

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142890.D
 Acq On : 27 Jun 2025 13:48
 Operator : RC/JU
 Sample : Q2413-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-77

Quant Time: Jun 27 14:13:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

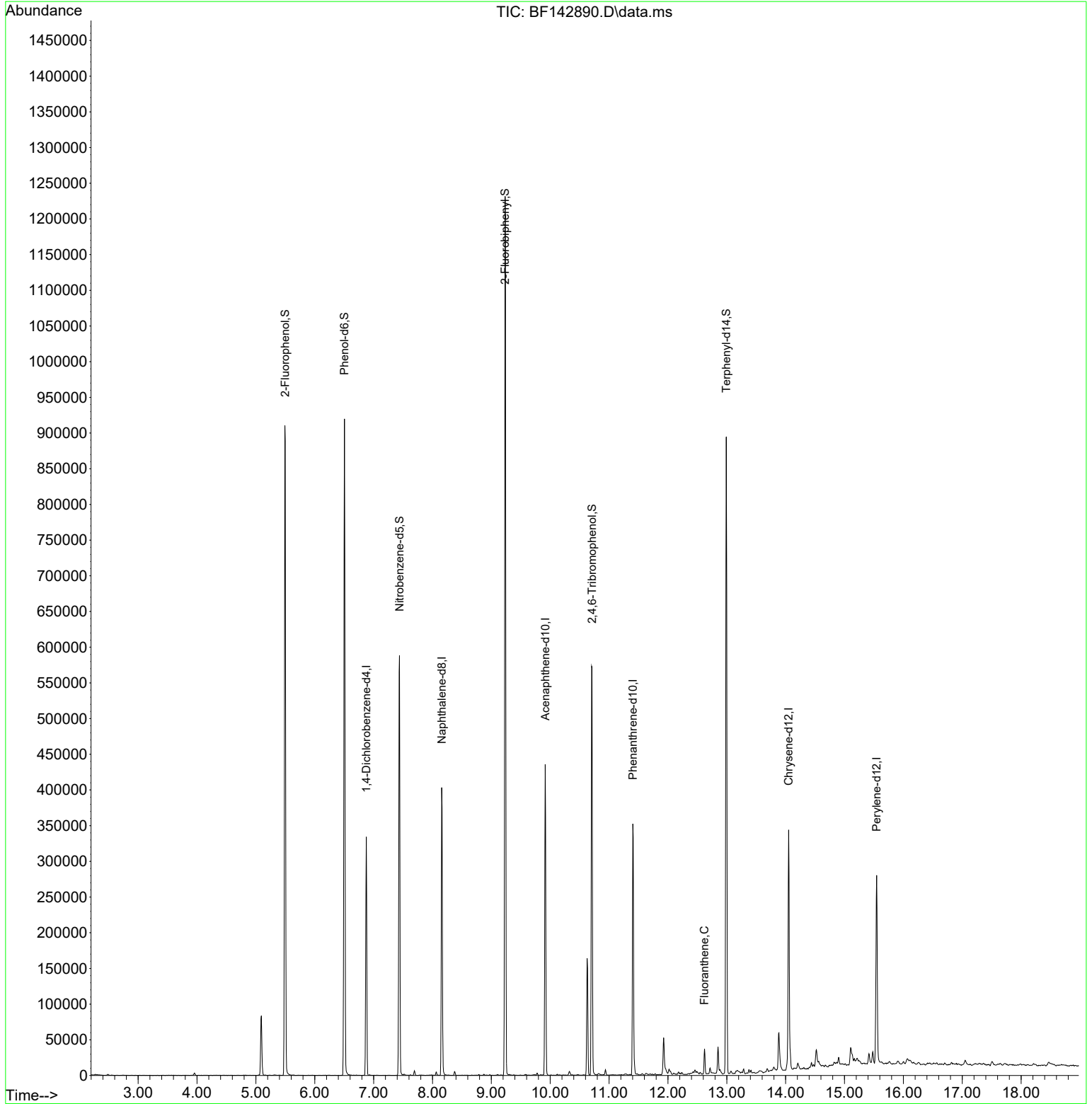
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	71725	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	266677	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	131150	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	189644	20.000	ng	0.00
76) Chrysene-d12	14.051	240	153845	20.000	ng	0.00
86) Perylene-d12	15.545	264	153297	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	357655	83.021	ng	0.00
7) Phenol-d6	6.504	99	421280	82.887	ng	0.00
23) Nitrobenzene-d5	7.440	82	255919	52.638	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	99559	73.768	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	550592	55.150	ng	-0.01
79) Terphenyl-d14	12.992	244	426892	38.340	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.622	202	20300	2.082	ng	100

