

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142533.D
 Acq On : 23 May 2025 14:10
 Operator : RC/JU
 Sample : Q2097-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200044

Quant Time: May 23 14:34:35 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	110725	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	422669	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	217333	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	334495	20.000	ng	0.00
76) Chrysene-d12	14.062	240	204786	20.000	ng	#-0.01
86) Perylene-d12	15.556	264	208915	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	607593	92.449	ng	0.00
7) Phenol-d6	6.516	99	752803	95.155	ng	-0.02
23) Nitrobenzene-d5	7.457	82	449600	58.003	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	225121	93.329	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	920859	56.856	ng	-0.01
79) Terphenyl-d14	13.010	244	785557	52.421	ng	0.00

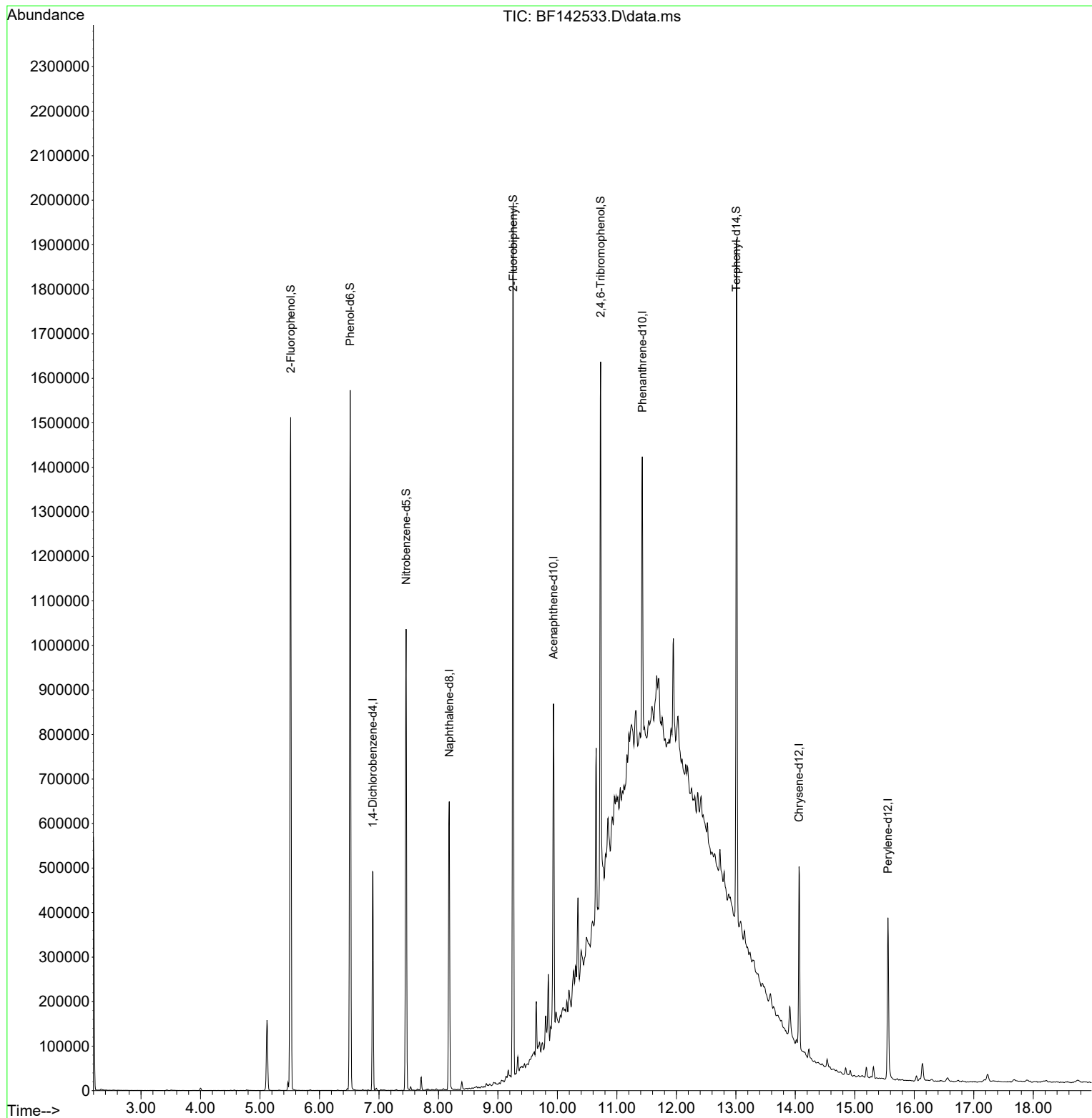
Target Compounds	Qvalue

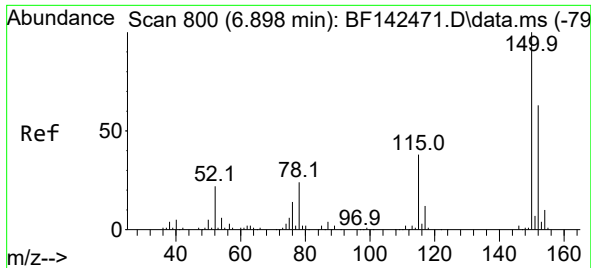
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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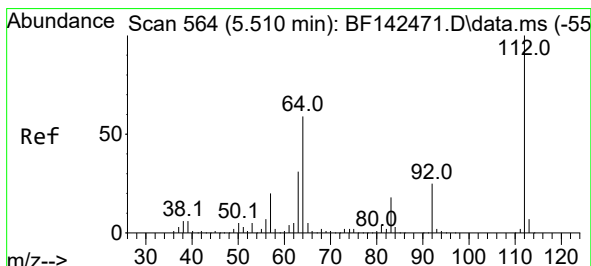
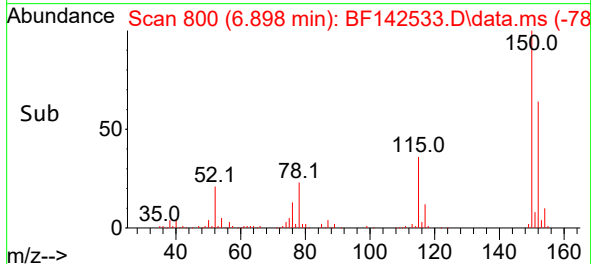
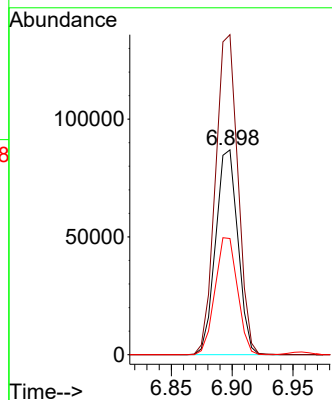
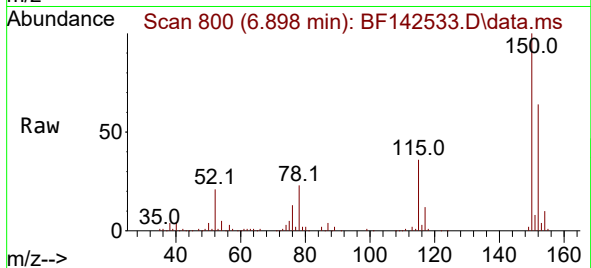




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142533.D
Acq: 23 May 2025 14:10

