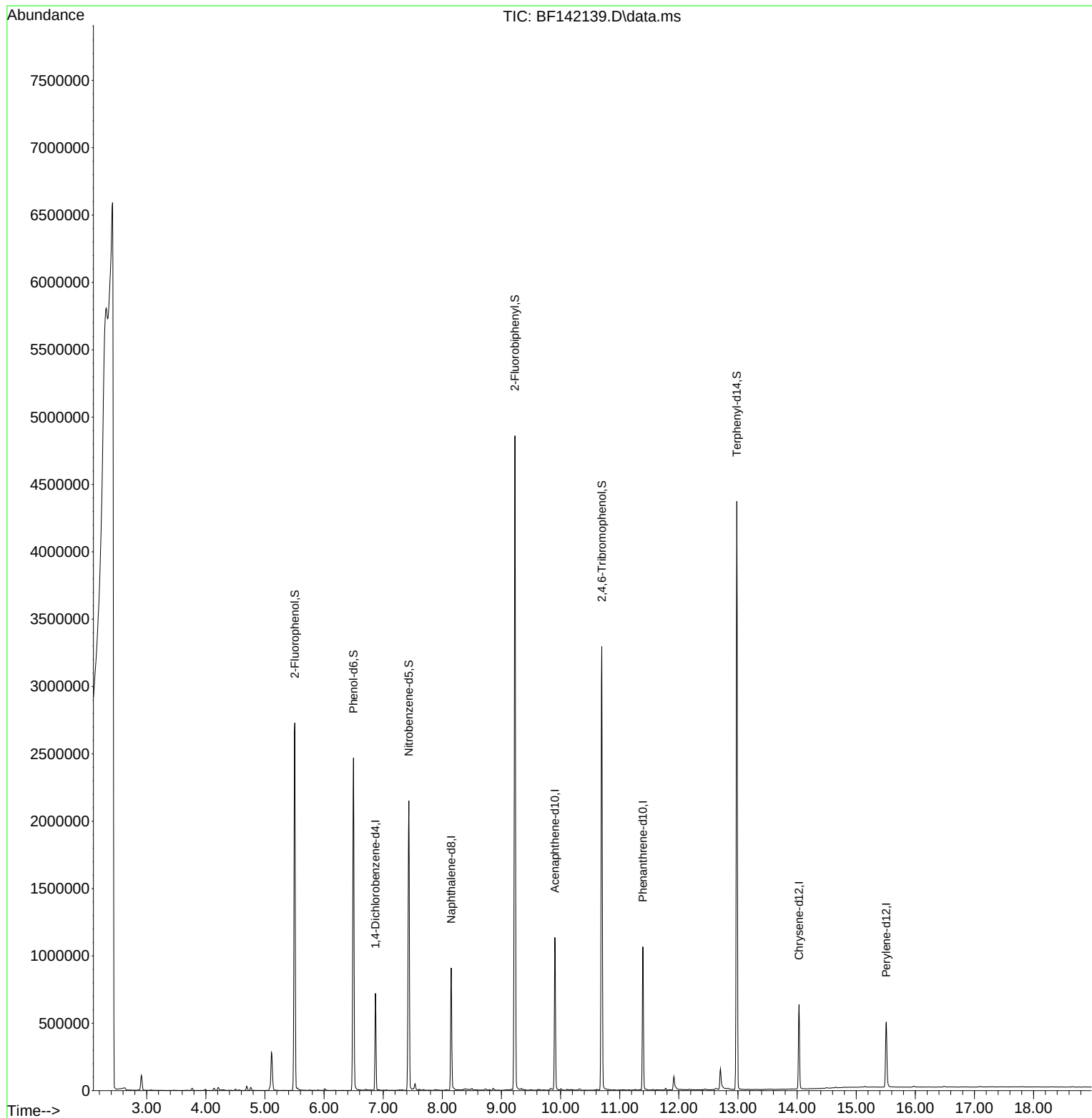
Target Compounds	Qvalue

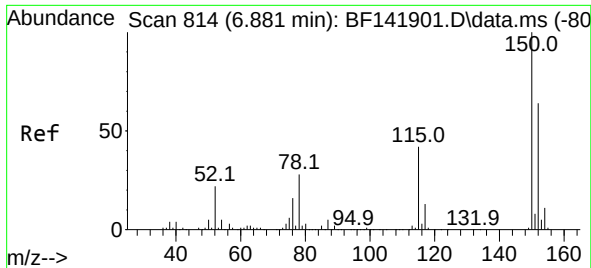
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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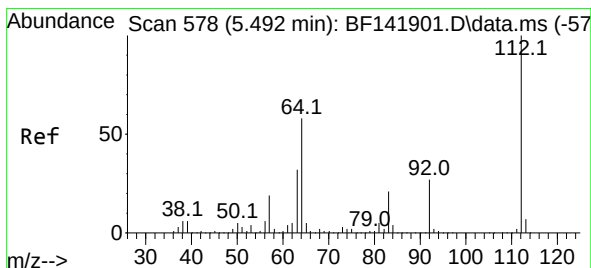
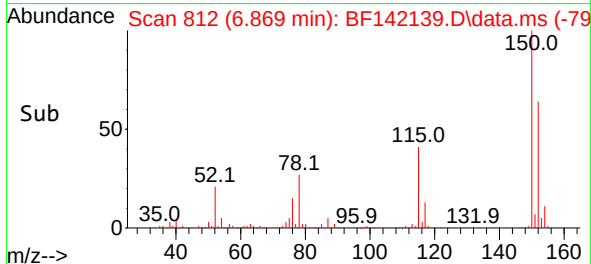
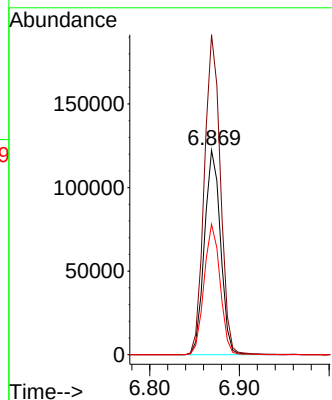
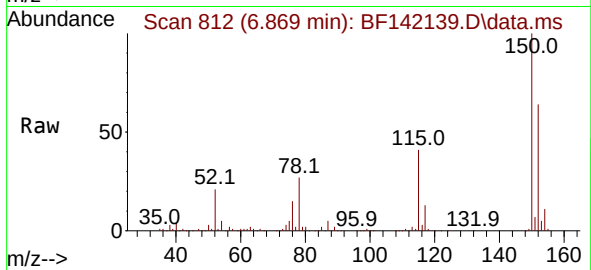




