

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
 Data File : BF142774.D
 Acq On : 18 Jun 2025 12:46
 Operator : RC/JU
 Sample : PB168505BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168505BL

Quant Time: Jun 18 13:06:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	79556	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	305545	20.000	ng	-0.02
39) Acenaphthene-d10	9.922	164	165613	20.000	ng	-0.02
64) Phenanthrene-d10	11.410	188	296691	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	193772	20.000	ng	-0.01
86) Perylene-d12	15.545	264	176878	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	612245	131.070	ng	0.00
7) Phenol-d6	6.510	99	729500	132.703	ng	-0.01
23) Nitrobenzene-d5	7.445	82	456374	81.743	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	236745	130.431	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	996865	79.969	ng	-0.01
79) Terphenyl-d14	13.004	244	1049468	74.385	ng	0.00

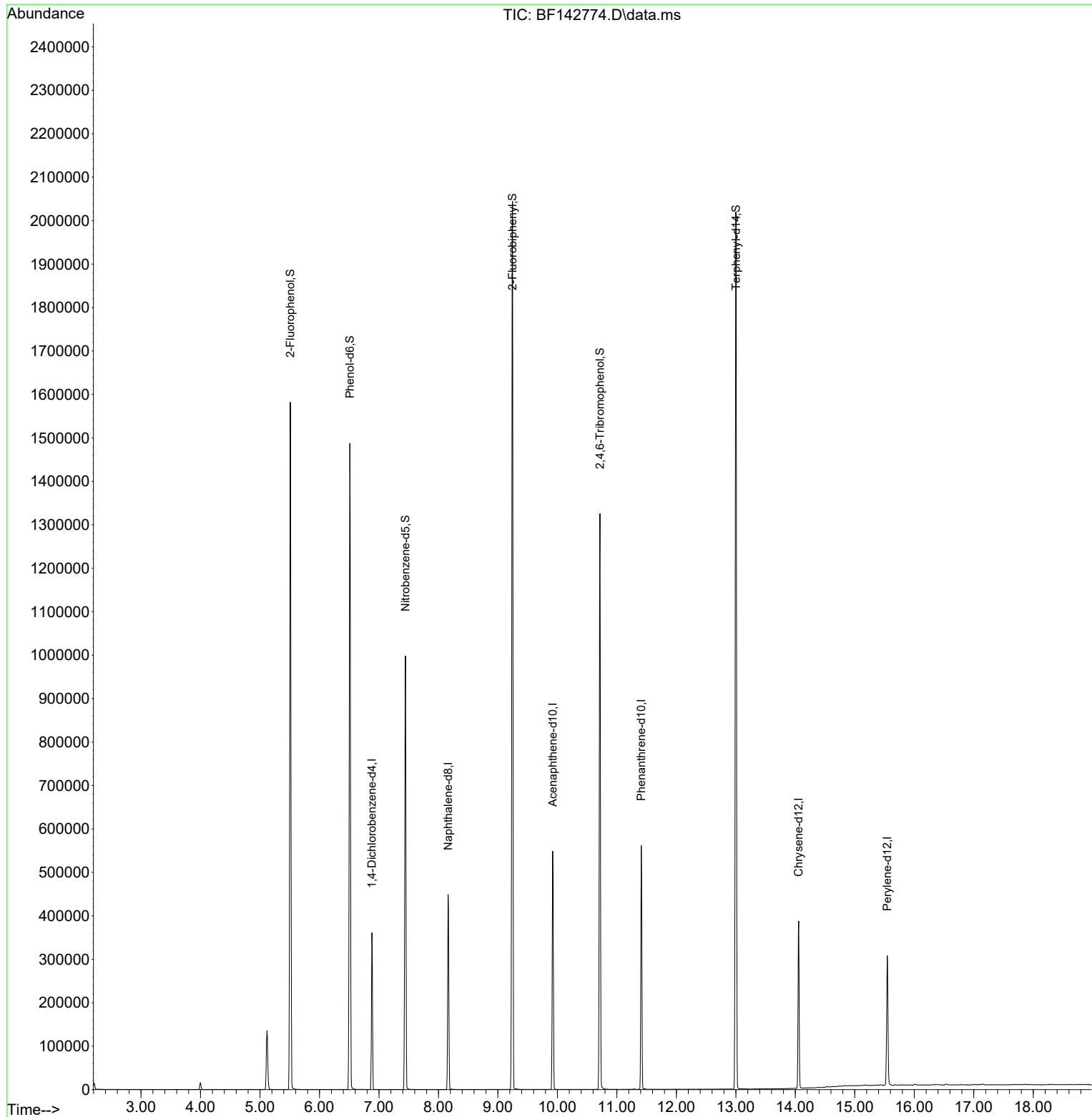
Target Compounds	Qvalue

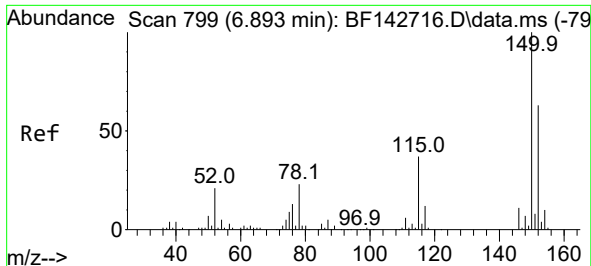
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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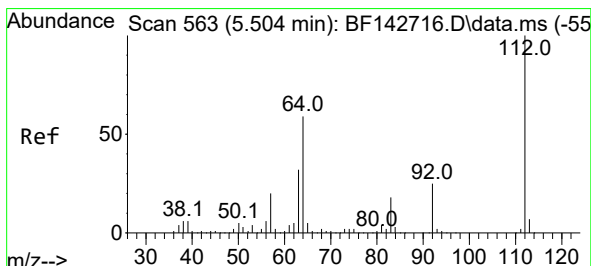
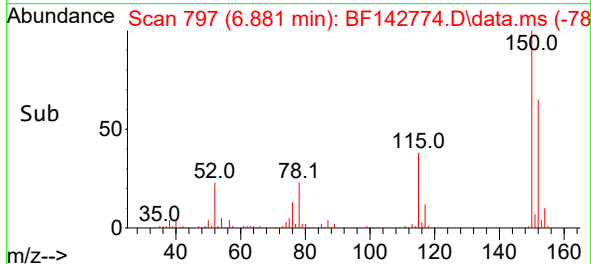
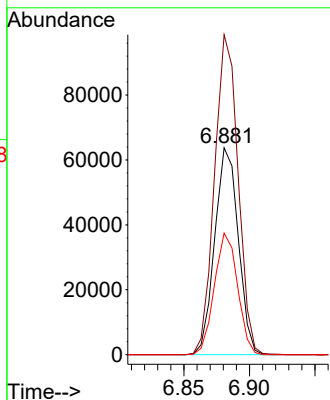
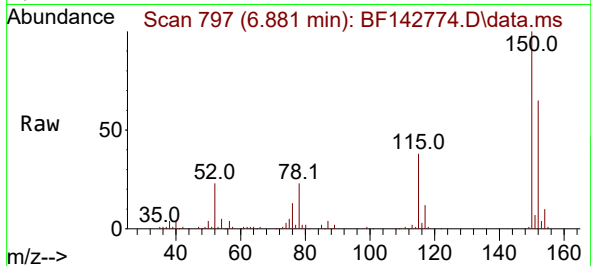




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 799
 Delta R.T. -0.012 min
 Lab File: BF142774.D
 Acq: 18 Jun 2025 12:46

