

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142479.D
 Acq On : 21 May 2025 11:09
 Operator : RC/JU
 Sample : PB168083BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168083BL

Quant Time: May 21 12:03:53 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	6.898	152	127003	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	492428	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	264579	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	511963	20.000	ng	0.00
76) Chrysene-d12	14.069	240	324877	20.000	ng	0.00
86) Perylene-d12	15.563	264	234653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	856643	113.638	ng	0.00
7) Phenol-d6	6.522	99	1002883	110.518	ng	-0.01
23) Nitrobenzene-d5	7.457	82	608593	67.392	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	374916	127.675	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1368581	69.410	ng	-0.01
79) Terphenyl-d14	13.016	244	1483984	62.421	ng	0.00

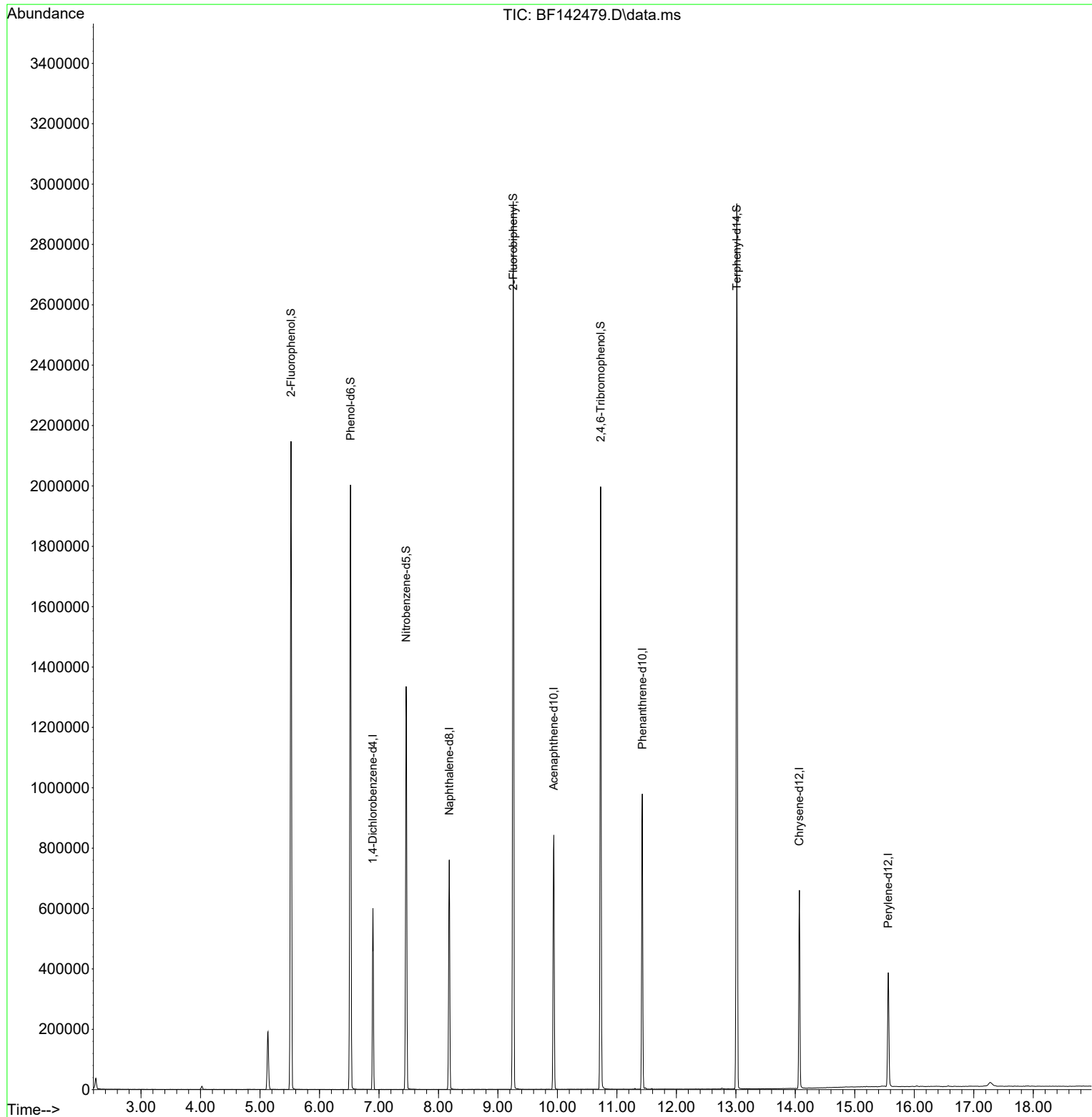
Target Compounds	Qvalue

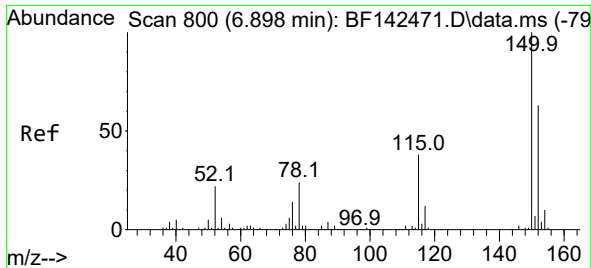
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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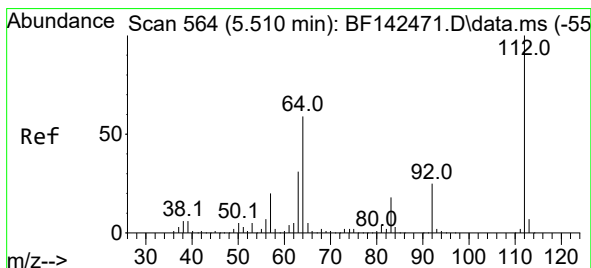
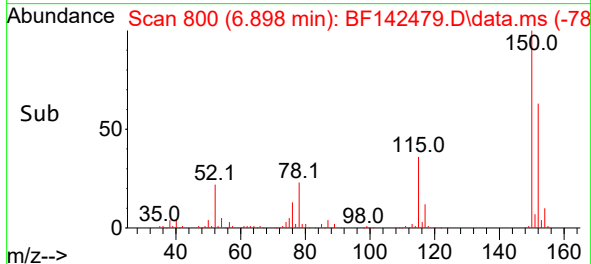
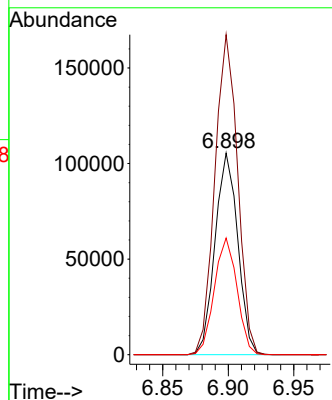
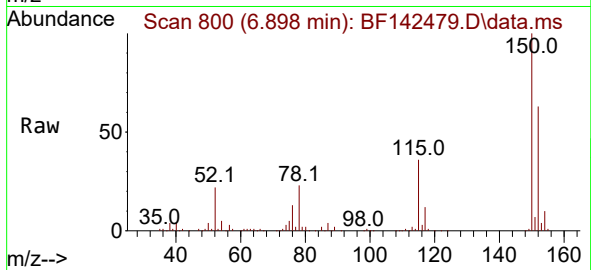




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142479.D
Acq: 21 May 2025 11:09

