

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
 Data File : BF142505.D
 Acq On : 22 May 2025 12:42
 Operator : RC/JU
 Sample : Q2074-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-38

Quant Time: May 22 13:04:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

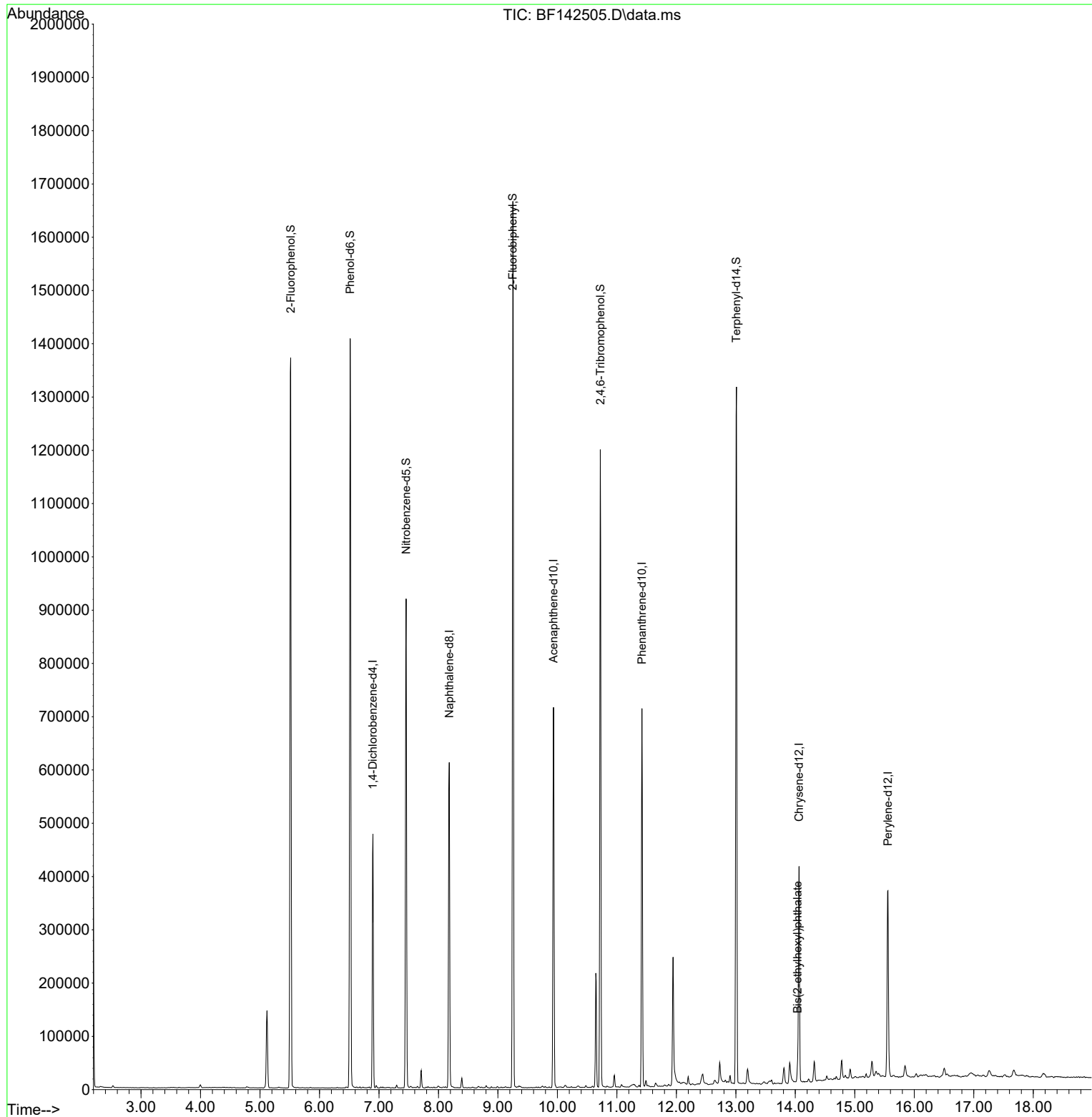
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	105231	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	393023	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	211306	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	363178	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	195335	20.000	ng	-0.01
86) Perylene-d12	15.557	264	215007	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	541642	86.717	ng	0.00
7) Phenol-d6	6.516	99	659959	87.775	ng	-0.02
23) Nitrobenzene-d5	7.457	82	390239	54.143	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	211748	90.289	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	746030	47.375	ng	-0.02
79) Terphenyl-d14	13.010	244	640217	44.789	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.039	149	15913	2.469	ng	Qvalue 99

