

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142264.D
 Acq On : 01 May 2025 17:00
 Operator : RC/JU
 Sample : Q1903-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-6

Quant Time: May 01 18:07:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

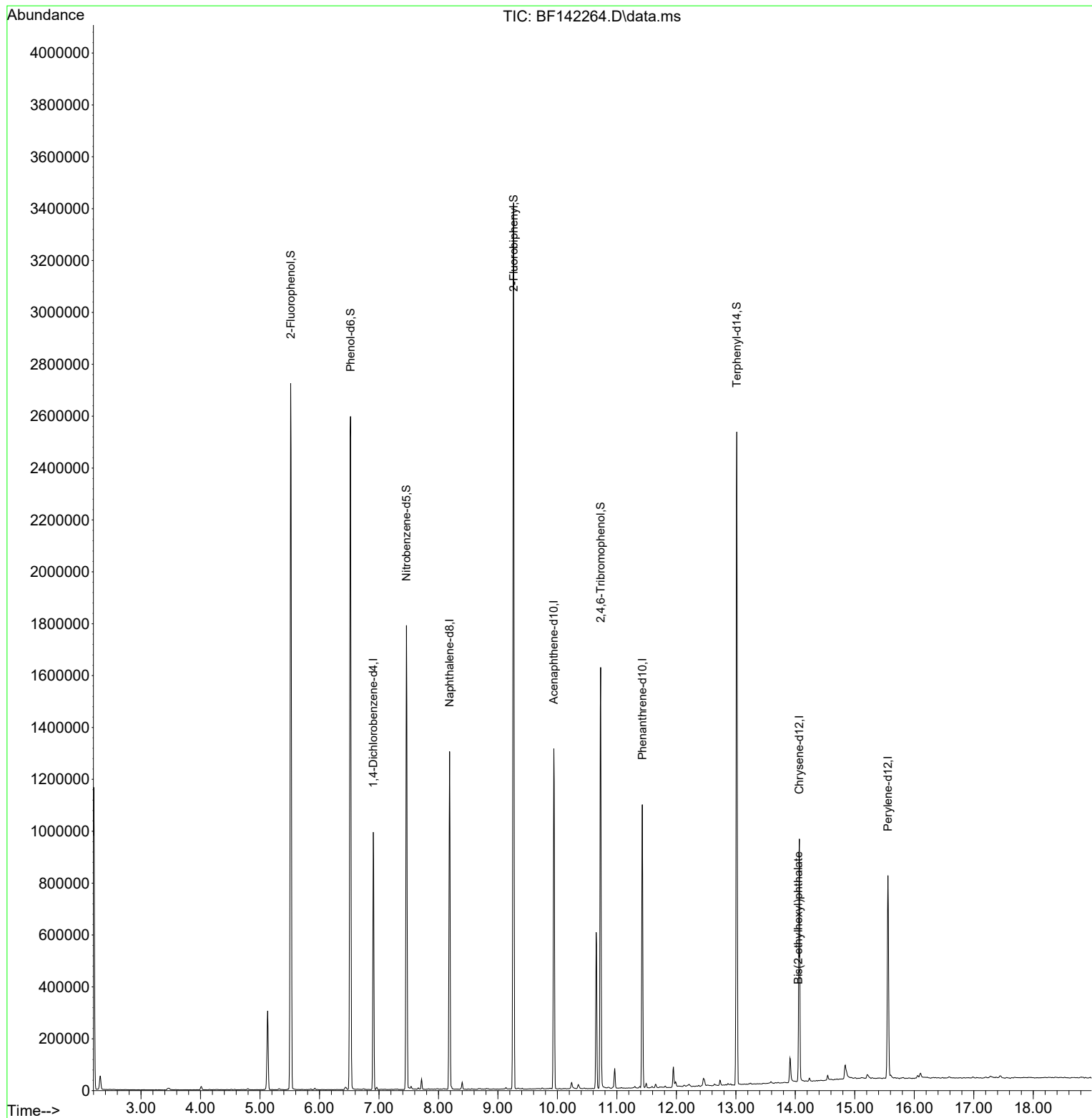
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	206274	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	784232	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	381114	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	529947	20.000	ng	0.00
76) Chrysene-d12	14.068	240	453109	20.000	ng	0.00
86) Perylene-d12	15.557	264	437720	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1023038	79.208	ng	0.00
7) Phenol-d6	6.522	99	1244951	79.821	ng	0.00
23) Nitrobenzene-d5	7.463	82	719697	60.291	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	266029	76.569	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1502671	55.593	ng	0.00
79) Terphenyl-d14	13.016	244	1201650	38.571	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.051	149	12211	4.170	ng	Qvalue 98