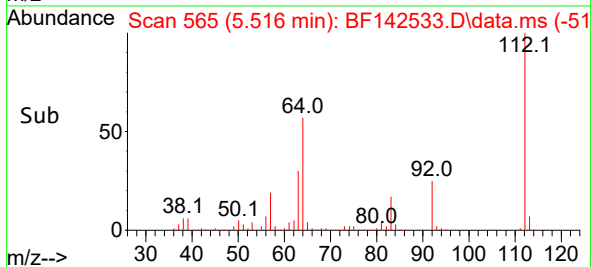
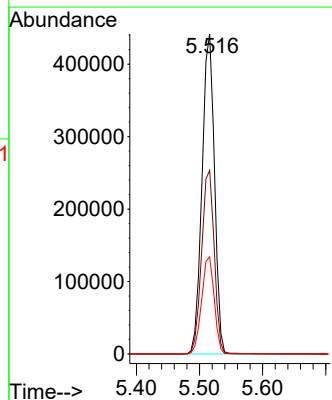
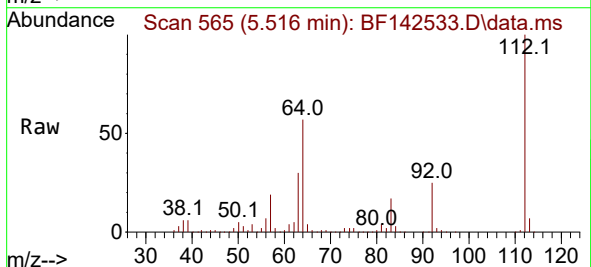
Instrument :
BNA_F
ClientSampleId :
RBR200044

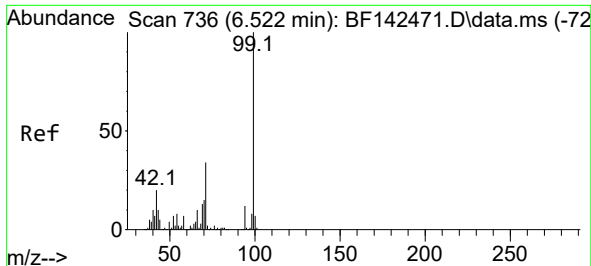
Tgt Ion:152 Resp: 110725
Ion Ratio Lower Upper
152 100
150 156.3 128.2 192.4
115 56.7 48.3 72.5



#5
2-Fluorophenol
Concen: 92.449 ng
RT: 5.516 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF142533.D
Acq: 23 May 2025 14:10

Tgt Ion:112 Resp: 607593
Ion Ratio Lower Upper
112 100
64 57.4 47.5 71.3
63 30.4 24.9 37.3

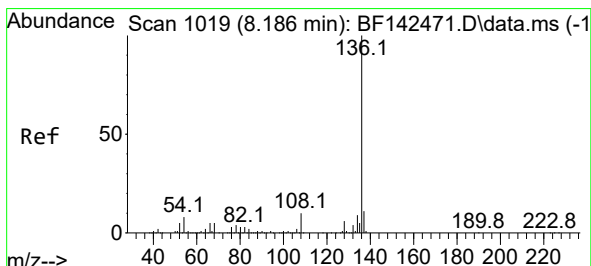
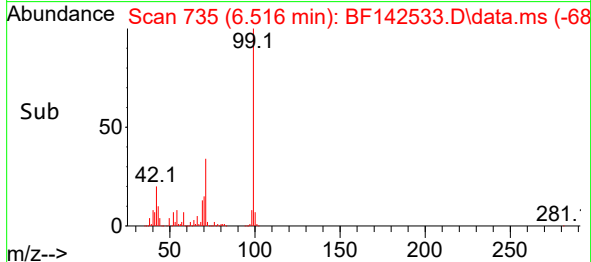
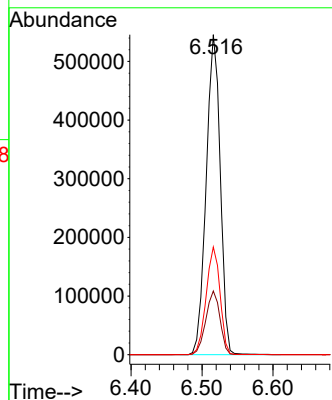
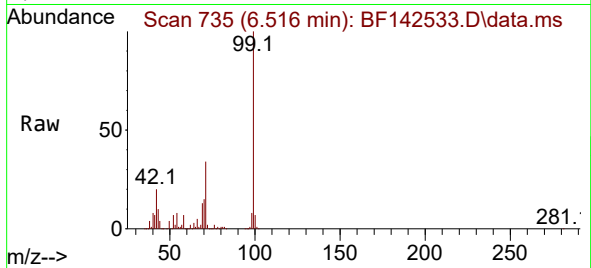




