

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142641.D
 Acq On : 06 Jun 2025 12:06
 Operator : RC/JU
 Sample : PB168259BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168259BL

Quant Time: Jun 06 12:59:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	125991	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	479451	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	262840	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	462327	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	248067	20.000	ng	0.00
86) Perylene-d12	15.562	264	250839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	927476	124.022	ng	0.00
7) Phenol-d6	6.522	99	1134159	125.989	ng	-0.01
23) Nitrobenzene-d5	7.457	82	686957	78.129	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	369629	126.707	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1457548	74.411	ng	-0.02
79) Terphenyl-d14	13.010	244	1432929	78.937	ng	0.00

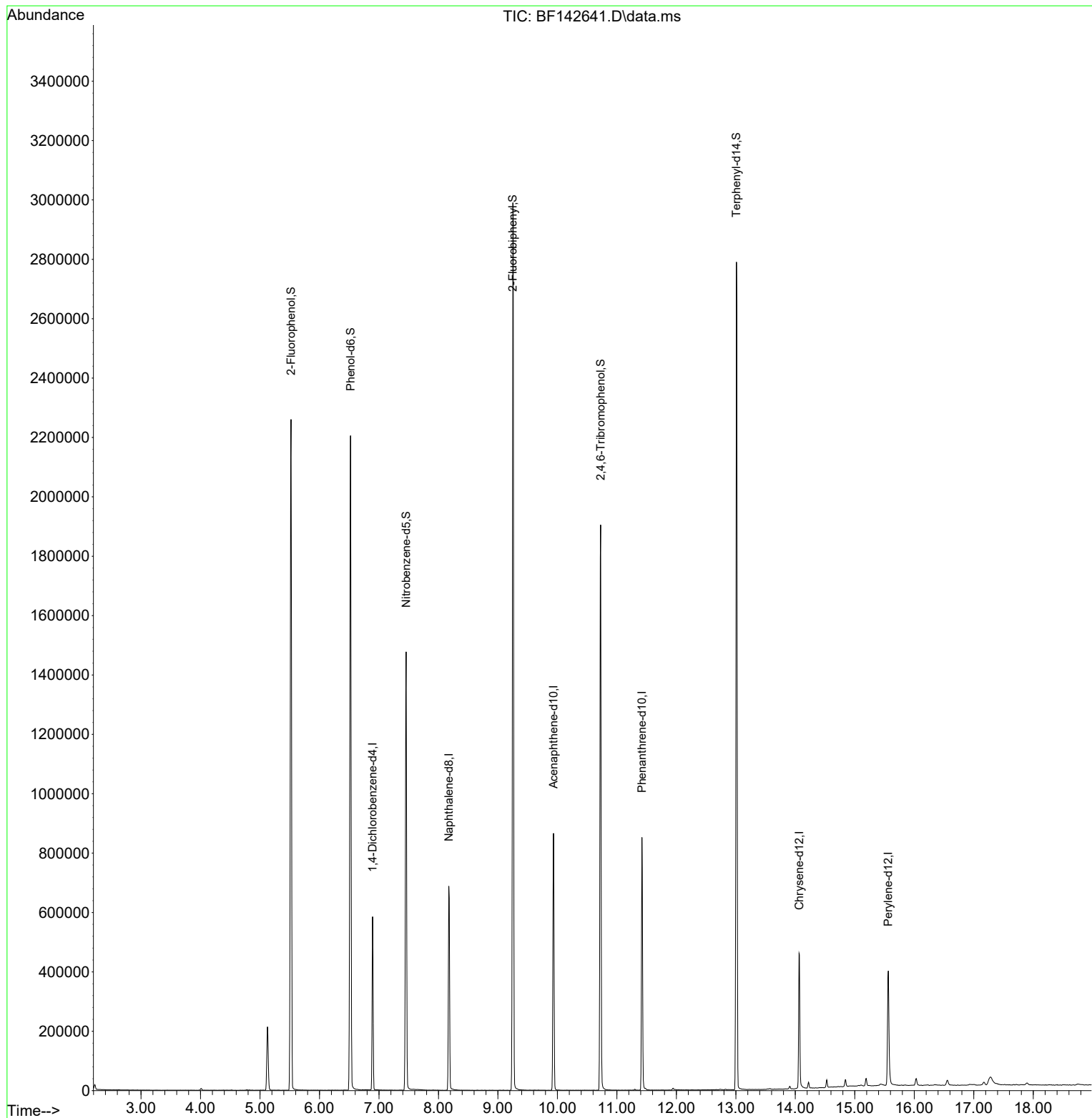
Target Compounds	Qvalue

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

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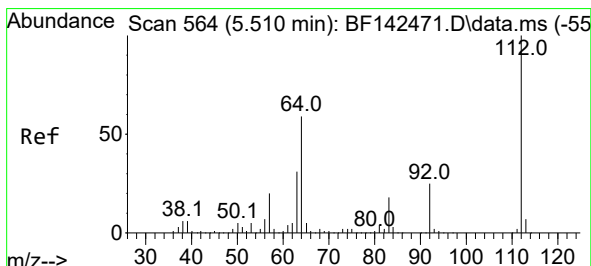
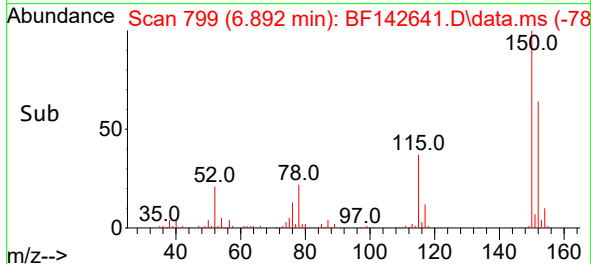
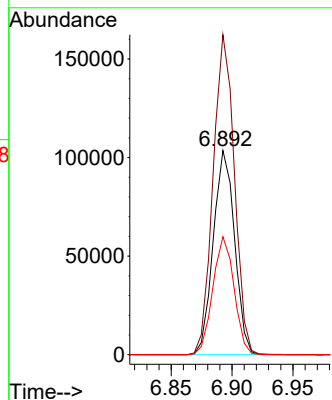
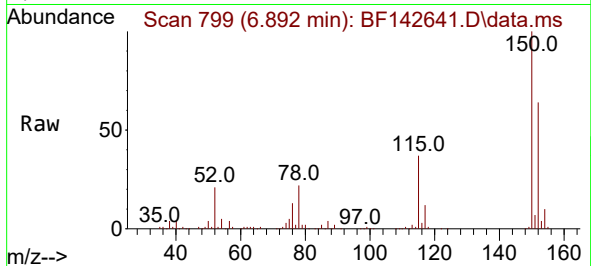




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF142641.D
Acq: 06 Jun 2025 12:06

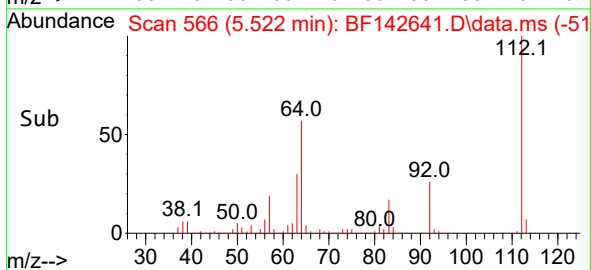
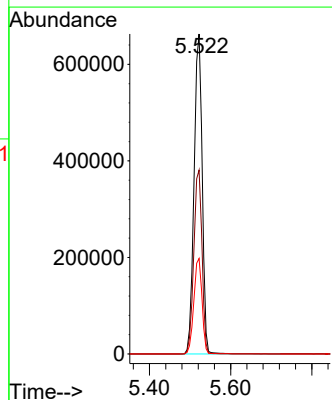
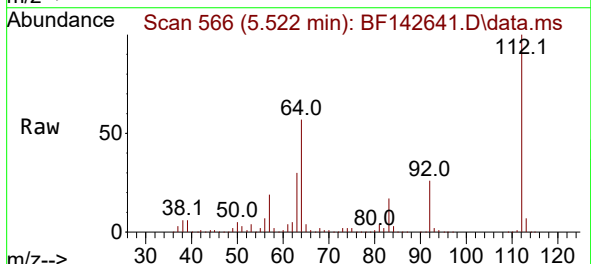
Instrument :
BNA_F
ClientSampleId :
PB168259BL

