

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142919.D
 Acq On : 30 Jun 2025 17:11
 Operator : RC/JU
 Sample : Q2430-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-E/F

Quant Time: Jun 30 17:49:05 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	62684	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	239879	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	124440	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	208472	20.000	ng	0.00
76) Chrysene-d12	14.045	240	125140	20.000	ng	-0.01
86) Perylene-d12	15.539	264	125792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	476011	126.431	ng	0.01
7) Phenol-d6	6.504	99	532499	119.880	ng	0.00
23) Nitrobenzene-d5	7.439	82	376267	86.037	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	180587	141.021	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	812933	85.819	ng	-0.01
79) Terphenyl-d14	12.992	244	722969	79.825	ng	0.00

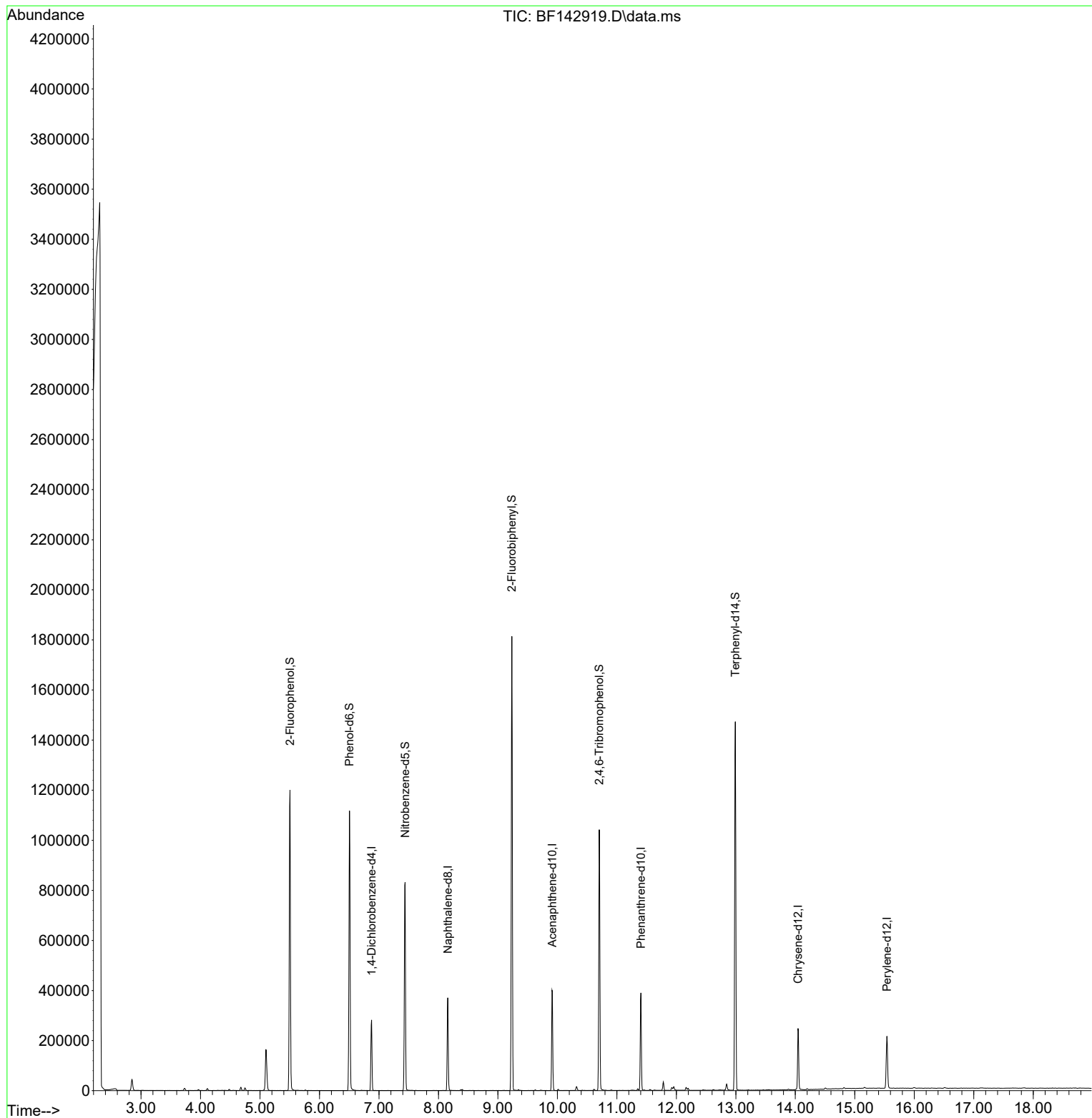
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
Data File : BF142919.D
Acq On : 30 Jun 2025 17:11
Operator : RC/JU
Sample : Q2430-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-E/F

