

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142156.D
 Acq On : 28 Mar 2025 13:08
 Operator : RC/JU
 Sample : Q1642-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-1-032525

Quant Time: Mar 28 13:44:43 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	139500	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	550397	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	326280	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	573724	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	344150	20.000	ng	0.00
86) Perylene-d12	15.510	264	345453	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	993292	118.836	ng	0.00
7) Phenol-d6	6.499	99	1148652	107.934	ng	0.00
23) Nitrobenzene-d5	7.434	82	882655	90.248	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	644796	155.774	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1874849	87.388	ng	-0.01
79) Terphenyl-d14	12.986	244	2412134	103.624	ng	0.00

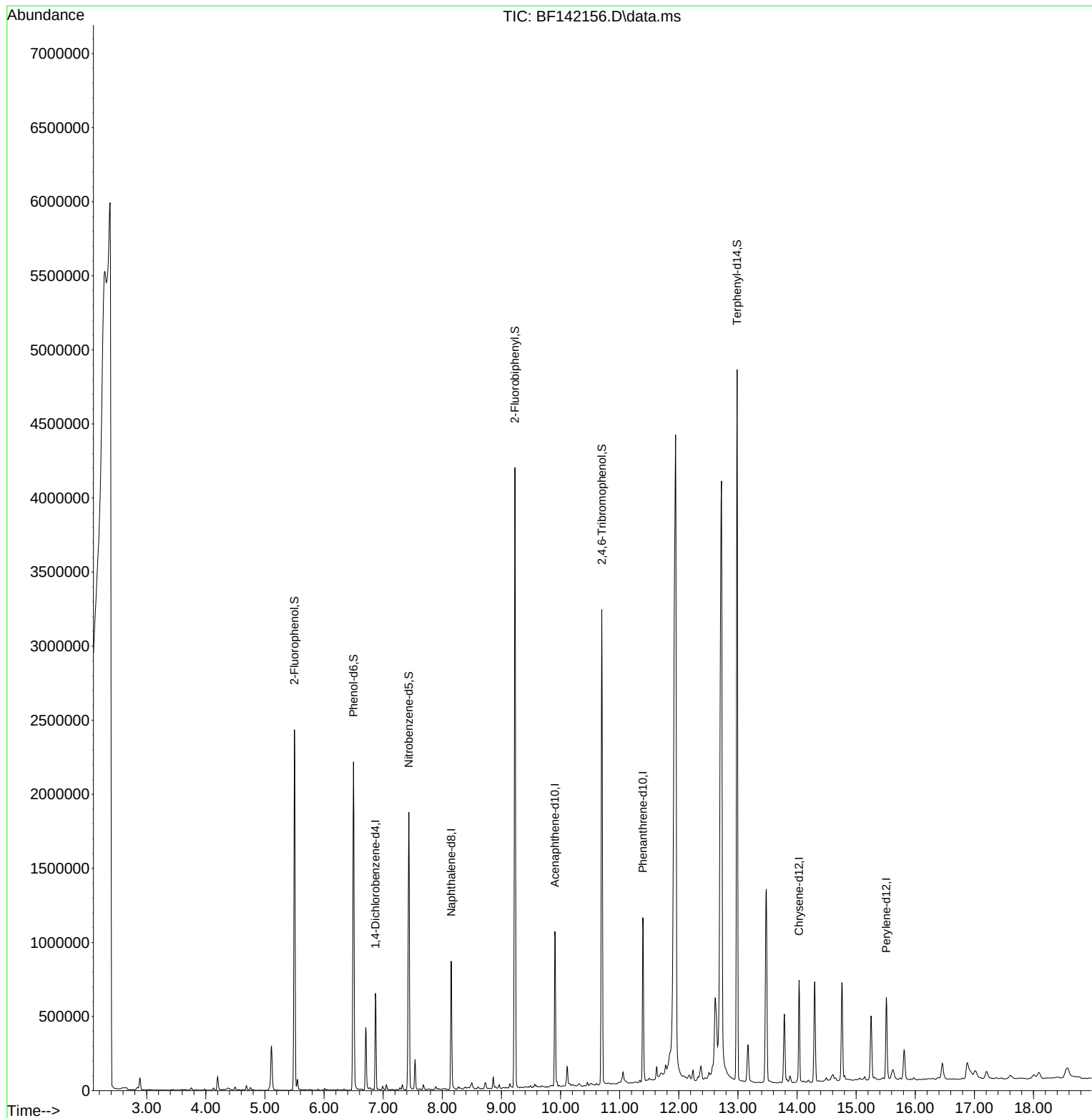
Target Compounds	Qvalue

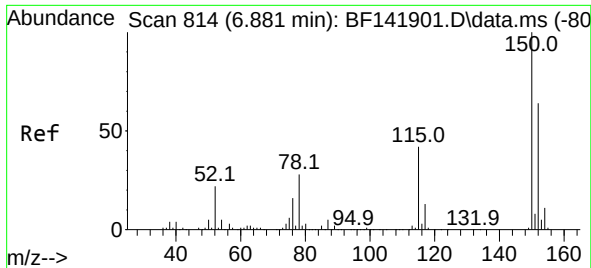
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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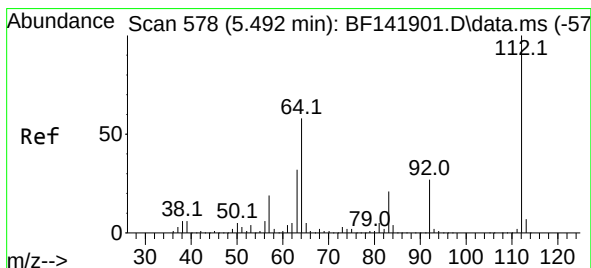
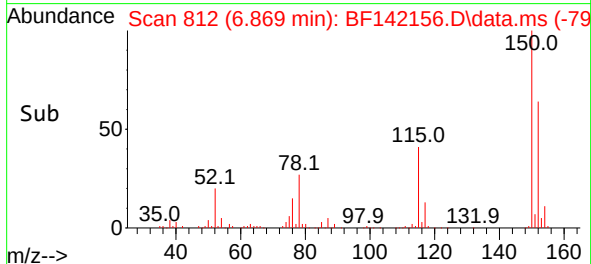
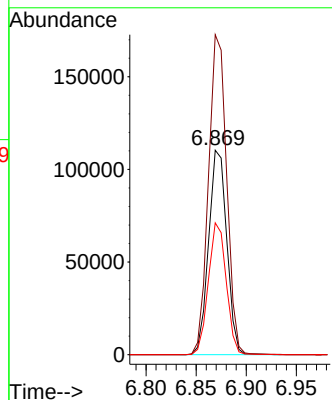
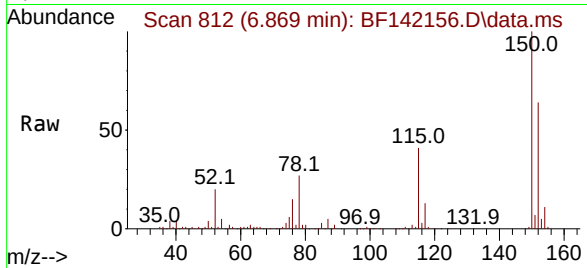




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

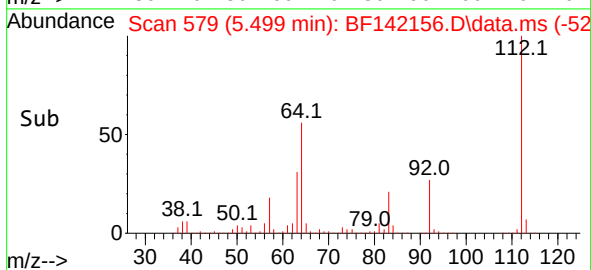
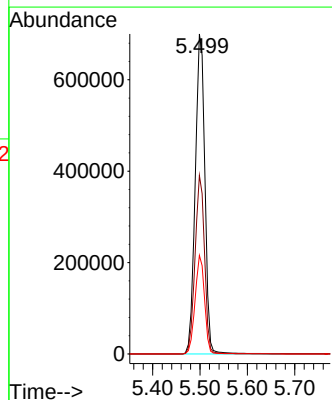
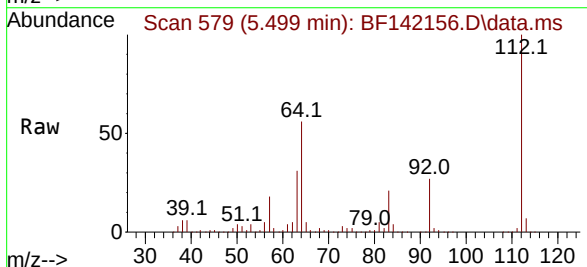
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525

