

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142647.D
 Acq On : 06 Jun 2025 15:29
 Operator : RC/JU
 Sample : Q2214-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR251425

Quant Time: Jun 06 15:55:21 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	126451	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	471753	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	241763	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	331187	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	228935	20.000	ng	0.00
86) Perylene-d12	15.562	264	276481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	503947	67.143	ng	0.00
7) Phenol-d6	6.516	99	611630	67.696	ng	-0.02
23) Nitrobenzene-d5	7.451	82	363289	41.992	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	157646	58.752	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	551311	30.600	ng	-0.02
79) Terphenyl-d14	13.010	244	362297	21.626	ng	0.00

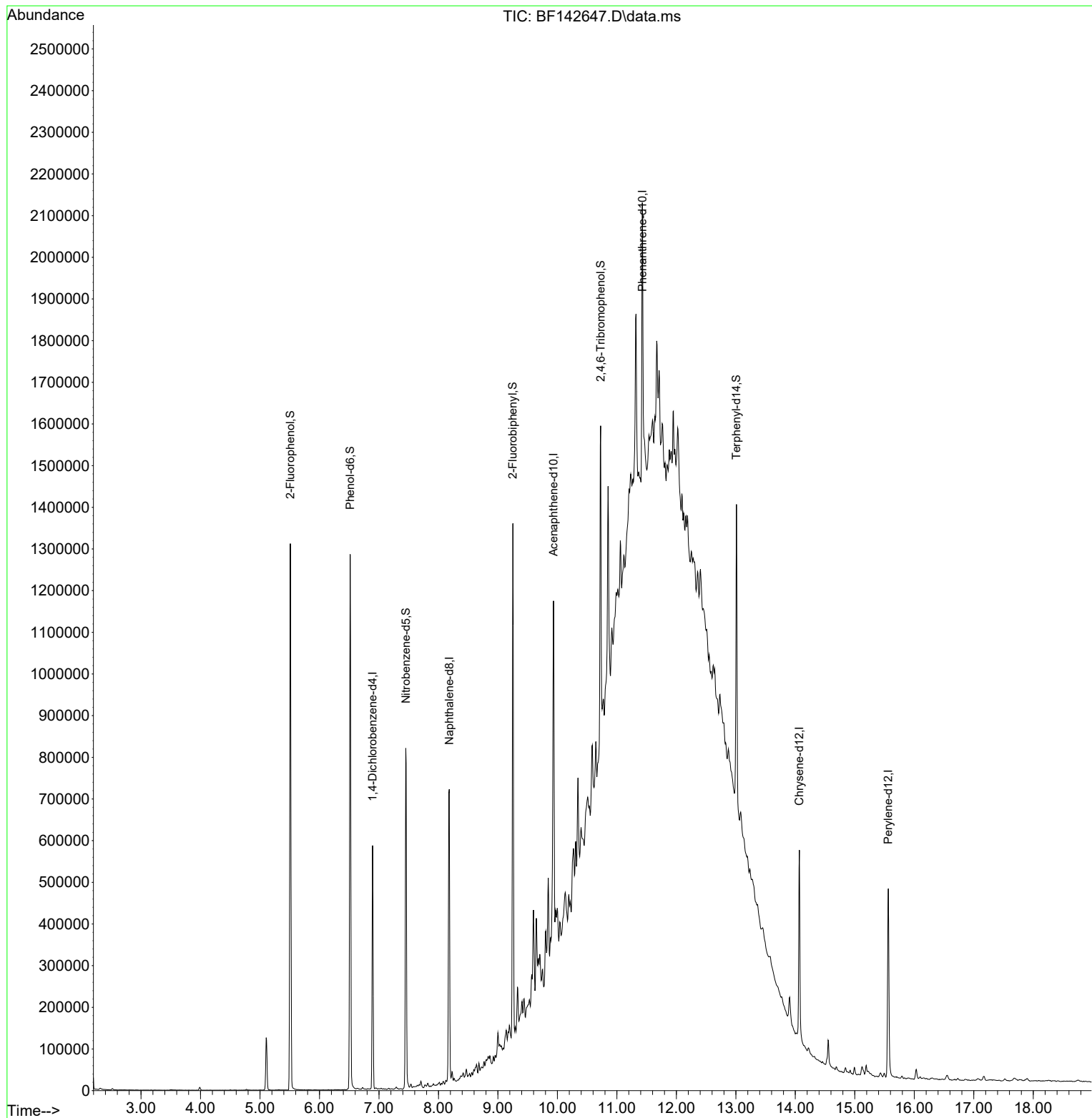
Target Compounds	Qvalue

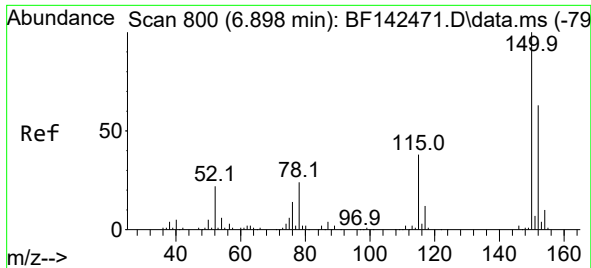
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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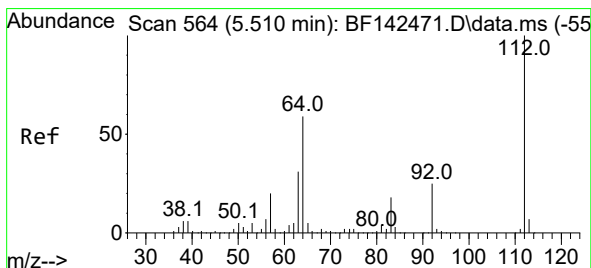
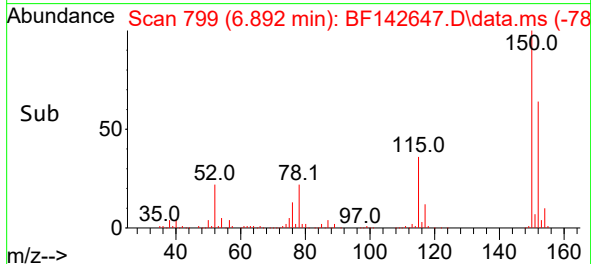
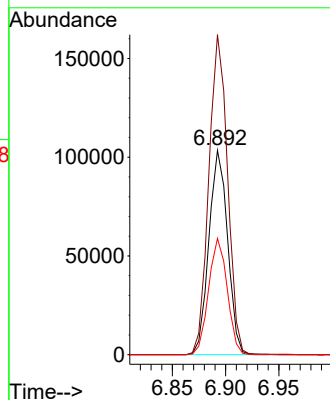
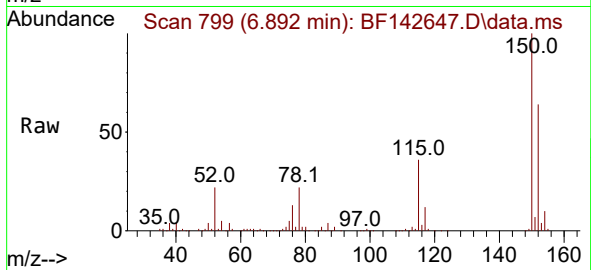




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF142647.D
Acq: 06 Jun 2025 15:29

