

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144247.D
 Acq On : 13 Nov 2025 16:54
 Operator : RC/JU
 Sample : Q3574-01 20X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 304641-01 Liquid

Quant Time: Nov 13 17:17:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

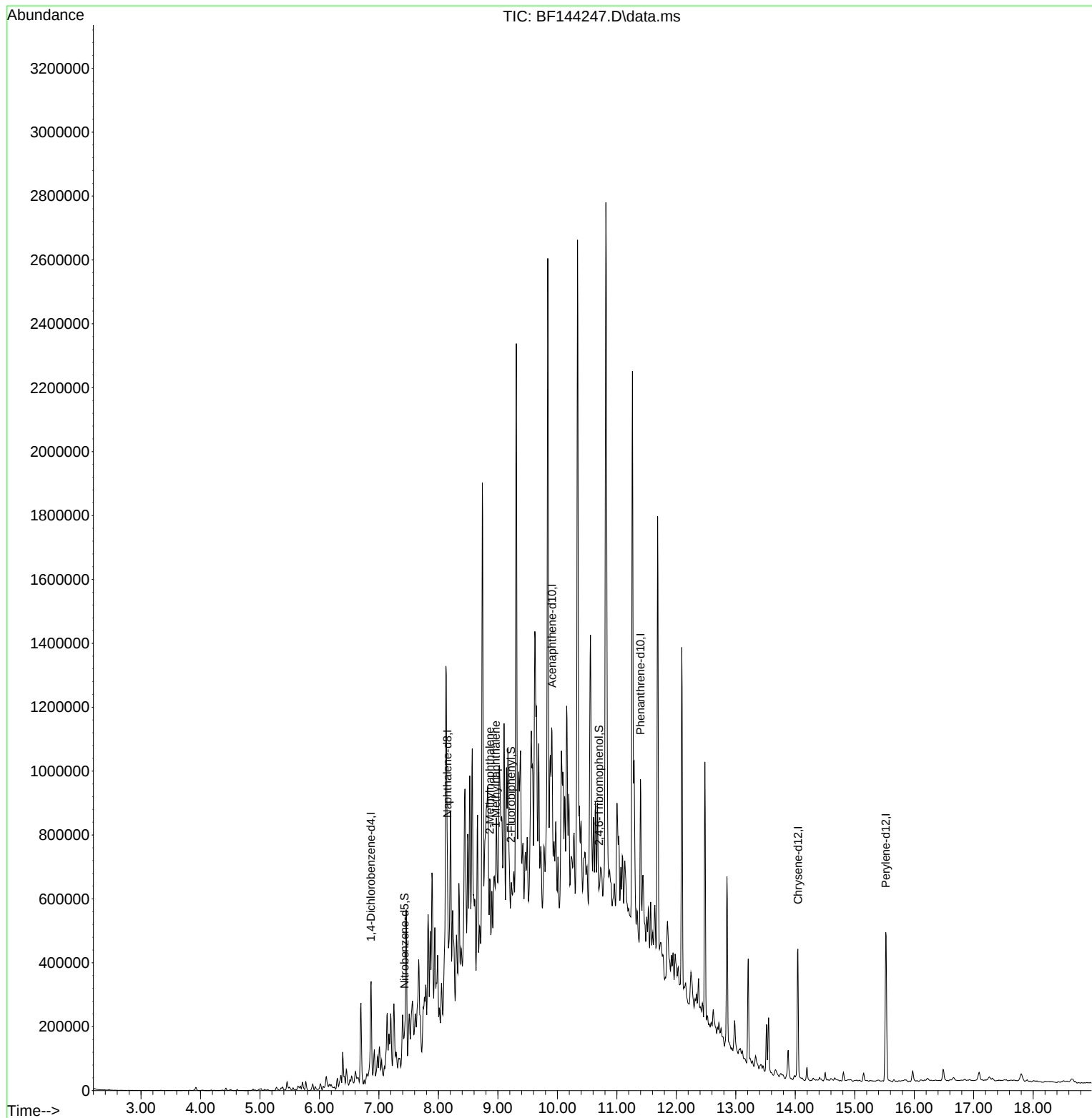
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	55637	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	193837	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	96234	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	265408	20.000	ng	0.00
76) Chrysene-d12	14.045	240	217534	20.000	ng	0.00
86) Perylene-d12	15.521	264	307917	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	6224	1.751	ng	0.00
7) Phenol-d6	6.510	99	6823	1.694	ng	0.01
23) Nitrobenzene-d5	7.428	82	18186	5.419	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	6446	5.338	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	31553	4.843	ng	0.00
79) Terphenyl-d14	12.980	244	24626	1.798	ng	-0.01
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	8.863	142	24974	4.051	ng	94
38) 1-Methylnaphthalene	8.963	142	15313	2.574	ng	91