#7
Phenol-d6
Concen: 95.155 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142533.D
Acq: 23 May 2025 14:10

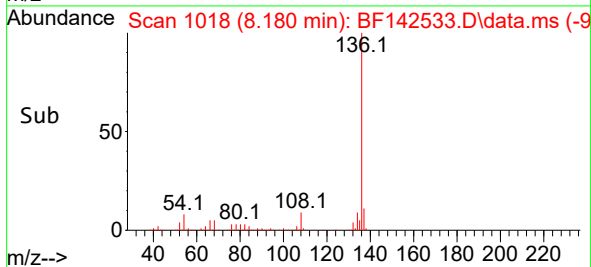
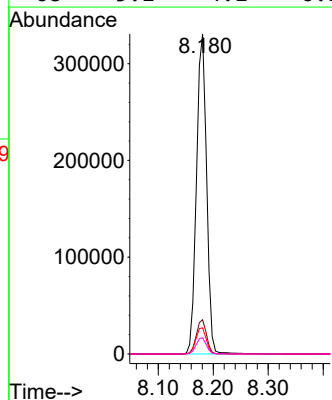
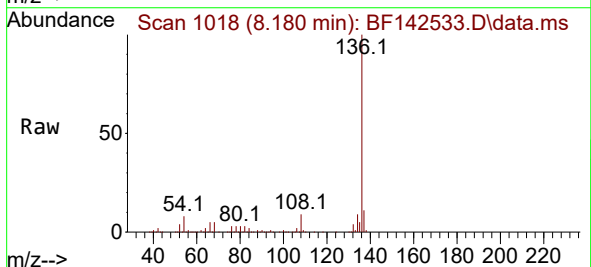
Instrument :
BNA_F
ClientSampleId :
RBR200044

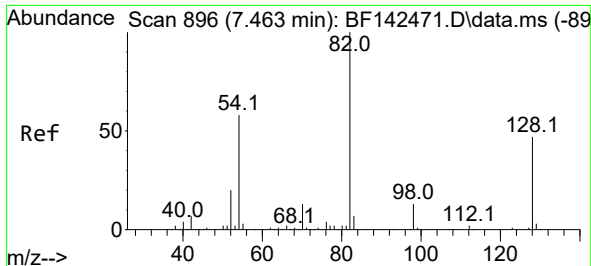
Tgt Ion: 99 Resp: 752803
Ion Ratio Lower Upper
99 100
42 19.9 16.2 24.2
71 33.6 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142533.D
Acq: 23 May 2025 14:10

Tgt Ion: 136 Resp: 422669
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.2 6.6 10.0
68 5.1 4.1 6.1