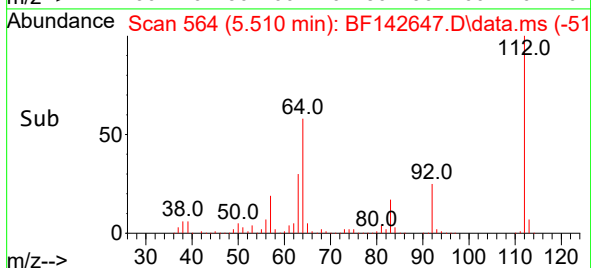
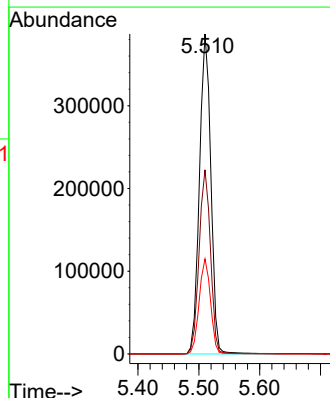
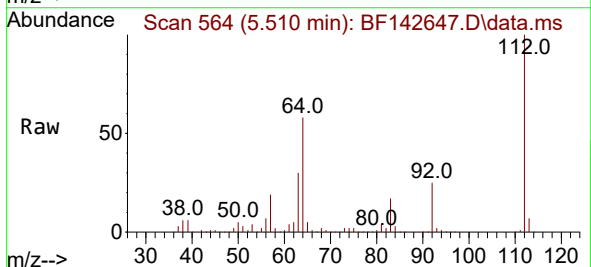
Instrument :
BNA_F
ClientSampleId :
RBR251425

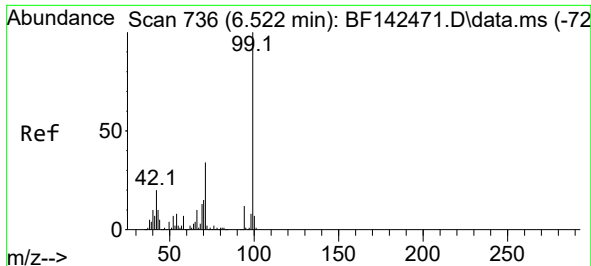
Tgt Ion:152 Resp: 126451
Ion Ratio Lower Upper
152 100
150 156.6 128.2 192.4
115 56.9 48.3 72.5



#5
2-Fluorophenol
Concen: 67.143 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142647.D
Acq: 06 Jun 2025 15:29

Tgt Ion:112 Resp: 503947
Ion Ratio Lower Upper
112 100
64 57.5 47.5 71.3
63 29.7 24.9 37.3

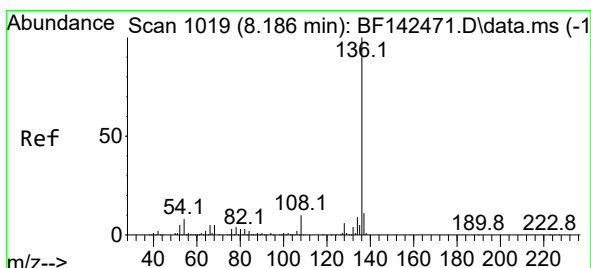
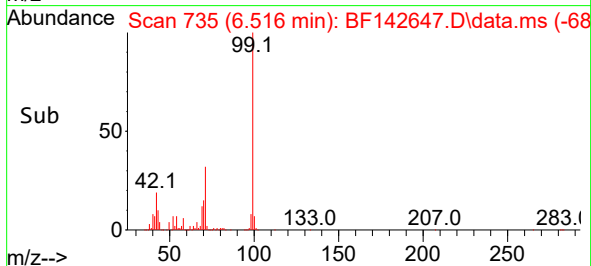
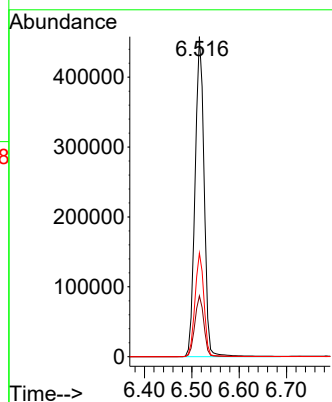
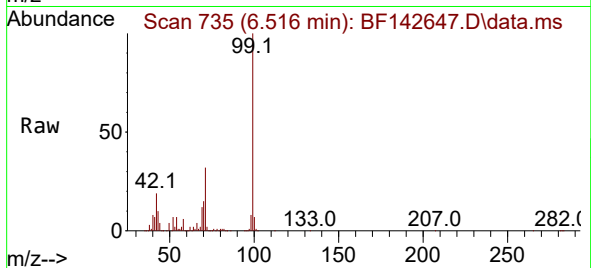