Quant Time: Jun 30 17:49:05 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

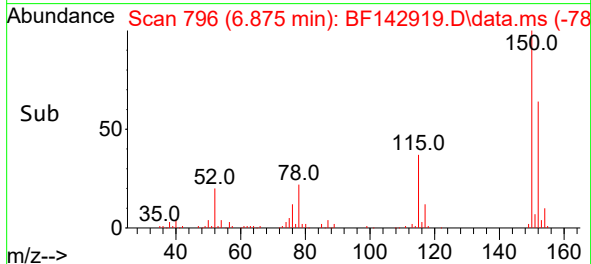
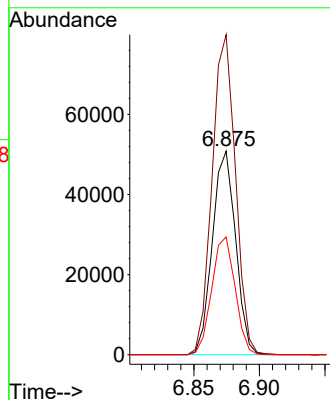
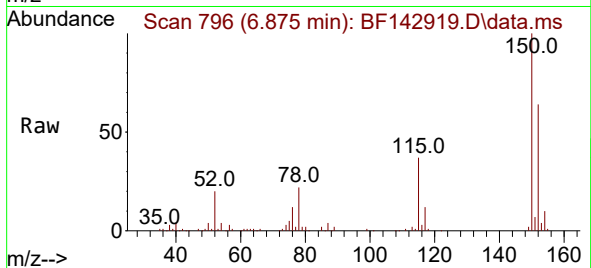




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142919.D
Acq: 30 Jun 2025 17:11

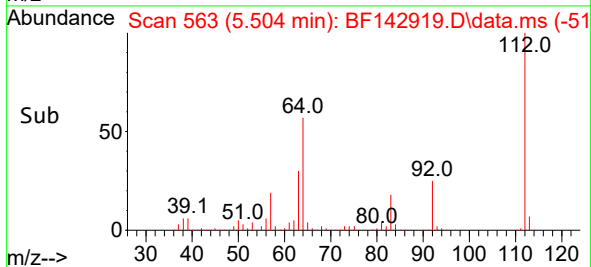
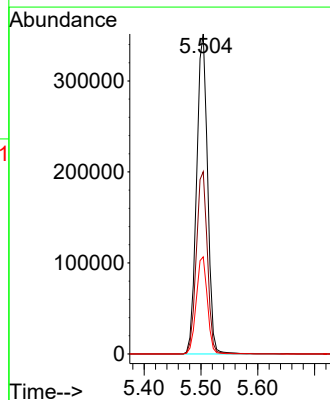
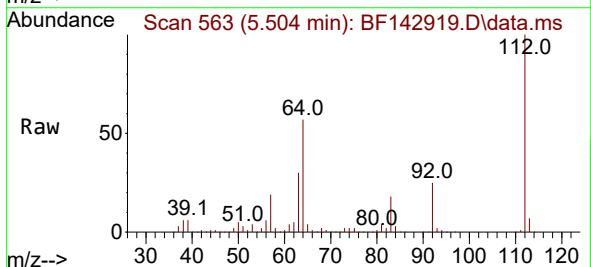
Instrument :
BNA_F
ClientSampleId :
MH-E/F

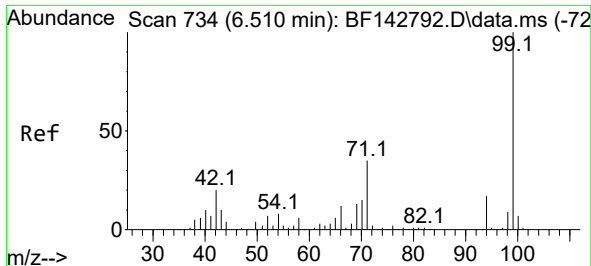
Tgt Ion:152 Resp: 62684
Ion Ratio Lower Upper
152 100
150 157.3 127.2 190.8
115 57.8 46.6 69.8