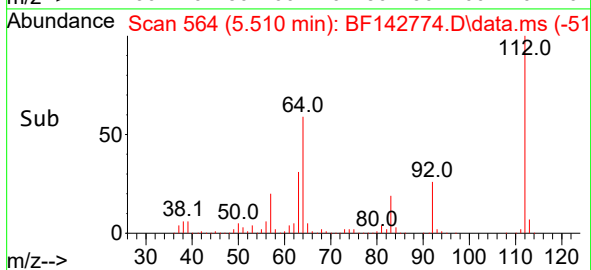
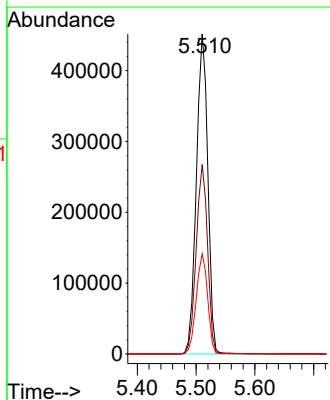
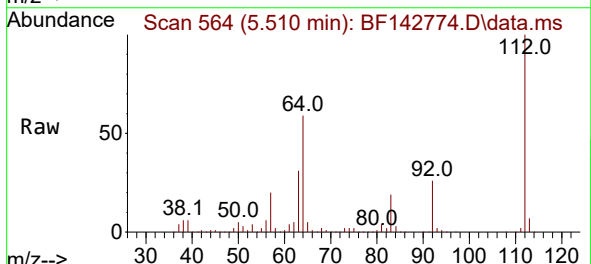
Instrument :
 BNA_F
 ClientSampleId :
 PB168505BL

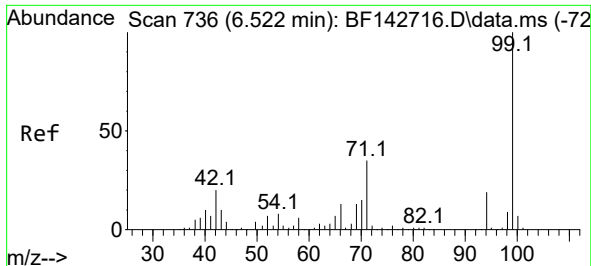
Tgt Ion:152 Resp: 79556
 Ion Ratio Lower Upper
 152 100
 150 154.7 126.9 190.3
 115 58.8 47.0 70.6



#5
 2-Fluorophenol
 Concen: 131.070 ng
 RT: 5.510 min Scan# 564
 Delta R.T. 0.006 min
 Lab File: BF142774.D
 Acq: 18 Jun 2025 12:46

Tgt Ion:112 Resp: 612245
 Ion Ratio Lower Upper
 112 100
 64 59.2 47.4 71.2
 63 31.3 25.4 38.0

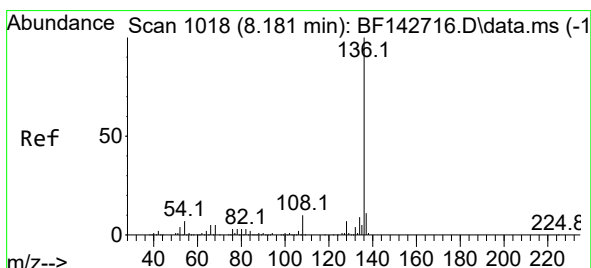
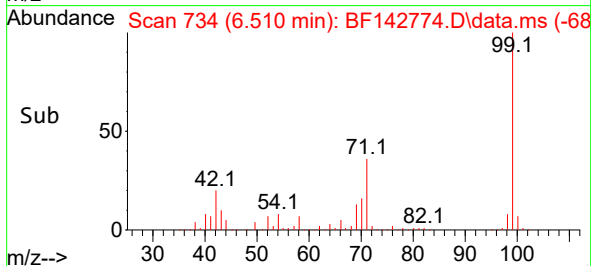
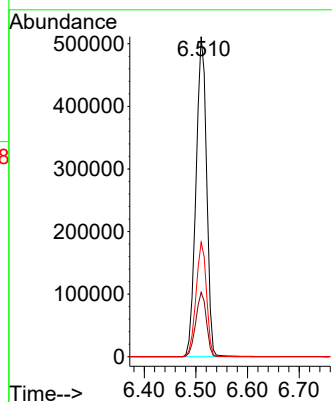
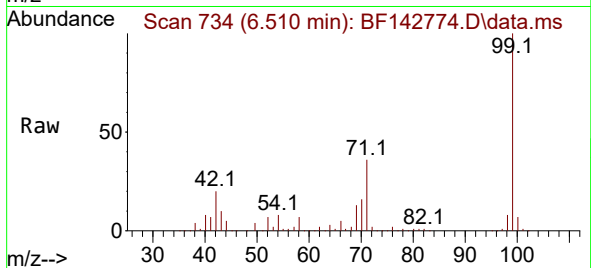




