

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061025\
 Data File : BF142705.D
 Acq On : 10 Jun 2025 11:42
 Operator : RC/JU
 Sample : Q2259-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-37-060525

Quant Time: Jun 10 12:25:29 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	75387	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	295072	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	163176	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	267108	20.000	ng	0.00
76) Chrysene-d12	14.063	240	167914	20.000	ng	-0.01
86) Perylene-d12	15.557	264	224529	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	347997	78.380	ng	0.00
7) Phenol-d6	6.516	99	421183	80.893	ng	-0.02
23) Nitrobenzene-d5	7.451	82	287322	53.513	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	146843	80.098	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	680719	57.051	ng	-0.01
79) Terphenyl-d14	13.004	244	616656	58.081	ng	-0.01

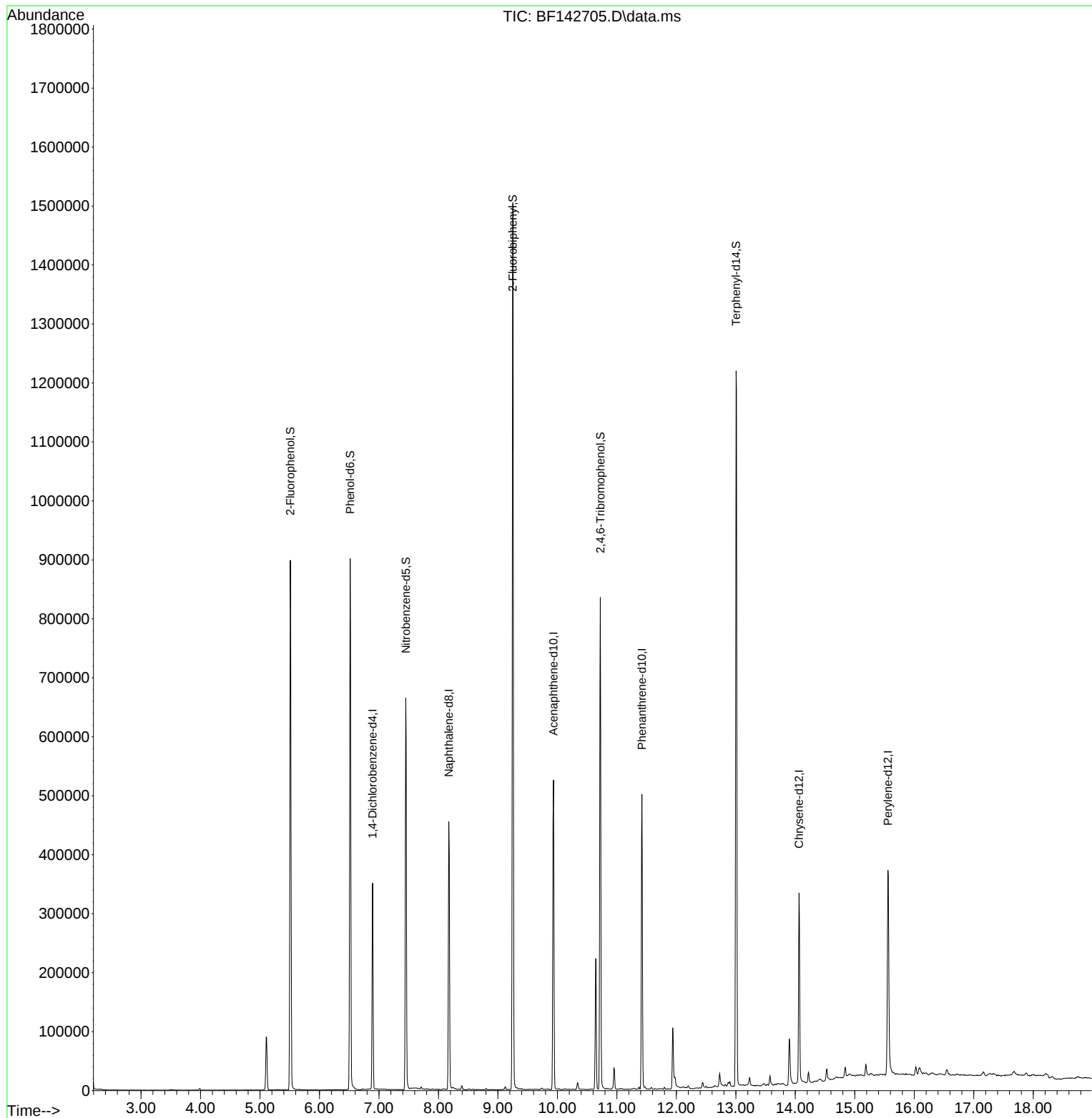
Target Compounds	Qvalue

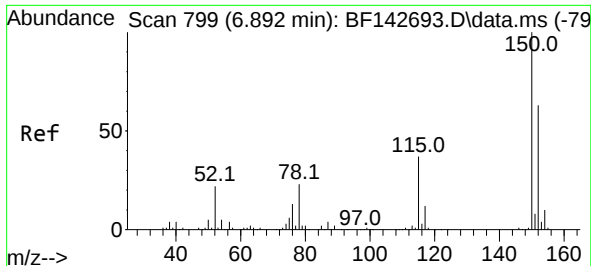
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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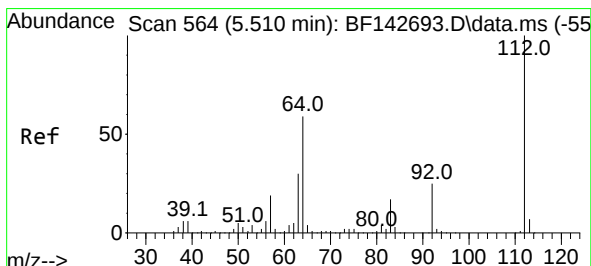
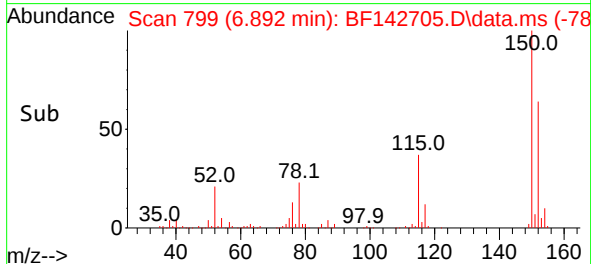
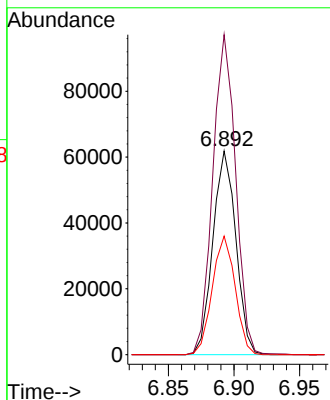
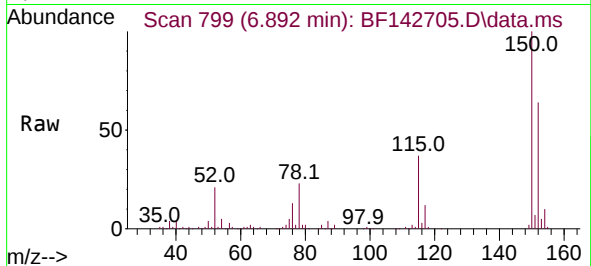




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF142705.D
Acq: 10 Jun 2025 11:42

