

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142081.D
 Acq On : 25 Mar 2025 16:41
 Operator : RC/JU
 Sample : Q1619-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Mar 25 17:12:31 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	6.875	152	139270	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	542860	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	307148	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	500486	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	234411	20.000	ng	0.00
86) Perylene-d12	15.509	264	235614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1134864	135.998	ng	0.01
7) Phenol-d6	6.498	99	1260204	118.611	ng	0.00
23) Nitrobenzene-d5	7.434	82	1014159	105.133	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	643920	165.253	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2063885	102.191	ng	-0.01
79) Terphenyl-d14	12.980	244	2101166	132.523	ng	0.00

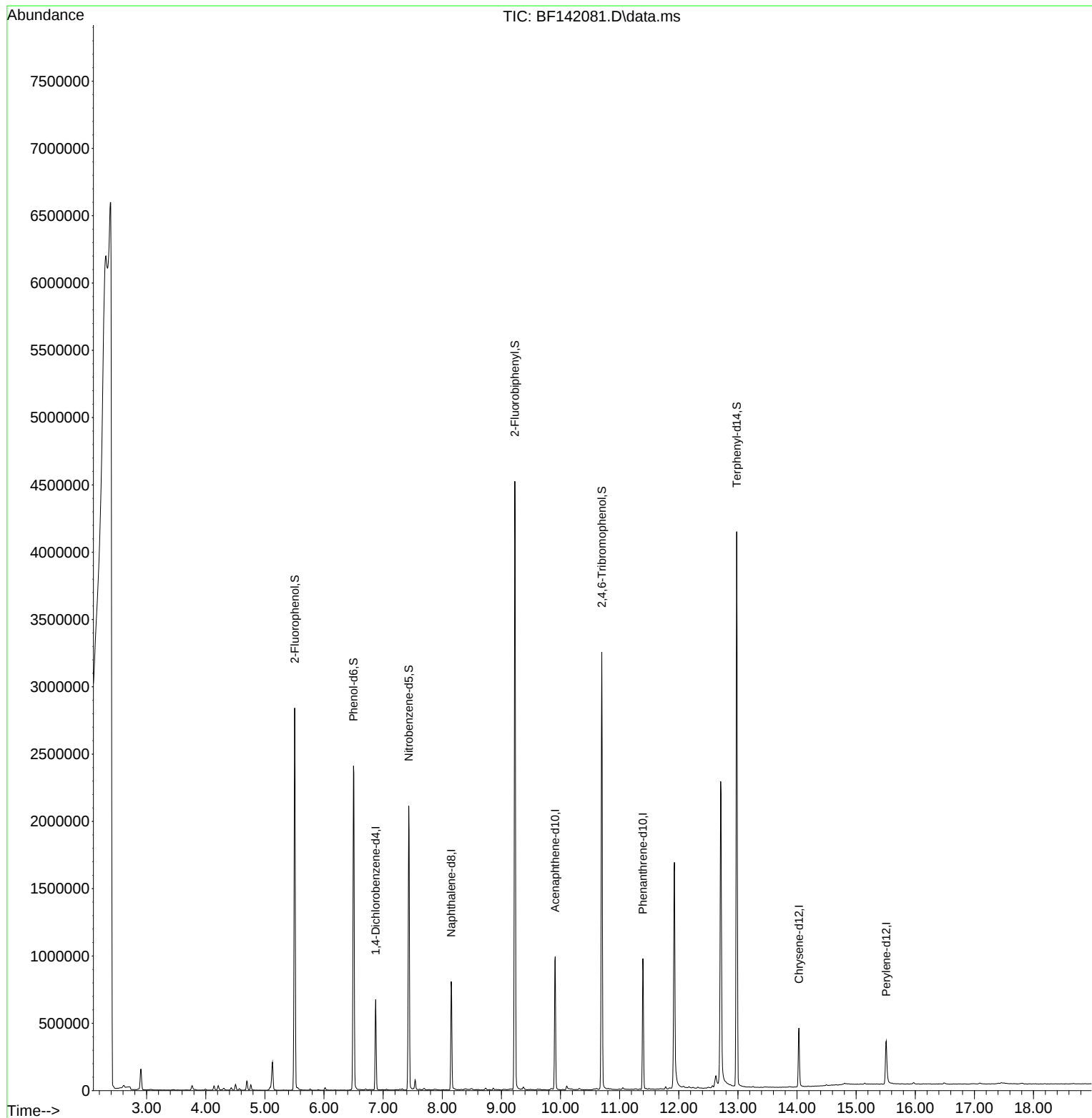
Target Compounds	Qvalue

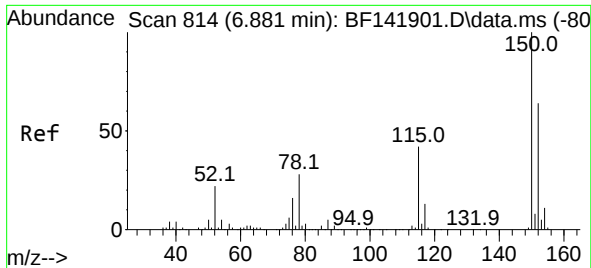
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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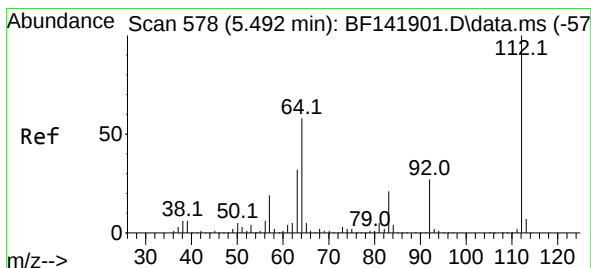
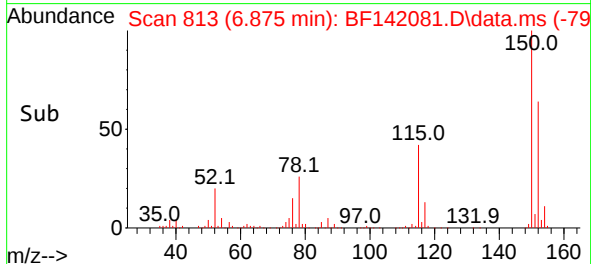
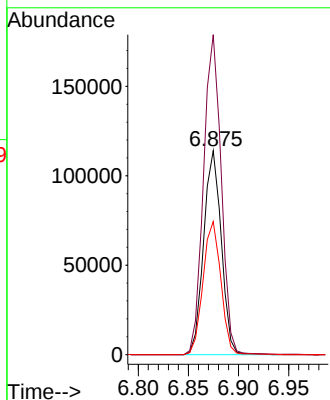
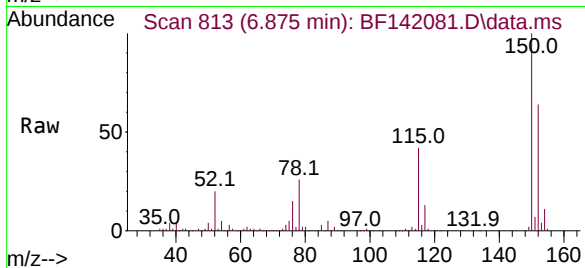




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142081.D
Acq: 25 Mar 2025 16:41