#7
Phenol-d6
Concen: 132.703 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142774.D
Acq: 18 Jun 2025 12:46

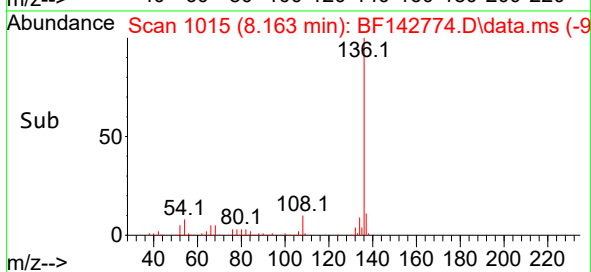
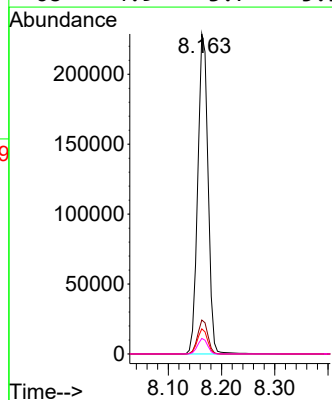
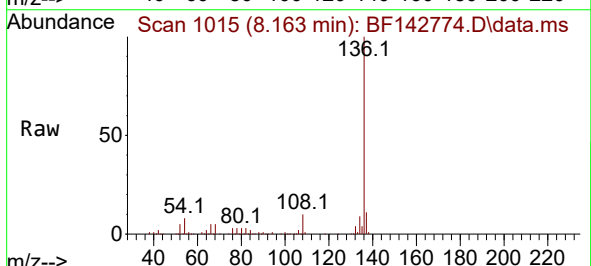
Instrument :
BNA_F
ClientSampleId :
PB168505BL

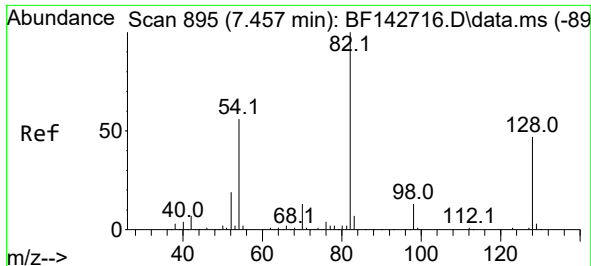
Tgt Ion: 99 Resp: 729500
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 35.7 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.018 min
Lab File: BF142774.D
Acq: 18 Jun 2025 12:46

Tgt Ion: 136 Resp: 305545
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.8 5.9 8.9
68 4.9 3.7 5.5





#23

Nitrobenzene-d5

Concen: 81.743 ng

RT: 7.445 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142774.D

Acq: 18 Jun 2025 12:46

Instrument :

