

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142395.D
 Acq On : 15 May 2025 16:43
 Operator : RC/JU
 Sample : Q2023-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HEATER-PAD

Quant Time: May 15 17:45:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	156435	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	603955	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	322047	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	565149	20.000	ng	-0.01
76) Chrysene-d12	14.062	240	336374	20.000	ng	0.00
86) Perylene-d12	15.551	264	339653	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	509705	55.621	ng	0.00
7) Phenol-d6	6.516	99	672211	59.641	ng	0.00
23) Nitrobenzene-d5	7.457	82	412681	41.672	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	177354	57.040	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	952346	42.166	ng	0.00
79) Terphenyl-d14	13.010	244	1013694	44.604	ng	0.00

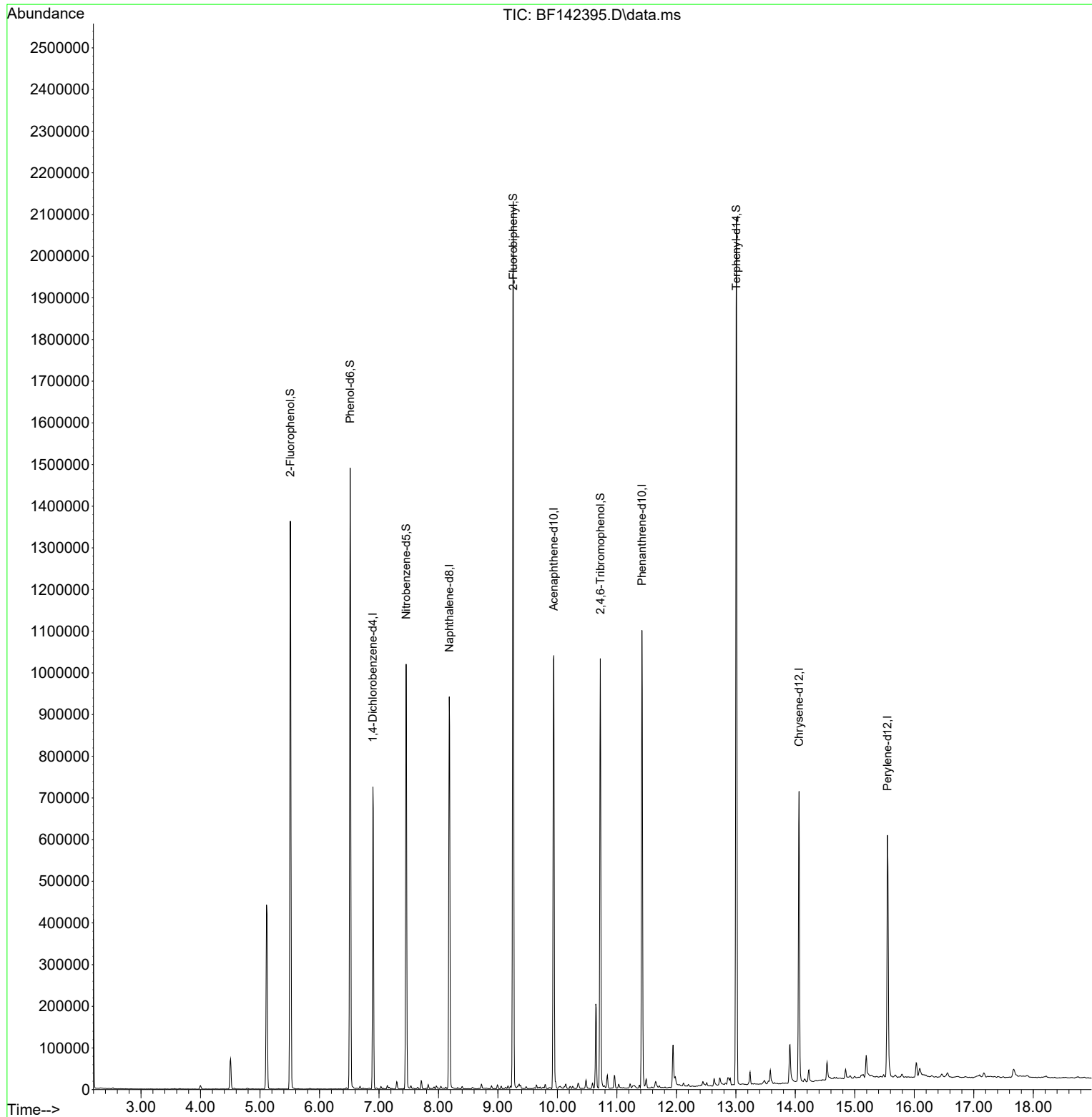
Target Compounds	Qvalue

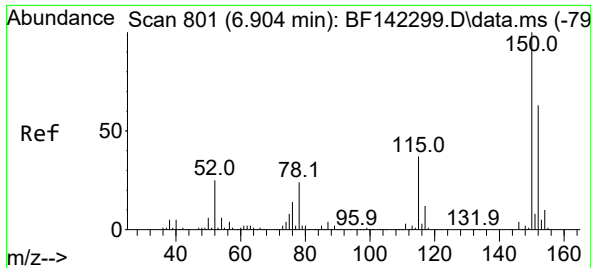
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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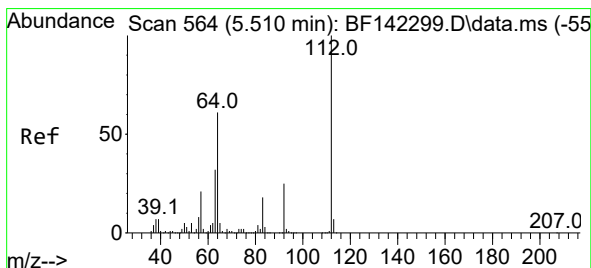
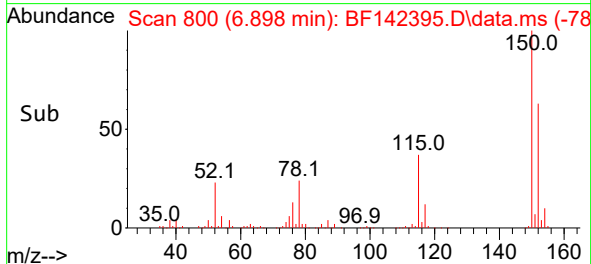
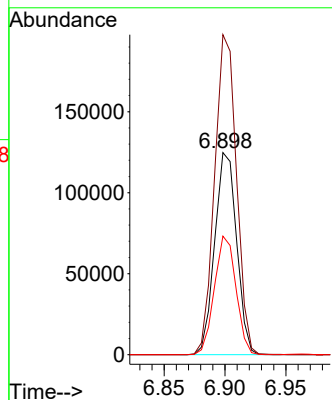
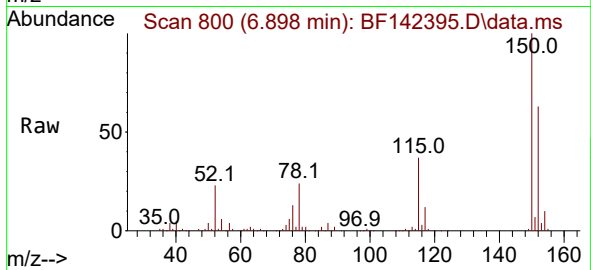




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142395.D
Acq: 15 May 2025 16:43