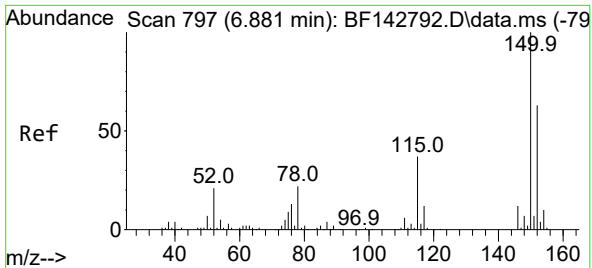
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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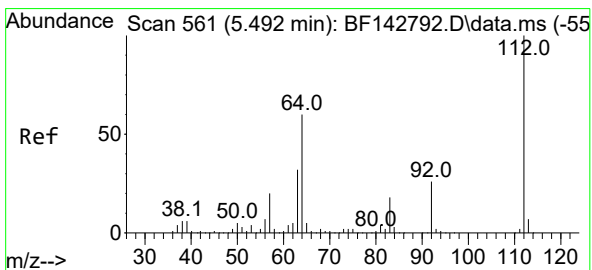
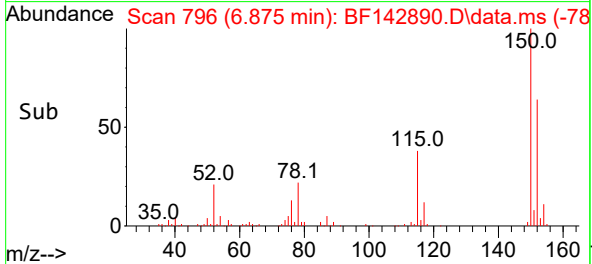
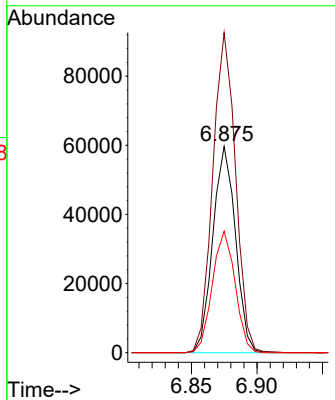
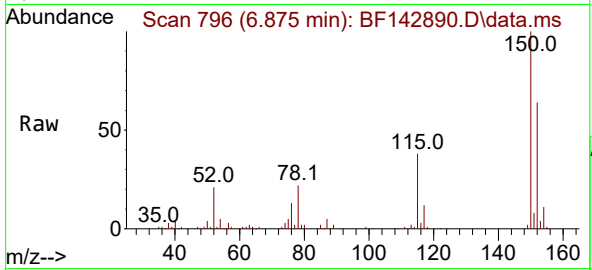




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142890.D
 Acq: 27 Jun 2025 13:48

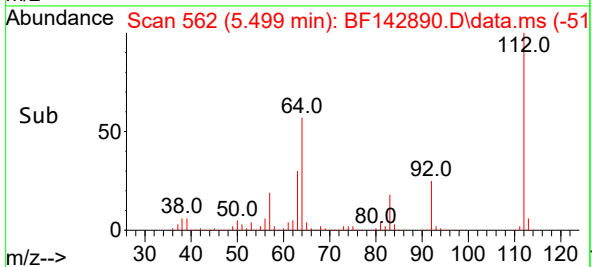
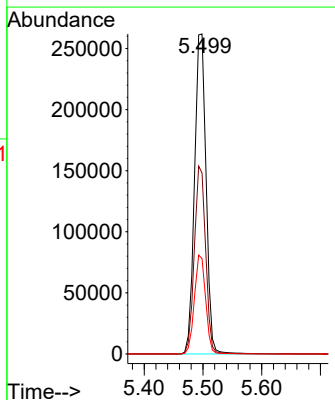
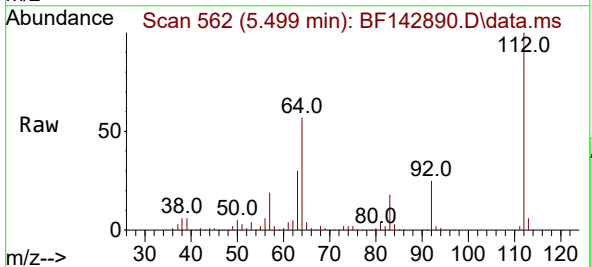
Instrument :
 BNA_F
 ClientSampleId :
 TP-77

