

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061025\
 Data File : BF142704.D
 Acq On : 10 Jun 2025 11:13
 Operator : RC/JU
 Sample : Q2259-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-36-060525

Quant Time: Jun 10 11:45:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 18:21:22 2025
 Response via : Initial Calibration

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

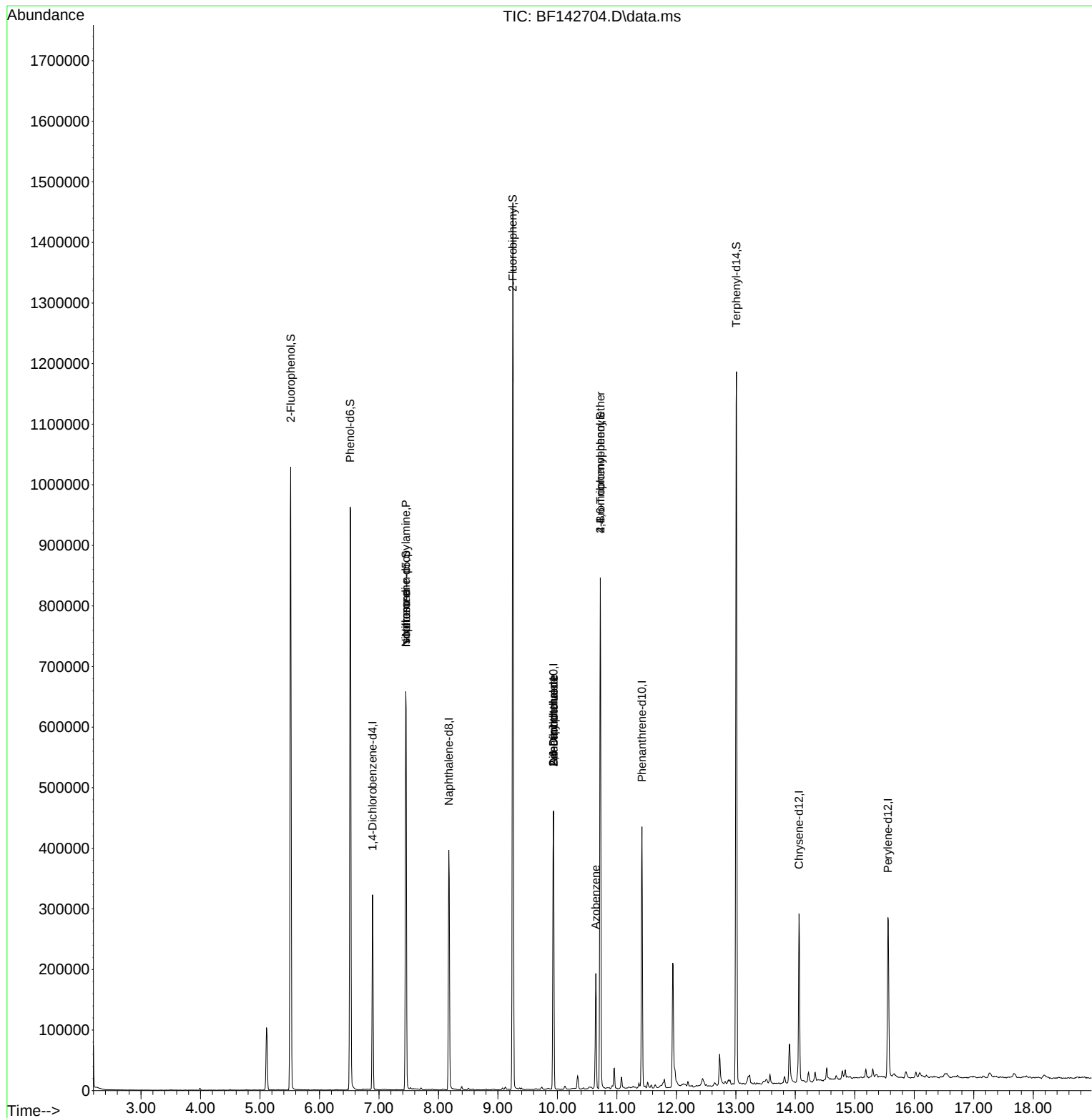
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	69278	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	257460	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	139574	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	225221	20.000	ng	0.00
76) Chrysene-d12	14.063	240	140912	20.000	ng	-0.01
86) Perylene-d12	15.557	264	168989	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	397838	97.507	ng	0.00
7) Phenol-d6	6.516	99	472895	98.833	ng	-0.02
23) Nitrobenzene-d5	7.451	82	295591	63.096	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	147290	93.927	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	660273	64.695	ng	-0.01
79) Terphenyl-d14	13.010	244	589689	66.184	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	39384	14.042	ng	# 77
25) Isophorone	7.451	82	291300	38.326	ng	# 62
50) Dimethylphthalate	9.933	163	20516	2.185	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	17710	8.718	ng	# 28
57) 2,4-Dinitrotoluene	9.933	165	17710	6.504	ng	# 27
63) Azobenzene	10.645	77	43523	5.329	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	9502	3.817	ng	# 1

