

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142731.D
 Acq On : 11 Jun 2025 13:18
 Operator : RC/JU
 Sample : PB168378BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168378BL

Quant Time: Jun 11 13:43:41 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	6.887	152	74692	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	287648	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	160376	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	295895	20.000	ng	0.00
76) Chrysene-d12	14.063	240	168179	20.000	ng	0.00
86) Perylene-d12	15.563	264	142470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	375634	85.653	ng	0.01
7) Phenol-d6	6.516	99	443888	86.006	ng	0.00
23) Nitrobenzene-d5	7.451	82	416859	79.311	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	145994	83.060	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	944326	78.228	ng	0.00
79) Terphenyl-d14	13.010	244	984688	80.415	ng	0.00

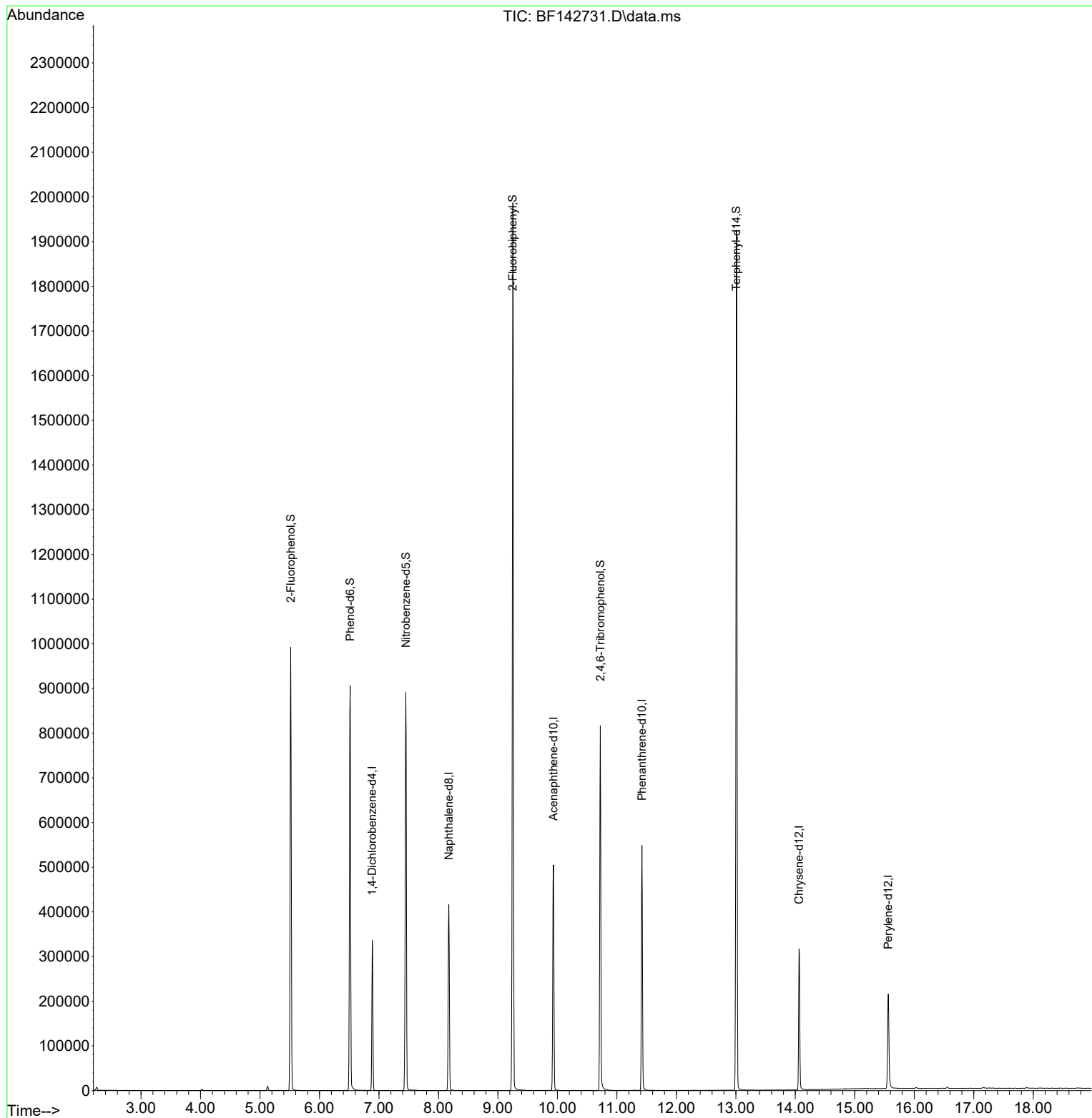
Target Compounds	Qvalue

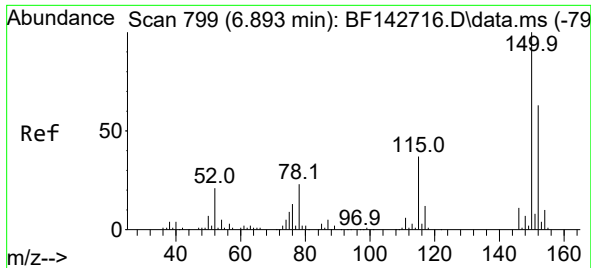
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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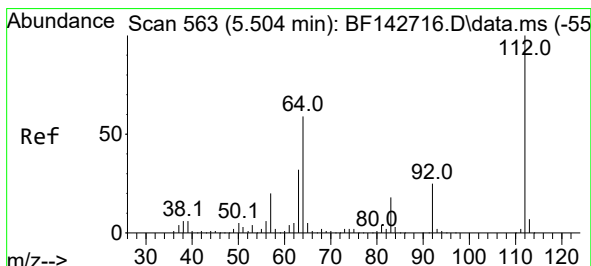
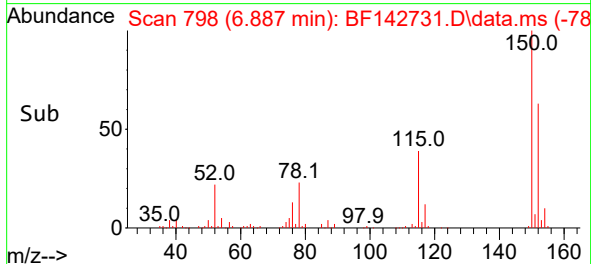
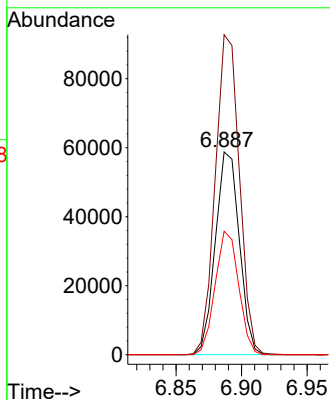
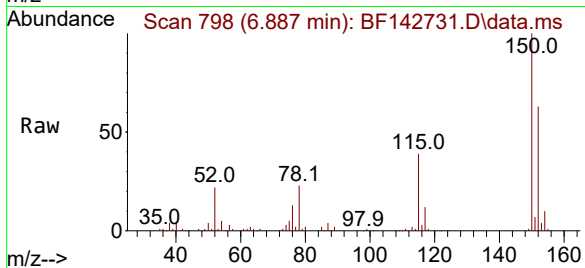




