

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142887.D
 Acq On : 27 Jun 2025 12:21
 Operator : RC/JU
 Sample : Q2425-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Jun 27 13:00:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69223	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	263260	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	135660	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	203415	20.000	ng	0.00
76) Chrysene-d12	14.051	240	149806	20.000	ng	0.00
86) Perylene-d12	15.545	264	148502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	536065	128.932	ng	0.00
7) Phenol-d6	6.510	99	653039	133.129	ng	0.00
23) Nitrobenzene-d5	7.439	82	401580	83.670	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	172948	123.885	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	825191	79.908	ng	0.00
79) Terphenyl-d14	12.998	244	686306	63.300	ng	0.00

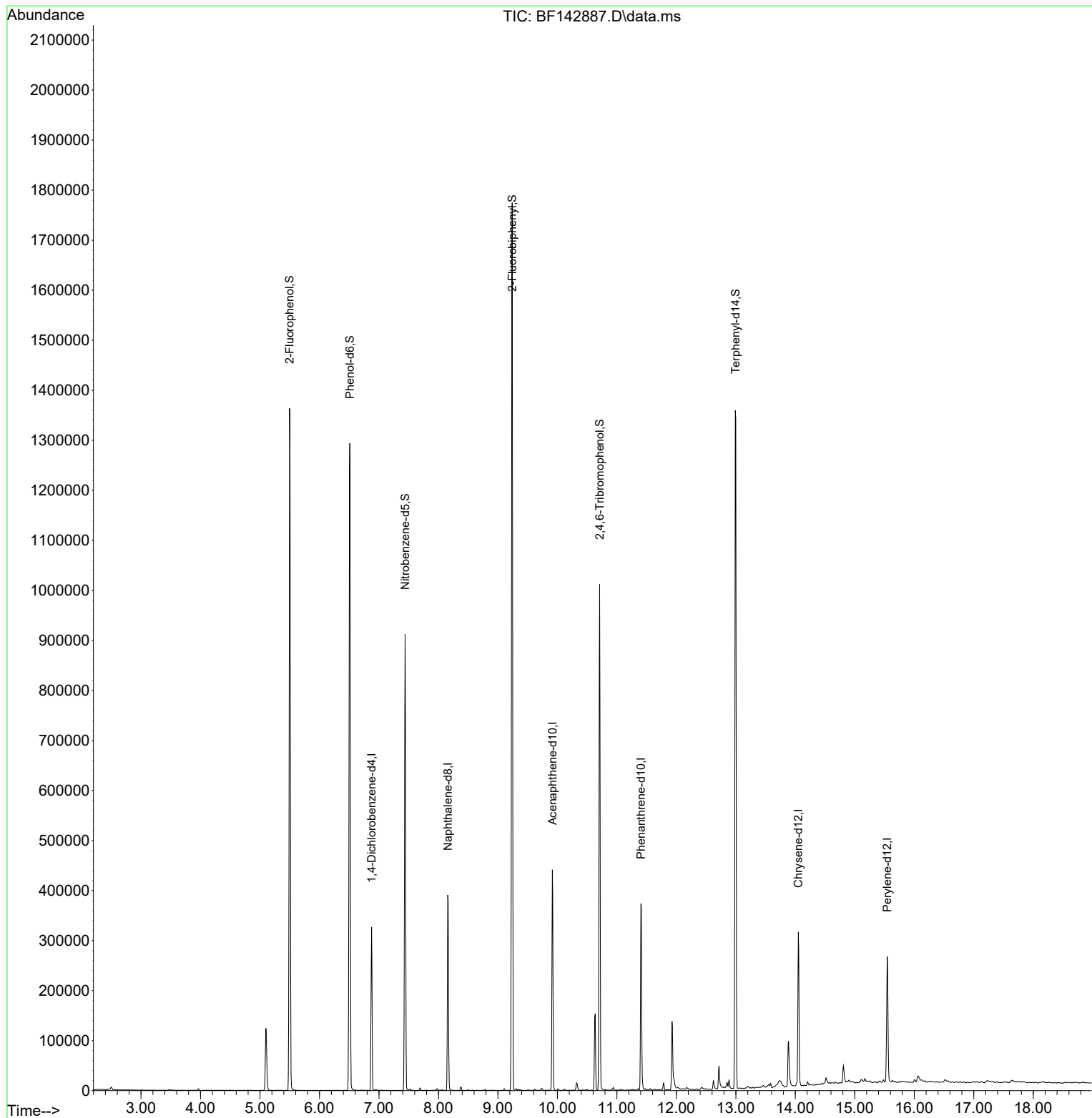
Target Compounds	Qvalue

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

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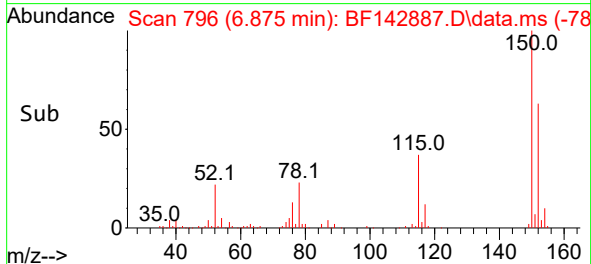
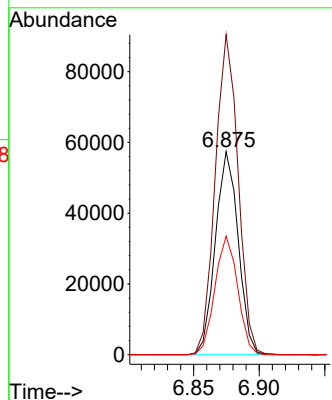
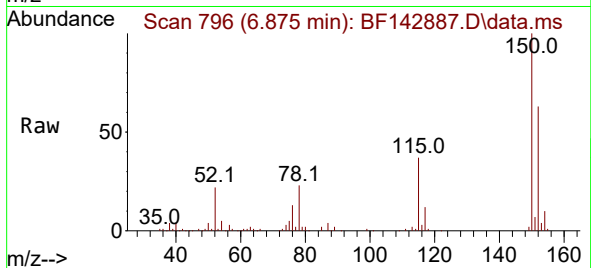




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

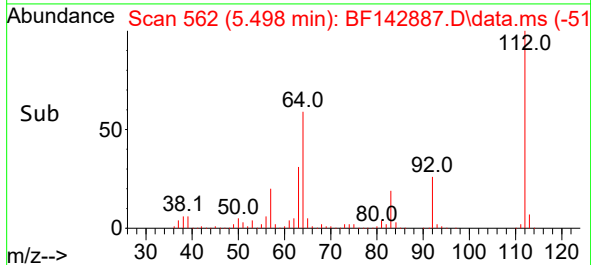
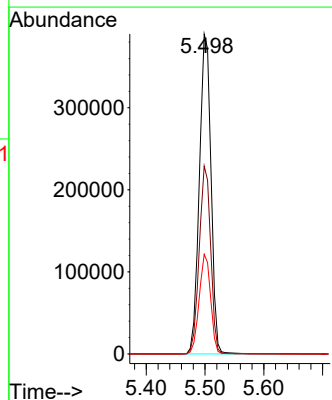
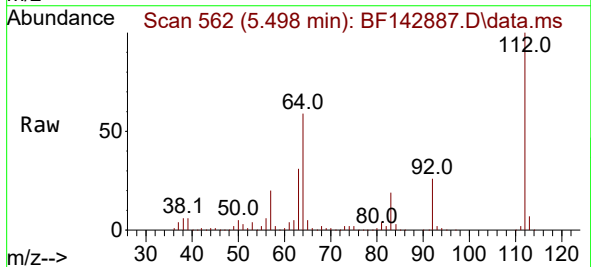
Instrument :
BNA_F
ClientSampleId :
COMP-2

