

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142732.D
 Acq On : 11 Jun 2025 13:52
 Operator : RC/JU
 Sample : Q2264-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EF-WW

Quant Time: Jun 11 14:38:00 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	6.892	152	50296	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	171492	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	83162	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	135918	20.000	ng	0.00
76) Chrysene-d12	14.068	240	136838	20.000	ng	0.00
86) Perylene-d12	15.568	264	151313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	2329	0.789	ng	0.04
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	7.481	82	212316	67.756	ng	0.02
42) 2,4,6-Tribromophenol	10.727	330	1904	2.089	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	375332	59.961	ng	0.00
79) Terphenyl-d14	13.010	244	514144	51.605	ng	0.00

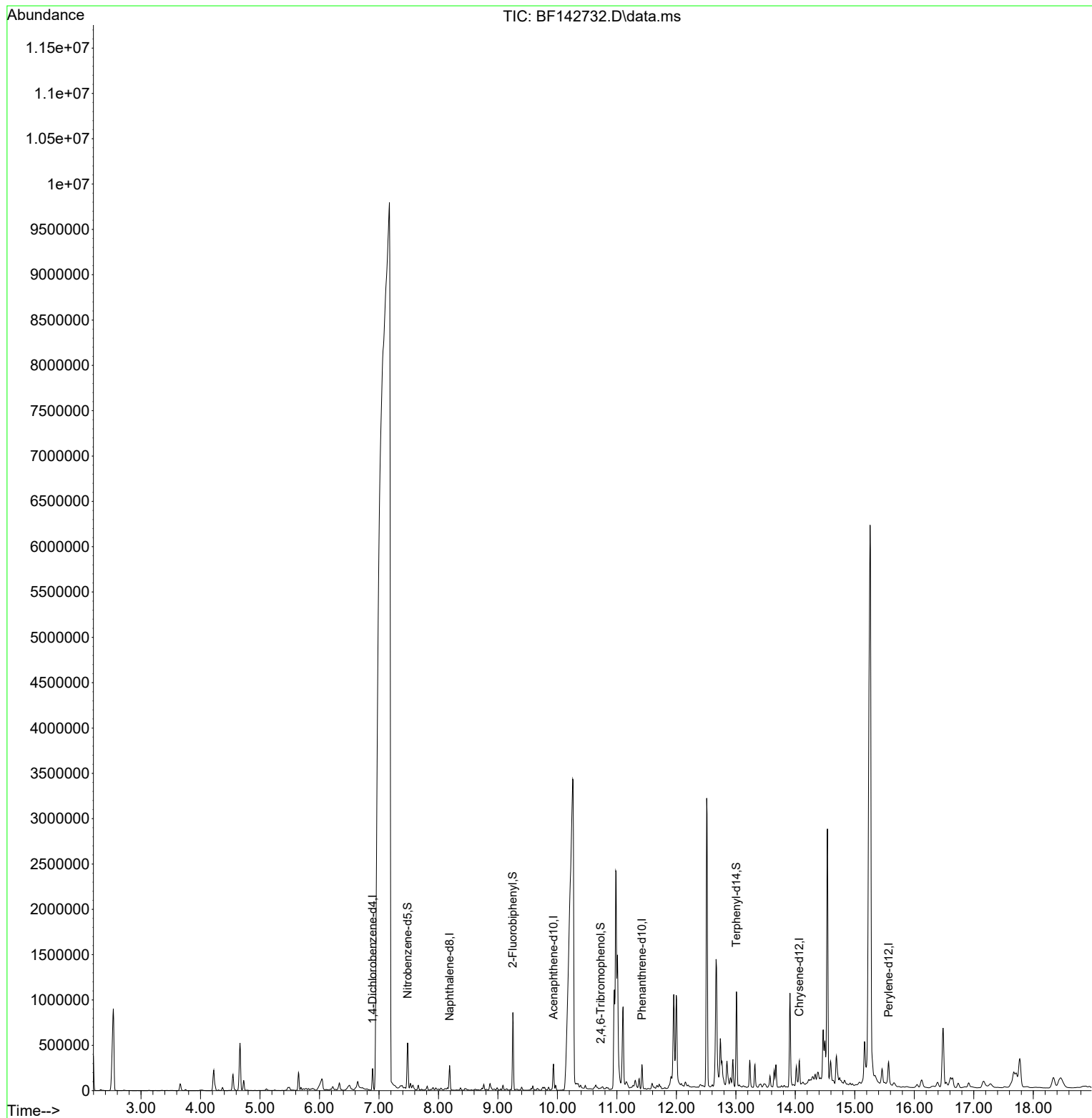
Target Compounds	Qvalue

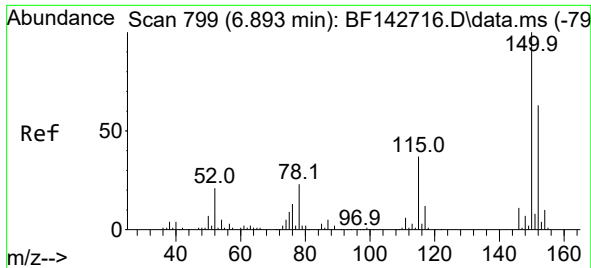
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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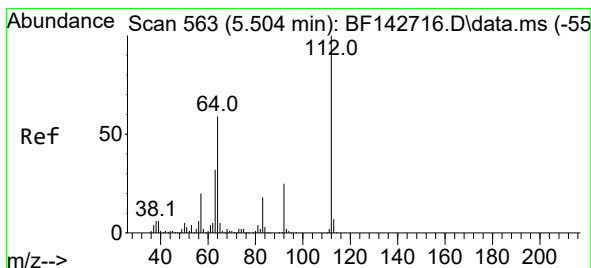
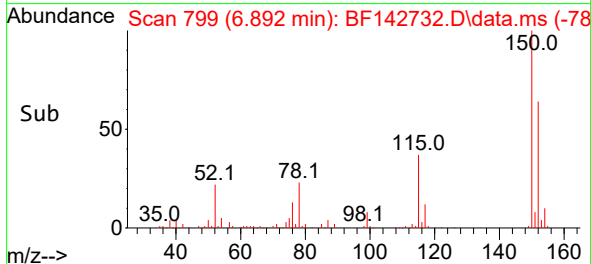
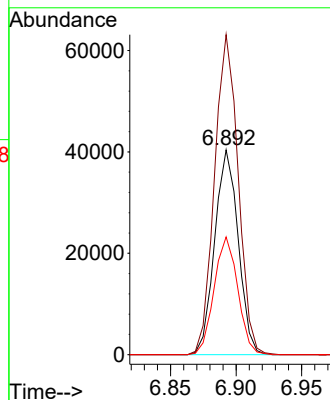
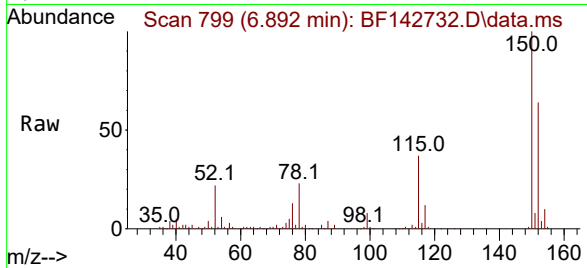