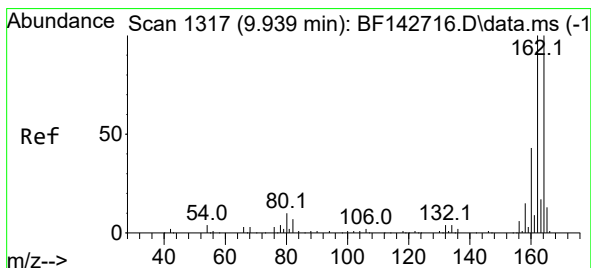
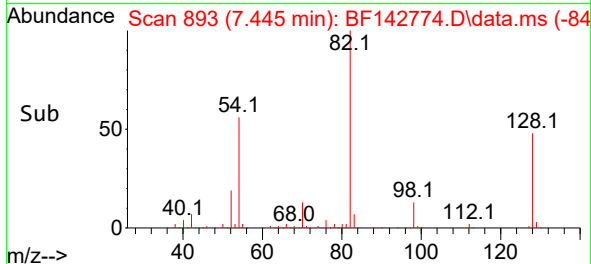
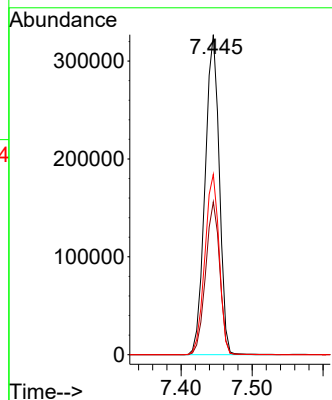
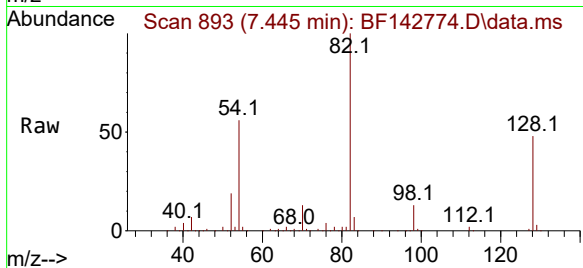
BNA_F

ClientSampleId :

PB168505BL

Tgt Ion: 82 Resp: 456374

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.8	56.8
54	56.4	44.9	67.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

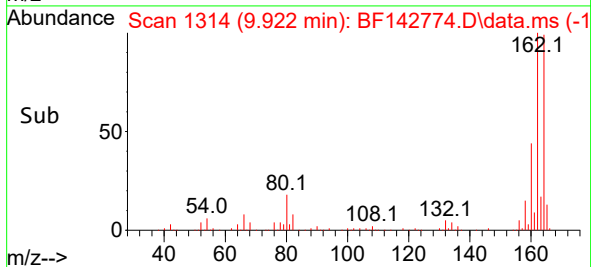
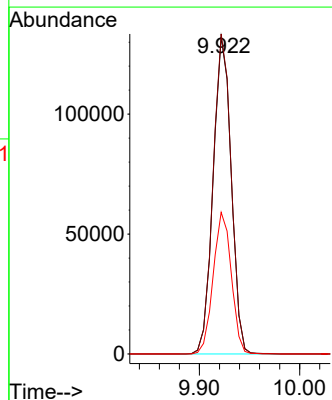
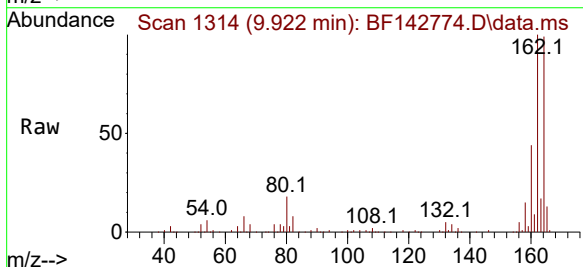
Delta R.T. -0.018 min

