

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
 Data File : BF141827.D
 Acq On : 04 Mar 2025 15:19
 Operator : RC/JU
 Sample : Q1480-25
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Mar 04 16:20:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	257112	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1010448	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	543817	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	880582	20.000	ng	0.00
76) Chrysene-d12	14.033	240	572495	20.000	ng	-0.02
86) Perylene-d12	15.510	264	518056	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	2142253	133.061	ng	0.01
7) Phenol-d6	6.504	99	2651439	126.528	ng	0.00
23) Nitrobenzene-d5	7.445	82	1739200	110.020	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	696300	136.384	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	3033895	89.455	ng	0.00
79) Terphenyl-d14	12.986	244	2874938	81.248	ng	-0.01

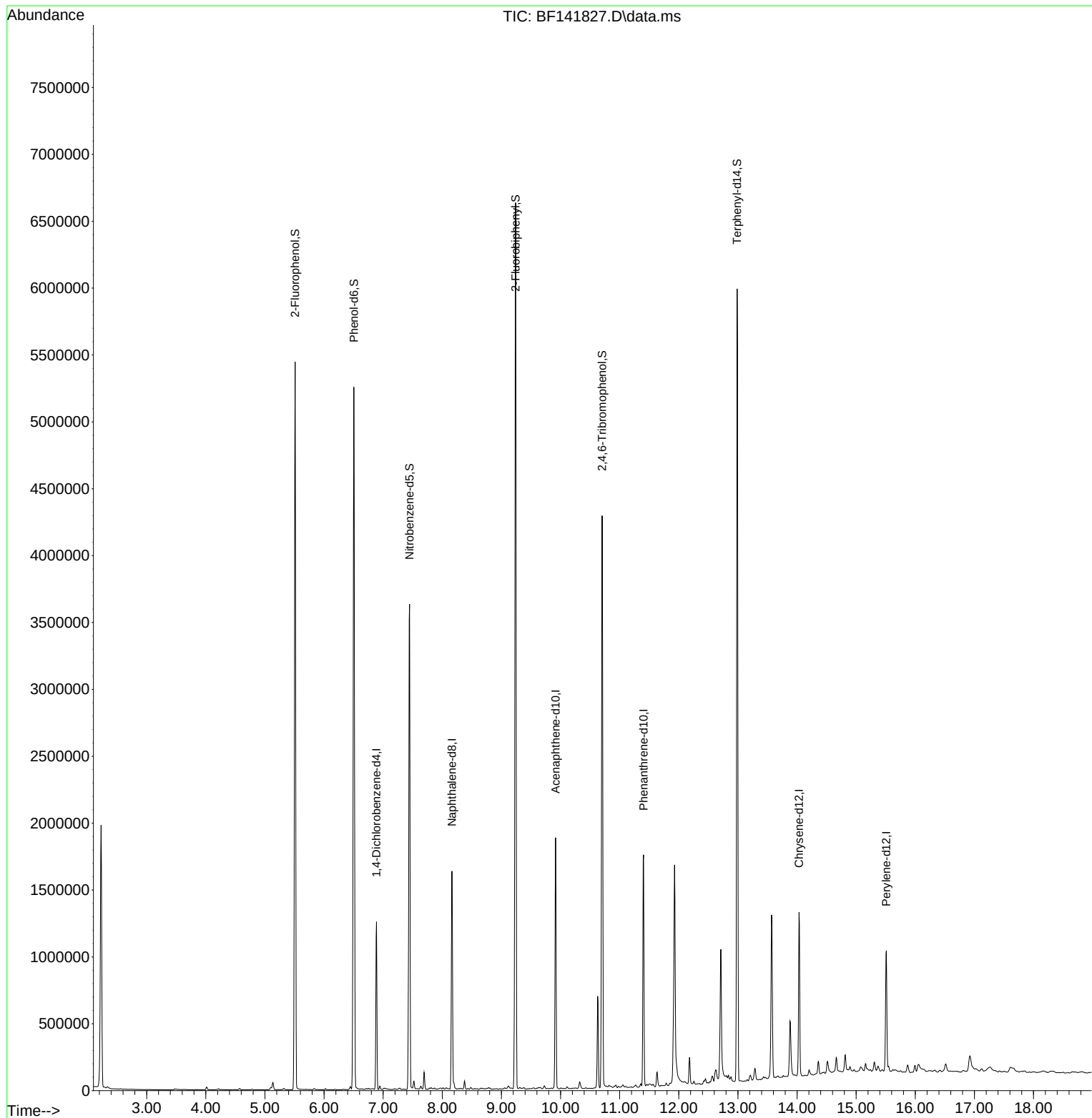
Target Compounds	Qvalue

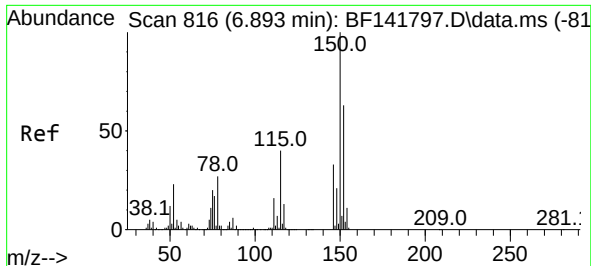
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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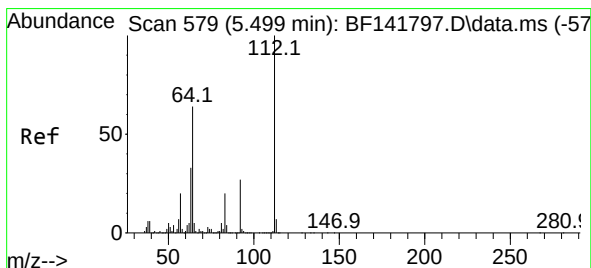
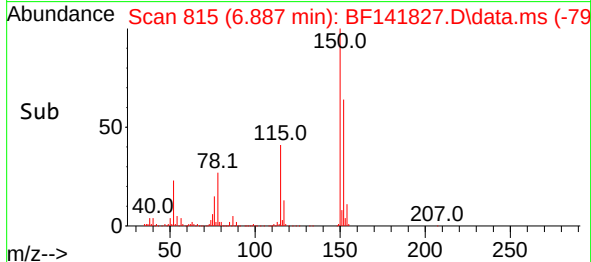
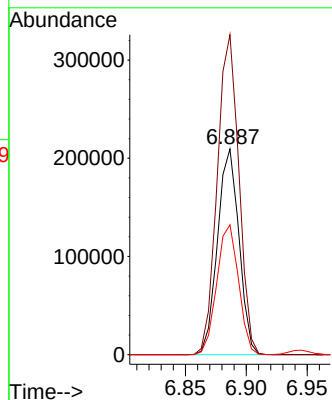
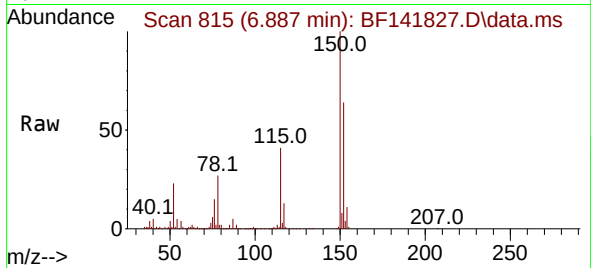




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF141827.D
 Acq: 04 Mar 2025 15:19