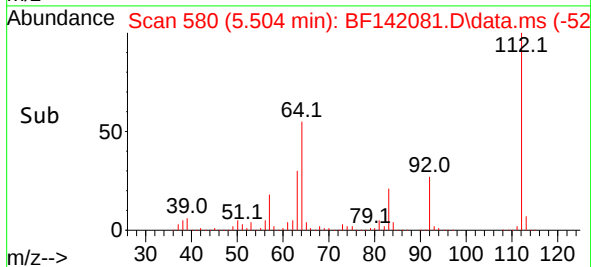
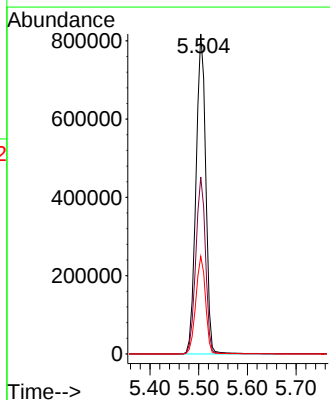
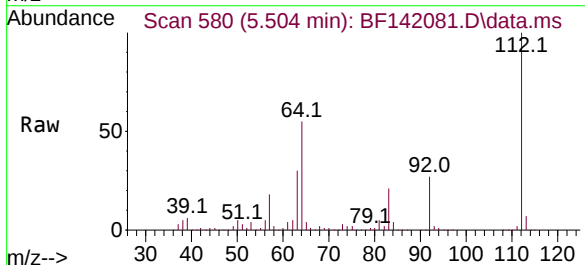
Instrument :
BNA_F
ClientSampleId :
TP-3

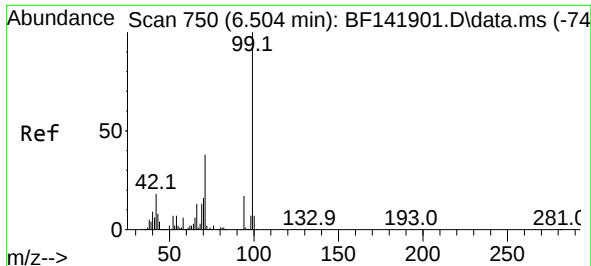
Tgt Ion:152 Resp: 139270
Ion Ratio Lower Upper
152 100
150 156.9 127.4 191.2
115 65.2 51.9 77.9



#5
2-Fluorophenol
Concen: 135.998 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142081.D
Acq: 25 Mar 2025 16:41

Tgt Ion:112 Resp: 1134864
Ion Ratio Lower Upper
112 100
64 55.3 46.5 69.7
63 30.5 25.4 38.2

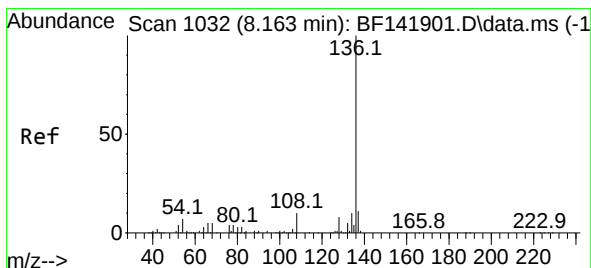
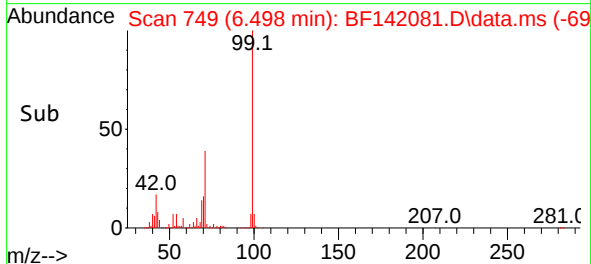
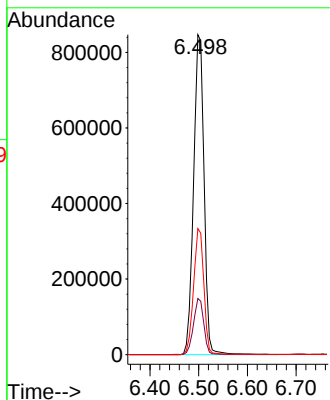
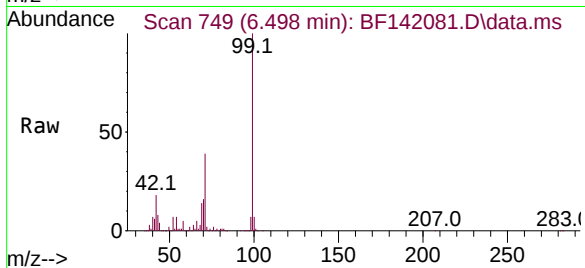