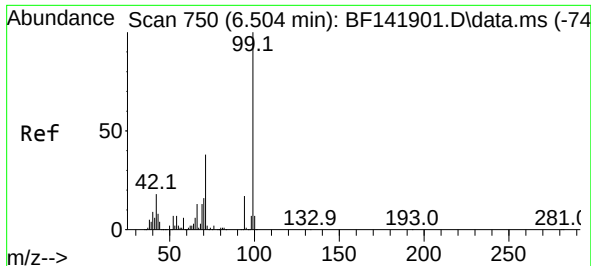
Tgt Ion:152 Resp: 139500
Ion Ratio Lower Upper
152 100
150 156.5 127.4 191.2
115 64.5 51.9 77.9



#5
2-Fluorophenol
Concen: 118.836 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

Tgt Ion:112 Resp: 993292
Ion Ratio Lower Upper
112 100
64 55.8 46.5 69.7
63 30.8 25.4 38.2

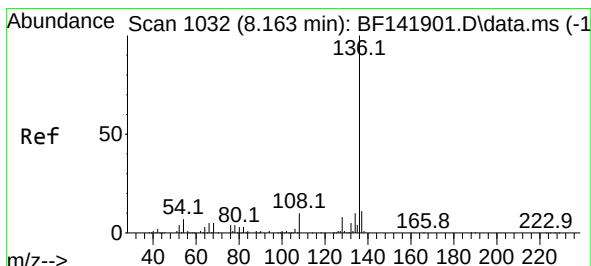
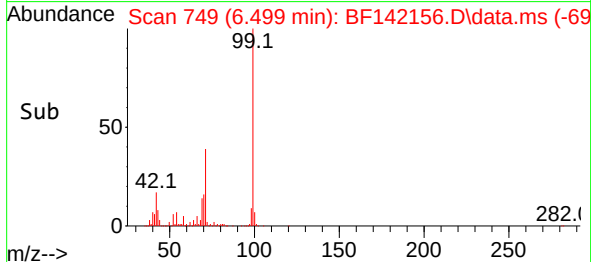
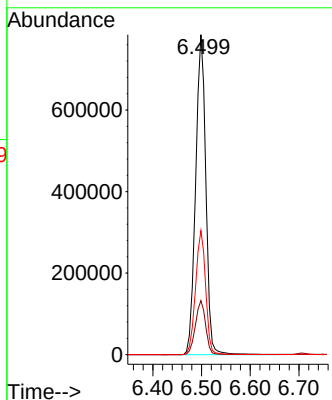
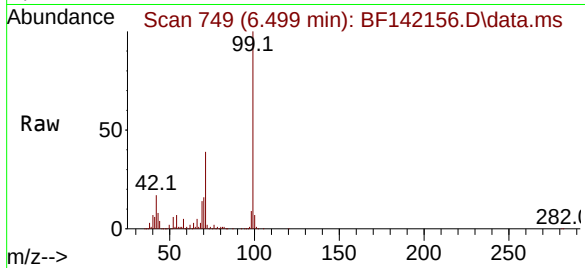




#7
Phenol-d6
Concen: 107.934 ng
RT: 6.499 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

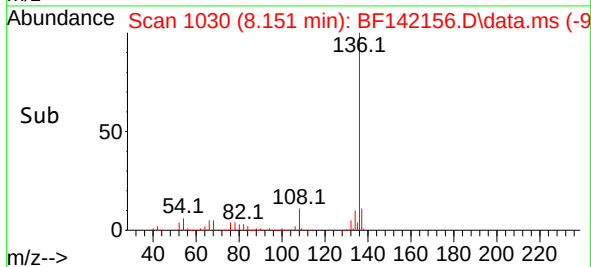
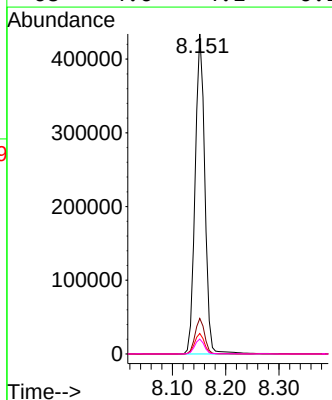
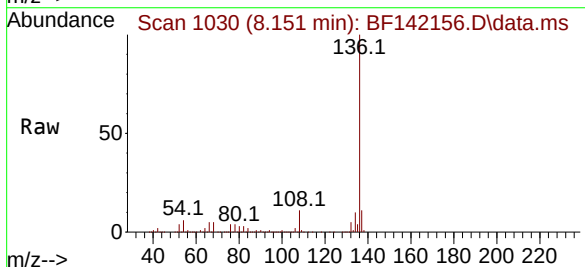
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525