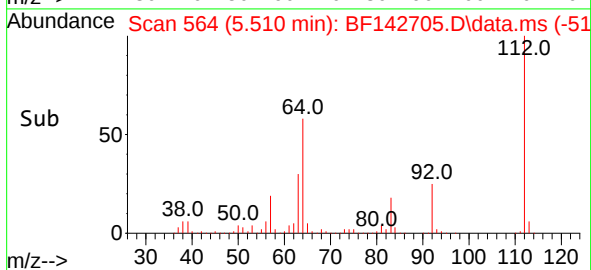
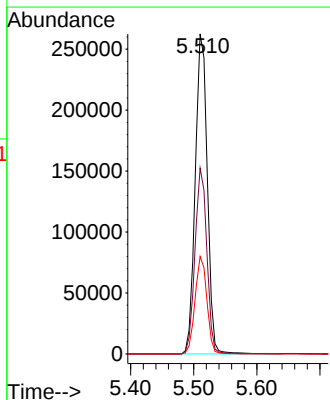
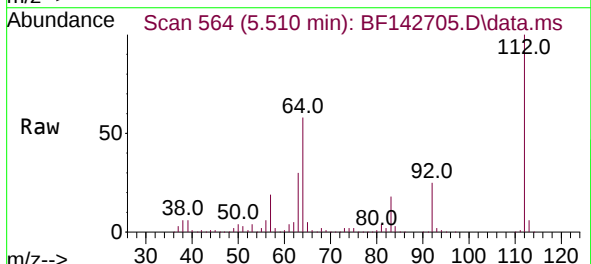
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-37-060525

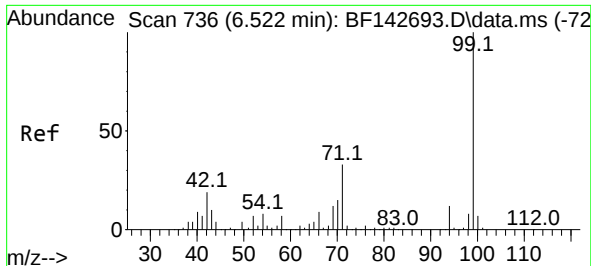
Tgt Ion:152 Resp: 75387
Ion Ratio Lower Upper
152 100
150 157.1 126.8 190.2
115 58.2 46.8 70.2



#5
2-Fluorophenol
Concen: 78.380 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142705.D
Acq: 10 Jun 2025 11:42

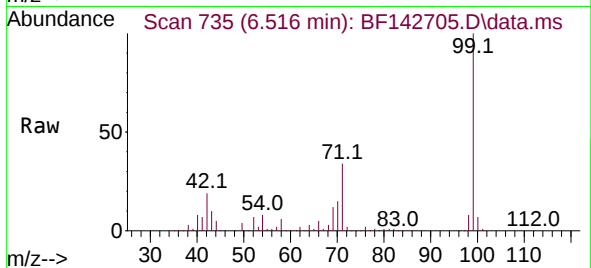
Tgt Ion:112 Resp: 347997
Ion Ratio Lower Upper
112 100
64 58.1 46.9 70.3
63 30.5 24.3 36.5



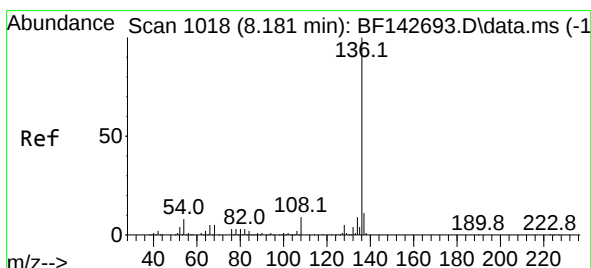
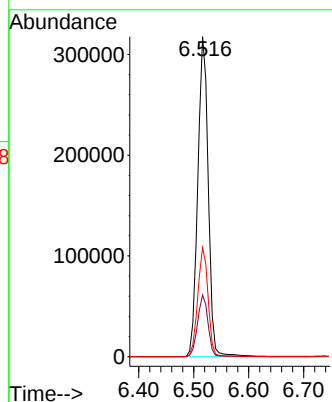
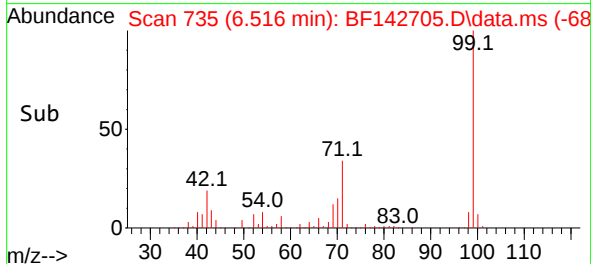