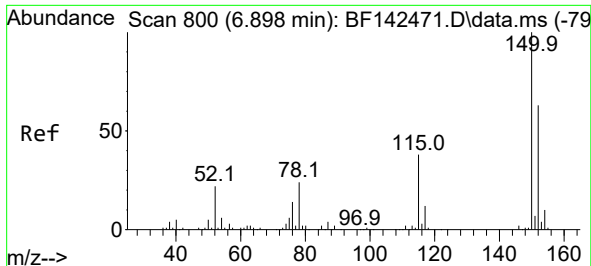
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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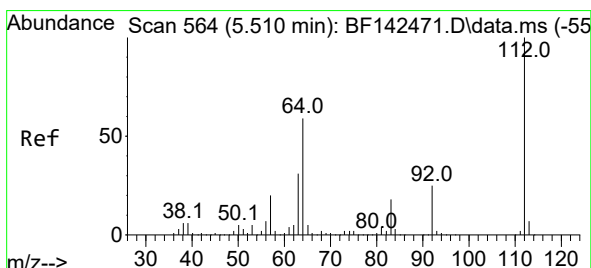
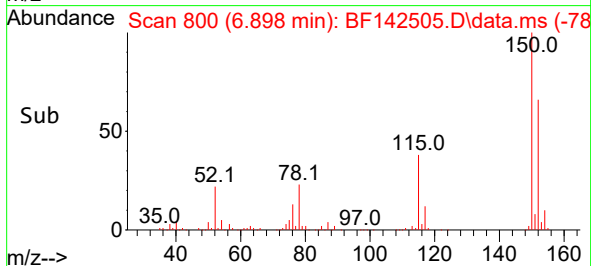
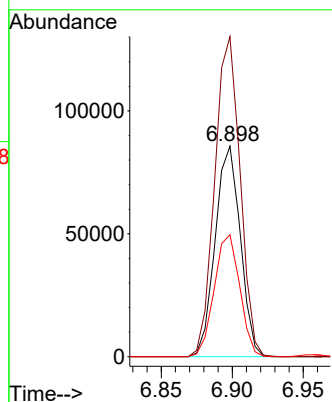
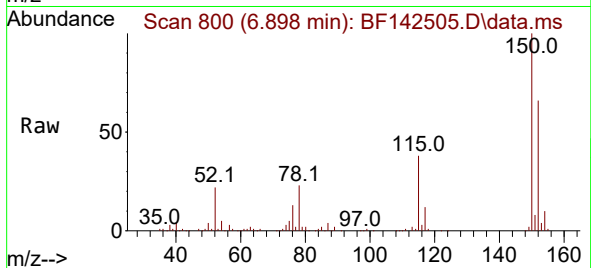




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142505.D
Acq: 22 May 2025 12:42

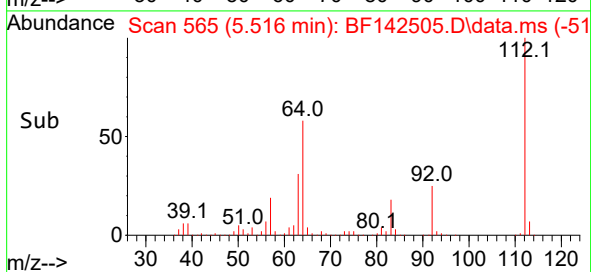
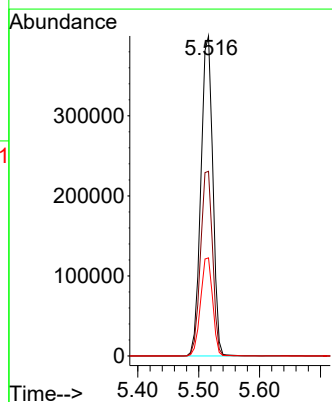
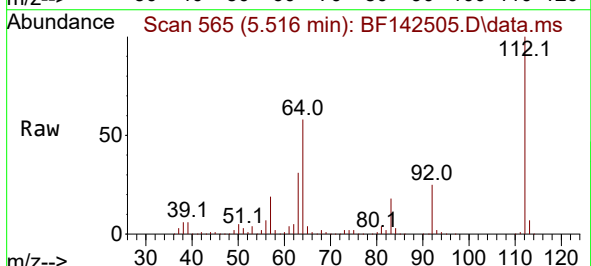
Instrument :
BNA_F
ClientSampleId :
TP-38