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

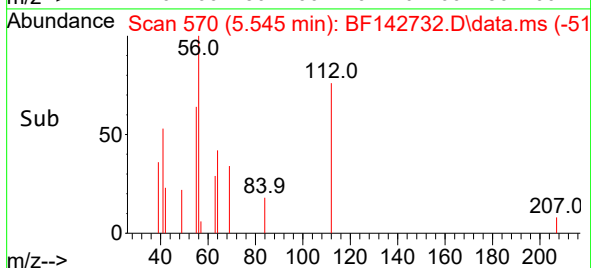
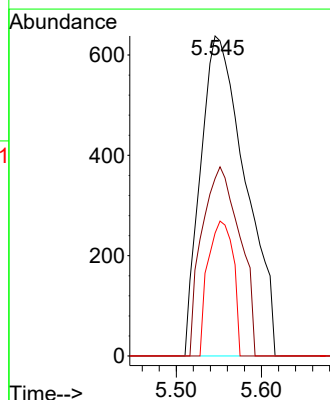
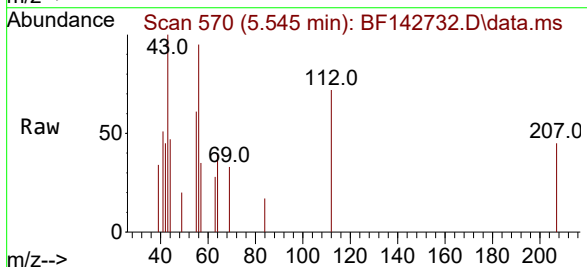
Instrument :
BNA_F
ClientSampleId :
EF-WW

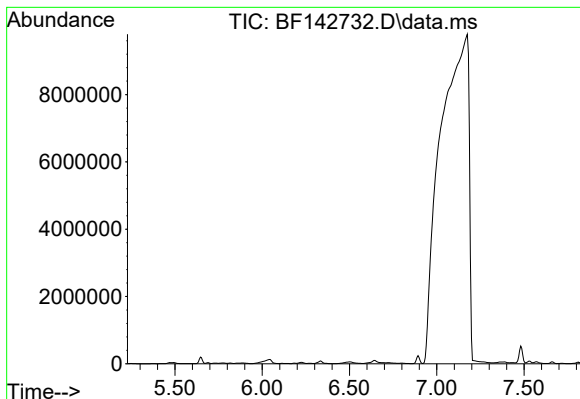
Tgt Ion:152 Resp: 50296
Ion Ratio Lower Upper
152 100
150 156.2 126.9 190.3
115 57.5 47.0 70.6



#5
2-Fluorophenol
Concen: 0.789 ng
RT: 5.545 min Scan# 570
Delta R.T. 0.041 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Tgt Ion:112 Resp: 2329
Ion Ratio Lower Upper
112 100
64 55.5 47.4 71.2
63 38.4 25.4 38.0#



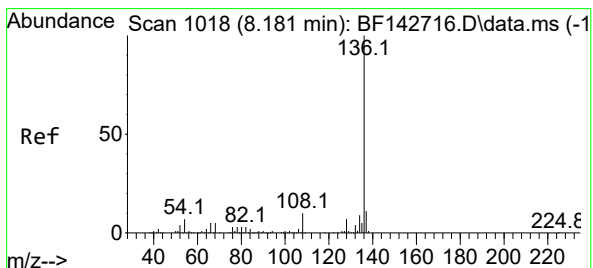
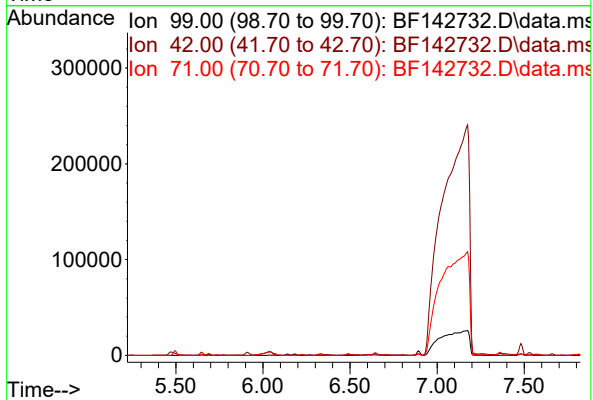


