

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142262.D
 Acq On : 01 May 2025 16:03
 Operator : RC/JU
 Sample : Q1903-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Quant Time: May 01 16:58:18 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)

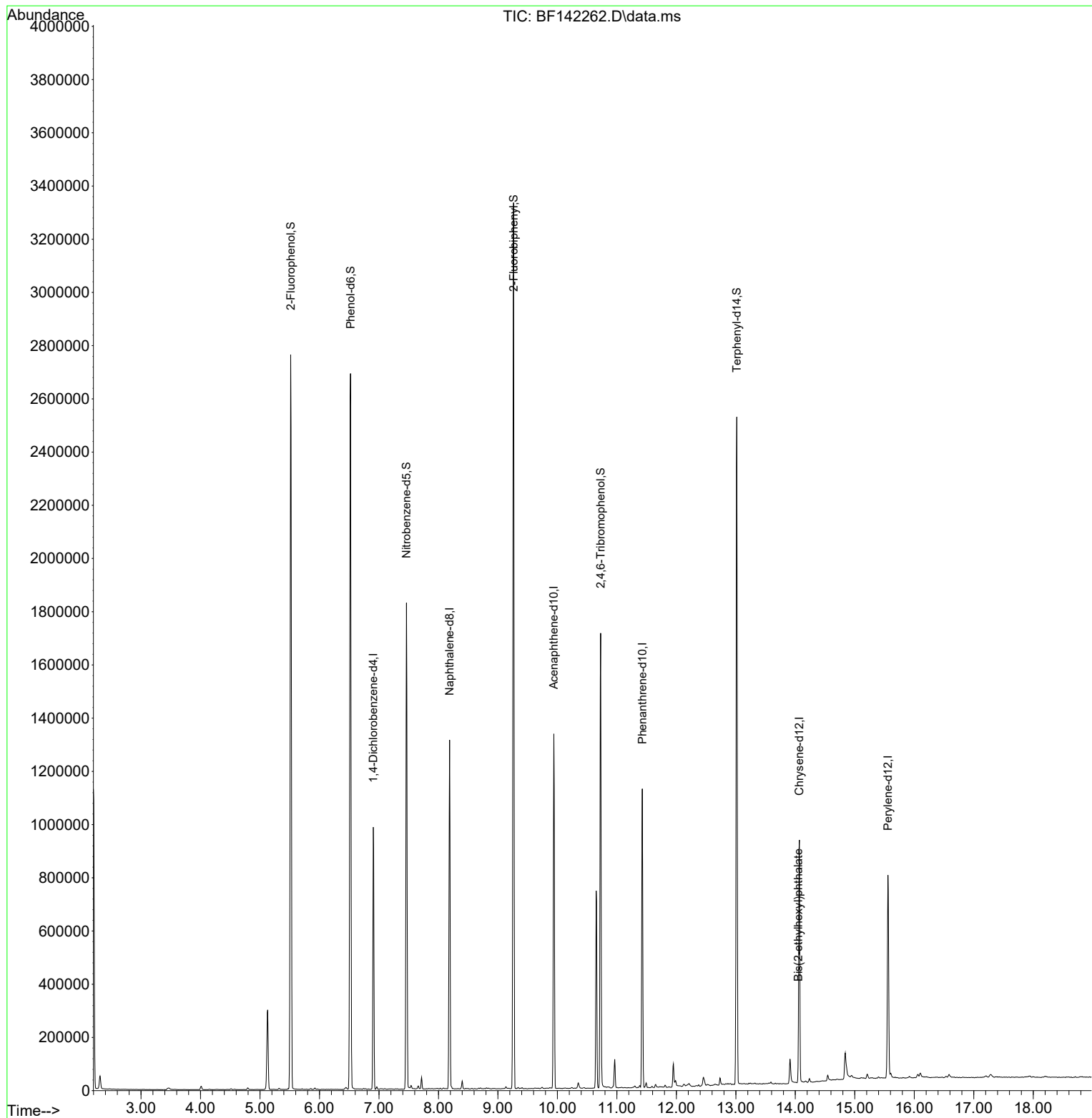
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	206685	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	782390	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	383432	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	552303	20.000	ng	0.00
76) Chrysene-d12	14.068	240	438090	20.000	ng	0.00
86) Perylene-d12	15.557	264	441251	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1037727	80.185	ng	0.00
7) Phenol-d6	6.522	99	1285233	82.240	ng	0.00
23) Nitrobenzene-d5	7.463	82	733013	61.551	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	280290	80.186	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1464008	53.835	ng	0.00
79) Terphenyl-d14	13.016	244	1207717	40.095	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.051	149	11440	4.148	ng	Qvalue 99

