

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142349.D
 Acq On : 13 May 2025 17:40
 Operator : RC/JU
 Sample : Q2007-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-13

Quant Time: May 13 18:36:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

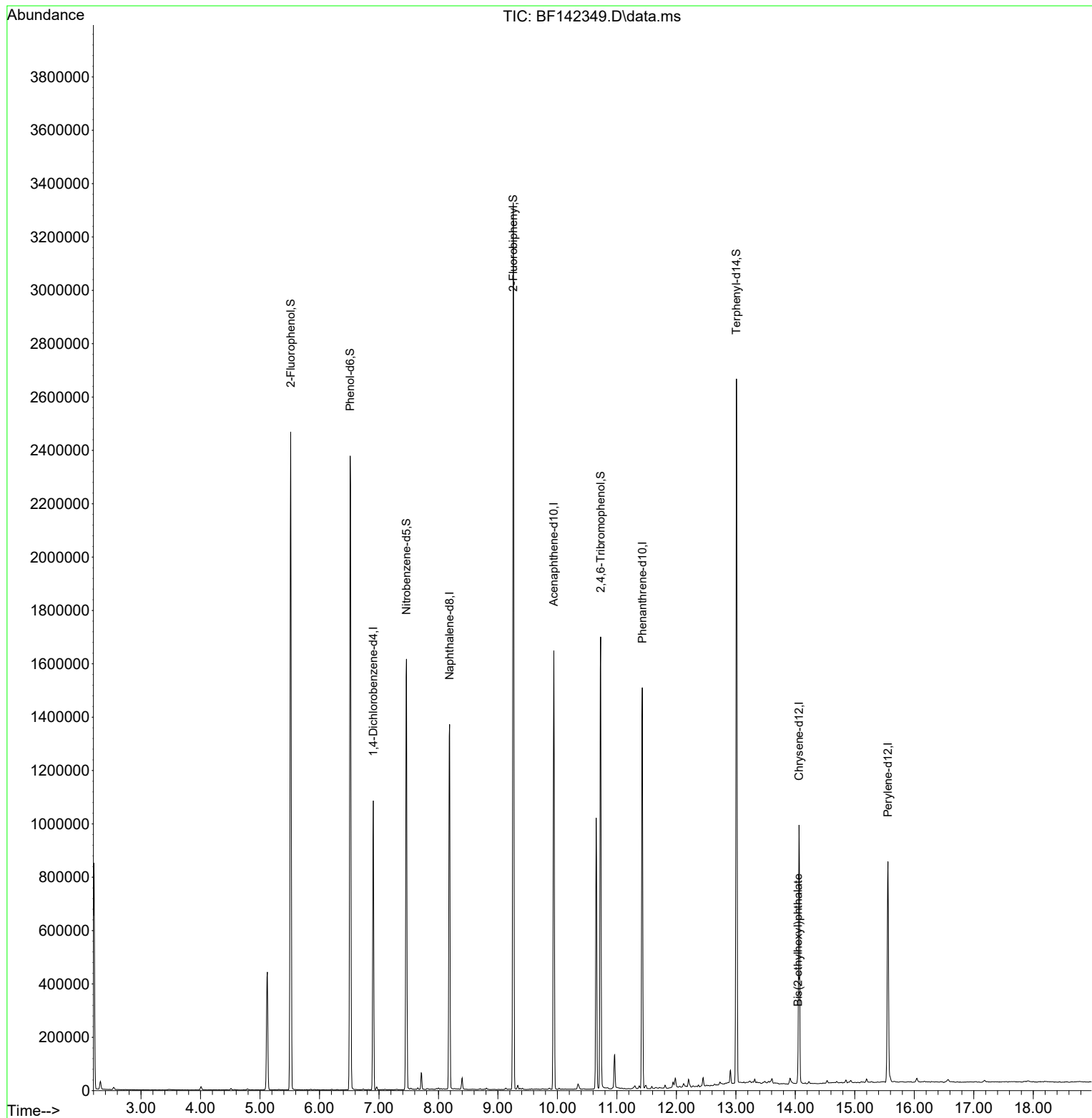
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	229218	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	872745	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	476798	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	772617	20.000	ng	0.00
76) Chrysene-d12	14.063	240	463084	20.000	ng	0.00
86) Perylene-d12	15.557	264	477215	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	931115	69.344	ng	0.00
7) Phenol-d6	6.516	99	1140932	69.085	ng	0.00
23) Nitrobenzene-d5	7.463	82	679514	47.484	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	298469	64.837	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1478049	44.201	ng	0.00
79) Terphenyl-d14	13.010	244	1275060	40.753	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.045	149	14683	5.092	ng	Qvalue # 98