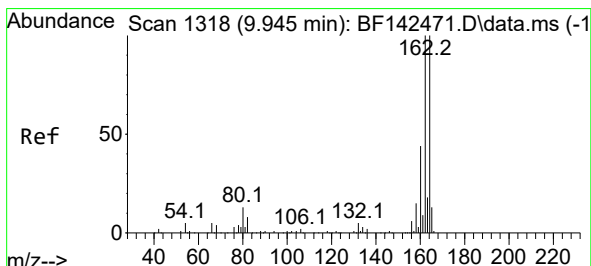
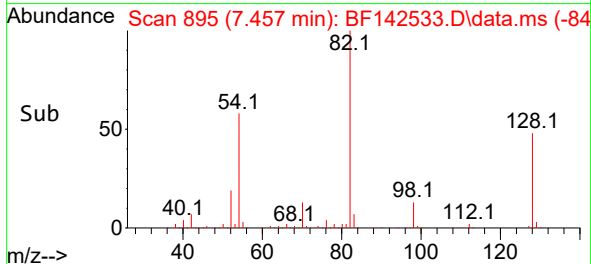
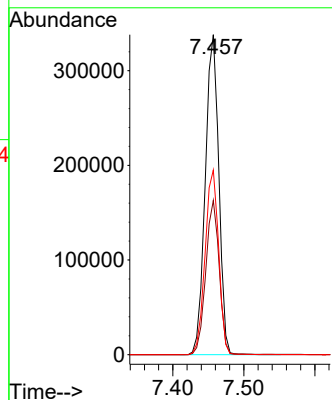
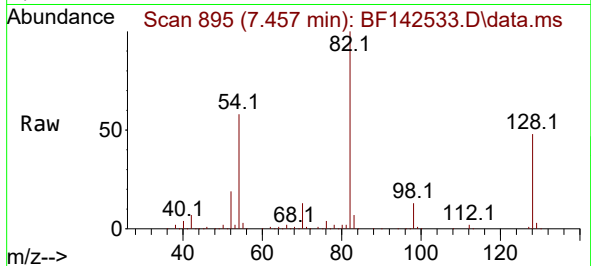




#23
Nitrobenzene-d5
Concen: 58.003 ng
RT: 7.457 min Scan# 896
Delta R.T. -0.018 min
Lab File: BF142533.D
Acq: 23 May 2025 14:10

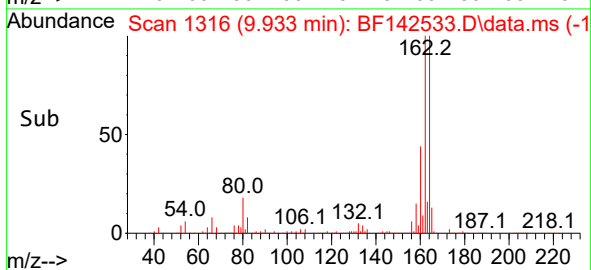
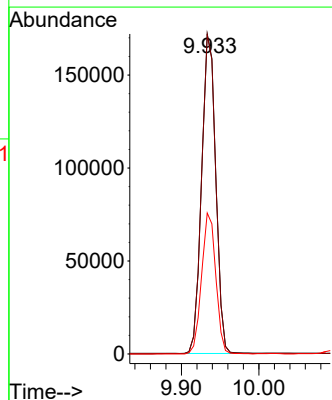
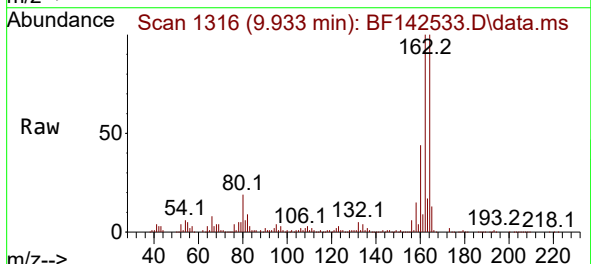
Instrument :
BNA_F
ClientSampleId :
RBR200044

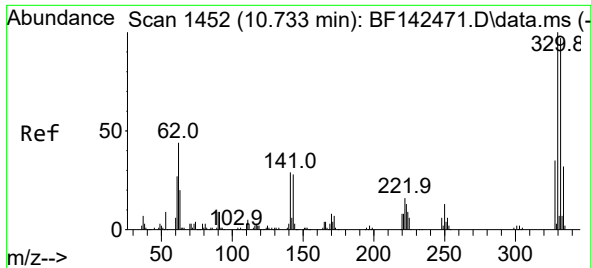
Tgt Ion: 82 Resp: 449600
Ion Ratio Lower Upper
82 100
128 48.2 37.4 56.2
54 57.7 46.6 70.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142533.D
Acq: 23 May 2025 14:10

Tgt Ion:164 Resp: 217333
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.4
160 44.1 35.6 53.4