#7
Phenol-d6
Concen: 67.696 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142647.D
Acq: 06 Jun 2025 15:29

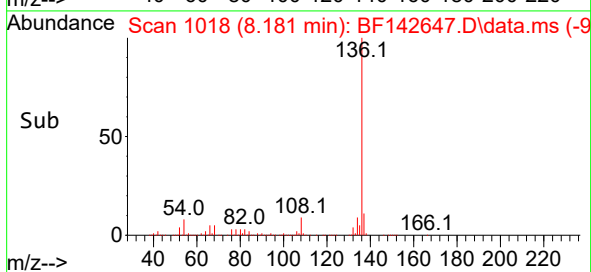
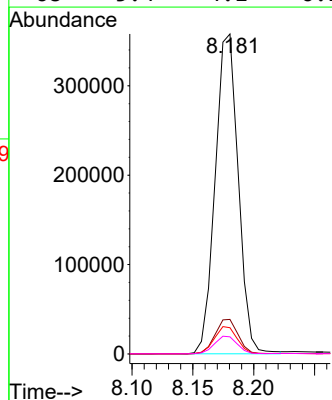
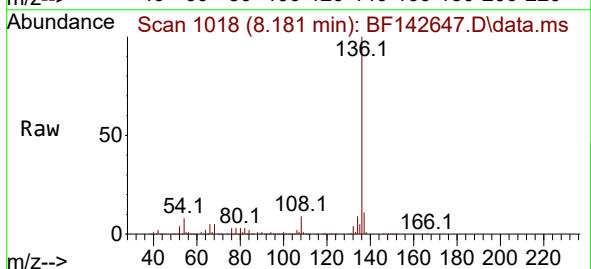
Instrument :
BNA_F
ClientSampleId :
RBR251425

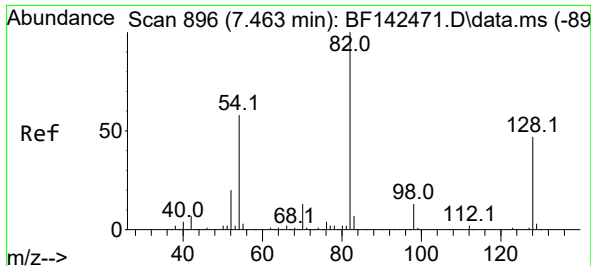
Tgt Ion: 99 Resp: 611630
Ion Ratio Lower Upper
99 100
42 19.0 16.2 24.2
71 32.3 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142647.D
Acq: 06 Jun 2025 15:29

Tgt Ion: 136 Resp: 471753
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.2 6.6 10.0
68 5.4 4.1 6.1

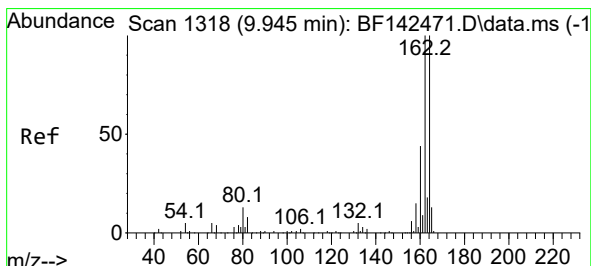
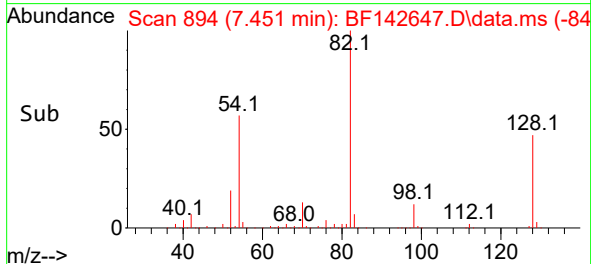
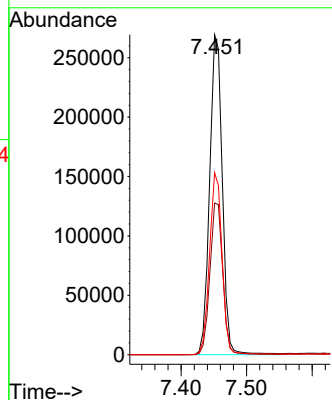
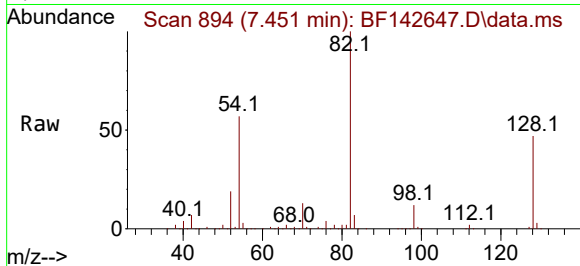