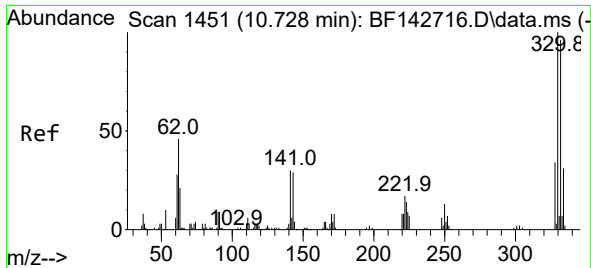
Lab File: BF142774.D

Acq: 18 Jun 2025 12:46

Tgt Ion:164 Resp: 165613

Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.9	119.9
160	44.7	34.8	52.2

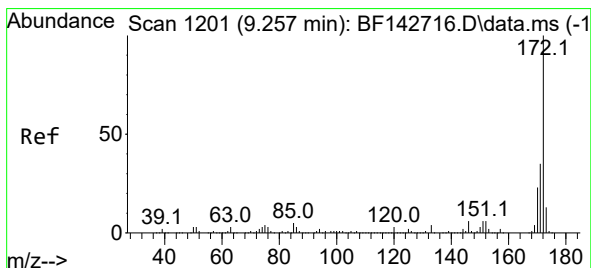
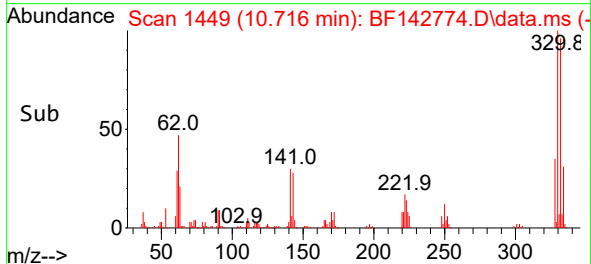
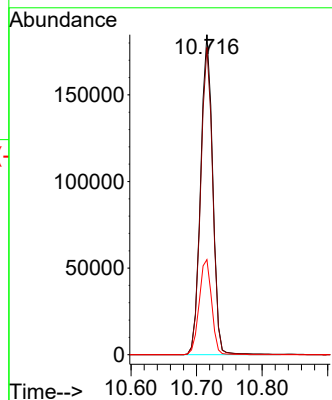
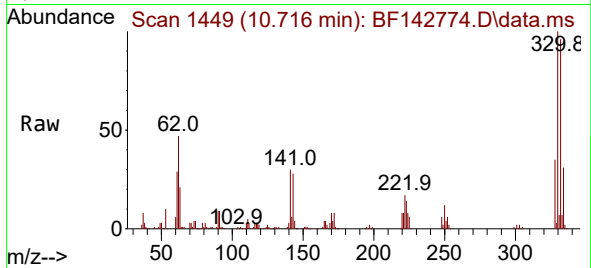




#42
2,4,6-Tribromophenol
Concen: 130.431 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF142774.D
Acq: 18 Jun 2025 12:46

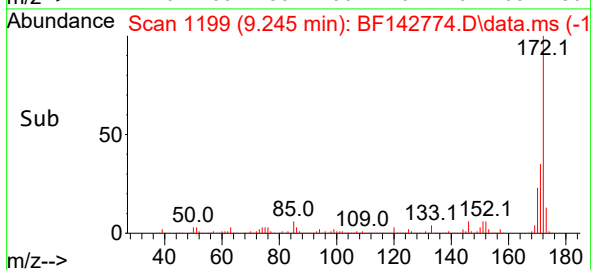
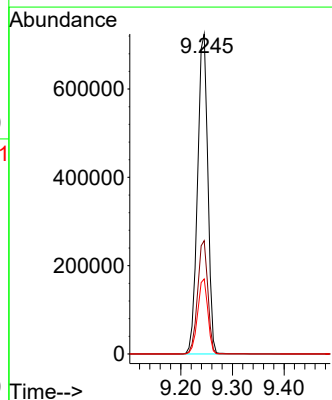
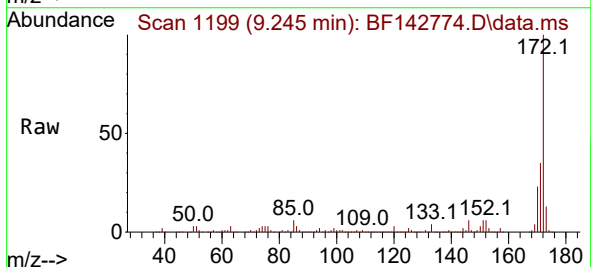
Instrument :
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PB168505BL

