

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141872.D
 Acq On : 06 Mar 2025 16:59
 Operator : RC/JU
 Sample : Q1478-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-AQ-IW-01-COMP-022825

Quant Time: Mar 06 17:52:38 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)

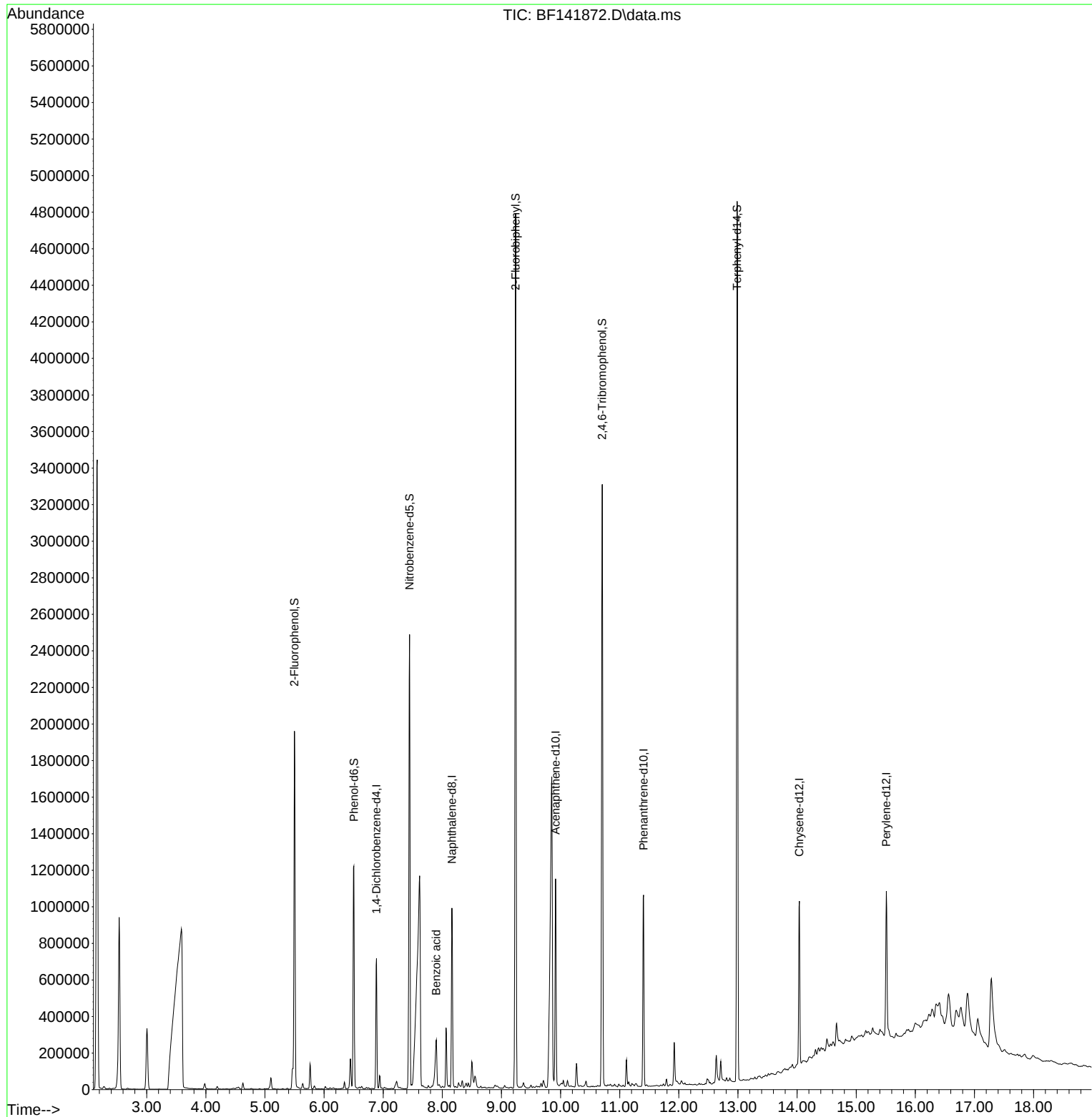
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	148756	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	590022	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	323461	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	547761	20.000	ng	0.00
76) Chrysene-d12	14.039	240	434019	20.000	ng	-0.01
86) Perylene-d12	15.509	264	452777	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	724387	77.767	ng	0.00
7) Phenol-d6	6.504	99	580081	47.846	ng	0.00
23) Nitrobenzene-d5	7.445	82	1138336	123.322	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	565557	186.240	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	2049037	101.574	ng	0.00
79) Terphenyl-d14	12.986	244	2404636	89.639	ng	-0.01
Target Compounds						
32) Benzoic acid	7.898	122	90273	20.151	ng	Qvalue 96