#23
Nitrobenzene-d5
Concen: 41.992 ng
RT: 7.451 min Scan# 896
Delta R.T. -0.024 min
Lab File: BF142647.D
Acq: 06 Jun 2025 15:29

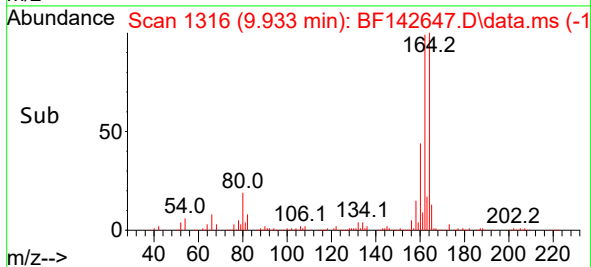
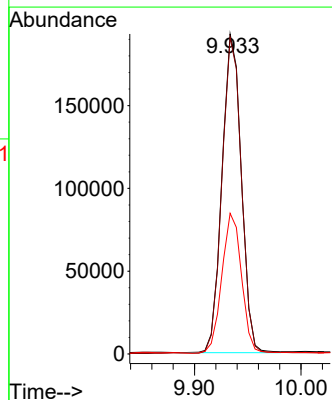
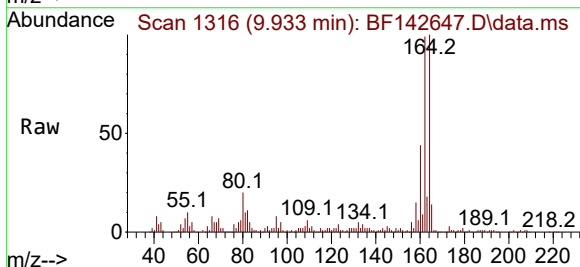
Instrument :
BNA_F
ClientSampleId :
RBR251425

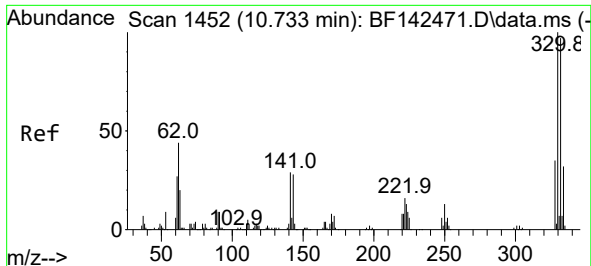
Tgt Ion: 82 Resp: 363289
Ion Ratio Lower Upper
82 100
128 47.4 37.4 56.2
54 56.8 46.6 70.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142647.D
Acq: 06 Jun 2025 15:29