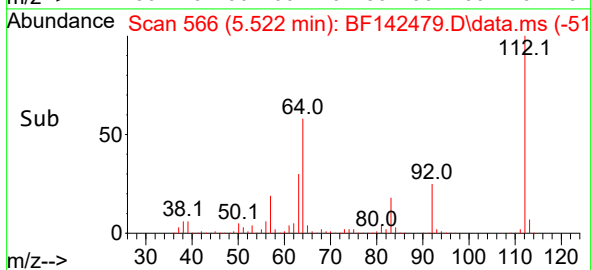
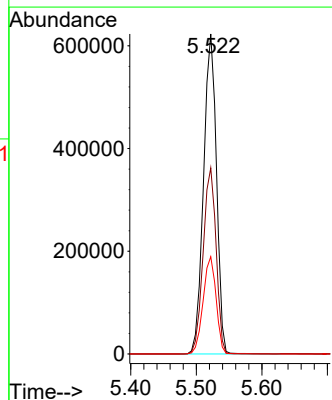
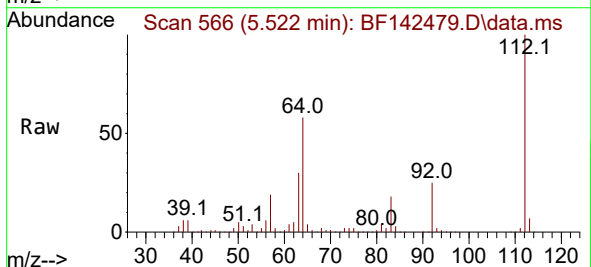
Instrument :
BNA_F
ClientSampleId :
PB168083BL

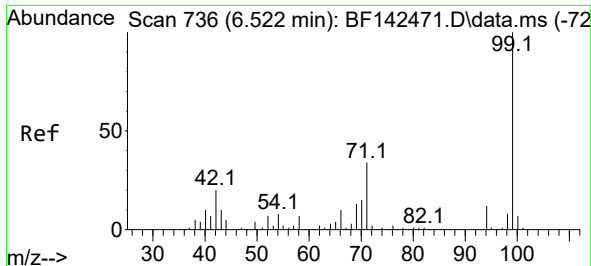
Tgt Ion:152 Resp: 127003
Ion Ratio Lower Upper
152 100
150 158.7 128.2 192.4
115 57.8 48.3 72.5



#5
2-Fluorophenol
Concen: 113.638 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142479.D
Acq: 21 May 2025 11:09

Tgt Ion:112 Resp: 856643
Ion Ratio Lower Upper
112 100
64 58.1 47.5 71.3
63 30.4 24.9 37.3

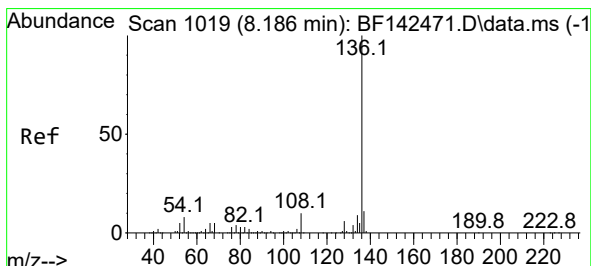
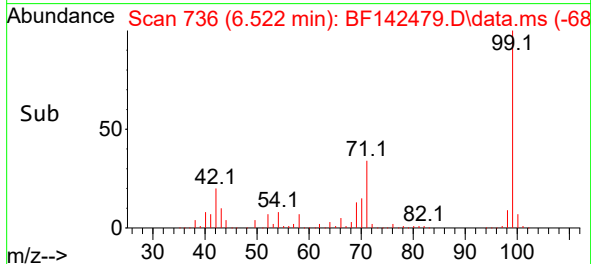
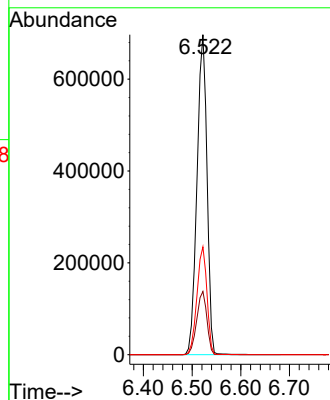
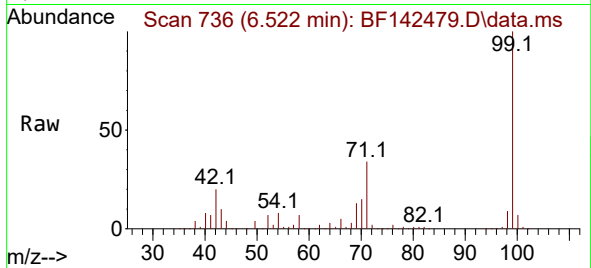




