

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142136.D
 Acq On : 27 Mar 2025 20:42
 Operator : RC/JU
 Sample : Q1648-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Mar 28 01:57:08 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	153938	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	612192	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	334175	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	531312	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	316760	20.000	ng	0.00
86) Perylene-d12	15.510	264	326955	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1153156	125.022	ng	0.01
7) Phenol-d6	6.498	99	1312202	111.737	ng	0.00
23) Nitrobenzene-d5	7.434	82	1055769	97.052	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	633751	149.489	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2231796	101.568	ng	-0.01
79) Terphenyl-d14	12.980	244	2157023	100.677	ng	0.00

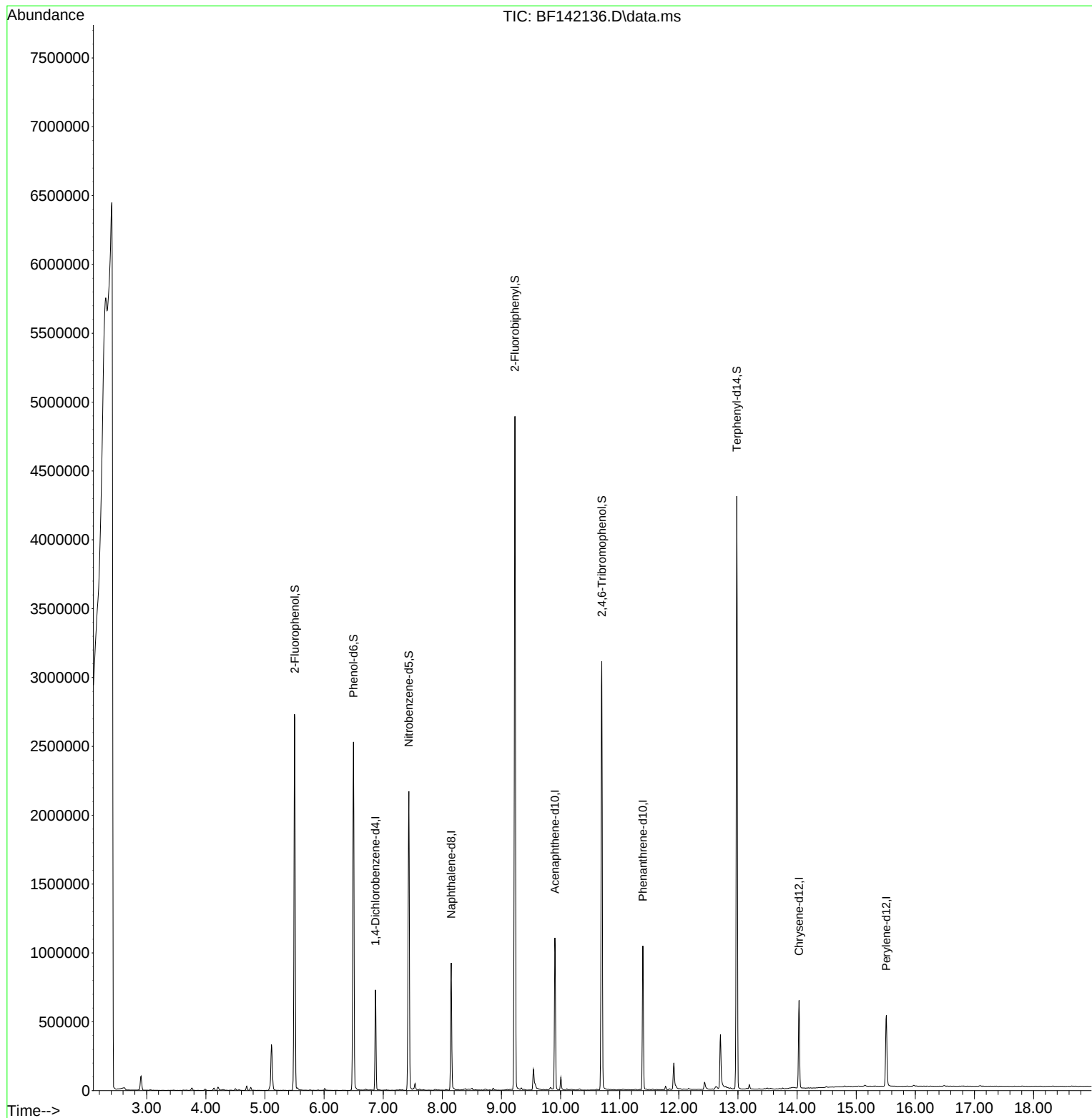
Target Compounds	Qvalue

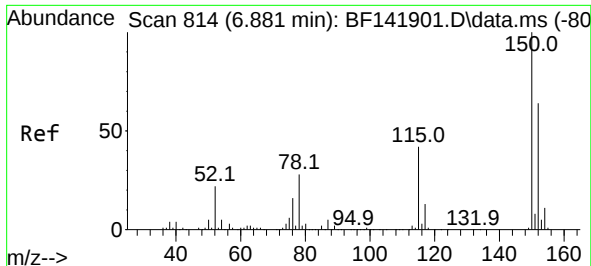
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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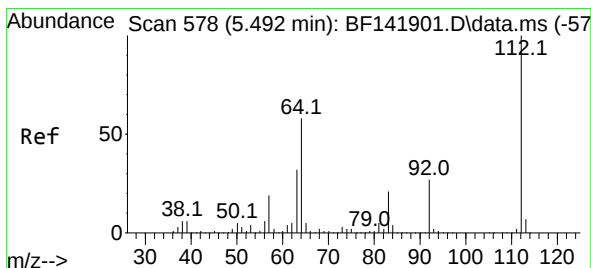
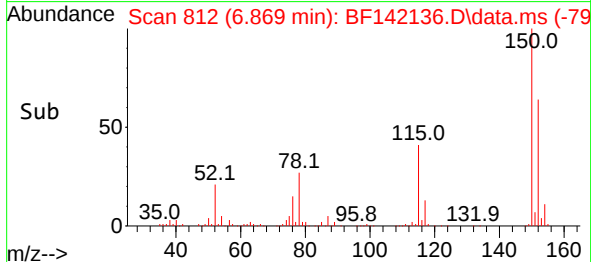
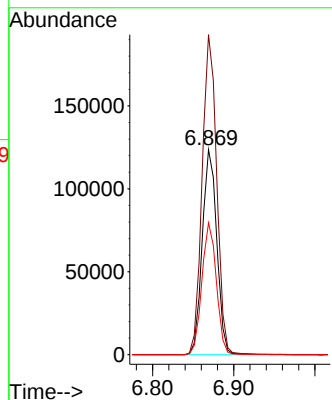
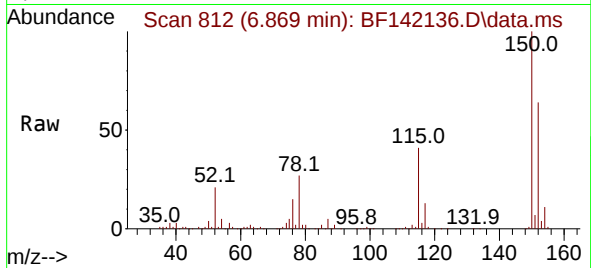




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142136.D
Acq: 27 Mar 2025 20:42