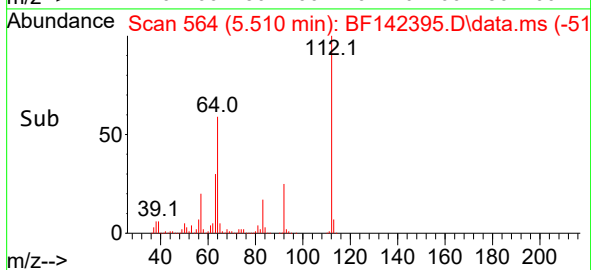
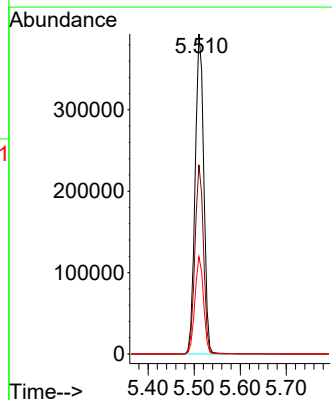
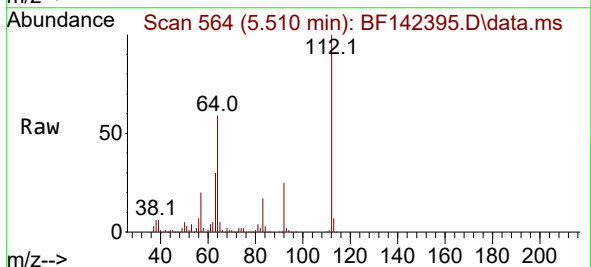
Instrument :
BNA_F
ClientSampleId :
HEATER-PAD

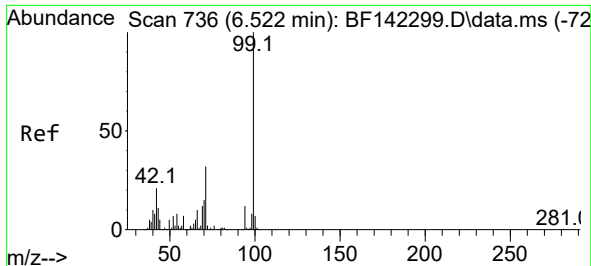
Tgt Ion:152 Resp: 156435
Ion Ratio Lower Upper
152 100
150 158.3 126.6 190.0
115 58.7 47.3 70.9



#5
2-Fluorophenol
Concen: 55.621 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF142395.D
Acq: 15 May 2025 16:43

Tgt Ion:112 Resp: 509705
Ion Ratio Lower Upper
112 100
64 59.1 48.9 73.3
63 30.4 25.6 38.4

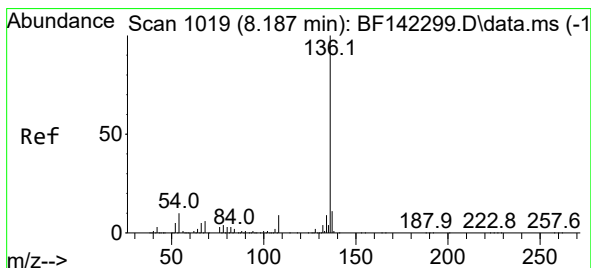
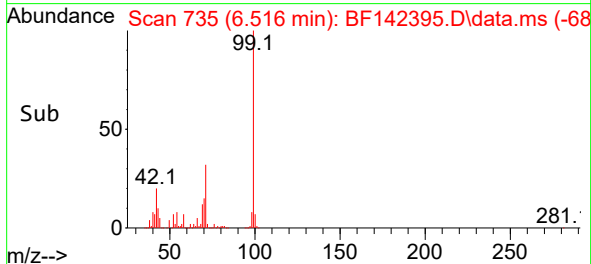
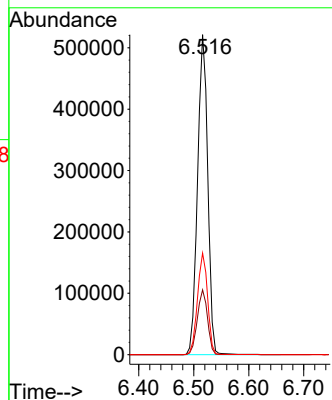
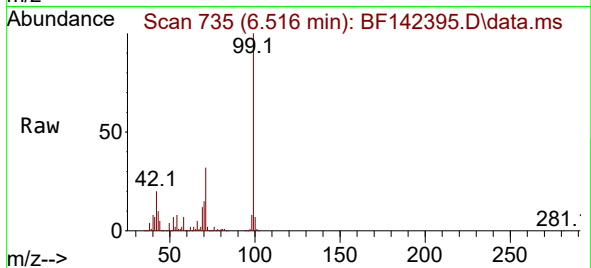