#7
Phenol-d6
Concen: 110.518 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142479.D
Acq: 21 May 2025 11:09

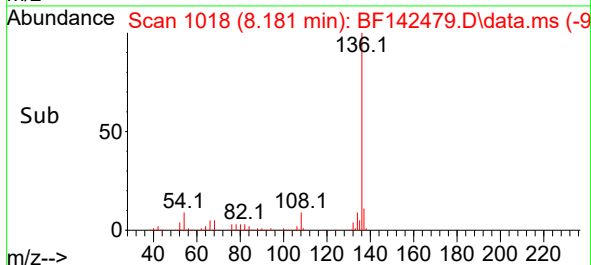
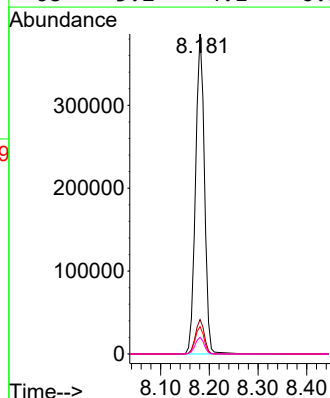
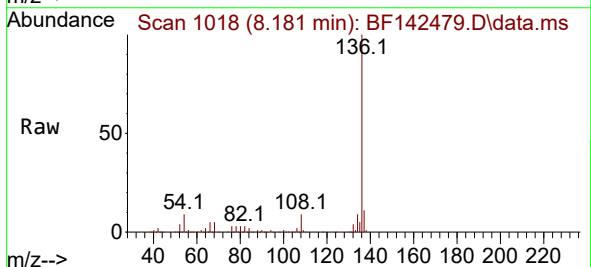
Instrument :
BNA_F
ClientSampleId :
PB168083BL

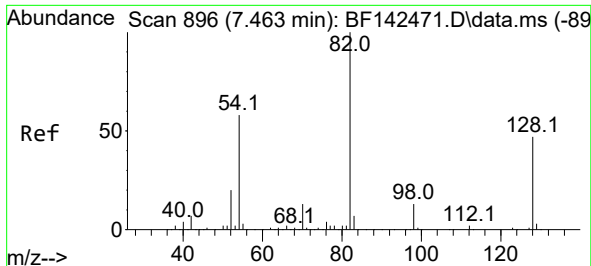
Tgt Ion: 99 Resp: 1002883
Ion Ratio Lower Upper
99 100
42 19.8 16.2 24.2
71 33.7 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142479.D
Acq: 21 May 2025 11:09

Tgt Ion:136 Resp: 492428
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.5 6.6 10.0
68 5.2 4.1 6.1