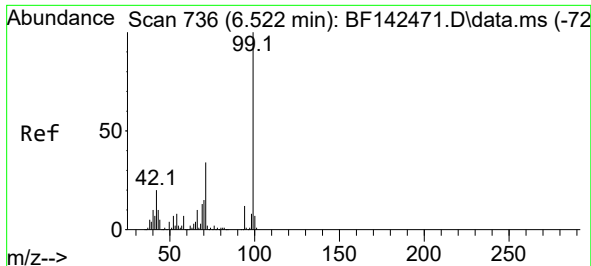
Tgt Ion:152 Resp: 105231
Ion Ratio Lower Upper
152 100
150 152.0 128.2 192.4
115 57.9 48.3 72.5



#5
2-Fluorophenol
Concen: 86.717 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.000 min
Lab File: BF142505.D
Acq: 22 May 2025 12:42

Tgt Ion:112 Resp: 541642
Ion Ratio Lower Upper
112 100
64 57.7 47.5 71.3
63 30.7 24.9 37.3





#7

Phenol-d6

Concen: 87.775 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF142505.D

Acq: 22 May 2025 12:42

Instrument :

BNA_F

ClientSampleId :

TP-38

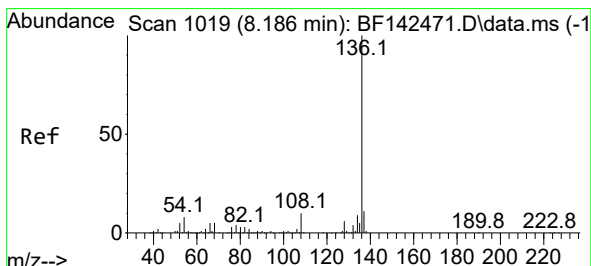
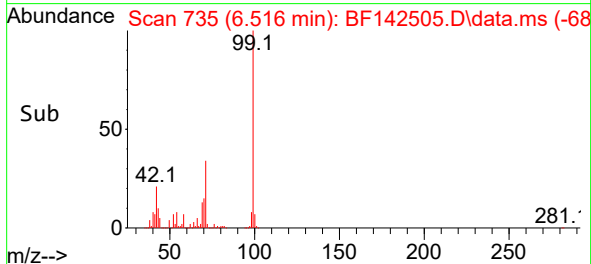
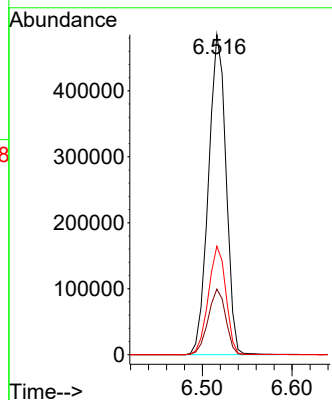
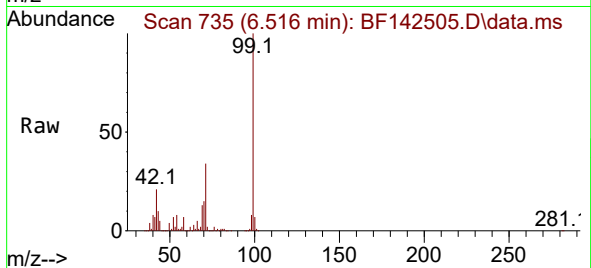
Tgt Ion: 99 Resp: 659959