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

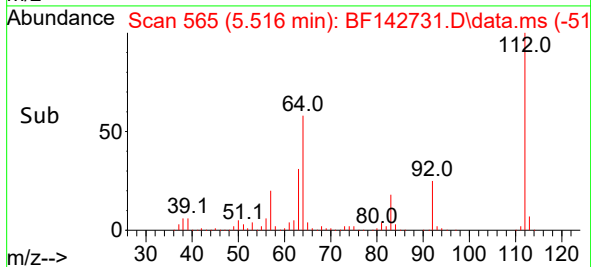
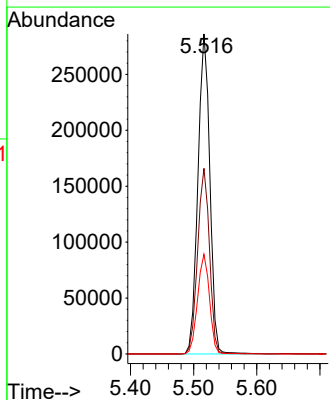
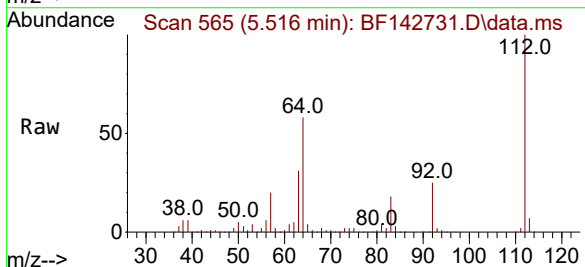
Instrument :
BNA_F
ClientSampleId :
PB168378BL

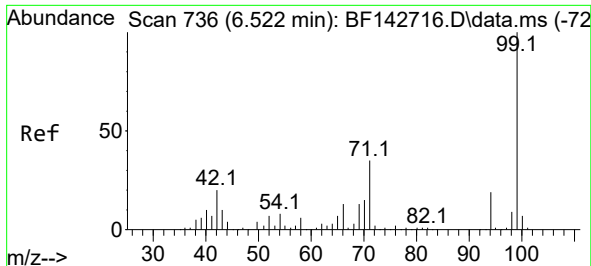
Tgt Ion:152 Resp: 74692
Ion Ratio Lower Upper
152 100
150 157.8 126.9 190.3
115 60.9 47.0 70.6



#5
2-Fluorophenol
Concen: 85.653 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

Tgt Ion:112 Resp: 375634
Ion Ratio Lower Upper
112 100
64 58.0 47.4 71.2
63 31.1 25.4 38.0

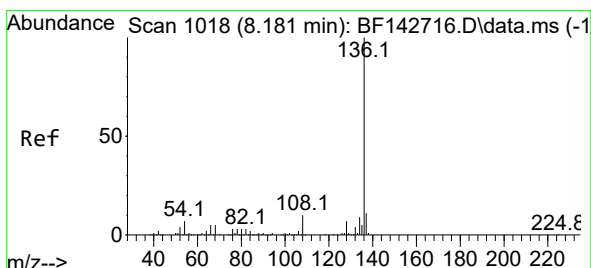
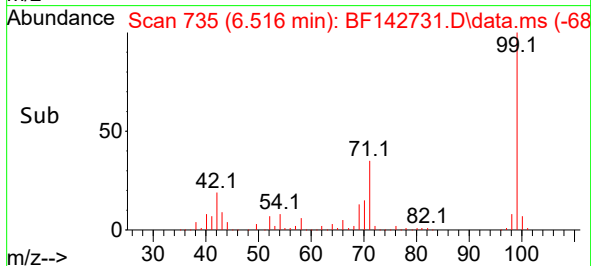
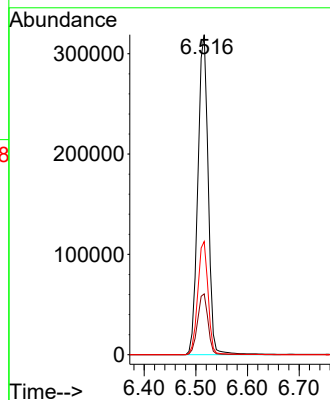
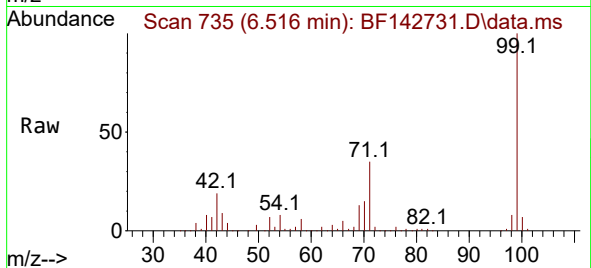