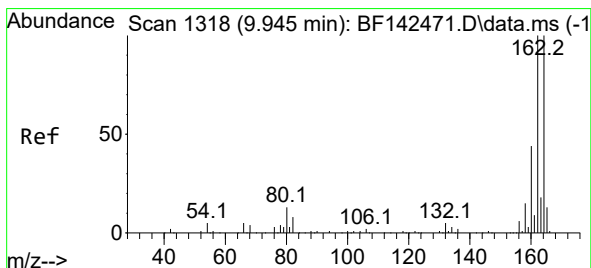
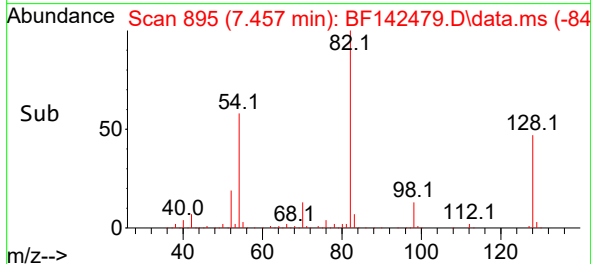
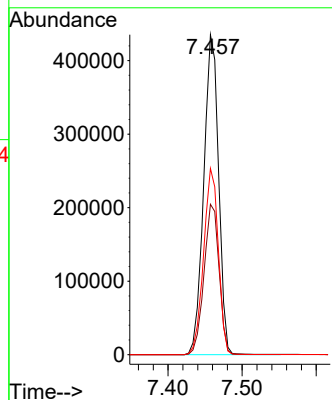
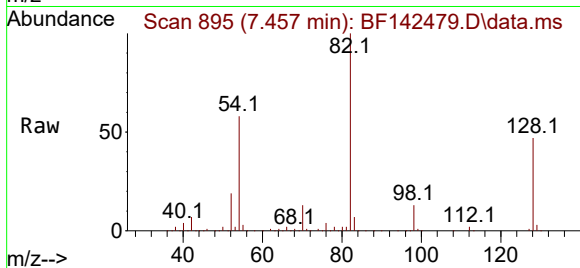




#23
Nitrobenzene-d5
Concen: 67.392 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF142479.D
Acq: 21 May 2025 11:09

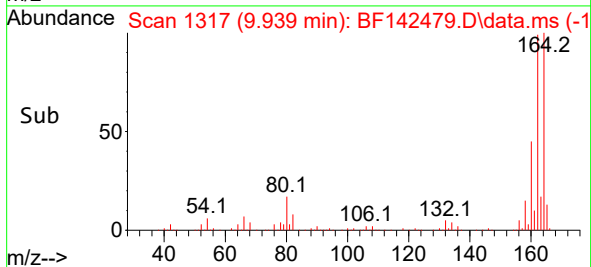
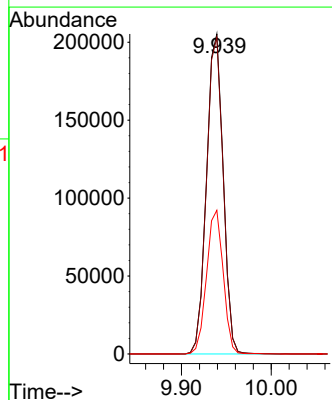
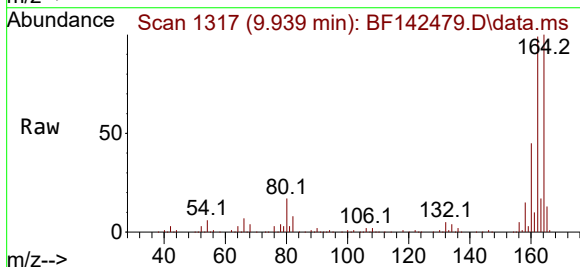
Instrument :
BNA_F
ClientSampleId :
PB168083BL

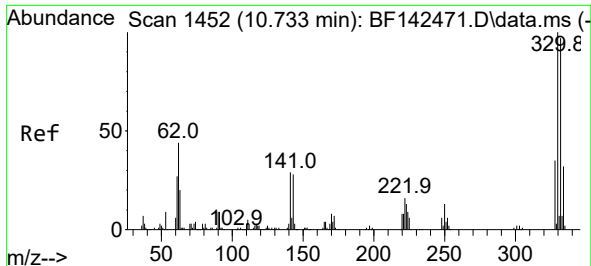
Tgt Ion: 82 Resp: 608593
Ion Ratio Lower Upper
82 100
128 47.0 37.4 56.2
54 58.2 46.6 70.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142479.D
Acq: 21 May 2025 11:09

Tgt Ion:164 Resp: 264579
Ion Ratio Lower Upper
164 100
162 98.9 80.2 120.4
160 44.9 35.6 53.4