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.52 min
 Lab File: BF142732.D
 Acq: 11 Jun 2025 13:52

Instrument :
 BNA_F
 ClientSampleId :
 EF-WW

Tgt Ion: 99

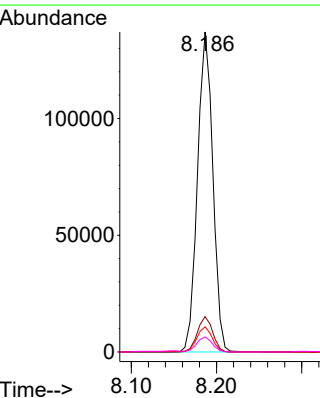
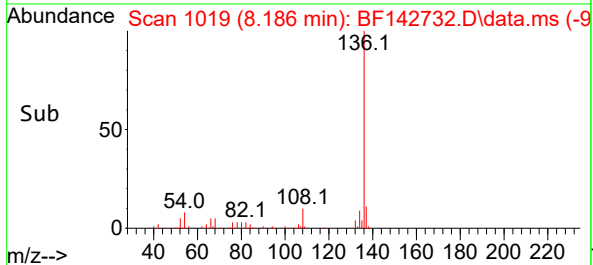
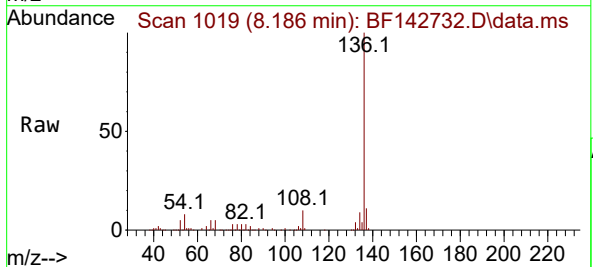
Sig	Exp Ratio
99	100
42	19.9
71	35.0

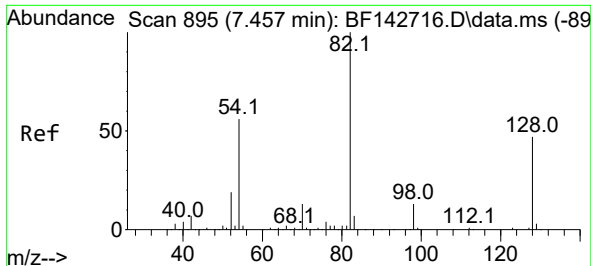


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.186 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: BF142732.D
 Acq: 11 Jun 2025 13:52

Tgt Ion: 136 Resp: 171492

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.8	5.9	8.9
68	4.7	3.7	5.5

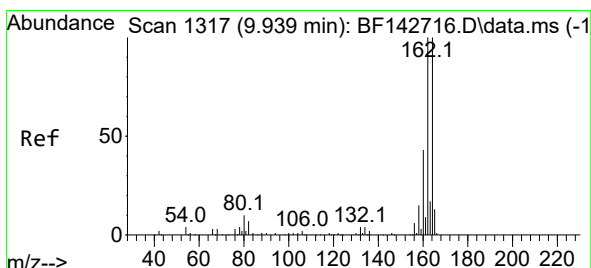
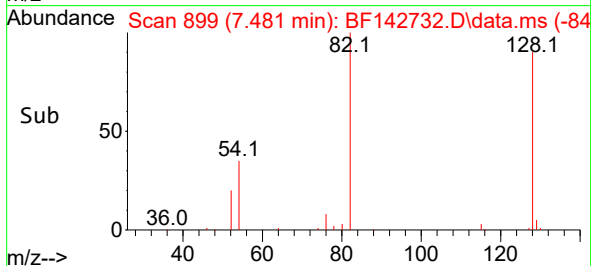
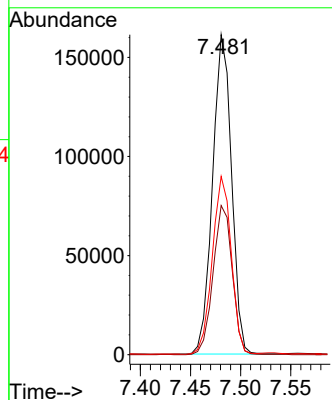
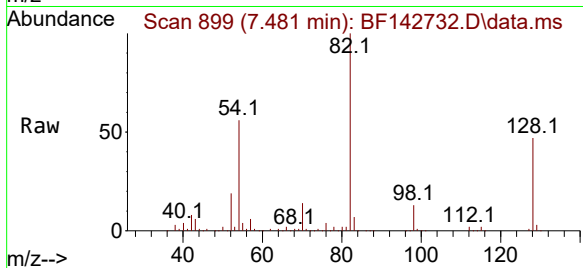