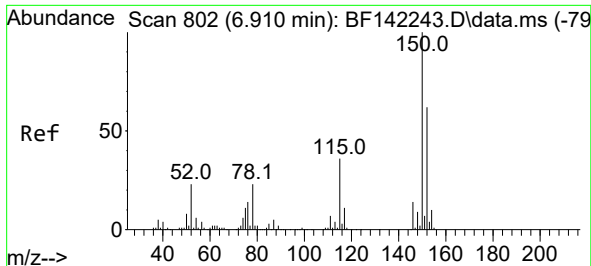
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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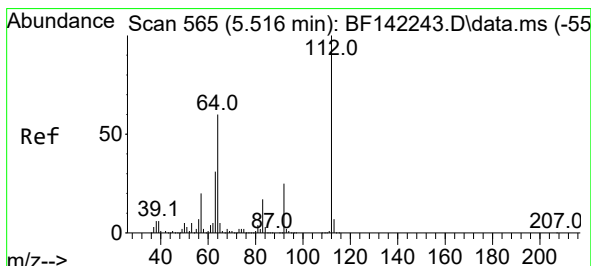
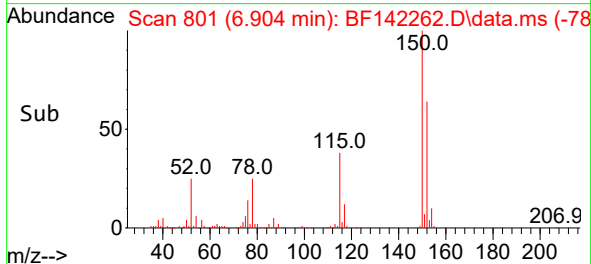
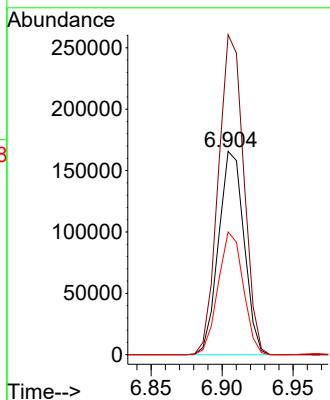
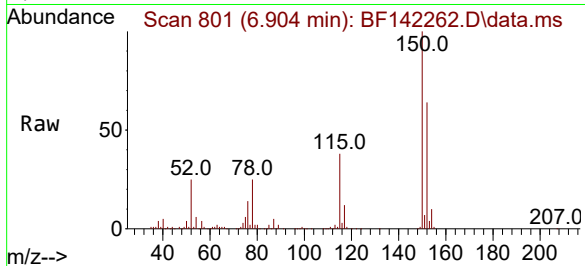




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF142262.D
 Acq: 01 May 2025 16:03

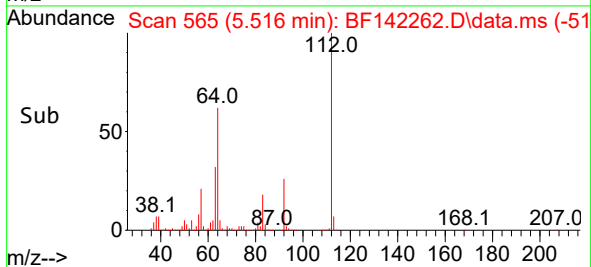
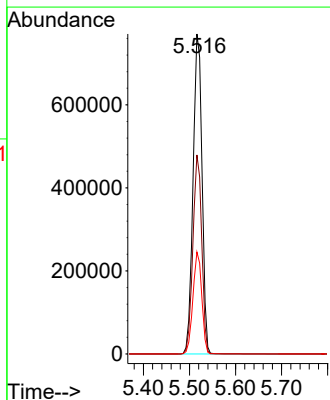
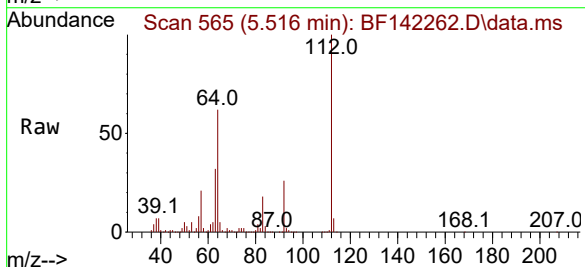
Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