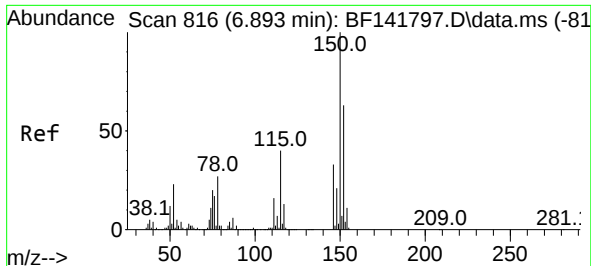
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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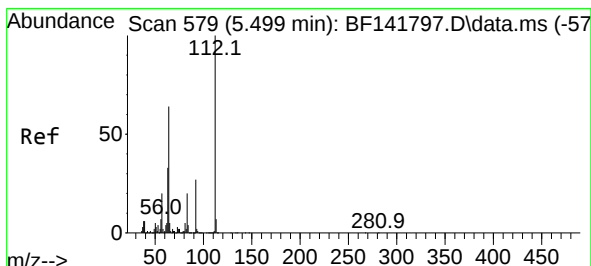
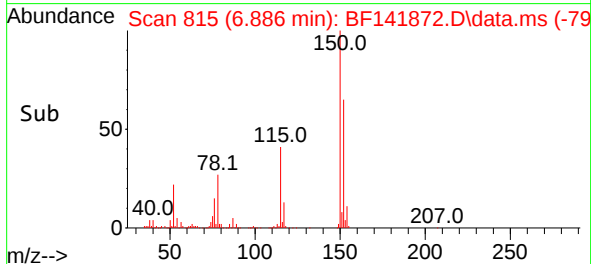
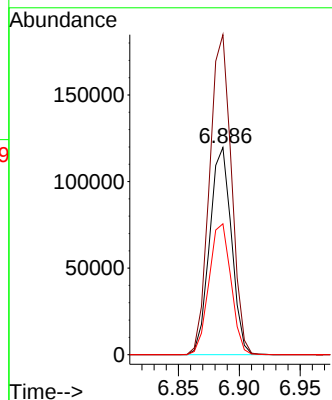
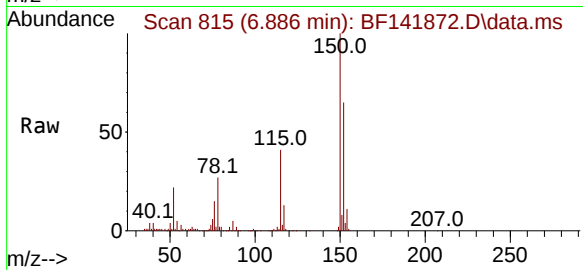




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 816
 Delta R.T. -0.007 min
 Lab File: BF141872.D
 Acq: 06 Mar 2025 16:59

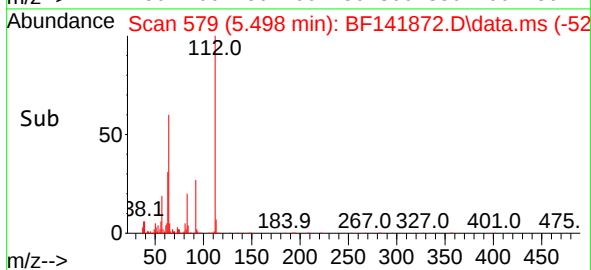
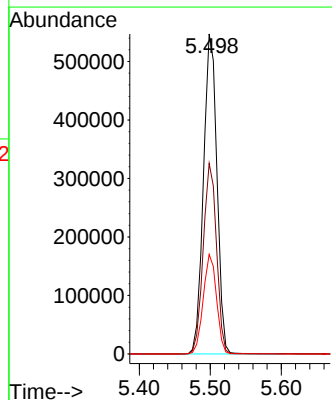
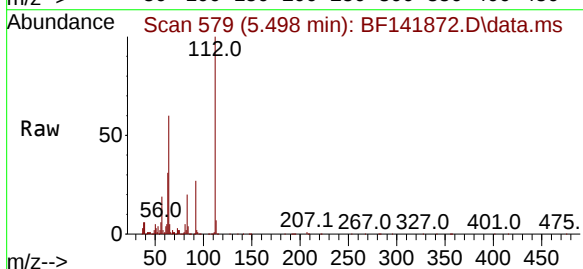
Instrument :
 BNA_F
 ClientSampleId :
 IDW-AQ-IW-01-COMP-022825

