

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
 Data File : BF142361.D
 Acq On : 14 May 2025 12:51
 Operator : RC/JU
 Sample : PB167929BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167929BL

Quant Time: May 14 13:35:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	198126	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	765257	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	405678	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	720724	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	505523	20.000	ng	0.00
86) Perylene-d12	15.557	264	342845	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1534110	132.181	ng	0.01
7) Phenol-d6	6.522	99	1840719	128.950	ng	0.00
23) Nitrobenzene-d5	7.463	82	1114568	88.825	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	579120	147.857	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2193030	77.081	ng	0.00
79) Terphenyl-d14	13.016	244	2405082	70.418	ng	0.00

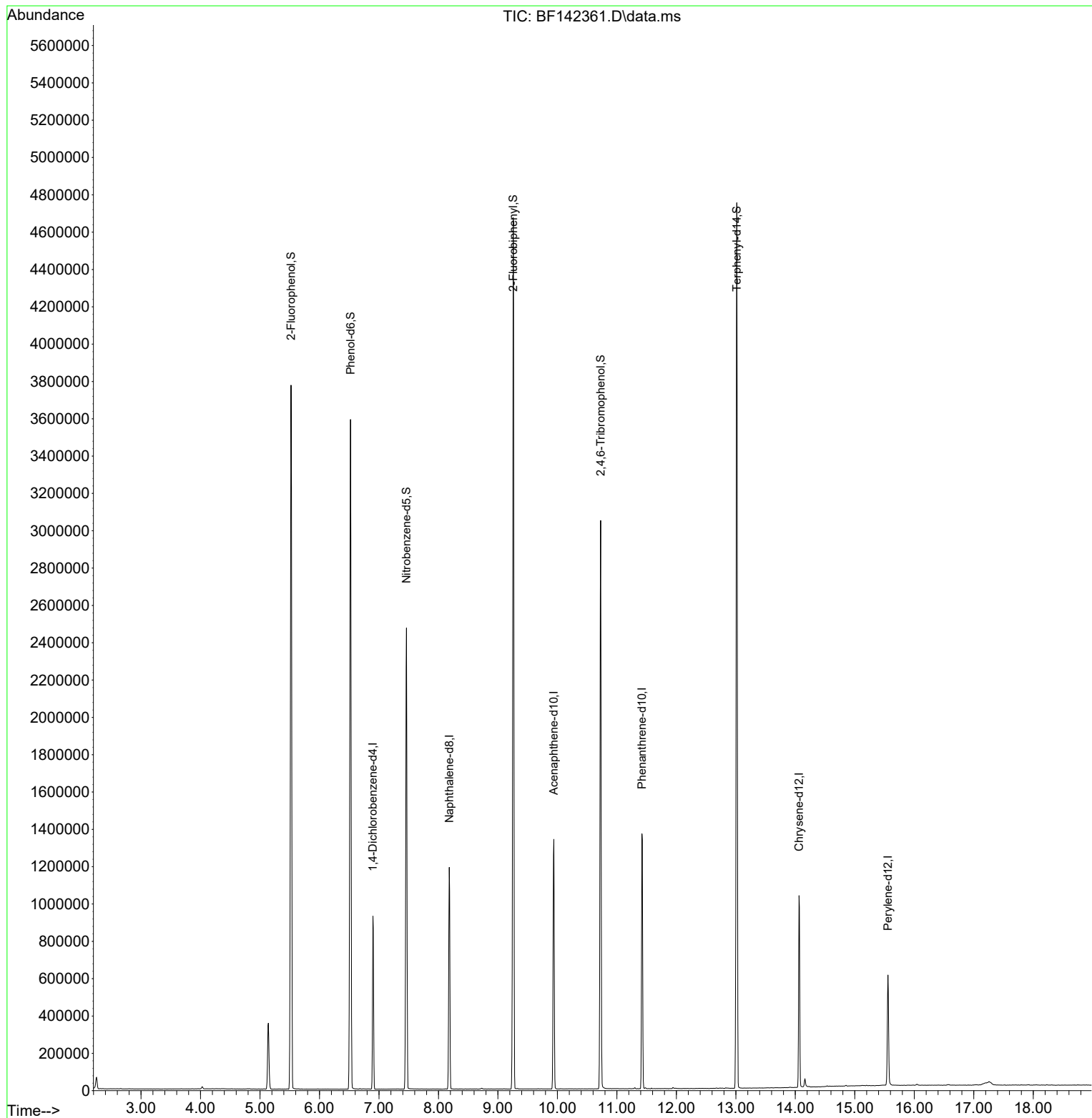
Target Compounds	Qvalue

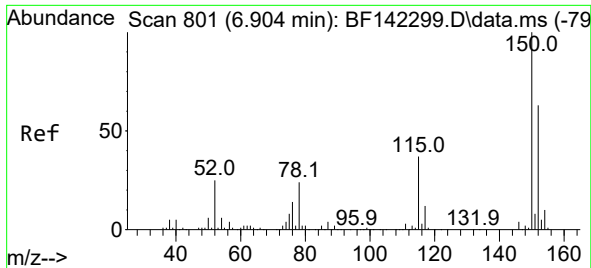
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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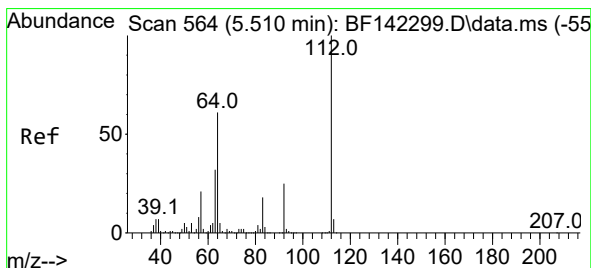
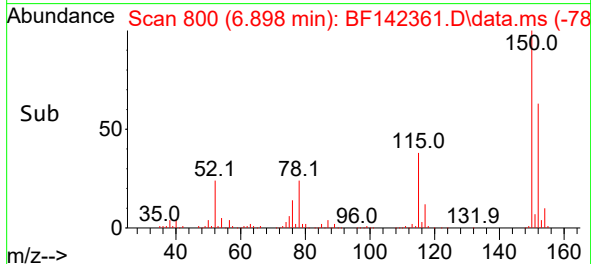
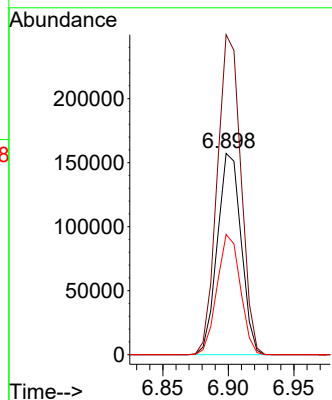
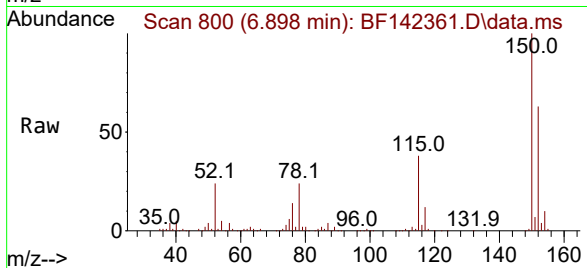




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142361.D
Acq: 14 May 2025 12:51