#7
Phenol-d6
Concen: 86.006 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

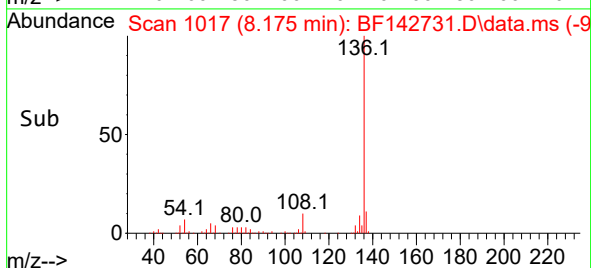
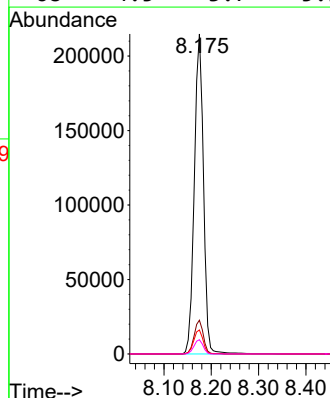
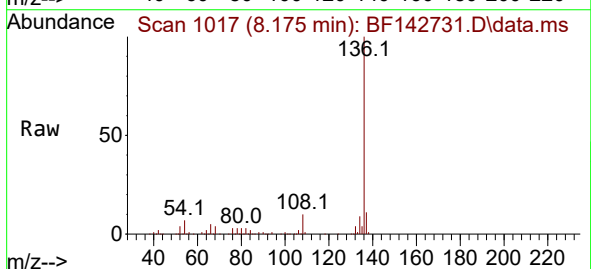
Instrument :
BNA_F
ClientSampleId :
PB168378BL

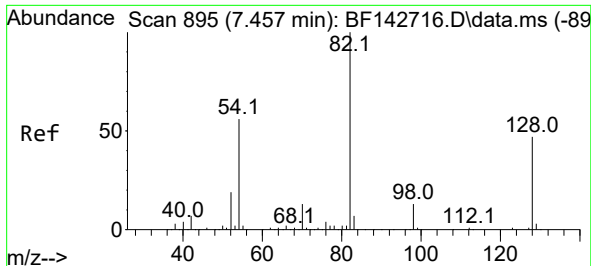
Tgt Ion: 99 Resp: 443888
Ion Ratio Lower Upper
99 100
42 19.0 15.9 23.9
71 35.4 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

Tgt Ion: 136 Resp: 287648
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.5 5.9 8.9
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 79.311 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142731.D

Acq: 11 Jun 2025 13:18

Instrument :