#7
Phenol-d6
Concen: 59.641 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142395.D
Acq: 15 May 2025 16:43

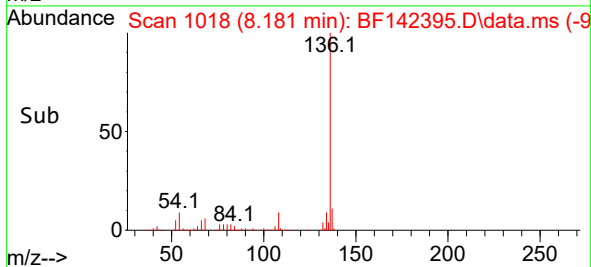
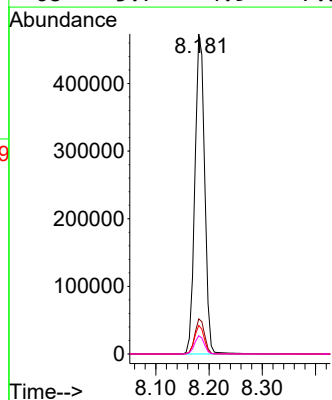
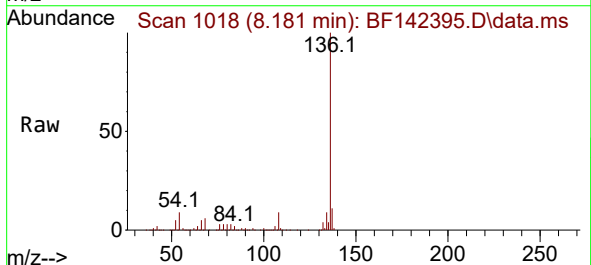
Instrument :
BNA_F
ClientSampleId :
HEATER-PAD

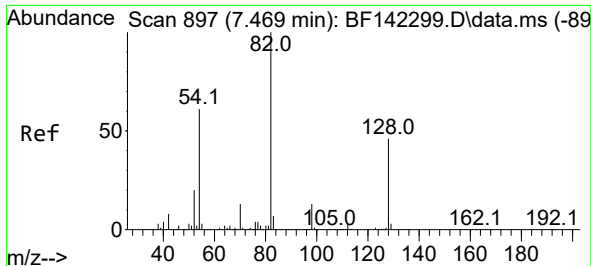
Tgt Ion: 99 Resp: 672211
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.4
71 31.8 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142395.D
Acq: 15 May 2025 16:43

Tgt Ion: 136 Resp: 603955
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.9 7.7 11.5
68 5.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 41.672 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142395.D

Acq: 15 May 2025 16:43

Instrument :

BNA_F

ClientSampleId :