Ion Ratio Lower Upper

99 100

42 20.5 16.2 24.2

71 33.9 27.3 40.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF142505.D

Acq: 22 May 2025 12:42

Tgt Ion:136 Resp: 393023

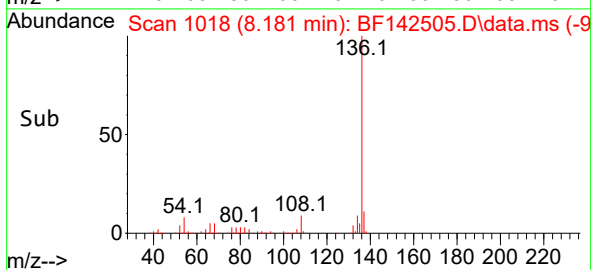
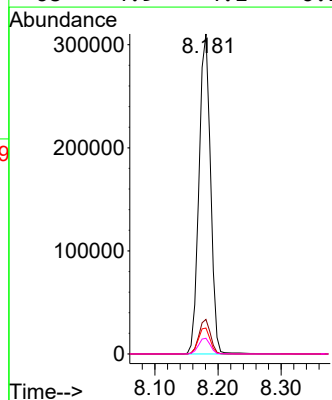
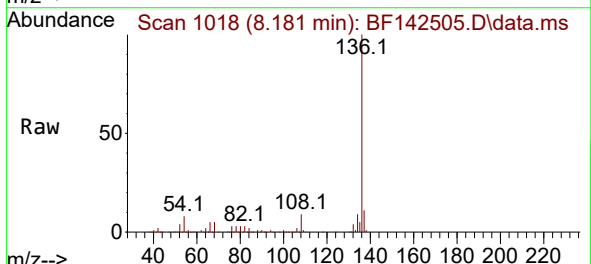
Ion Ratio Lower Upper

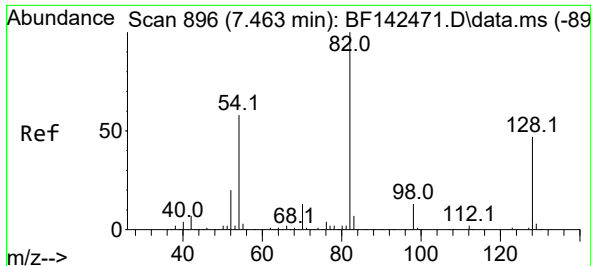
136 100

137 10.8 8.6 13.0

54 8.1 6.6 10.0

68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 54.143 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF142505.D

Acq: 22 May 2025 12:42

Instrument :

BNA_F

ClientSampleId :

TP-38

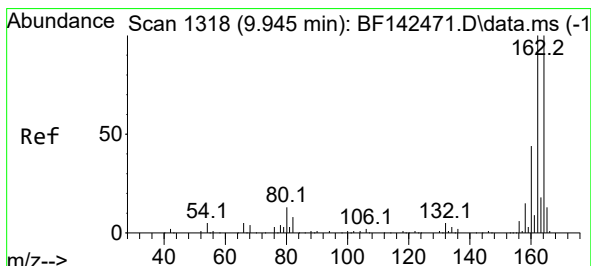
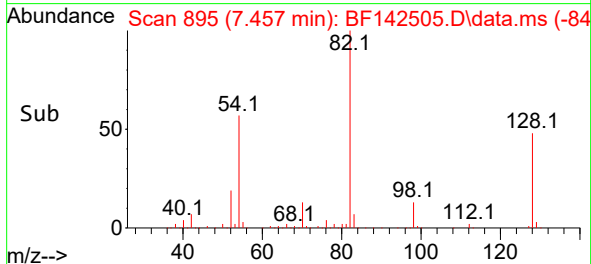
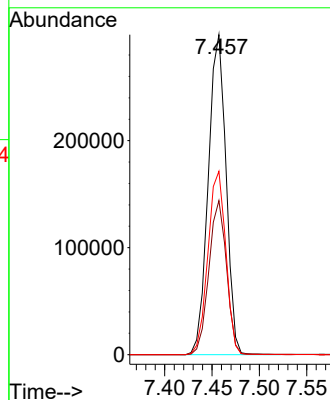
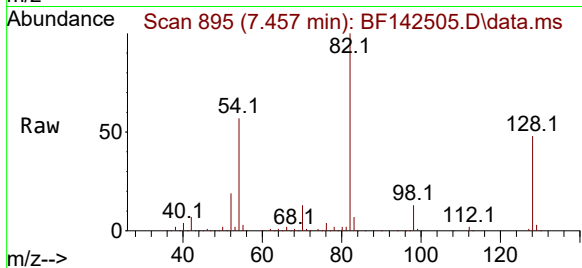
Tgt Ion: 82 Resp: 390239