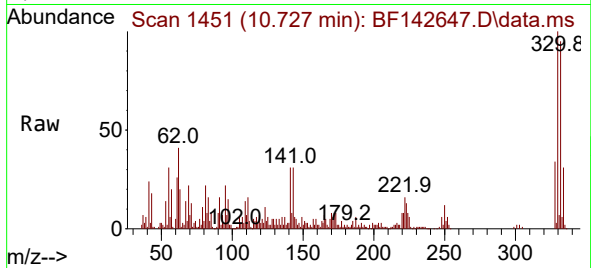
Tgt Ion: 164 Resp: 241763
Ion Ratio Lower Upper
164 100
162 98.9 80.2 120.4
160 44.0 35.6 53.4



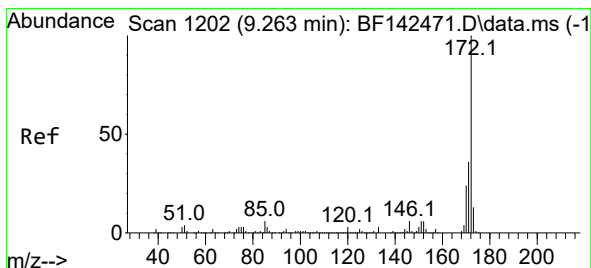
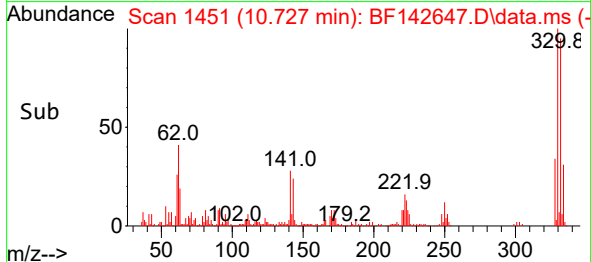
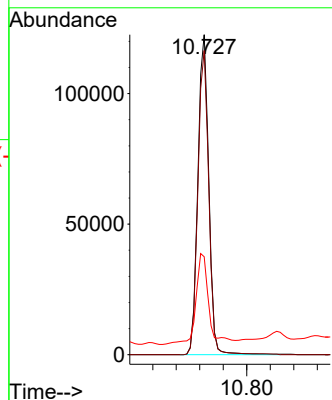


#42
2,4,6-Tribromophenol
Concen: 58.752 ng
RT: 10.727 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF142647.D
Acq: 06 Jun 2025 15:29

Instrument :
BNA_F
ClientSampleId :
RBR251425

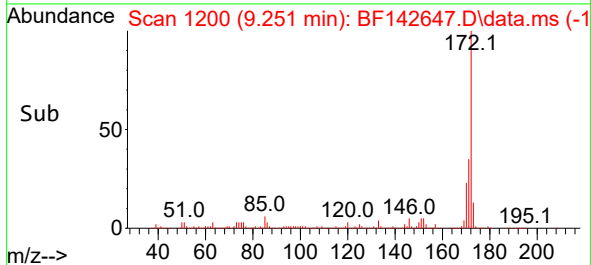
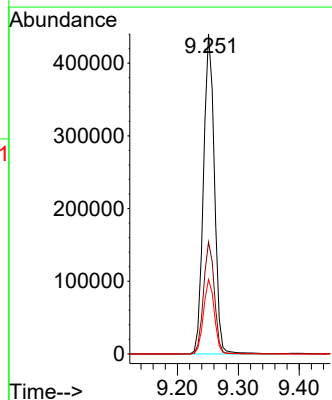
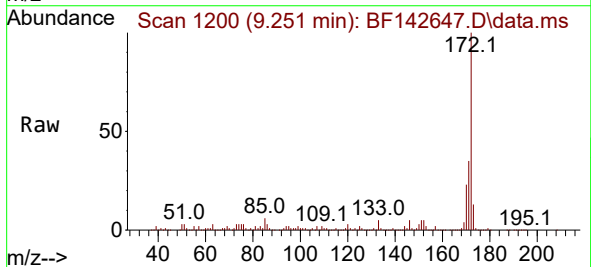