#23
Nitrobenzene-d5
Concen: 67.756 ng
RT: 7.481 min Scan# 89
Delta R.T. 0.024 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

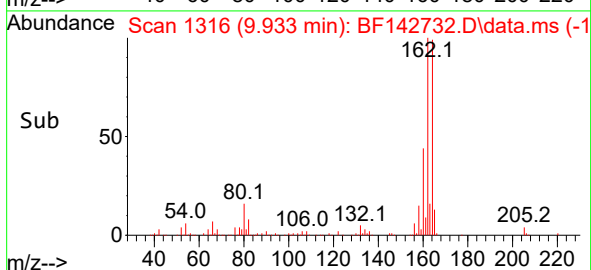
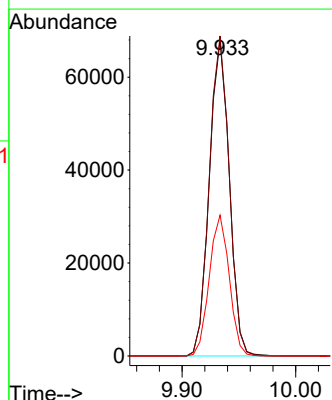
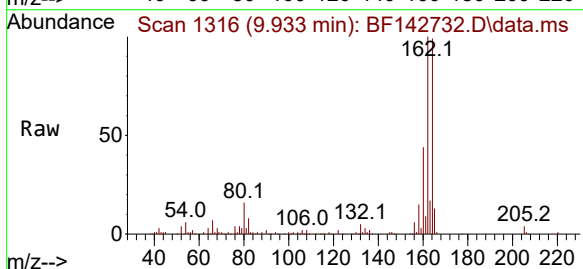
Instrument :
BNA_F
ClientSampleId :
EF-WW

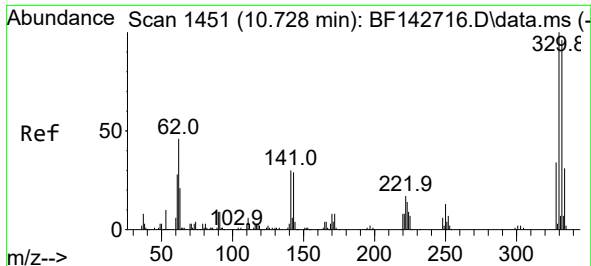
Tgt Ion: 82 Resp: 212316
Ion Ratio Lower Upper
82 100
128 46.6 37.8 56.8
54 55.7 44.9 67.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Tgt Ion:164 Resp: 83162
Ion Ratio Lower Upper
164 100
162 101.4 79.9 119.9
160 44.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 2.089 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.001 min

Lab File: BF142732.D

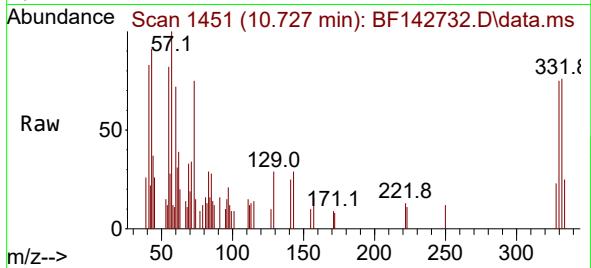
Acq: 11 Jun 2025 13:52

Instrument :