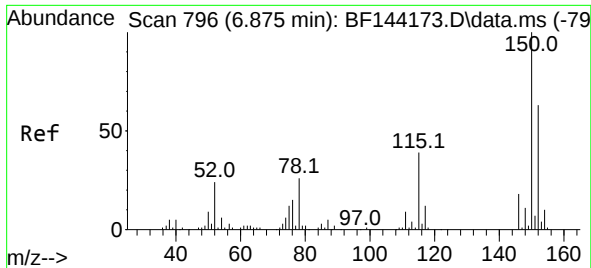
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144247.D
Acq On : 13 Nov 2025 16:54
Operator : RC/JU
Sample : Q3574-01 20X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
304641-01 Liquid

Quant Time: Nov 13 17:17:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

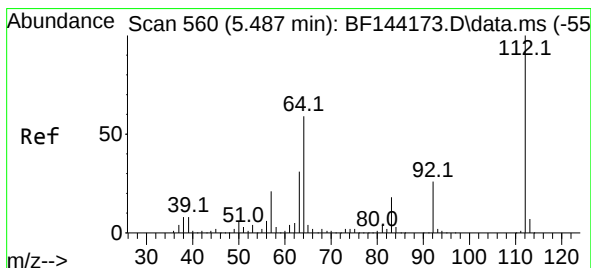
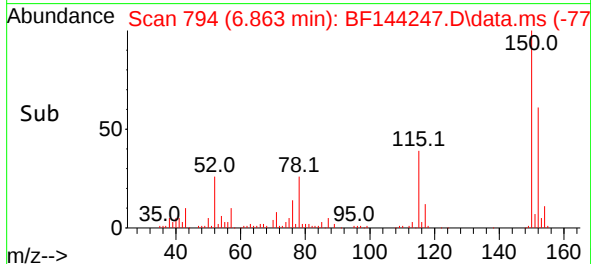
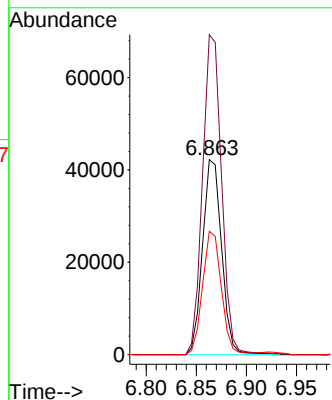
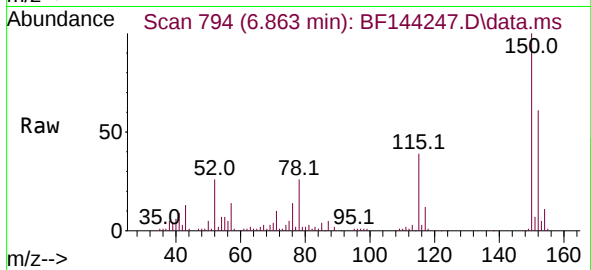




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144247.D
Acq: 13 Nov 2025 16:54

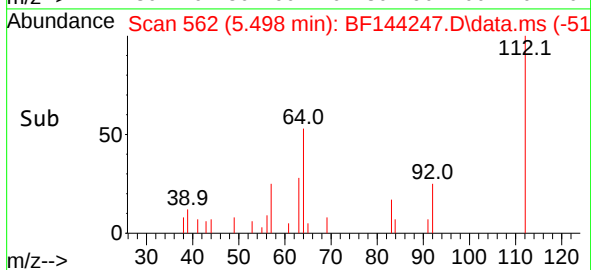
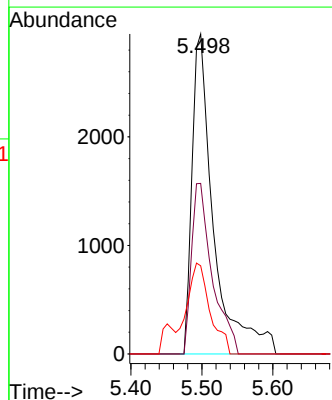
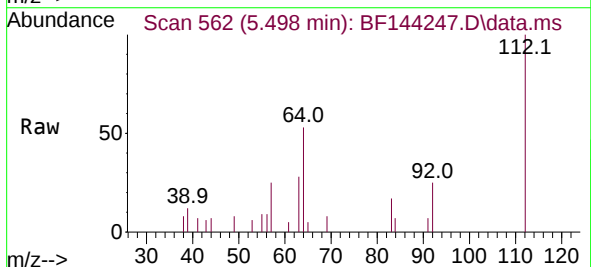
Instrument :
BNA_F
ClientSampleId :
304641-01 Liquid