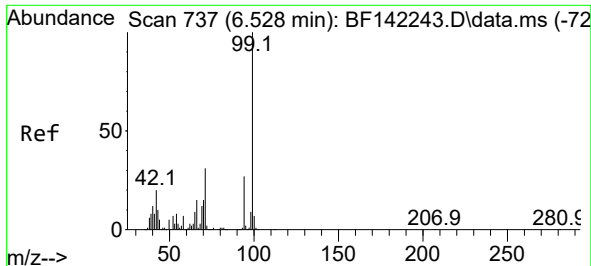
Tgt Ion:152 Resp: 206685
 Ion Ratio Lower Upper
 152 100
 150 157.4 130.2 195.2
 115 60.4 47.0 70.4



#5
 2-Fluorophenol
 Concen: 80.185 ng
 RT: 5.516 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: BF142262.D
 Acq: 01 May 2025 16:03

Tgt Ion:112 Resp: 1037727
 Ion Ratio Lower Upper
 112 100
 64 62.2 48.4 72.6
 63 31.8 24.8 37.2

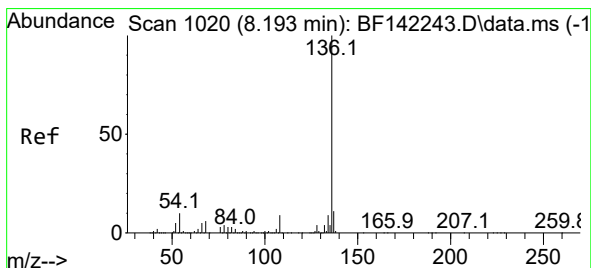
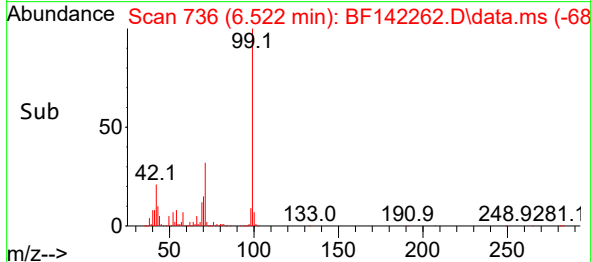
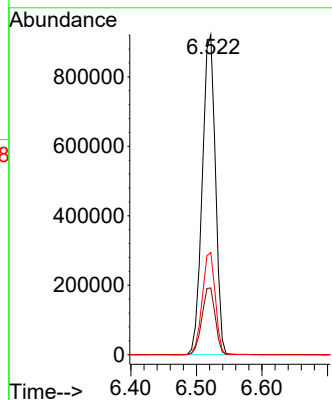
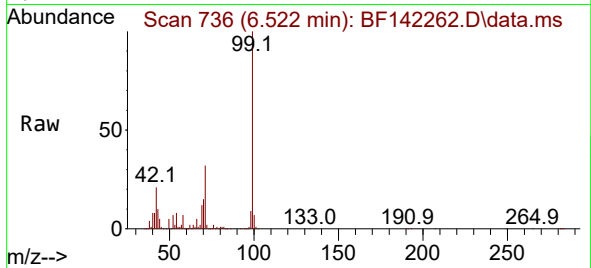




#7
Phenol-d6
Concen: 82.240 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142262.D
Acq: 01 May 2025 16:03