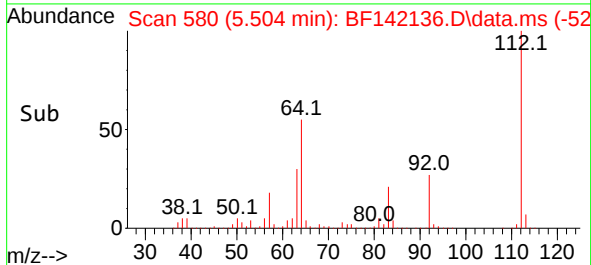
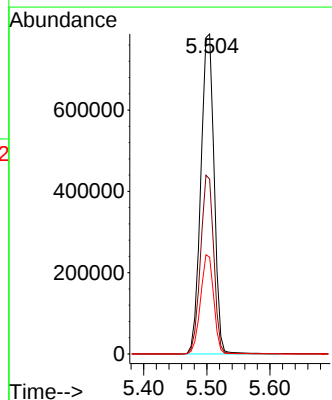
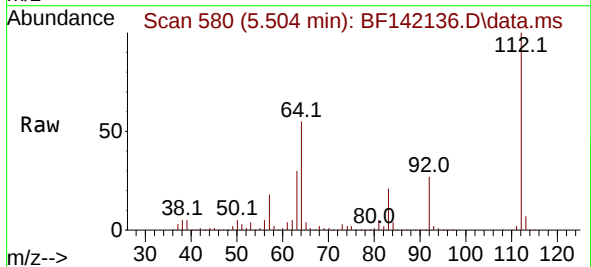
Instrument :
BNA_F
ClientSampleId :
TP-5

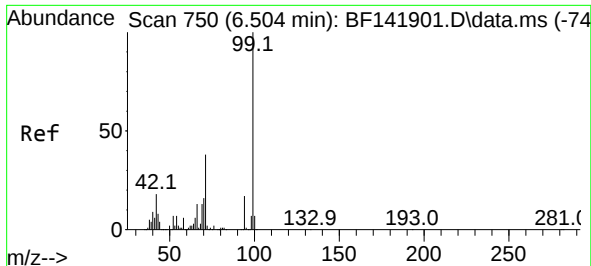
Tgt Ion:152 Resp: 153938
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.2
115 64.3 51.9 77.9



#5
2-Fluorophenol
Concen: 125.022 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142136.D
Acq: 27 Mar 2025 20:42

Tgt Ion:112 Resp: 1153156
Ion Ratio Lower Upper
112 100
64 54.6 46.5 69.7
63 30.3 25.4 38.2



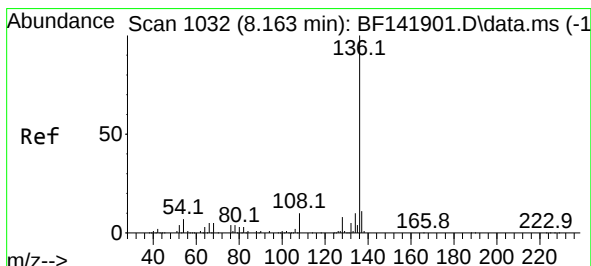
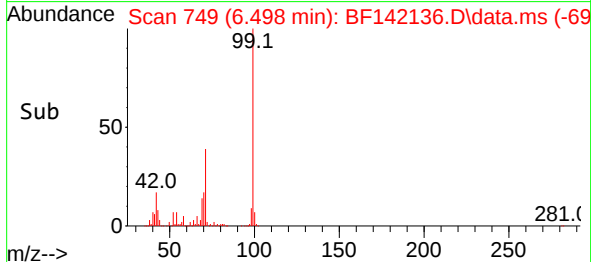
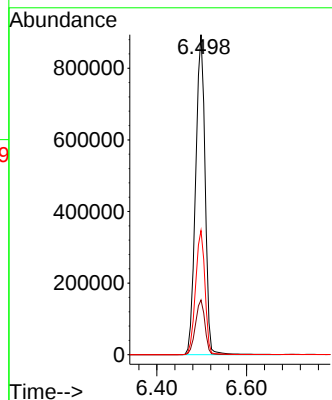
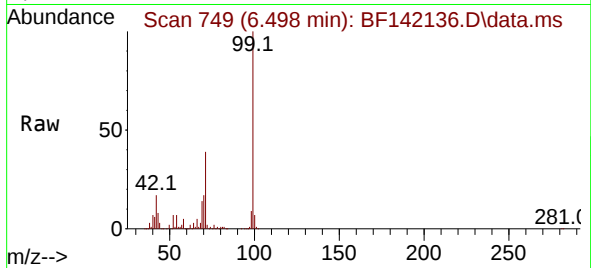


