

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070325\
 Data File : BF142990.D
 Acq On : 03 Jul 2025 11:25
 Operator : RC/JU
 Sample : PB168674BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168674BL

Quant Time: Jul 03 11:43:17 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	69300	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	271940	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	146089	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	243571	20.000	ng	0.00
76) Chrysene-d12	14.051	240	138339	20.000	ng	0.00
86) Perylene-d12	15.545	264	149416	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	509939	122.512	ng	0.01
7) Phenol-d6	6.504	99	599839	122.148	ng	0.00
23) Nitrobenzene-d5	7.434	82	373345	75.304	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	181580	120.783	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	845783	76.055	ng	-0.01
79) Terphenyl-d14	12.992	244	752266	75.135	ng	0.00

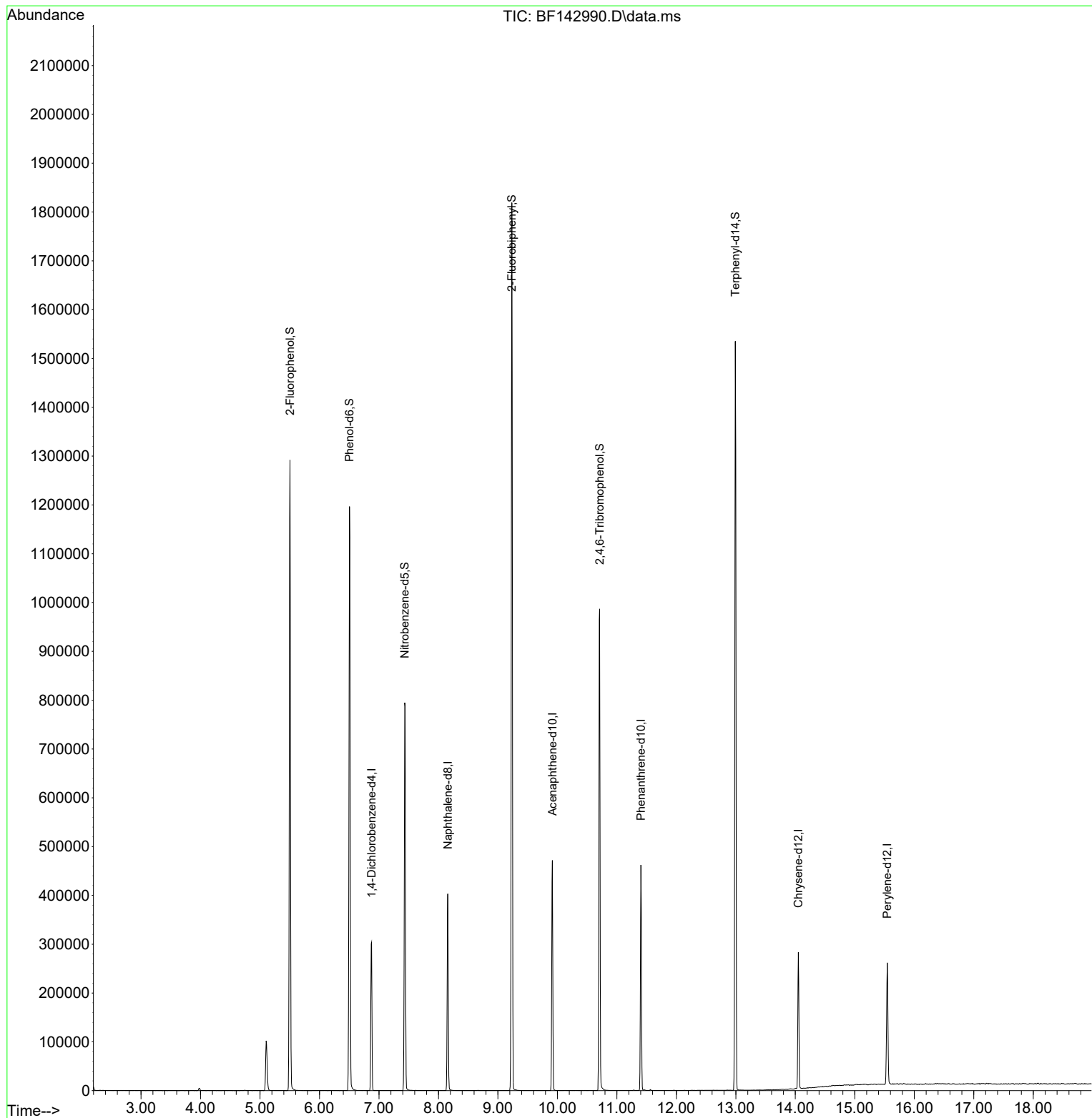
Target Compounds	Qvalue

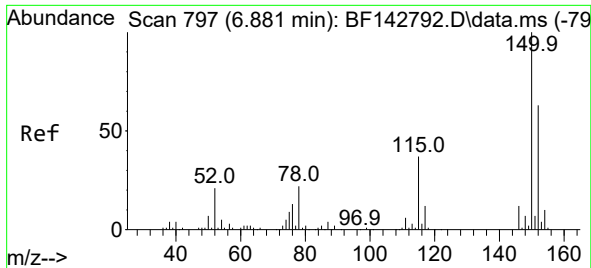
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070325\
Data File : BF142990.D
Acq On : 03 Jul 2025 11:25
Operator : RC/JU
Sample : PB168674BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168674BL

Quant Time: Jul 03 11:43:17 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

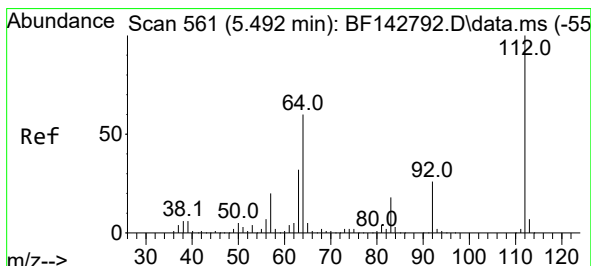
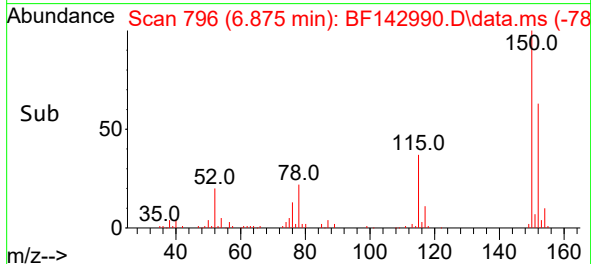
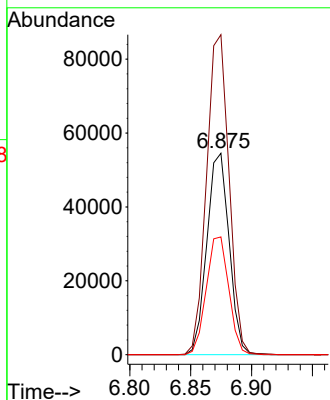
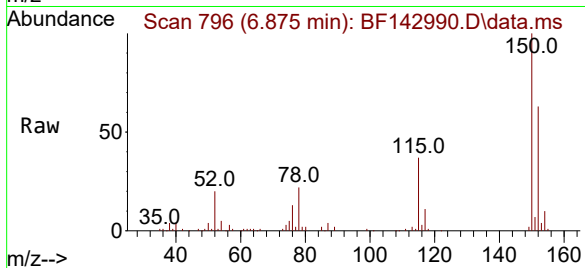




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142990.D
Acq: 03 Jul 2025 11:25