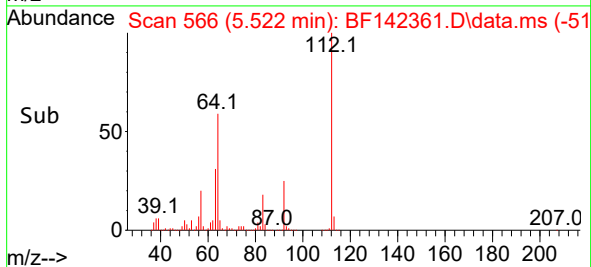
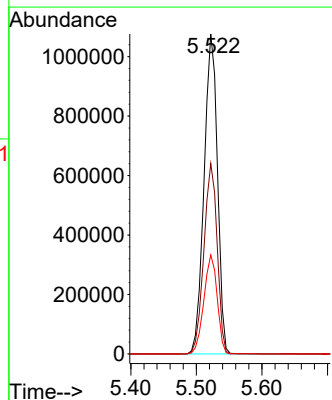
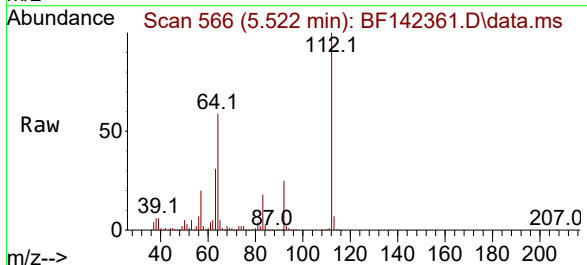
Instrument :
BNA_F
ClientSampleId :
PB167929BL

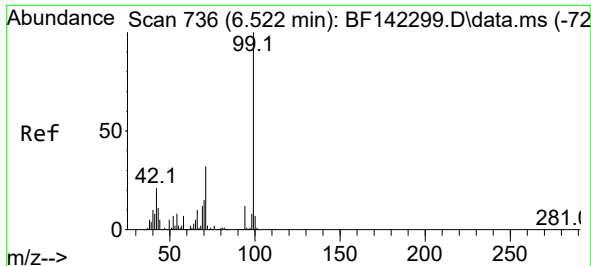
Tgt Ion:152 Resp: 198126
Ion Ratio Lower Upper
152 100
150 158.9 126.6 190.0
115 59.7 47.3 70.9



#5
2-Fluorophenol
Concen: 132.181 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF142361.D
Acq: 14 May 2025 12:51

Tgt Ion:112 Resp: 1534110
Ion Ratio Lower Upper
112 100
64 59.5 48.9 73.3
63 30.9 25.6 38.4

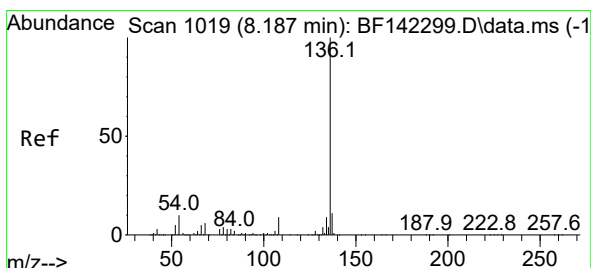
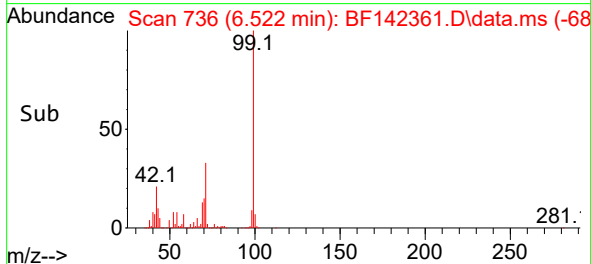
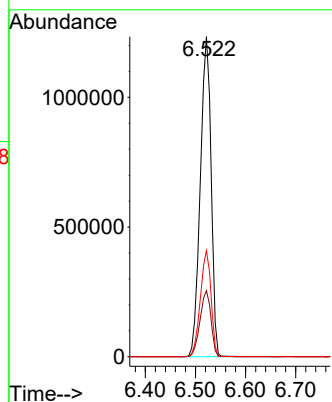
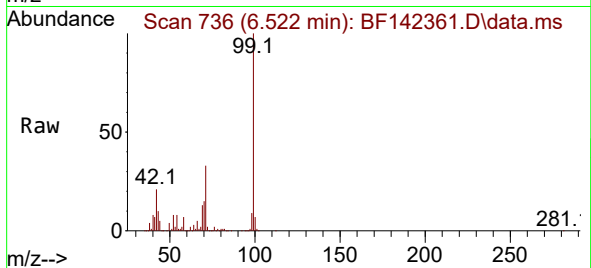