#7
Phenol-d6
Concen: 111.737 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142136.D
Acq: 27 Mar 2025 20:42

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 1312202

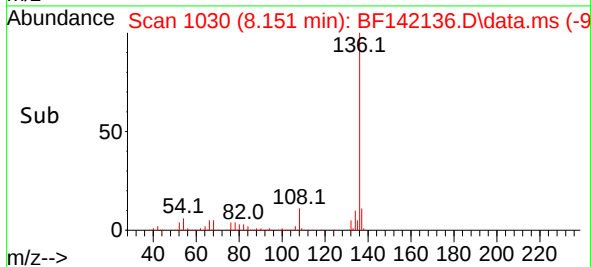
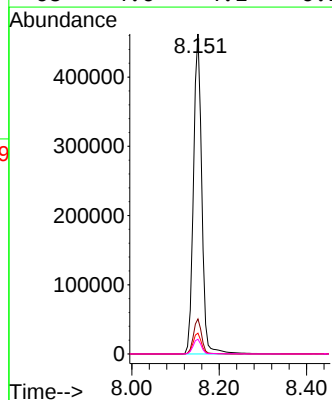
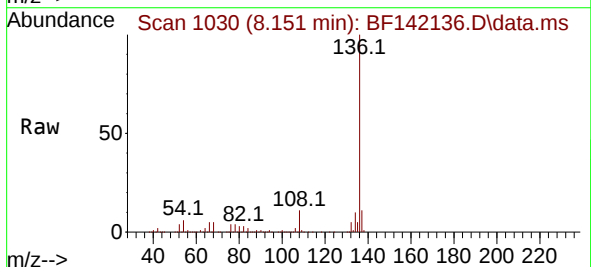
Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.6	21.8
71	38.8	30.8	46.2

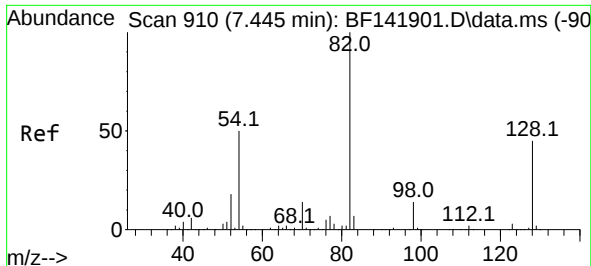


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142136.D
Acq: 27 Mar 2025 20:42