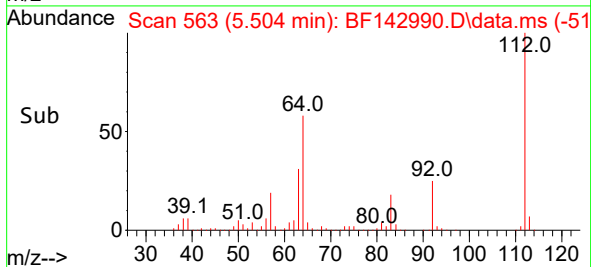
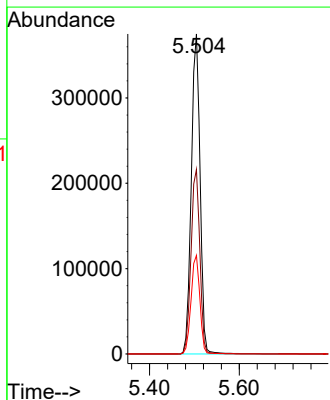
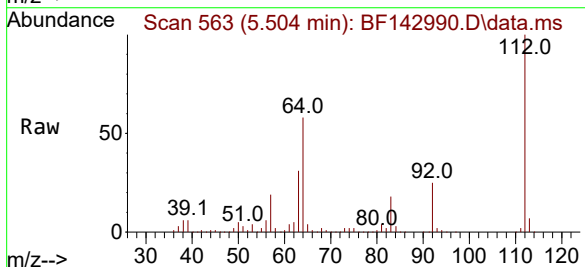
Instrument :
BNA_F
ClientSampleId :
PB168674BL

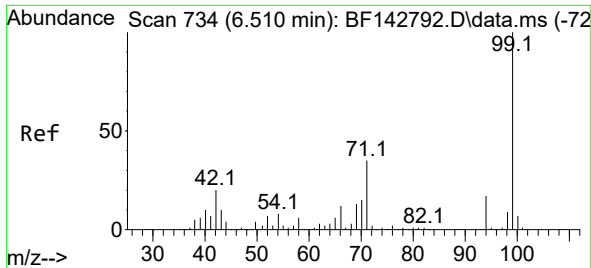
Tgt Ion:152 Resp: 69300
Ion Ratio Lower Upper
152 100
150 158.8 127.2 190.8
115 58.4 46.6 69.8



#5
2-Fluorophenol
Concen: 122.512 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF142990.D
Acq: 03 Jul 2025 11:25

Tgt Ion:112 Resp: 509939
Ion Ratio Lower Upper
112 100
64 57.7 48.2 72.2
63 30.8 25.7 38.5

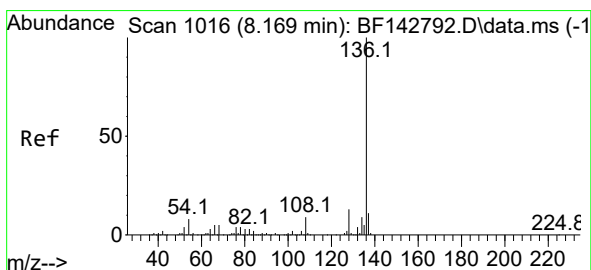
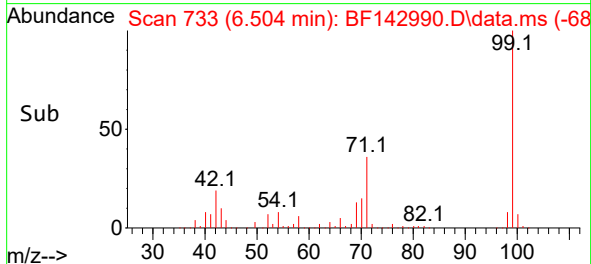
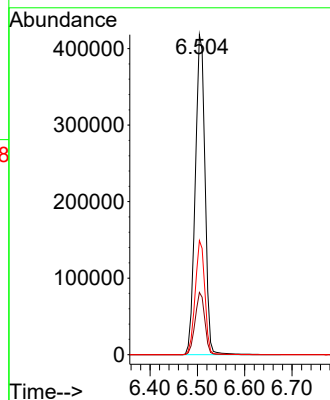
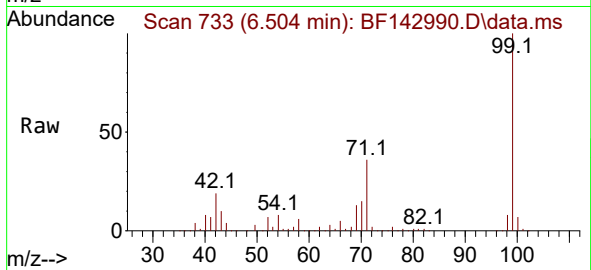