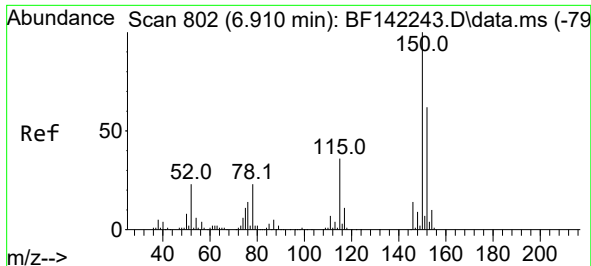
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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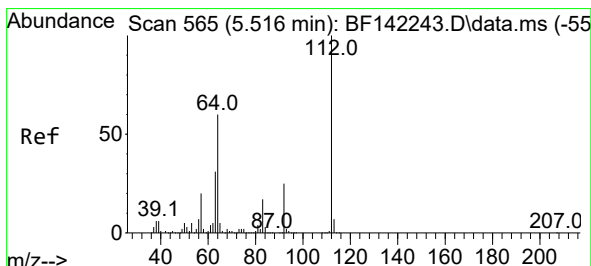
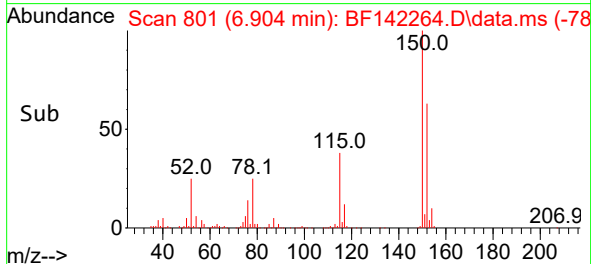
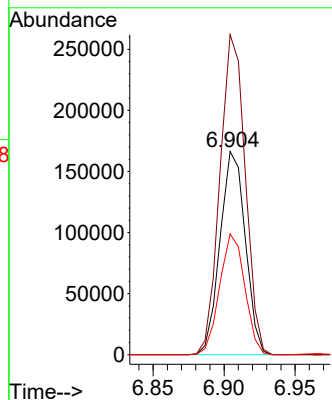
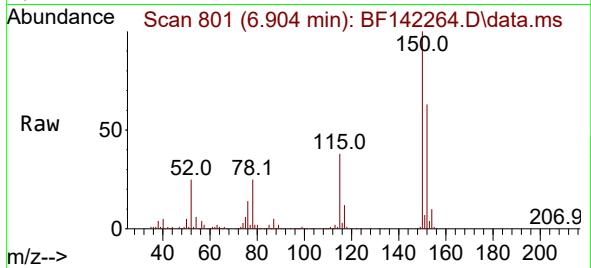




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF142264.D
Acq: 01 May 2025 17:00

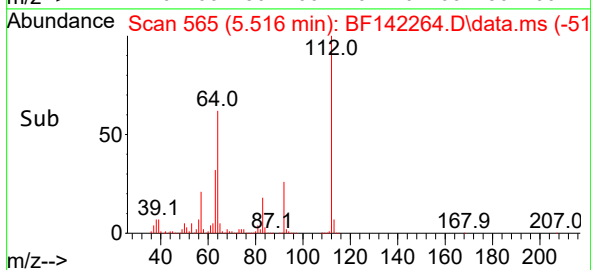
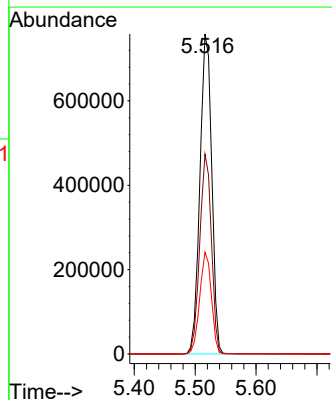
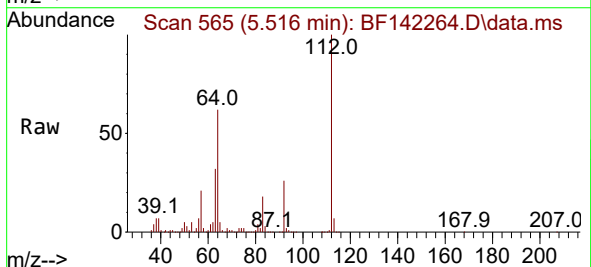
Instrument :
BNA_F
ClientSampleId :
COMP-6