#7
Phenol-d6
Concen: 118.611 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142081.D
Acq: 25 Mar 2025 16:41

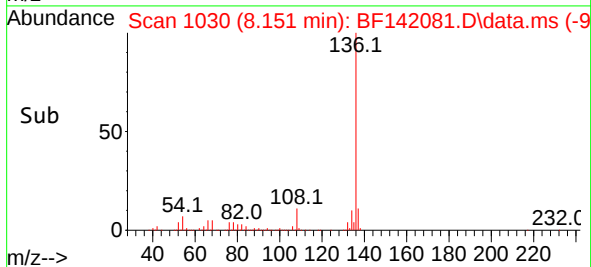
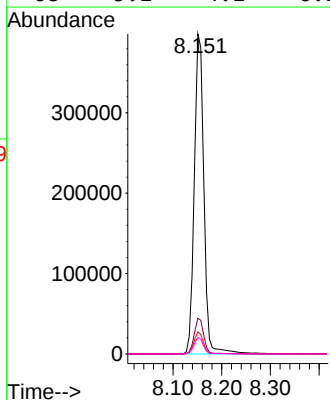
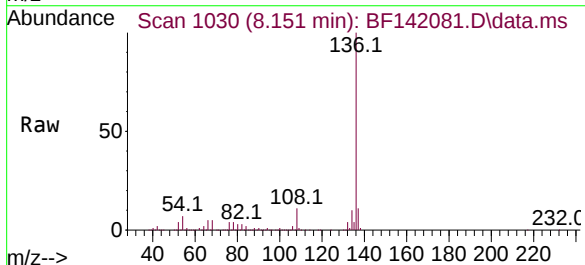
Instrument :
BNA_F
ClientSampleId :
TP-3

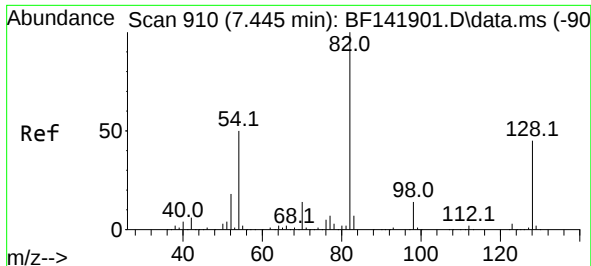
Tgt Ion: 99 Resp: 1260204
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 39.4 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142081.D
Acq: 25 Mar 2025 16:41

Tgt Ion:136 Resp: 542860
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.9 5.8 8.8
68 5.1 4.1 6.1