HEATER-PAD

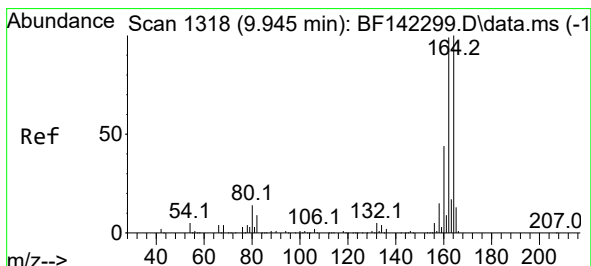
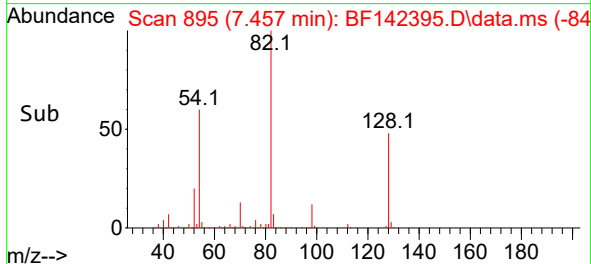
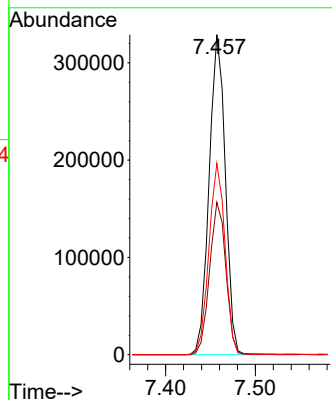
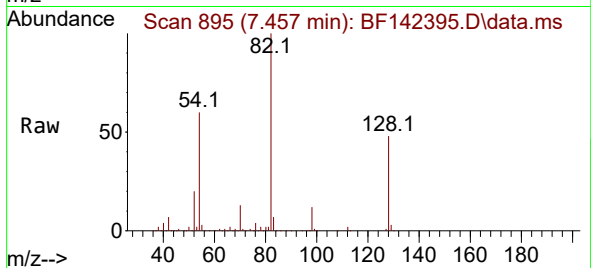
Tgt Ion: 82 Resp: 412681

Ion Ratio Lower Upper

82 100

128 47.6 37.0 55.6

54 59.8 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142395.D

Acq: 15 May 2025 16:43

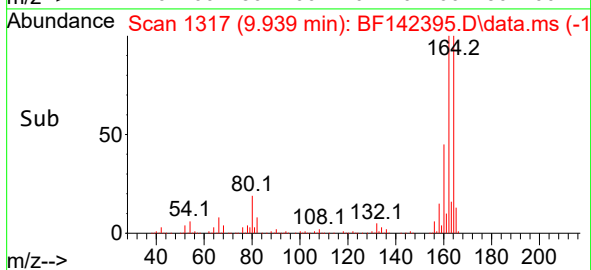
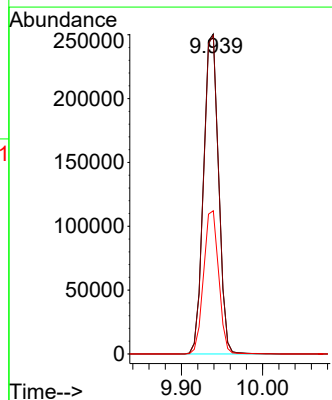
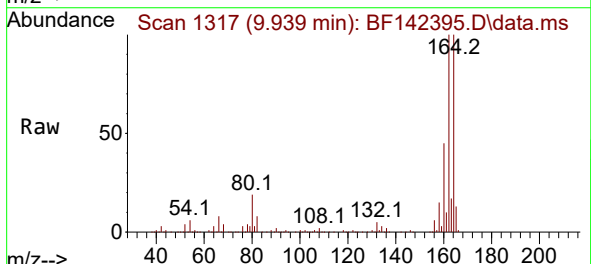
Tgt Ion:164 Resp: 322047

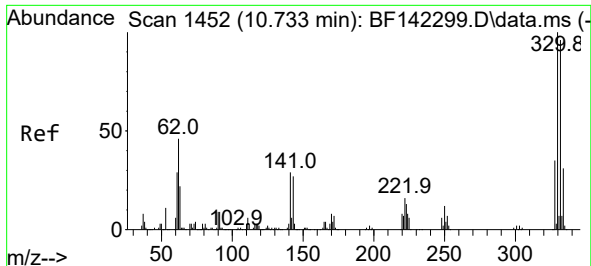
Ion Ratio Lower Upper

164 100

162 99.6 79.2 118.8

160 44.7 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 57.040 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF142395.D