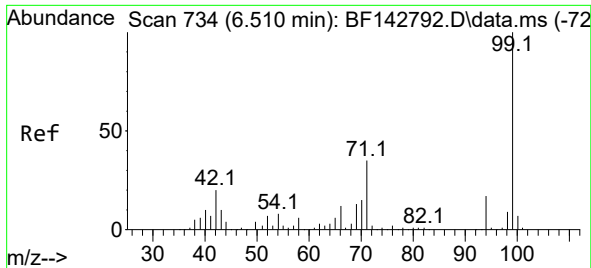
Tgt Ion:152 Resp: 69223
Ion Ratio Lower Upper
152 100
150 157.6 127.2 190.8
115 58.4 46.6 69.8



#5
2-Fluorophenol
Concen: 128.932 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

Tgt Ion:112 Resp: 536065
Ion Ratio Lower Upper
112 100
64 58.8 48.2 72.2
63 31.2 25.7 38.5

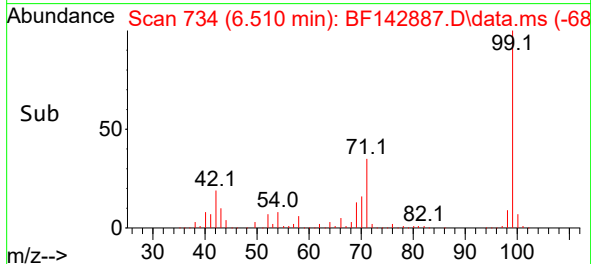
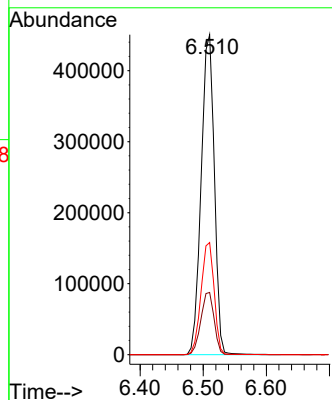
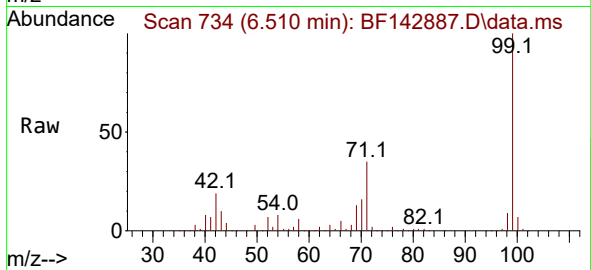




#7
Phenol-d6
Concen: 133.129 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

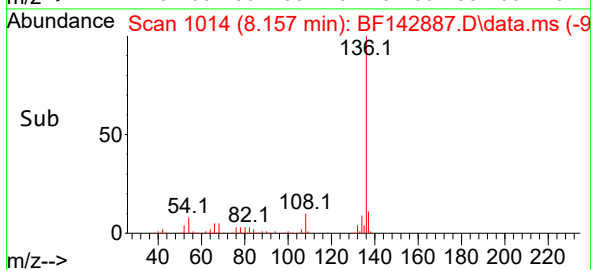
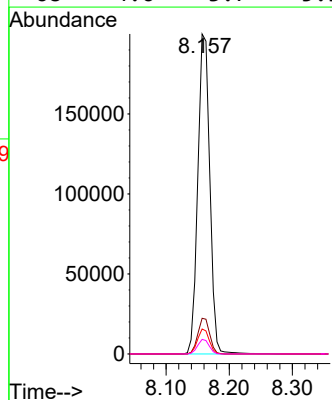
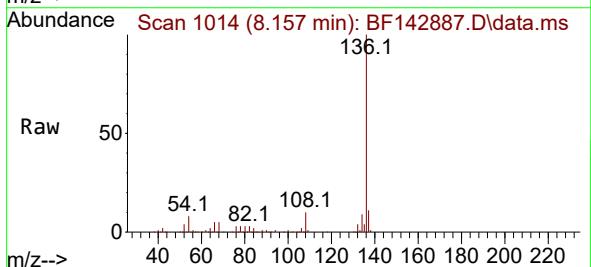
Instrument :
BNA_F
ClientSampleId :
COMP-2