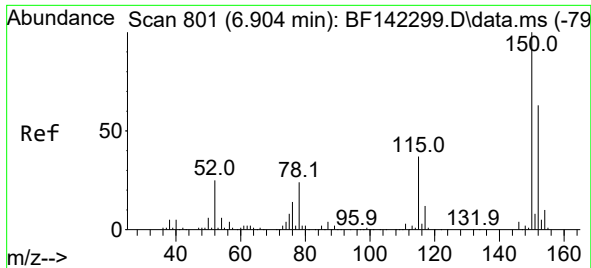
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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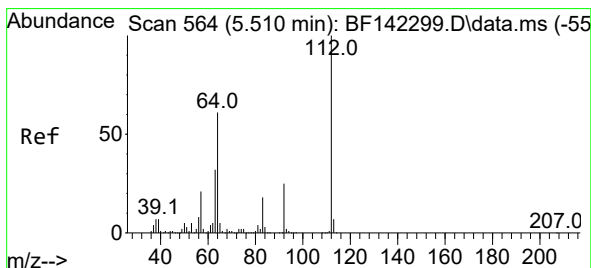
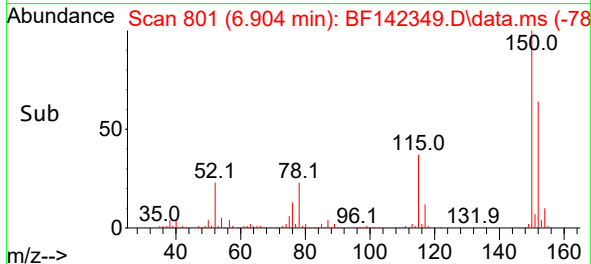
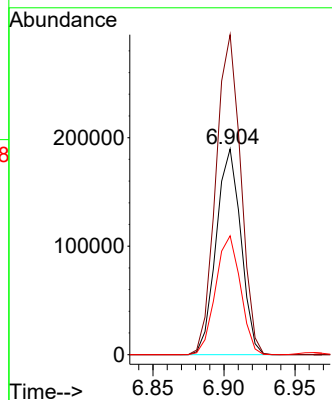
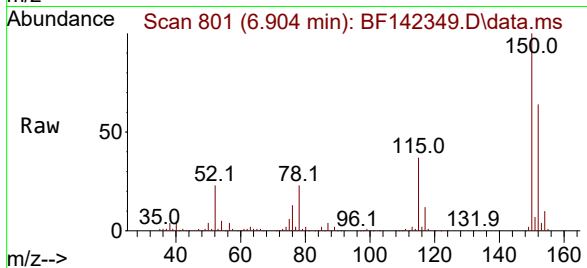




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142349.D
Acq: 13 May 2025 17:40

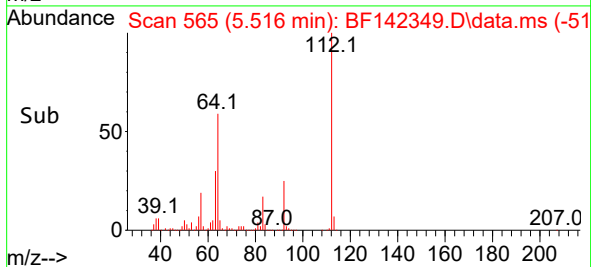
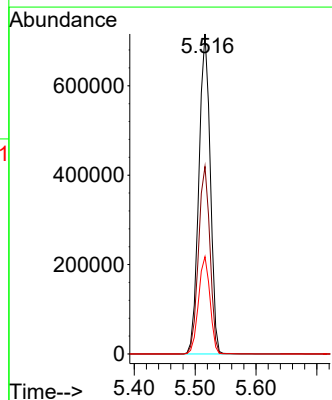
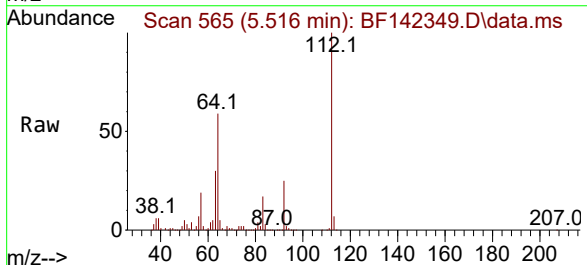
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-13