Tgt Ion:152 Resp: 125991
Ion Ratio Lower Upper
152 100
150 156.7 128.2 192.4
115 57.8 48.3 72.5



#5
2-Fluorophenol
Concen: 124.022 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142641.D
Acq: 06 Jun 2025 12:06

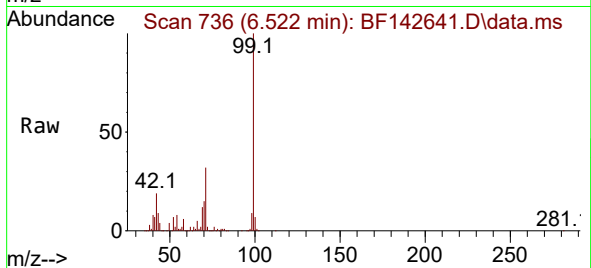
Tgt Ion:112 Resp: 927476
Ion Ratio Lower Upper
112 100
64 57.4 47.5 71.3
63 29.8 24.9 37.3





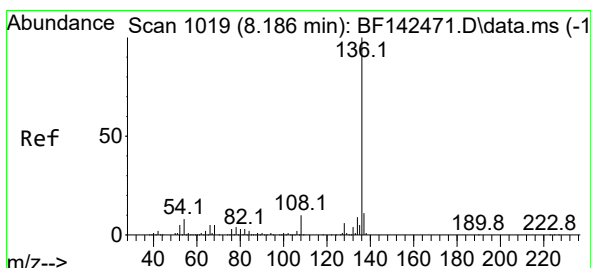
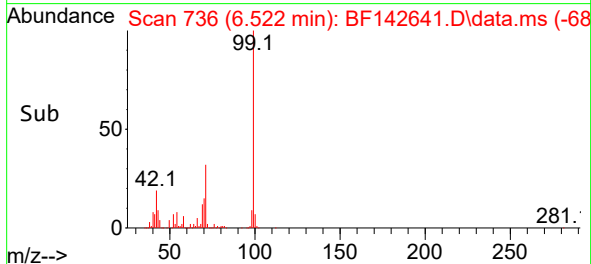
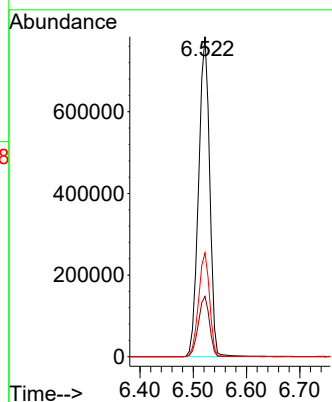
#7
Phenol-d6
Concen: 125.989 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142641.D
Acq: 06 Jun 2025 12:06

