

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030525\
 Data File : BF141847.D
 Acq On : 05 Mar 2025 16:50
 Operator : RC/JU
 Sample : Q1488-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-101-SB02

Quant Time: Mar 05 17:10:32 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	181202	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	685861	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	338318	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	507852	20.000	ng	0.00
76) Chrysene-d12	14.033	240	419765	20.000	ng	-0.02
86) Perylene-d12	15.509	264	463489	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1128338	99.444	ng	0.00
7) Phenol-d6	6.498	99	1397485	94.626	ng	-0.01
23) Nitrobenzene-d5	7.439	82	871593	81.230	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	305614	96.220	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1472330	69.781	ng	0.00
79) Terphenyl-d14	12.986	244	1233851	47.557	ng	-0.01

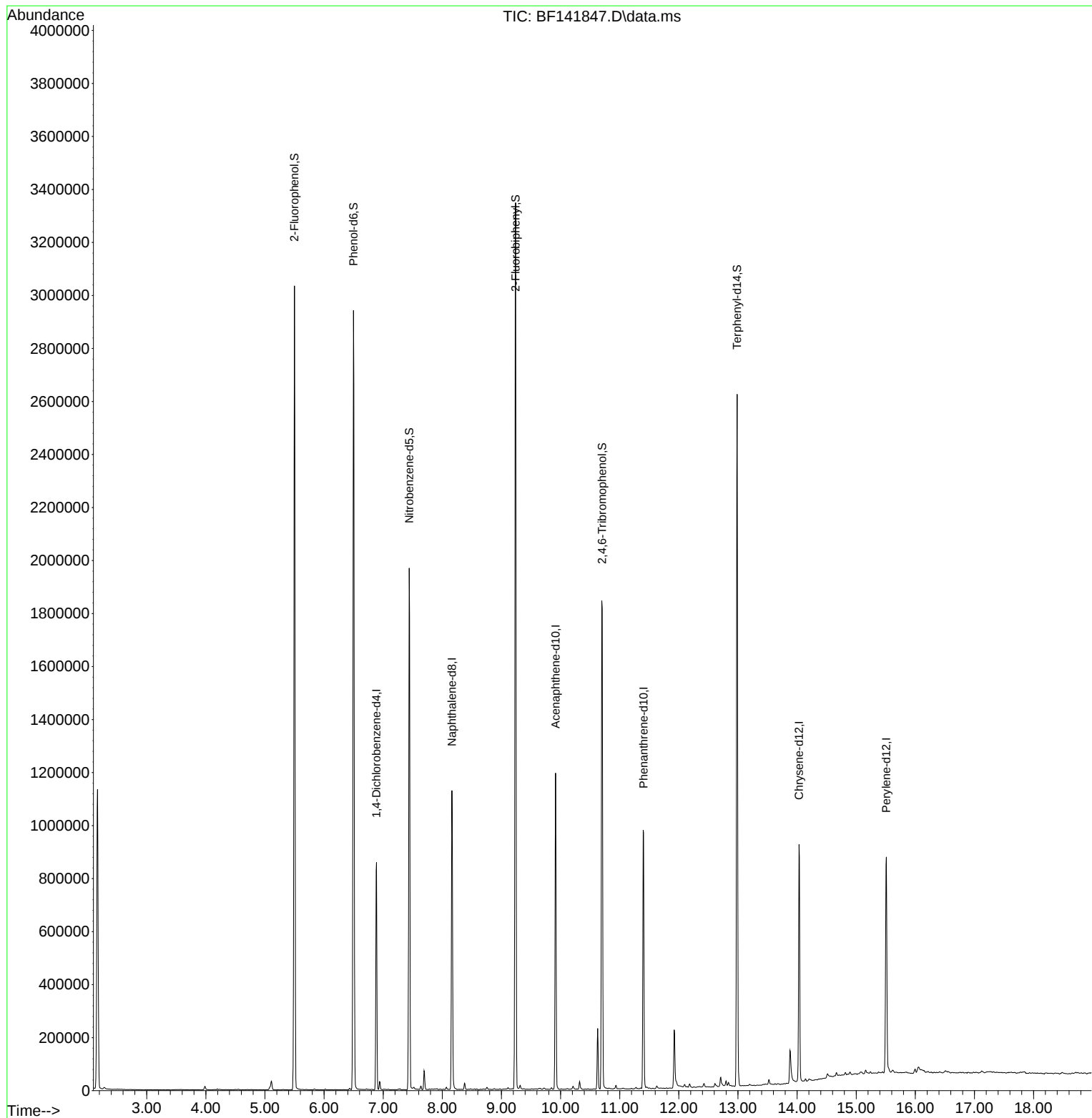
Target Compounds	Qvalue

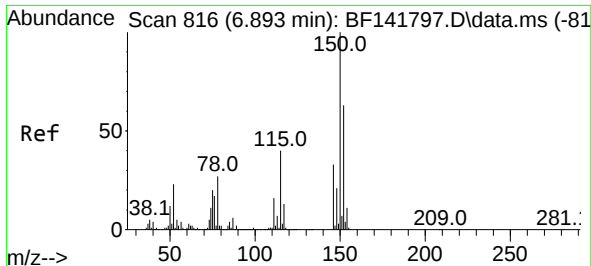
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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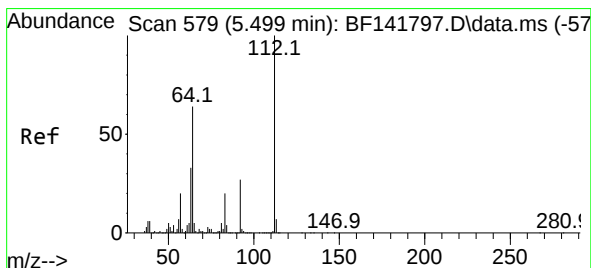
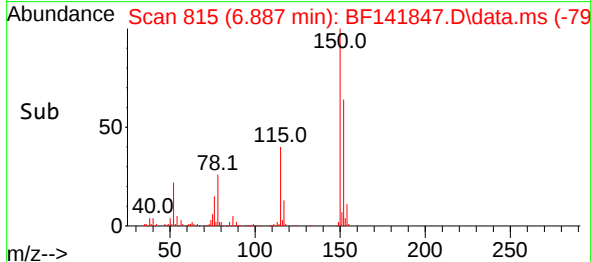
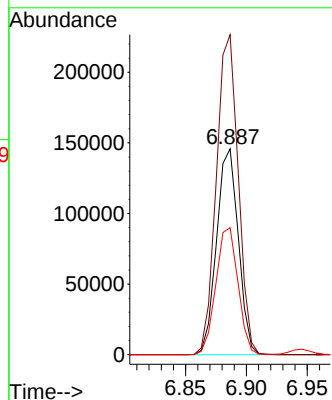
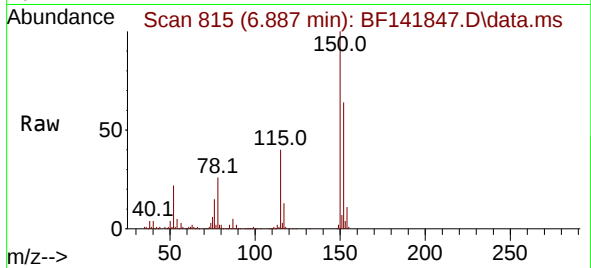




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF141847.D
 Acq: 05 Mar 2025 16:50