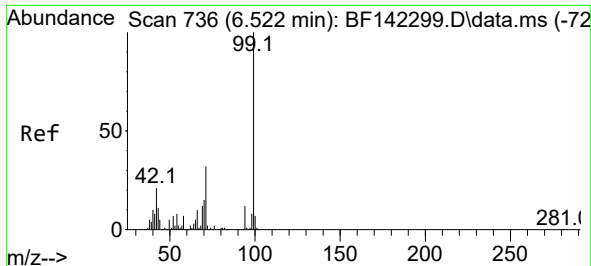
Tgt Ion:152 Resp: 229218
Ion Ratio Lower Upper
152 100
150 155.5 126.6 190.0
115 57.8 47.3 70.9



#5
2-Fluorophenol
Concen: 69.344 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142349.D
Acq: 13 May 2025 17:40

Tgt Ion:112 Resp: 931115
Ion Ratio Lower Upper
112 100
64 58.6 48.9 73.3
63 30.4 25.6 38.4

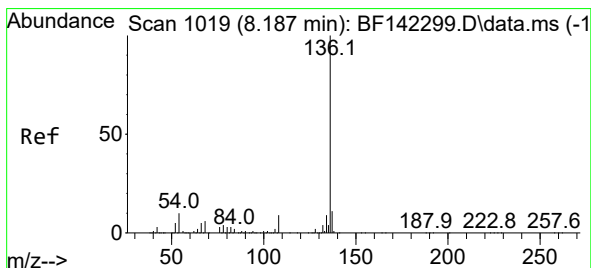
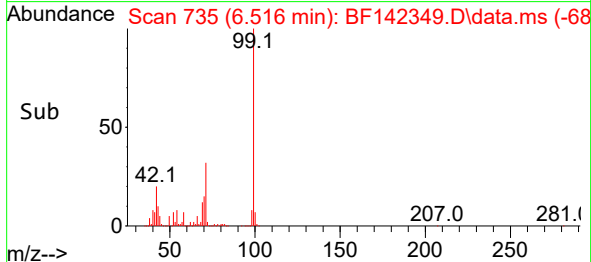
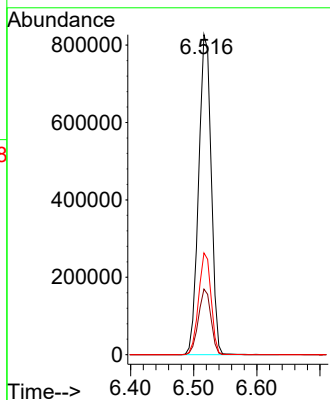
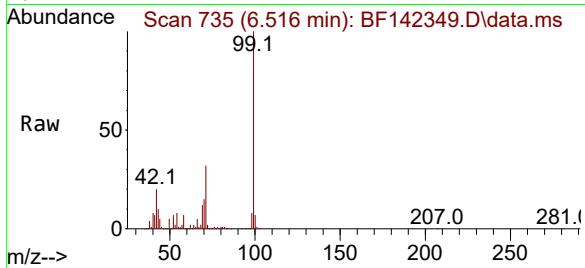




#7
Phenol-d6
Concen: 69.085 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142349.D
Acq: 13 May 2025 17:40