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142139.D
Acq: 27 Mar 2025 22:10

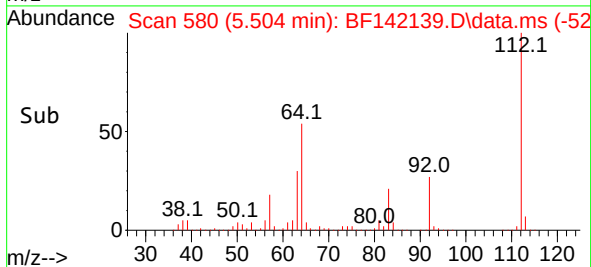
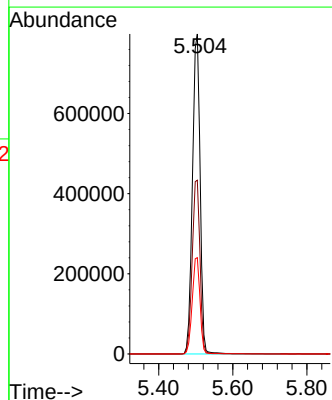
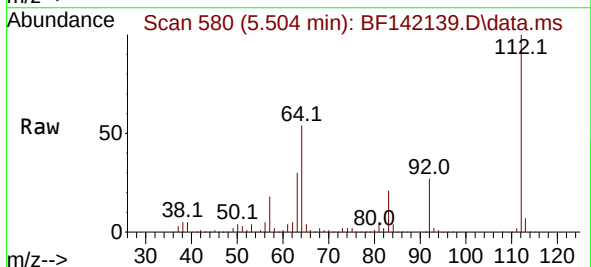
Instrument :
BNA_F
ClientSampleId :
TP-7

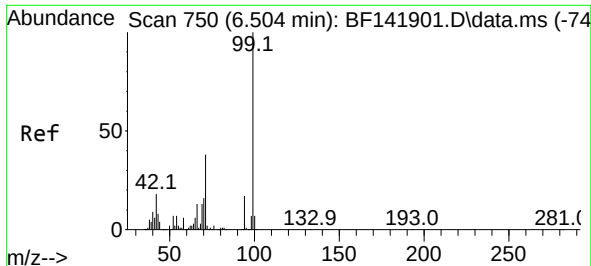
Tgt Ion:152 Resp: 152281
Ion Ratio Lower Upper
152 100
150 156.4 127.4 191.2
115 63.8 51.9 77.9