#7
Phenol-d6
Concen: 122.148 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142990.D
Acq: 03 Jul 2025 11:25

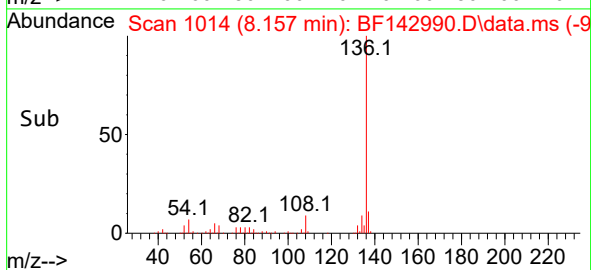
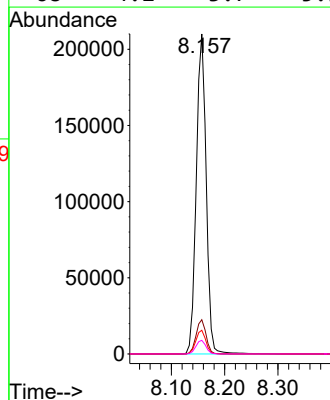
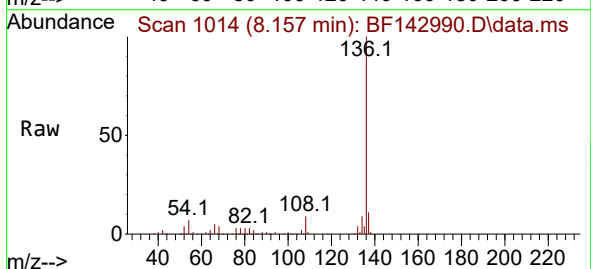
Instrument :
BNA_F
ClientSampleId :
PB168674BL

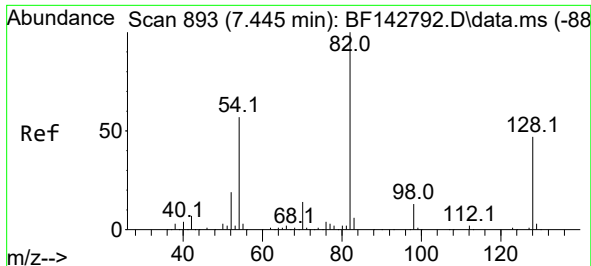
Tgt Ion: 99 Resp: 599839
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 35.7 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142990.D
Acq: 03 Jul 2025 11:25

Tgt Ion: 136 Resp: 271940
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.4 6.3 9.5
68 4.2 3.7 5.5





#23

Nitrobenzene-d5

Concen: 75.304 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.011 min

Lab File: BF142990.D

Acq: 03 Jul 2025 11:25

Instrument :