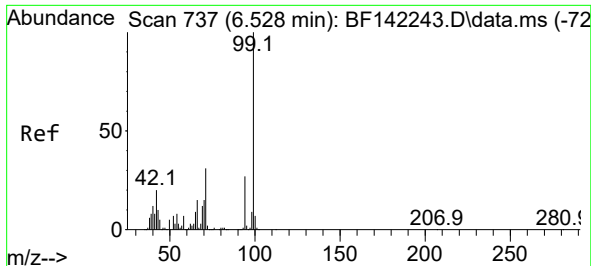
Tgt Ion:152 Resp: 206274
Ion Ratio Lower Upper
152 100
150 157.5 130.2 195.2
115 59.5 47.0 70.4



#5
2-Fluorophenol
Concen: 79.208 ng
RT: 5.516 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF142264.D
Acq: 01 May 2025 17:00

Tgt Ion:112 Resp: 1023038
Ion Ratio Lower Upper
112 100
64 62.5 48.4 72.6
63 31.8 24.8 37.2

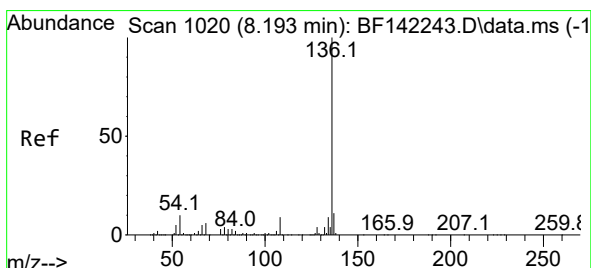
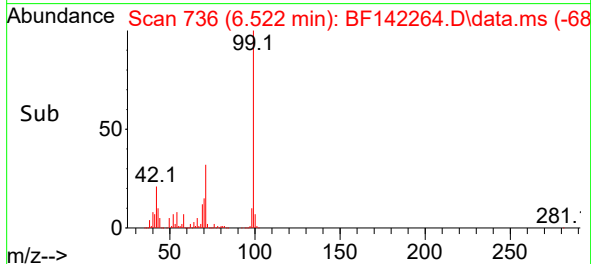
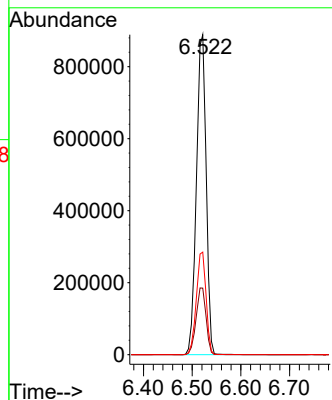
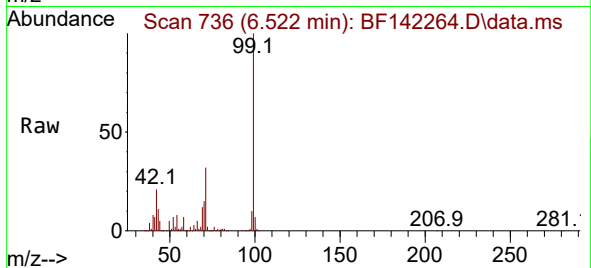




#7
Phenol-d6
Concen: 79.821 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142264.D
Acq: 01 May 2025 17:00