#7
Phenol-d6
Concen: 128.950 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142361.D
Acq: 14 May 2025 12:51

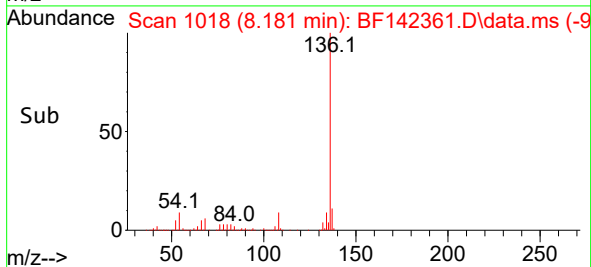
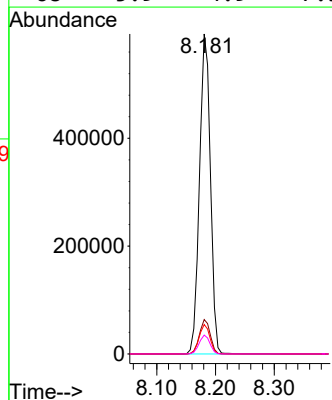
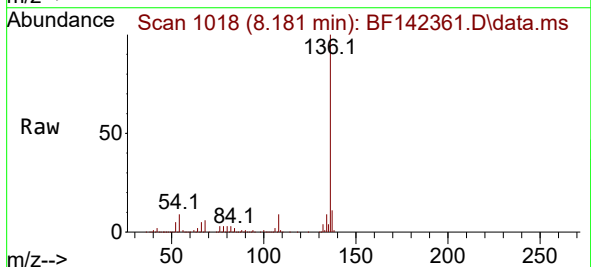
Instrument :
BNA_F
ClientSampleId :
PB167929BL

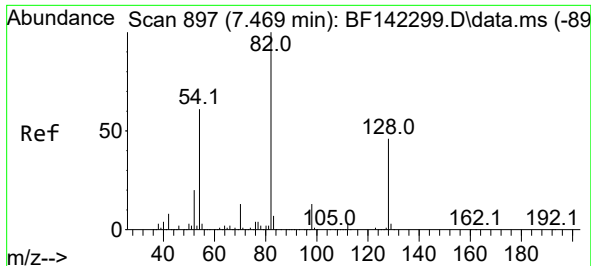
Tgt Ion: 99 Resp: 1840719
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.4
71 33.1 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142361.D
Acq: 14 May 2025 12:51

Tgt Ion: 136 Resp: 765257
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.2 7.7 11.5
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 88.825 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142361.D

Acq: 14 May 2025 12:51

Instrument :