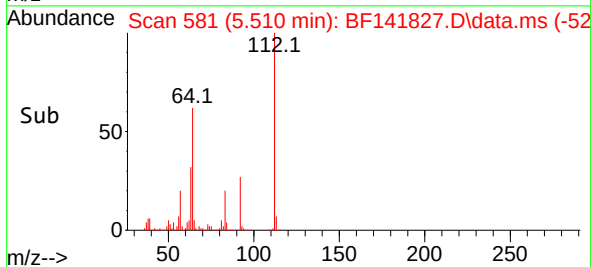
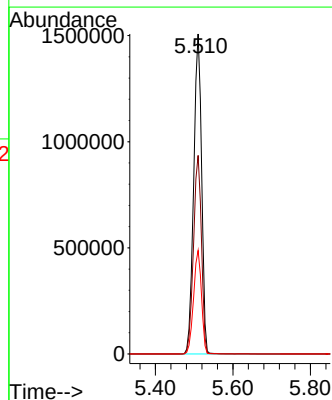
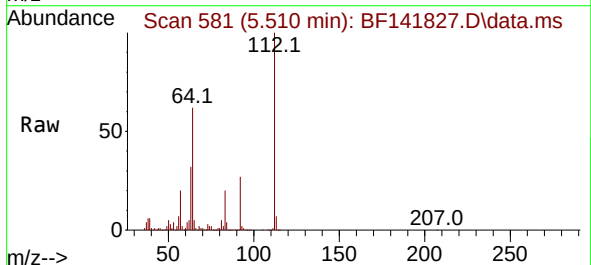
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

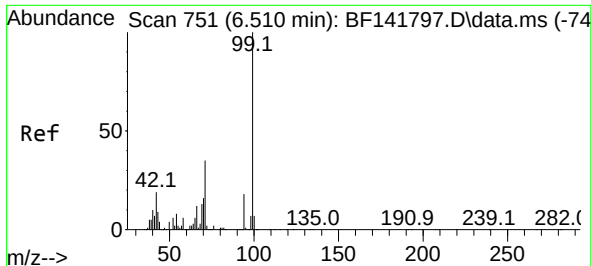
Tgt Ion:152 Resp: 257112
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.5 191.3
 115 63.1 51.4 77.2



#5
 2-Fluorophenol
 Concen: 133.061 ng
 RT: 5.510 min Scan# 581
 Delta R.T. 0.012 min
 Lab File: BF141827.D
 Acq: 04 Mar 2025 15:19

Tgt Ion:112 Resp: 2142253
 Ion Ratio Lower Upper
 112 100
 64 62.0 51.3 76.9
 63 32.3 26.2 39.4



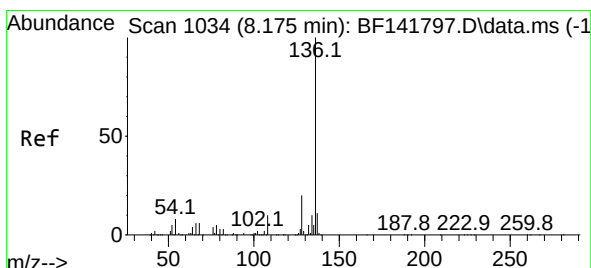
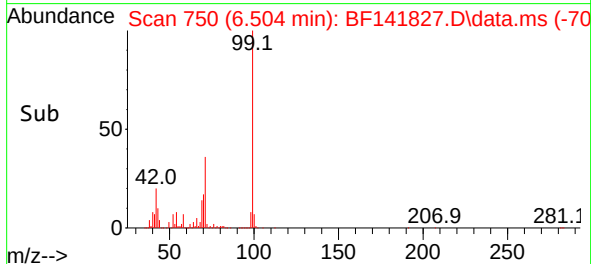
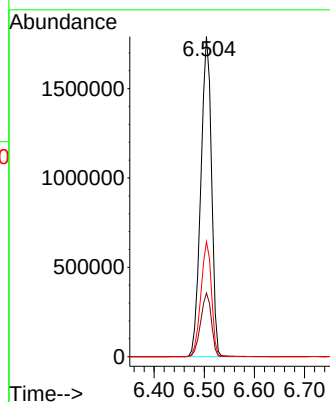
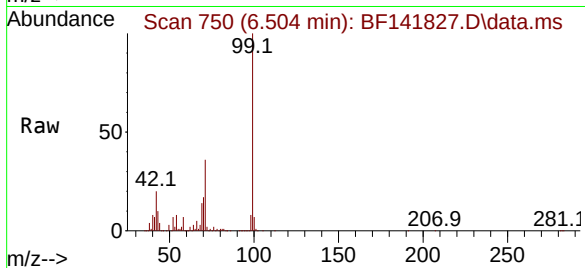