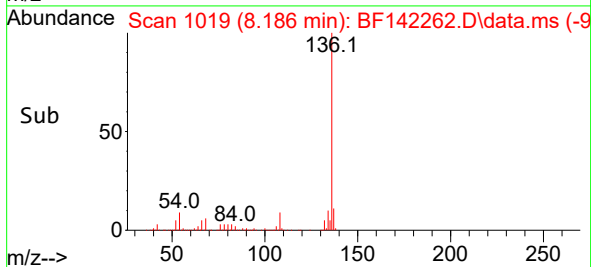
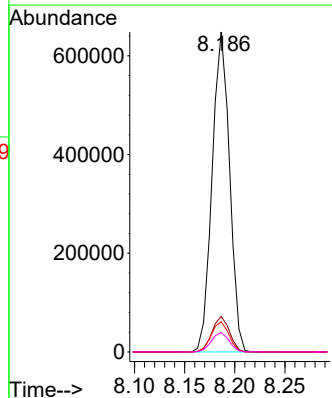
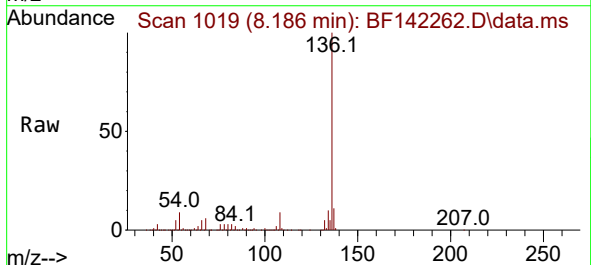
Instrument :
BNA_F
ClientSampleId :
COMP-4

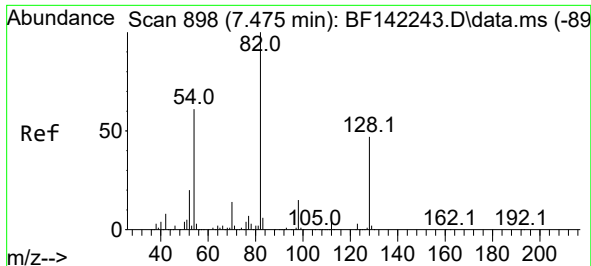
Tgt Ion: 99 Resp: 1285233
Ion Ratio Lower Upper
99 100
42 20.9 16.3 24.5
71 31.9 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142262.D
Acq: 01 May 2025 16:03

Tgt Ion: 136 Resp: 782390
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 9.5 7.7 11.5
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 61.551 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142262.D

Acq: 01 May 2025 16:03

Instrument :

BNA_F

ClientSampleId :

COMP-4

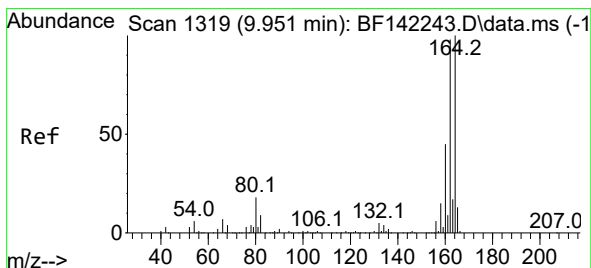
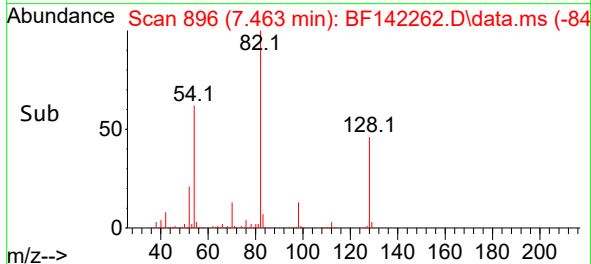
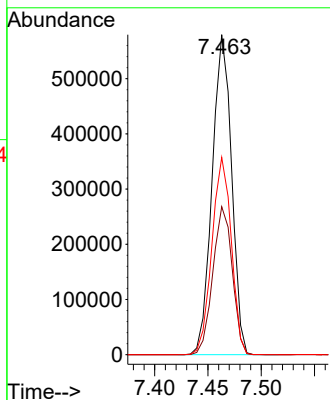
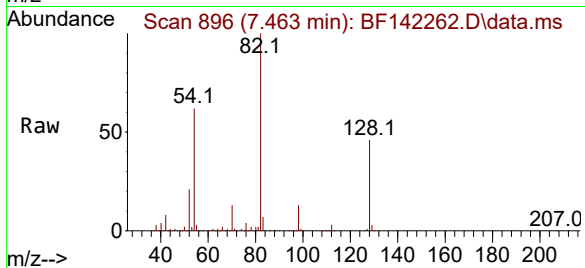
Tgt Ion: 82 Resp: 733013