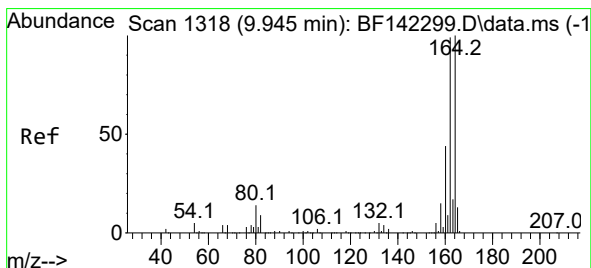
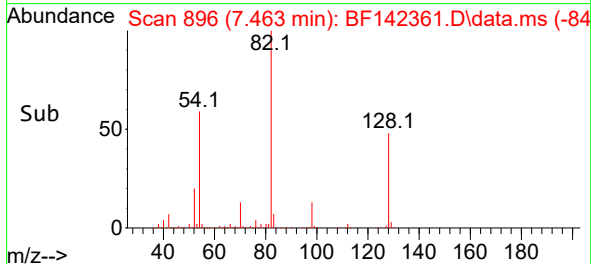
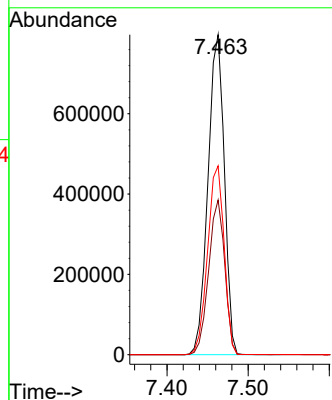
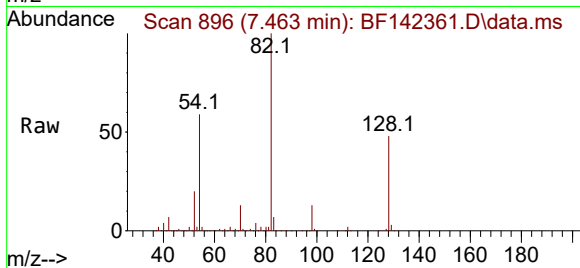
BNA_F

ClientSampleId :

PB167929BL

Tgt Ion: 82 Resp: 1114568

Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.0	55.6
54	59.0	48.6	73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

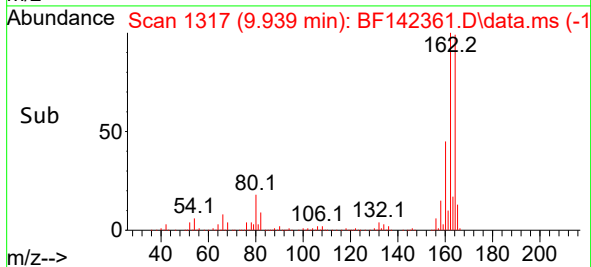
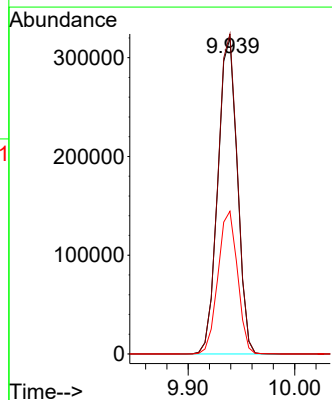
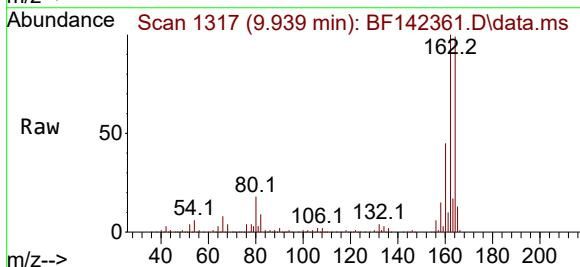
Delta R.T. -0.006 min

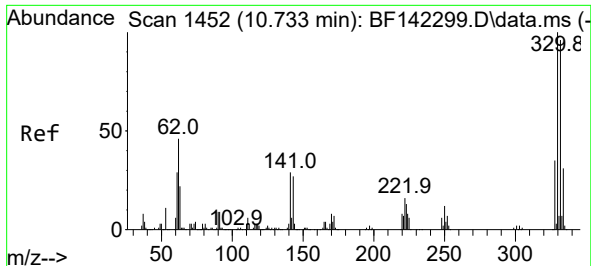
Lab File: BF142361.D

Acq: 14 May 2025 12:51

Tgt Ion:164 Resp: 405678

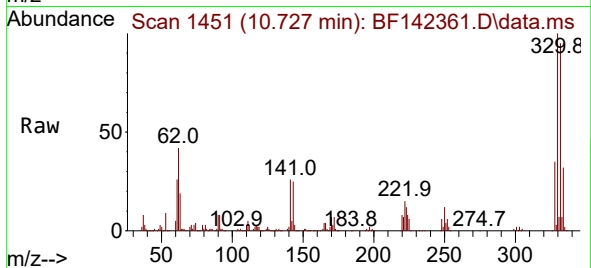
Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.2	118.8
160	45.2	35.3	52.9