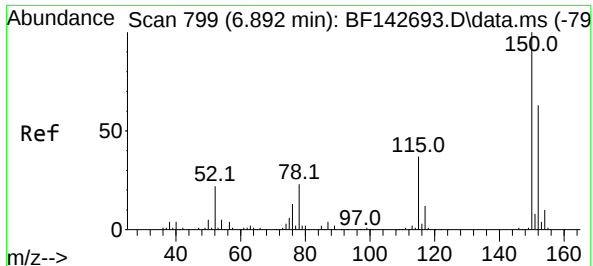
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061025\
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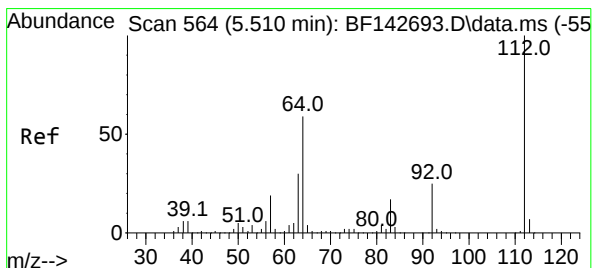
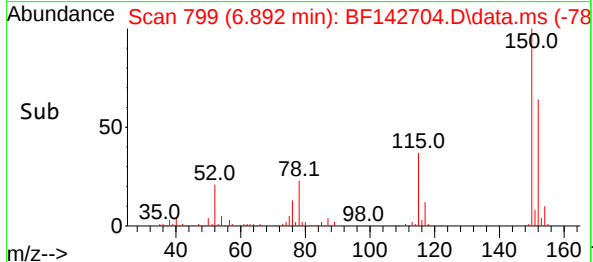
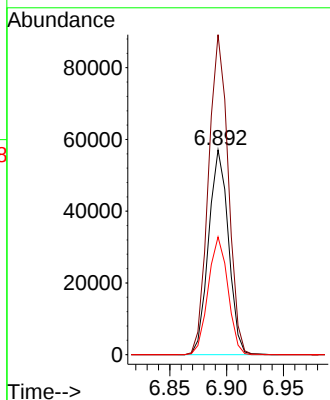
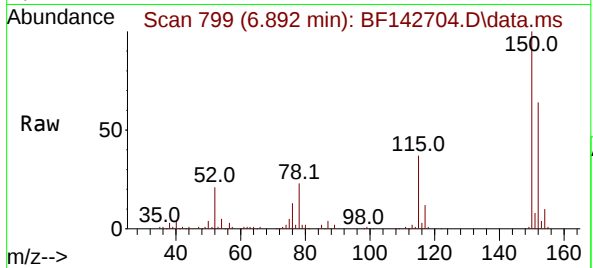




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF142704.D
 Acq: 10 Jun 2025 11:13

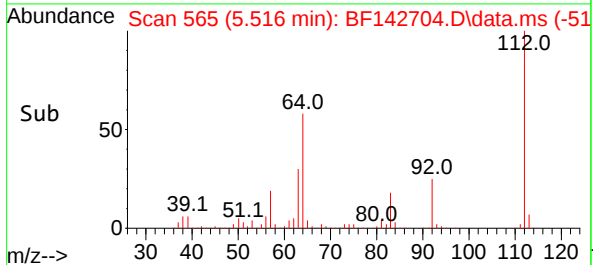
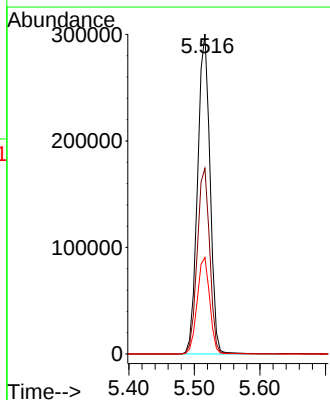
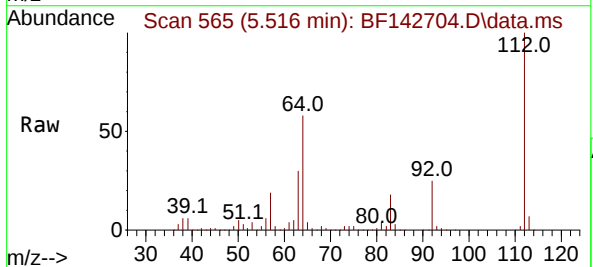
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-36-060525

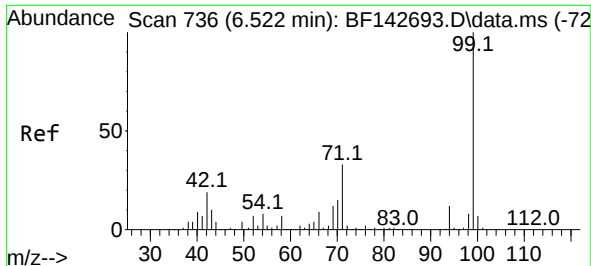
Tgt Ion:152 Resp: 69278
 Ion Ratio Lower Upper
 152 100
 150 156.2 126.8 190.2
 115 57.5 46.8 70.2



#5
 2-Fluorophenol
 Concen: 97.507 ng
 RT: 5.516 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: BF142704.D
 Acq: 10 Jun 2025 11:13

Tgt Ion:112 Resp: 397838
 Ion Ratio Lower Upper
 112 100
 64 58.0 46.9 70.3
 63 30.1 24.3 36.5

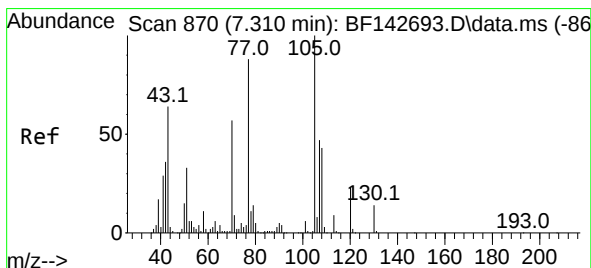
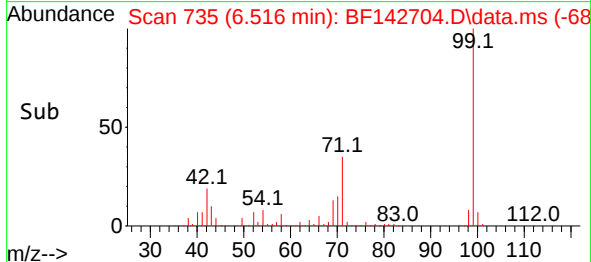
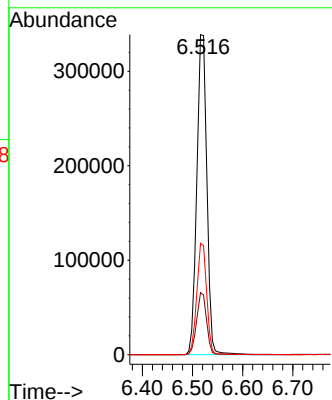
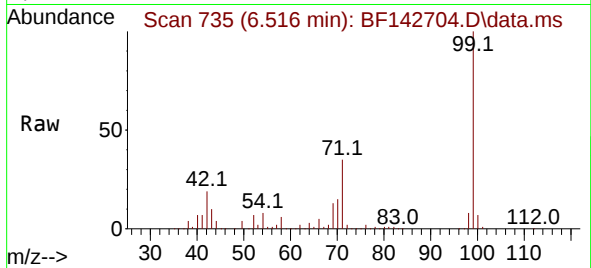