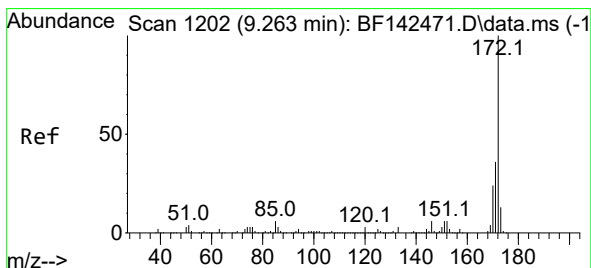
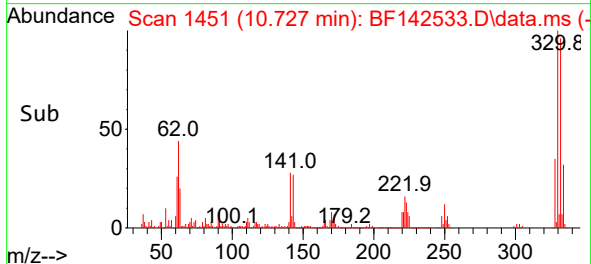
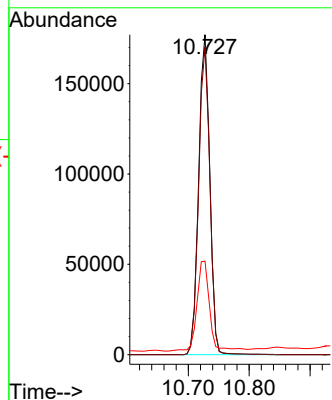
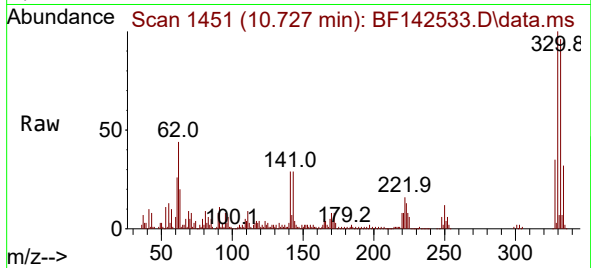




#42
2,4,6-Tribromophenol
Concen: 93.329 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142533.D
Acq: 23 May 2025 14:10

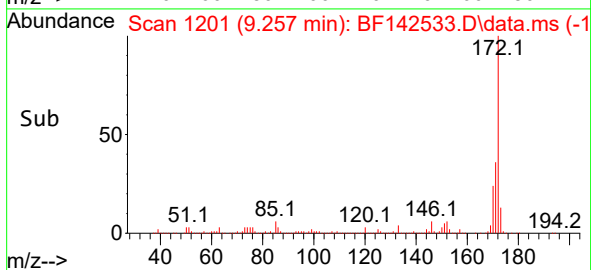
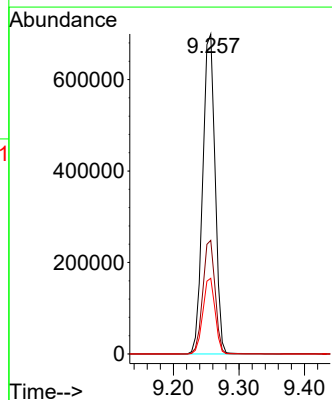
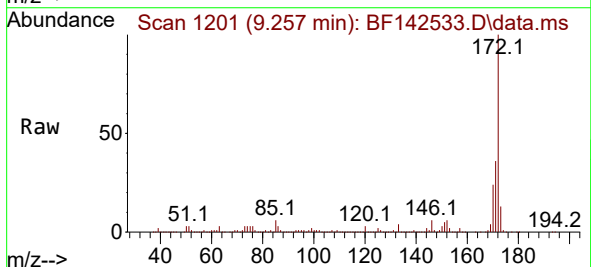
Instrument :
BNA_F
ClientSampleId :
RBR200044