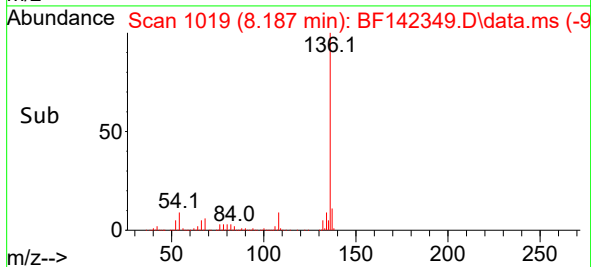
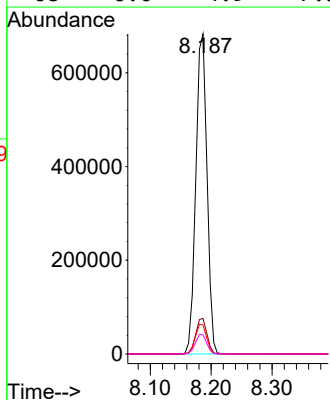
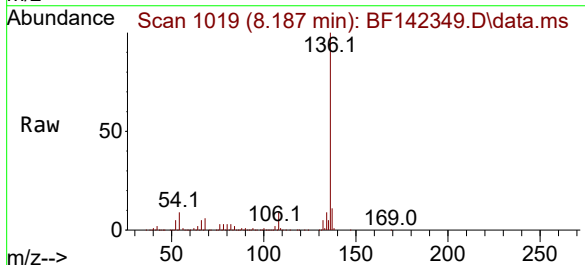
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-13

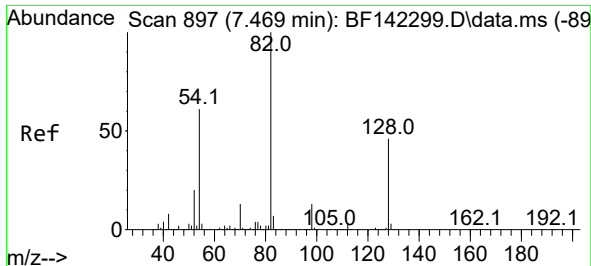
Tgt Ion: 99 Resp: 1140932
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.4
71 31.8 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142349.D
Acq: 13 May 2025 17:40

Tgt Ion: 136 Resp: 872745
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.1 7.7 11.5
68 6.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 47.484 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142349.D

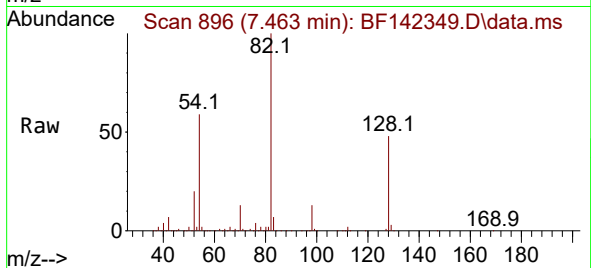
Acq: 13 May 2025 17:40

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-13



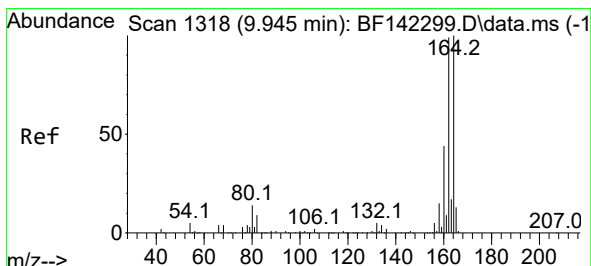
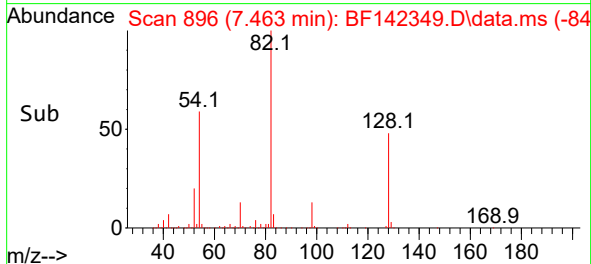
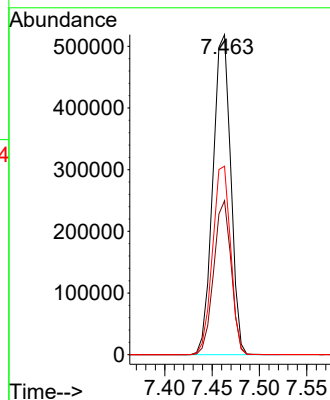
Tgt Ion: 82 Resp: 679514