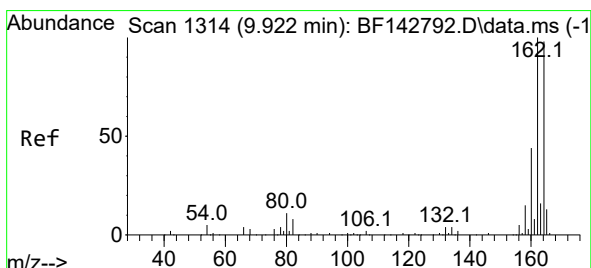
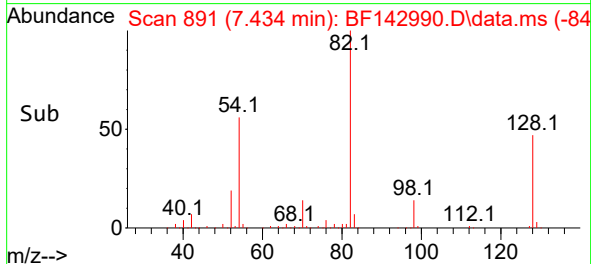
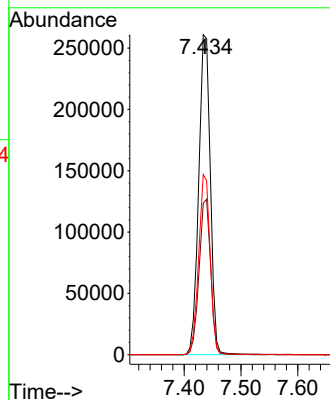
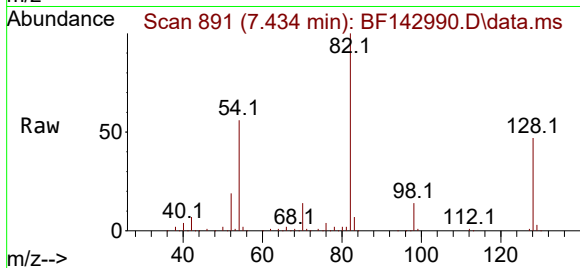
BNA_F

ClientSampleId :

PB168674BL

Tgt Ion: 82 Resp: 373345

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.7	56.5
54	56.3	45.7	68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

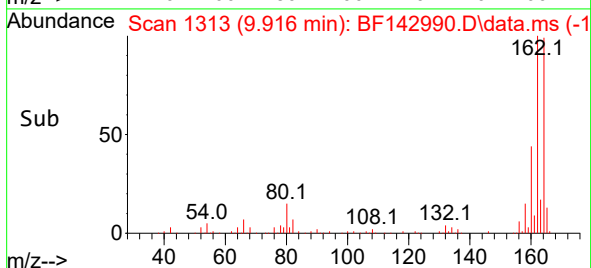
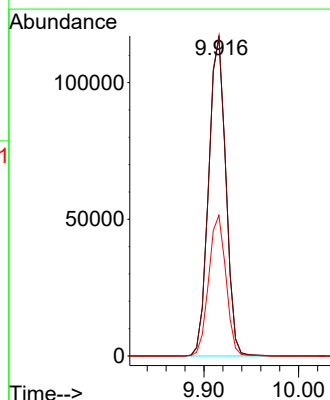
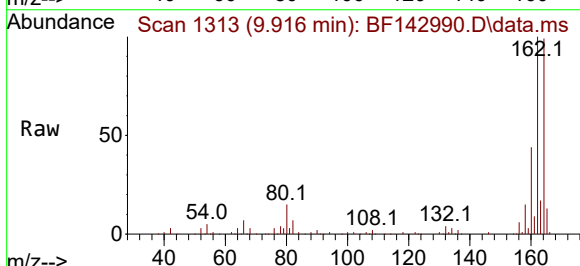
Delta R.T. -0.006 min

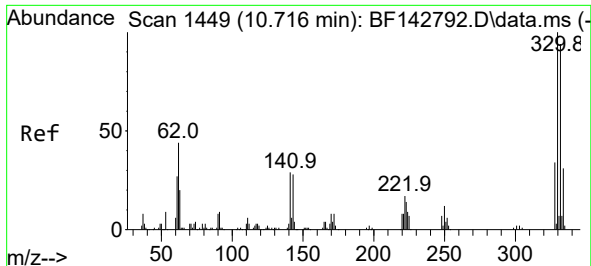
Lab File: BF142990.D

Acq: 03 Jul 2025 11:25

Tgt Ion:164 Resp: 146089

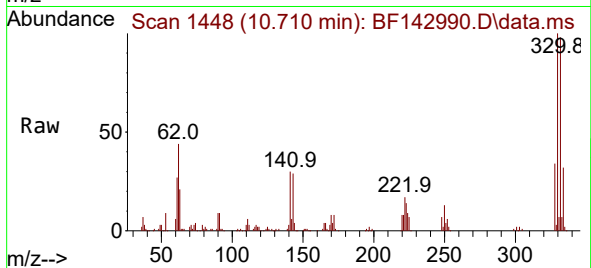
Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.8	122.8
160	44.2	36.0	54.0