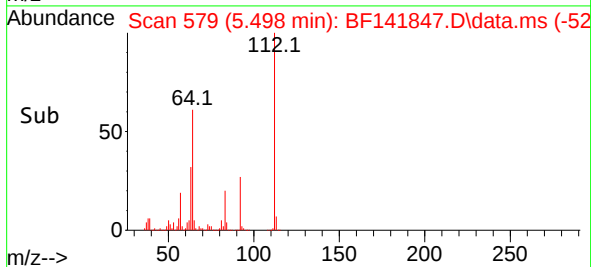
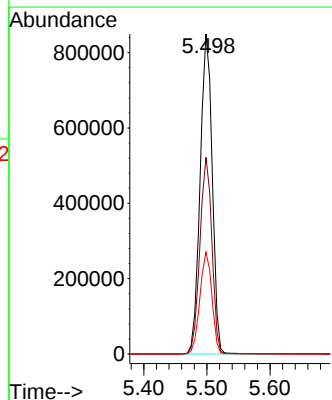
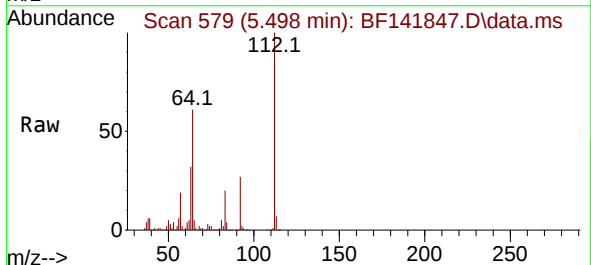
Instrument :
 BNA_F
 ClientSampleId :
 ENV-101-SB02

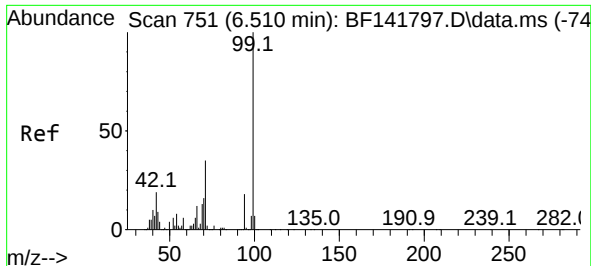
Tgt Ion:152 Resp: 181202
 Ion Ratio Lower Upper
 152 100
 150 155.4 127.5 191.3
 115 61.7 51.4 77.2



#5
 2-Fluorophenol
 Concen: 99.444 ng
 RT: 5.498 min Scan# 579
 Delta R.T. -0.000 min
 Lab File: BF141847.D
 Acq: 05 Mar 2025 16:50

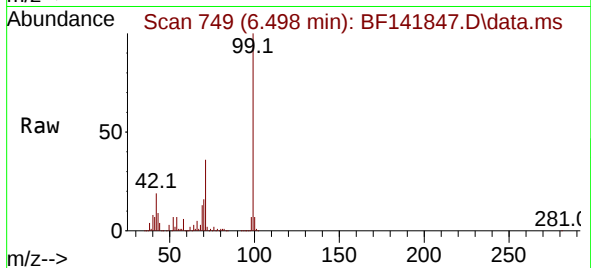
Tgt Ion:112 Resp: 1128338
 Ion Ratio Lower Upper
 112 100
 64 61.4 51.3 76.9
 63 31.9 26.2 39.4





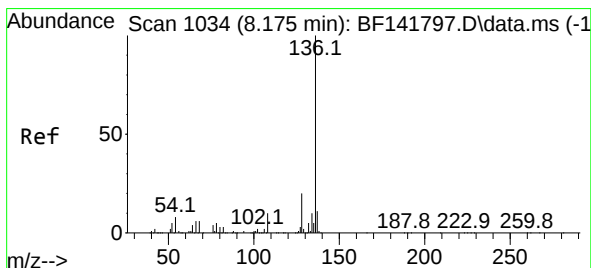
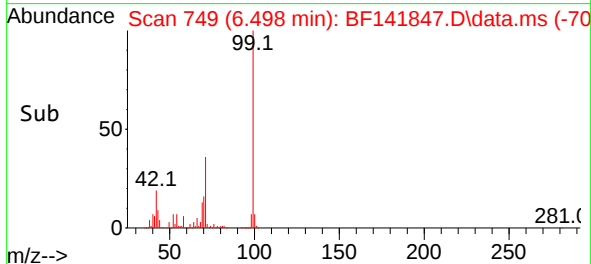
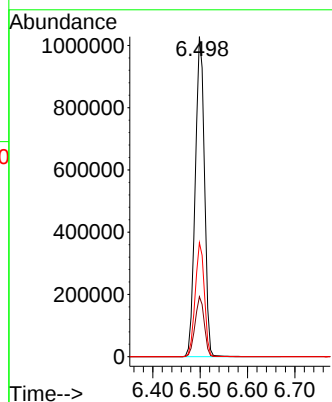
#7
Phenol-d6
Concen: 94.626 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF141847.D
Acq: 05 Mar 2025 16:50