Acq: 15 May 2025 16:43

Instrument :

BNA_F

ClientSampleId :

HEATER-PAD

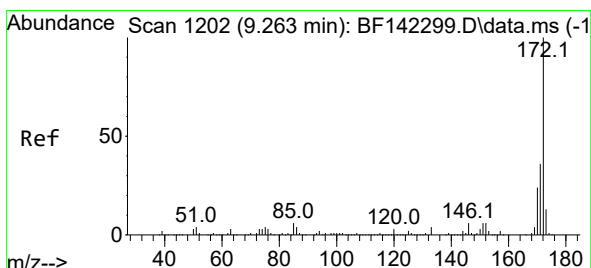
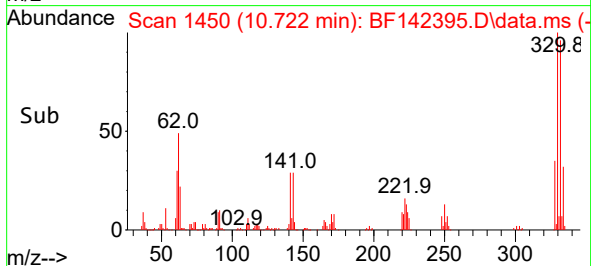
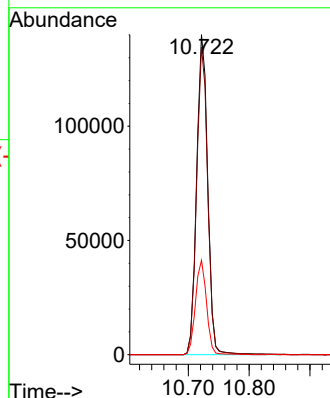
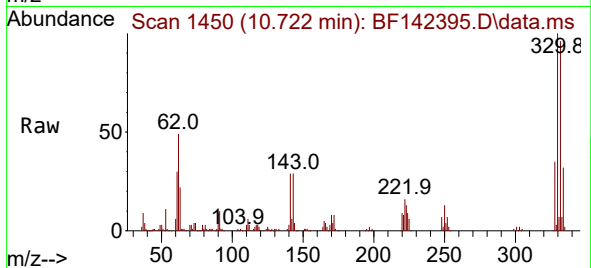
Tgt Ion:330 Resp: 177354

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 29.4 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 42.166 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142395.D

Acq: 15 May 2025 16:43

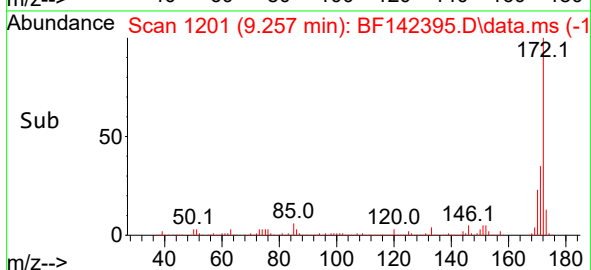
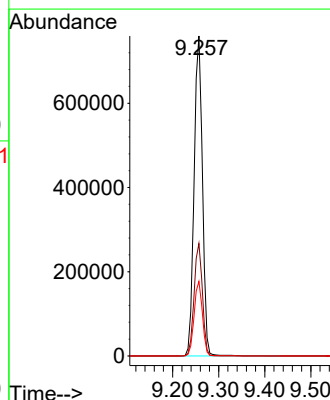
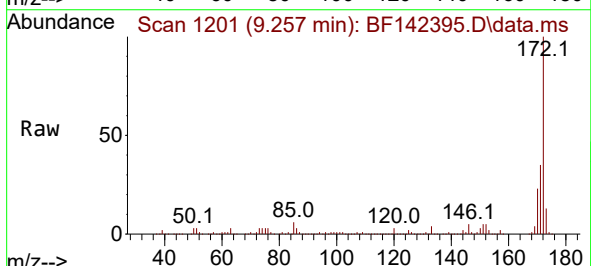
Tgt Ion:172 Resp: 952346