Instrument :
BNA_F
ClientSampleId :
PB168259BL



Tgt Ion: 99 Resp: 1134159

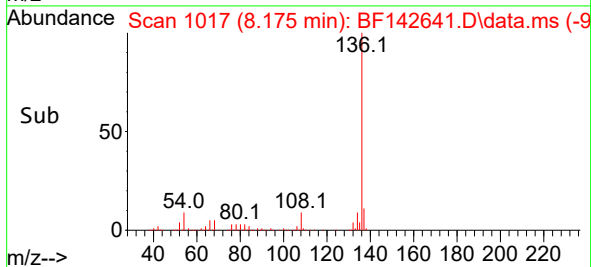
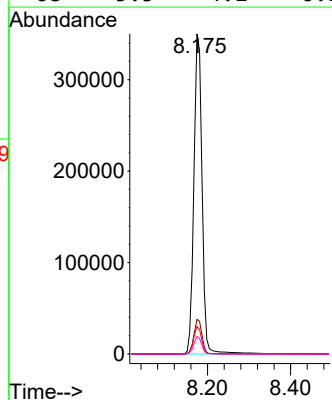
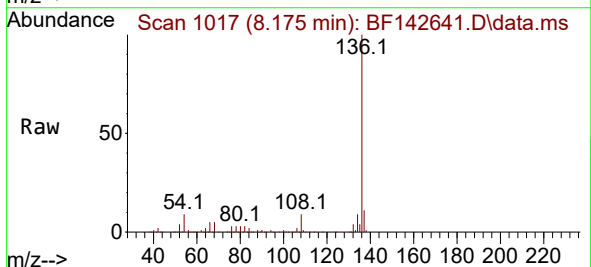
Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.2	24.2
71	32.5	27.3	40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF142641.D
Acq: 06 Jun 2025 12:06

Tgt Ion: 136 Resp: 479451

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.6	6.6	10.0
68	5.5	4.1	6.1





#23

Nitrobenzene-d5

Concen: 78.129 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF142641.D

Acq: 06 Jun 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB168259BL

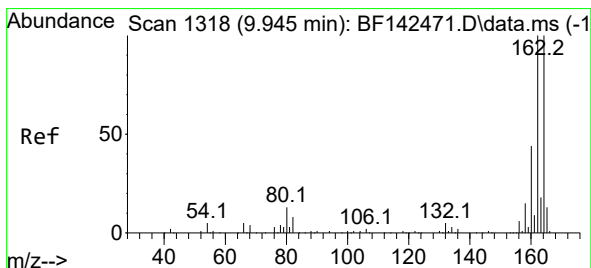
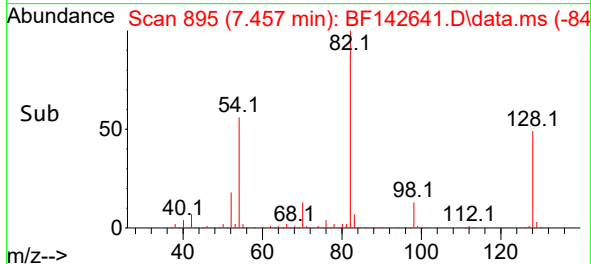
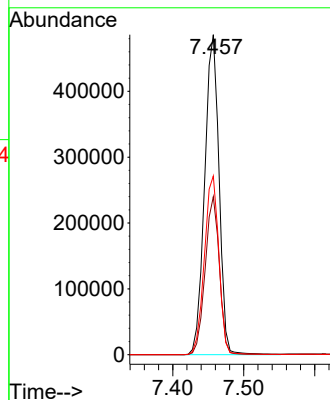
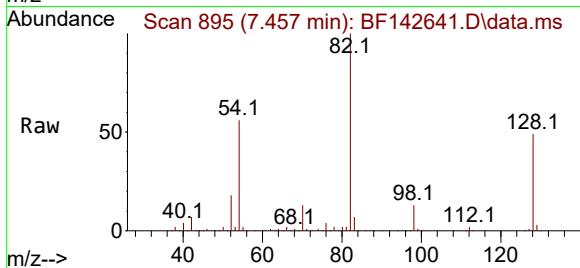
Tgt Ion: 82 Resp: 686957