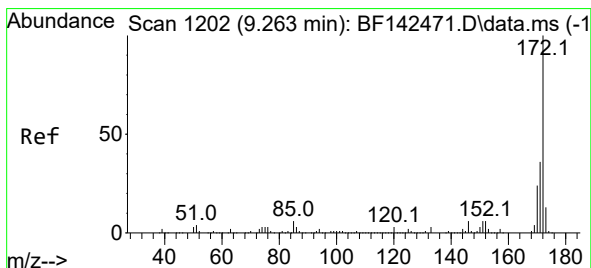
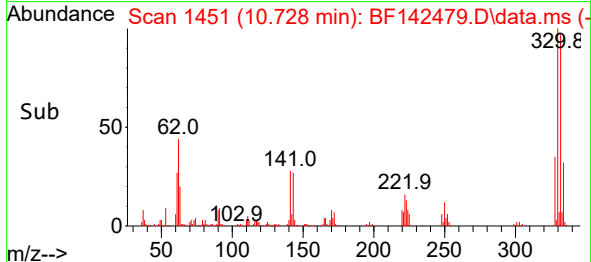
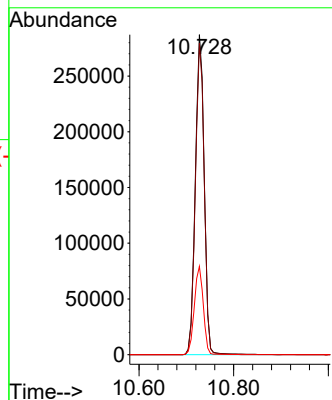
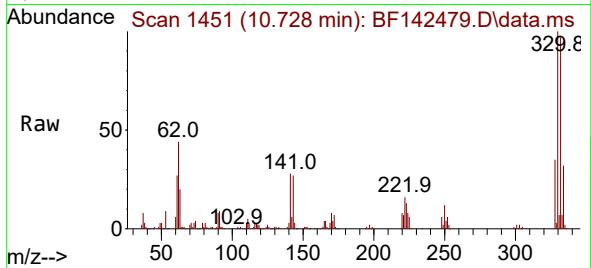




#42
2,4,6-Tribromophenol
Concen: 127.675 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142479.D
Acq: 21 May 2025 11:09

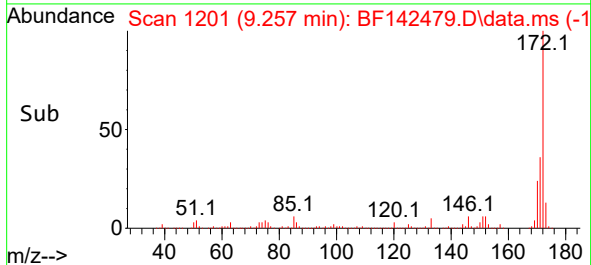
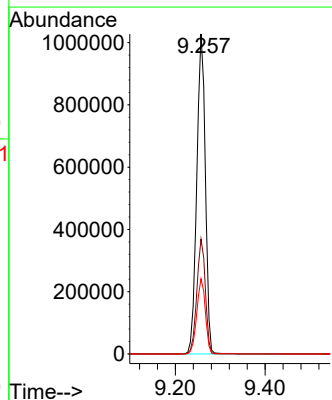
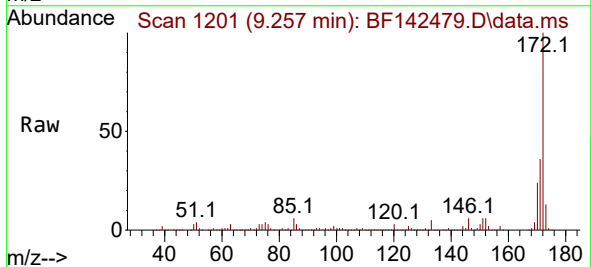
Instrument :
BNA_F
ClientSampleId :
PB168083BL