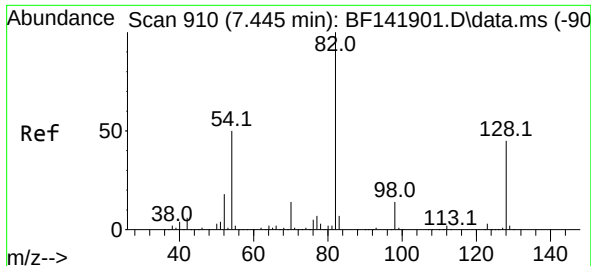
Tgt Ion: 99 Resp: 1148652
Ion Ratio Lower Upper
99 100
42 16.9 14.6 21.8
71 38.8 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

Tgt Ion:136 Resp: 550397
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.4 5.8 8.8
68 4.6 4.1 6.1

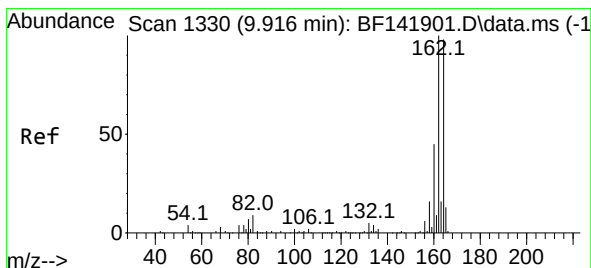
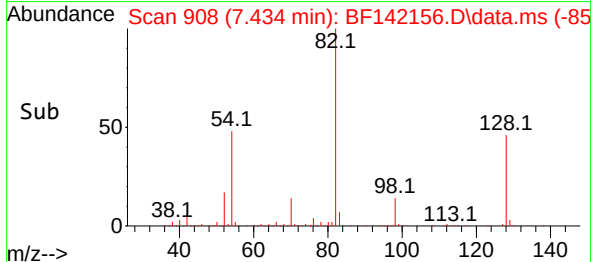
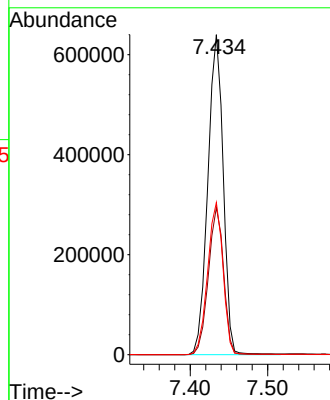
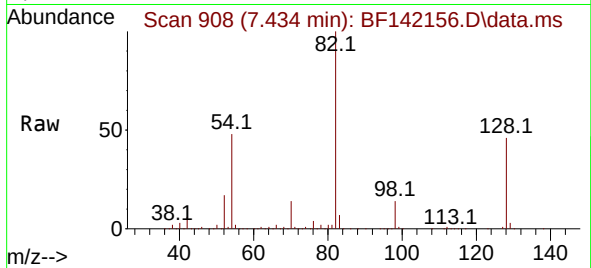




#23
Nitrobenzene-d5
Concen: 90.248 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

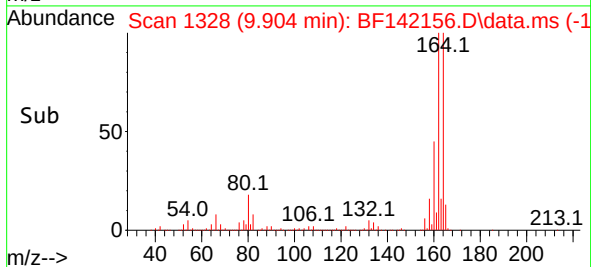
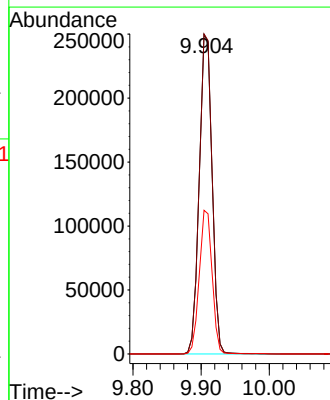
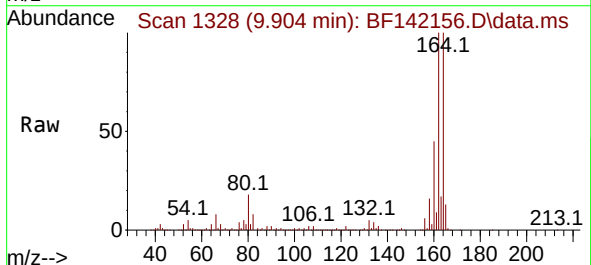
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525