Ion Ratio Lower Upper

82 100

128 49.4 37.4 56.2

54 55.9 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142641.D

Acq: 06 Jun 2025 12:06

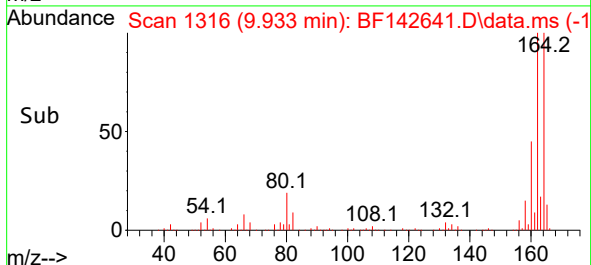
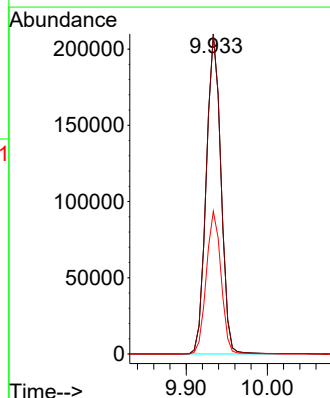
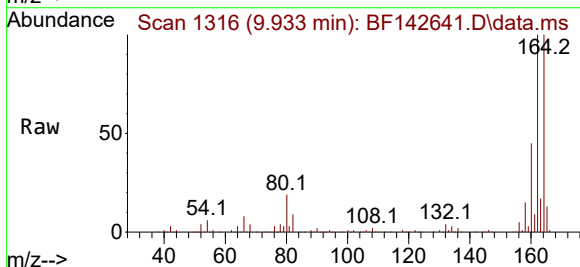
Tgt Ion:164 Resp: 262840

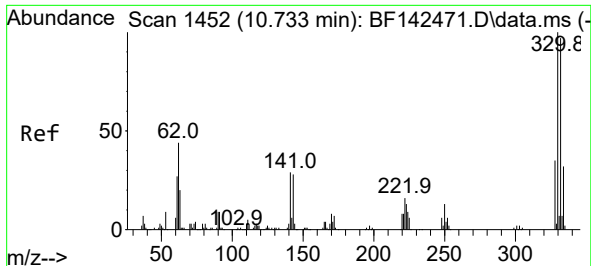
Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.4

160 44.7 35.6 53.4

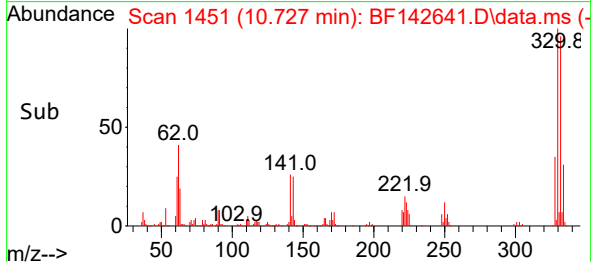
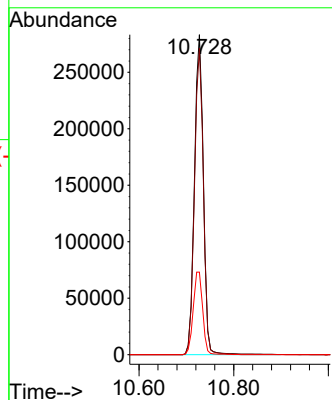
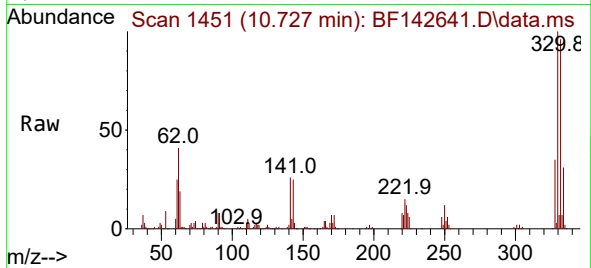




#42
2,4,6-Tribromophenol
Concen: 126.707 ng
RT: 10.727 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF142641.D
Acq: 06 Jun 2025 12:06