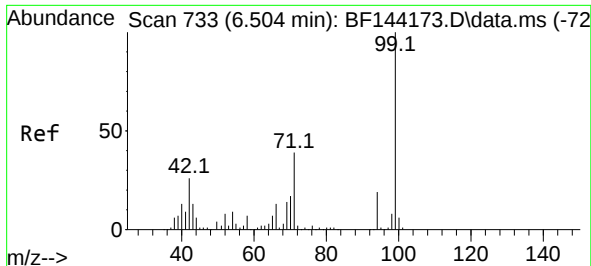
Tgt Ion:152 Resp: 55637
Ion Ratio Lower Upper
152 100
150 164.2 127.4 191.0
115 63.2 49.5 74.3



#5
2-Fluorophenol
Concen: 1.751 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144247.D
Acq: 13 Nov 2025 16:54

Tgt Ion:112 Resp: 6224
Ion Ratio Lower Upper
112 100
64 53.3 47.2 70.8
63 27.5 24.4 36.6

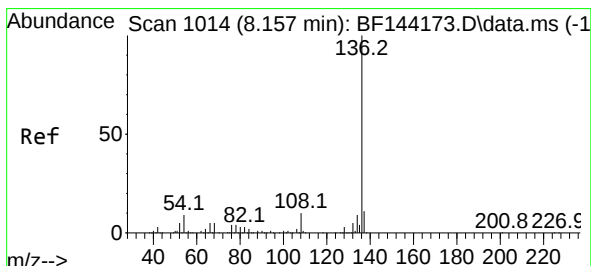
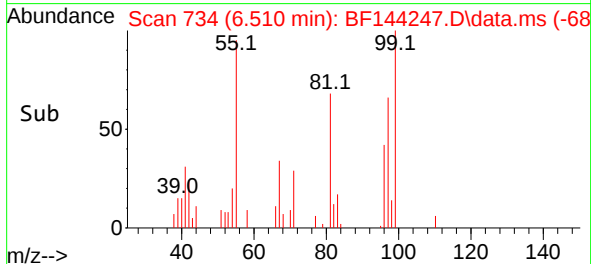
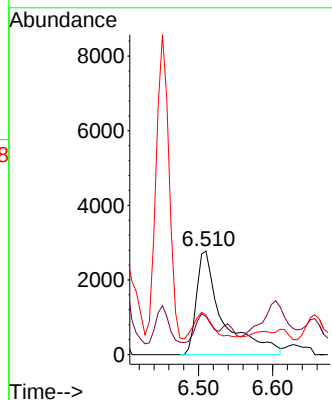
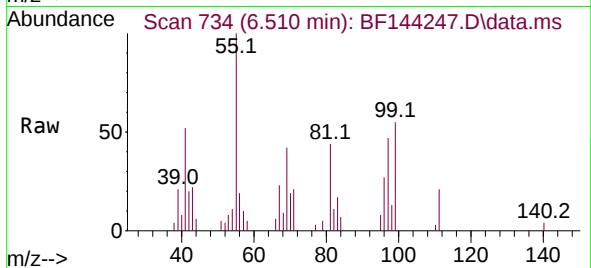




#7
Phenol-d6
Concen: 1.694 ng
RT: 6.510 min Scan# 733
Delta R.T. 0.012 min
Lab File: BF144247.D
Acq: 13 Nov 2025 16:54

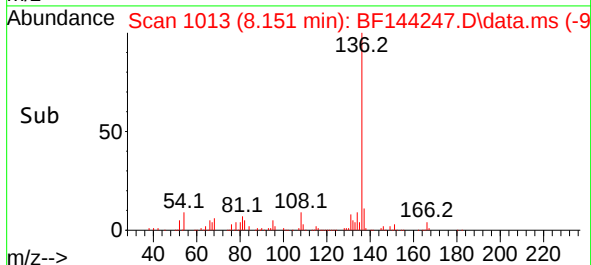
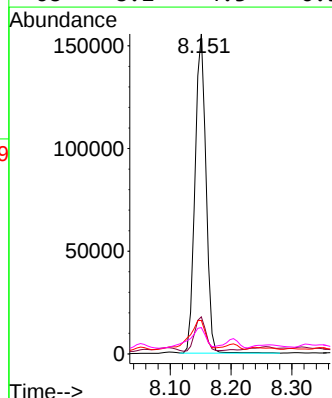
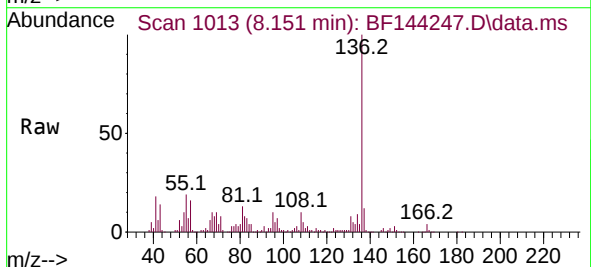
Instrument :
BNA_F
ClientSampleId :
304641-01 Liquid