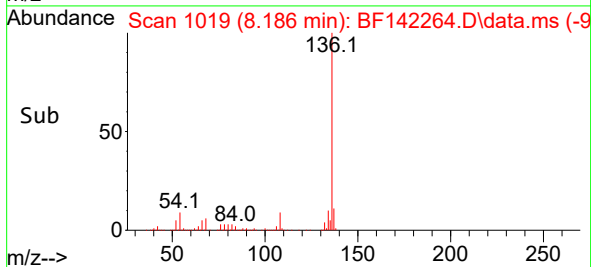
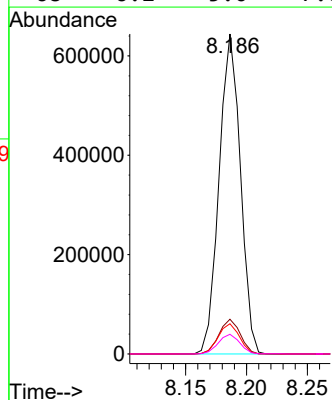
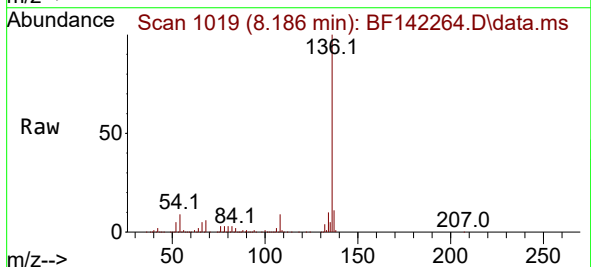
Instrument :
BNA_F
ClientSampleId :
COMP-6

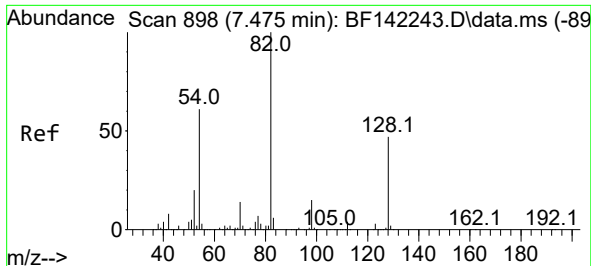
Tgt Ion: 99 Resp: 1244951
Ion Ratio Lower Upper
99 100
42 20.8 16.3 24.5
71 32.0 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142264.D
Acq: 01 May 2025 17:00

Tgt Ion:136 Resp: 784232
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.4 7.7 11.5
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 60.291 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142264.D

Acq: 01 May 2025 17:00

Instrument :

BNA_F

ClientSampleId :

COMP-6

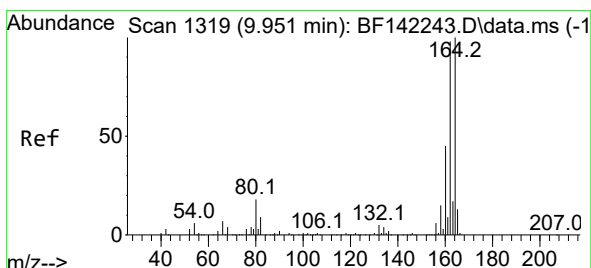
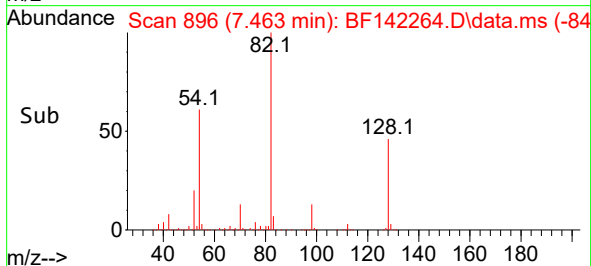
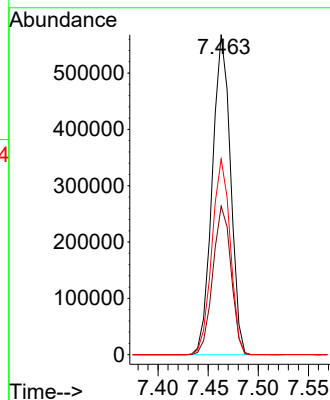
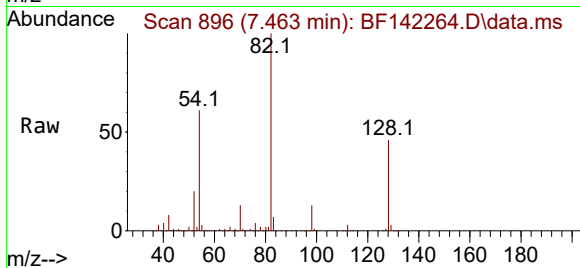
Tgt Ion: 82 Resp: 719697

