

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142462.D
 Acq On : 19 May 2025 20:23
 Operator : RC/JU
 Sample : Q1984-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-TS-27-050725

Quant Time: May 20 05:50:36 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	87510	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	337044	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	184904	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	304748	20.000	ng	0.00
76) Chrysene-d12	14.063	240	224988	20.000	ng	0.00
86) Perylene-d12	15.557	264	187206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	391778	76.425	ng	0.00
7) Phenol-d6	6.522	99	476368	75.554	ng	0.00
23) Nitrobenzene-d5	7.463	82	284385	51.459	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	142281	79.700	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	595701	45.937	ng	0.00
79) Terphenyl-d14	13.010	244	528332	34.757	ng	0.00

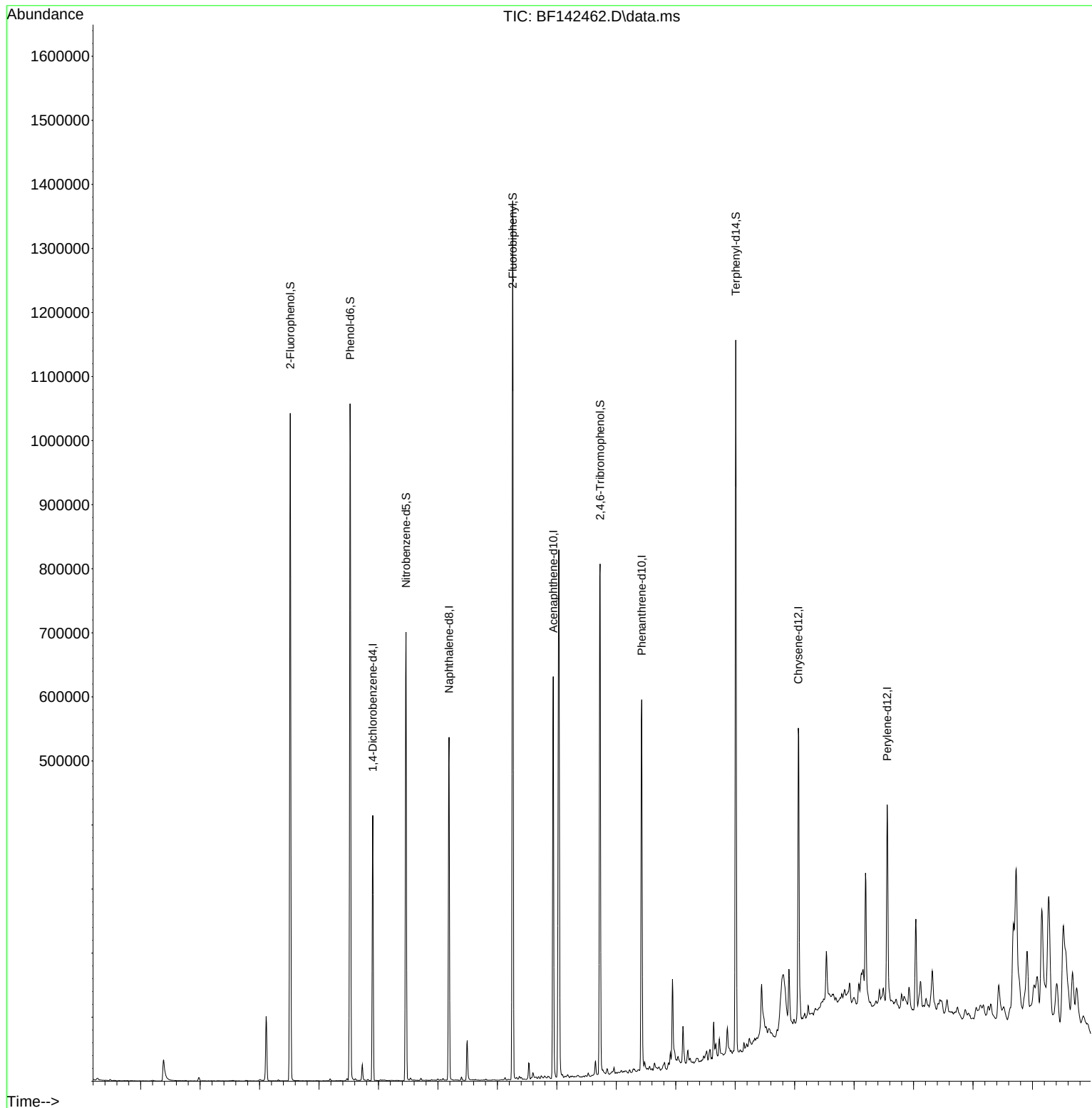
Target Compounds Qvalue

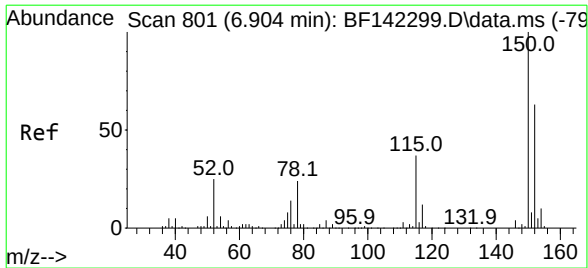
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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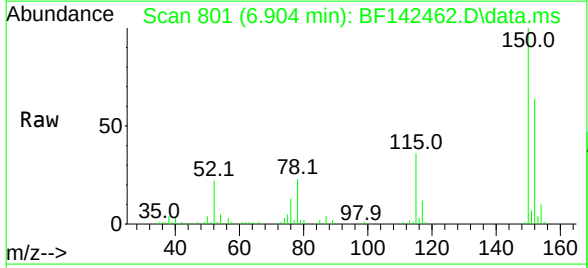
Quant Time: May 20 05:50:36 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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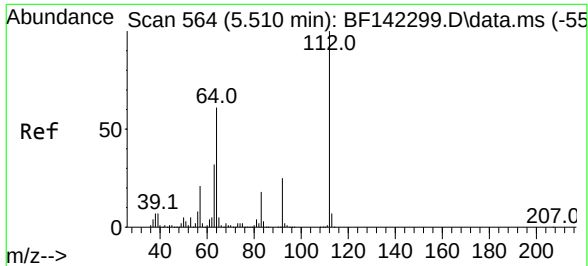
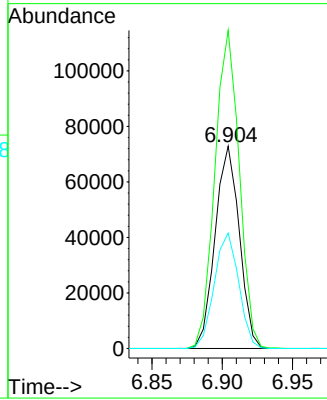
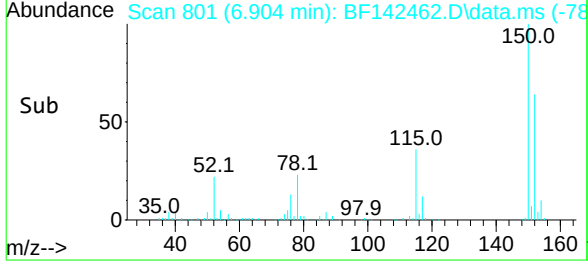


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23

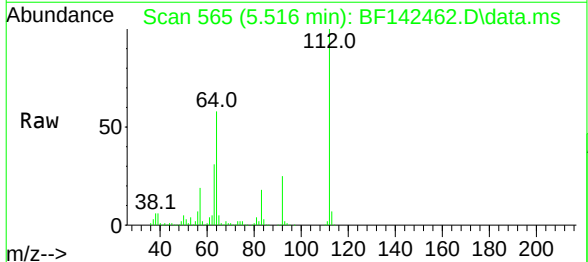
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BNA_F
ClientSampleId :
OU4-TS-27-050725



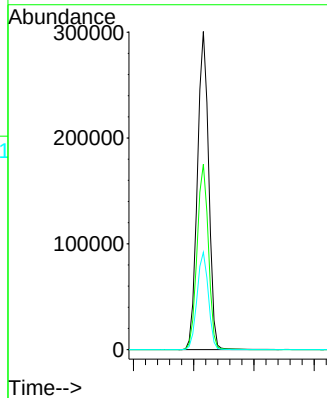
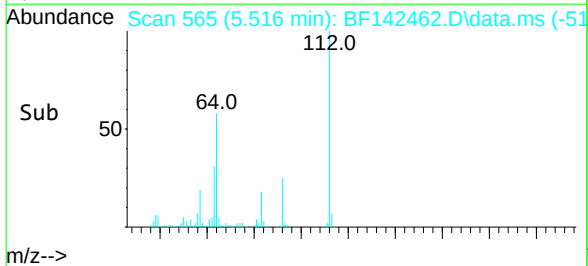
Tgt Ion:152 Resp: 87510
Ion Ratio Lower Upper
152 100
150 157.2 126.6 190.0
115 57.1 47.3 70.9