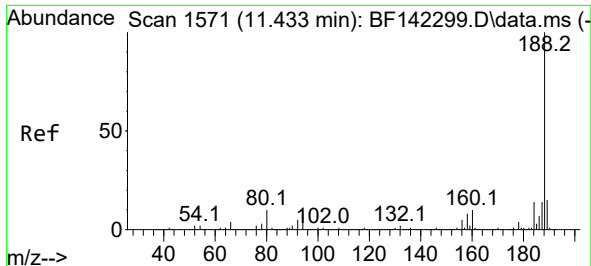
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.3 19.0 28.4

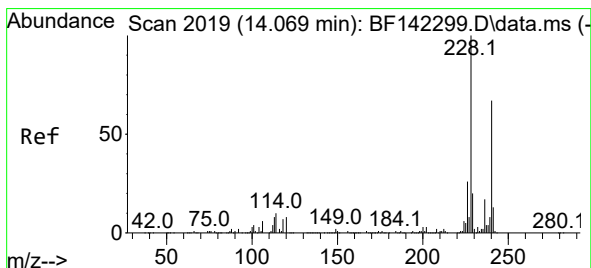
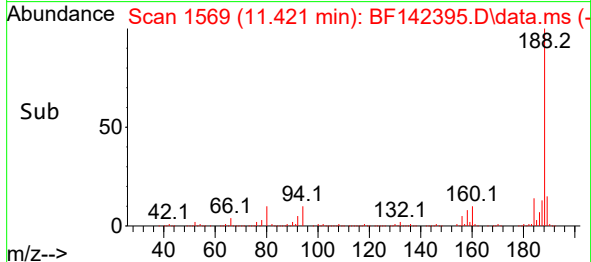
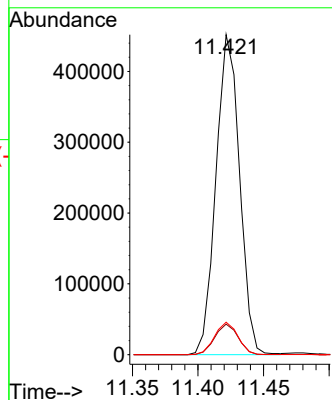
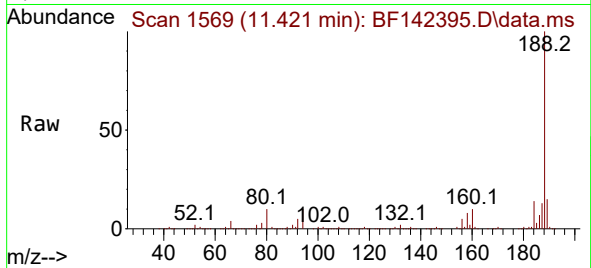




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142395.D
Acq: 15 May 2025 16:43