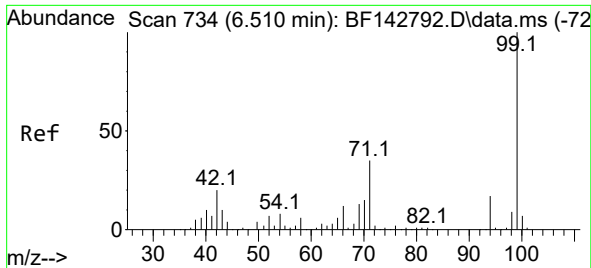
Tgt Ion:152 Resp: 71725
 Ion Ratio Lower Upper
 152 100
 150 155.1 127.2 190.8
 115 58.8 46.6 69.8



#5
 2-Fluorophenol
 Concen: 83.021 ng
 RT: 5.499 min Scan# 562
 Delta R.T. 0.007 min
 Lab File: BF142890.D
 Acq: 27 Jun 2025 13:48

Tgt Ion:112 Resp: 357655
 Ion Ratio Lower Upper
 112 100
 64 56.5 48.2 72.2
 63 29.8 25.7 38.5



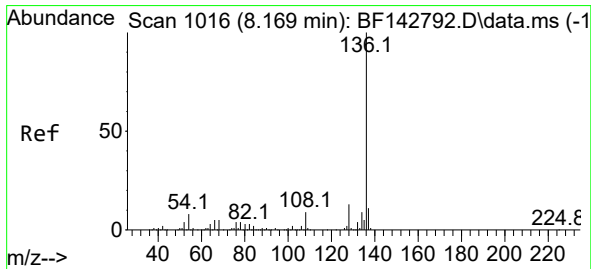
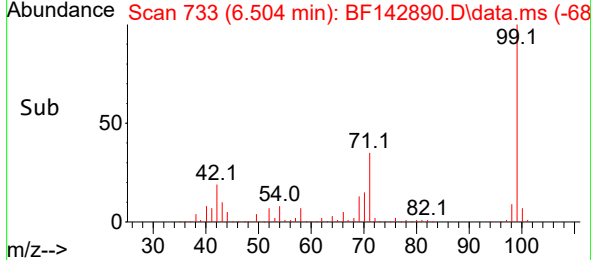
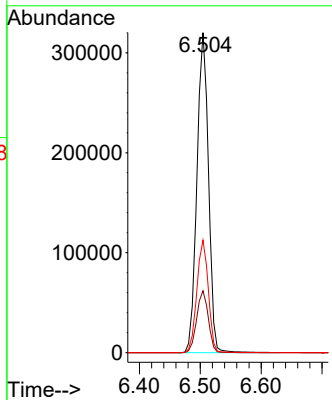
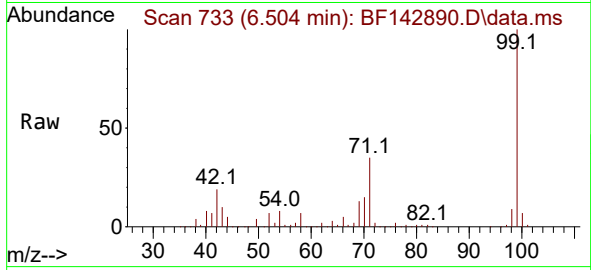


#7
 Phenol-d6
 Concen: 82.887 ng
 RT: 6.504 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF142890.D
 Acq: 27 Jun 2025 13:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-77