#5
2-Fluorophenol
Concen: 126.182 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142139.D
Acq: 27 Mar 2025 22:10

Tgt Ion:112 Resp: 1151323
Ion Ratio Lower Upper
112 100
64 54.3 46.5 69.7
63 30.1 25.4 38.2





#7
Phenol-d6
Concen: 110.159 ng
RT: 6.498 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF142139.D
Acq: 27 Mar 2025 22:10

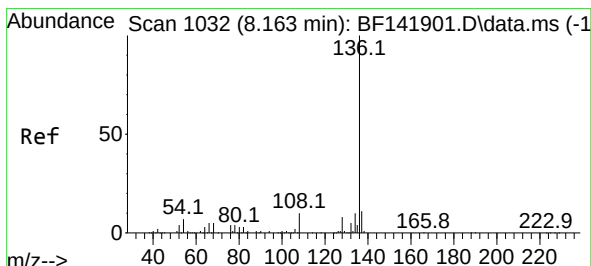
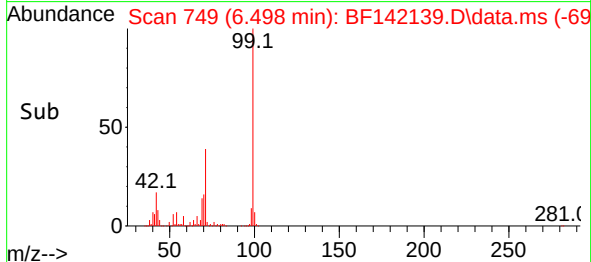
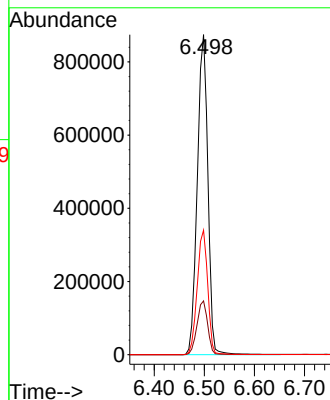
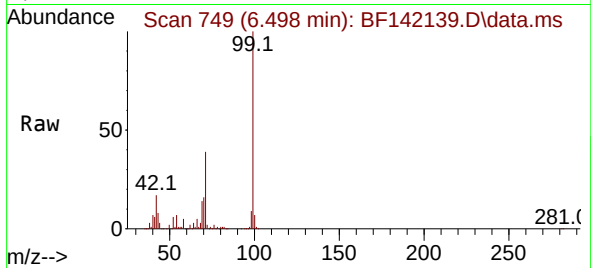
Instrument :

BNA_F

ClientSampleId :

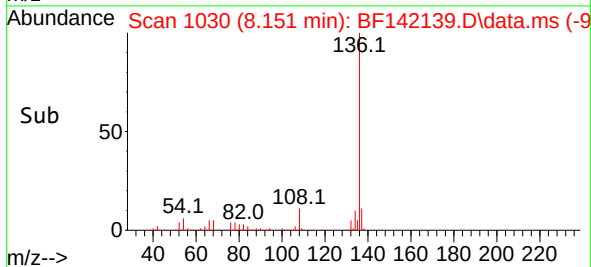
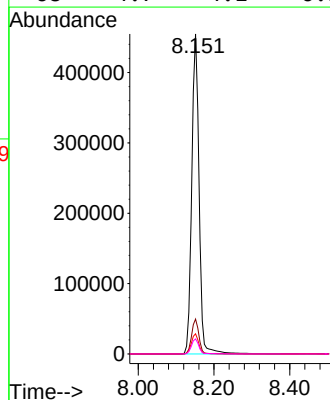
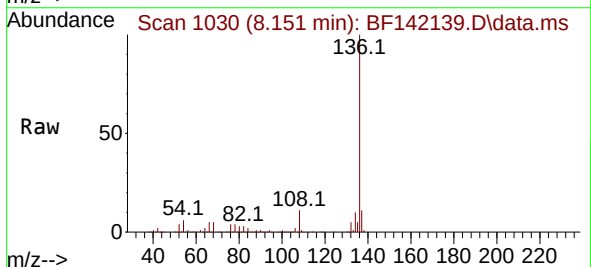
TP-7