Ion Ratio Lower Upper

82 100

128 46.3 37.0 55.6

54 61.6 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: BF142262.D

Acq: 01 May 2025 16:03

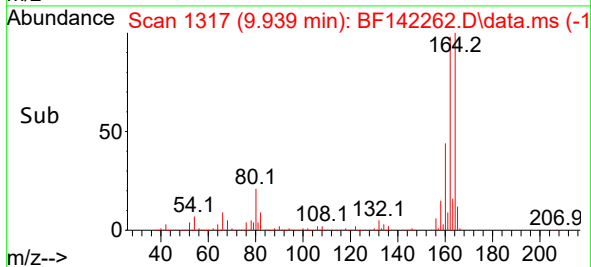
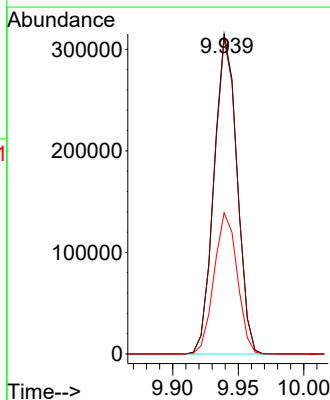
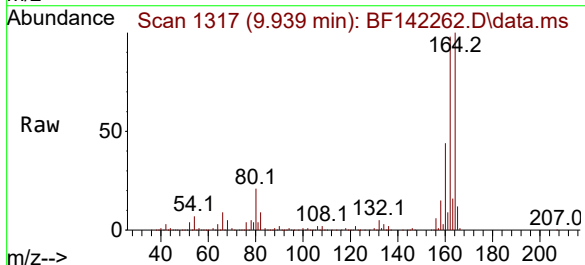
Tgt Ion:164 Resp: 383432

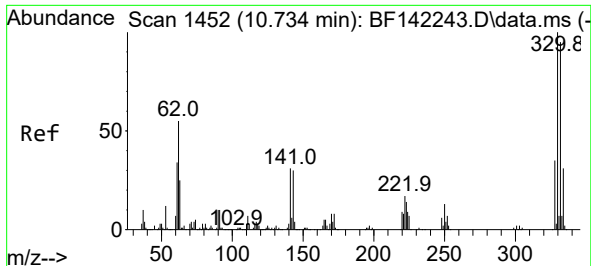
Ion Ratio Lower Upper

164 100

162 98.5 78.6 117.8

160 44.1 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 80.186 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142262.D

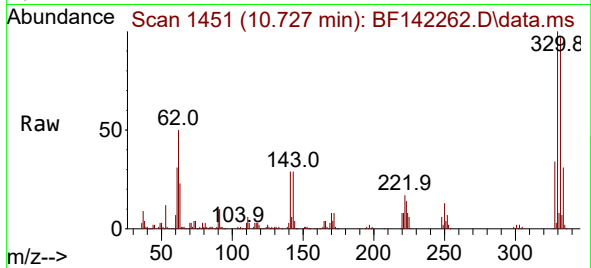
Acq: 01 May 2025 16:03

Instrument :

BNA_F

ClientSampleId :

COMP-4



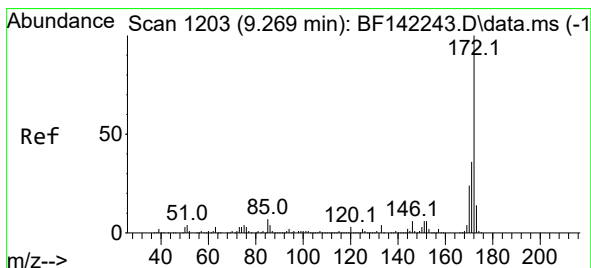
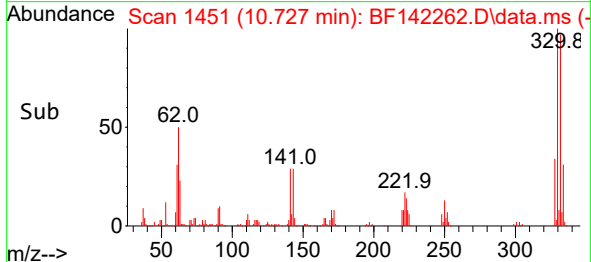
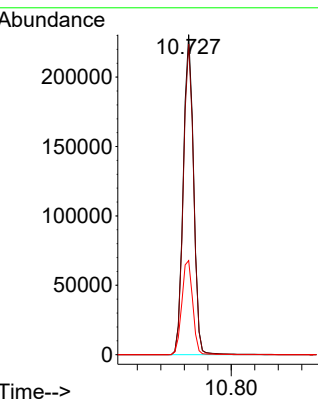
Tgt Ion:330 Resp: 280290