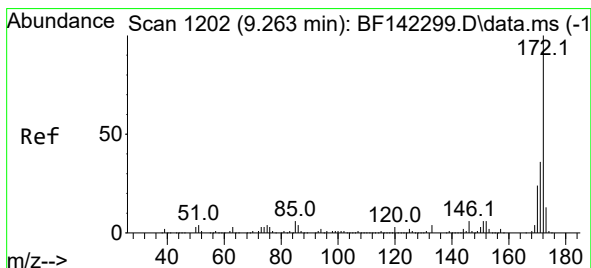
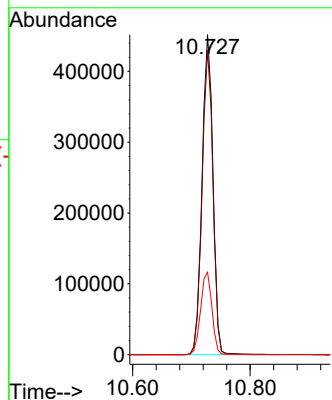
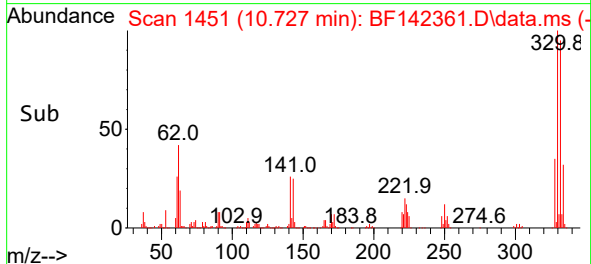


#42
2,4,6-Tribromophenol
Concen: 147.857 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142361.D
Acq: 14 May 2025 12:51

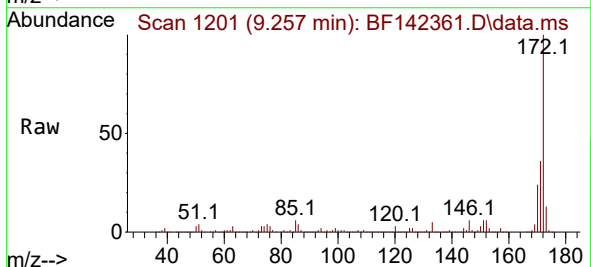
Instrument :
BNA_F
ClientSampleId :
PB167929BL



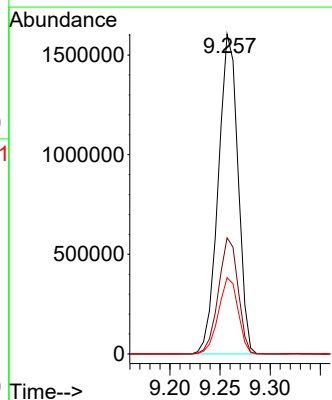
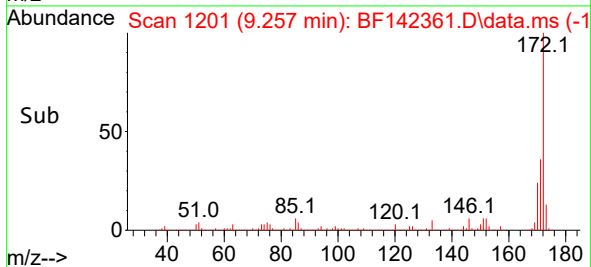
Tgt Ion:330 Resp: 579120
Ion Ratio Lower Upper
330 100
332 95.0 76.8 115.2
141 26.9 24.9 37.3