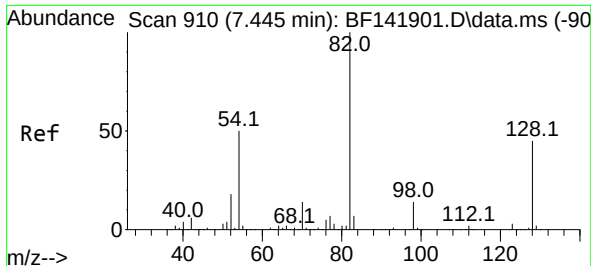
Tgt Ion: 99 Resp: 1279741
Ion Ratio Lower Upper
99 100
42 16.8 14.6 21.8
71 38.9 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142139.D
Acq: 27 Mar 2025 22:10

Tgt Ion:136 Resp: 607382
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.3 5.8 8.8
68 4.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 97.929 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142139.D

Acq: 27 Mar 2025 22:10

Instrument :

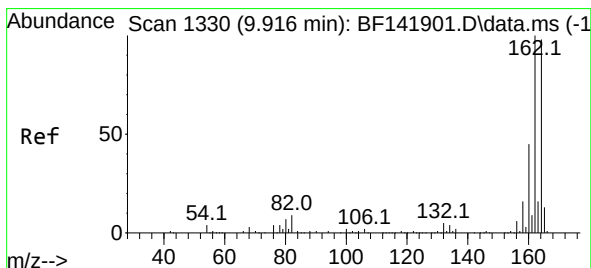
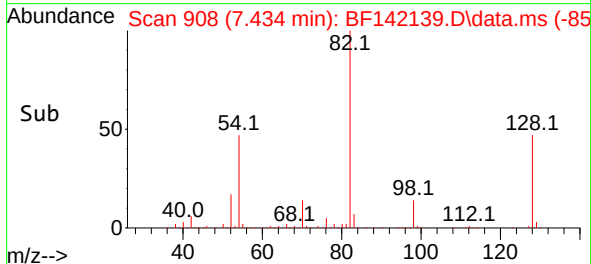
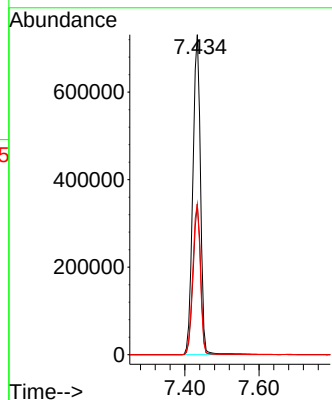
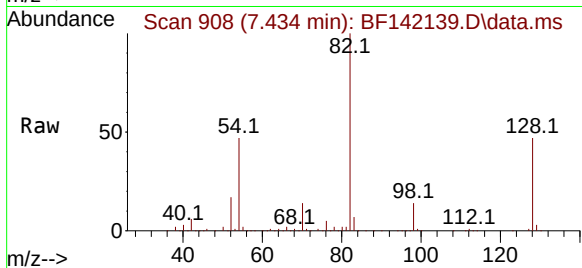
BNA_F

ClientSampleId :

TP-7

Tgt Ion: 82 Resp: 1056942

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.0	54.0
54	47.1	39.6	59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

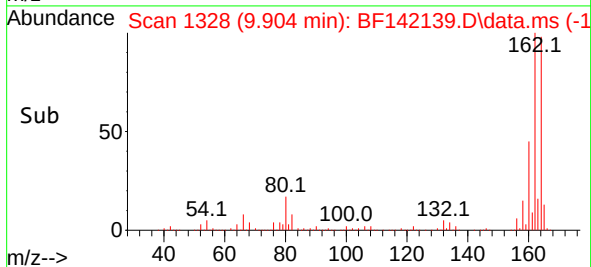
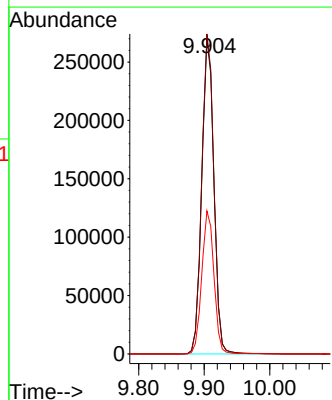
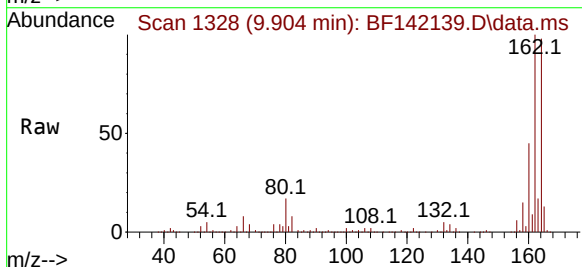
Delta R.T. -0.012 min