Instrument :
BNA_F
ClientSampleId :
ENV-101-SB02



Tgt Ion: 99 Resp: 1397485

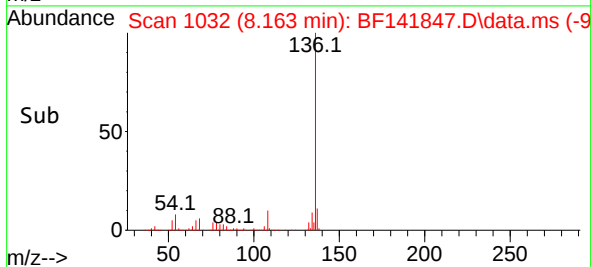
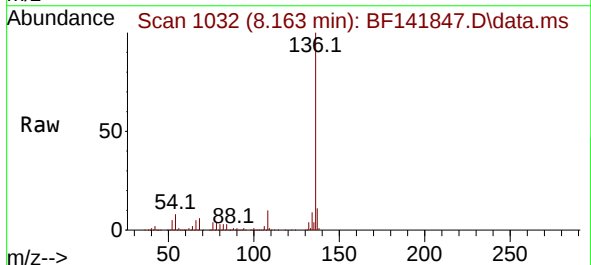
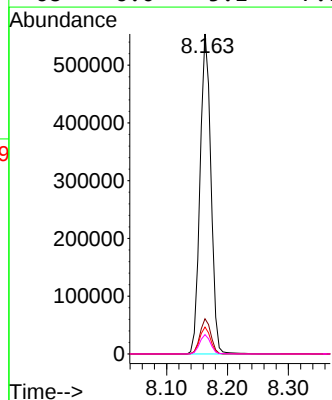
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.2	22.8
71	35.6	28.2	42.2

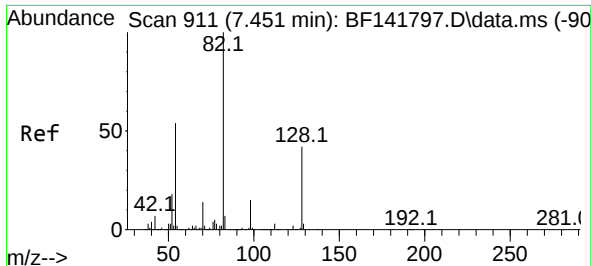


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141847.D
Acq: 05 Mar 2025 16:50