#5
2-Fluorophenol
Concen: 126.431 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF142919.D
Acq: 30 Jun 2025 17:11

Tgt Ion:112 Resp: 476011
Ion Ratio Lower Upper
112 100
64 57.0 48.2 72.2
63 30.3 25.7 38.5

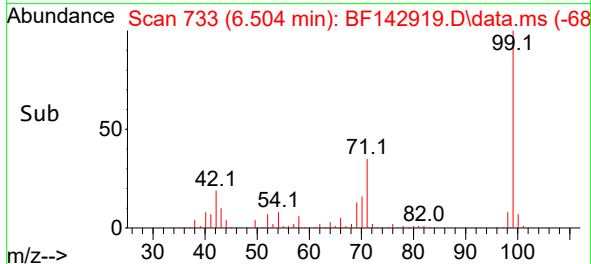
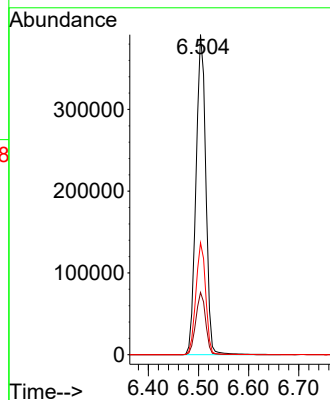
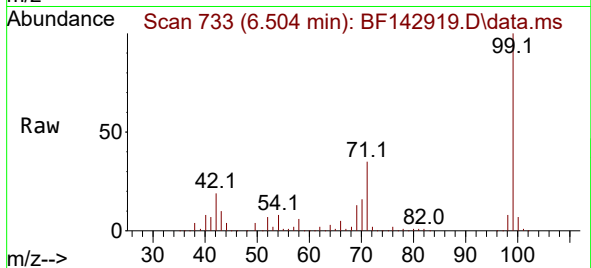




#7
Phenol-d6
Concen: 119.880 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142919.D
Acq: 30 Jun 2025 17:11

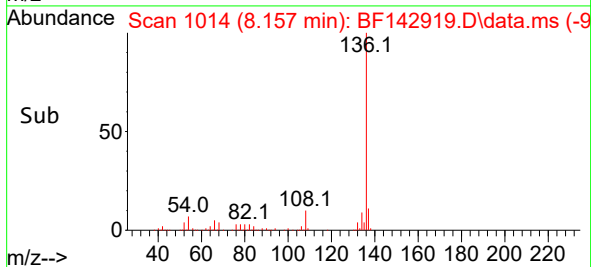
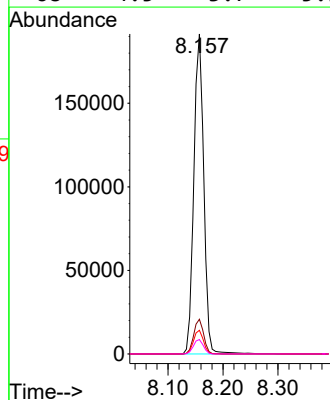
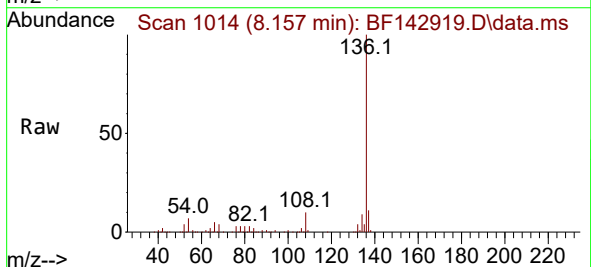
Instrument :
BNA_F
ClientSampleId :
MH-E/F