Ion Ratio Lower Upper

82 100

128 48.1 37.4 56.2

54 57.3 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142505.D

Acq: 22 May 2025 12:42

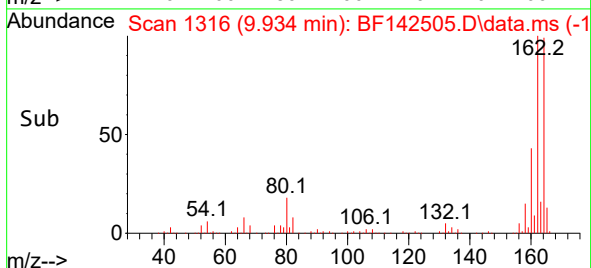
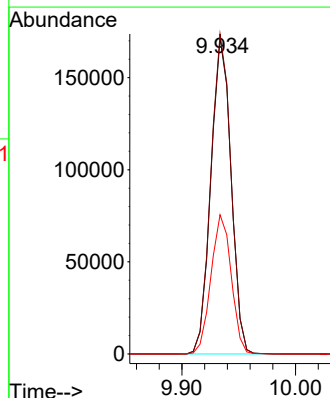
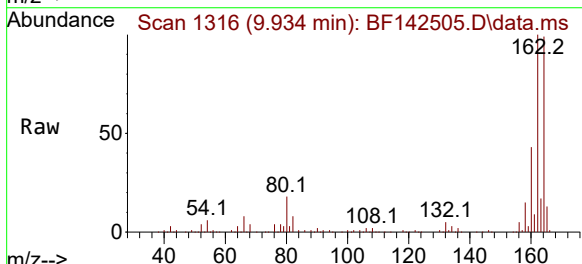
Tgt Ion:164 Resp: 211306

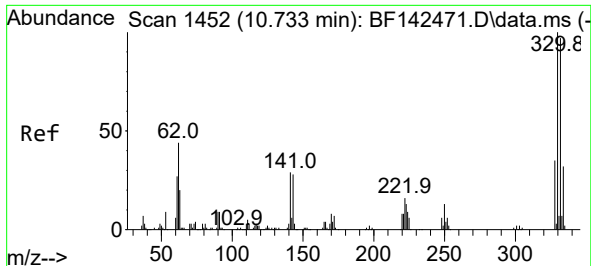
Ion Ratio Lower Upper

164 100

162 101.3 80.2 120.4

160 44.0 35.6 53.4

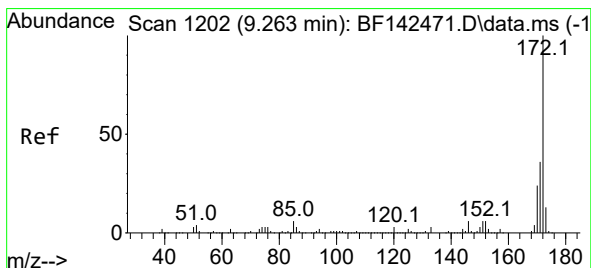
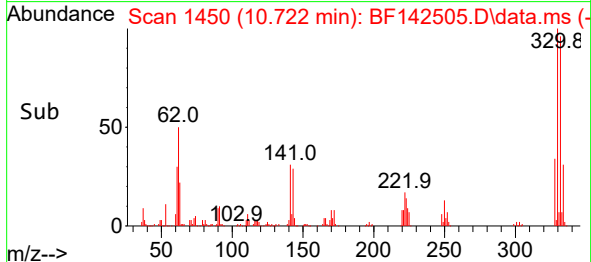
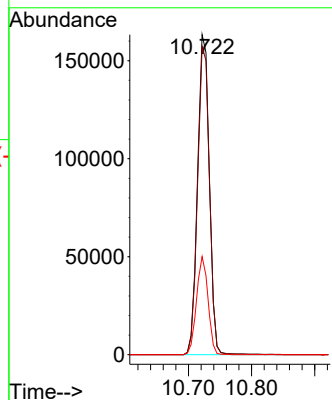
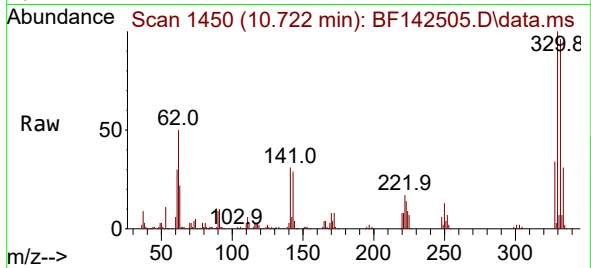