Tgt Ion:136 Resp: 612192

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.5	5.8	8.8
68	4.6	4.1	6.1

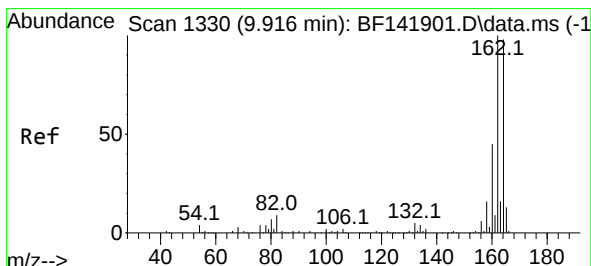
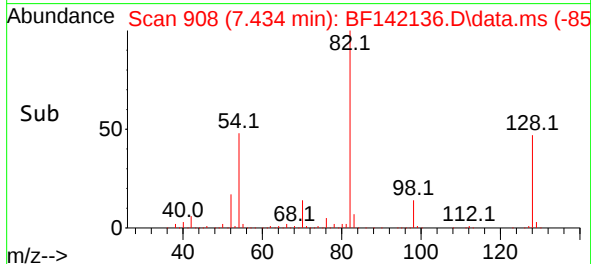
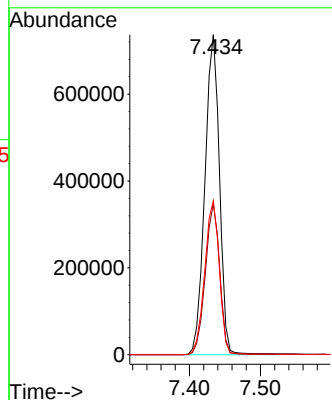
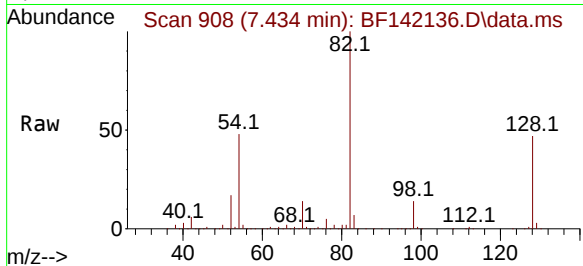




#23
Nitrobenzene-d5
Concen: 97.052 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF142136.D
Acq: 27 Mar 2025 20:42

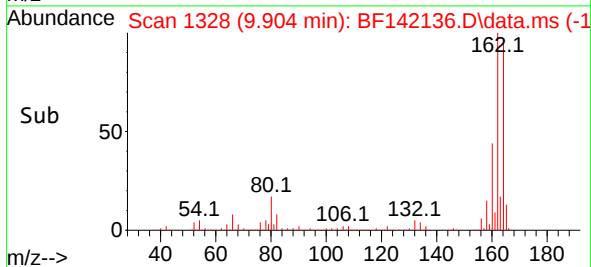
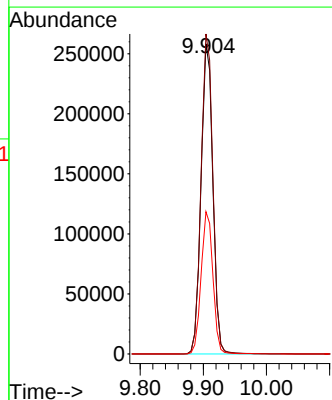
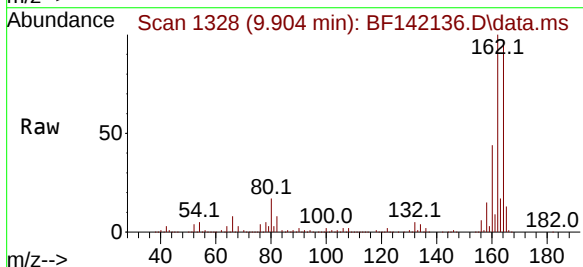
Instrument :
BNA_F
ClientSampleId :
TP-5

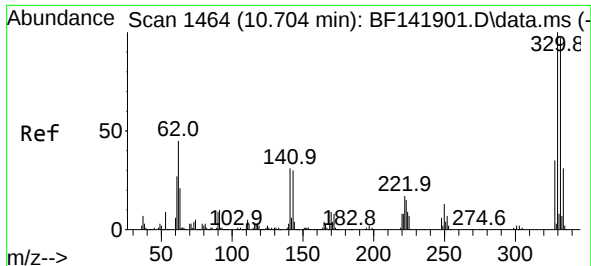
Tgt Ion: 82 Resp: 1055769
Ion Ratio Lower Upper
82 100
128 47.1 36.0 54.0
54 48.1 39.6 59.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF142136.D
Acq: 27 Mar 2025 20:42

Tgt Ion:164 Resp: 334175
Ion Ratio Lower Upper
164 100
162 103.1 81.8 122.6
160 45.8 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 149.489 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142136.D

Acq: 27 Mar 2025 20:42

Instrument :