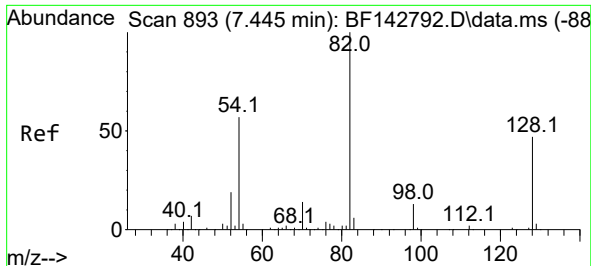
Tgt Ion: 99 Resp: 532499
Ion Ratio Lower Upper
99 100
42 19.4 15.9 23.9
71 34.9 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142919.D
Acq: 30 Jun 2025 17:11

Tgt Ion: 136 Resp: 239879
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.4 6.3 9.5
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 86.037 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142919.D

Acq: 30 Jun 2025 17:11

Instrument :

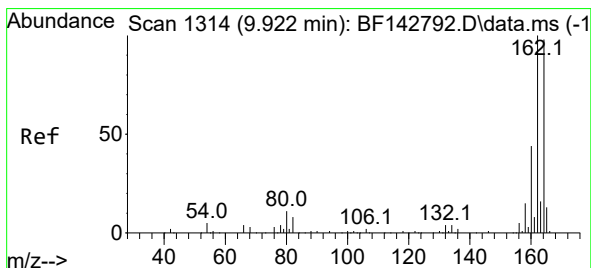
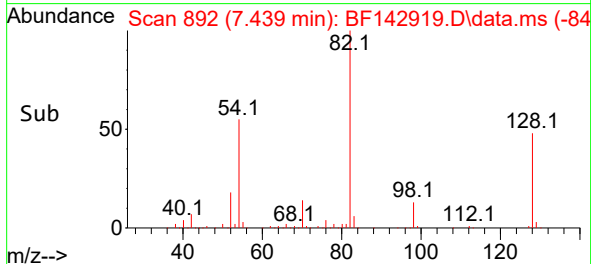
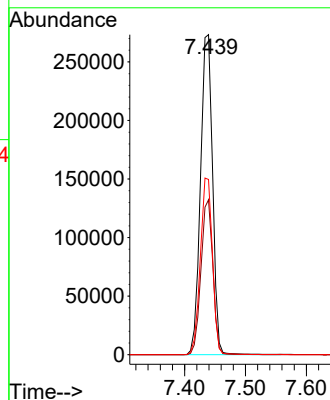
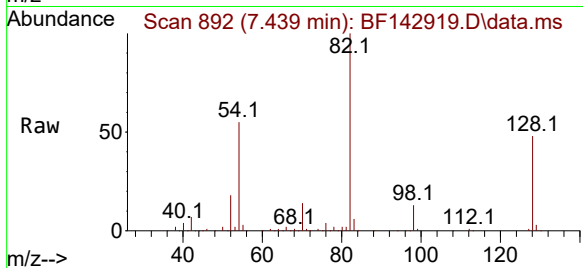
BNA_F

ClientSampleId :

MH-E/F

Tgt Ion: 82 Resp: 376267

Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.7	56.5
54	54.8	45.7	68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

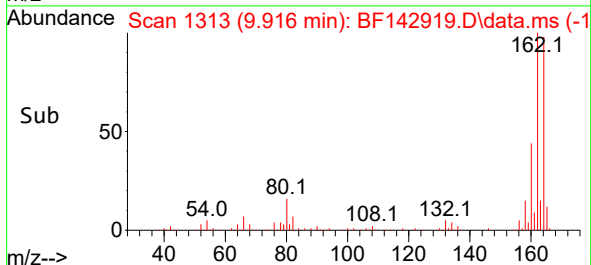
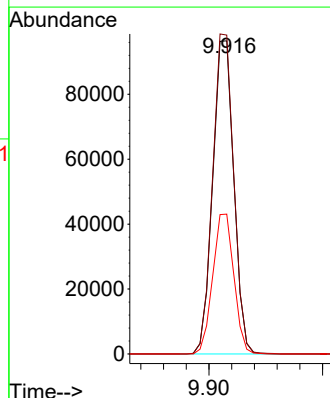
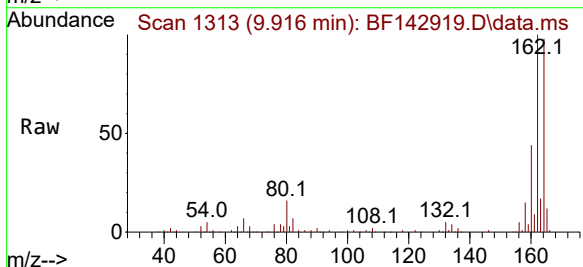
Delta R.T. -0.006 min