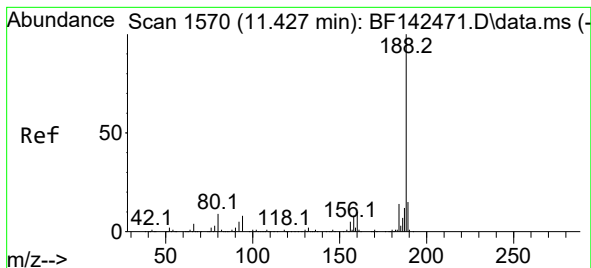
Tgt Ion:330 Resp: 225121
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 31.4 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 56.856 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142533.D
Acq: 23 May 2025 14:10

Tgt Ion:172 Resp: 920859
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142533.D

Acq: 23 May 2025 14:10

Instrument :

BNA_F

ClientSampleId :

RBR200044

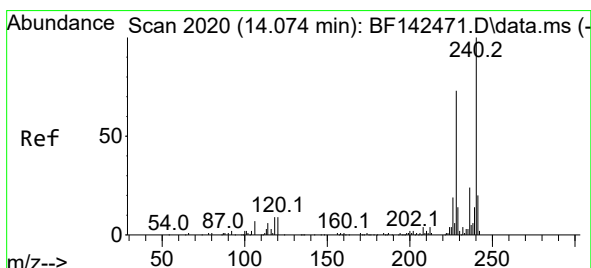
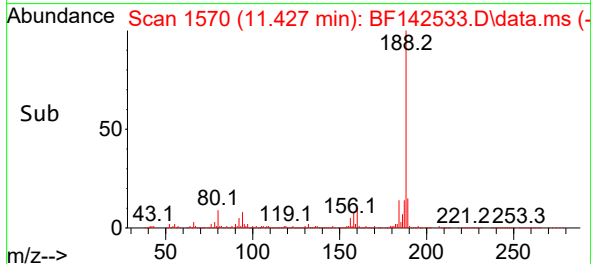
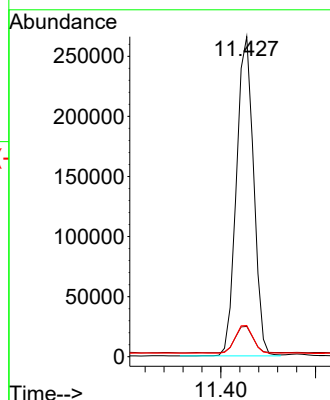
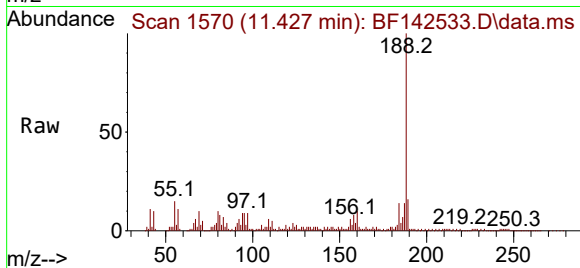
Tgt Ion:188 Resp: 334495

Ion Ratio Lower Upper

188 100

94 9.4 6.6 10.0

80 9.8 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF142533.D

Acq: 23 May 2025 14:10

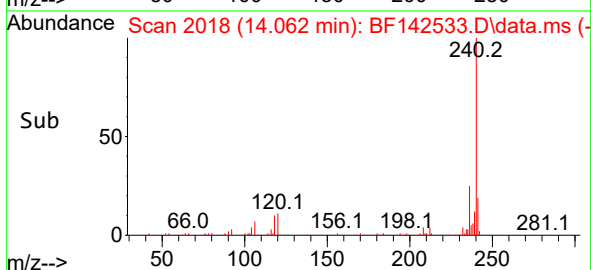
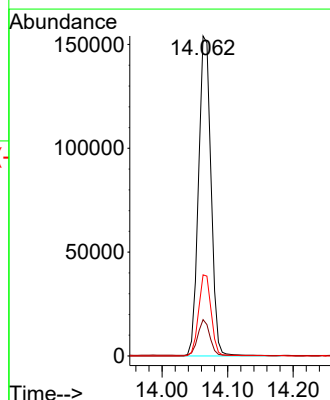
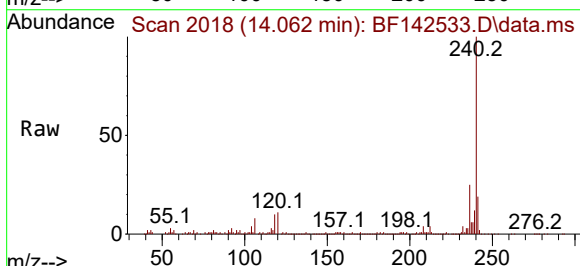
Tgt Ion:240 Resp: 204786