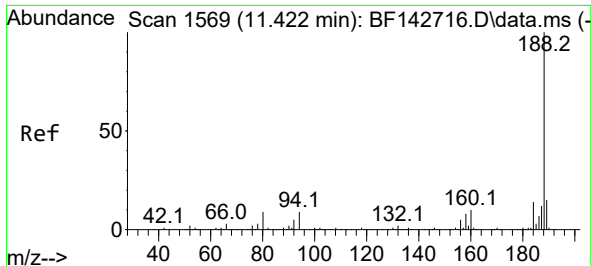
Tgt Ion:330 Resp: 236745
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 30.7 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 79.969 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF142774.D
Acq: 18 Jun 2025 12:46

Tgt Ion:172 Resp: 996865
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.4 18.6 27.8

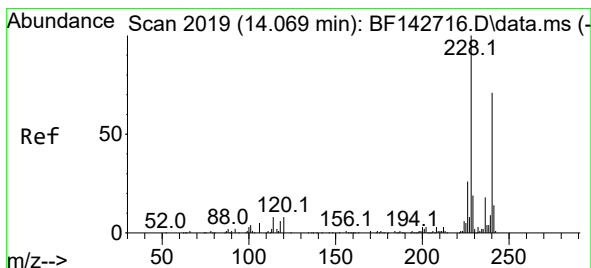
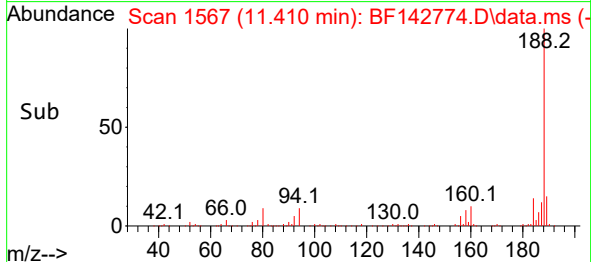
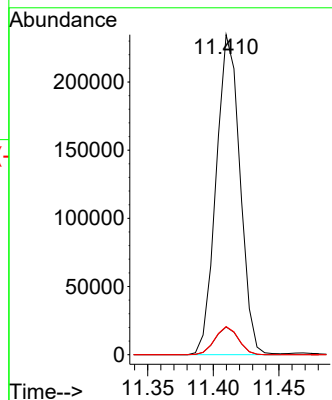
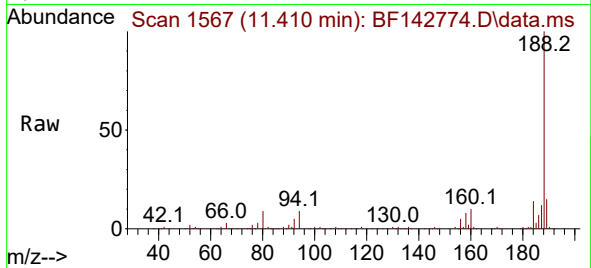




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142774.D
Acq: 18 Jun 2025 12:46