BNA_F

ClientSampleId :

TP-5

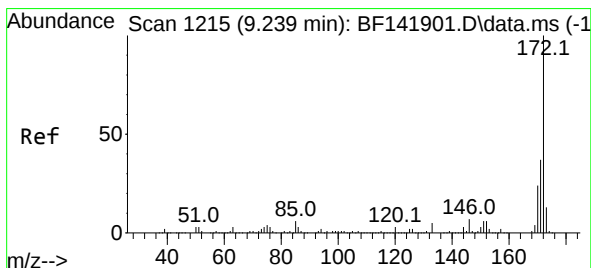
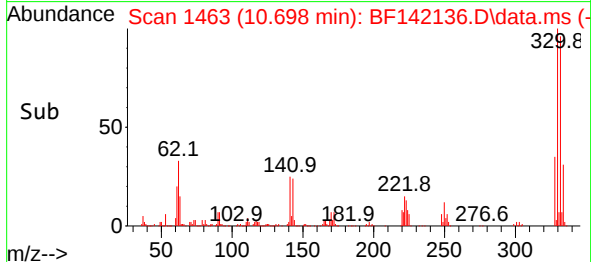
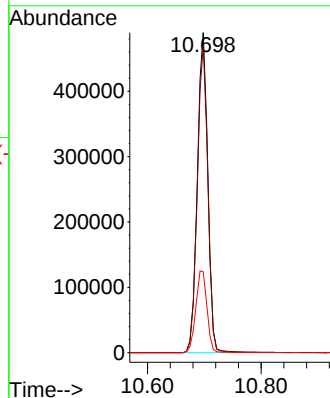
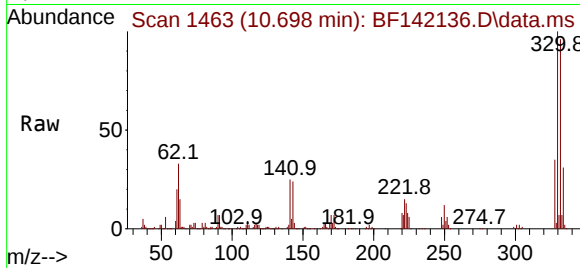
Tgt Ion:330 Resp: 633751

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

141 27.3 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 101.568 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142136.D

Acq: 27 Mar 2025 20:42

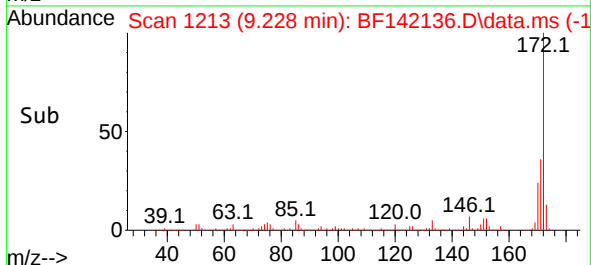
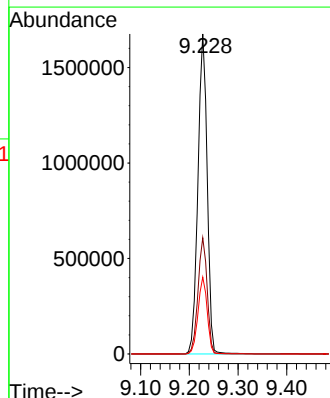
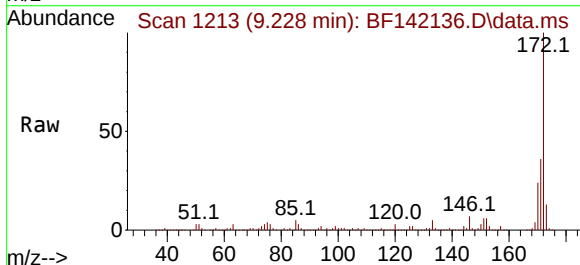
Tgt Ion:172 Resp: 2231796