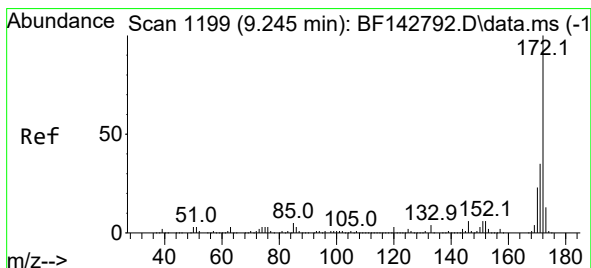
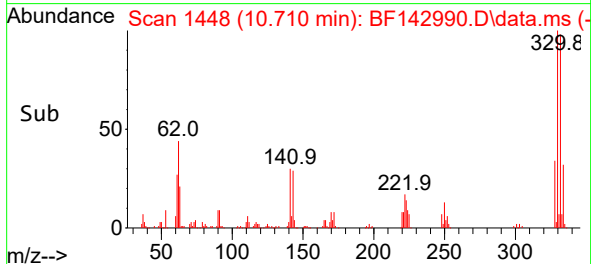
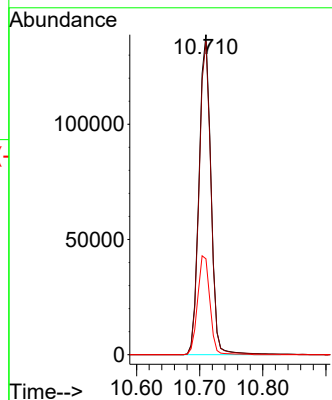


#42
2,4,6-Tribromophenol
Concen: 120.783 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142990.D
Acq: 03 Jul 2025 11:25

Instrument :
BNA_F
ClientSampleId :
PB168674BL

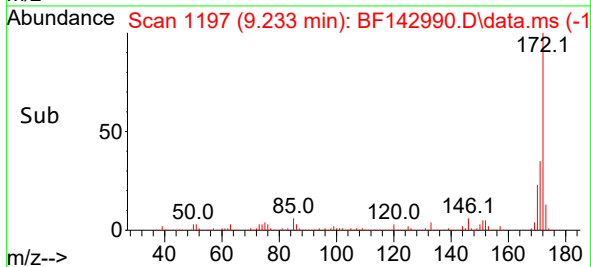
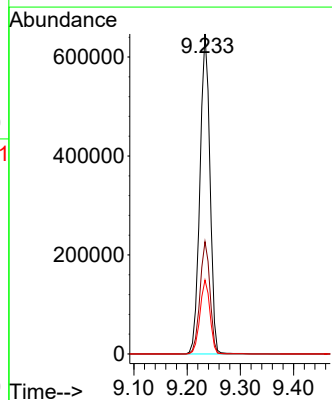
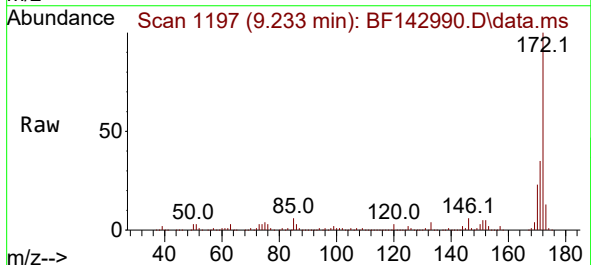