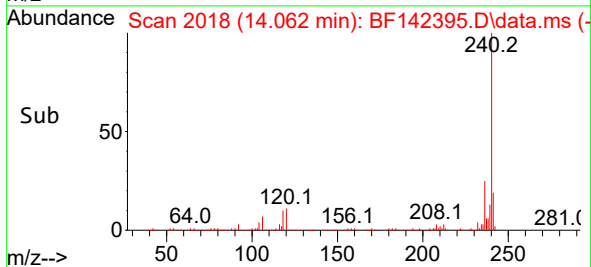
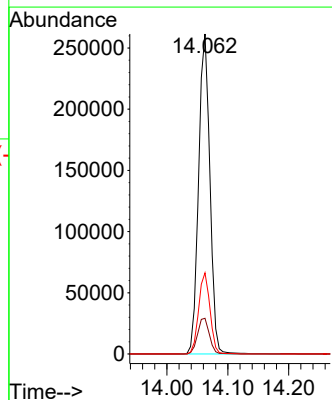
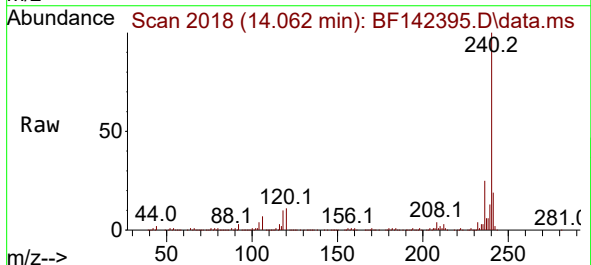
Instrument :
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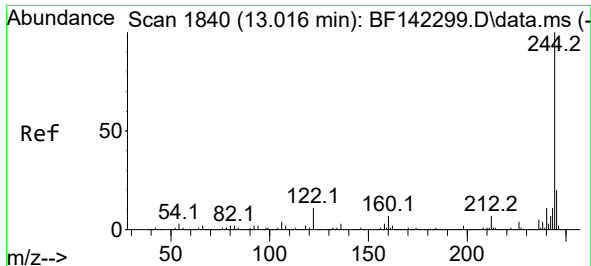
Tgt Ion:188 Resp: 565149
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142395.D
Acq: 15 May 2025 16:43

Tgt Ion:240 Resp: 336374
Ion Ratio Lower Upper
240 100
120 11.2 9.7 14.5
236 25.4 20.0 30.0

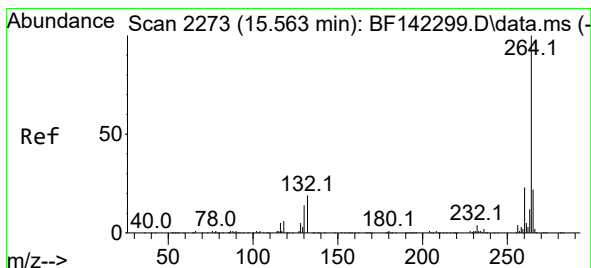
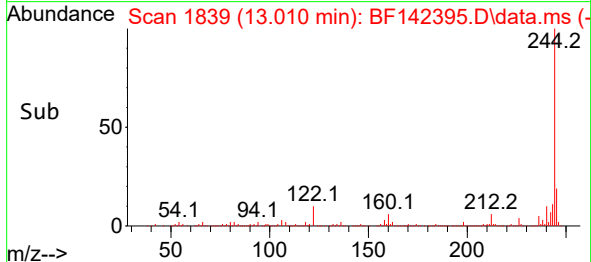
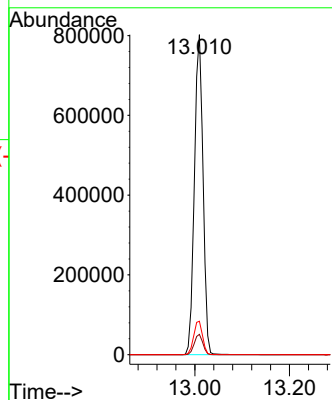
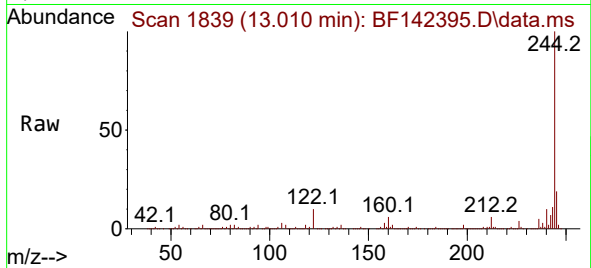




#79
 Terphenyl-d14
 Concen: 44.604 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142395.D
 Acq: 15 May 2025 16:43

Instrument :
 BNA_F
 ClientSampleId :
 HEATER-PAD

Tgt Ion:244 Resp: 1013694
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.2
 122 10.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF142395.D
 Acq: 15 May 2025 16:43

Tgt Ion:264 Resp: 339653
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 21.8 17.5 26.3