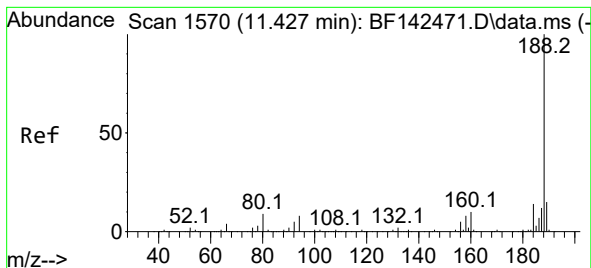
Tgt Ion:330 Resp: 374916
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 27.9 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 69.410 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142479.D
Acq: 21 May 2025 11:09

Tgt Ion:172 Resp: 1368581
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142479.D

Acq: 21 May 2025 11:09

Instrument :

BNA_F

ClientSampleId :

PB168083BL

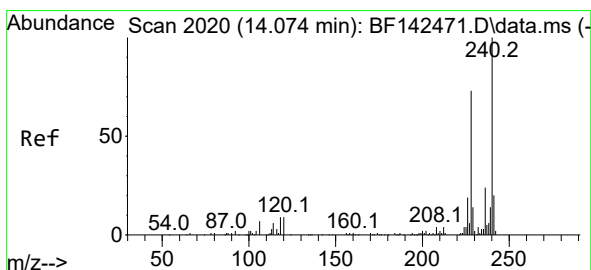
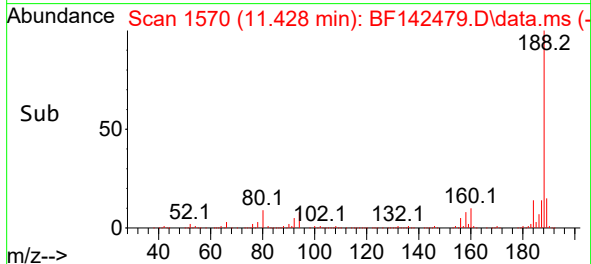
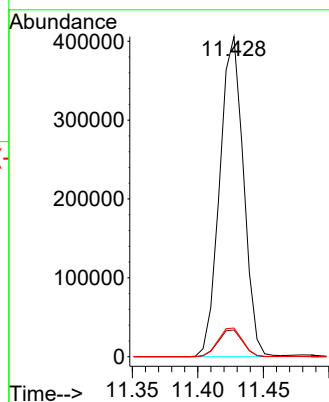
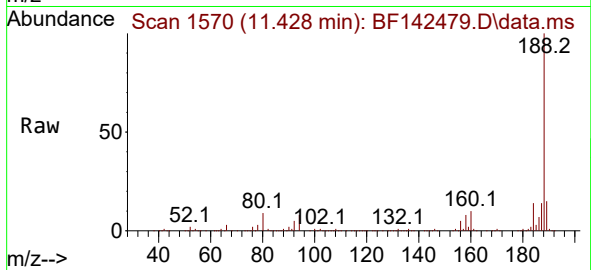
Tgt Ion:188 Resp: 511963

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 8.9 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142479.D

Acq: 21 May 2025 11:09

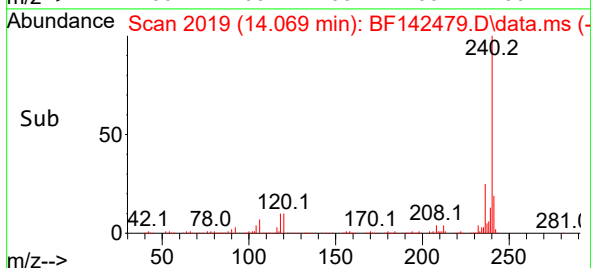
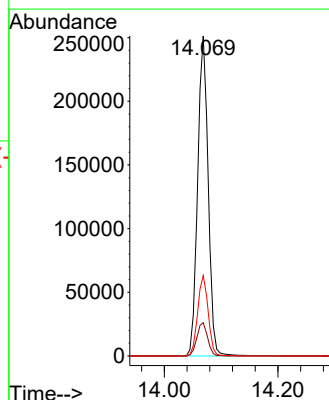
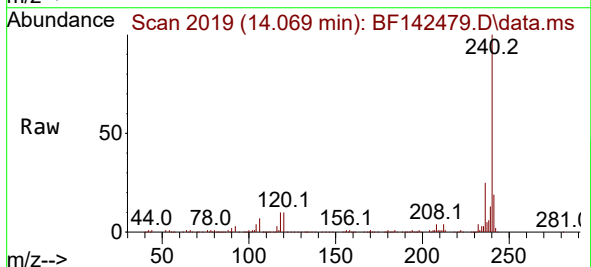
Tgt Ion:240 Resp: 324877