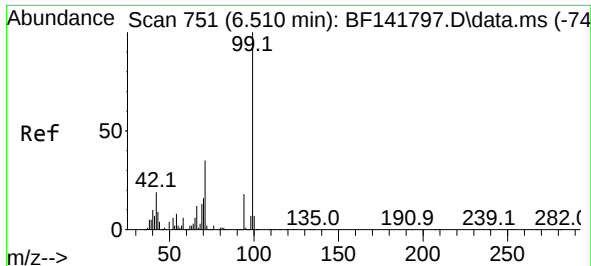
Tgt Ion:152 Resp: 148756
 Ion Ratio Lower Upper
 152 100
 150 154.4 127.5 191.3
 115 63.2 51.4 77.2



#5
 2-Fluorophenol
 Concen: 77.767 ng
 RT: 5.498 min Scan# 579
 Delta R.T. -0.000 min
 Lab File: BF141872.D
 Acq: 06 Mar 2025 16:59

Tgt Ion:112 Resp: 724387
 Ion Ratio Lower Upper
 112 100
 64 59.6 51.3 76.9
 63 31.1 26.2 39.4

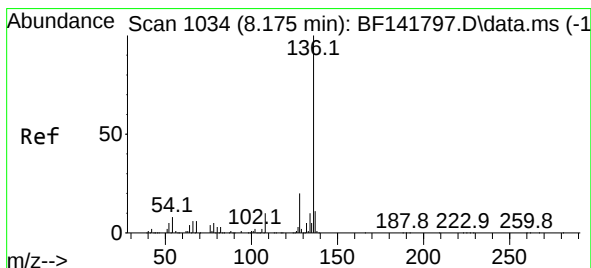
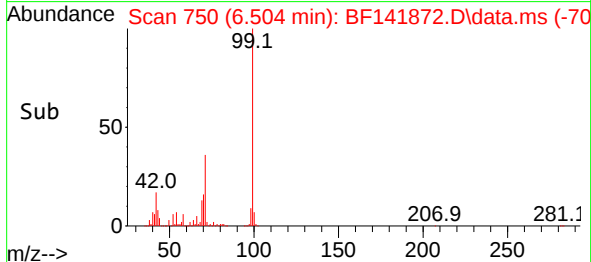
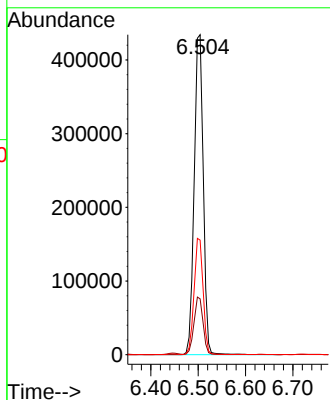
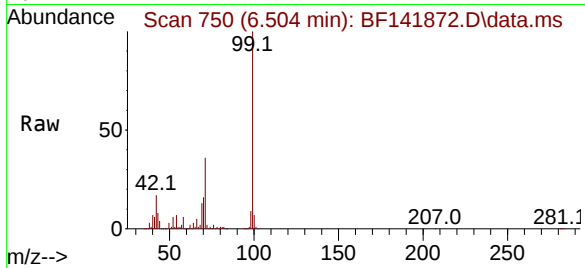




#7
Phenol-d6
Concen: 47.846 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141872.D
Acq: 06 Mar 2025 16:59