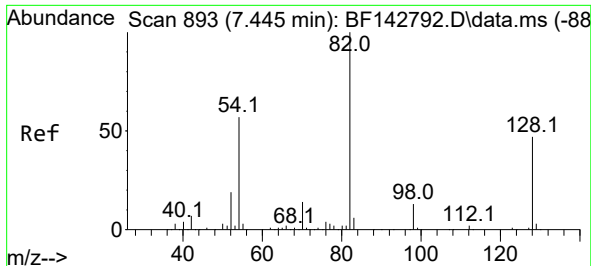
Tgt Ion: 99 Resp: 653039
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 35.0 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

Tgt Ion:136 Resp: 263260
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.8 6.3 9.5
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 83.670 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142887.D

Acq: 27 Jun 2025 12:21

Instrument :

BNA_F

ClientSampleId :

COMP-2

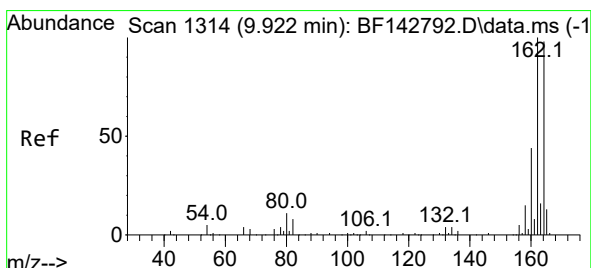
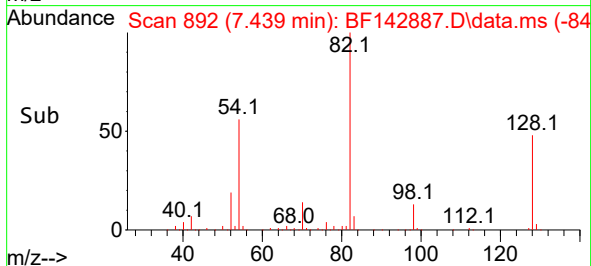
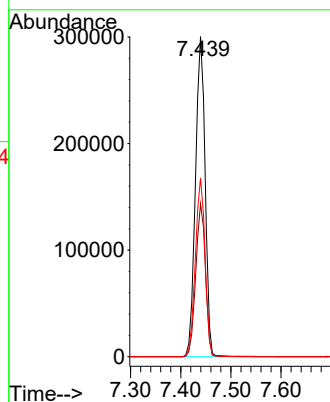
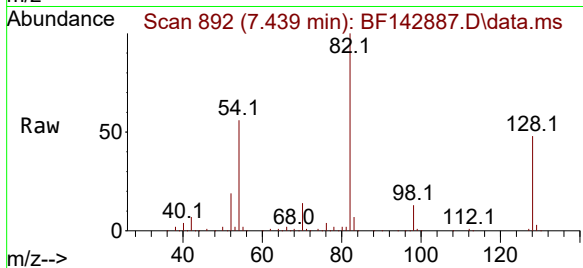
Tgt Ion: 82 Resp: 401580