#7
Phenol-d6
Concen: 80.893 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142705.D
Acq: 10 Jun 2025 11:42

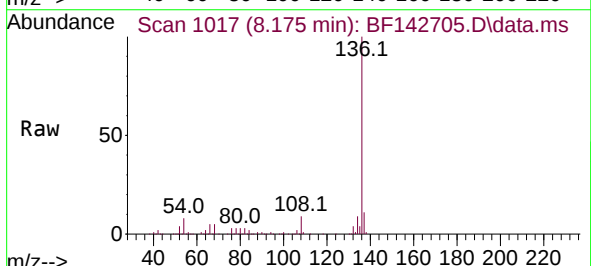
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-37-060525



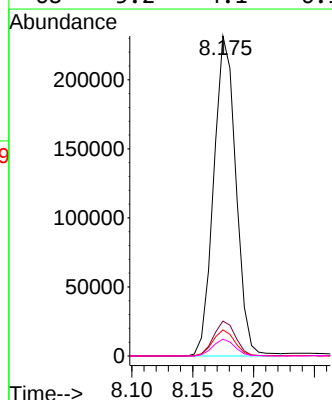
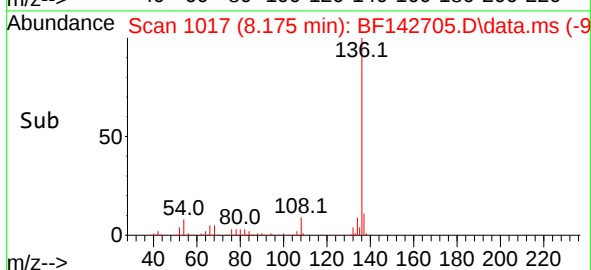
Tgt Ion: 99 Resp: 421183
Ion Ratio Lower Upper
99 100
42 19.3 15.3 22.9
71 34.1 26.3 39.5

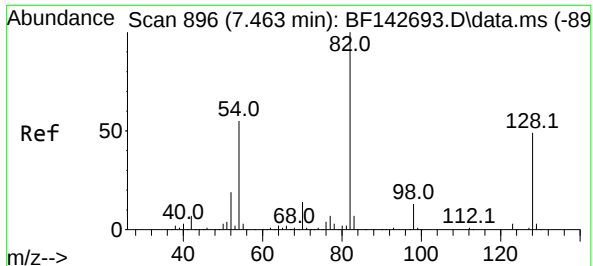


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF142705.D
Acq: 10 Jun 2025 11:42



Tgt Ion: 136 Resp: 295072
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.1 6.4 9.6
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 53.513 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF142705.D

Acq: 10 Jun 2025 11:42

Instrument :