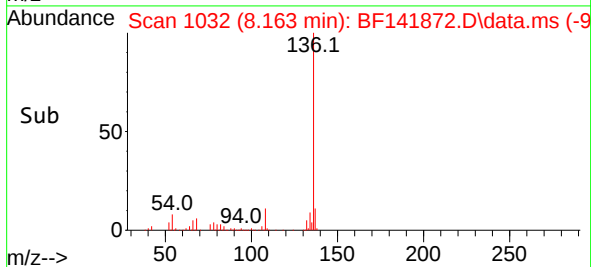
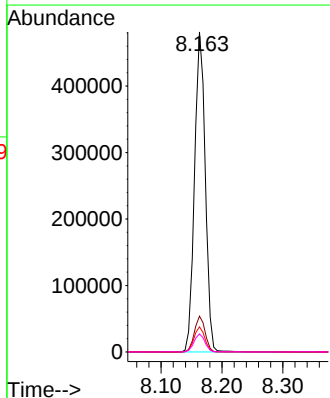
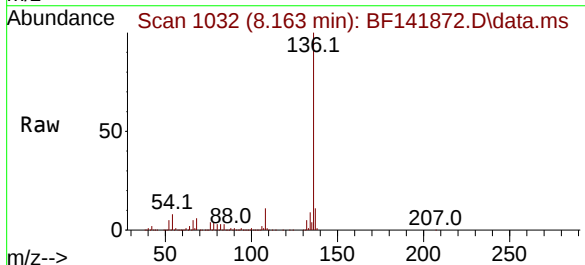
Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-01-COMP-022825

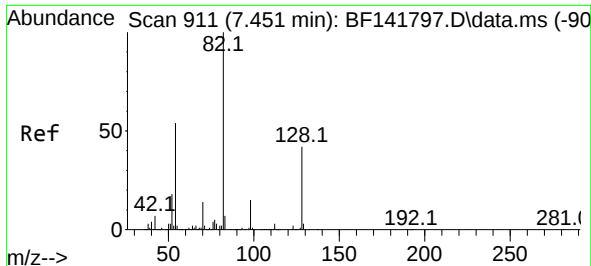
Tgt Ion: 99 Resp: 580081
Ion Ratio Lower Upper
99 100
42 17.5 15.2 22.8
71 35.8 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141872.D
Acq: 06 Mar 2025 16:59

Tgt Ion: 136 Resp: 590022
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.9 6.9 10.3
68 5.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 123.322 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141872.D

Acq: 06 Mar 2025 16:59

Instrument :

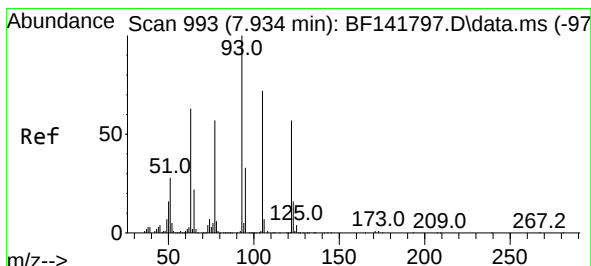
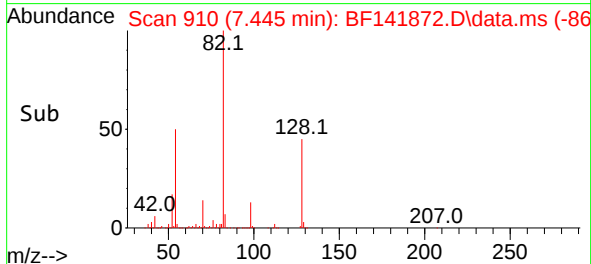
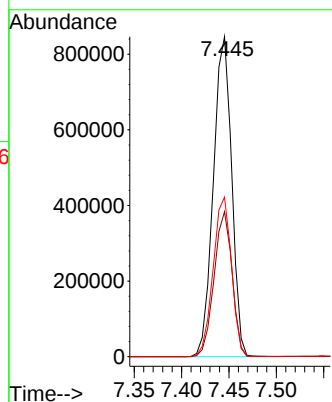
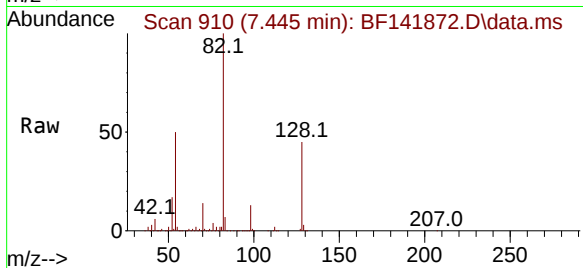
BNA_F

ClientSampleId :