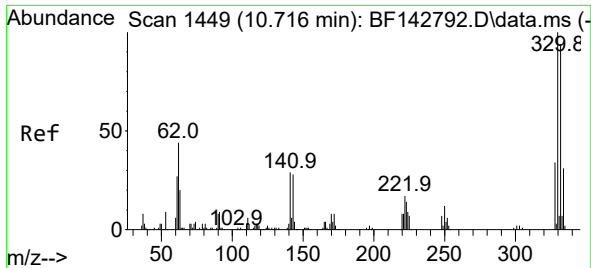
Lab File: BF142919.D

Acq: 30 Jun 2025 17:11

Tgt Ion:164 Resp: 124440

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.8	122.8
160	44.7	36.0	54.0



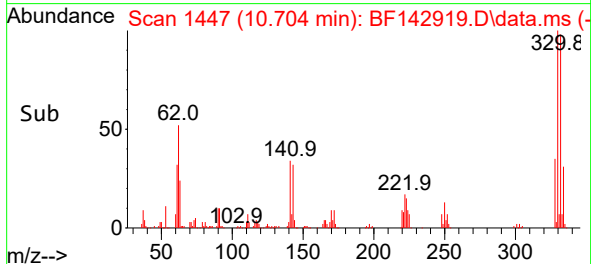
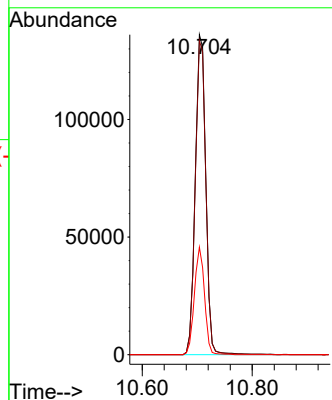
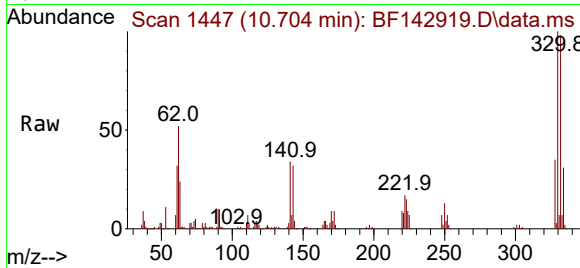


#42
 2,4,6-Tribromophenol
 Concen: 141.021 ng
 RT: 10.704 min Scan# 1447
 Delta R.T. -0.012 min
 Lab File: BF142919.D
 Acq: 30 Jun 2025 17:11

Instrument :
 BNA_F
 ClientSampleId :
 MH-E/F

Tgt Ion: 330 Resp: 180587

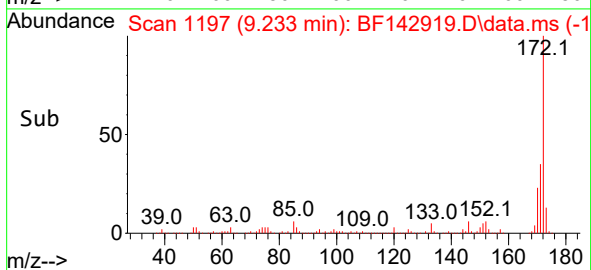
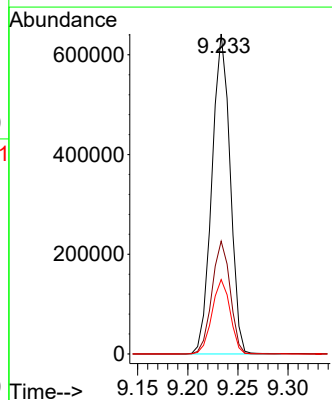
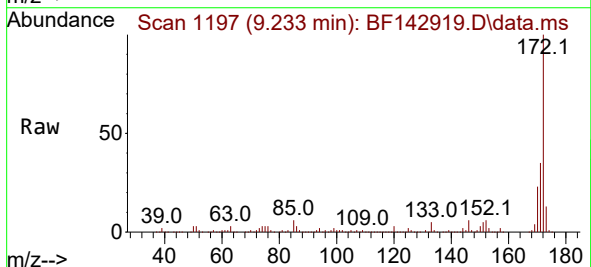
Ion	Ratio	Lower	Upper
330	100		
332	98.4	75.0	112.6
141	32.4	25.3	37.9