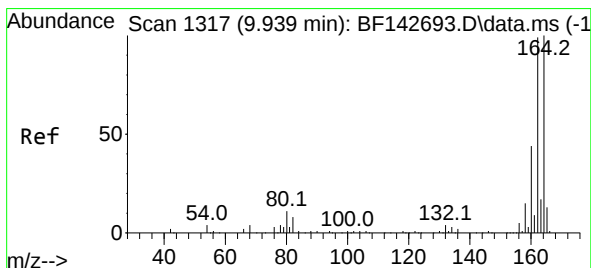
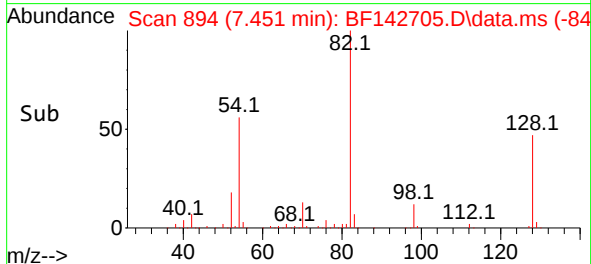
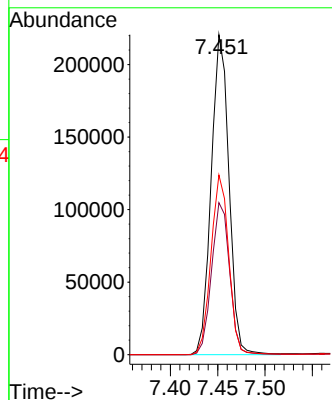
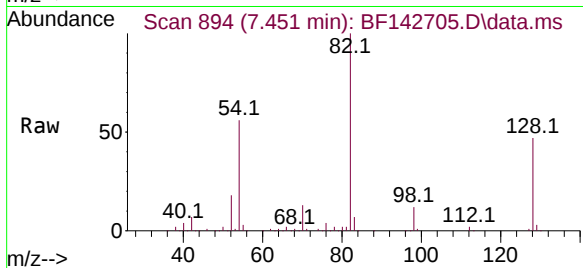
BNA_F

ClientSampleId :

OU4-PCS-TC-37-060525

Tgt Ion: 82 Resp: 287322

Ion	Ratio	Lower	Upper
82	100		
128	47.5	39.3	58.9
54	56.2	44.2	66.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

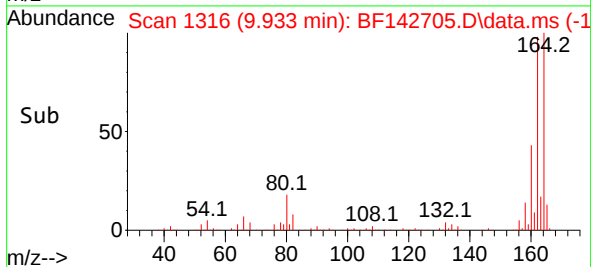
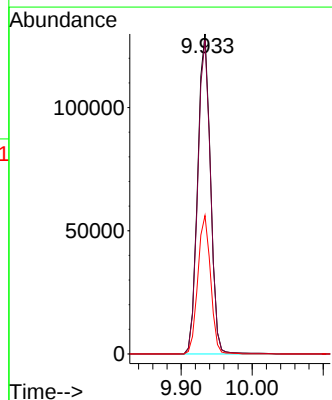
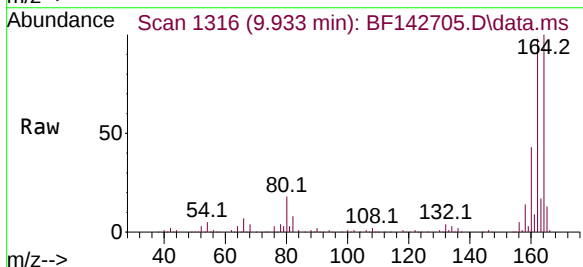
Delta R.T. -0.006 min

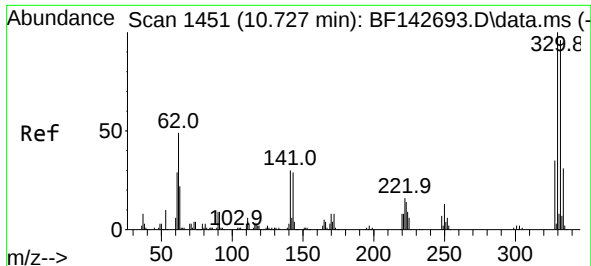
Lab File: BF142705.D

Acq: 10 Jun 2025 11:42

Tgt Ion: 164 Resp: 163176

Ion	Ratio	Lower	Upper
164	100		
162	98.0	79.1	118.7
160	43.2	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 80.098 ng