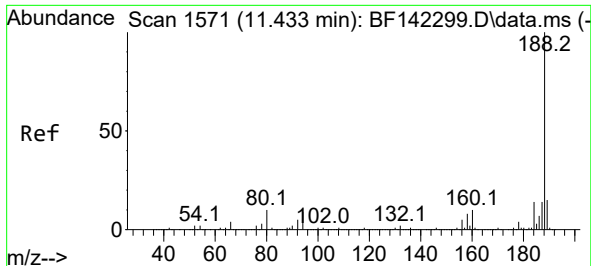


#45
2-Fluorobiphenyl
Concen: 77.081 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142361.D
Acq: 14 May 2025 12:51



Tgt Ion:172 Resp: 2193030
Ion Ratio Lower Upper
172 100
171 36.3 28.6 42.8
170 23.8 19.0 28.4

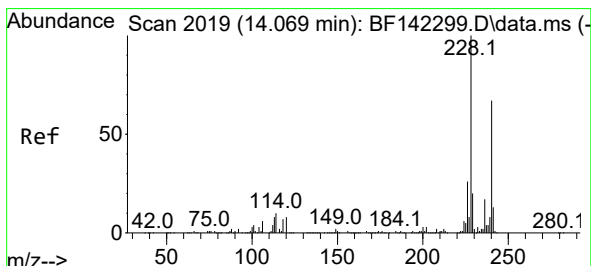
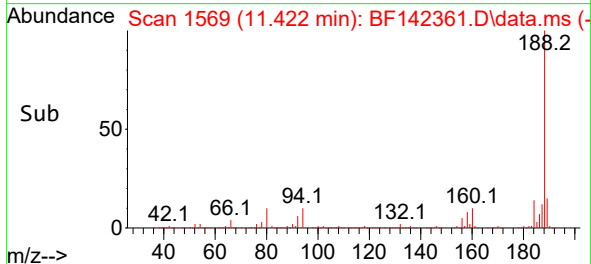
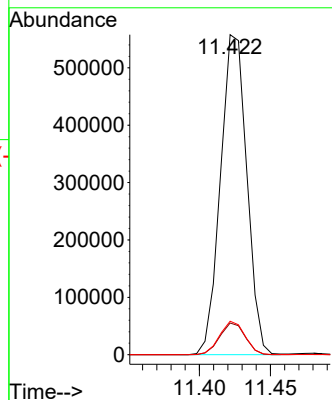
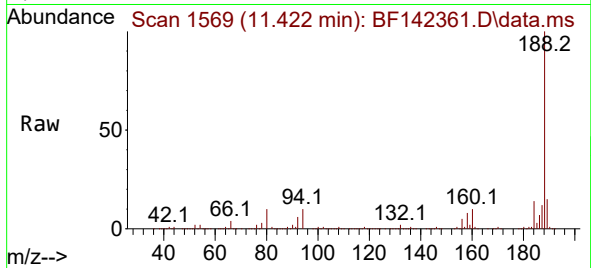




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142361.D
Acq: 14 May 2025 12:51