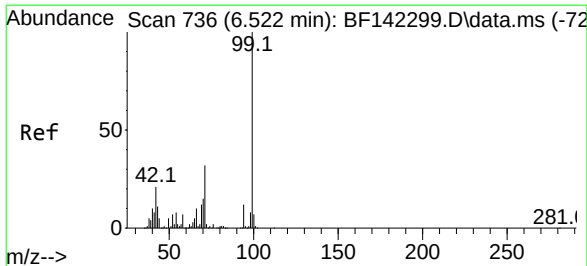


#5
2-Fluorophenol
Concen: 76.425 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23



Tgt Ion:112 Resp: 391778
Ion Ratio Lower Upper
112 100
64 58.3 48.9 73.3
63 30.6 25.6 38.4

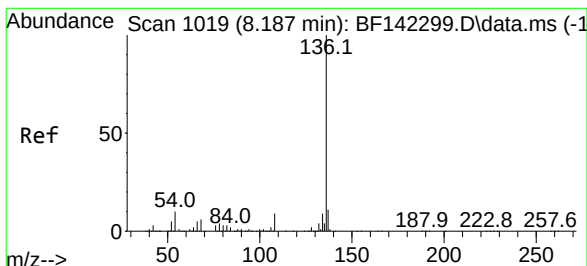
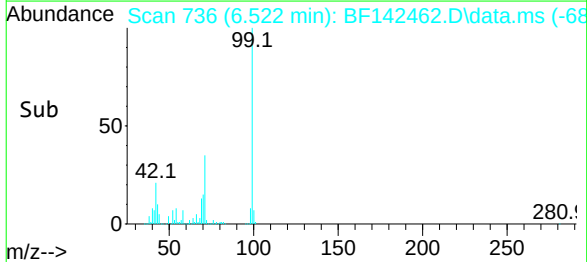
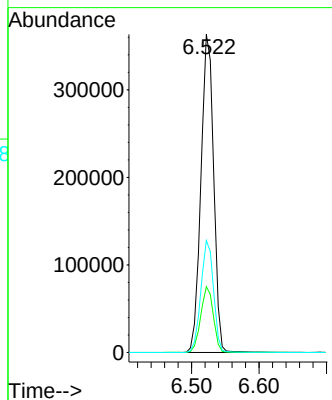
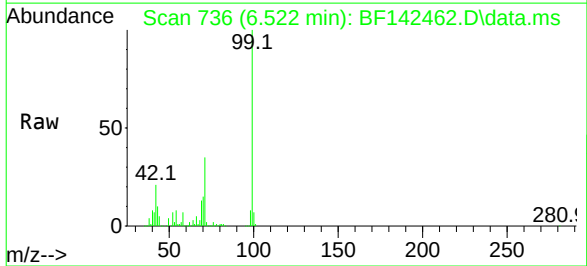




#7
Phenol-d6
Concen: 75.554 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23

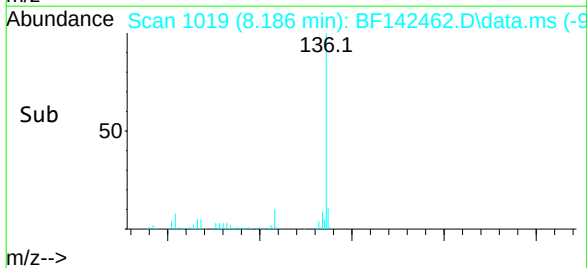
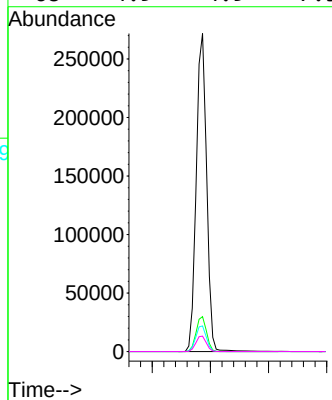
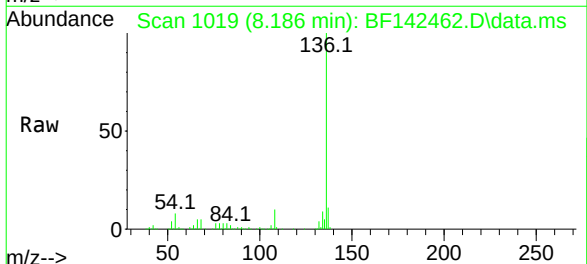
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ClientSampleId :
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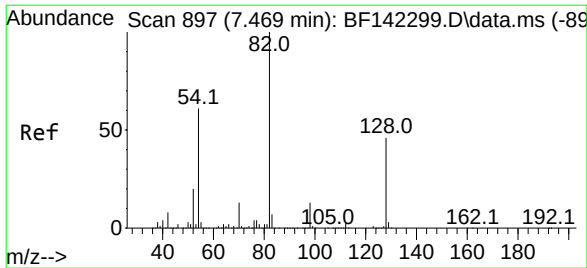
Tgt Ion: 99 Resp: 476368
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.4
71 35.2 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23