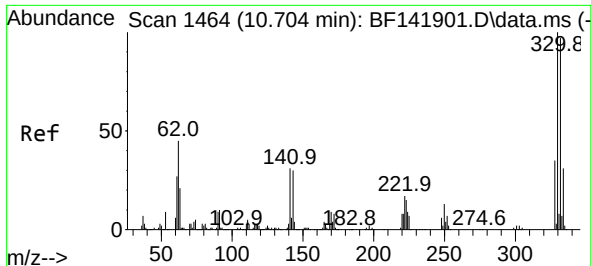
Tgt Ion: 82 Resp: 882655
Ion Ratio Lower Upper
82 100
128 46.0 36.0 54.0
54 47.6 39.6 59.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

Tgt Ion:164 Resp: 326280
Ion Ratio Lower Upper
164 100
162 100.2 81.8 122.6
160 44.9 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 155.774 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142156.D

Acq: 28 Mar 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525

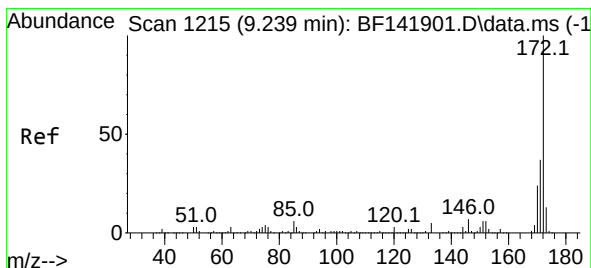
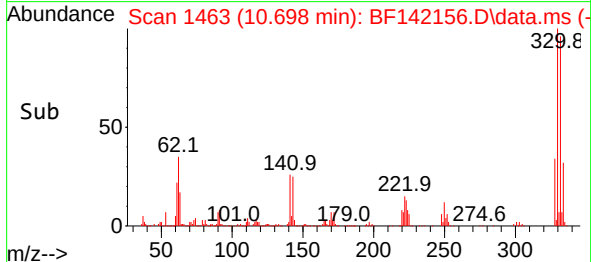
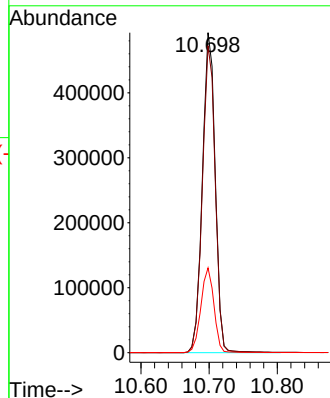
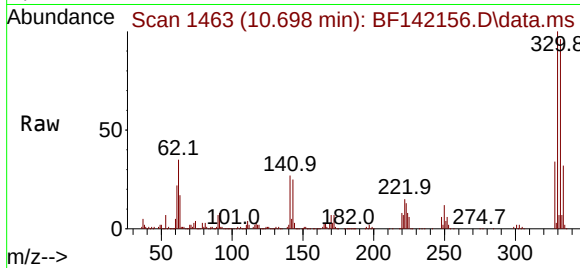
Tgt Ion:330 Resp: 644796

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

141 27.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 87.388 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142156.D