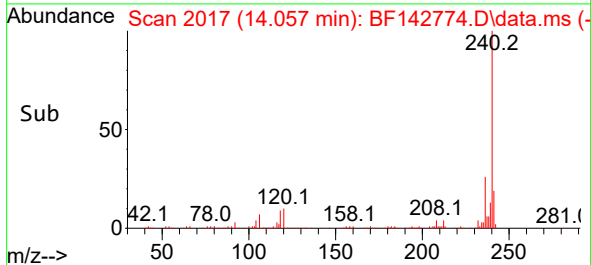
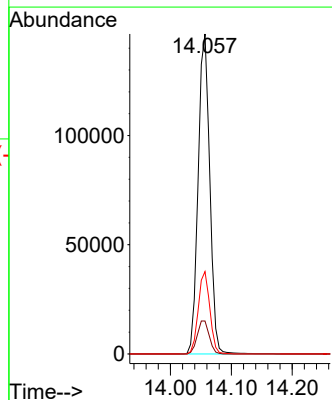
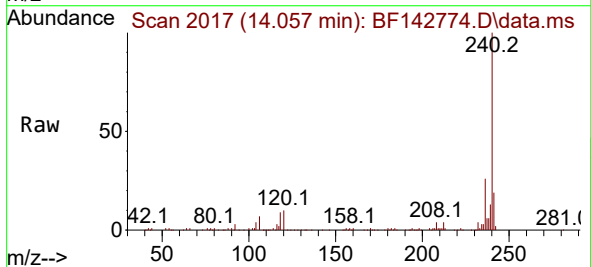
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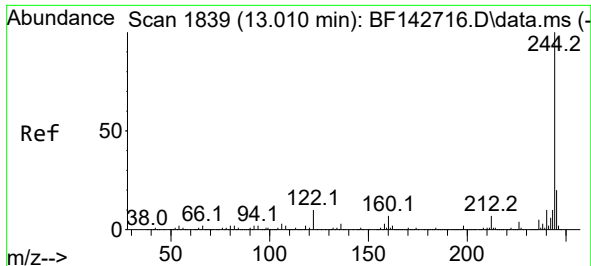
Tgt Ion:188 Resp: 296691
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 8.8 7.1 10.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF142774.D
Acq: 18 Jun 2025 12:46

Tgt Ion:240 Resp: 193772
Ion Ratio Lower Upper
240 100
120 10.3 8.5 12.7
236 25.8 20.1 30.1

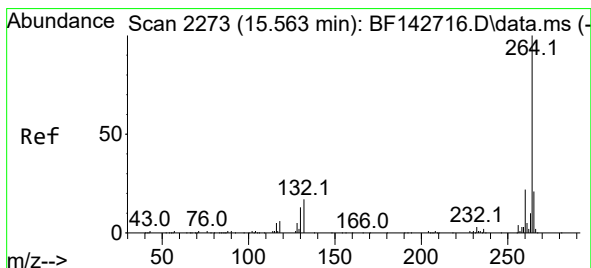
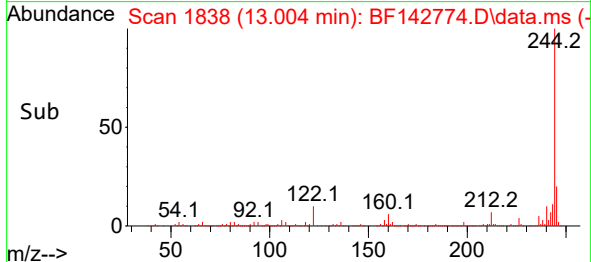
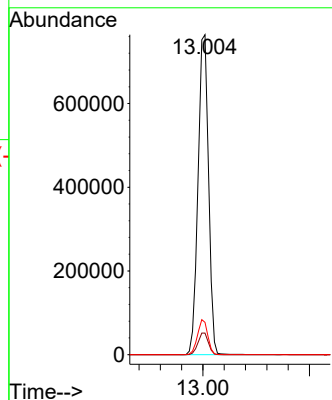
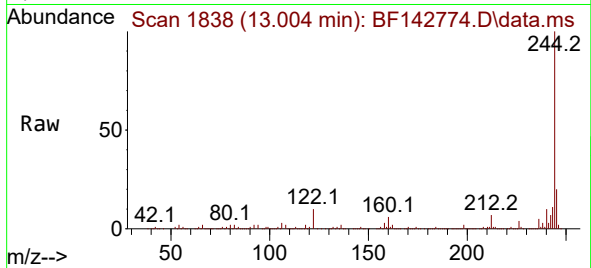




#79
 Terphenyl-d14
 Concen: 74.385 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142774.D
 Acq: 18 Jun 2025 12:46

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1049468
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. -0.018 min
 Lab File: BF142774.D
 Acq: 18 Jun 2025 12:46

Tgt Ion:264 Resp: 176878
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.8 26.6
 265 21.4 16.6 25.0