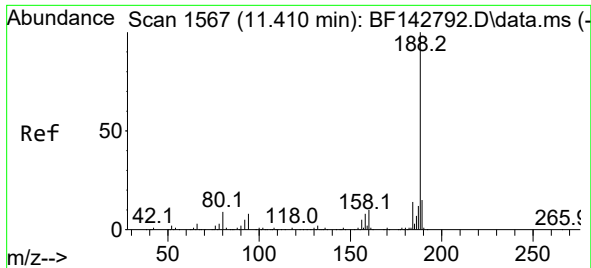


#45
 2-Fluorobiphenyl
 Concen: 85.819 ng
 RT: 9.233 min Scan# 1197
 Delta R.T. -0.012 min
 Lab File: BF142919.D
 Acq: 30 Jun 2025 17:11

Tgt Ion: 172 Resp: 812933

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.3	18.5	27.7

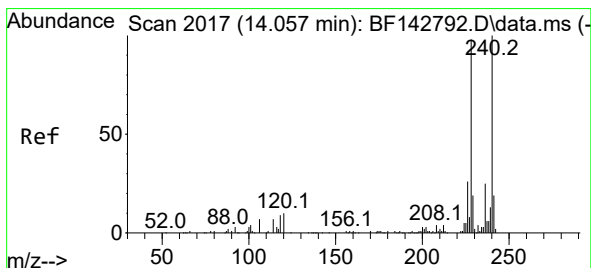
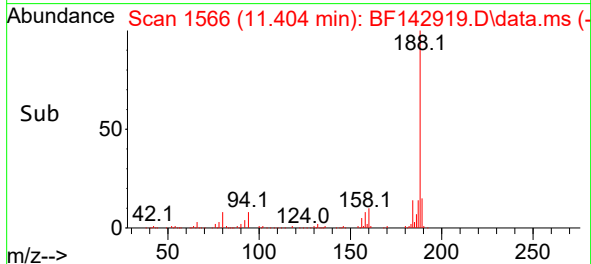
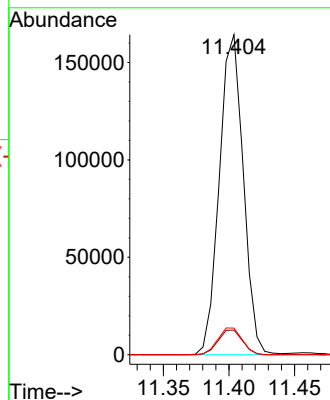
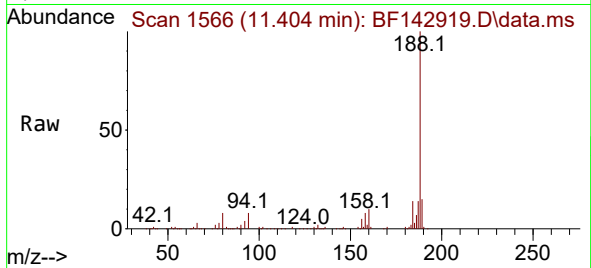




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142919.D
Acq: 30 Jun 2025 17:11