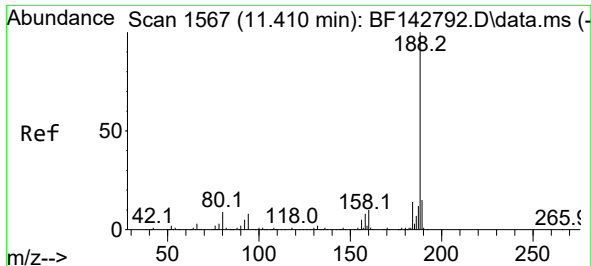
Tgt Ion:330 Resp: 181580
Ion Ratio Lower Upper
330 100
332 97.4 75.0 112.6
141 31.8 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 76.055 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142990.D
Acq: 03 Jul 2025 11:25

Tgt Ion:172 Resp: 845783
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.1 18.5 27.7

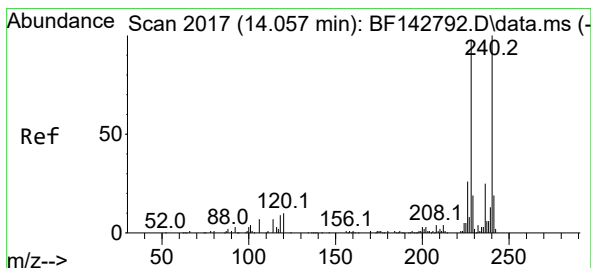
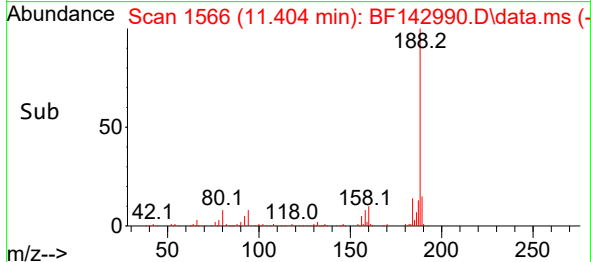
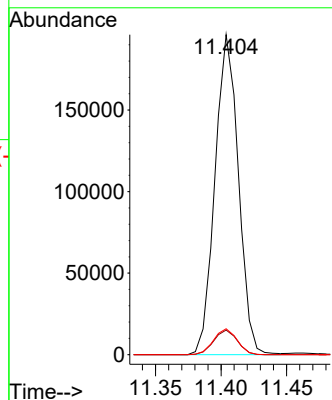
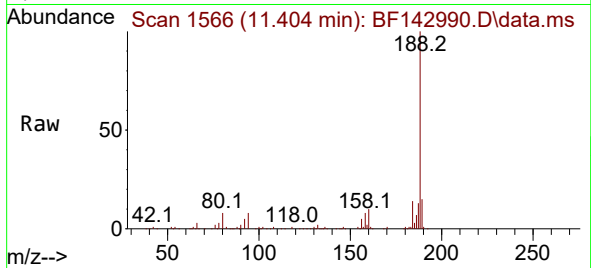




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142990.D
Acq: 03 Jul 2025 11:25

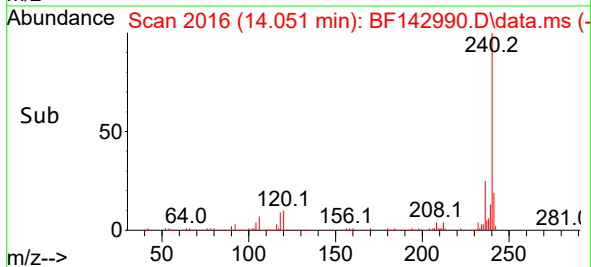
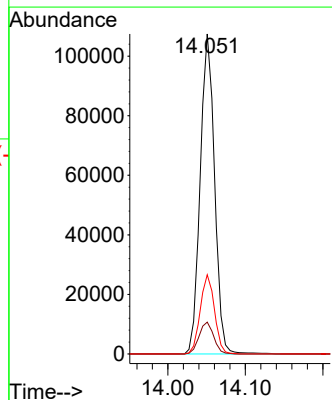
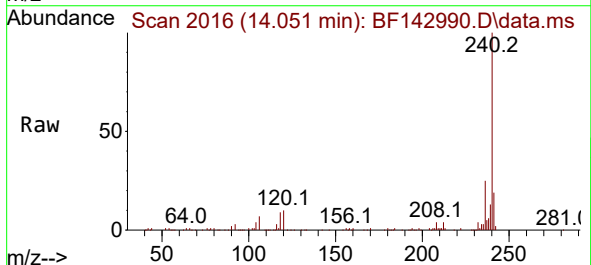
Instrument :
BNA_F
ClientSampleId :
PB168674BL