#7
Phenol-d6
Concen: 98.833 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142704.D
Acq: 10 Jun 2025 11:13

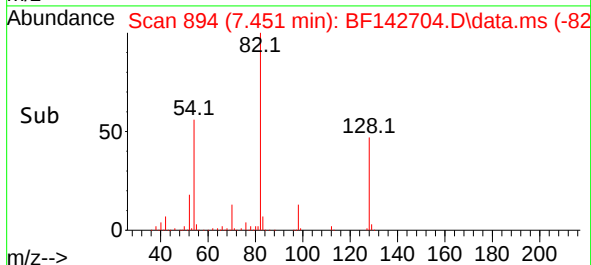
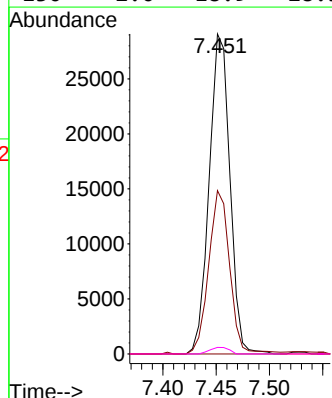
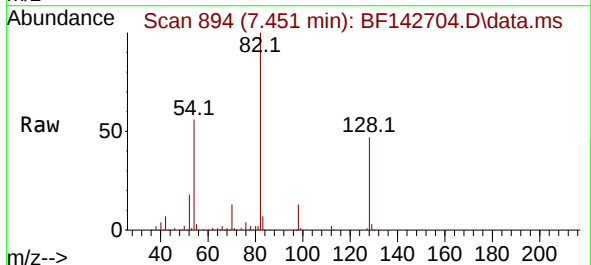
Instrument :
BNA_F
ClientSampleId :
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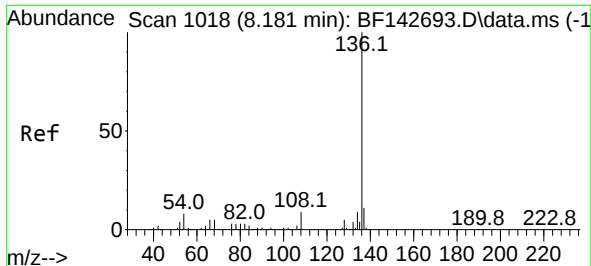
Tgt Ion: 99 Resp: 472895
Ion Ratio Lower Upper
99 100
42 19.4 15.3 22.9
71 34.8 26.3 39.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.042 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.129 min
Lab File: BF142704.D
Acq: 10 Jun 2025 11:13

Tgt Ion: 70 Resp: 39384
Ion Ratio Lower Upper
70 100
42 51.0 50.1 75.1
101 0.0 8.1 12.1#
130 2.0 18.9 28.3#

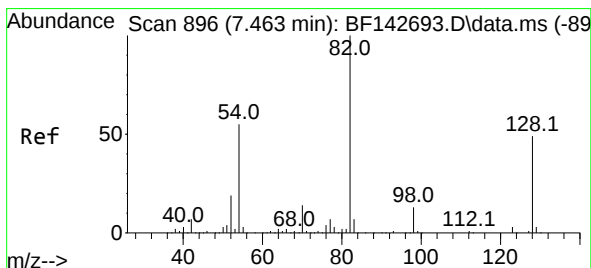
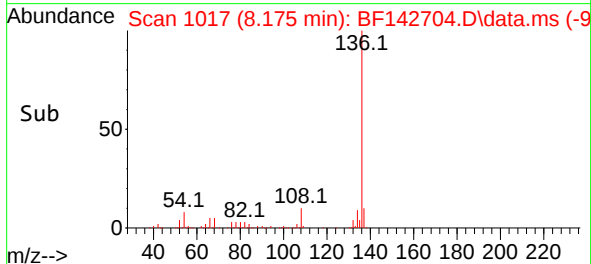
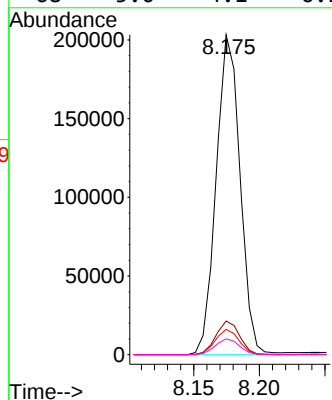
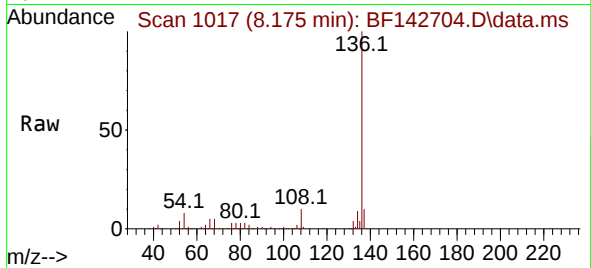




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142704.D
Acq: 10 Jun 2025 11:13

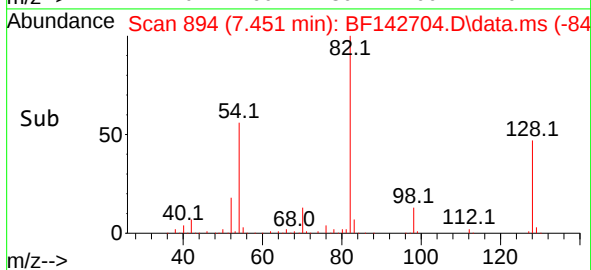
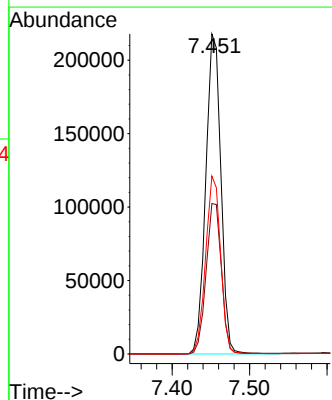
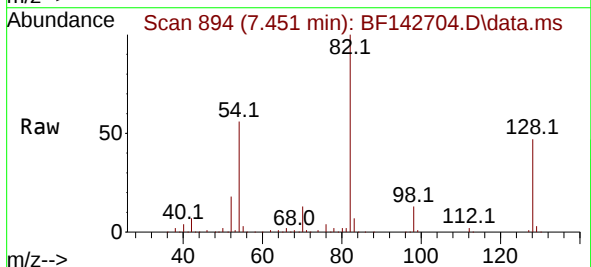
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-36-060525