BNA_F

ClientSampleId :

EF-WW



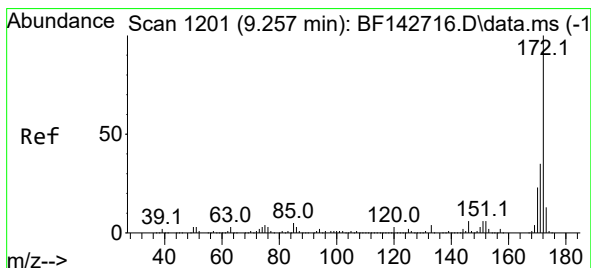
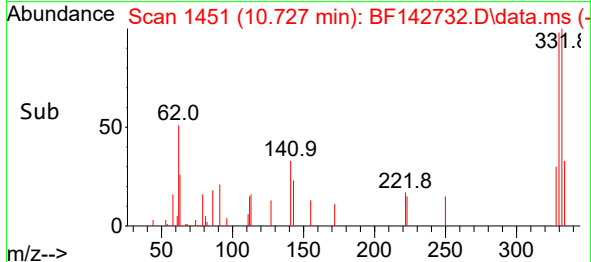
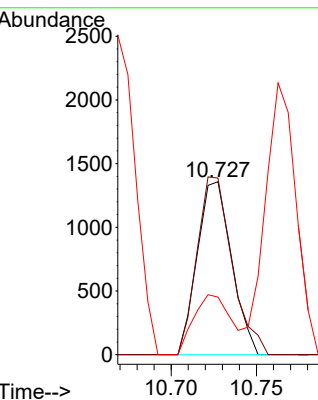
Tgt Ion:330 Resp: 1904

Ion Ratio Lower Upper

330 100

332 104.9 77.0 115.6

141 36.8 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 59.961 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF142732.D

Acq: 11 Jun 2025 13:52

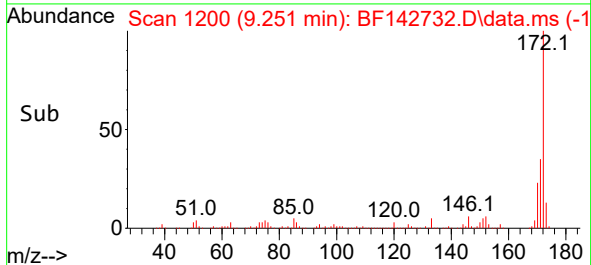
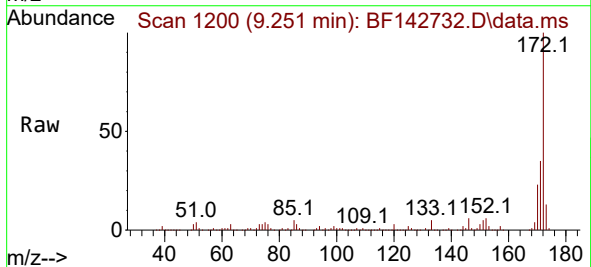
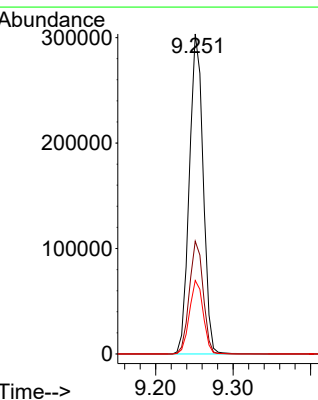
Tgt Ion:172 Resp: 375332