Ion Ratio Lower Upper

82 100

128 48.1 37.0 55.6

54 58.9 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142349.D

Acq: 13 May 2025 17:40

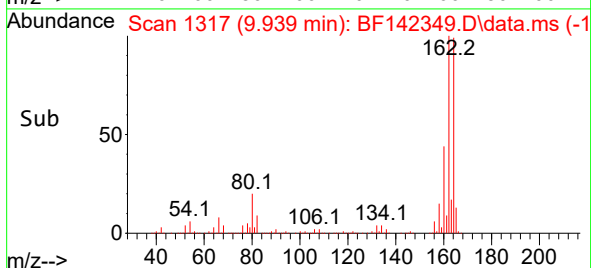
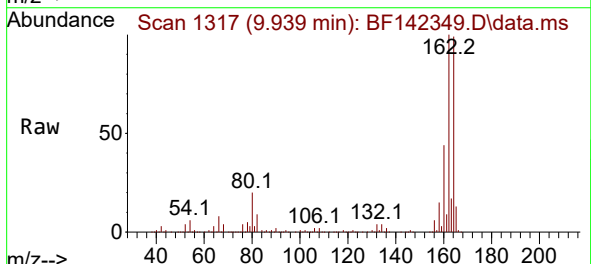
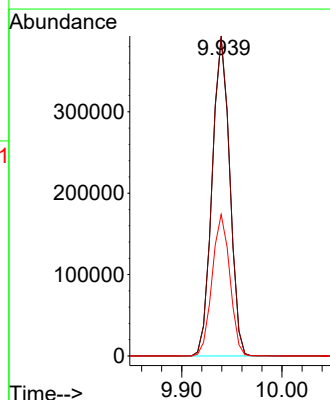
Tgt Ion:164 Resp: 476798

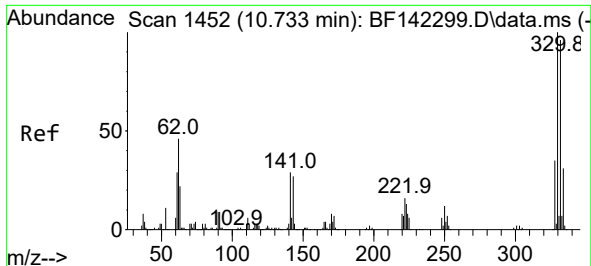
Ion Ratio Lower Upper

164 100

162 100.8 79.2 118.8

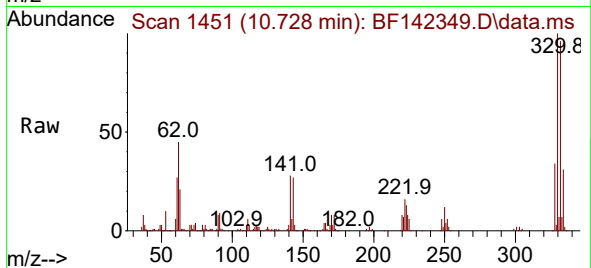
160 44.6 35.3 52.9



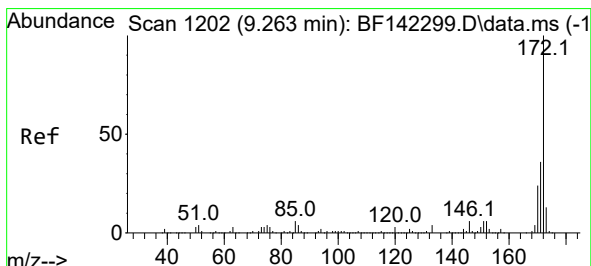
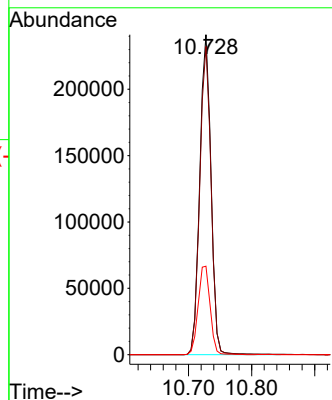
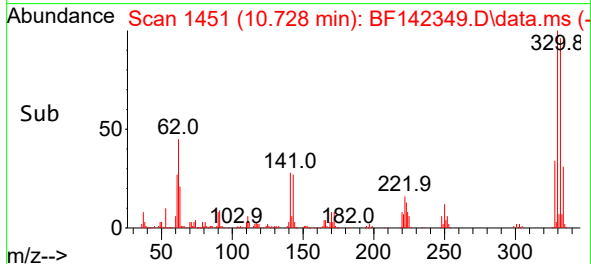