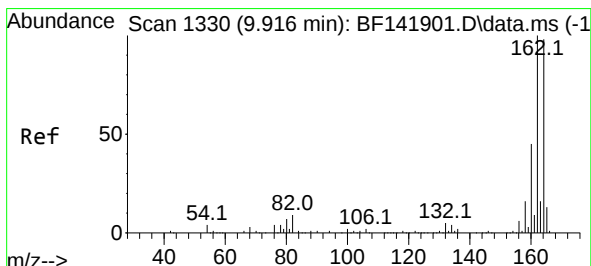
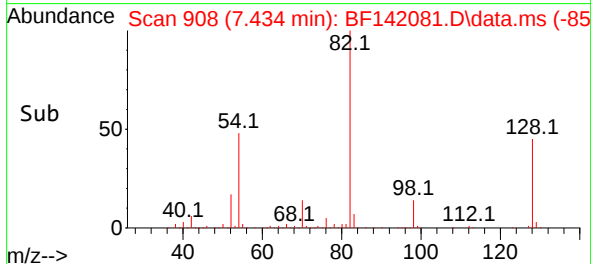
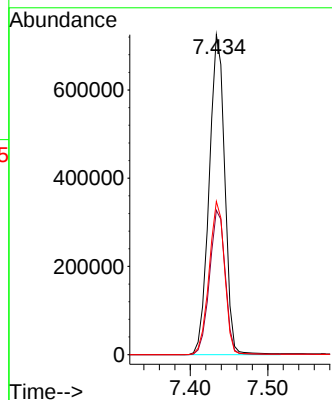
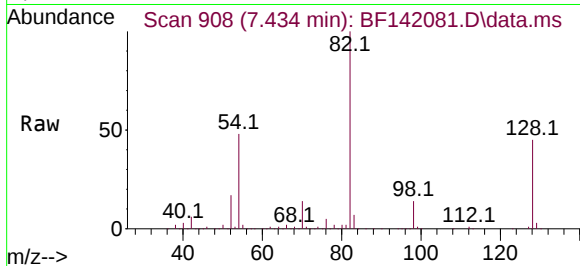




#23
 Nitrobenzene-d5
 Concen: 105.133 ng
 RT: 7.434 min Scan# 90
 Delta R.T. -0.012 min
 Lab File: BF142081.D
 Acq: 25 Mar 2025 16:41

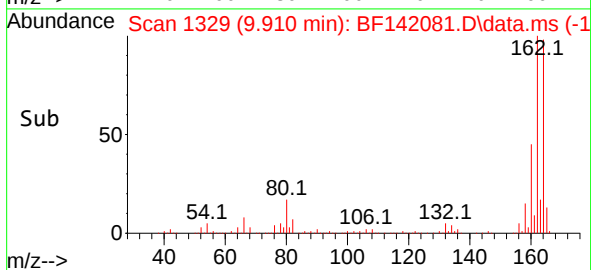
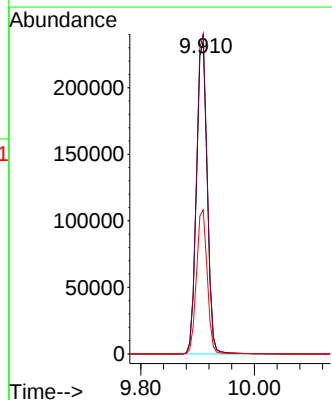
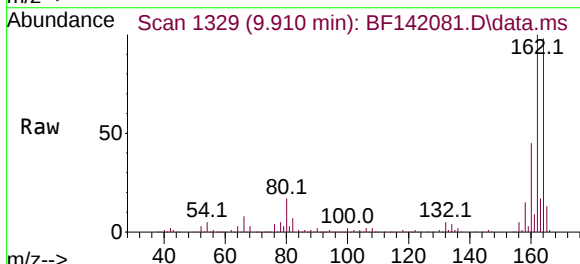
Instrument :
 BNA_F
 ClientSampleId :
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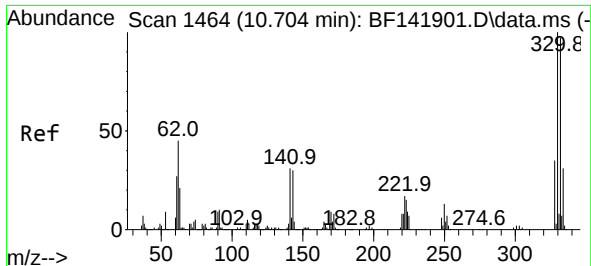
Tgt Ion: 82 Resp: 1014159
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.0 54.0
 54 47.9 39.6 59.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF142081.D
 Acq: 25 Mar 2025 16:41

Tgt Ion:164 Resp: 307148
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.8 122.6
 160 46.1 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 165.253 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142081.D

Acq: 25 Mar 2025 16:41

Instrument :