Ion Ratio Lower Upper

82 100

128 47.8 37.7 56.5

54 55.8 45.7 68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF142887.D

Acq: 27 Jun 2025 12:21

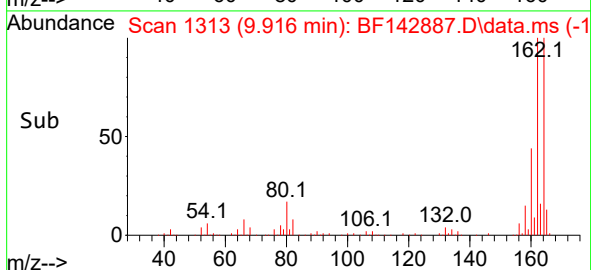
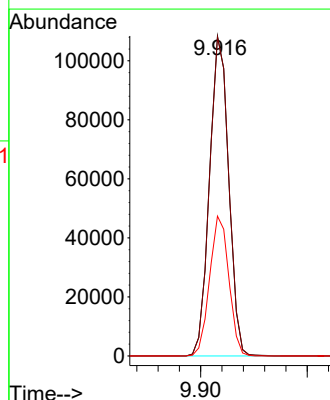
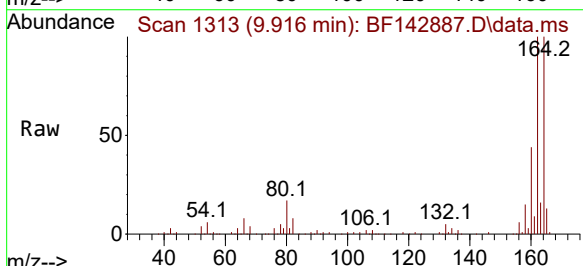
Tgt Ion:164 Resp: 135660

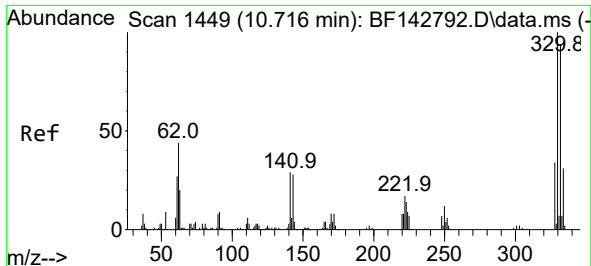
Ion Ratio Lower Upper

164 100

162 99.7 81.8 122.8

160 43.7 36.0 54.0

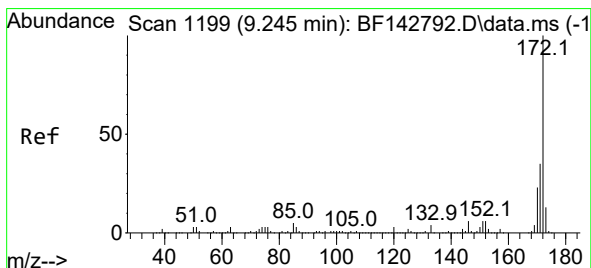
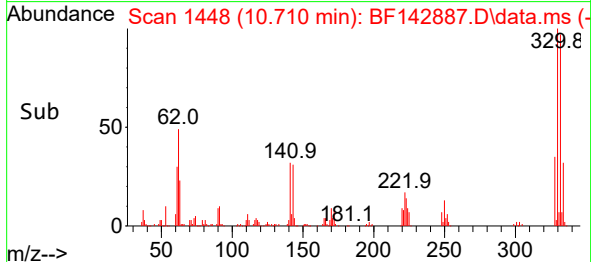
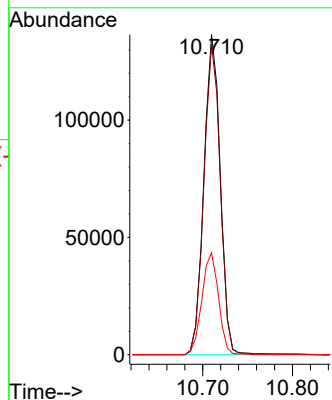
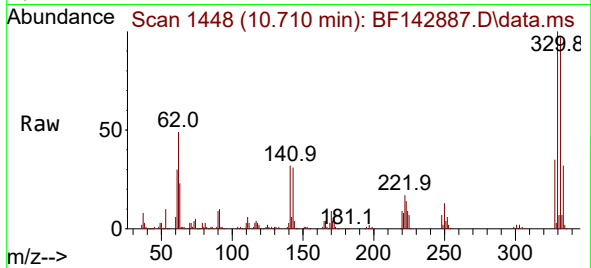




#42
2,4,6-Tribromophenol
Concen: 123.885 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