#7
Phenol-d6
Concen: 126.528 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141827.D
Acq: 04 Mar 2025 15:19

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 99 Resp: 2651439

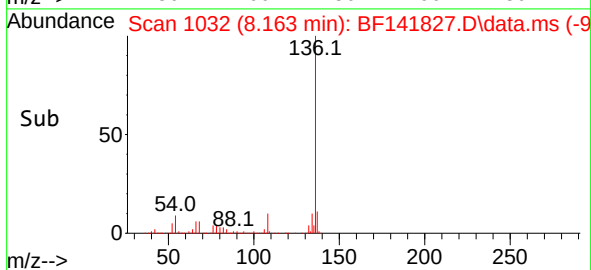
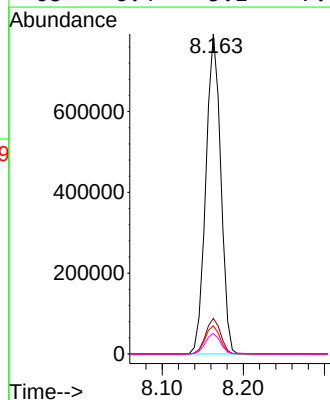
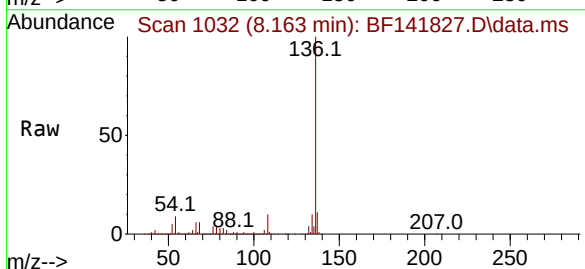
Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.2	22.8
71	35.9	28.2	42.2

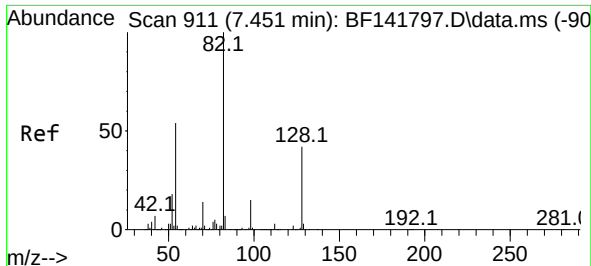


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141827.D
Acq: 04 Mar 2025 15:19

Tgt Ion:136 Resp: 1010448

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.8	6.9	10.3
68	6.4	5.1	7.7





#23

Nitrobenzene-d5

Concen: 110.020 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141827.D

Acq: 04 Mar 2025 15:19

Instrument :

BNA_F

ClientSampleId :