BNA_F

ClientSampleId :

TP-3

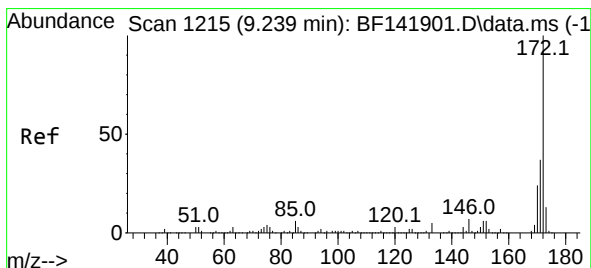
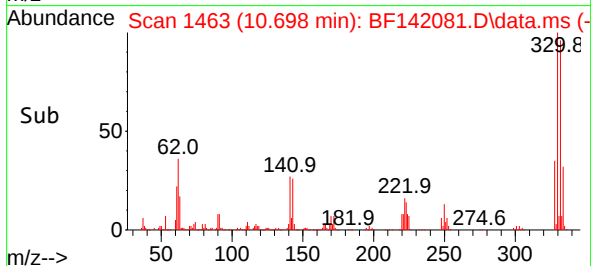
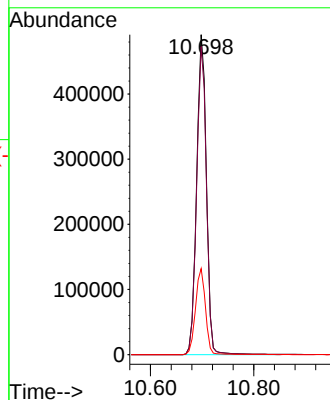
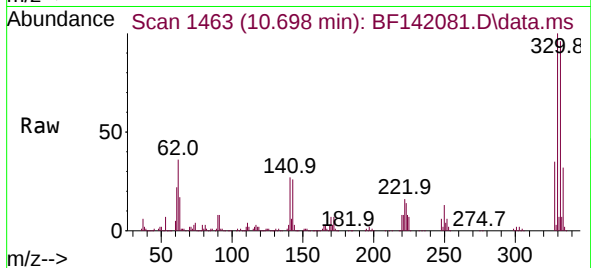
Tgt Ion:330 Resp: 643920

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

141 27.5 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 102.191 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142081.D

Acq: 25 Mar 2025 16:41

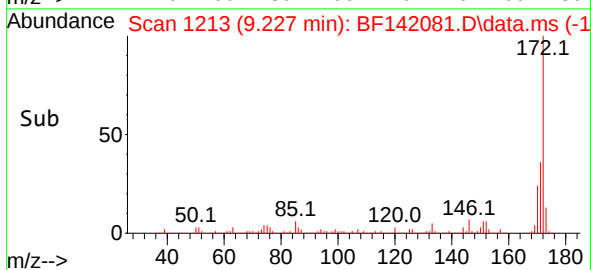
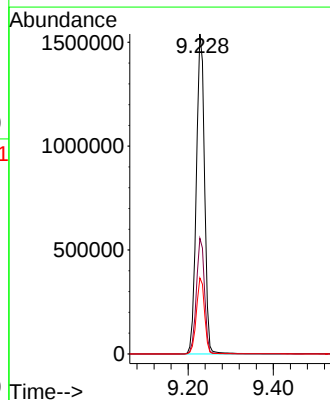
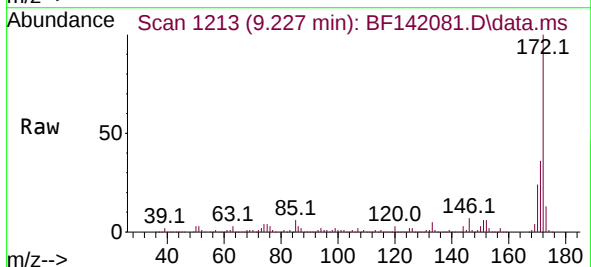
Tgt Ion:172 Resp: 2063885