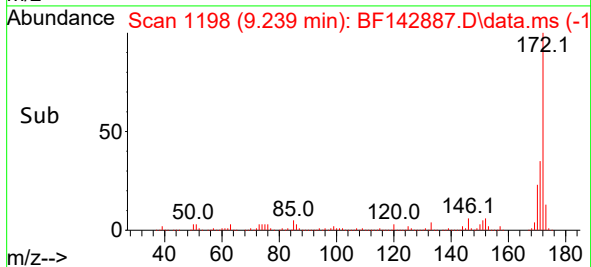
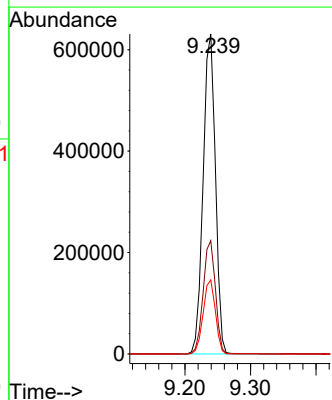
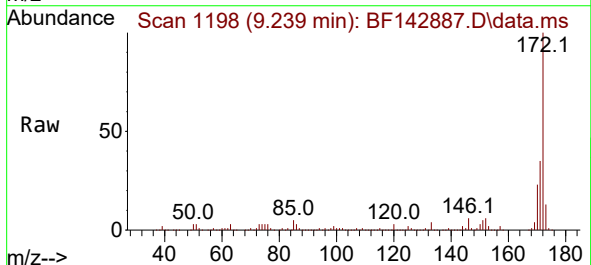
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Tgt Ion:330 Resp: 172948
Ion Ratio Lower Upper
330 100
332 97.4 75.0 112.6
141 32.2 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 79.908 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

Tgt Ion:172 Resp: 825191
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.1 18.5 27.7

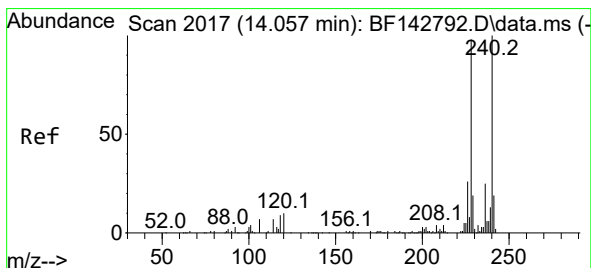
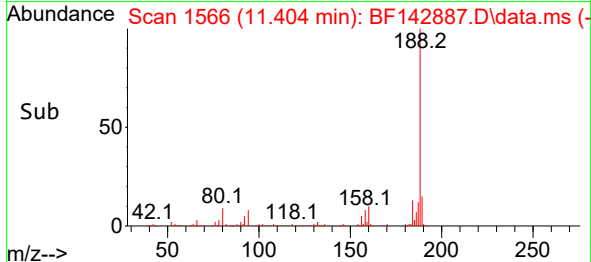
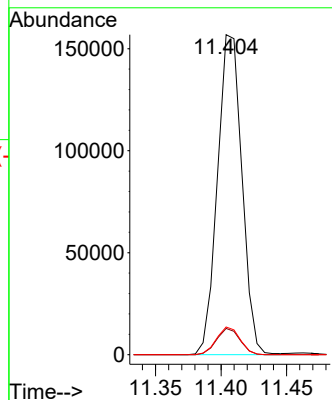
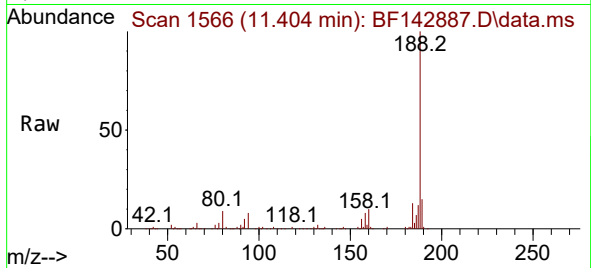