TP-4

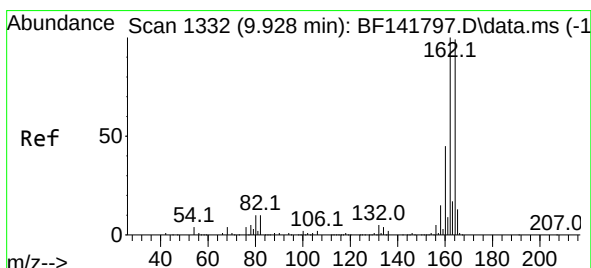
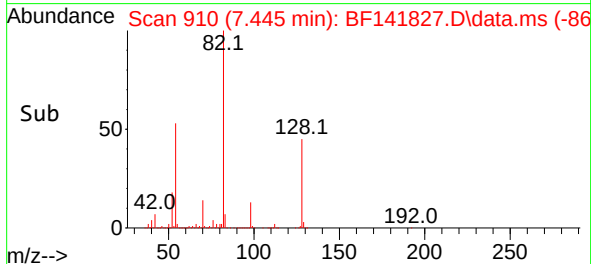
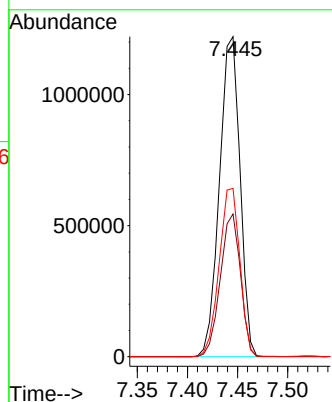
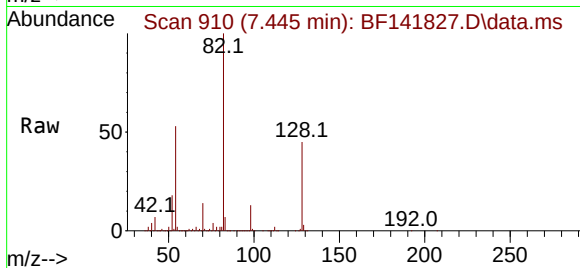
Tgt Ion: 82 Resp: 1739200

Ion Ratio Lower Upper

82 100

128 44.6 33.5 50.3

54 52.6 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.012 min

Lab File: BF141827.D

Acq: 04 Mar 2025 15:19

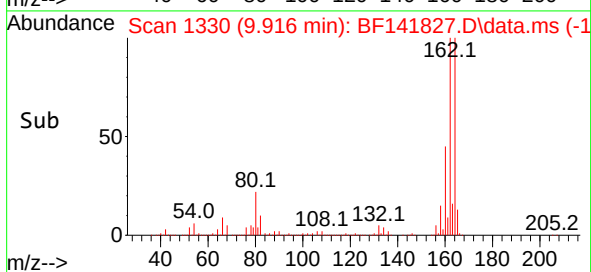
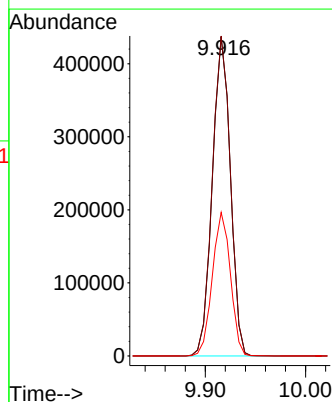
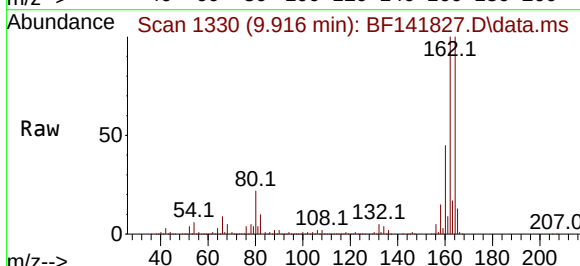
Tgt Ion:164 Resp: 543817

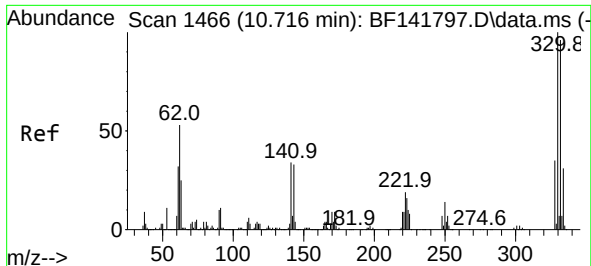
Ion Ratio Lower Upper

164 100

162 100.3 80.6 120.8

160 45.0 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 136.384 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.012 min

Lab File: BF141827.D

Acq: 04 Mar 2025 15:19

Instrument :

BNA_F

ClientSampleId :