Ion Ratio Lower Upper

82 100

128 46.4 37.0 55.6

54 61.1 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.012 min

Lab File: BF142264.D

Acq: 01 May 2025 17:00

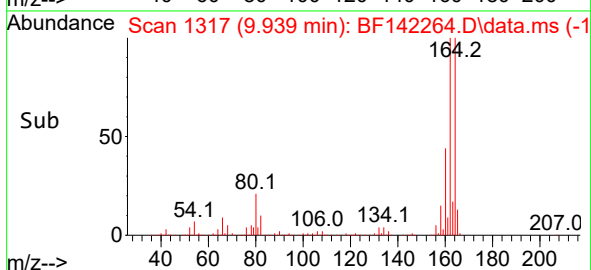
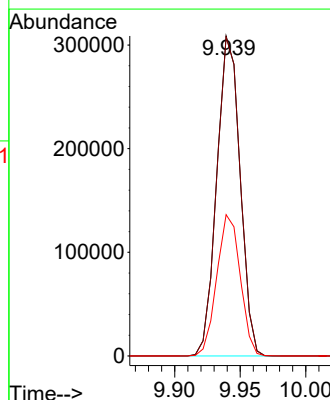
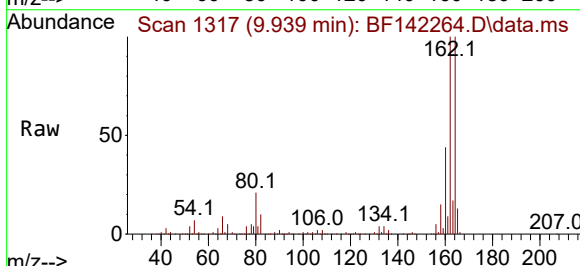
Tgt Ion:164 Resp: 381114

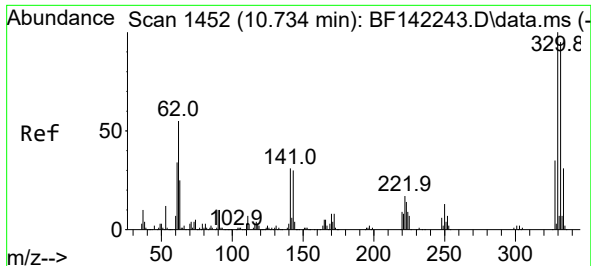
Ion Ratio Lower Upper

164 100

162 99.6 78.6 117.8

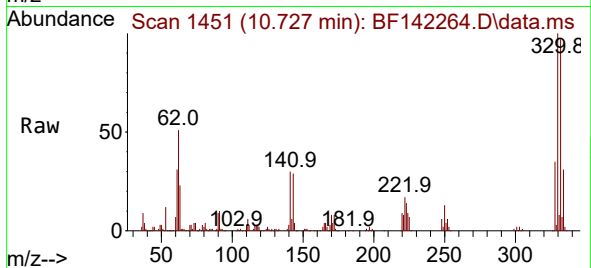
160 44.1 35.7 53.5



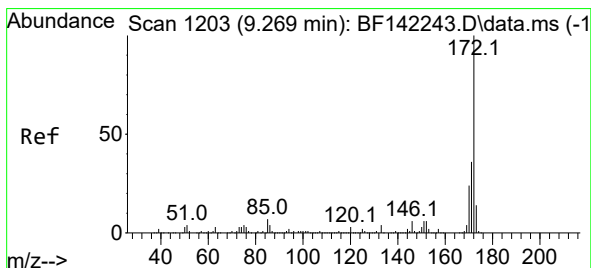
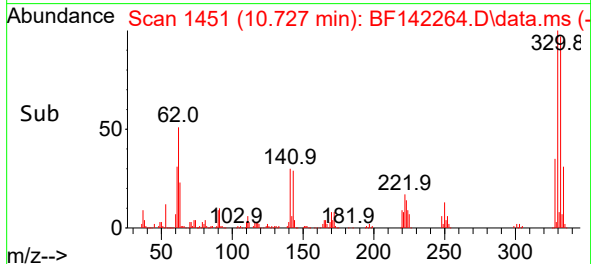
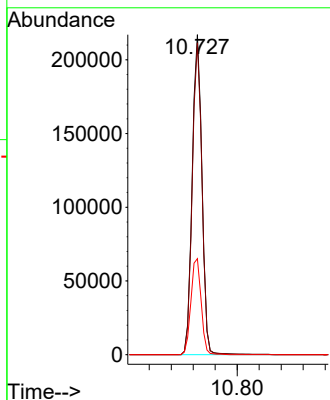