Ion Ratio Lower Upper

330 100

332 96.8 76.5 114.7

141 31.1 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 53.835 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142262.D

Acq: 01 May 2025 16:03

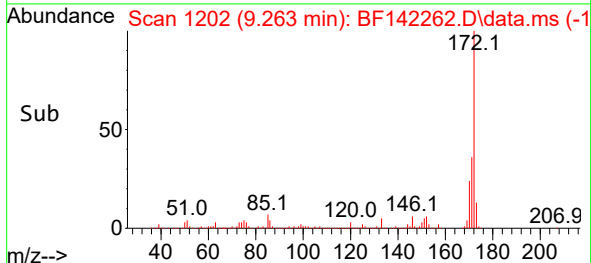
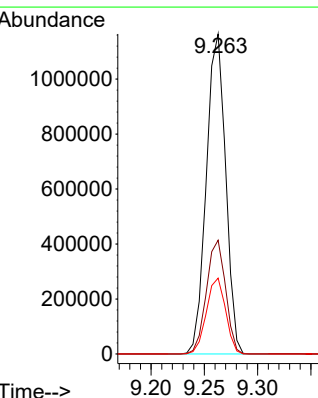
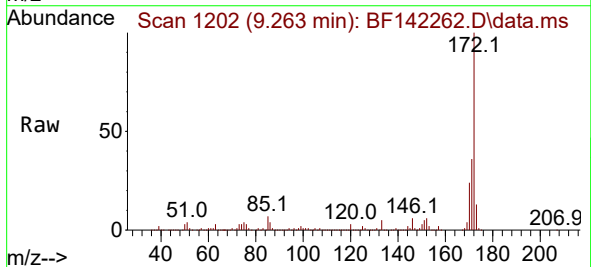
Tgt Ion:172 Resp: 1464008

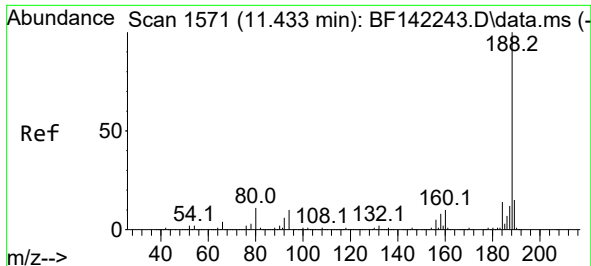
Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.4

170 23.7 19.4 29.0

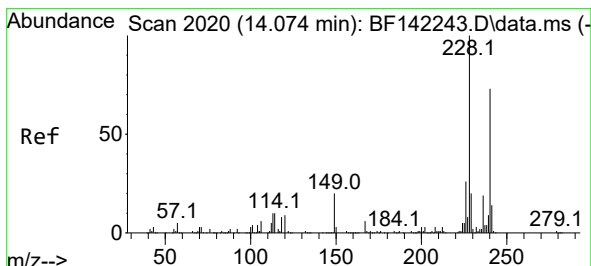
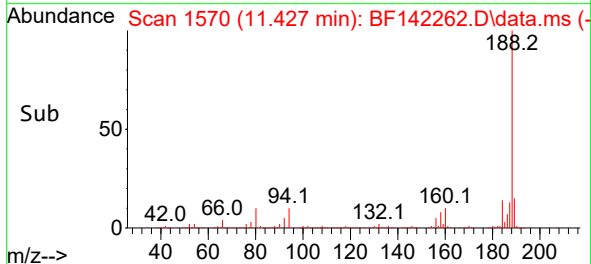
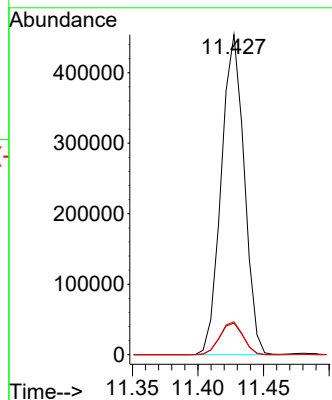
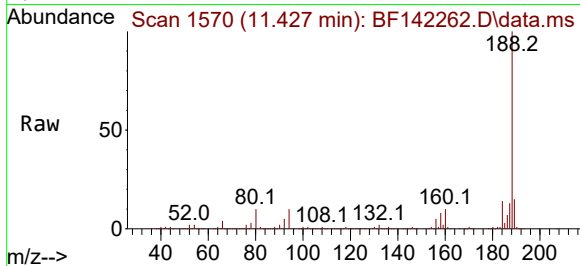