TP-4

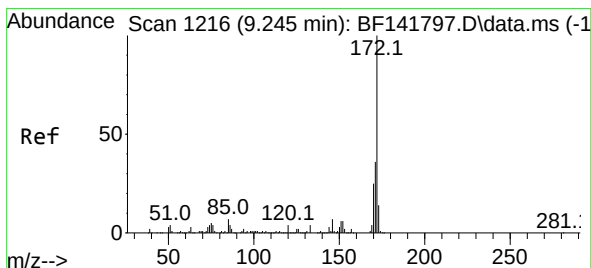
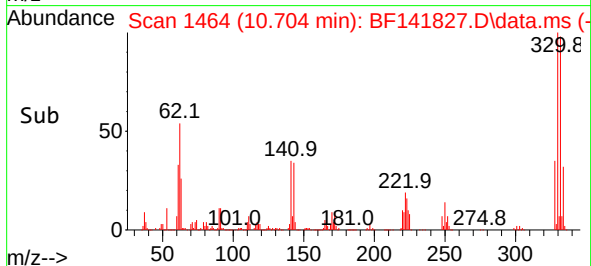
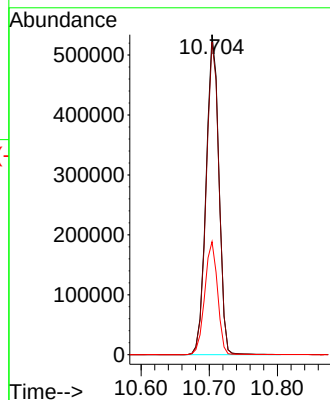
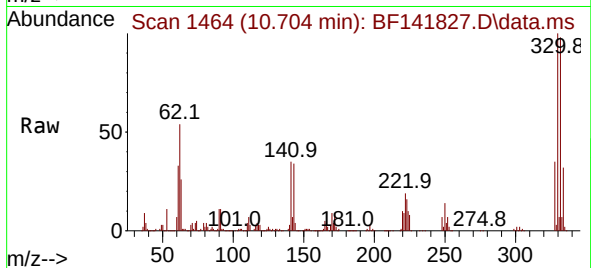
Tgt Ion:330 Resp: 696300

Ion Ratio Lower Upper

330 100

332 97.8 76.6 115.0

141 35.4 29.0 43.4



#45

2-Fluorobiphenyl

Concen: 89.455 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141827.D

Acq: 04 Mar 2025 15:19

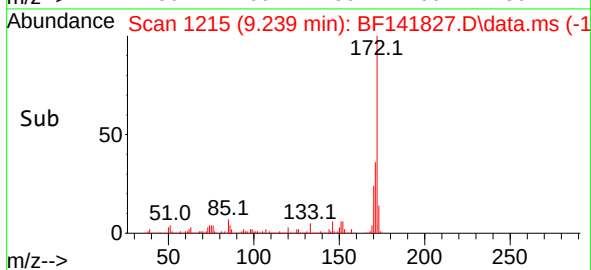
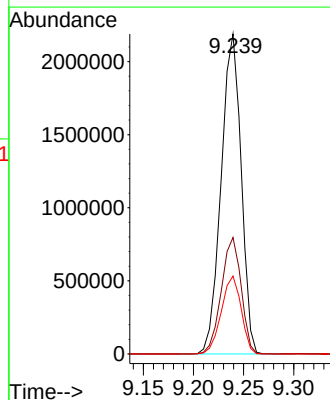
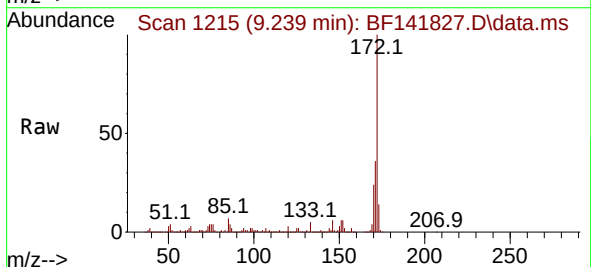
Tgt Ion:172 Resp: 3033895