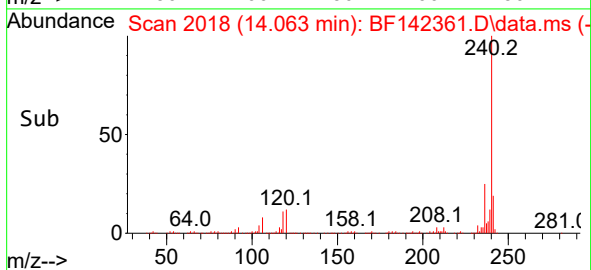
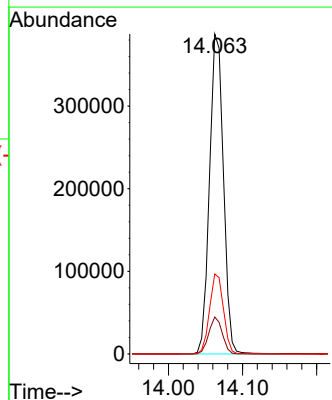
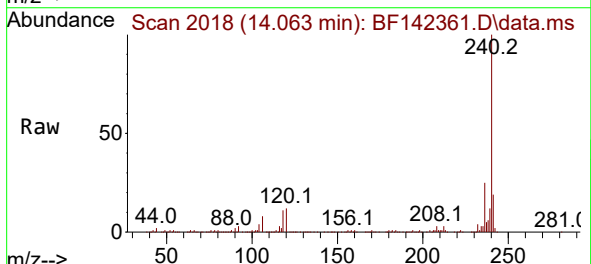
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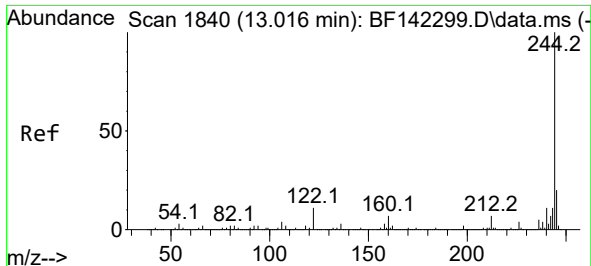
Tgt Ion:188 Resp: 720724
Ion Ratio Lower Upper
188 100
94 9.9 7.5 11.3
80 10.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142361.D
Acq: 14 May 2025 12:51

Tgt Ion:240 Resp: 505523
Ion Ratio Lower Upper
240 100
120 11.5 9.7 14.5
236 25.0 20.0 30.0

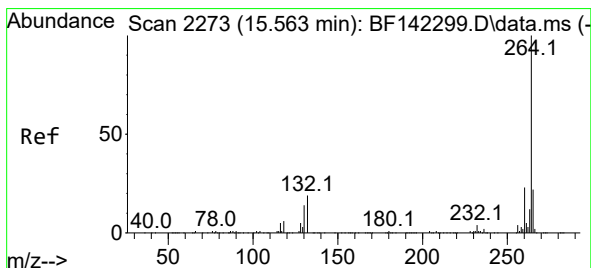
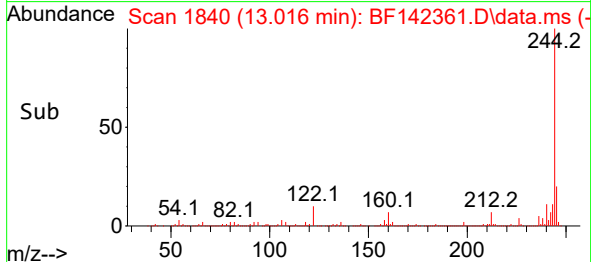
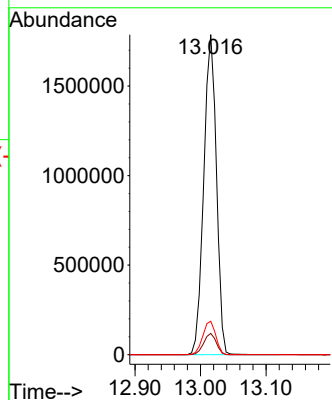
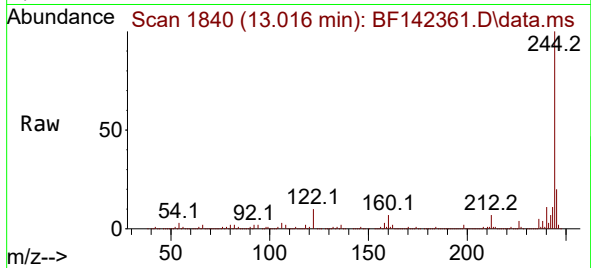




#79
 Terphenyl-d14
 Concen: 70.418 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142361.D
 Acq: 14 May 2025 12:51

Instrument :
 BNA_F
 ClientSampleId :
 PB167929BL

Tgt Ion:244 Resp: 2405082
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF142361.D
 Acq: 14 May 2025 12:51

Tgt Ion:264 Resp: 342845
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 21.5 17.5 26.3