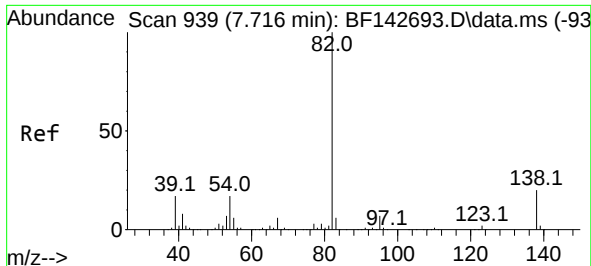
Tgt Ion:136	Resp: 257460
Ion Ratio	Lower Upper
136 100	
137 10.5	8.8 13.2
54 7.9	6.4 9.6
68 5.0	4.1 6.1



#23
Nitrobenzene-d5
Concen: 63.096 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF142704.D
Acq: 10 Jun 2025 11:13

Tgt Ion: 82	Resp: 295591
Ion Ratio	Lower Upper
82 100	
128 47.0	39.3 58.9
54 55.6	44.2 66.2

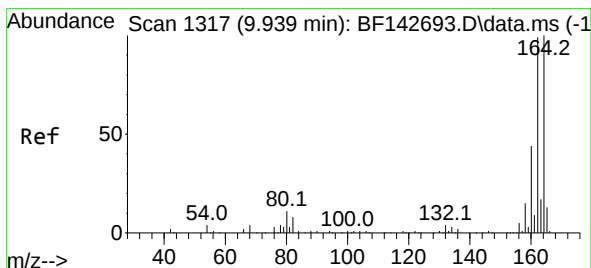
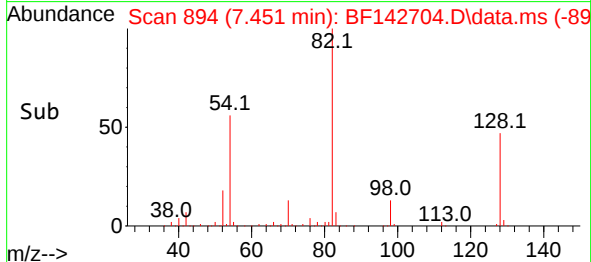
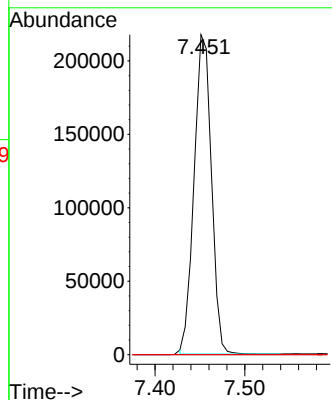
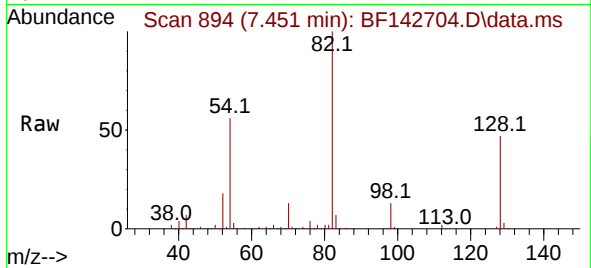




#25
Isophorone
Concen: 38.326 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.277 min
Lab File: BF142704.D
Acq: 10 Jun 2025 11:13

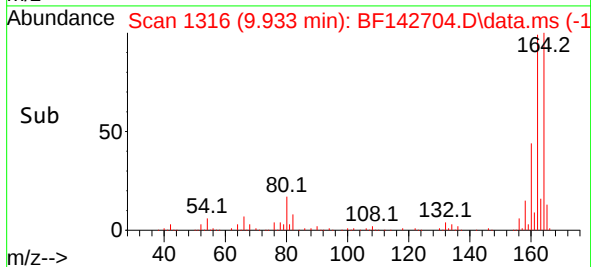
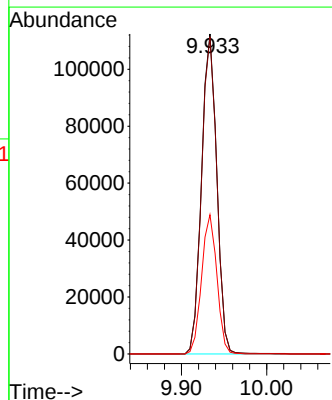
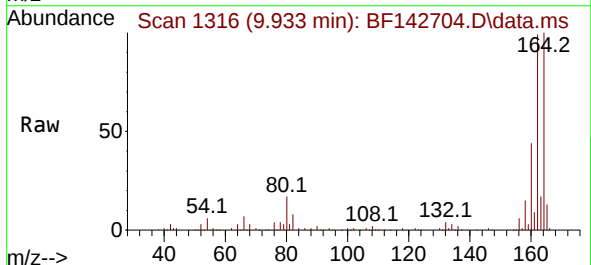
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ClientSampleId :
OU4-PCS-TC-36-060525

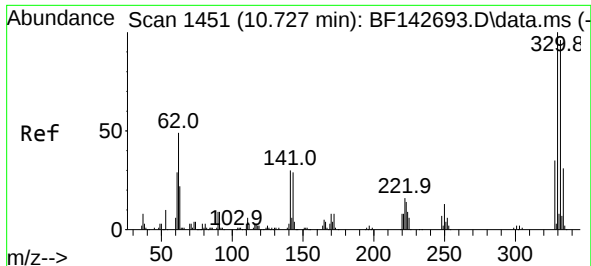
Tgt Ion: 82 Resp: 291300
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 16.1 24.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF142704.D
Acq: 10 Jun 2025 11:13