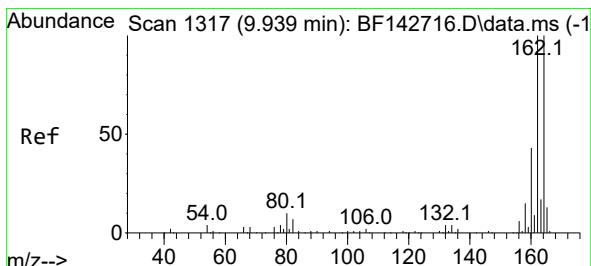
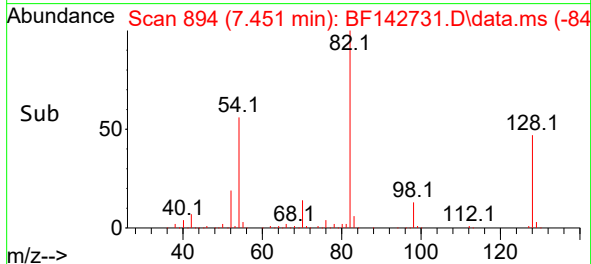
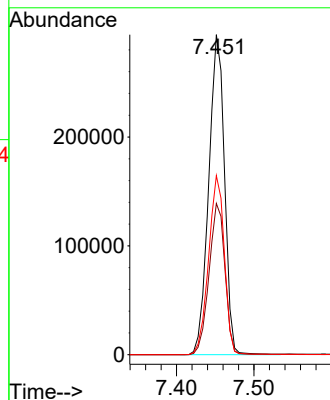
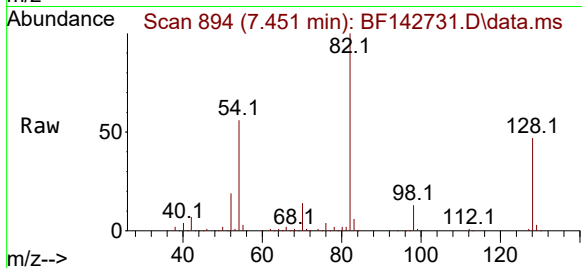
BNA_F

ClientSampleId :

PB168378BL

Tgt Ion: 82 Resp: 416859

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.8	56.8
54	56.0	44.9	67.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

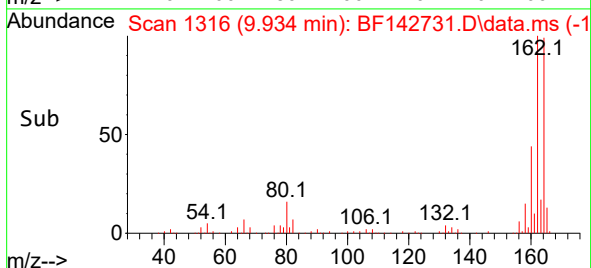
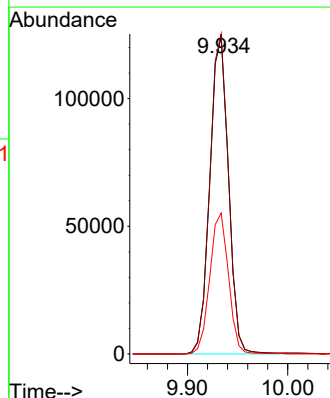
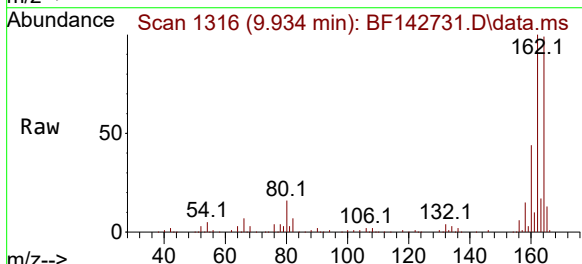
Delta R.T. -0.006 min

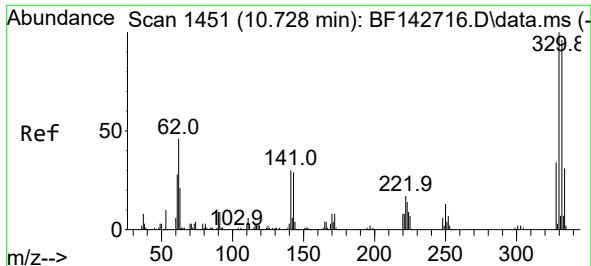
Lab File: BF142731.D

Acq: 11 Jun 2025 13:18

Tgt Ion:164 Resp: 160376

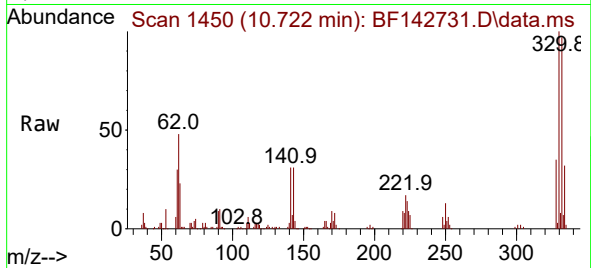
Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.9	119.9
160	44.4	34.8	52.2