Tgt Ion: 99 Resp: 421280

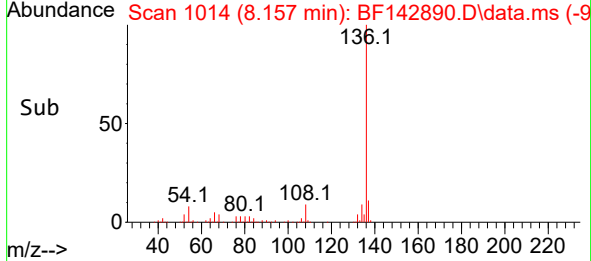
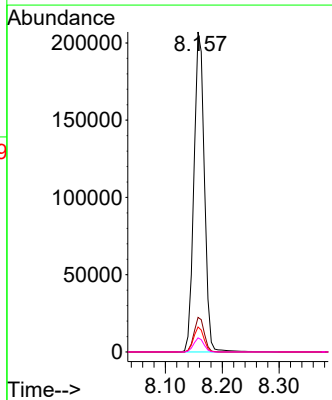
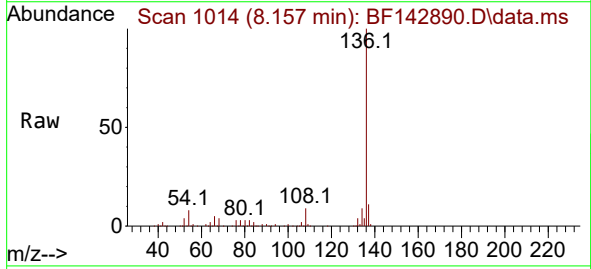
Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.9	23.9
71	35.1	27.8	41.8

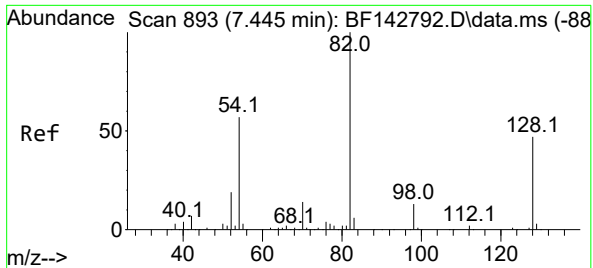


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.157 min Scan# 1014
 Delta R.T. -0.012 min
 Lab File: BF142890.D
 Acq: 27 Jun 2025 13:48

Tgt Ion: 136 Resp: 266677

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.8	6.3	9.5
68	4.4	3.7	5.5



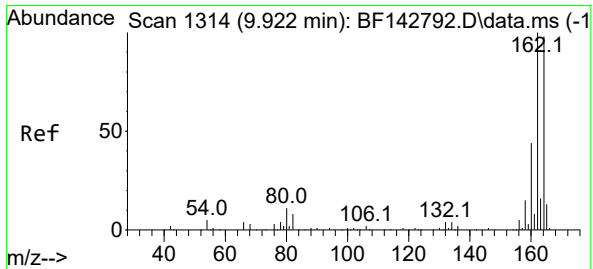
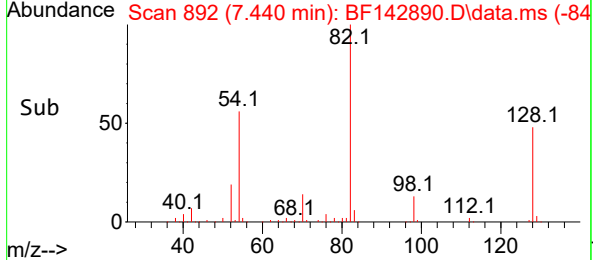
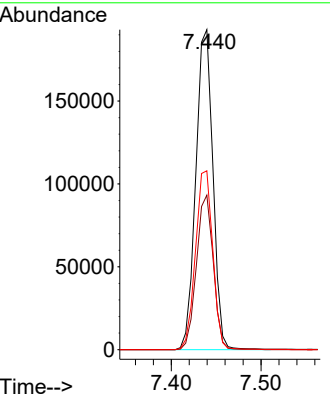
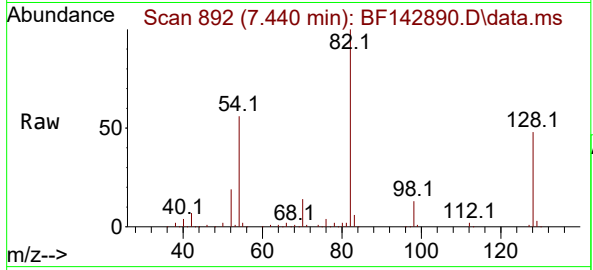


#23
 Nitrobenzene-d5
 Concen: 52.638 ng
 RT: 7.440 min Scan# 89
 Delta R.T. -0.005 min
 Lab File: BF142890.D
 Acq: 27 Jun 2025 13:48