RT: 10.722 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF142705.D

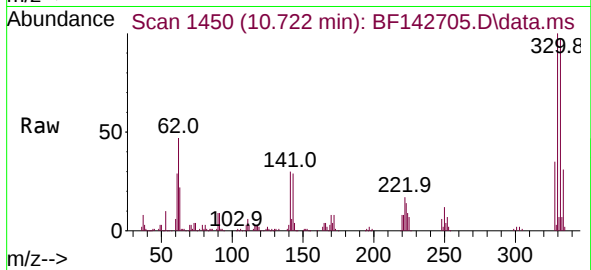
Acq: 10 Jun 2025 11:42

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-37-060525



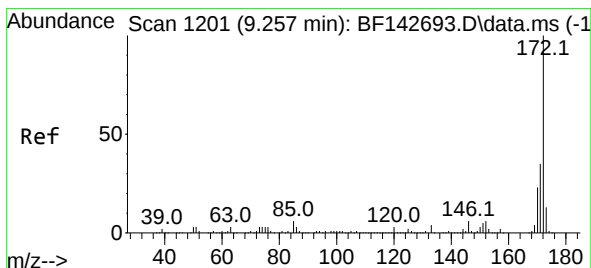
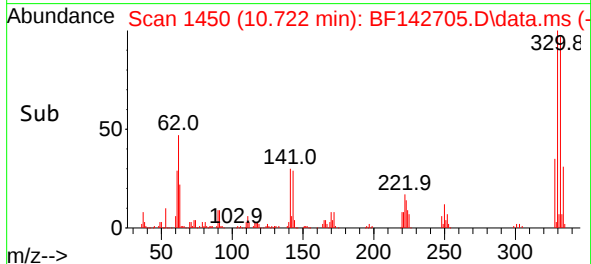
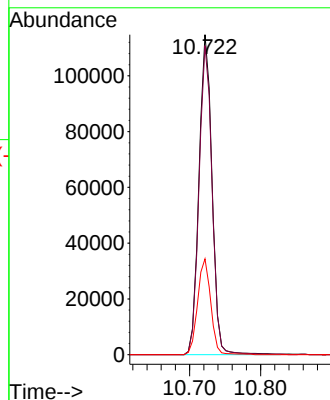
Tgt Ion:330 Resp: 146843

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 30.1 23.5 35.3



#45

2-Fluorobiphenyl

Concen: 57.051 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF142705.D

Acq: 10 Jun 2025 11:42

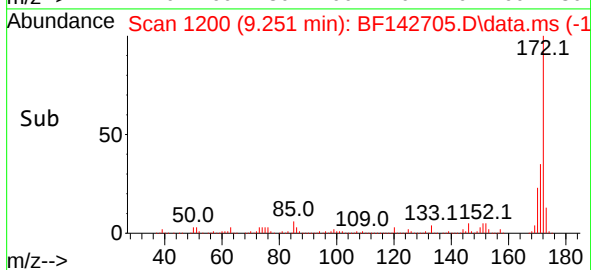
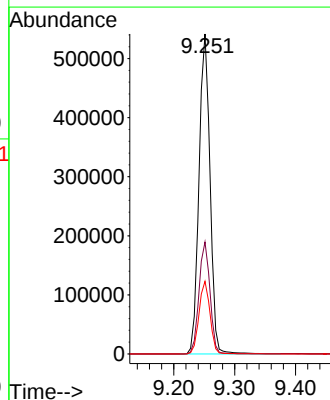
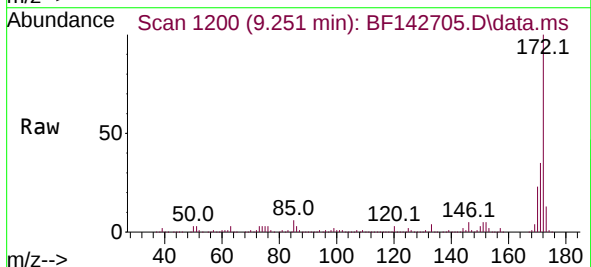
Tgt Ion:172 Resp: 680719