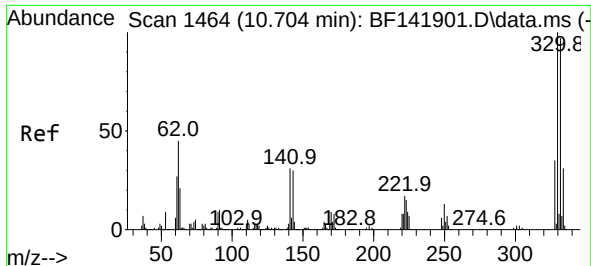
Lab File: BF142139.D

Acq: 27 Mar 2025 22:10

Tgt Ion:164 Resp: 347904

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.8	122.6
160	45.4	36.7	55.1





#42

2,4,6-Tribromophenol

Concen: 151.946 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142139.D

Acq: 27 Mar 2025 22:10

Instrument :

BNA_F

ClientSampleId :

TP-7

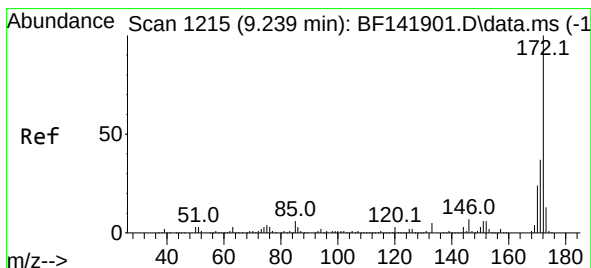
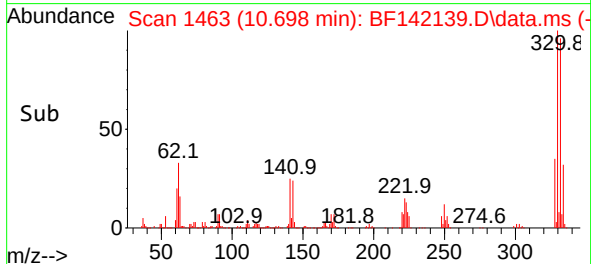
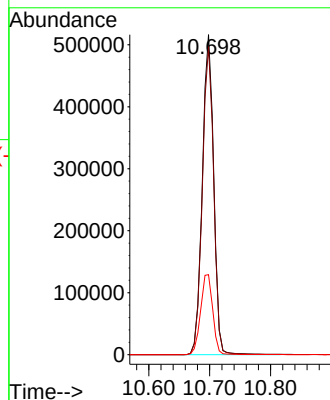
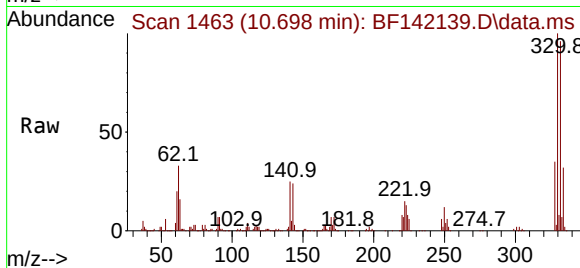
Tgt Ion:330 Resp: 670634

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

141 26.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 98.650 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142139.D