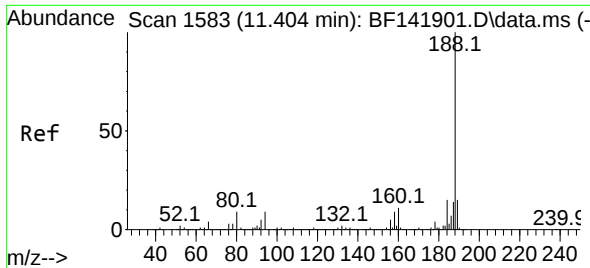
Ion Ratio Lower Upper

172 100

171 36.1 29.3 43.9

170 23.7 19.4 29.0

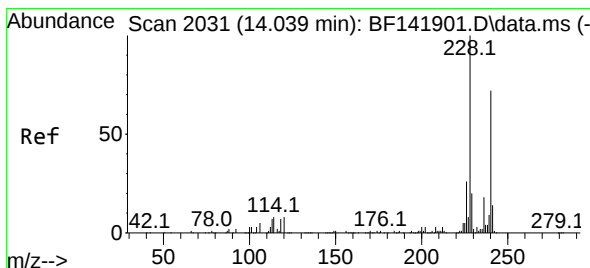
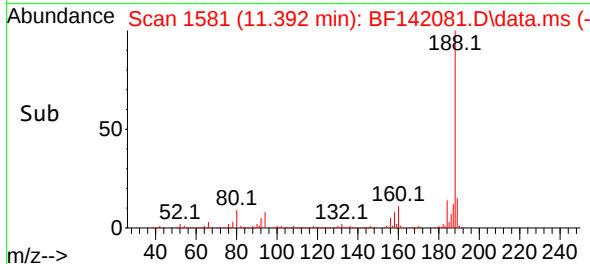
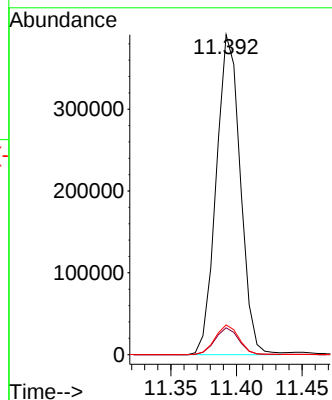
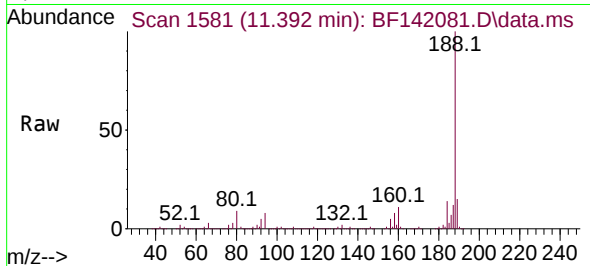




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142081.D
Acq: 25 Mar 2025 16:41