#42
2,4,6-Tribromophenol
Concen: 90.289 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.017 min
Lab File: BF142505.D
Acq: 22 May 2025 12:42

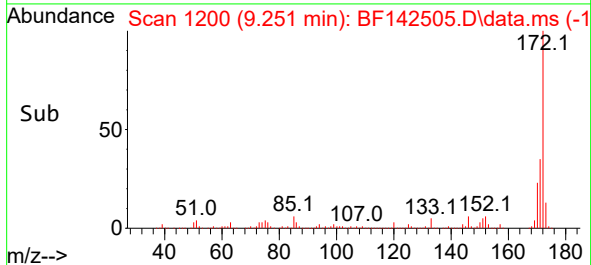
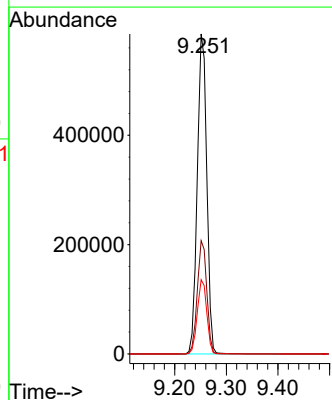
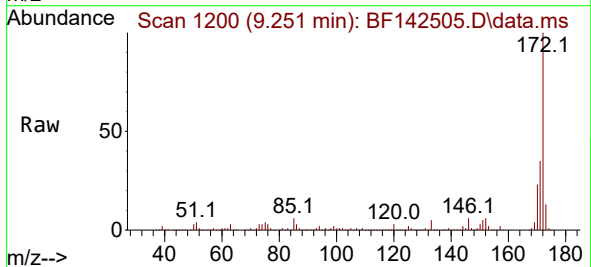
Instrument :
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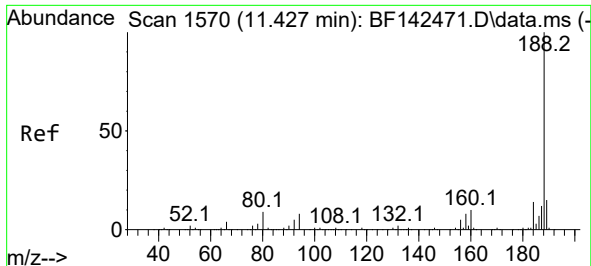
Tgt Ion:330 Resp: 211748
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 29.9 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 47.375 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.017 min
Lab File: BF142505.D
Acq: 22 May 2025 12:42

Tgt Ion:172 Resp: 746030
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.2 18.9 28.3

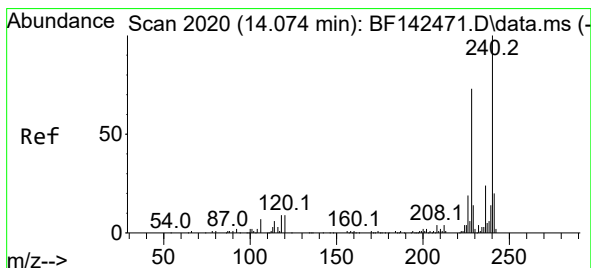
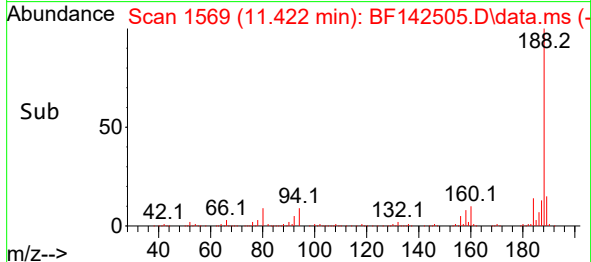
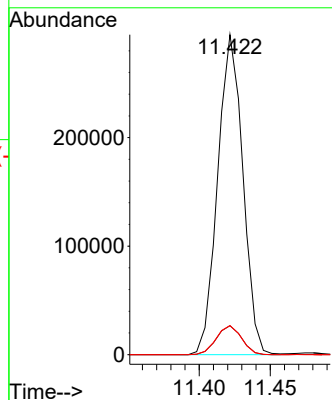
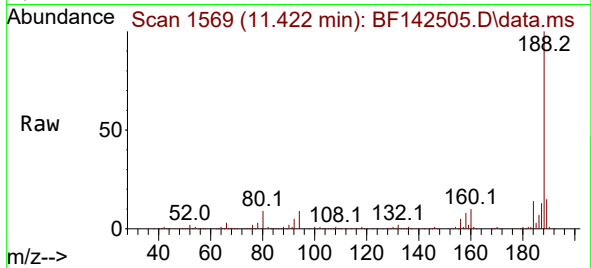