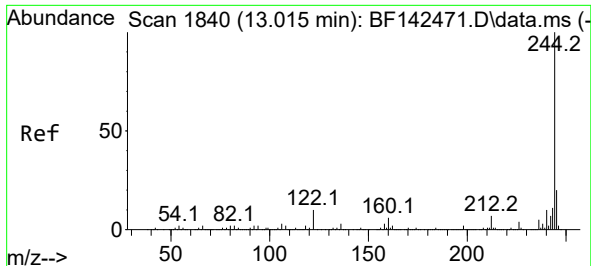
Ion Ratio Lower Upper

240 100

120 10.4 7.5 11.3

236 25.1 19.6 29.4

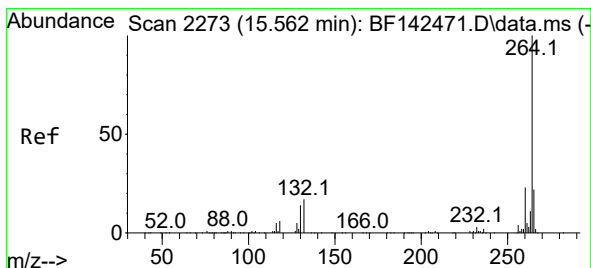
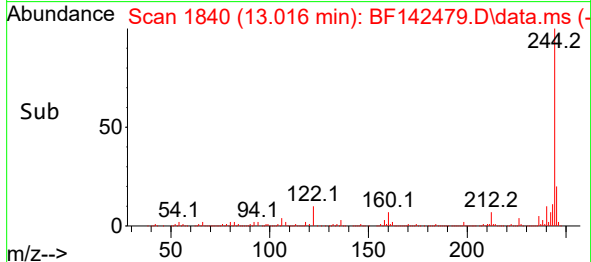
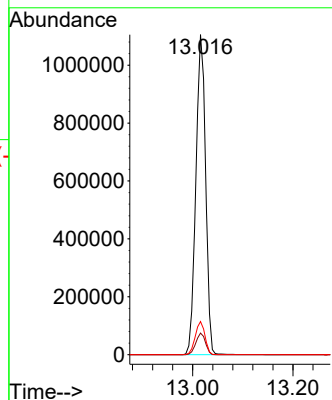
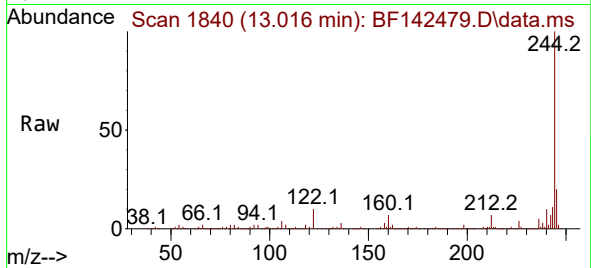




#79
 Terphenyl-d14
 Concen: 62.421 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF142479.D
 Acq: 21 May 2025 11:09

Instrument :
 BNA_F
 ClientSampleId :
 PB168083BL

Tgt Ion:244 Resp: 1483984
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 10.3 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF142479.D
 Acq: 21 May 2025 11:09

Tgt Ion:264 Resp: 234653
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 28.0
 265 21.2 17.7 26.5