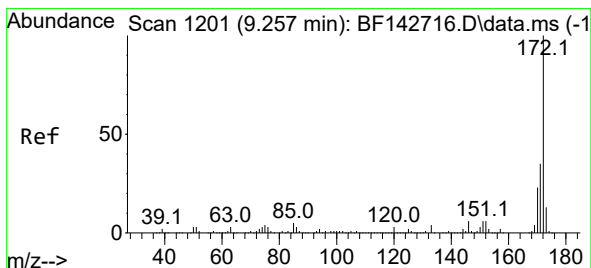
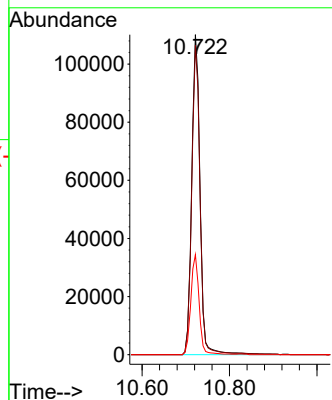
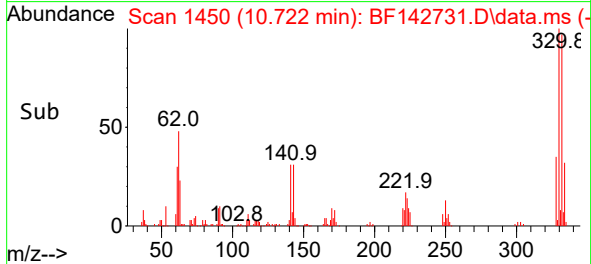


#42
2,4,6-Tribromophenol
Concen: 83.060 ng
RT: 10.722 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

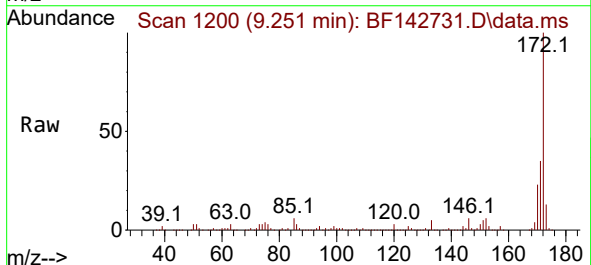
Instrument :
BNA_F
ClientSampleId :
PB168378BL



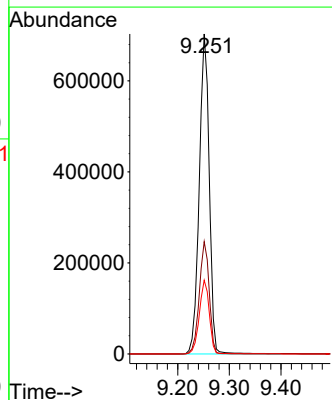
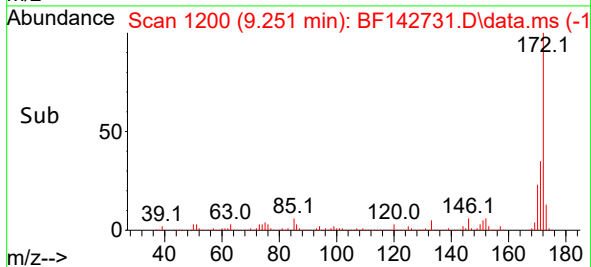
Tgt Ion:330 Resp: 145994
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 31.1 25.4 38.0