Instrument : BNA_F
 ClientSampleId : TP-77

Tgt Ion: 82 Resp: 255919

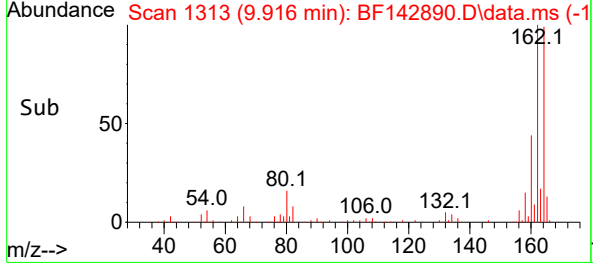
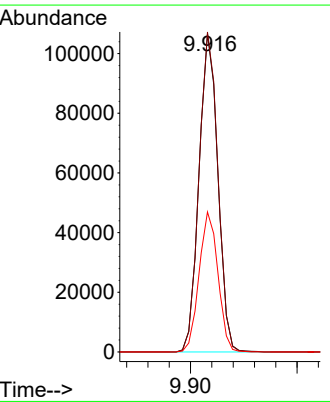
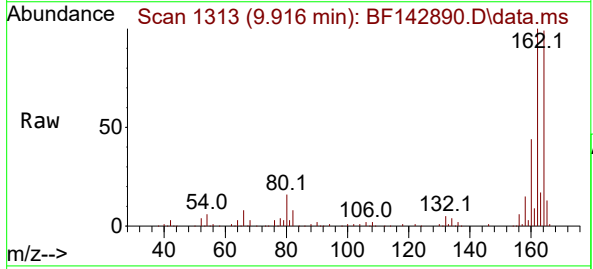
Ion	Ratio	Lower	Upper
82	100		
128	48.3	37.7	56.5
54	55.9	45.7	68.5

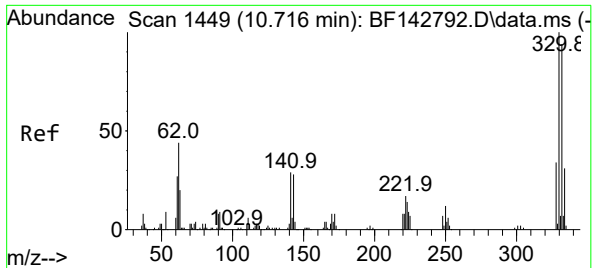


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1313
 Delta R.T. -0.006 min
 Lab File: BF142890.D
 Acq: 27 Jun 2025 13:48

Tgt Ion: 164 Resp: 131150

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.8	122.8
160	44.0	36.0	54.0

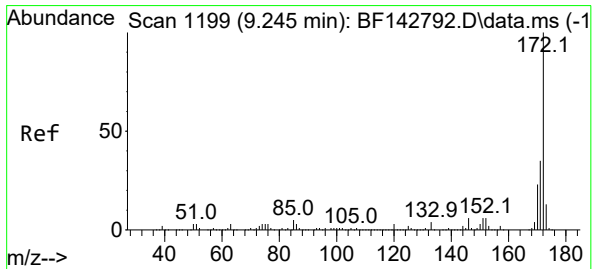
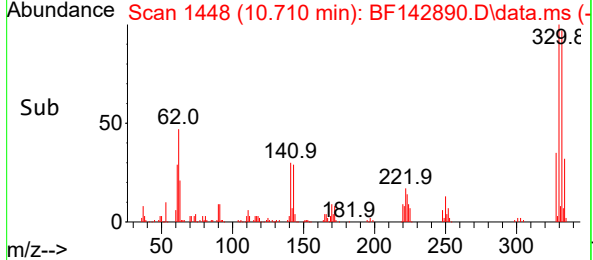
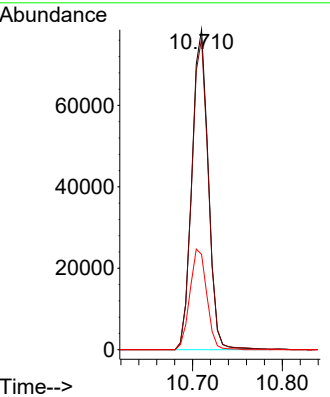
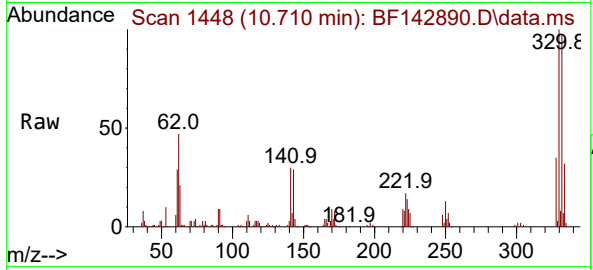