Tgt Ion: 136 Resp: 685861

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.4	6.9	10.3
68	6.0	5.1	7.7

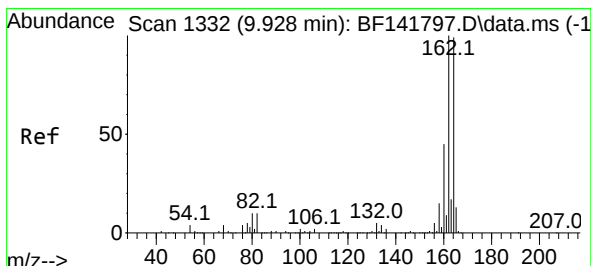
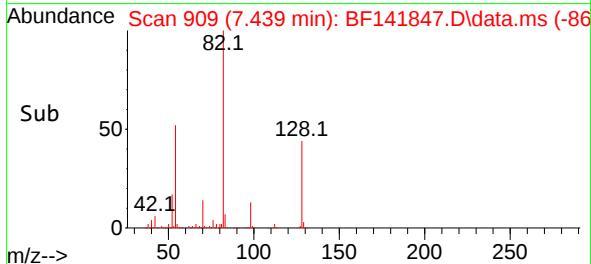
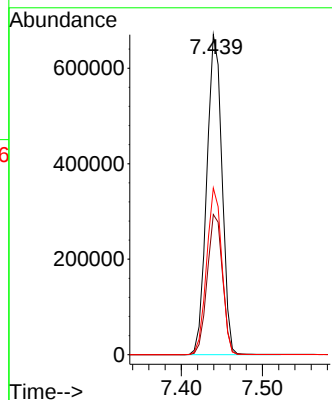
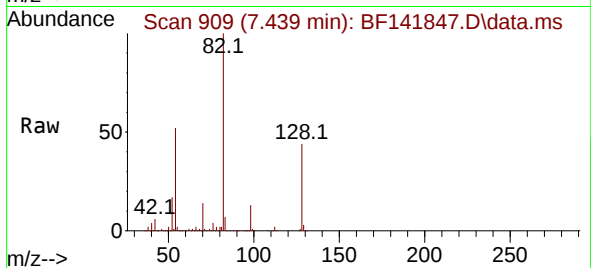




#23
Nitrobenzene-d5
Concen: 81.230 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF141847.D
Acq: 05 Mar 2025 16:50

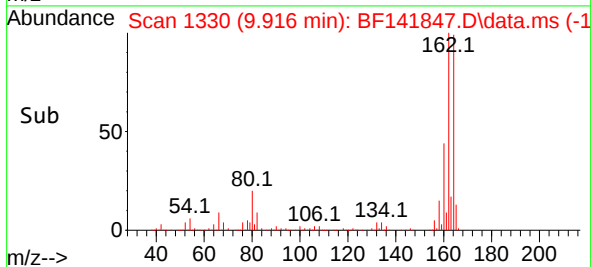
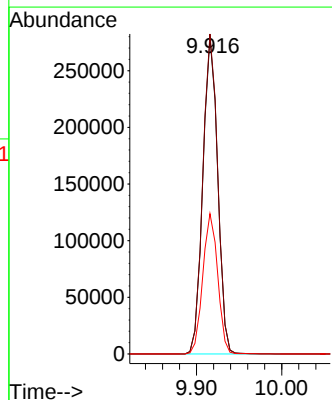
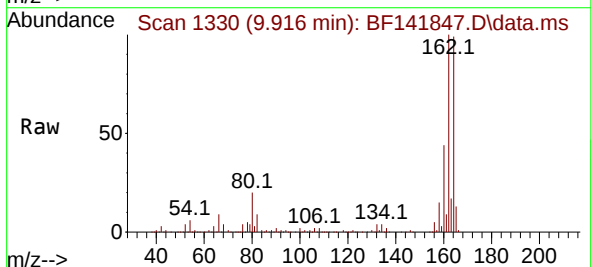
Instrument :
BNA_F
ClientSampleId :
ENV-101-SB02

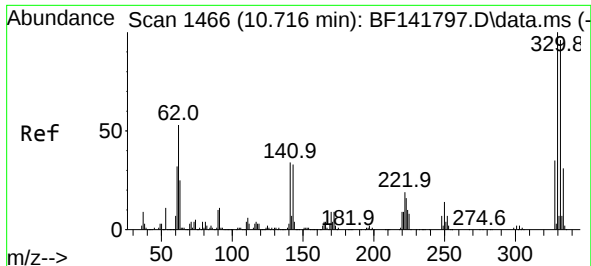
Tgt Ion: 82 Resp: 871593
Ion Ratio Lower Upper
82 100
128 43.8 33.5 50.3
54 52.1 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF141847.D
Acq: 05 Mar 2025 16:50

Tgt Ion: 164 Resp: 338318
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 44.3 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 96.220 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.012 min

Lab File: BF141847.D

Acq: 05 Mar 2025 16:50

Instrument :

BNA_F

ClientSampleId :