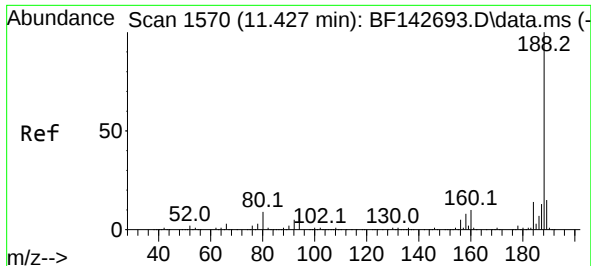
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 22.7 18.7 28.1

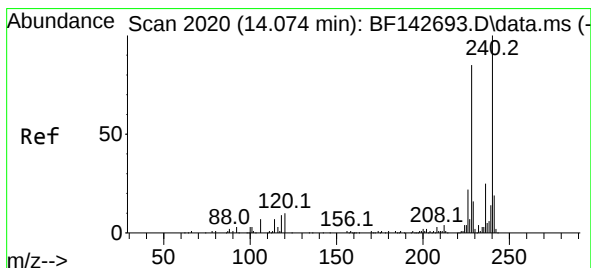
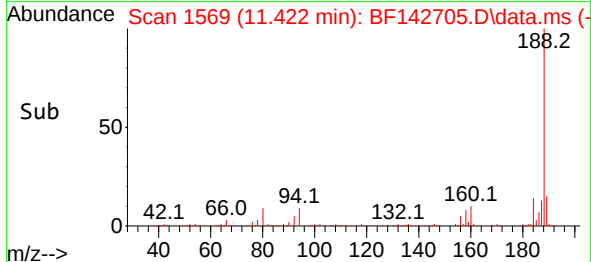
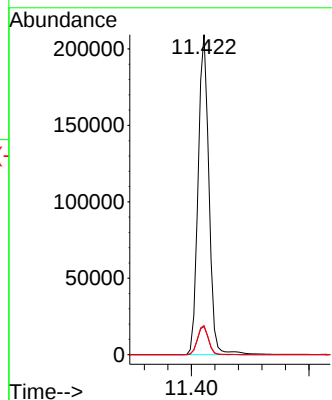
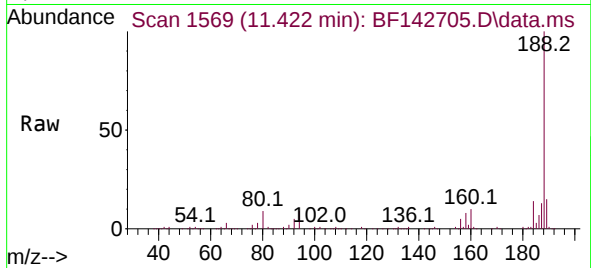




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142705.D
Acq: 10 Jun 2025 11:42