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142262.D
Acq: 01 May 2025 16:03

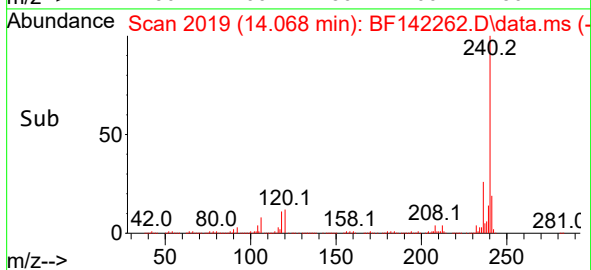
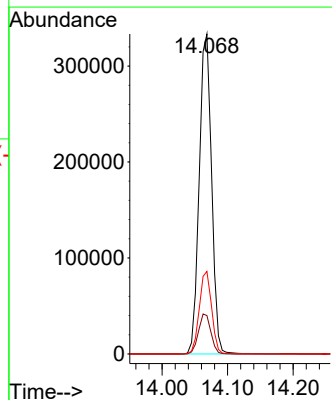
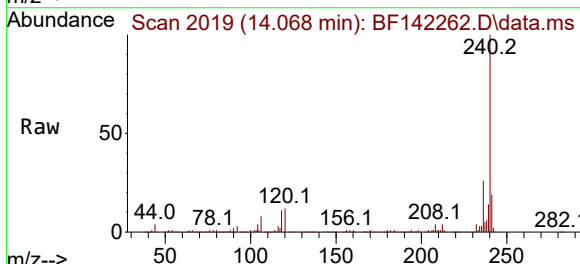
Instrument :
BNA_F
ClientSampleId :
COMP-4

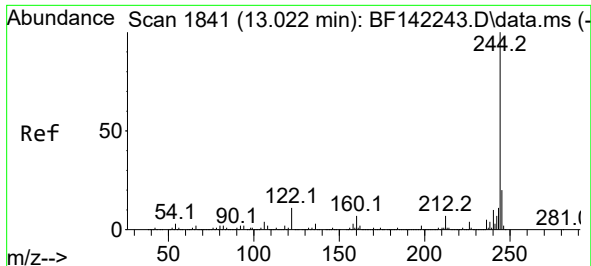
Tgt Ion:188 Resp: 552303
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.3 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142262.D
Acq: 01 May 2025 16:03

Tgt Ion:240 Resp: 438090
Ion Ratio Lower Upper
240 100
120 12.0 10.1 15.1
236 25.8 20.5 30.7

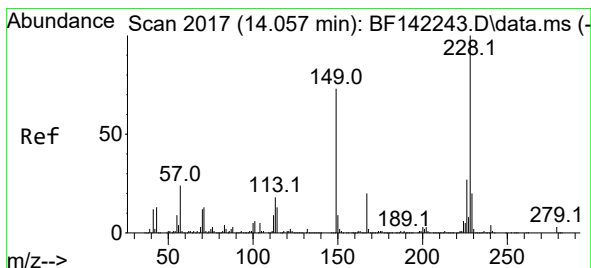
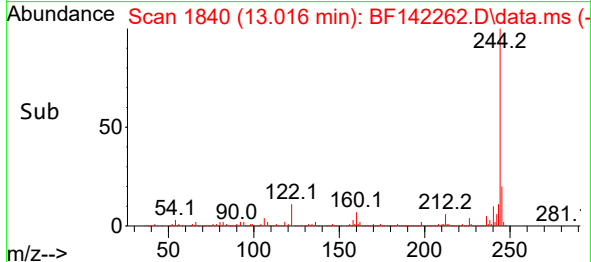
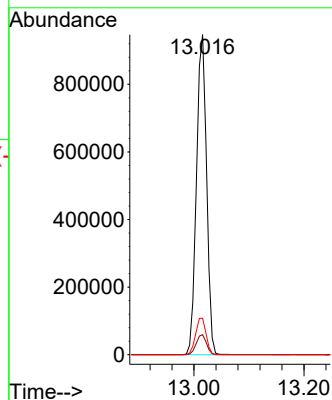
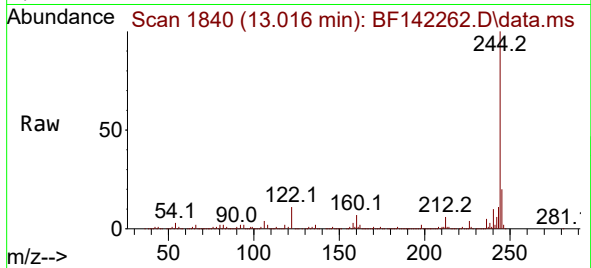