#42
2,4,6-Tribromophenol
Concen: 64.837 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142349.D
Acq: 13 May 2025 17:40

Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-13

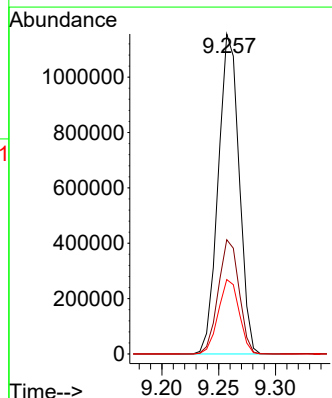
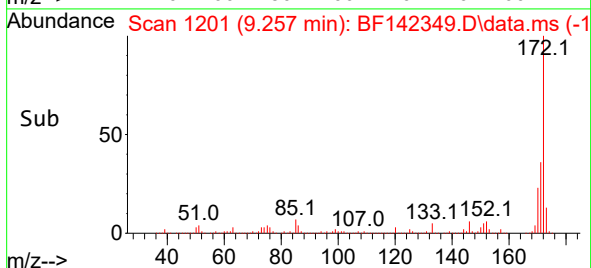
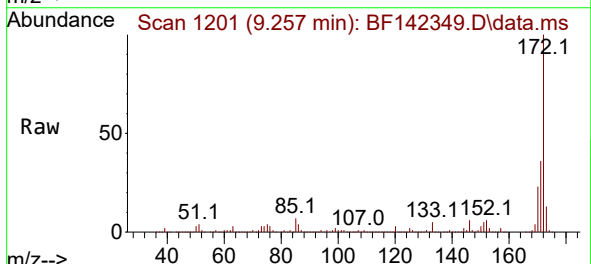


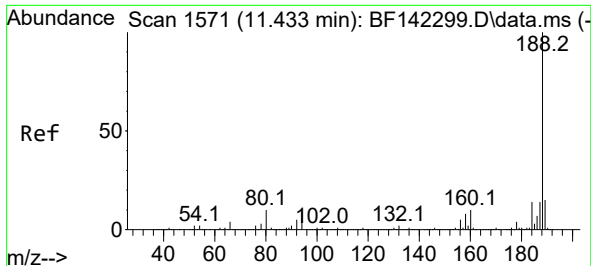
Tgt Ion:330 Resp: 298469
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 29.4 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 44.201 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142349.D
Acq: 13 May 2025 17:40

Tgt Ion:172 Resp: 1478049
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.3 19.0 28.4

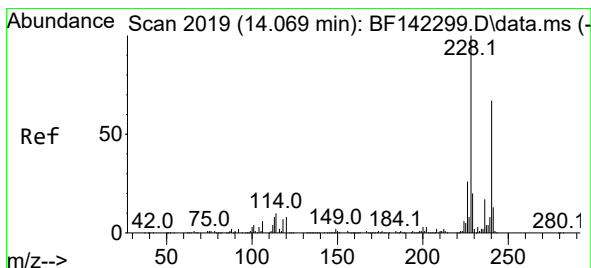
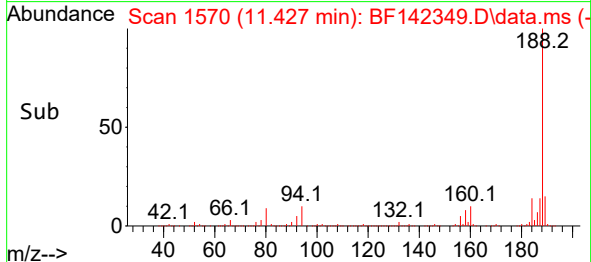
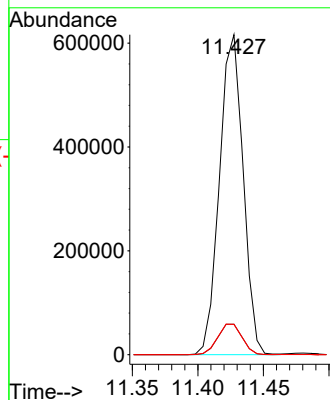
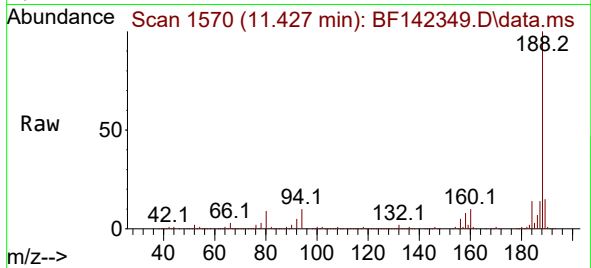