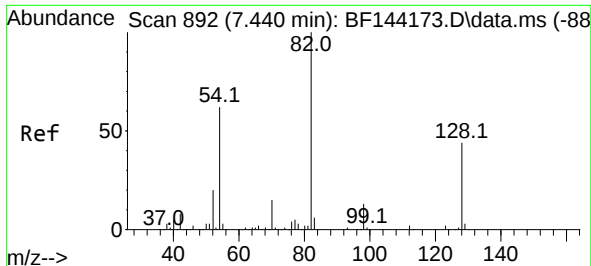
Tgt Ion: 99 Resp: 6823
Ion Ratio Lower Upper
99 100
42 37.1 20.9 31.3#
71 38.1 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF144247.D
Acq: 13 Nov 2025 16:54

Tgt Ion:136 Resp: 193837
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 10.5 7.0 10.6
68 8.2 4.3 6.5#

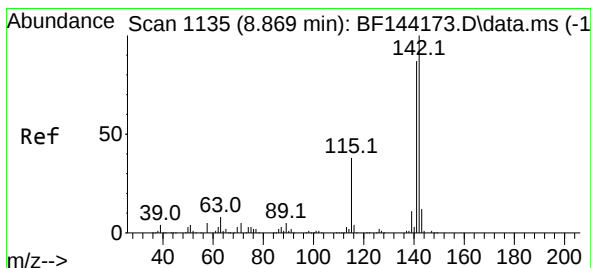
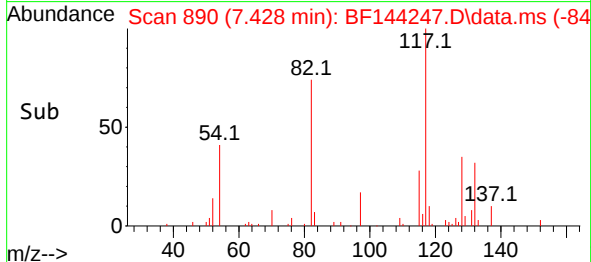
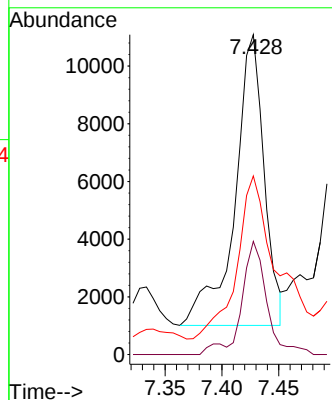
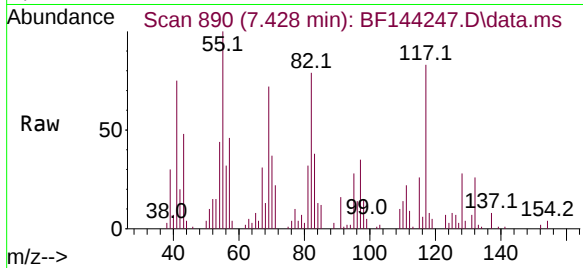




#23
Nitrobenzene-d5
Concen: 5.419 ng
RT: 7.428 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144247.D
Acq: 13 Nov 2025 16:54

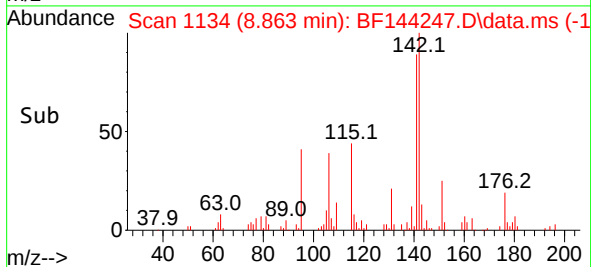
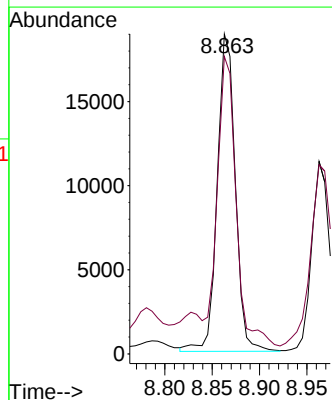
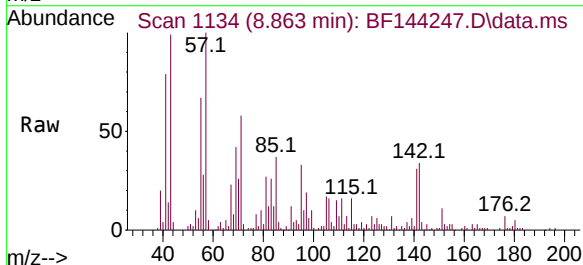
Instrument :
BNA_F
ClientSampleId :
304641-01 Liquid