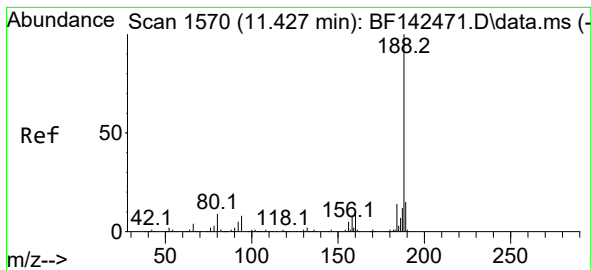
Tgt Ion:330 Resp: 157646
Ion Ratio Lower Upper
330 100
332 94.9 77.6 116.4
141 33.5 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 30.600 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.018 min
Lab File: BF142647.D
Acq: 06 Jun 2025 15:29

Tgt Ion:172 Resp: 551311
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.2 18.9 28.3

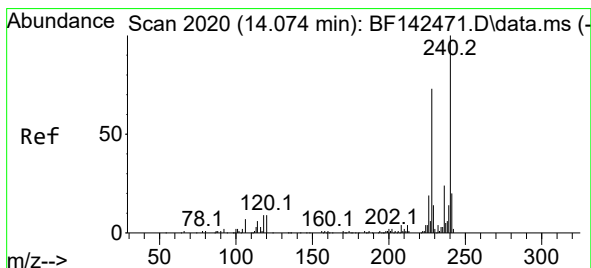
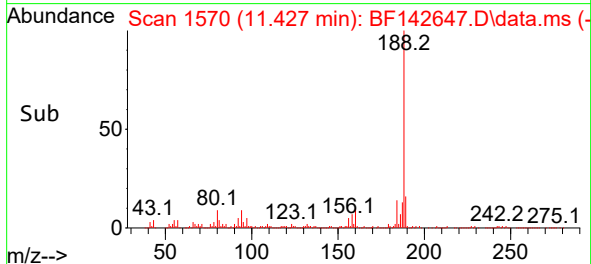
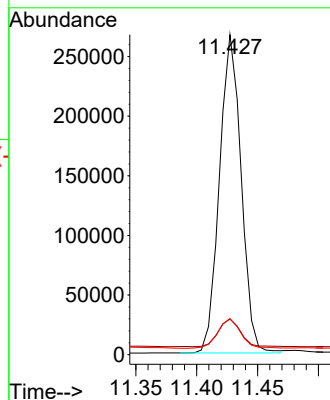
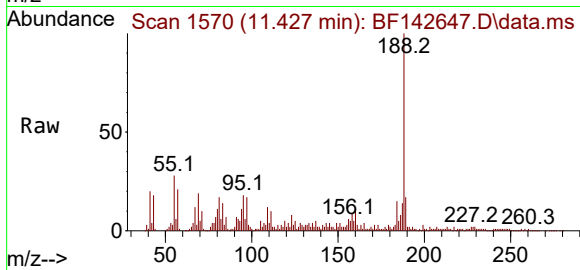




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142647.D
Acq: 06 Jun 2025 15:29

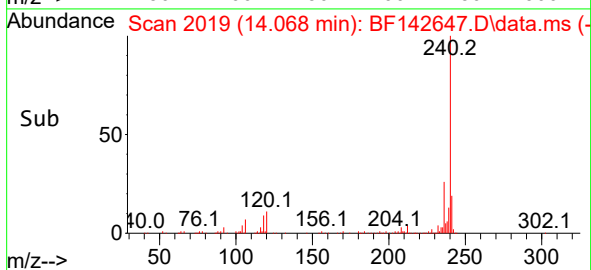
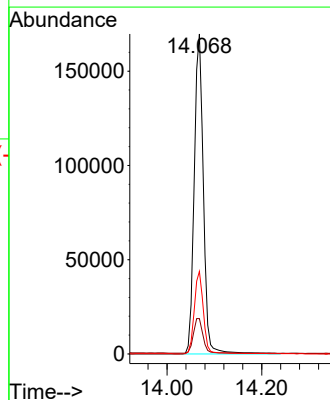
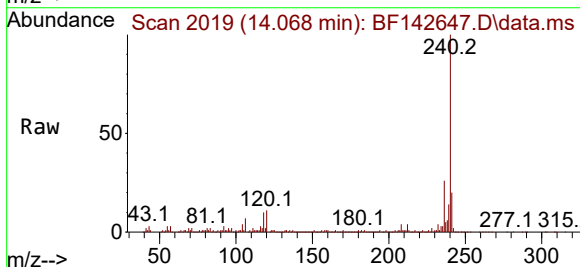
Instrument :
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ClientSampleId :
RBR251425