ENV-101-SB02

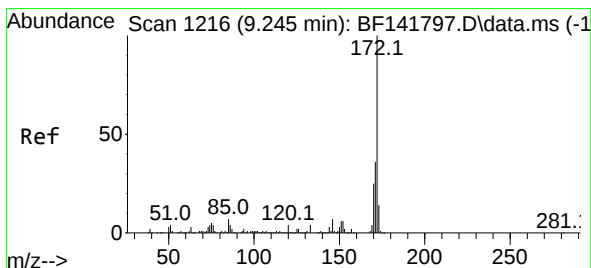
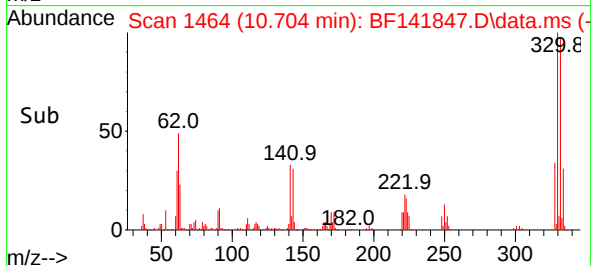
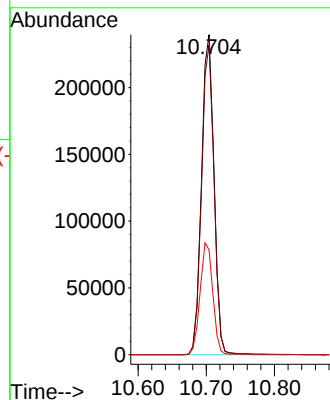
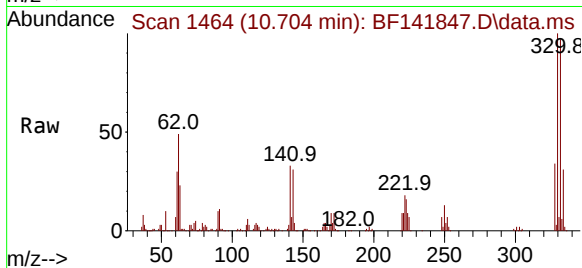
Tgt Ion:330 Resp: 305614

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

141 35.5 29.0 43.4



#45

2-Fluorobiphenyl

Concen: 69.781 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141847.D

Acq: 05 Mar 2025 16:50

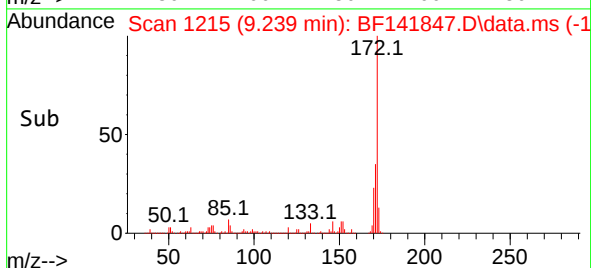
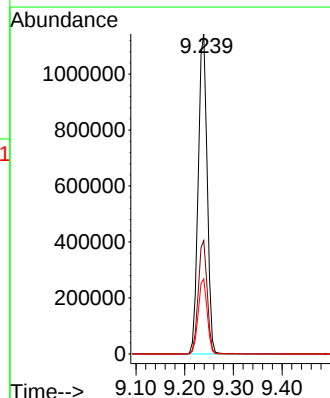
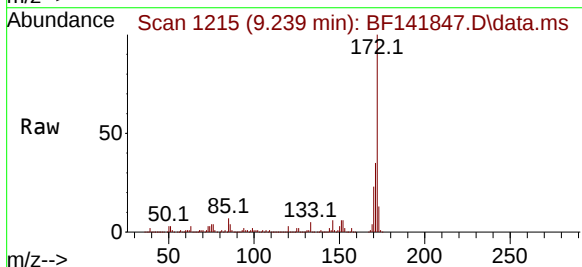
Tgt Ion:172 Resp: 1472330