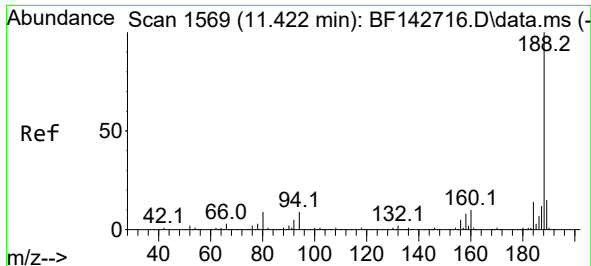
Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 22.9 18.6 27.8

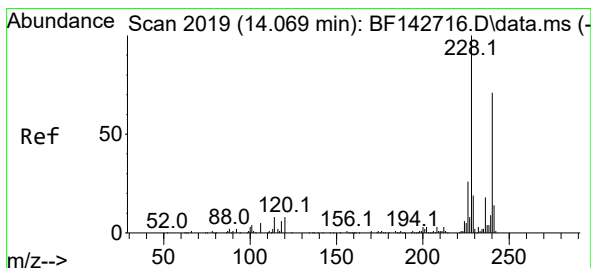
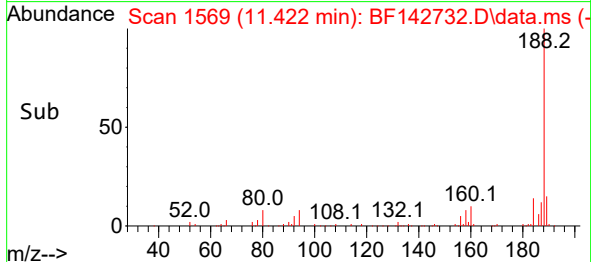
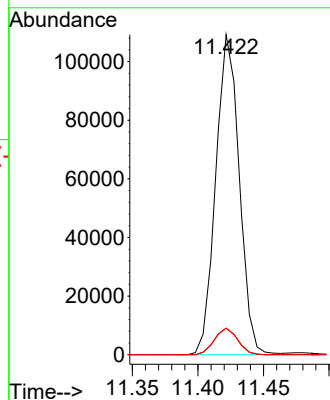
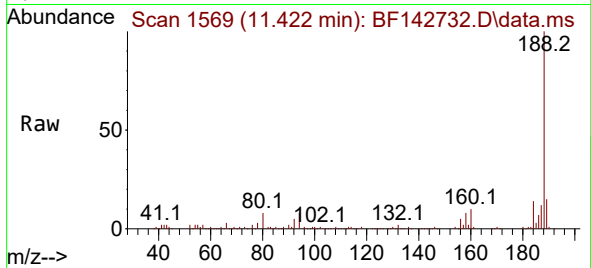




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

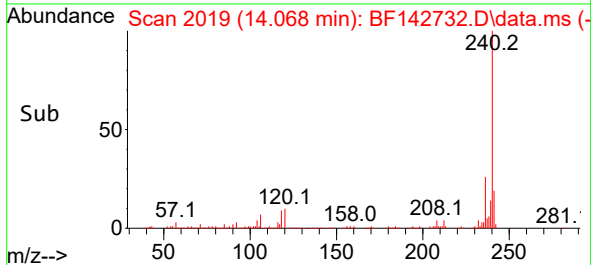
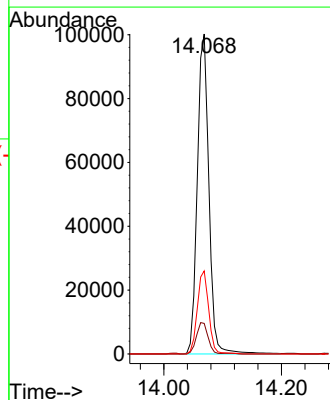
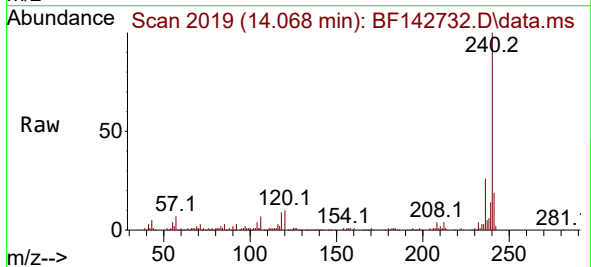
Instrument :
BNA_F
ClientSampleId :
EF-WW