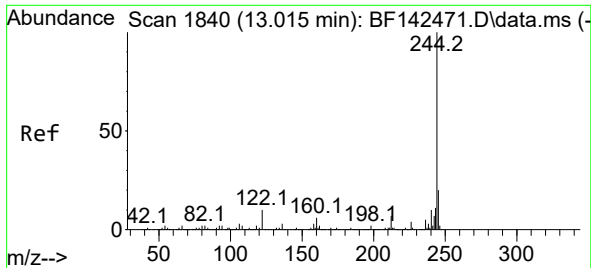
Tgt Ion:188 Resp: 331187
Ion Ratio Lower Upper
188 100
94 11.2 6.6 10.0#
80 11.2 7.4 11.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142647.D
Acq: 06 Jun 2025 15:29

Tgt Ion:240 Resp: 228935
Ion Ratio Lower Upper
240 100
120 11.1 7.5 11.3
236 25.8 19.6 29.4

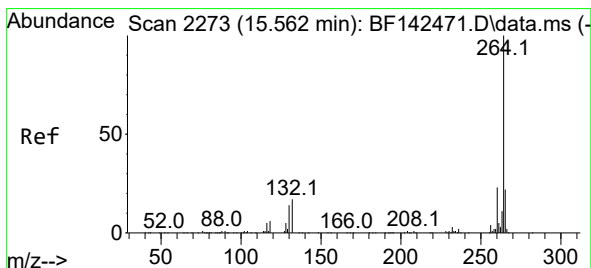
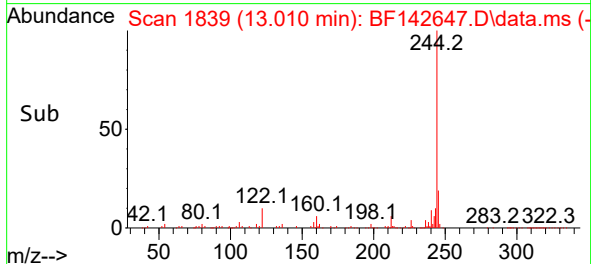
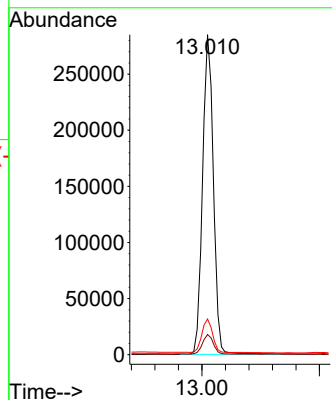
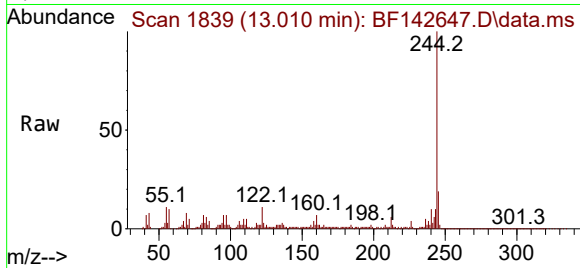




#79
 Terphenyl-d14
 Concen: 21.626 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142647.D
 Acq: 06 Jun 2025 15:29

Instrument :
 BNA_F
 ClientSampleId :
 RBR251425

Tgt Ion:244 Resp: 362297
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 11.2 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: BF142647.D
 Acq: 06 Jun 2025 15:29

Tgt Ion:264 Resp: 276481
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 21.0 17.7 26.5