Acq: 28 Mar 2025 13:08

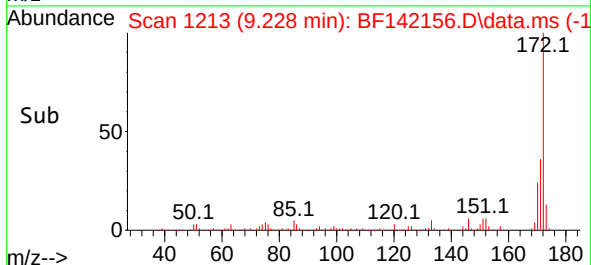
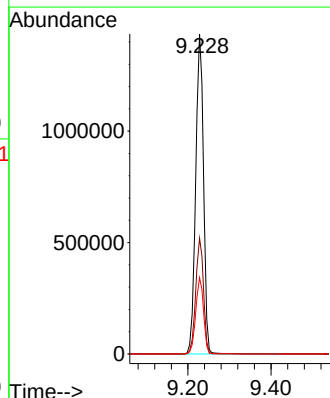
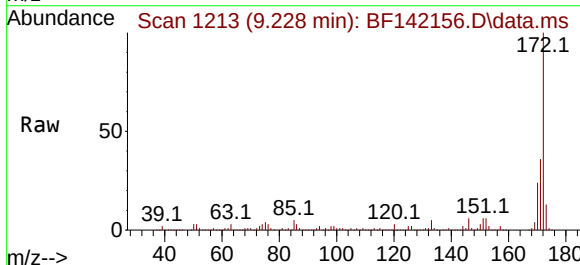
Tgt Ion:172 Resp: 1874849

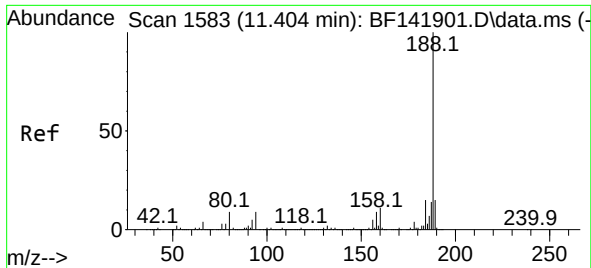
Ion Ratio Lower Upper

172 100

171 36.2 29.3 43.9

170 23.9 19.4 29.0

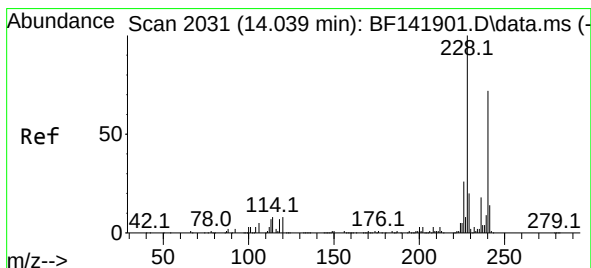
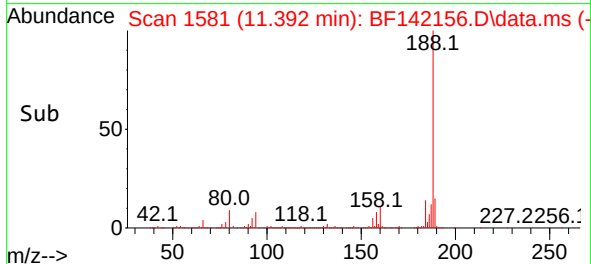
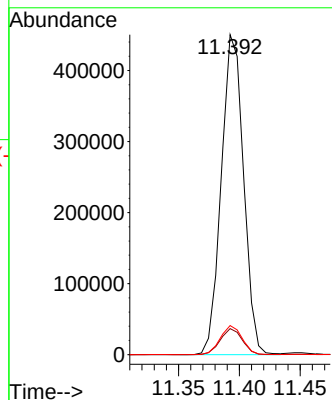
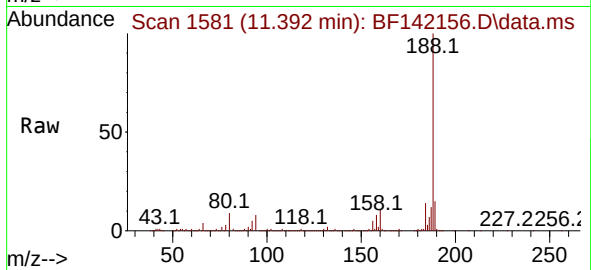