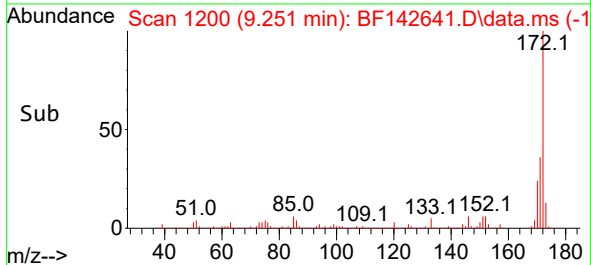
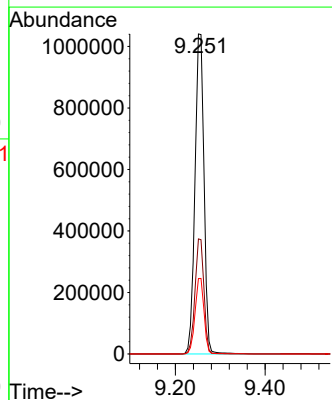
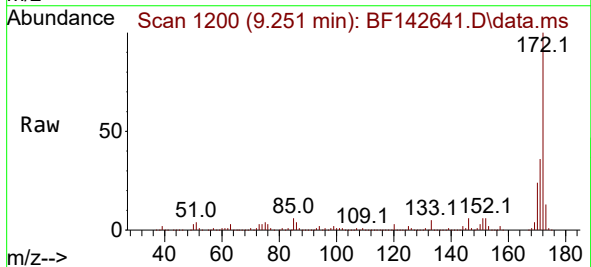
Instrument :
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Tgt Ion:330 Resp: 369629
Ion Ratio Lower Upper
330 100
332 95.7 77.6 116.4
141 27.4 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 74.411 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.018 min
Lab File: BF142641.D
Acq: 06 Jun 2025 12:06

Tgt Ion:172 Resp: 1457548
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 23.6 18.9 28.3

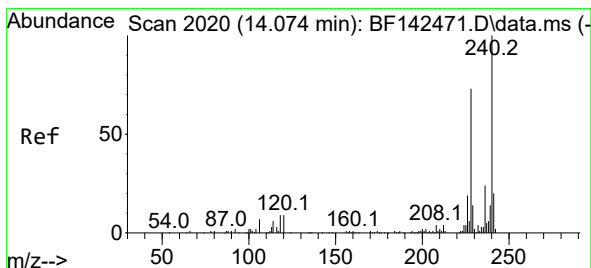
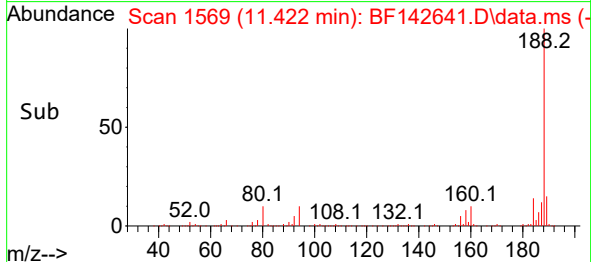
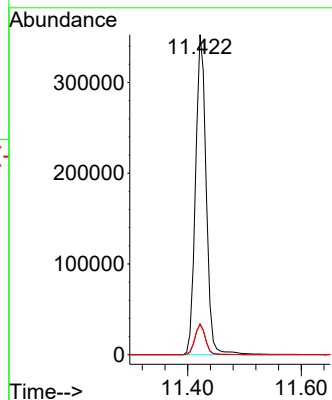
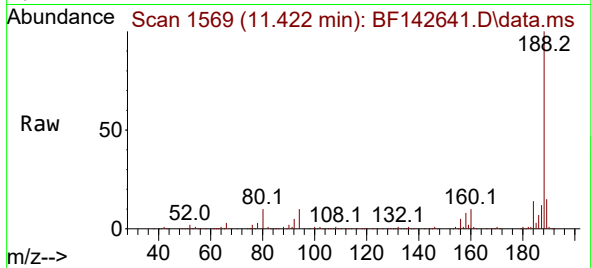




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142641.D
Acq: 06 Jun 2025 12:06