Tgt Ion:164 Resp: 139574
Ion Ratio Lower Upper
164 100
162 99.1 79.1 118.7
160 43.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 93.927 ng

RT: 10.722 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF142704.D

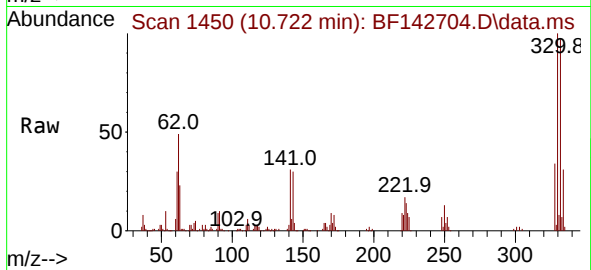
Acq: 10 Jun 2025 11:13

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-36-060525



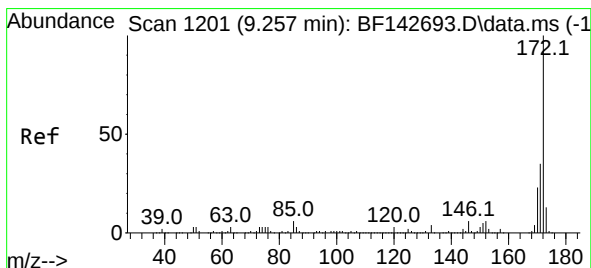
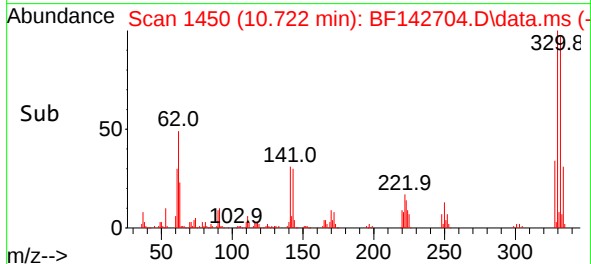
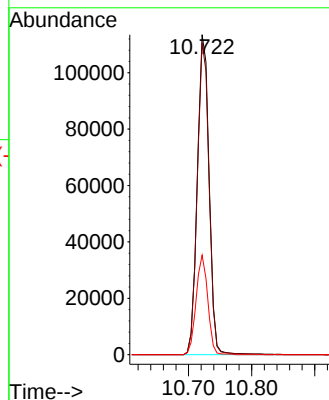
Tgt Ion:330 Resp: 147290

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 30.5 23.5 35.3



#45

2-Fluorobiphenyl

Concen: 64.695 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF142704.D

Acq: 10 Jun 2025 11:13

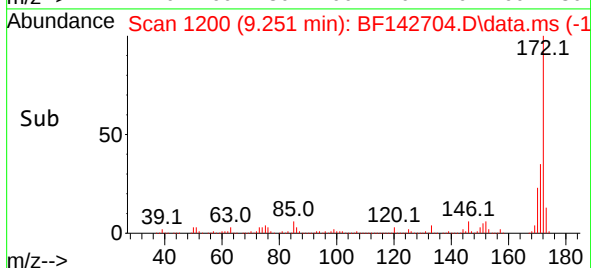
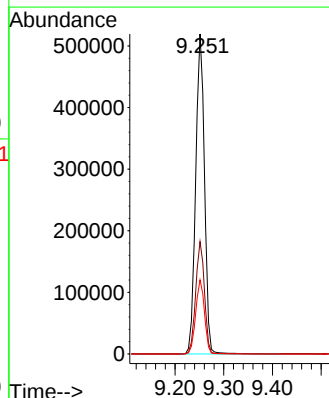
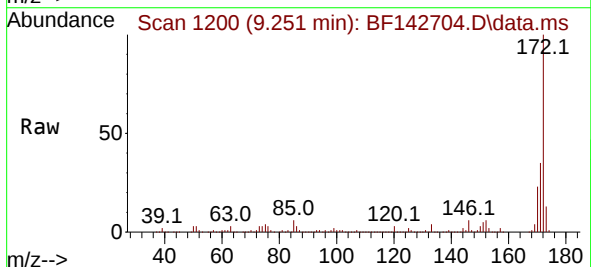
Tgt Ion:172 Resp: 660273

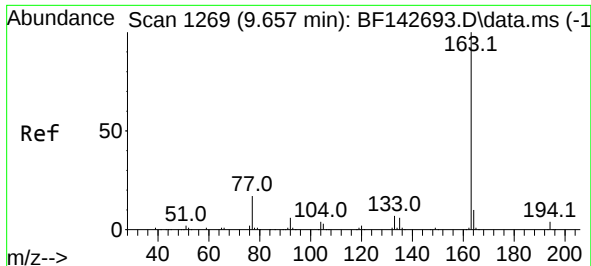
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.2 18.7 28.1

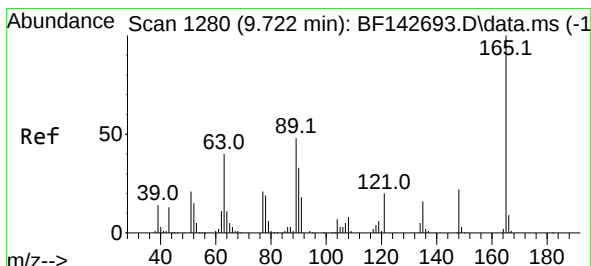
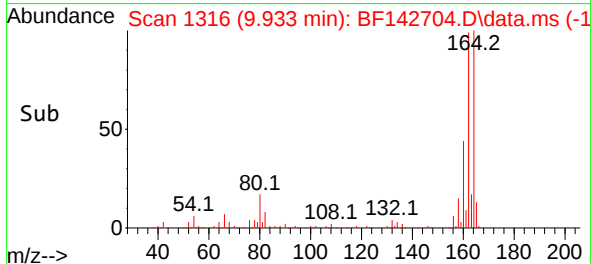
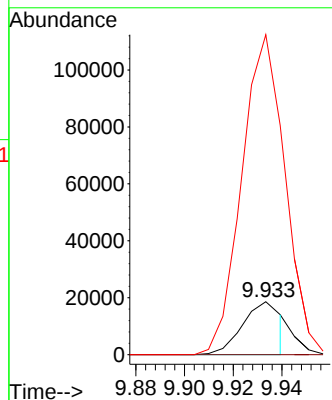
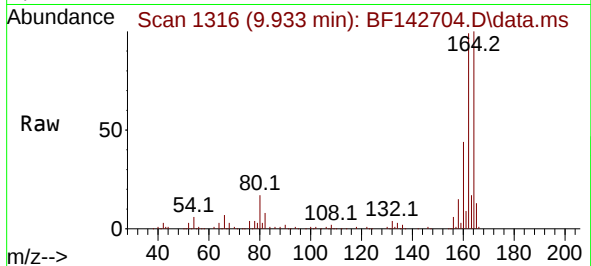