IDW-AQ-IW-01-COMP-022825

Tgt Ion: 82 Resp: 1138336

Ion	Ratio	Lower	Upper
82	100		
128	45.3	33.5	50.3
54	49.8	42.7	64.1



#32

Benzoic acid

Concen: 20.151 ng

RT: 7.898 min Scan# 987

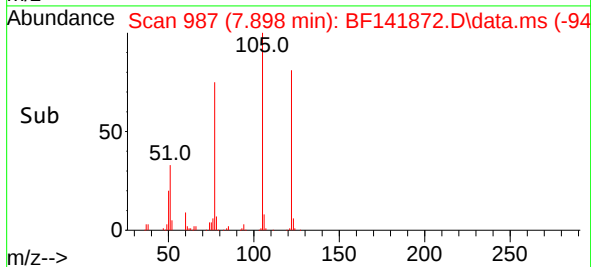
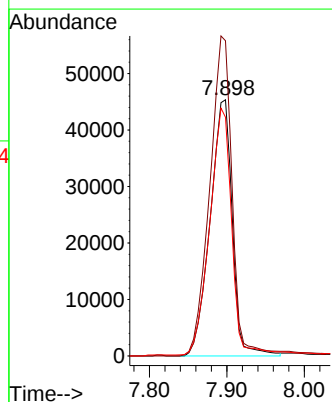
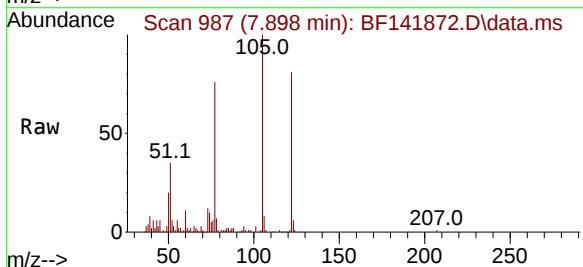
Delta R.T. -0.036 min

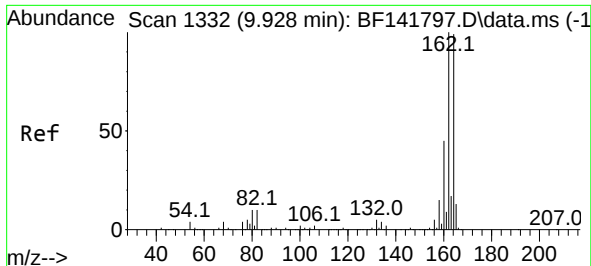
Lab File: BF141872.D

Acq: 06 Mar 2025 16:59

Tgt Ion:122 Resp: 90273

Ion	Ratio	Lower	Upper
122	100		
105	123.0	105.8	145.8
77	93.1	79.9	119.9

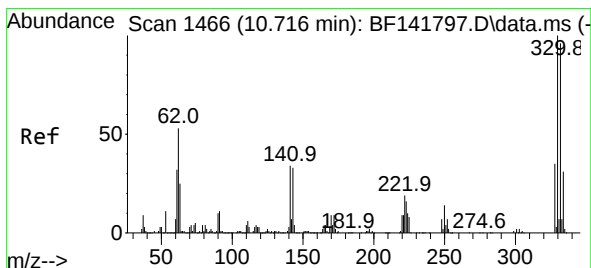
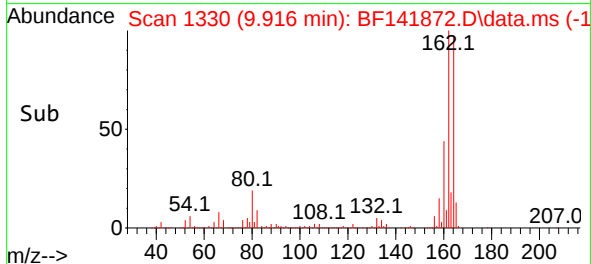
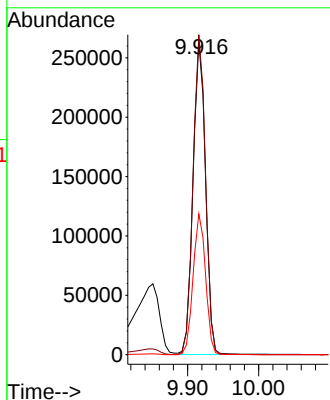
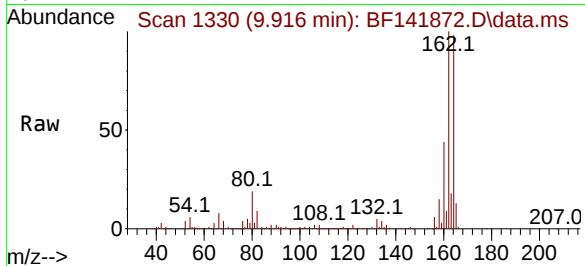