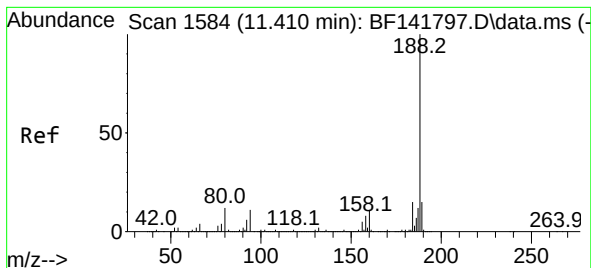
Ion Ratio Lower Upper

172 100

171 36.4 29.2 43.8

170 24.3 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141827.D

Acq: 04 Mar 2025 15:19

Instrument :

BNA_F

ClientSampleId :

TP-4

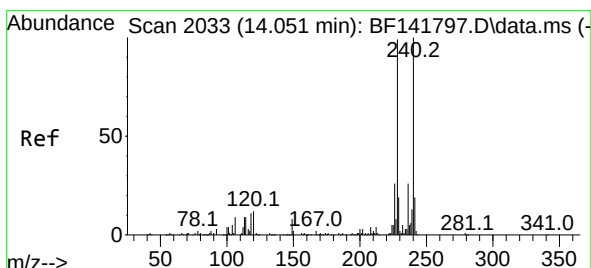
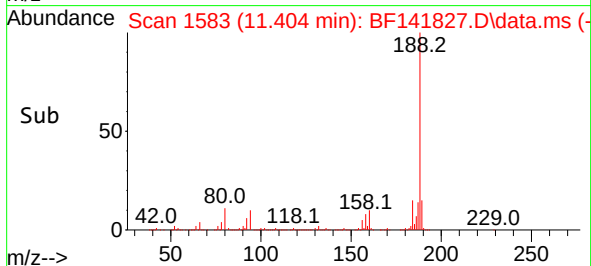
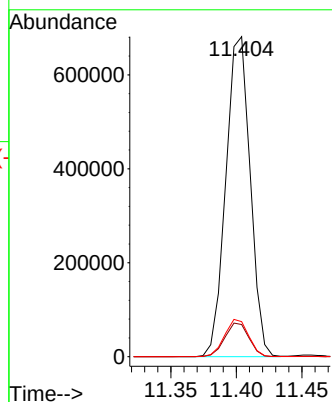
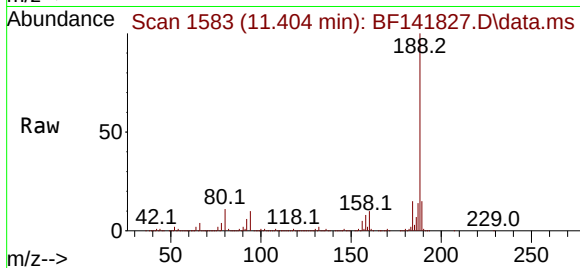
Tgt Ion:188 Resp: 880582

Ion Ratio Lower Upper

188 100

94 10.0 8.9 13.3

80 11.0 9.7 14.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.018 min

Lab File: BF141827.D

Acq: 04 Mar 2025 15:19

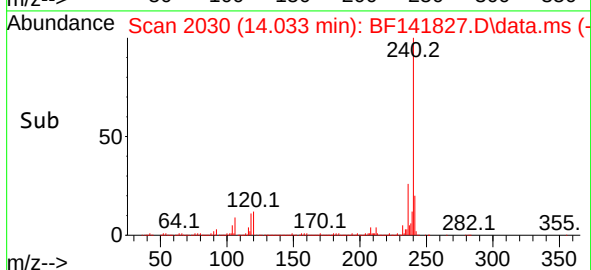
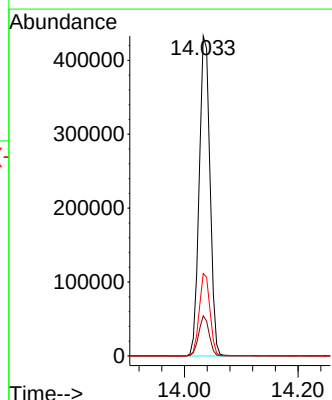
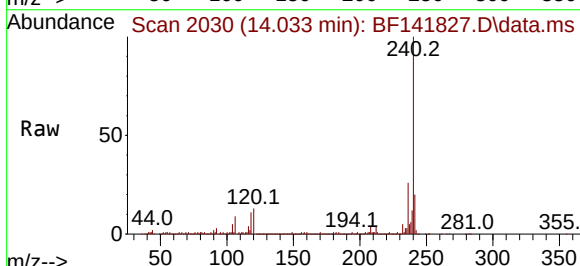
Tgt Ion:240 Resp: 572495