Acq: 27 Mar 2025 22:10

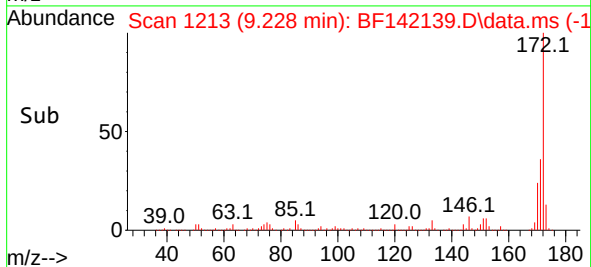
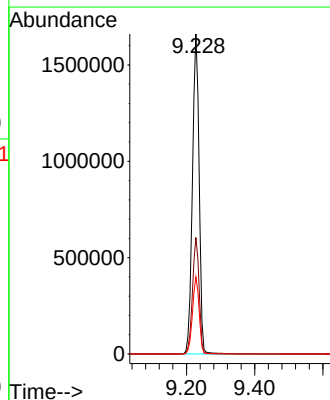
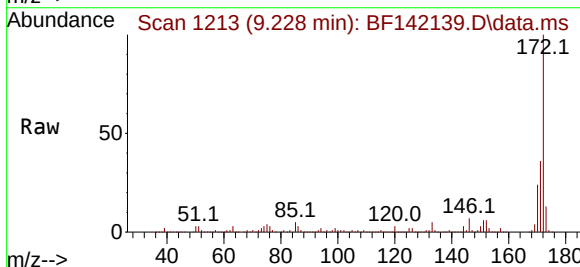
Tgt Ion:172 Resp: 2256748

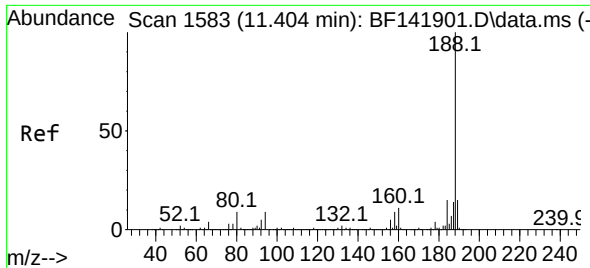
Ion Ratio Lower Upper

172 100

171 36.4 29.3 43.9

170 24.1 19.4 29.0

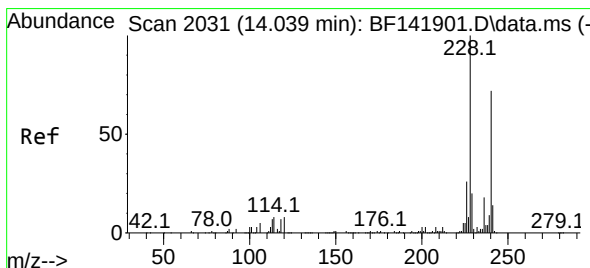
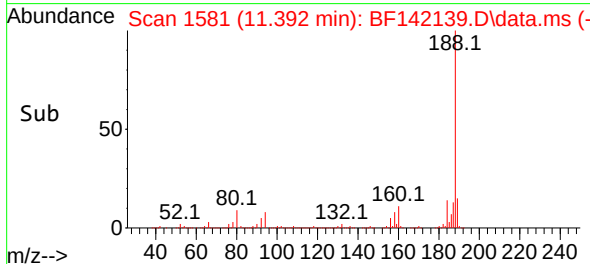
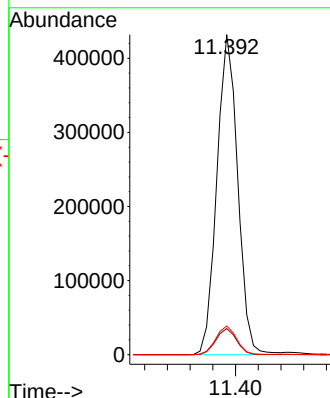
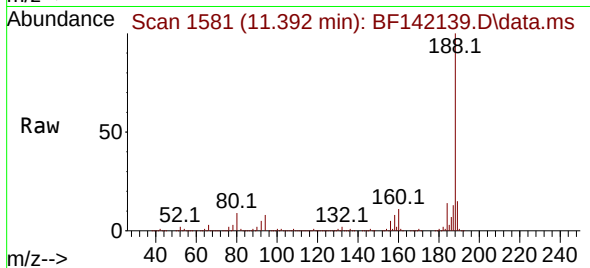




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142139.D
Acq: 27 Mar 2025 22:10