#50
Dimethylphthalate
Concen: 2.185 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.265 min
Lab File: BF142704.D
Acq: 10 Jun 2025 11:13

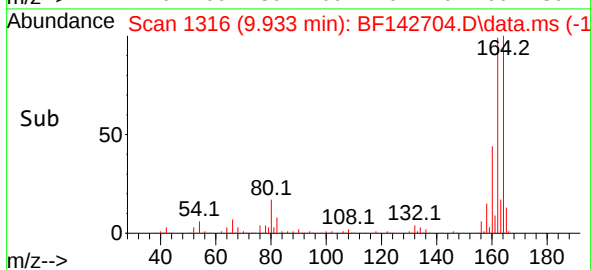
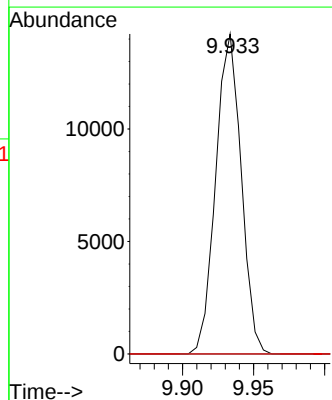
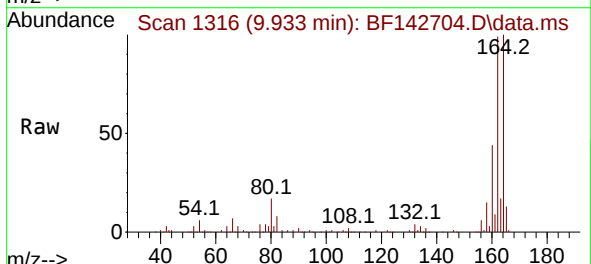
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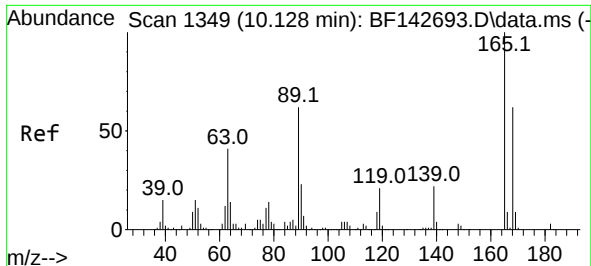
Tgt Ion:163 Resp: 20516
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 604.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.718 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF142704.D
Acq: 10 Jun 2025 11:13

Tgt Ion:165 Resp: 17710
Ion Ratio Lower Upper
165 100
63 0.0 41.3 61.9#
89 0.0 38.1 57.1#

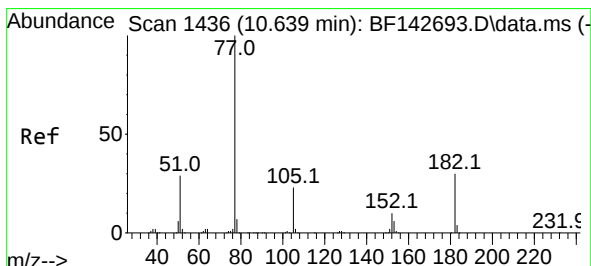
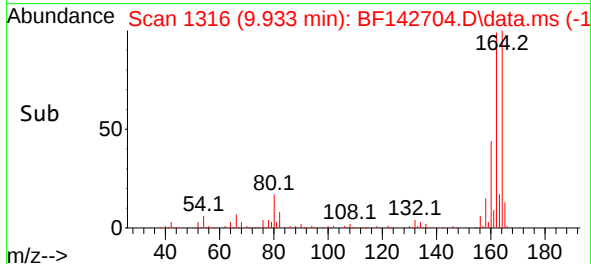
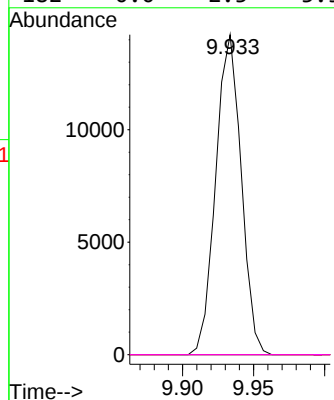
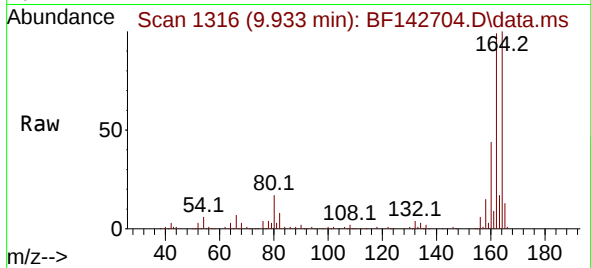




#57
2,4-Dinitrotoluene
Concen: 6.504 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF142704.D
Acq: 10 Jun 2025 11:13