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

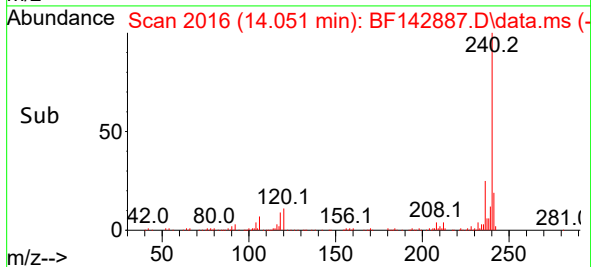
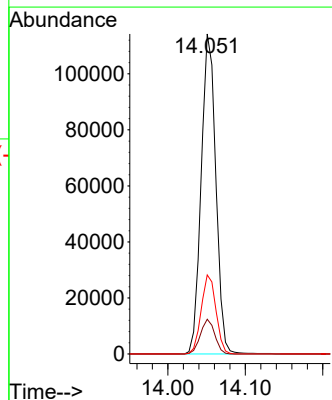
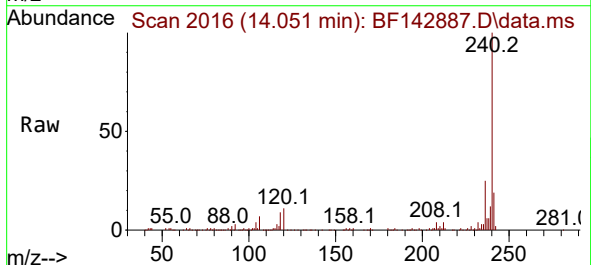
Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:188 Resp: 203415
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.6 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142887.D
Acq: 27 Jun 2025 12:21

Tgt Ion:240 Resp: 149806
Ion Ratio Lower Upper
240 100
120 10.8 8.2 12.2
236 24.7 19.8 29.8

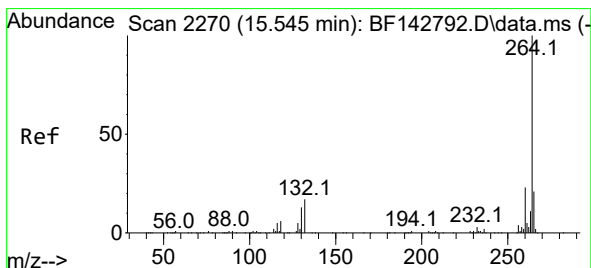
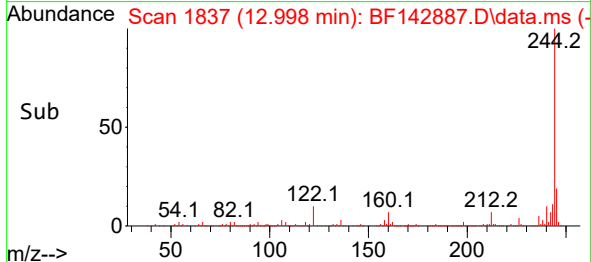
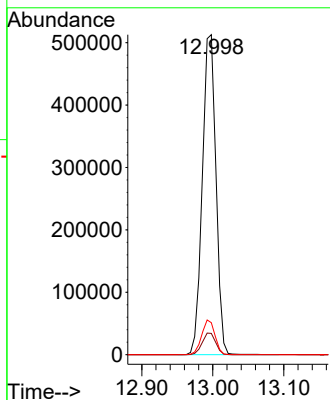
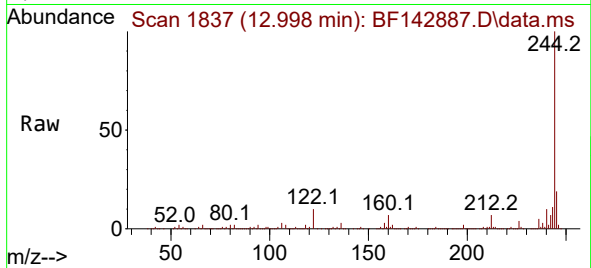




#79
 Terphenyl-d14
 Concen: 63.300 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF142887.D
 Acq: 27 Jun 2025 12:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Tgt Ion:244 Resp: 686306
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.0 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF142887.D
 Acq: 27 Jun 2025 12:21

Tgt Ion:264 Resp: 148502
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.1 27.1
 265 21.5 16.6 25.0