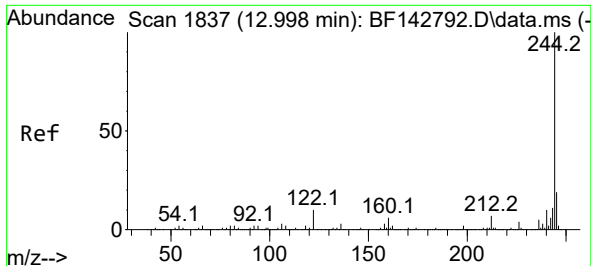
Tgt Ion:188 Resp: 243571
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142990.D
Acq: 03 Jul 2025 11:25

Tgt Ion:240 Resp: 138339
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 24.8 19.8 29.8

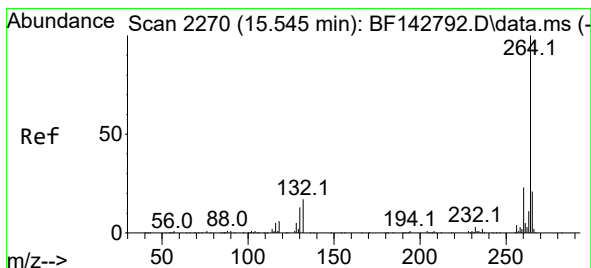
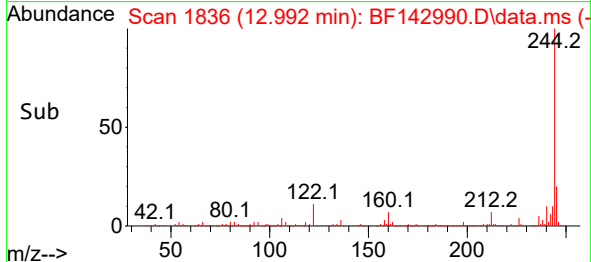
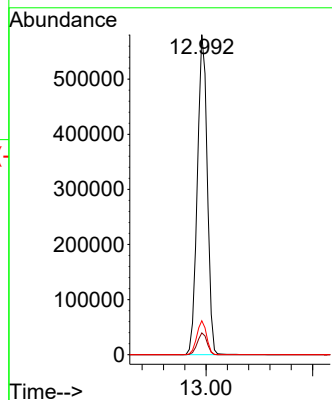
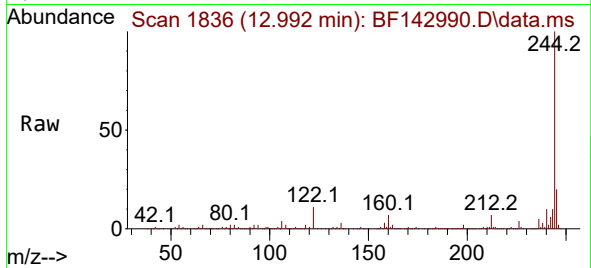




#79
 Terphenyl-d14
 Concen: 75.135 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142990.D
 Acq: 03 Jul 2025 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB168674BL

Tgt Ion:244 Resp: 752266
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.6 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF142990.D
 Acq: 03 Jul 2025 11:25

Tgt Ion:264 Resp: 149416
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.1 27.1
 265 21.6 16.6 25.0