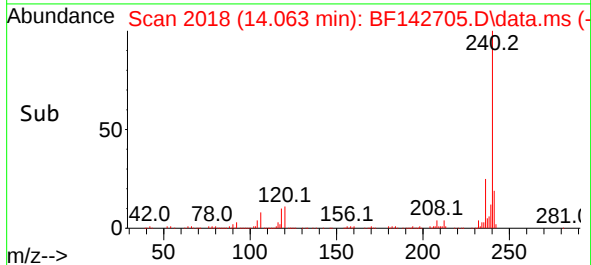
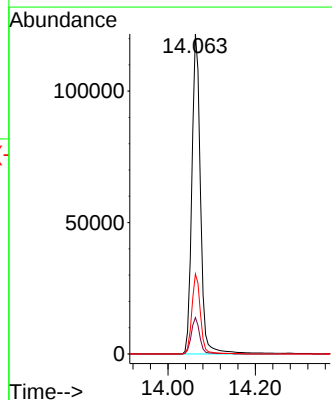
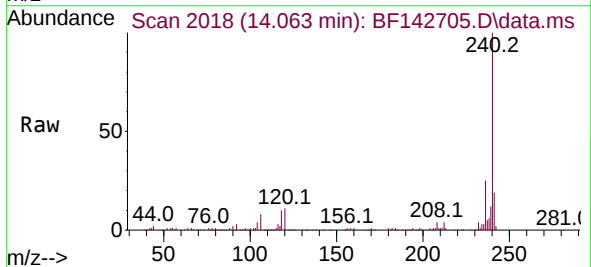
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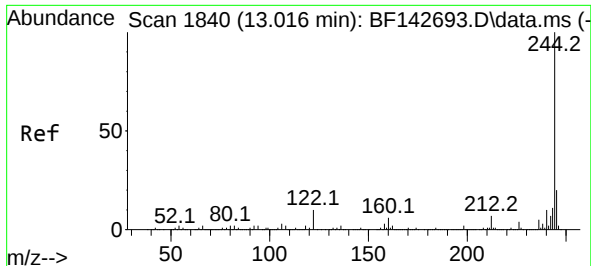
Tgt Ion:188 Resp: 267108
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.1 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142705.D
Acq: 10 Jun 2025 11:42

Tgt Ion:240 Resp: 167914
Ion Ratio Lower Upper
240 100
120 11.4 8.4 12.6
236 25.0 20.2 30.2

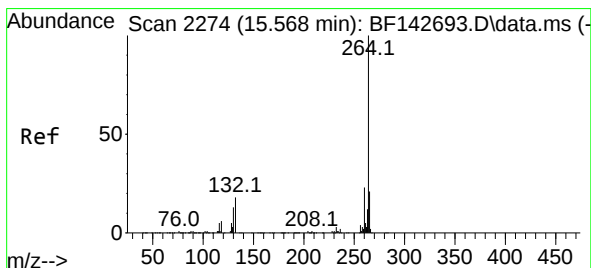
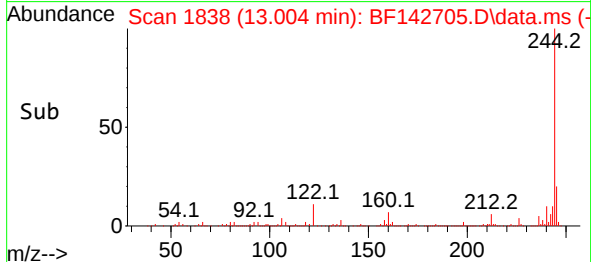
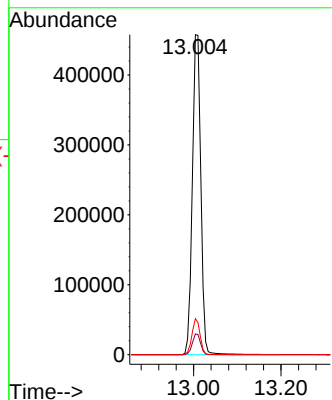
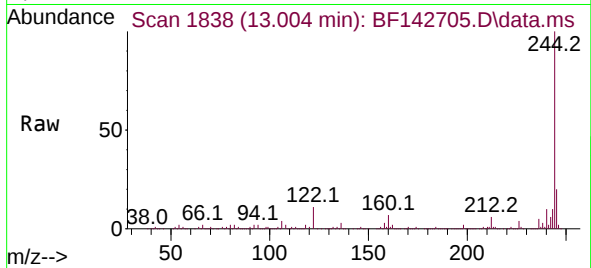




#79
 Terphenyl-d14
 Concen: 58.081 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF142705.D
 Acq: 10 Jun 2025 11:42

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-37-060525

Tgt Ion:244 Resp: 616656
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 11.3 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142705.D
 Acq: 10 Jun 2025 11:42

Tgt Ion:264 Resp: 224529
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.5 27.7
 265 21.1 17.0 25.4