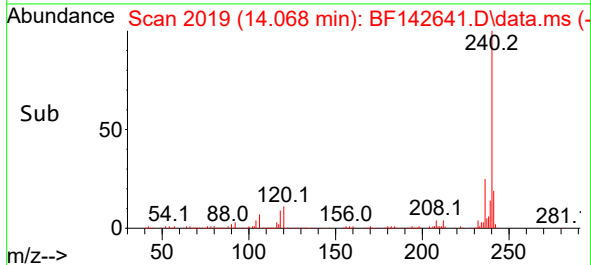
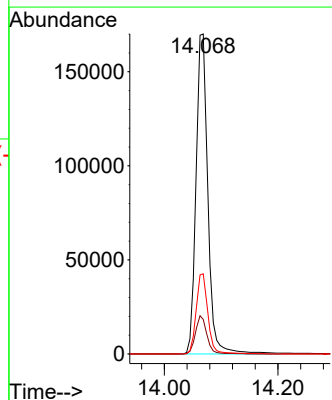
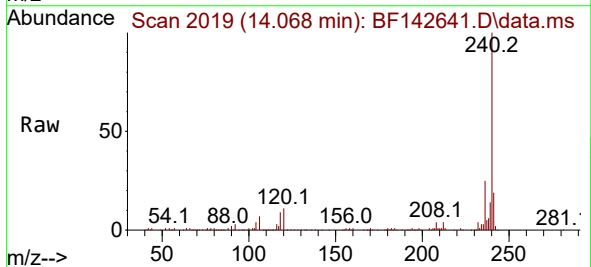
Instrument :
BNA_F
ClientSampleId :
PB168259BL

Tgt Ion:188 Resp: 462327
Ion Ratio Lower Upper
188 100
94 9.5 6.6 10.0
80 9.6 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142641.D
Acq: 06 Jun 2025 12:06

Tgt Ion:240 Resp: 248067
Ion Ratio Lower Upper
240 100
120 10.8 7.5 11.3
236 25.0 19.6 29.4

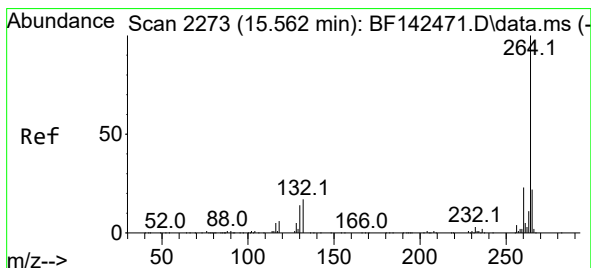
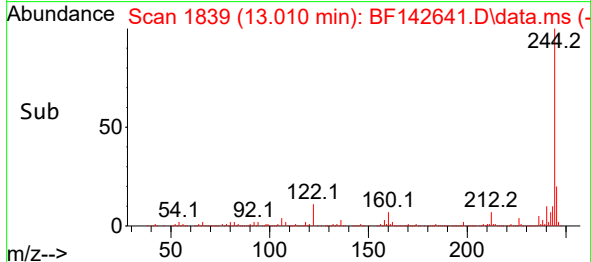
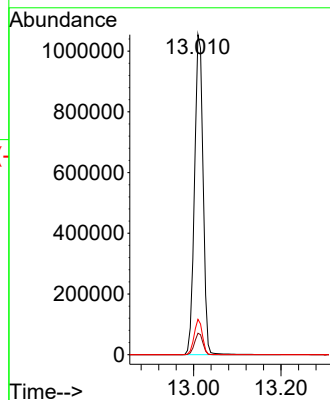
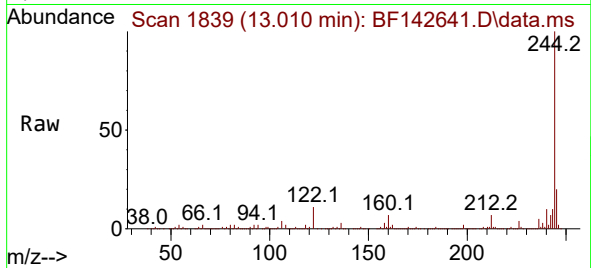




#79
 Terphenyl-d14
 Concen: 78.937 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142641.D
 Acq: 06 Jun 2025 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB168259BL

Tgt Ion:244 Resp: 1432929
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 11.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF142641.D
 Acq: 06 Jun 2025 12:06

Tgt Ion:264 Resp: 250839
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.3 17.7 26.5