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142349.D
Acq: 13 May 2025 17:40

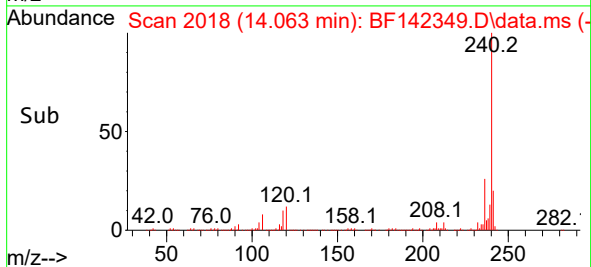
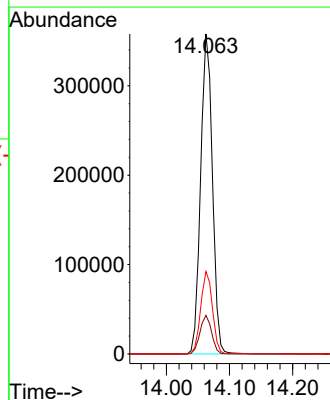
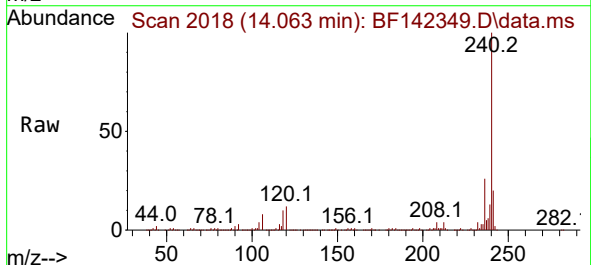
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-13

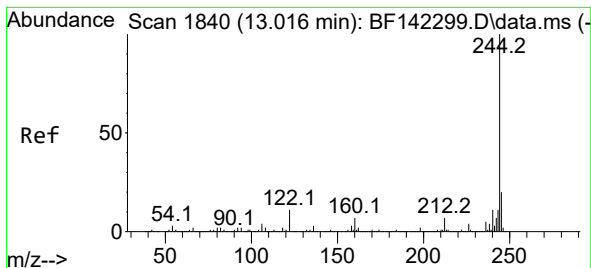
Tgt Ion:188 Resp: 772617
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 9.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142349.D
Acq: 13 May 2025 17:40

Tgt Ion:240 Resp: 463084
Ion Ratio Lower Upper
240 100
120 12.1 9.7 14.5
236 25.8 20.0 30.0