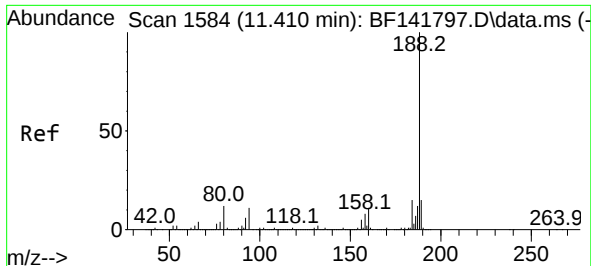
Ion Ratio Lower Upper

172 100

171 35.4 29.2 43.8

170 23.4 19.7 29.5

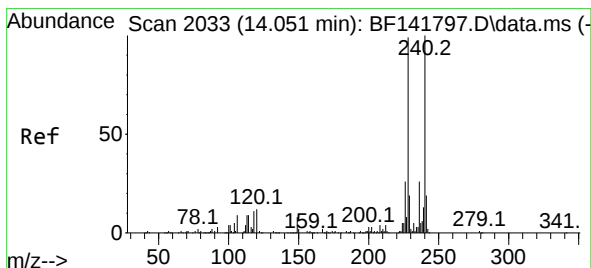
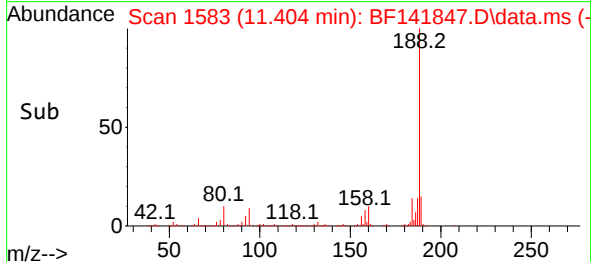
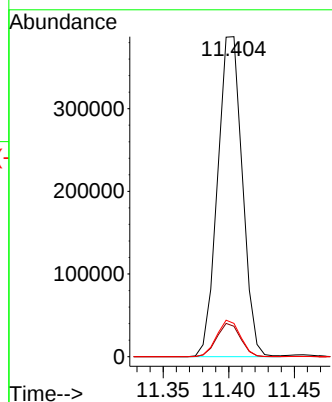
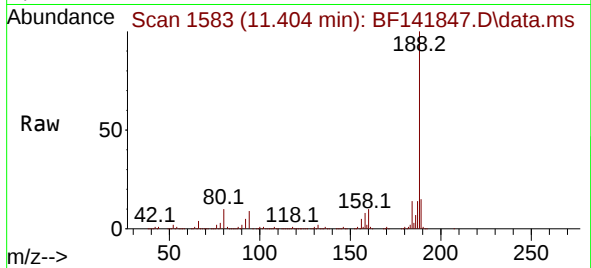




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141847.D
Acq: 05 Mar 2025 16:50