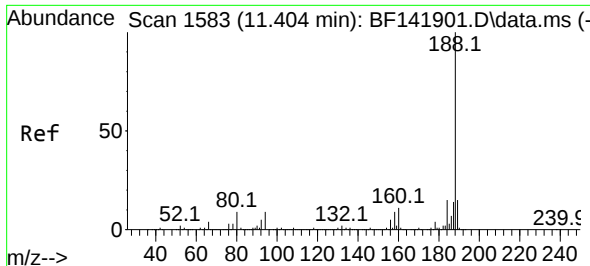
Ion Ratio Lower Upper

172 100

171 36.3 29.3 43.9

170 24.0 19.4 29.0

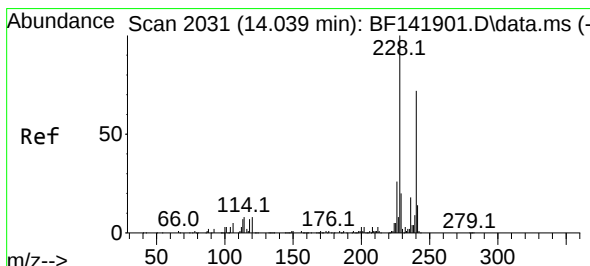
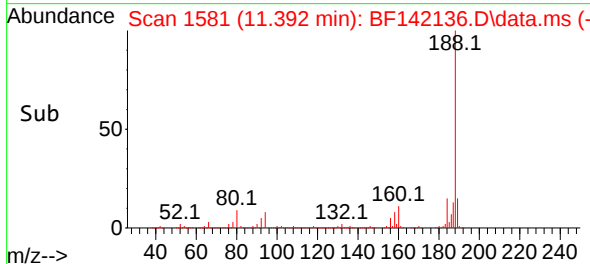
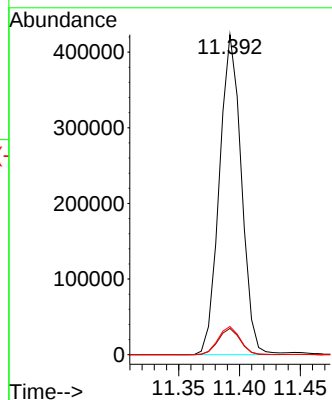
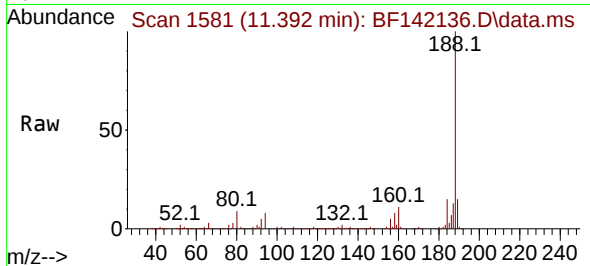




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142136.D
Acq: 27 Mar 2025 20:42