#79
 Terphenyl-d14
 Concen: 40.095 ng
 RT: 13.016 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF142262.D
 Acq: 01 May 2025 16:03

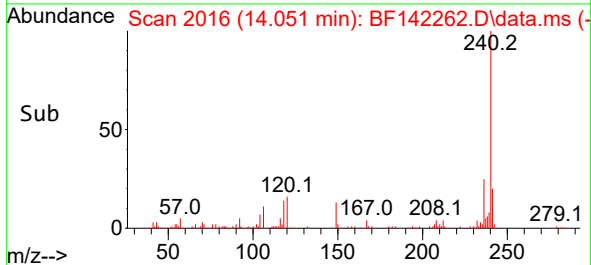
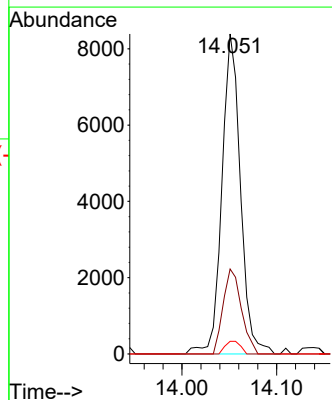
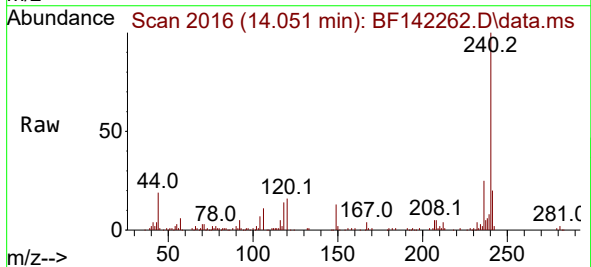
Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

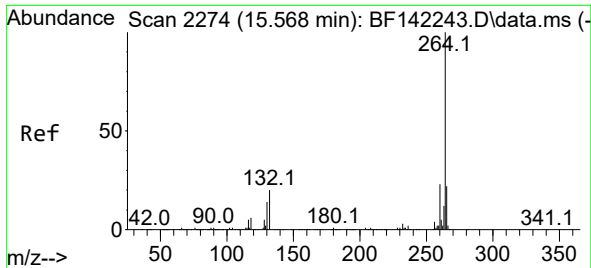
Tgt Ion:244 Resp: 1207717
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 11.4 9.1 13.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.148 ng
 RT: 14.051 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF142262.D
 Acq: 01 May 2025 16:03

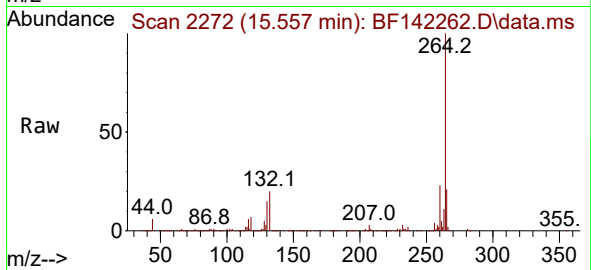
Tgt Ion:149 Resp: 11440
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.7 32.5
 279 4.0 3.0 4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142262.D
Acq: 01 May 2025 16:03

Instrument :
BNA_F
ClientSampleId :
COMP-4



Tgt Ion:	264	Resp:	441251
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.4	27.6
265	21.4	17.3	25.9