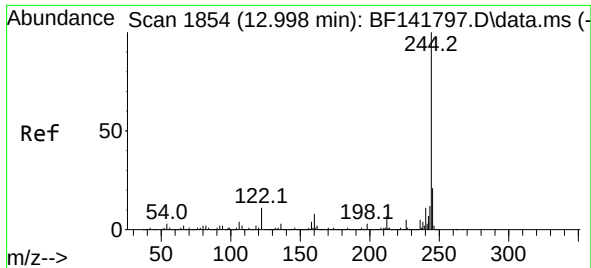
Ion Ratio Lower Upper

240 100

120 12.5 9.7 14.5

236 25.8 21.0 31.4

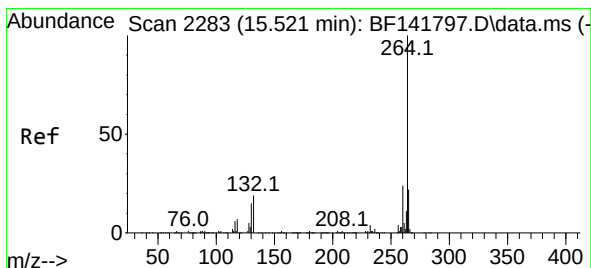
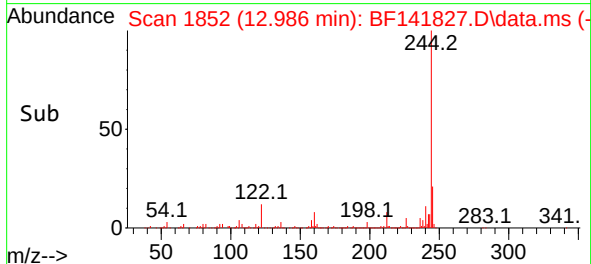
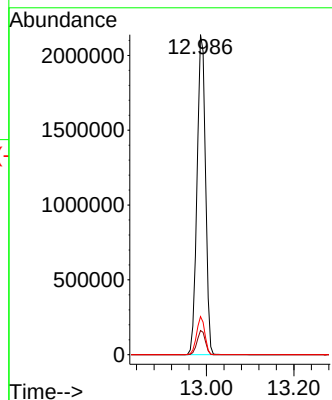
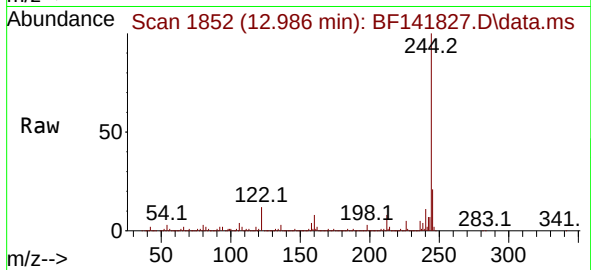




#79
 Terphenyl-d14
 Concen: 81.248 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.012 min
 Lab File: BF141827.D
 Acq: 04 Mar 2025 15:19

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 2874938
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 11.9 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. -0.012 min
 Lab File: BF141827.D
 Acq: 04 Mar 2025 15:19

Tgt Ion:264 Resp: 518056
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.6 17.4 26.0