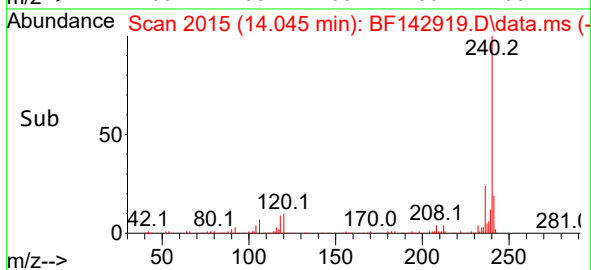
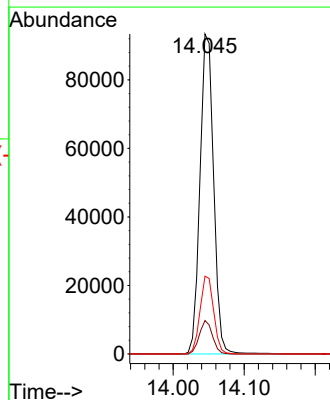
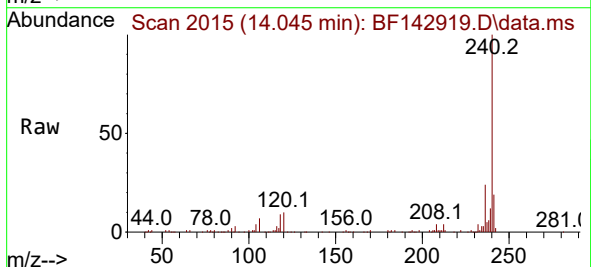
Instrument :
BNA_F
ClientSampleId :
MH-E/F

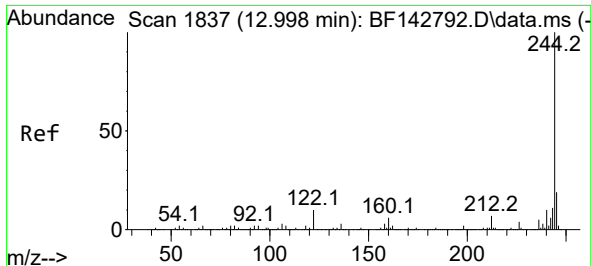
Tgt Ion:188 Resp: 208472
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.3 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF142919.D
Acq: 30 Jun 2025 17:11

Tgt Ion:240 Resp: 125140
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.2
236 24.3 19.8 29.8

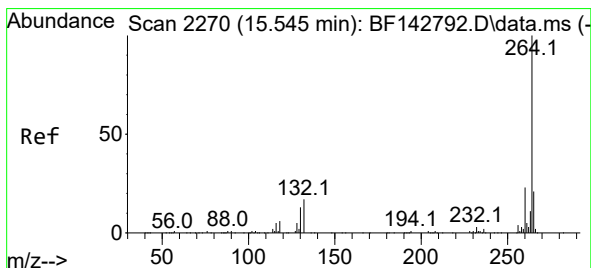
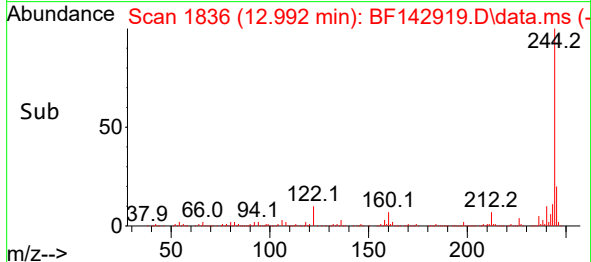
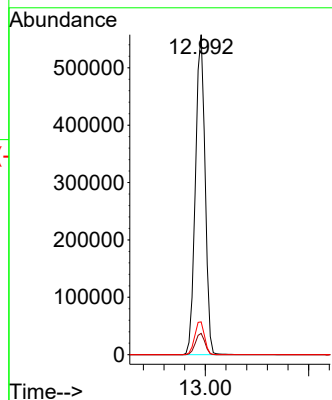
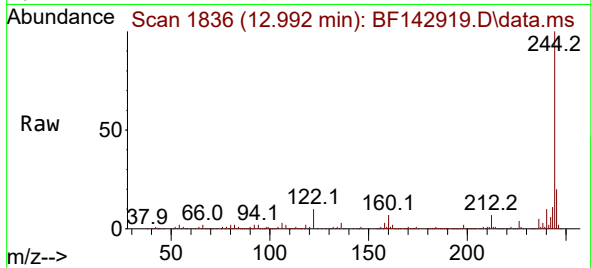




#79
Terphenyl-d14
Concen: 79.825 ng
RT: 12.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142919.D
Acq: 30 Jun 2025 17:11

Instrument :
BNA_F
ClientSampleId :
MH-E/F

Tgt Ion:244 Resp: 722969
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 10.2 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF142919.D
Acq: 30 Jun 2025 17:11

Tgt Ion:264 Resp: 125792
Ion Ratio Lower Upper
264 100
260 22.7 18.1 27.1
265 21.2 16.6 25.0