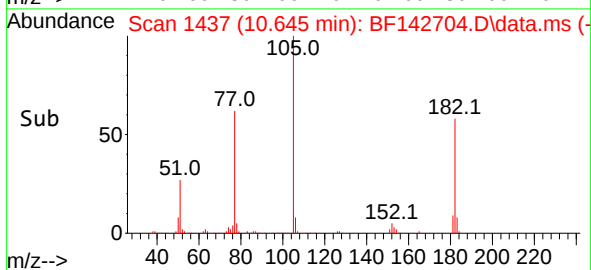
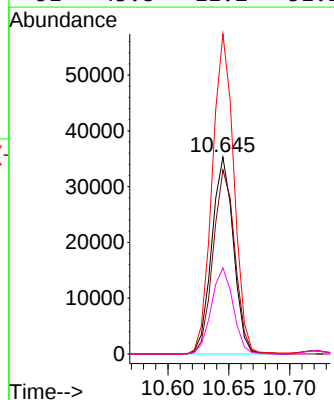
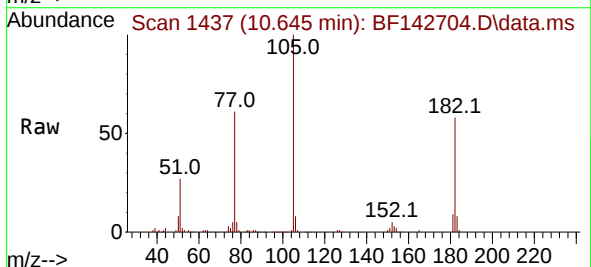
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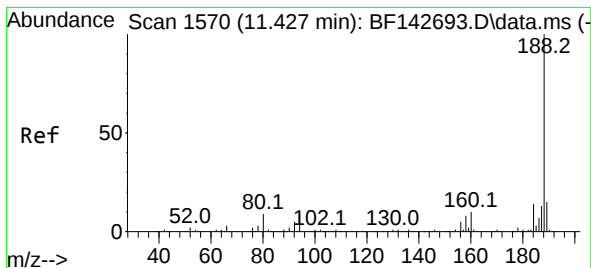
Tgt Ion:165 Resp: 17710
Ion Ratio Lower Upper
165 100
63 0.0 33.6 50.4#
89 0.0 49.4 74.0#
182 0.0 2.3 3.5#



#63
Azobenzene
Concen: 5.329 ng
RT: 10.645 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF142704.D
Acq: 10 Jun 2025 11:13

Tgt Ion: 77 Resp: 43523
Ion Ratio Lower Upper
77 100
182 93.6 9.5 49.5#
105 162.6 2.3 42.3#
51 43.8 11.2 51.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142704.D

Acq: 10 Jun 2025 11:13

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-36-060525

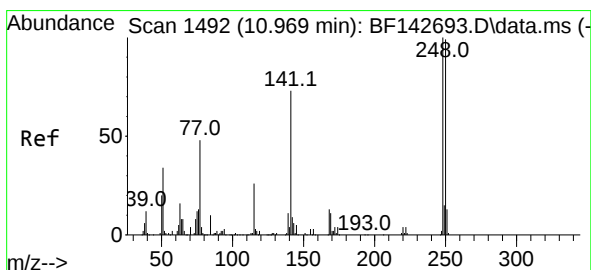
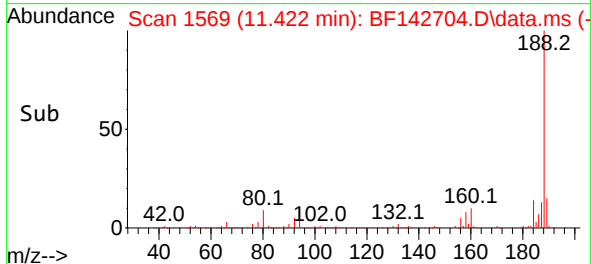
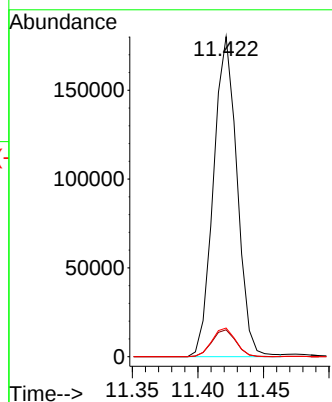
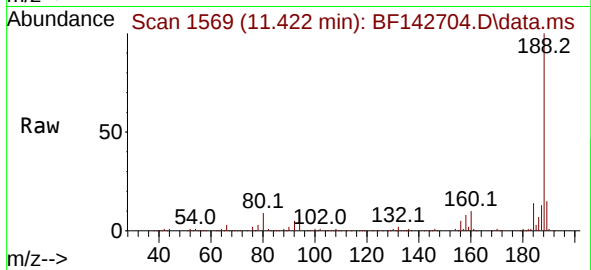
Tgt Ion:188 Resp: 225221

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

80 8.9 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.817 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF142704.D

Acq: 10 Jun 2025 11:13

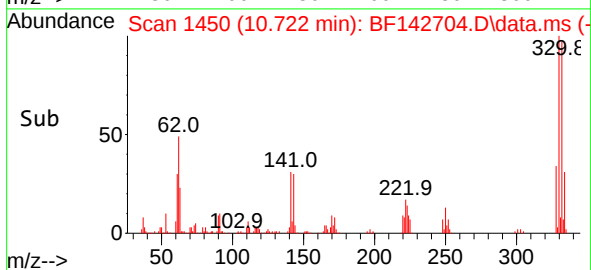
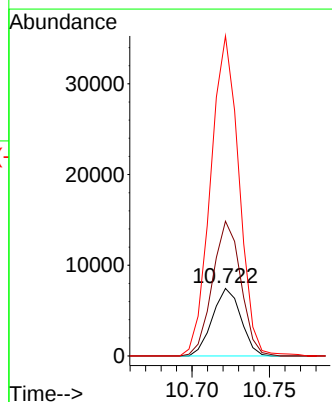
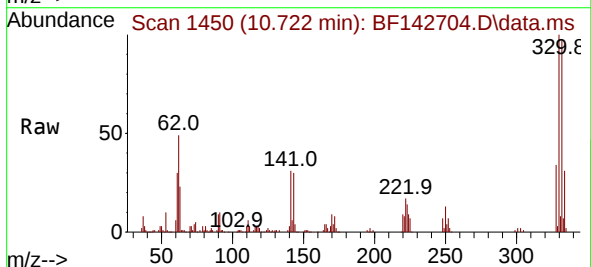
Tgt Ion:248 Resp: 9502