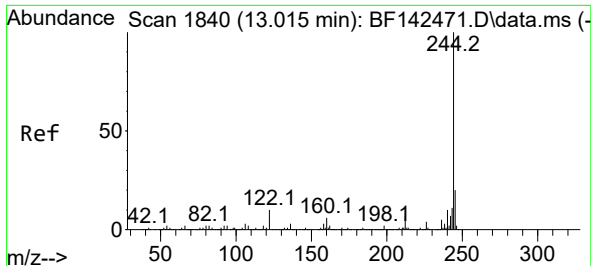
Ion Ratio Lower Upper

240 100

120 11.4 7.5 11.3#

236 25.4 19.6 29.4

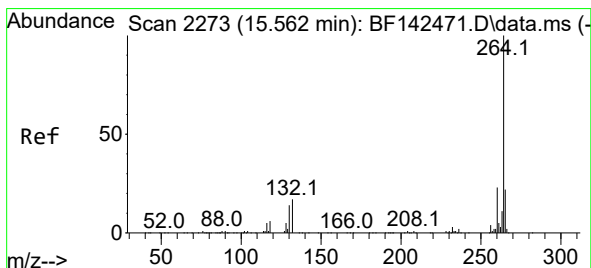
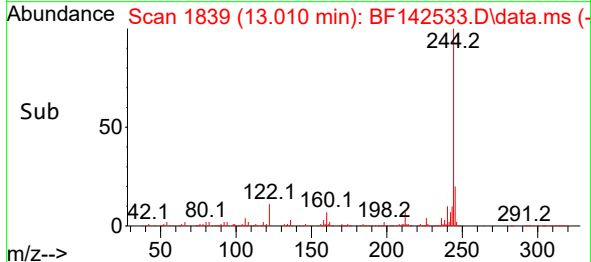
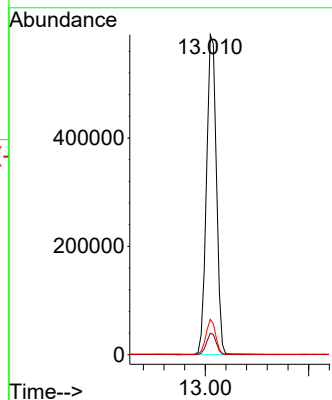
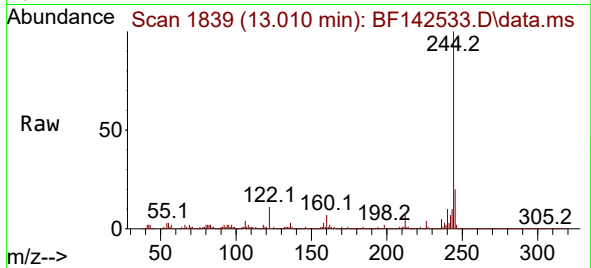




#79
 Terphenyl-d14
 Concen: 52.421 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142533.D
 Acq: 23 May 2025 14:10

Instrument :
 BNA_F
 ClientSampleId :
 RBR200044

Tgt Ion:244 Resp: 785557
 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: 15.556 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142533.D
 Acq: 23 May 2025 14:10

Tgt Ion:264 Resp: 208915
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.6 28.0
 265 21.2 17.7 26.5