#42
2,4,6-Tribromophenol
Concen: 76.569 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142264.D
Acq: 01 May 2025 17:00

Instrument :
BNA_F
ClientSampleId :
COMP-6

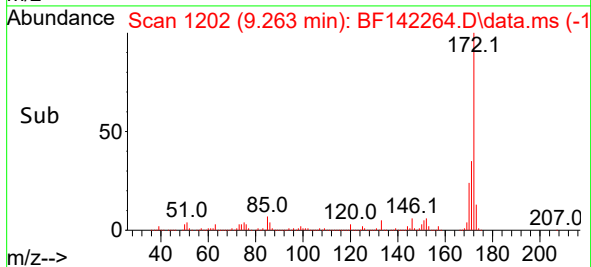
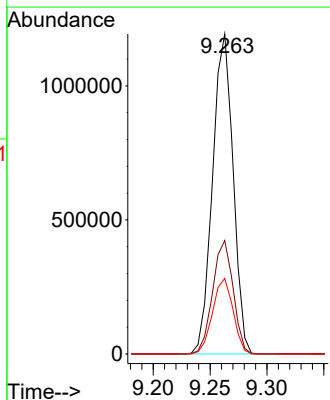
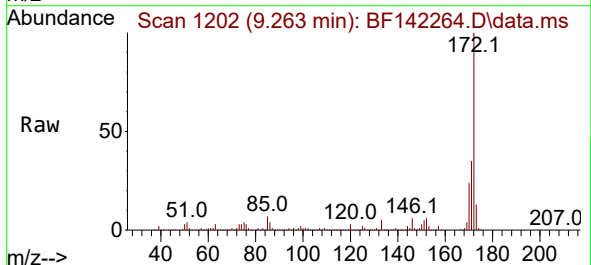


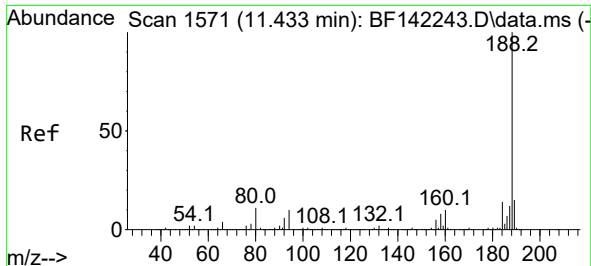
Tgt Ion: 330 Resp: 266029
Ion Ratio Lower Upper
330 100
332 97.1 76.5 114.7
141 31.6 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 55.593 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142264.D
Acq: 01 May 2025 17:00

Tgt Ion: 172 Resp: 1502671
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.4
170 23.6 19.4 29.0