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141872.D
Acq: 06 Mar 2025 16:59

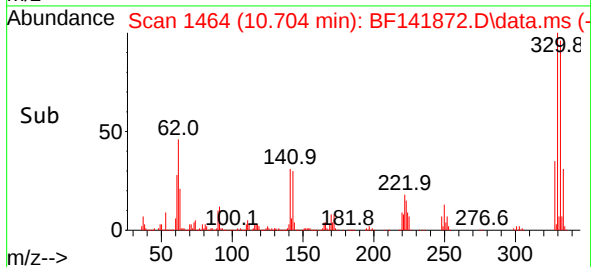
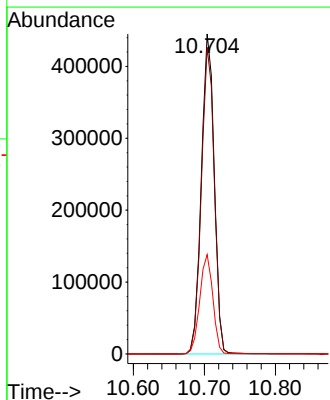
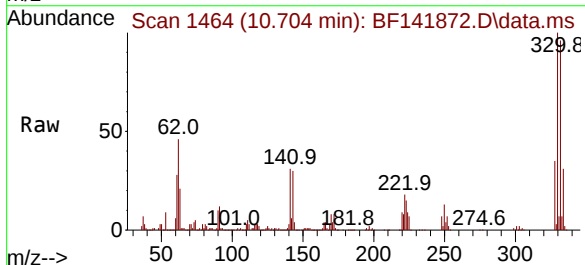
Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-01-COMP-022825

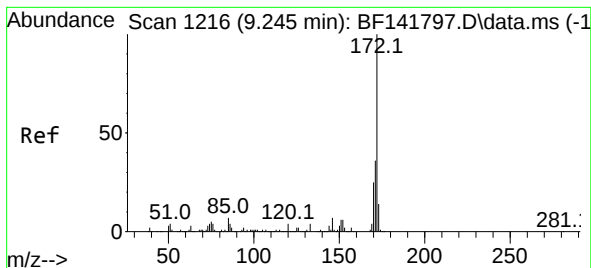
Tgt Ion:164 Resp: 323461
Ion Ratio Lower Upper
164 100
162 102.5 80.6 120.8
160 45.1 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 186.240 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF141872.D
Acq: 06 Mar 2025 16:59

Tgt Ion:330 Resp: 565557
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 31.5 29.0 43.4





#45

2-Fluorobiphenyl

Concen: 101.574 ng

RT: 9.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141872.D

Acq: 06 Mar 2025 16:59

Instrument :

BNA_F

ClientSampleId :

IDW-AQ-IW-01-COMP-022825

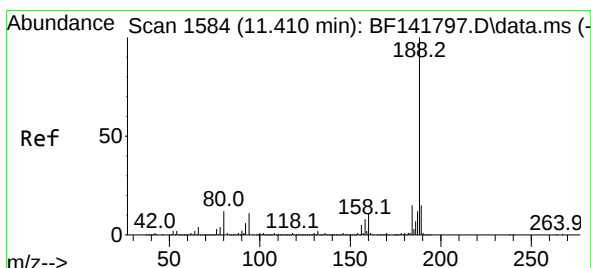
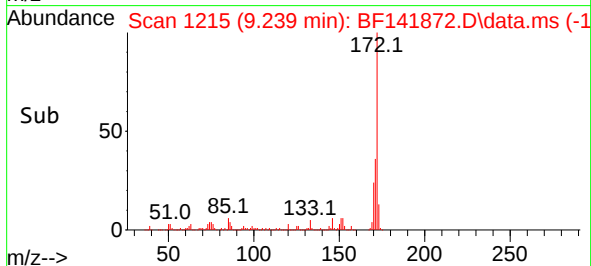
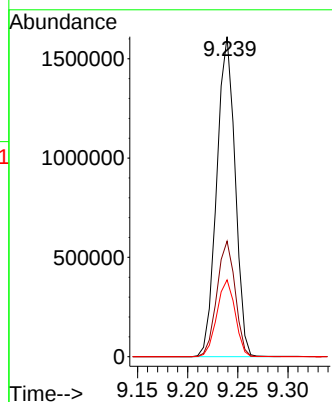
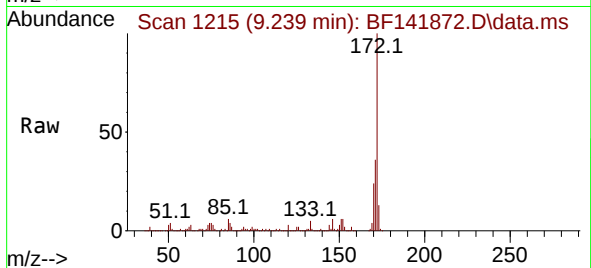
Tgt Ion:172 Resp: 2049037