#42
 2,4,6-Tribromophenol
 Concen: 73.768 ng
 RT: 10.710 min Scan# 1448
 Delta R.T. -0.006 min
 Lab File: BF142890.D
 Acq: 27 Jun 2025 13:48

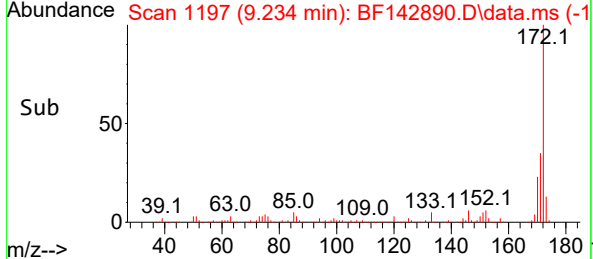
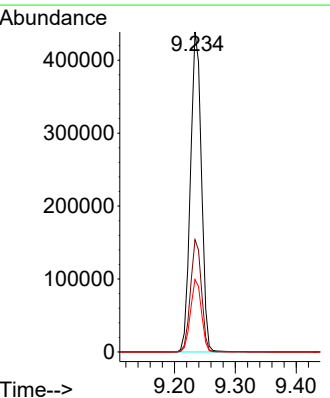
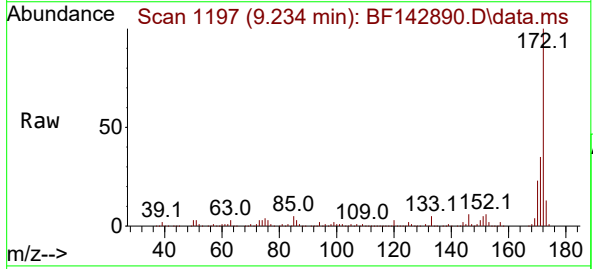
Instrument : BNA_F
 ClientSampleId : TP-77

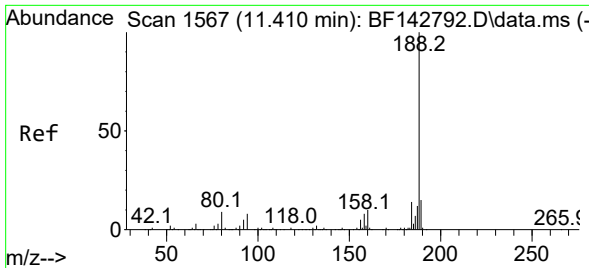
Tgt Ion	Resp	Lower	Upper
330	100		
332	98.1	75.0	112.6
141	32.4	25.3	37.9



#45
 2-Fluorobiphenyl
 Concen: 55.150 ng
 RT: 9.234 min Scan# 1197
 Delta R.T. -0.011 min
 Lab File: BF142890.D
 Acq: 27 Jun 2025 13:48

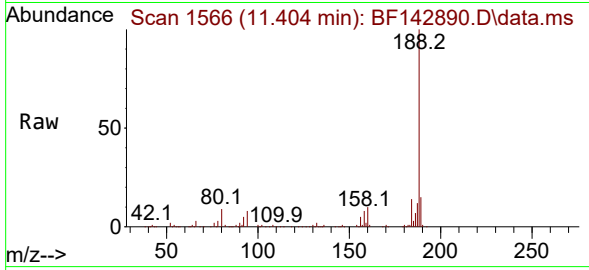
Tgt Ion	Resp	Lower	Upper
172	100		
171	35.1	28.2	42.4
170	22.6	18.5	27.7