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

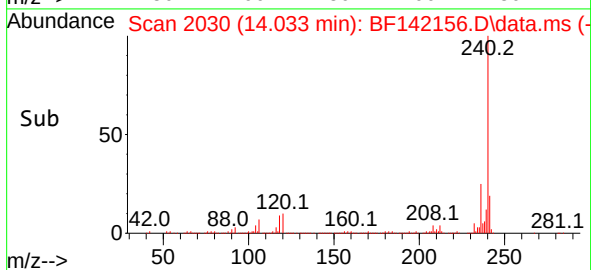
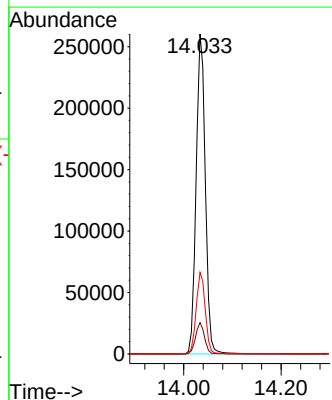
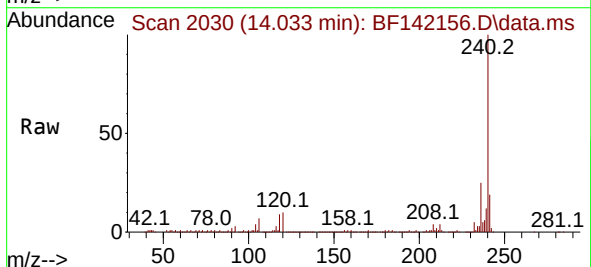
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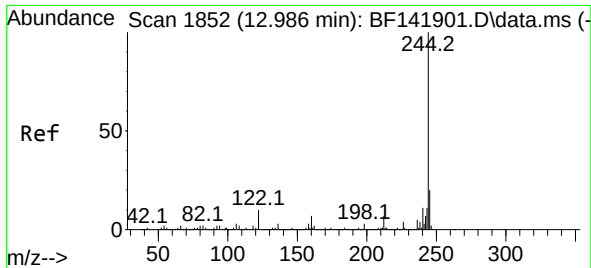
Tgt Ion:188 Resp: 573724
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 9.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

Tgt Ion:240 Resp: 344150
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.5 20.5 30.7

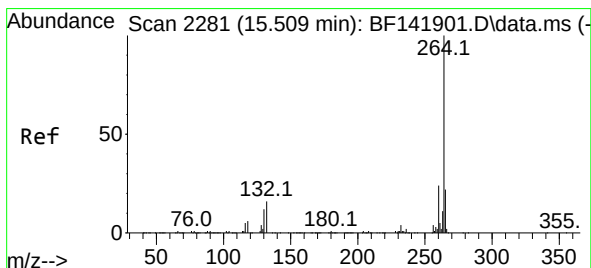
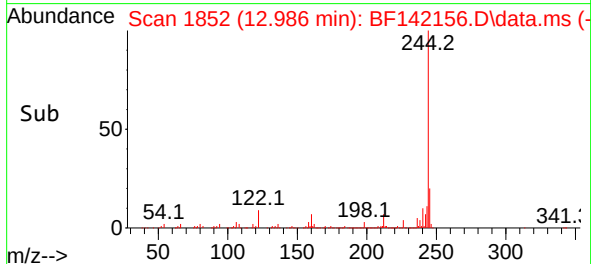
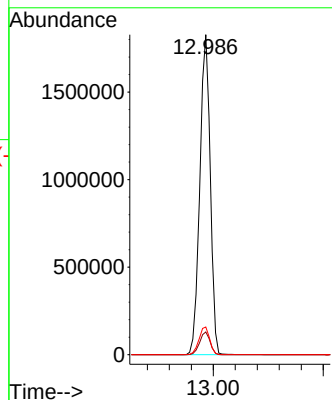
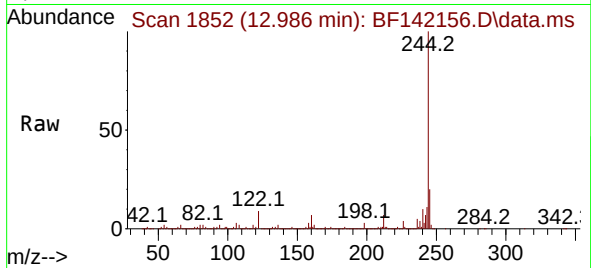




#79
 Terphenyl-d14
 Concen: 103.624 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF142156.D
 Acq: 28 Mar 2025 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PAT-1-032525

Tgt Ion:244 Resp: 2412134
 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: BF142156.D
 Acq: 28 Mar 2025 13:08

Tgt Ion:264 Resp: 345453
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.5 17.5 26.3