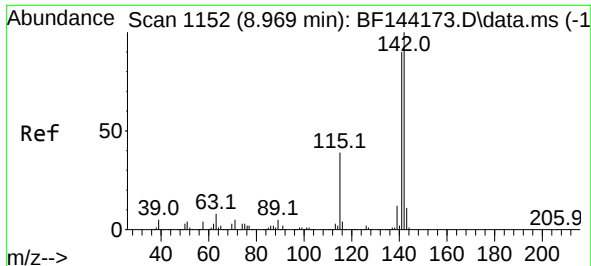
Tgt Ion: 82 Resp: 18186
Ion Ratio Lower Upper
82 100
128 35.4 34.7 52.1
54 55.8 49.5 74.3



#37
2-Methylnaphthalene
Concen: 4.051 ng
RT: 8.863 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF144247.D
Acq: 13 Nov 2025 16:54

Tgt Ion: 142 Resp: 24974
Ion Ratio Lower Upper
142 100
141 92.9 69.9 104.9





#38

1-Methylnaphthalene

Concen: 2.574 ng

RT: 8.963 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF144247.D

Acq: 13 Nov 2025 16:54

Instrument :

BNA_F

ClientSampleId :

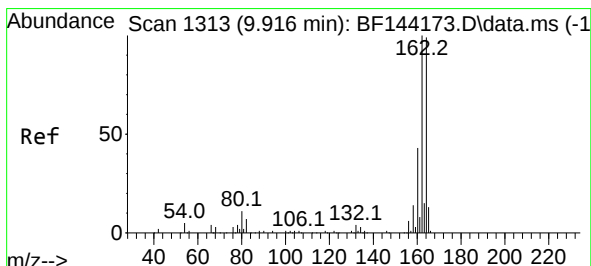
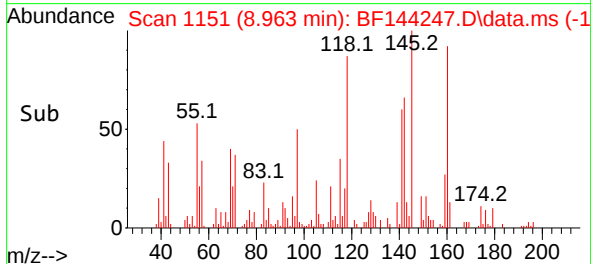
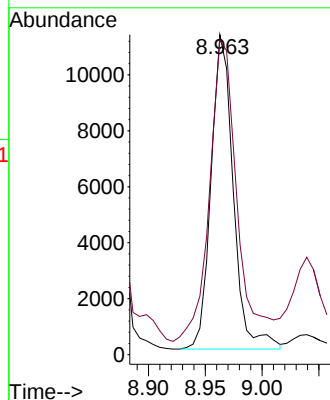
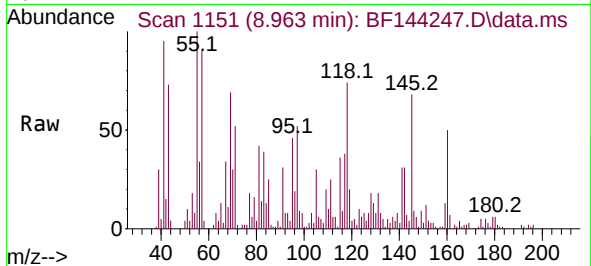
304641-01 Liquid

Tgt Ion:142 Resp: 15313

Ion Ratio Lower Upper

142 100

141 98.2 72.1 108.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BF144247.D