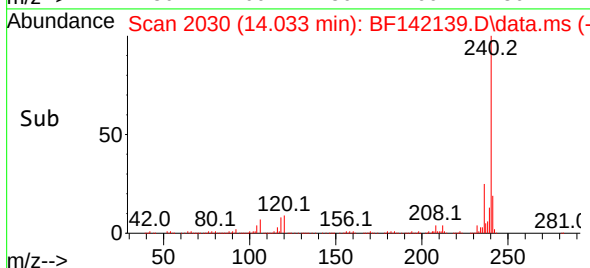
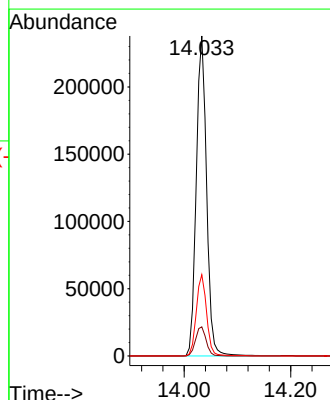
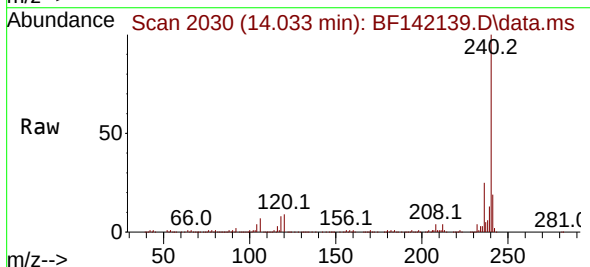
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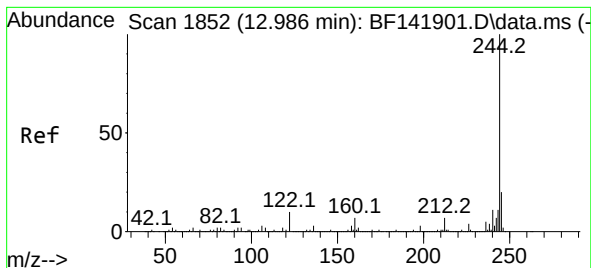
Tgt Ion:188 Resp: 550894
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 9.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142139.D
Acq: 27 Mar 2025 22:10

Tgt Ion:240 Resp: 321453
Ion Ratio Lower Upper
240 100
120 9.1 8.4 12.6
236 25.4 20.5 30.7





#79

Terphenyl-d14

Concen: 100.035 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142139.D

Acq: 27 Mar 2025 22:10

Instrument :

BNA_F

ClientSampleId :

TP-7

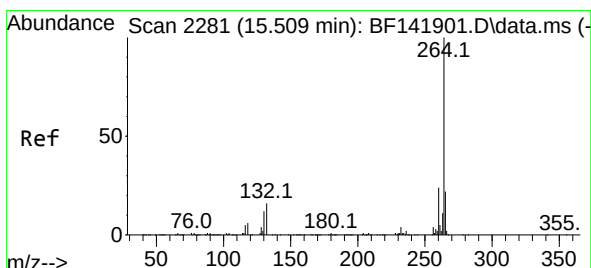
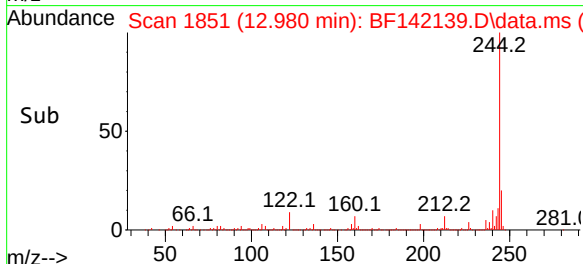
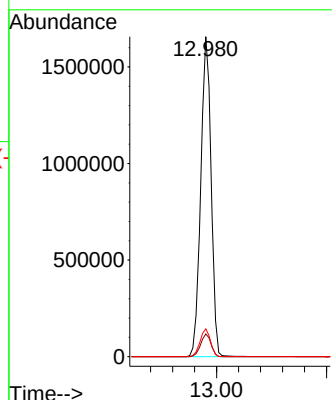
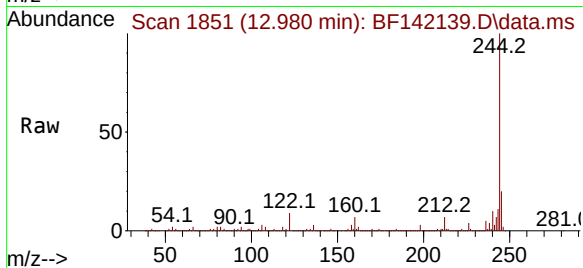
Tgt Ion:244 Resp: 2175008

Ion Ratio Lower Upper

244 100

212 7.1 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: BF142139.D

Acq: 27 Mar 2025 22:10

Tgt Ion:264 Resp: 311644

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.2 17.5 26.3