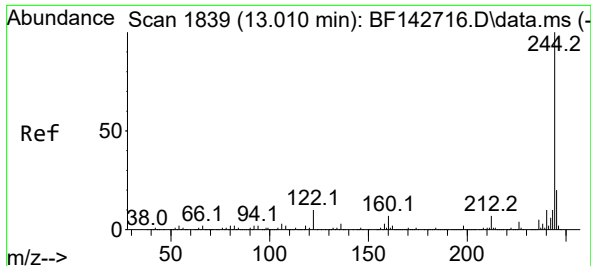
Tgt Ion:188 Resp: 135918
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 8.3 7.1 10.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Tgt Ion:240 Resp: 136838
Ion Ratio Lower Upper
240 100
120 9.5 8.5 12.7
236 25.9 20.1 30.1

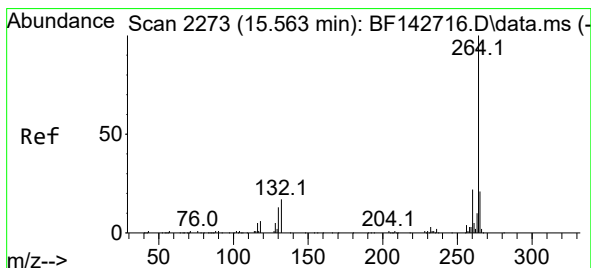
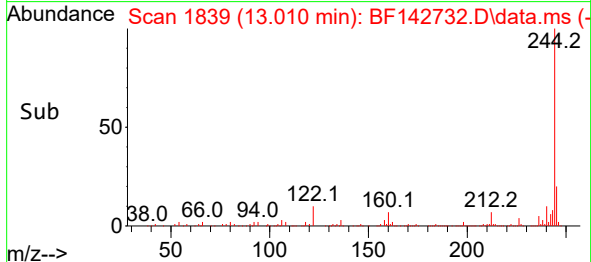
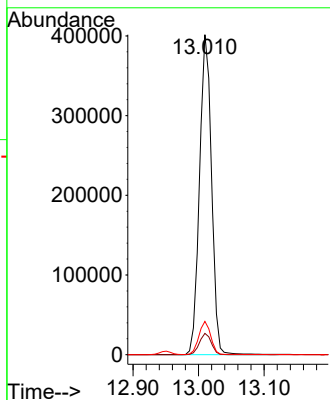
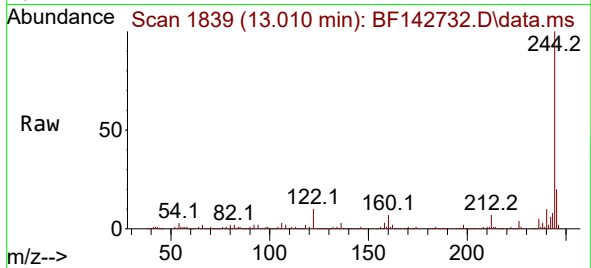




#79
 Terphenyl-d14
 Concen: 51.605 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142732.D
 Acq: 11 Jun 2025 13:52

Instrument :
 BNA_F
 ClientSampleId :
 EF-WW

Tgt Ion:244 Resp: 514144
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2274
 Delta R.T. 0.006 min
 Lab File: BF142732.D
 Acq: 11 Jun 2025 13:52

Tgt Ion:264 Resp: 151313
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.8 26.6
 265 21.5 16.6 25.0