Acq: 13 Nov 2025 16:54

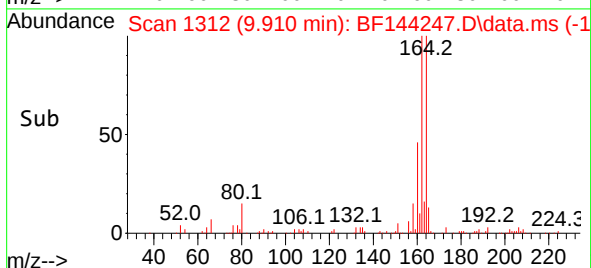
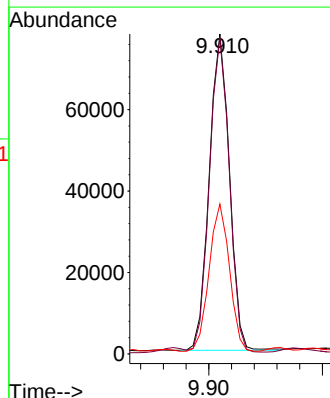
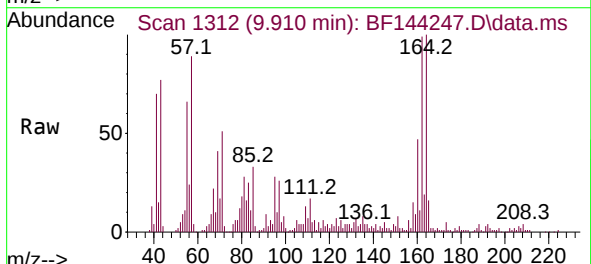
Tgt Ion:164 Resp: 96234

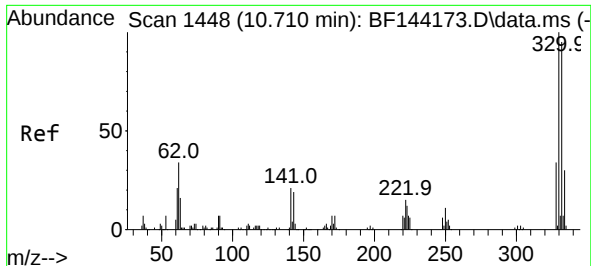
Ion Ratio Lower Upper

164 100

162 98.8 81.1 121.7

160 46.8 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 5.338 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF144247.D

Acq: 13 Nov 2025 16:54

Instrument :

BNA_F

ClientSampleId :

304641-01 Liquid

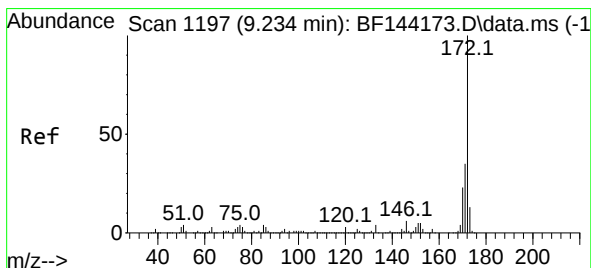
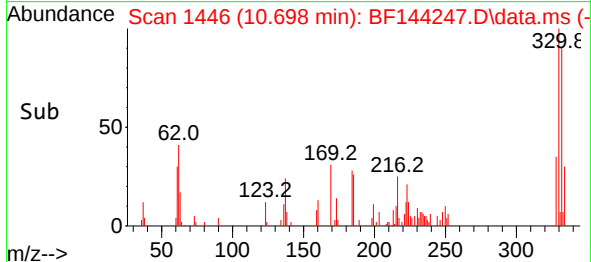
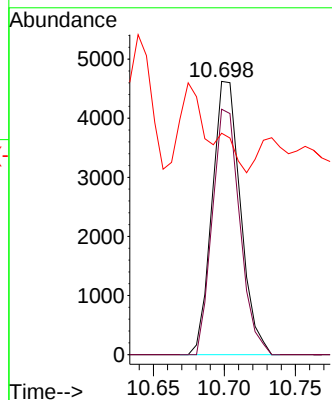
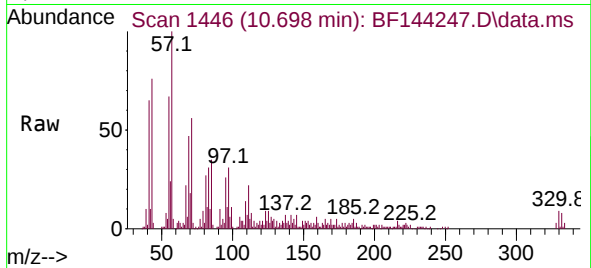
Tgt Ion:330 Resp: 6446