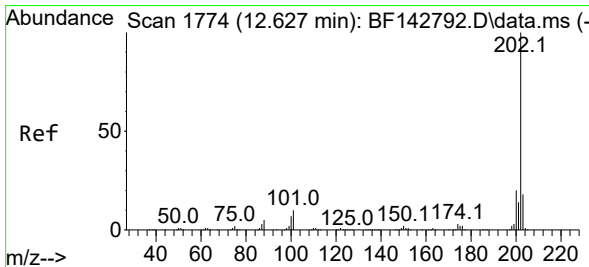
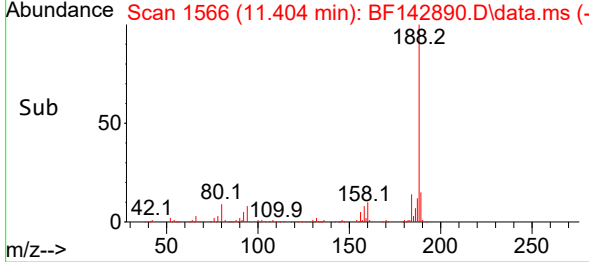
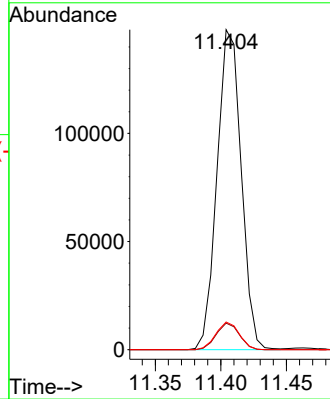


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.404 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: BF142890.D
 Acq: 27 Jun 2025 13:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-77

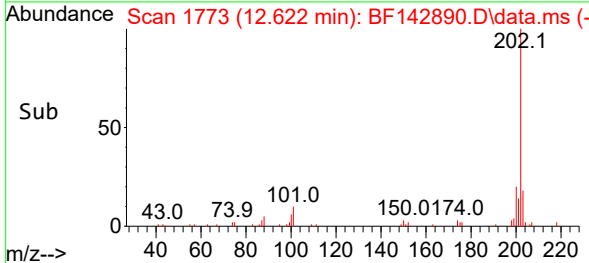
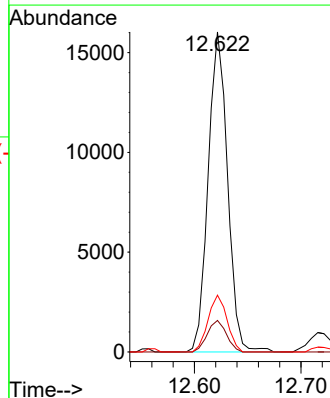
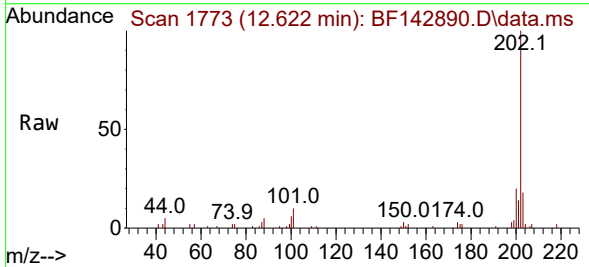


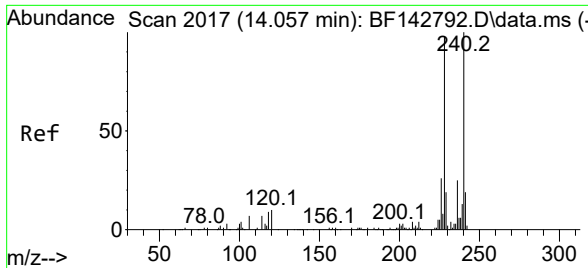
Tgt Ion:188 Resp: 189644
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.7 10.1
 80 8.6 6.9 10.3



#75
 Fluoranthene
 Concen: 2.082 ng
 RT: 12.622 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: BF142890.D
 Acq: 27 Jun 2025 13:48

Tgt Ion:202 Resp: 20300
 Ion Ratio Lower Upper
 202 100
 101 9.9 0.0 29.7
 203 17.7 0.0 37.5