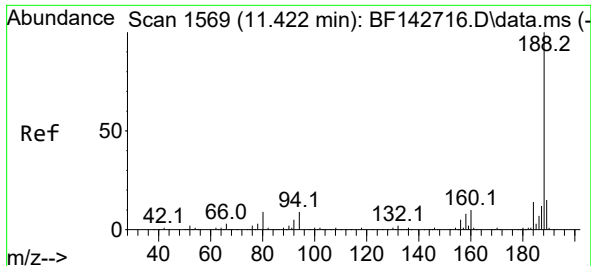


#45
2-Fluorobiphenyl
Concen: 78.228 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18



Tgt Ion:172 Resp: 944326
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.1 18.6 27.8

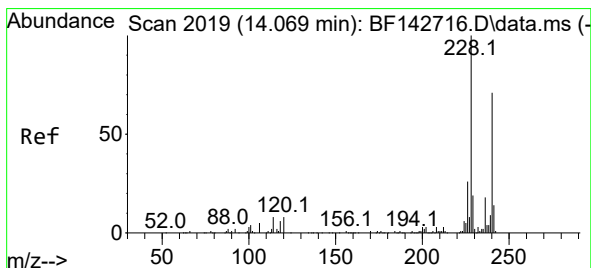
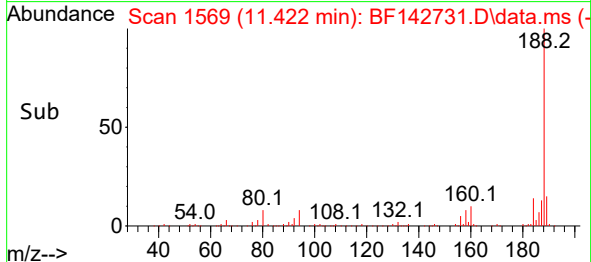
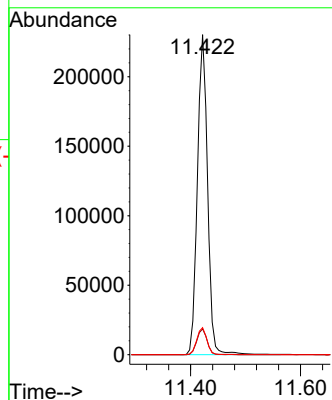
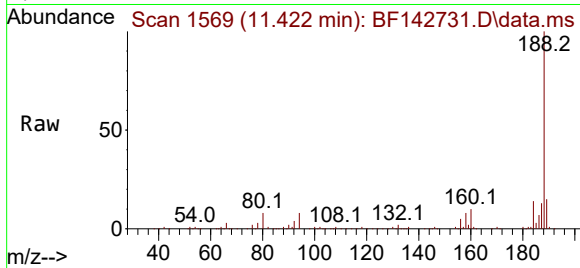