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142505.D
Acq: 22 May 2025 12:42

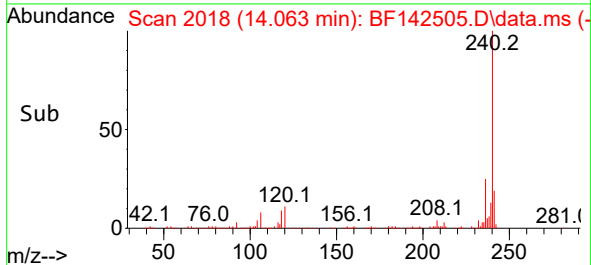
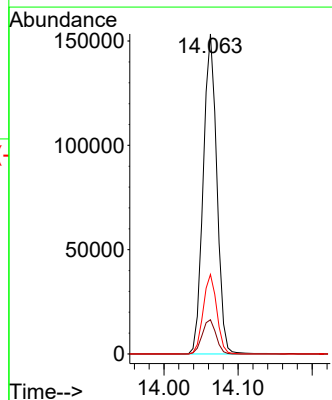
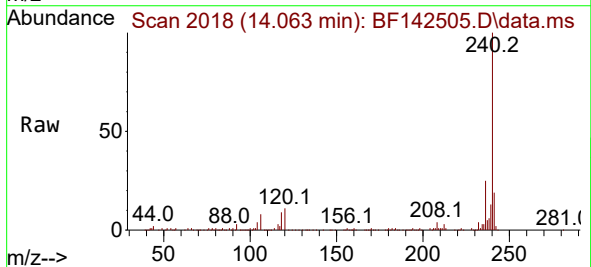
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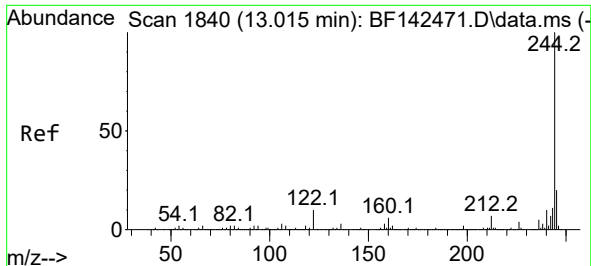
Tgt Ion:188 Resp: 363178
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.1 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142505.D
Acq: 22 May 2025 12:42

Tgt Ion:240 Resp: 195335
Ion Ratio Lower Upper
240 100
120 10.7 7.5 11.3
236 24.9 19.6 29.4

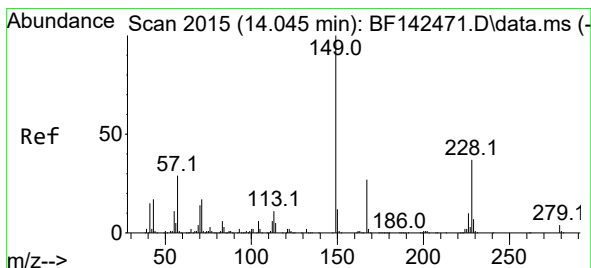
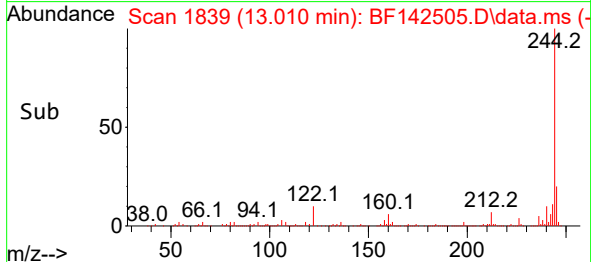
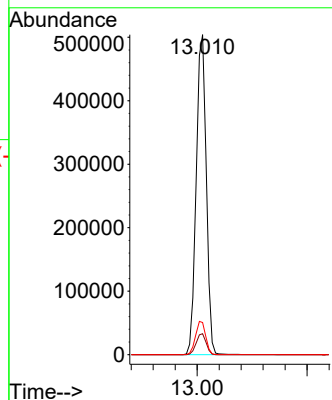
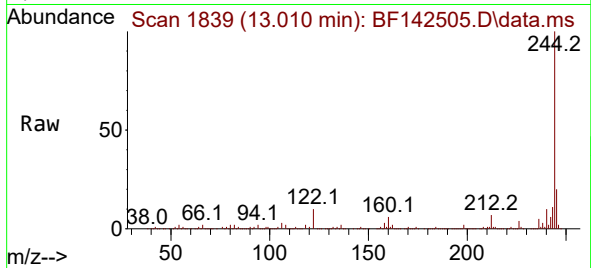