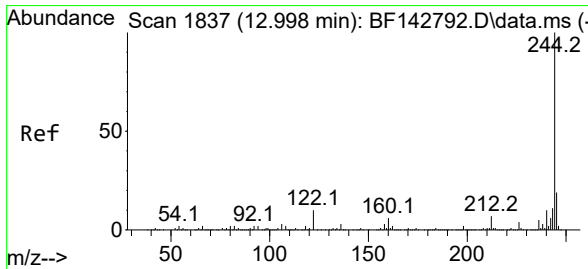
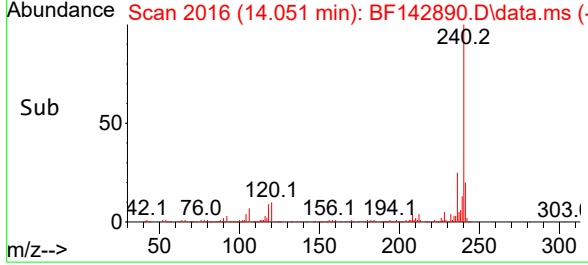
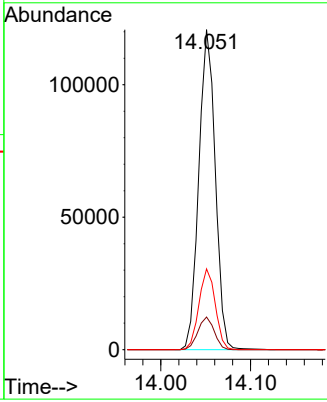
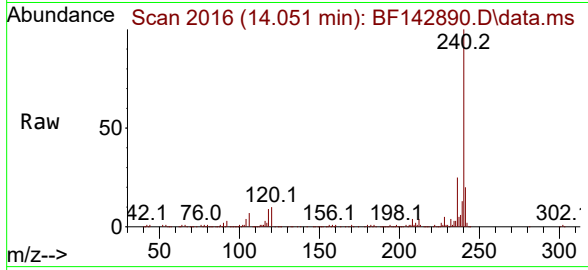


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.051 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF142890.D
 Acq: 27 Jun 2025 13:48

Instrument : BNA_F
 ClientSampleId : TP-77

Tgt Ion:240 Resp: 153845

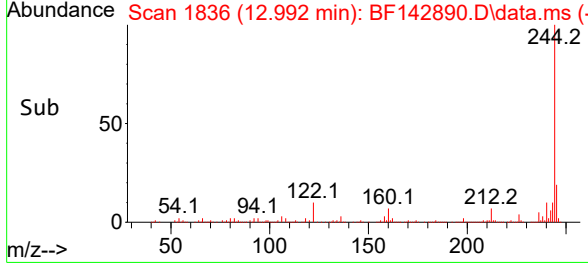
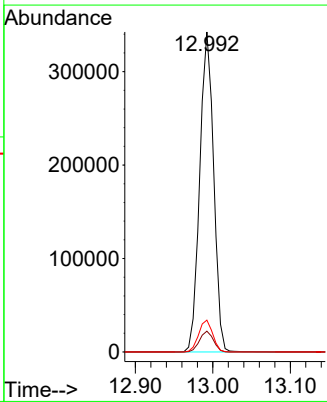
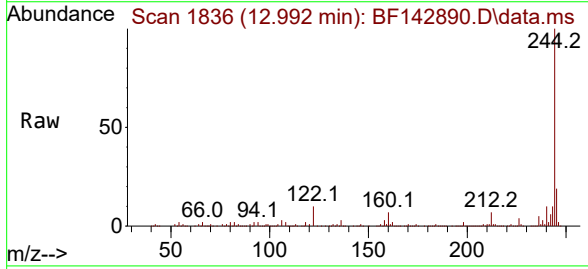
Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.2	12.2
236	25.3	19.8	29.8

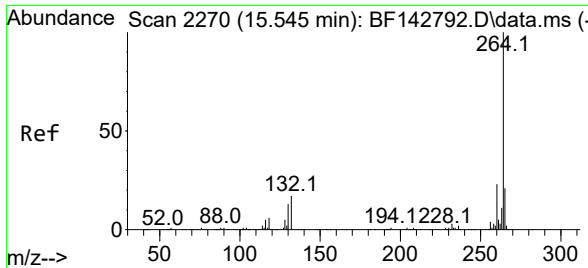


#79
 Terphenyl-d14
 Concen: 38.340 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142890.D
 Acq: 27 Jun 2025 13:48

Tgt Ion:244 Resp: 426892

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.9	8.2	12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF142890.D
 Acq: 27 Jun 2025 13:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-77

Tgt Ion:264 Resp: 153297

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.1	27.1
265	21.2	16.6	25.0