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

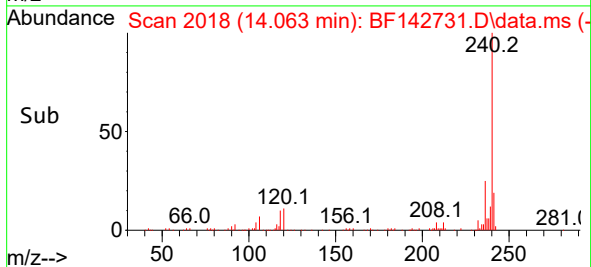
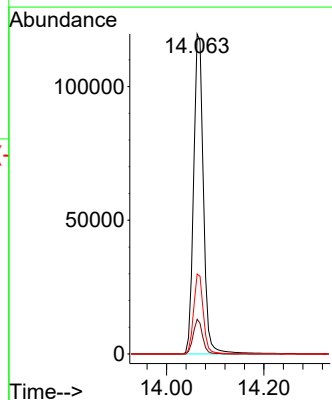
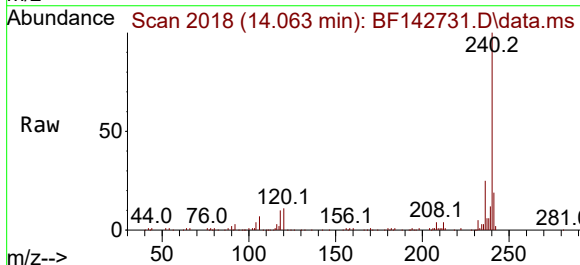
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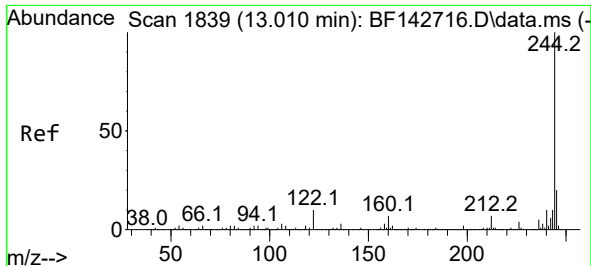
Tgt Ion:188 Resp: 295895
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.4 7.1 10.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

Tgt Ion:240 Resp: 168179
Ion Ratio Lower Upper
240 100
120 10.9 8.5 12.7
236 25.0 20.1 30.1

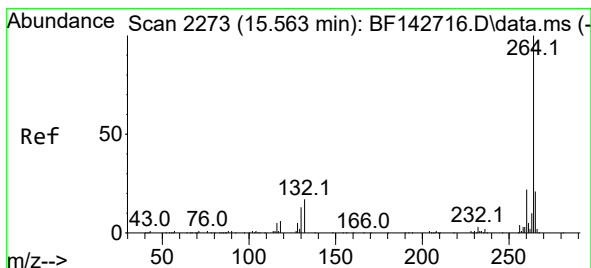
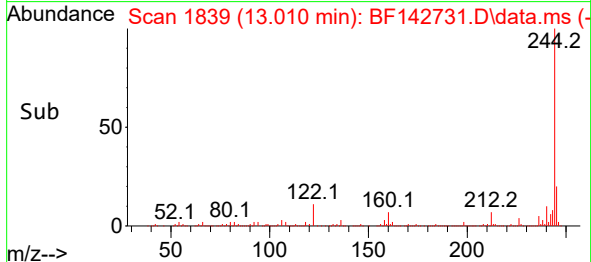
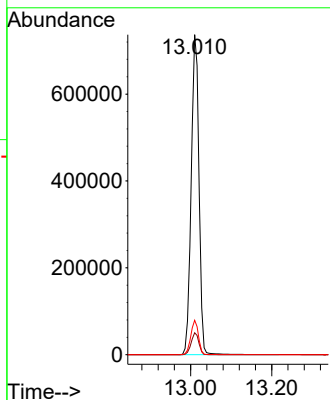
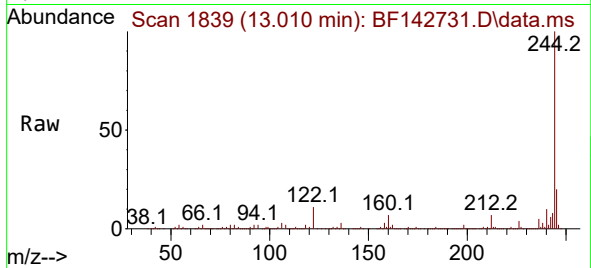




#79
 Terphenyl-d14
 Concen: 80.415 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF142731.D
 Acq: 11 Jun 2025 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB168378BL

Tgt Ion:244 Resp: 984688
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: BF142731.D
 Acq: 11 Jun 2025 13:18

Tgt Ion:264 Resp: 142470
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.8 26.6
 265 21.2 16.6 25.0