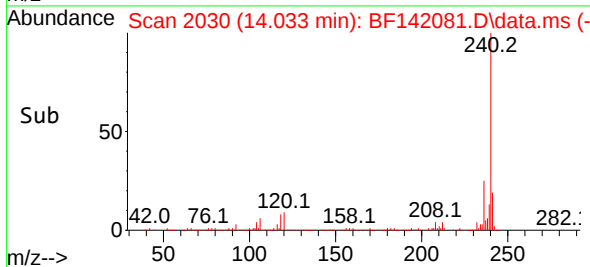
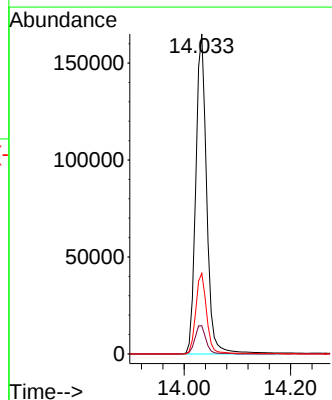
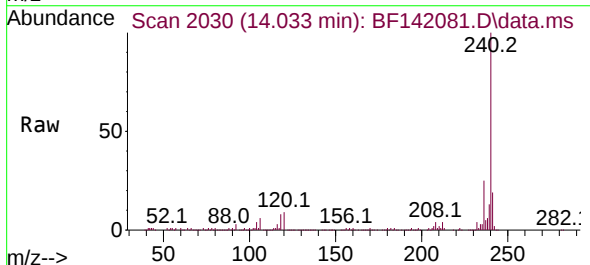
Instrument :
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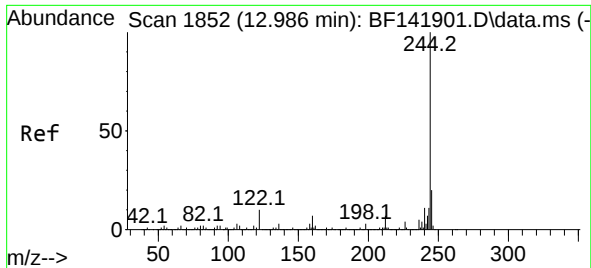
Tgt Ion:188 Resp: 500486
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142081.D
Acq: 25 Mar 2025 16:41

Tgt Ion:240 Resp: 234411
Ion Ratio Lower Upper
240 100
120 8.8 8.4 12.6
236 25.2 20.5 30.7

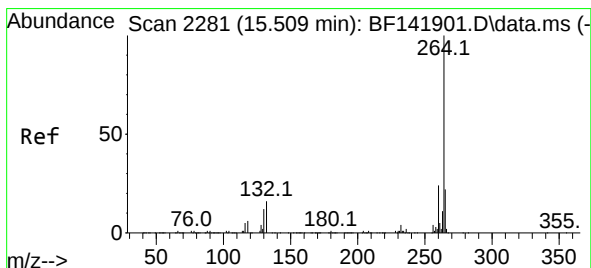
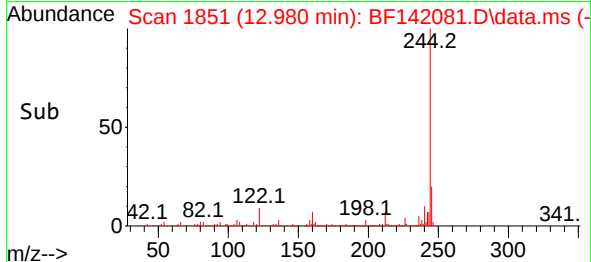
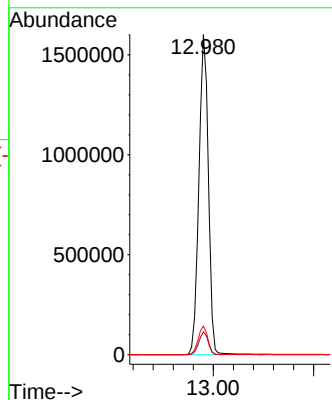
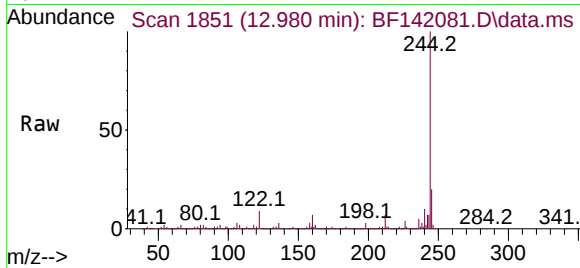




#79
 Terphenyl-d14
 Concen: 132.523 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142081.D
 Acq: 25 Mar 2025 16:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 2101166
 Ion Ratio Lower Upper
 244 100
 212 7.1 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: BF142081.D
 Acq: 25 Mar 2025 16:41

Tgt Ion:264 Resp: 235614
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.6 17.5 26.3