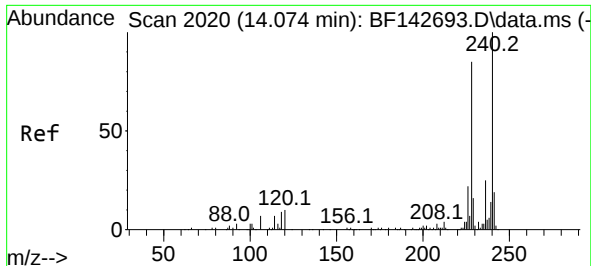
Ion Ratio Lower Upper

248 100

250 199.5 79.1 118.7#

141 473.6 58.5 87.7#

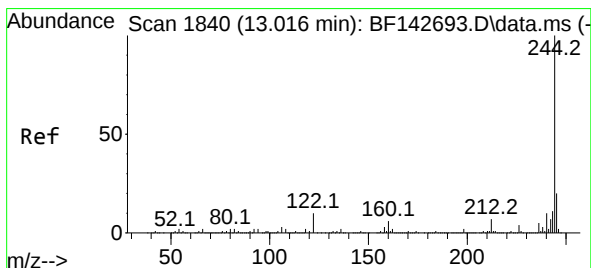
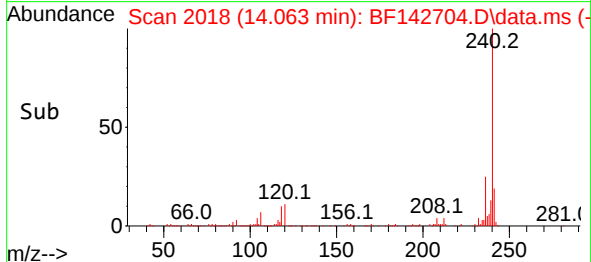
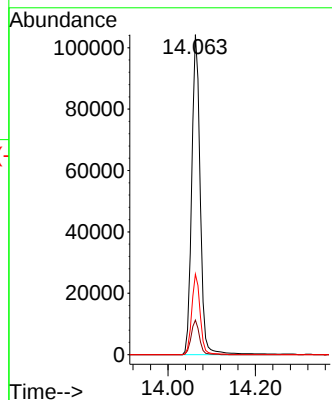
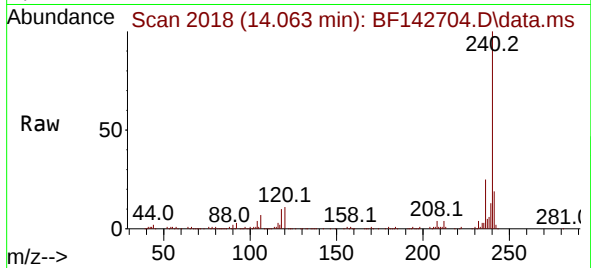




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142704.D
Acq: 10 Jun 2025 11:13

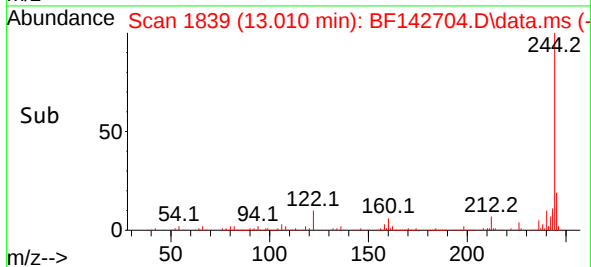
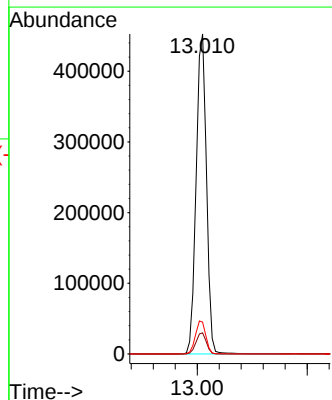
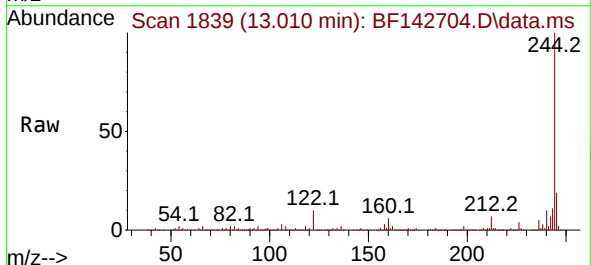
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-36-060525

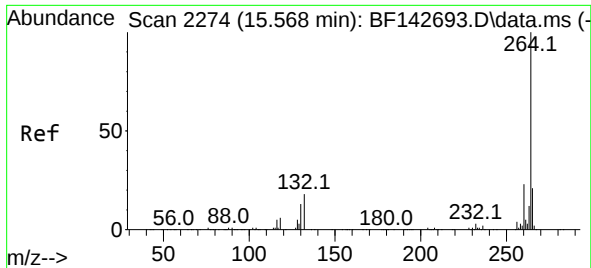
Tgt Ion:240 Resp: 140912
Ion Ratio Lower Upper
240 100
120 10.8 8.4 12.6
236 25.2 20.2 30.2



#79
Terphenyl-d14
Concen: 66.184 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142704.D
Acq: 10 Jun 2025 11:13

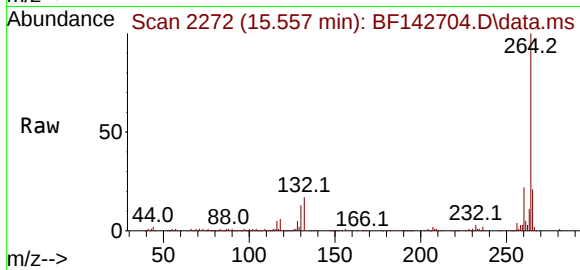
Tgt Ion:244 Resp: 589689
Ion Ratio Lower Upper
244 100
212 6.6 5.3 7.9
122 10.0 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142704.D
Acq: 10 Jun 2025 11:13

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-36-060525



Tgt Ion:264 Resp: 168989
Ion Ratio Lower Upper
264 100
260 22.4 18.5 27.7
265 21.1 17.0 25.4