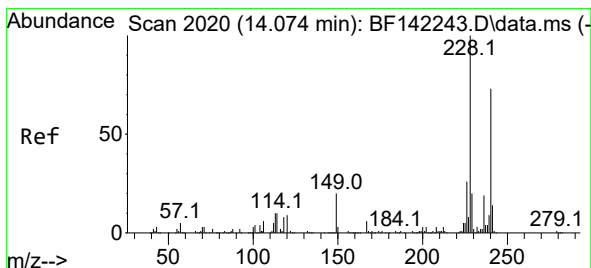
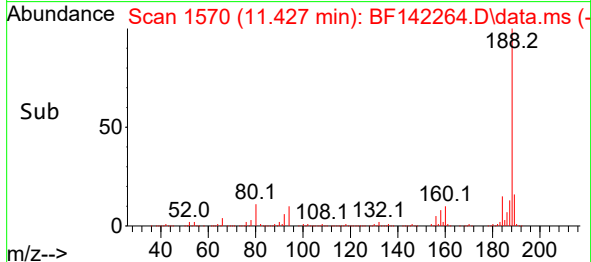
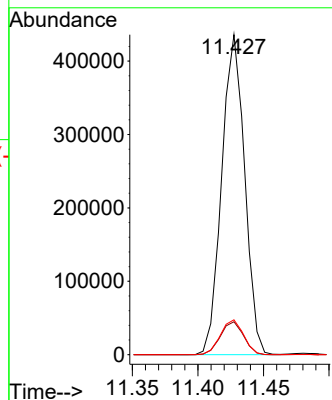
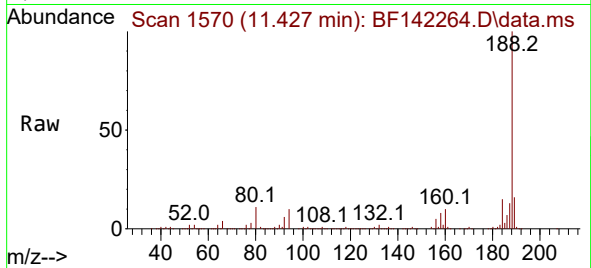




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142264.D
Acq: 01 May 2025 17:00

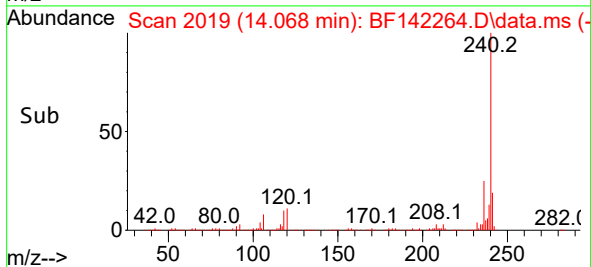
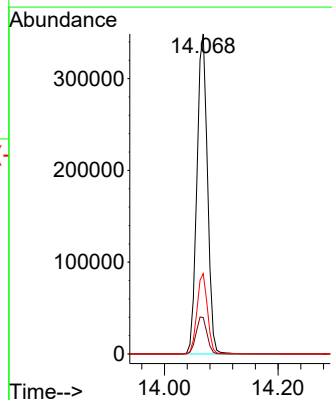
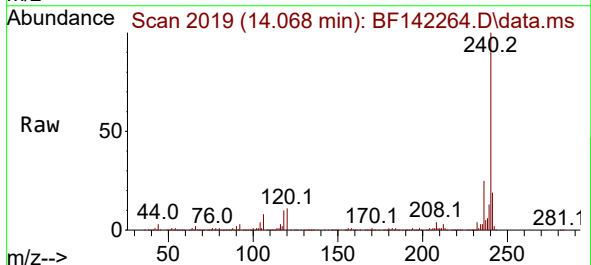
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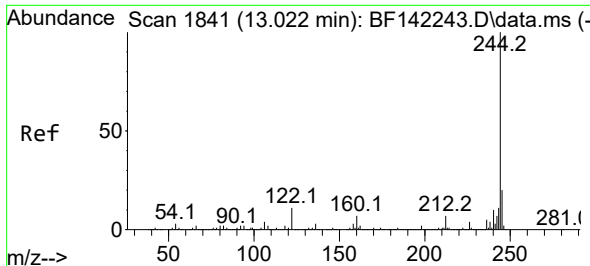
Tgt Ion:188 Resp: 529947
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 10.9 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142264.D
Acq: 01 May 2025 17:00

Tgt Ion:240 Resp: 453109
Ion Ratio Lower Upper
240 100
120 11.4 10.1 15.1
236 25.1 20.5 30.7