Ion Ratio Lower Upper

172 100

171 36.1 29.2 43.8

170 24.0 19.7 29.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF141872.D

Acq: 06 Mar 2025 16:59

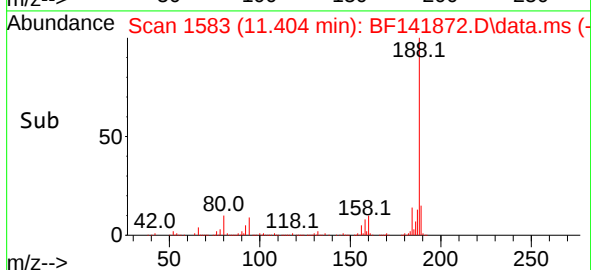
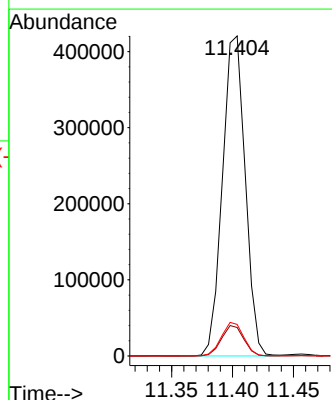
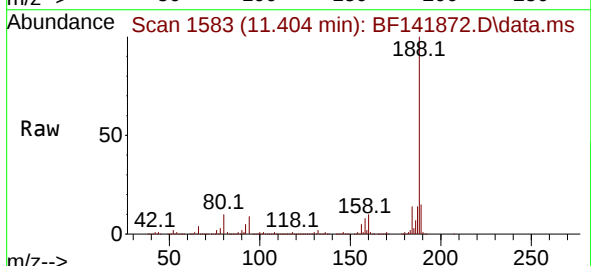
Tgt Ion:188 Resp: 547761

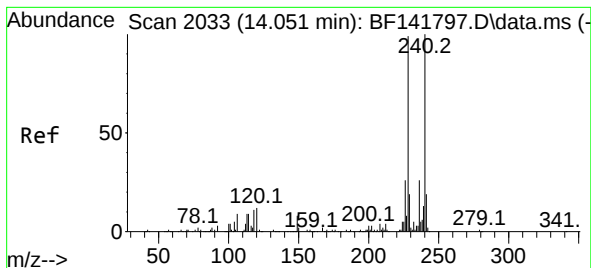
Ion Ratio Lower Upper

188 100

94 8.9 8.9 13.3

80 9.9 9.7 14.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF141872.D

Acq: 06 Mar 2025 16:59

Instrument :