#79
 Terphenyl-d14
 Concen: 44.789 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142505.D
 Acq: 22 May 2025 12:42

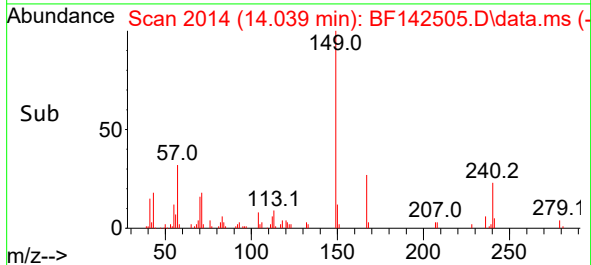
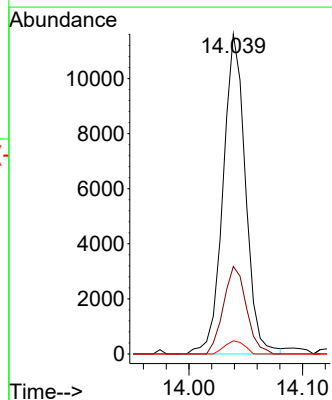
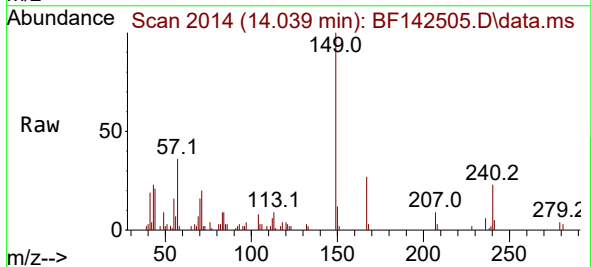
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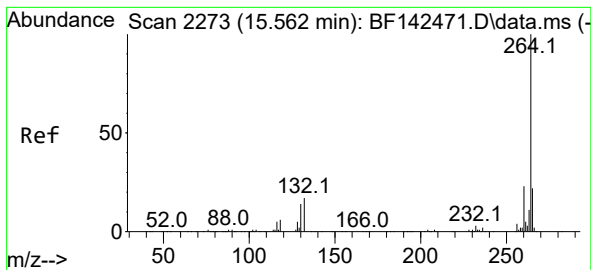
Tgt Ion:244 Resp: 640217
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 10.0 8.2 12.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.469 ng
 RT: 14.039 min Scan# 2014
 Delta R.T. -0.012 min
 Lab File: BF142505.D
 Acq: 22 May 2025 12:42

Tgt Ion:149 Resp: 15913
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.5 32.3
 279 4.1 3.2 4.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142505.D

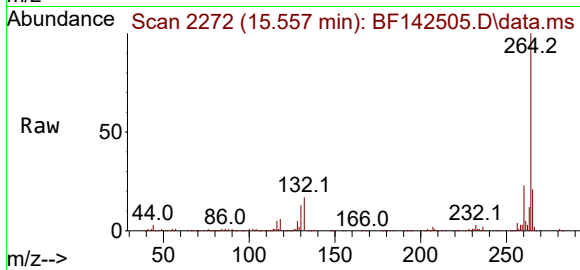
Acq: 22 May 2025 12:42

Instrument :

BNA_F

ClientSampleId :

TP-38



Tgt Ion:264 Resp: 215007

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.0 17.7 26.5