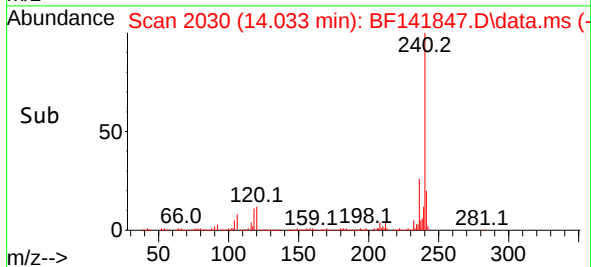
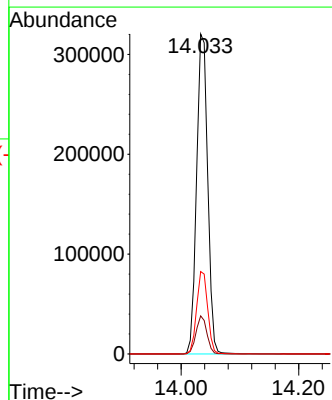
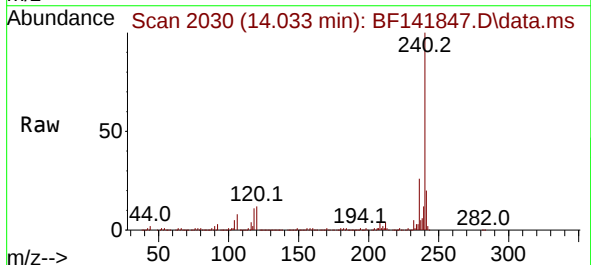
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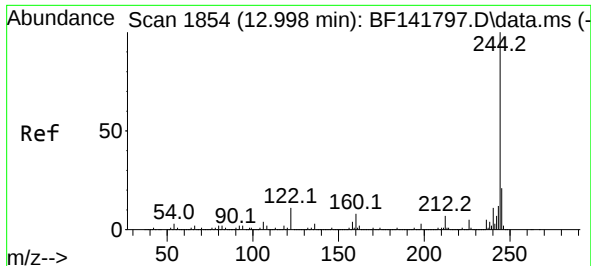
Tgt Ion:188 Resp: 507852
Ion Ratio Lower Upper
188 100
94 9.5 8.9 13.3
80 10.4 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.018 min
Lab File: BF141847.D
Acq: 05 Mar 2025 16:50

Tgt Ion:240 Resp: 419765
Ion Ratio Lower Upper
240 100
120 11.9 9.7 14.5
236 25.8 21.0 31.4

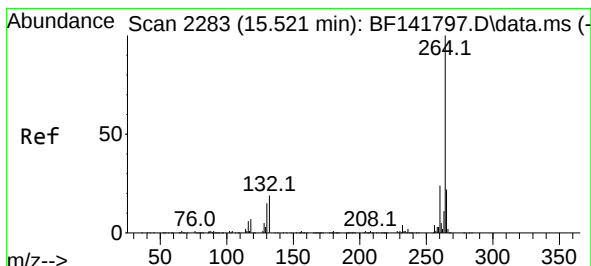
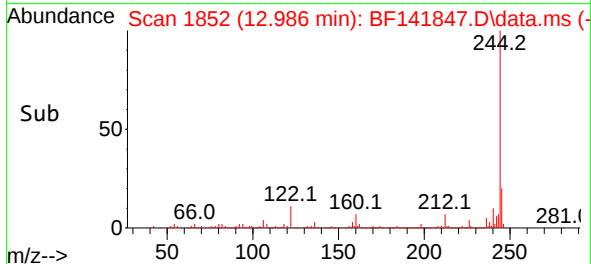
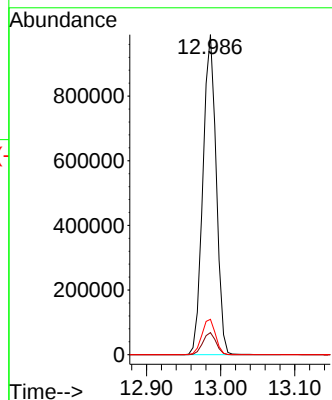
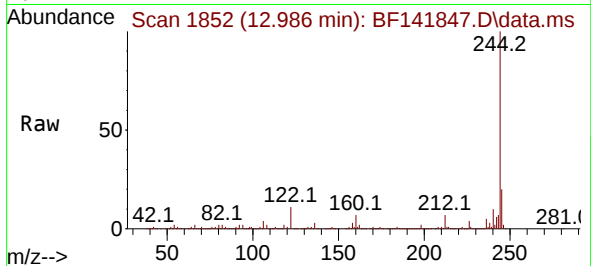




#79
 Terphenyl-d14
 Concen: 47.557 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.012 min
 Lab File: BF141847.D
 Acq: 05 Mar 2025 16:50

Instrument :
 BNA_F
 ClientSampleId :
 ENV-101-SB02

Tgt Ion:244 Resp: 1233851
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 11.1 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2281
 Delta R.T. -0.012 min
 Lab File: BF141847.D
 Acq: 05 Mar 2025 16:50

Tgt Ion:264 Resp: 463489
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.7 17.4 26.0