BNA_F

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IDW-AQ-IW-01-COMP-022825

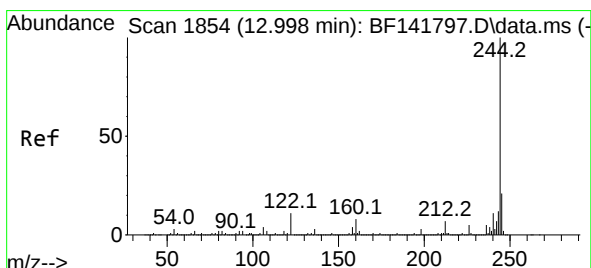
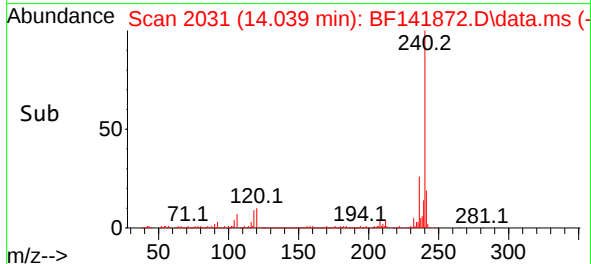
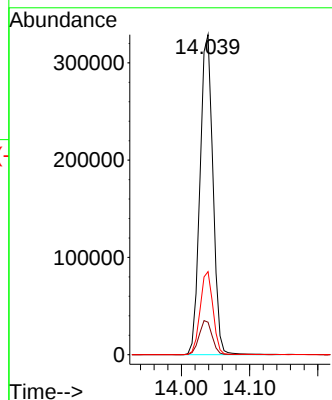
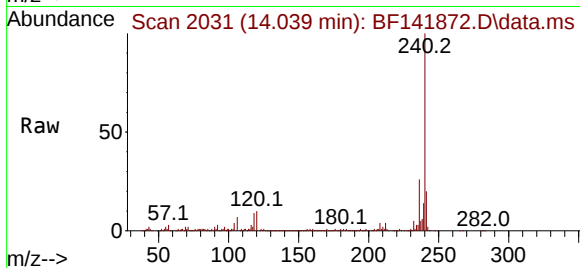
Tgt Ion:240 Resp: 434019

Ion Ratio Lower Upper

240 100

120 10.1 9.7 14.5

236 25.9 21.0 31.4



#79

Terphenyl-d14

Concen: 89.639 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.012 min

Lab File: BF141872.D

Acq: 06 Mar 2025 16:59

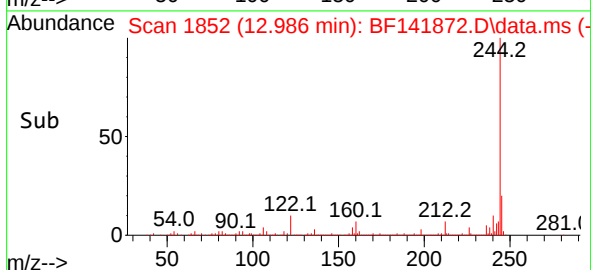
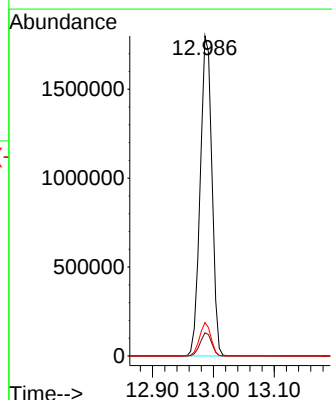
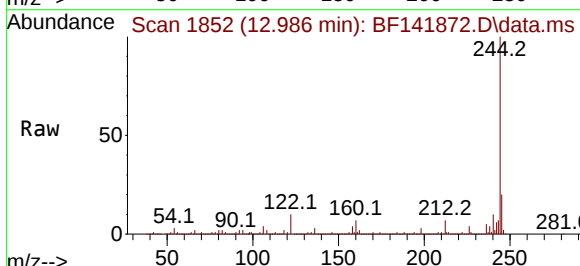
Tgt Ion:244 Resp: 2404636

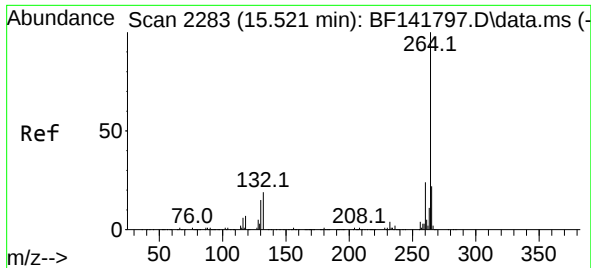
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

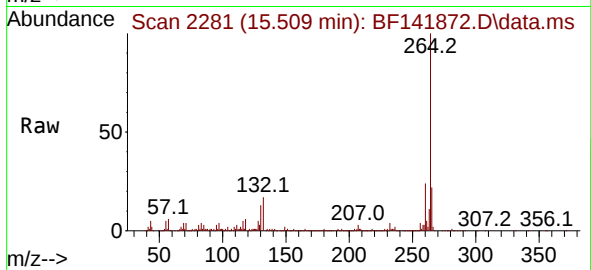
122 10.4 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141872.D
Acq: 06 Mar 2025 16:59

Instrument :
BNA_F
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Tgt Ion:264 Resp: 452777
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 21.6 17.4 26.0