Ion Ratio Lower Upper

330 100

332 86.8 76.7 115.1

141 0.0 17.8 26.8#



#45

2-Fluorobiphenyl

Concen: 4.843 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144247.D

Acq: 13 Nov 2025 16:54

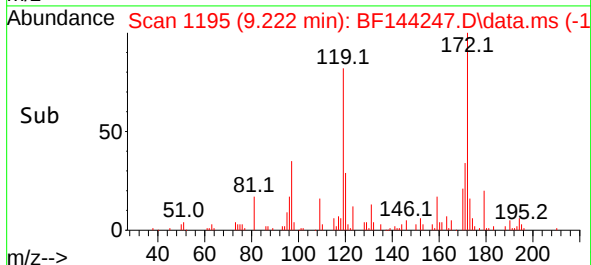
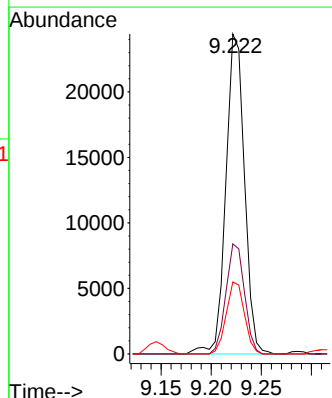
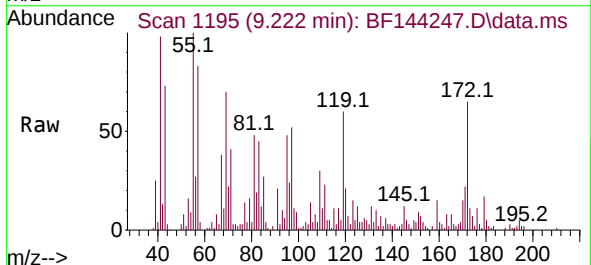
Tgt Ion:172 Resp: 31553

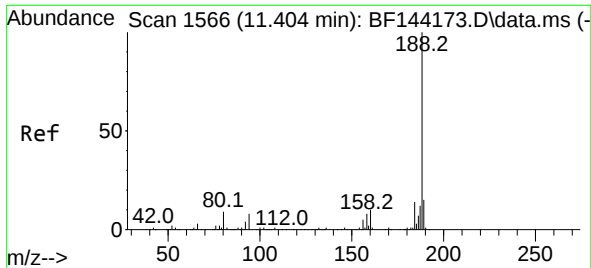
Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

170 22.5 18.6 28.0

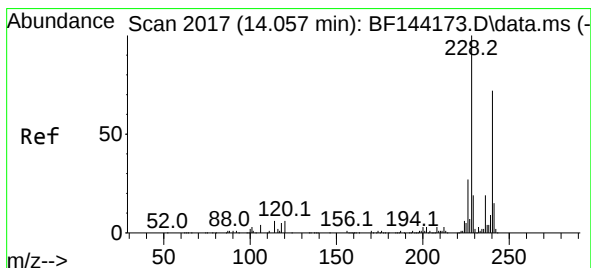
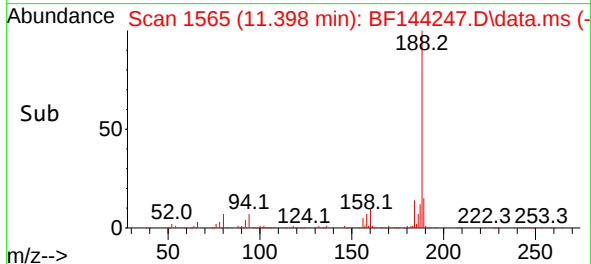
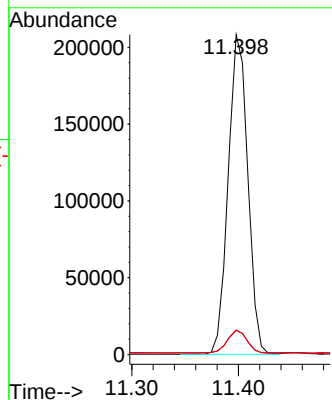
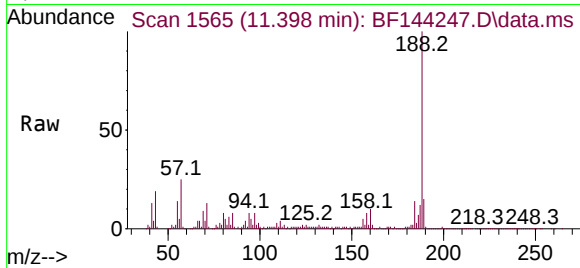




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144247.D
Acq: 13 Nov 2025 16:54