#79

Terphenyl-d14

Concen: 40.753 ng

RT: 13.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142349.D

Acq: 13 May 2025 17:40

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-13

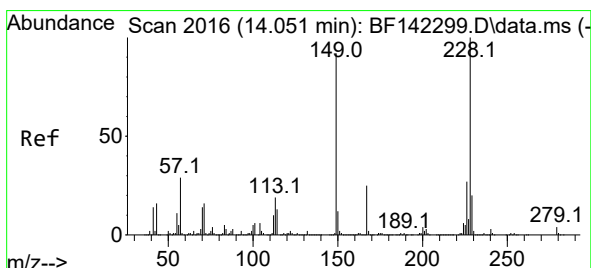
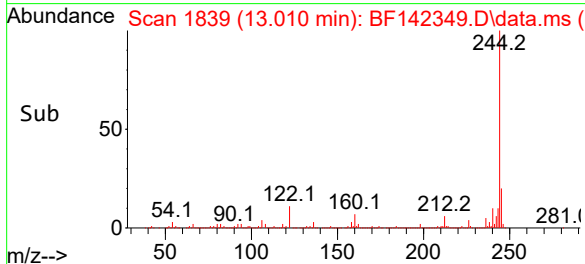
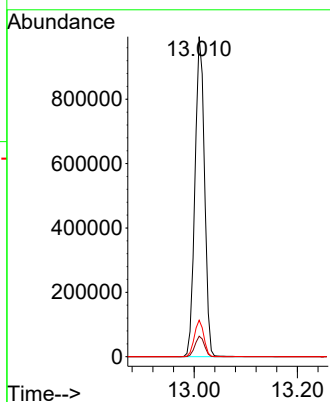
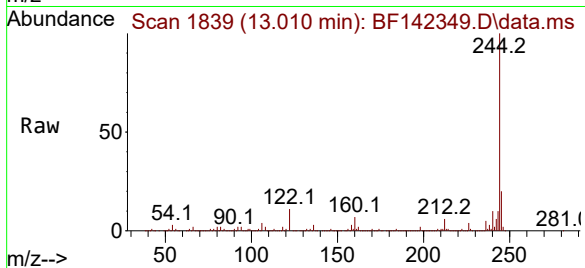
Tgt Ion:244 Resp: 1275060

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

122 11.4 9.0 13.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.092 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142349.D

Acq: 13 May 2025 17:40

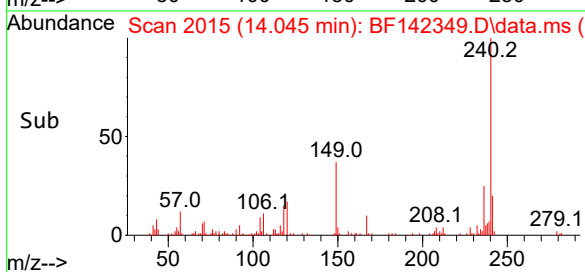
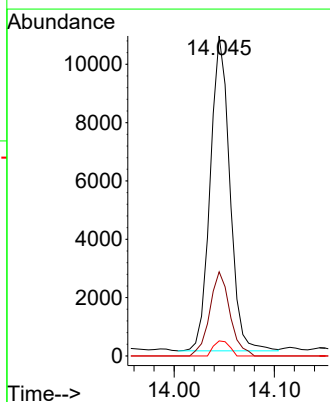
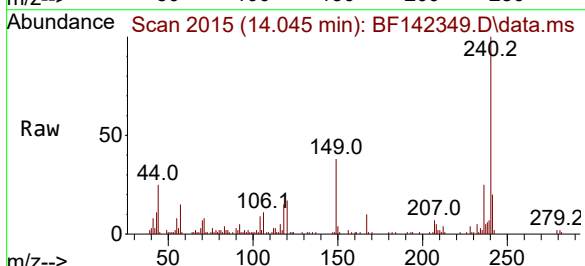
Tgt Ion:149 Resp: 14683

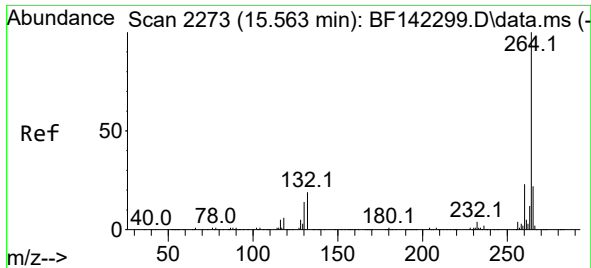
Ion Ratio Lower Upper

149 100

167 26.3 22.0 33.0

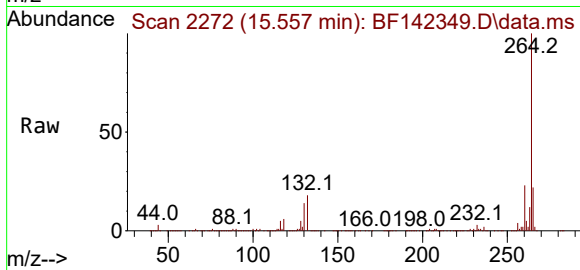
279 4.7 3.0 4.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142349.D
Acq: 13 May 2025 17:40

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:264 Resp: 477215
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 21.6 17.5 26.3