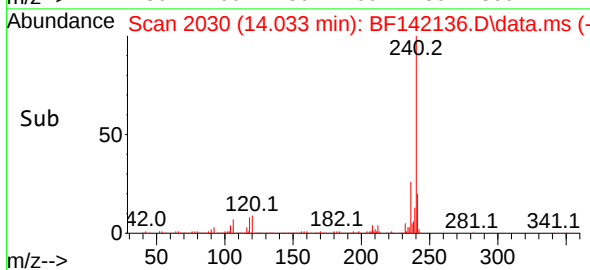
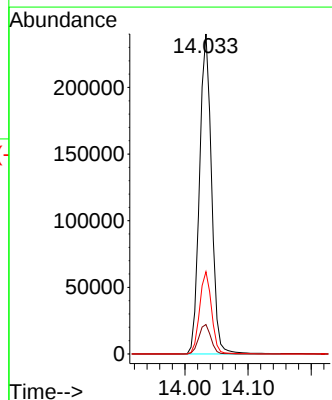
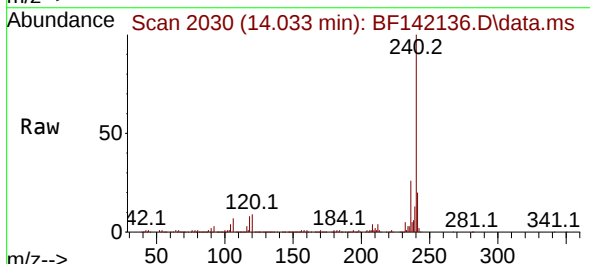
Instrument :
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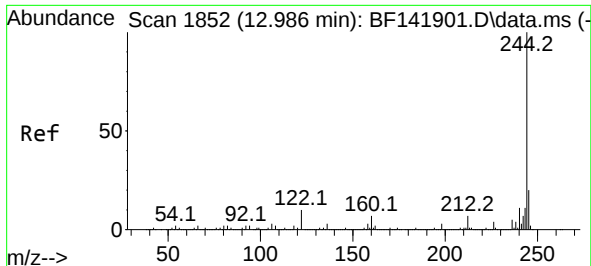
Tgt Ion:188 Resp: 531312
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 8.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142136.D
Acq: 27 Mar 2025 20:42

Tgt Ion:240 Resp: 316760
Ion Ratio Lower Upper
240 100
120 9.2 8.4 12.6
236 25.7 20.5 30.7

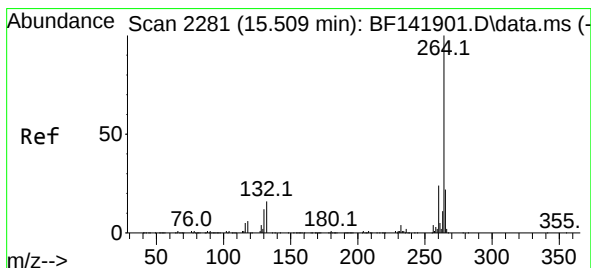
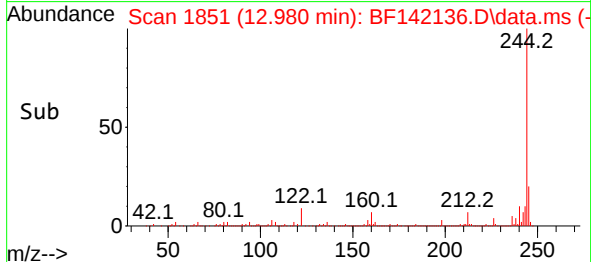
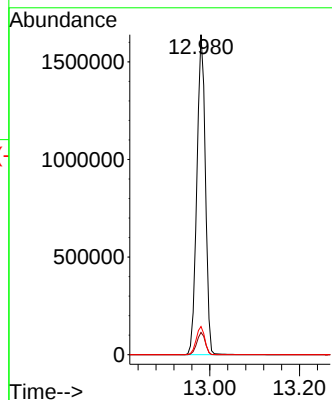
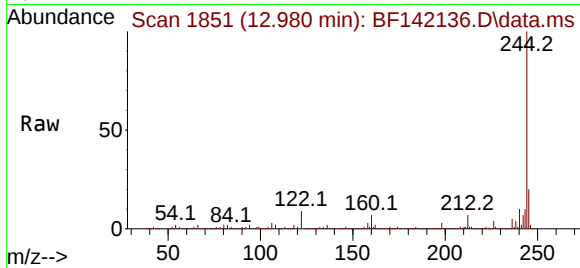




#79
 Terphenyl-d14
 Concen: 100.677 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142136.D
 Acq: 27 Mar 2025 20:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 2157023
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.8 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: BF142136.D
 Acq: 27 Mar 2025 20:42

Tgt Ion:264 Resp: 326955
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 21.2 17.5 26.3