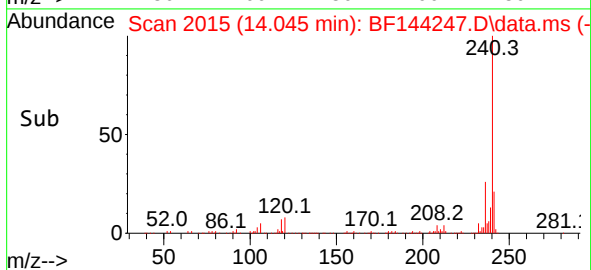
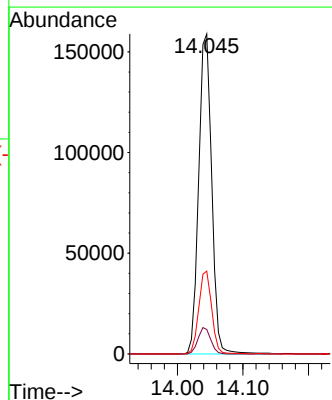
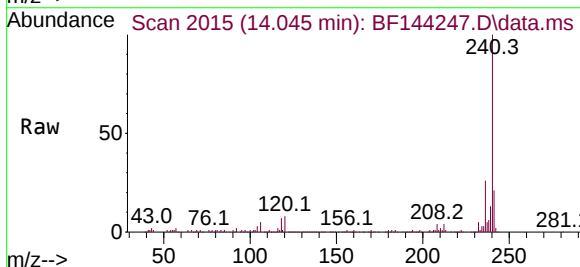
Instrument :
BNA_F
ClientSampleId :
304641-01 Liquid

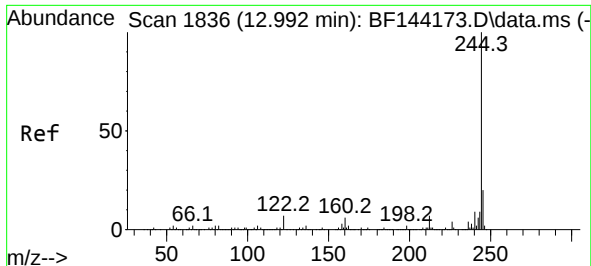
Tgt Ion:188 Resp: 265408
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 7.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144247.D
Acq: 13 Nov 2025 16:54

Tgt Ion:240 Resp: 217534
Ion Ratio Lower Upper
240 100
120 7.6 6.6 10.0
236 25.9 21.4 32.2

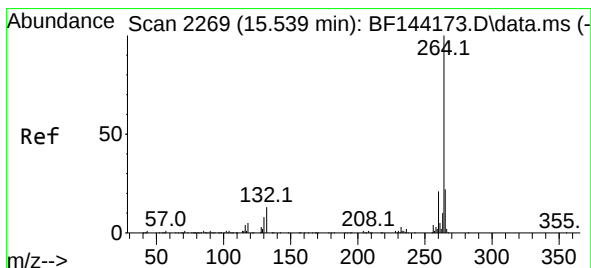
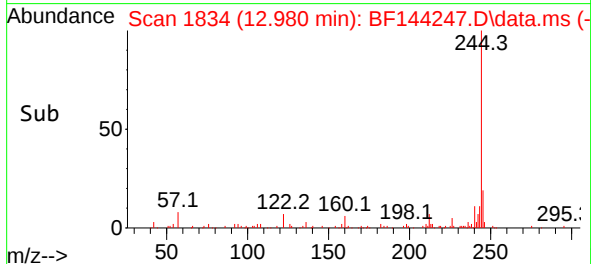
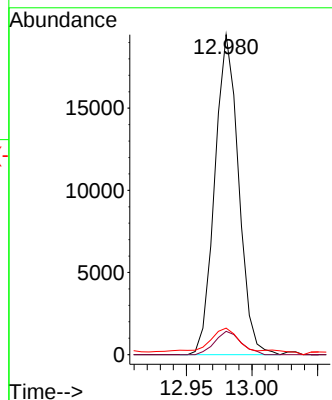
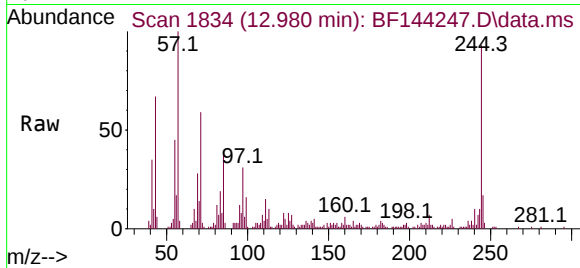




#79
 Terphenyl-d14
 Concen: 1.798 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144247.D
 Acq: 13 Nov 2025 16:54

Instrument :
 BNA_F
 ClientSampleId :
 304641-01 Liquid

Tgt Ion:244	Resp:	24626
Ion Ratio	Lower	Upper
244	100	
212	7.3	5.3 7.9
122	8.3	5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF144247.D
 Acq: 13 Nov 2025 16:54

Tgt Ion:264	Resp:	307917
Ion Ratio	Lower	Upper
264	100	
260	21.9	17.1 25.7
265	21.2	17.4 26.0