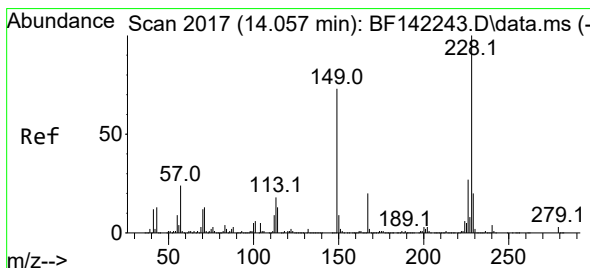
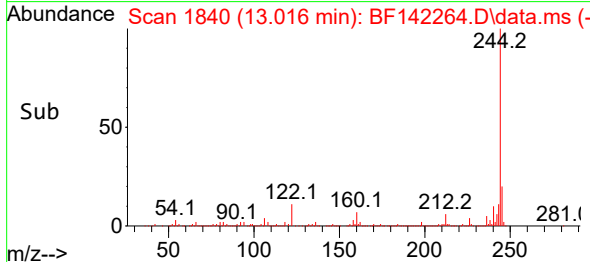
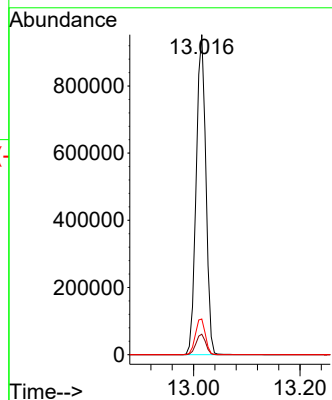
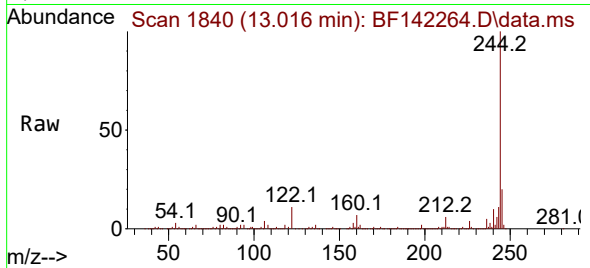




#79
 Terphenyl-d14
 Concen: 38.571 ng
 RT: 13.016 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF142264.D
 Acq: 01 May 2025 17:00

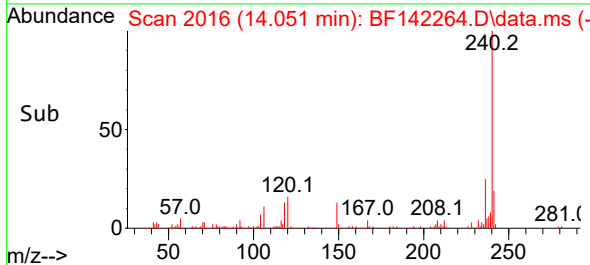
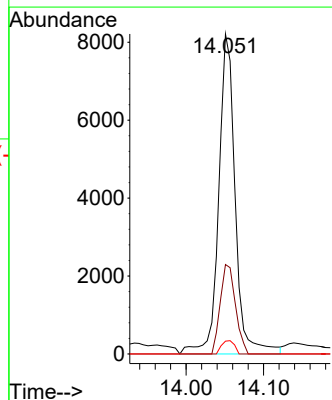
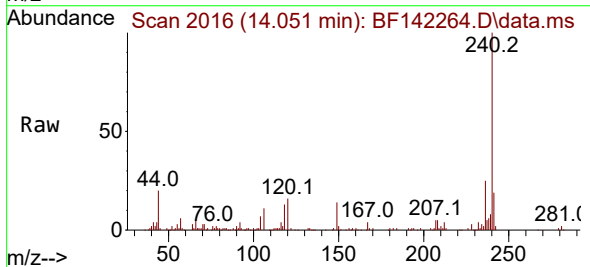
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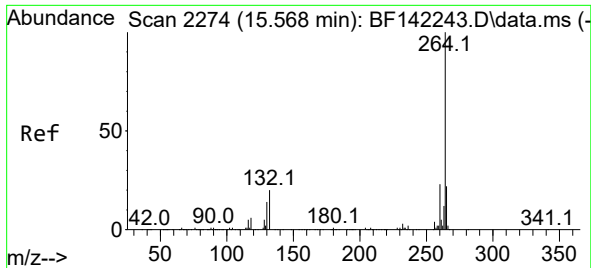
Tgt Ion:244 Resp: 1201650
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 11.1 9.1 13.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.170 ng
 RT: 14.051 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF142264.D
 Acq: 01 May 2025 17:00

Tgt Ion:149 Resp: 12211
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.7 32.5
 279 4.0 3.0 4.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF142264.D
 Acq: 01 May 2025 17:00

Instrument :
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 ClientSampleId :
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Tgt Ion:264 Resp: 437720
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.9 17.3 25.9