Tgt Ion: 136 Resp: 337044
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.1 7.7 11.5
68 4.9 4.9 7.3#

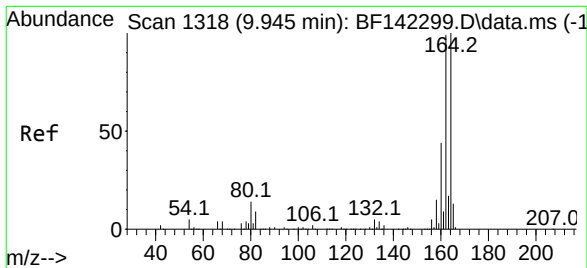
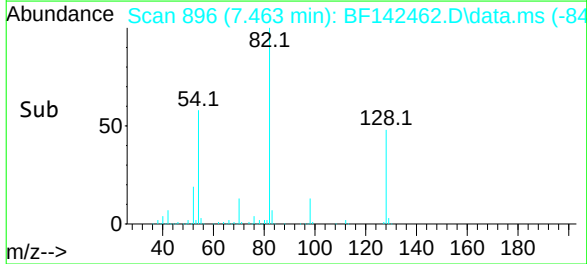
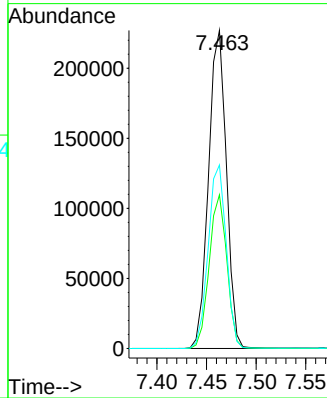
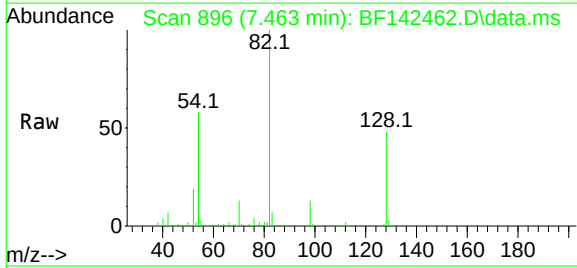




#23
Nitrobenzene-d5
Concen: 51.459 ng
RT: 7.463 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23

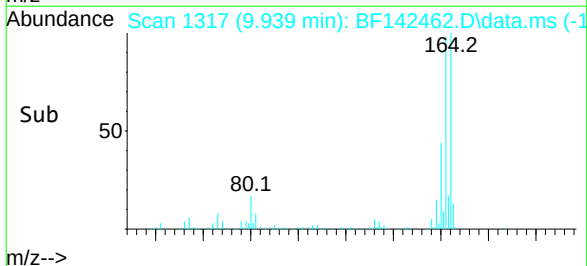
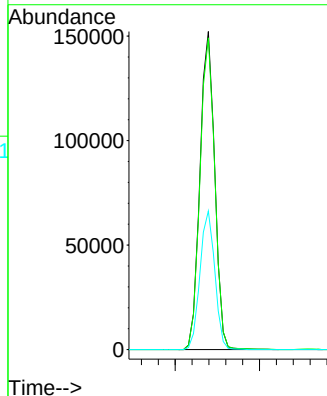
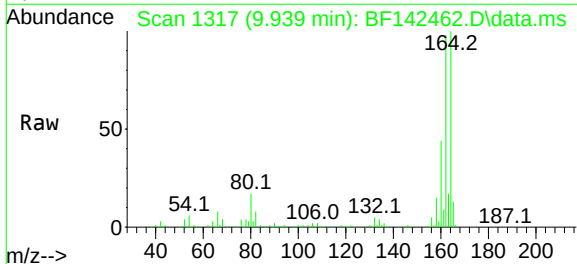
Instrument :
BNA_F
ClientSampleId :
OU4-TS-27-050725

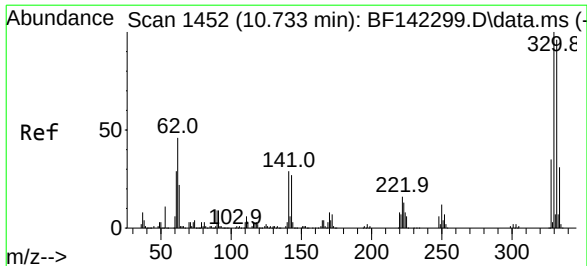
Tgt Ion: 82 Resp: 284385
Ion Ratio Lower Upper
82 100
128 48.3 37.0 55.6
54 57.7 48.6 73.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23

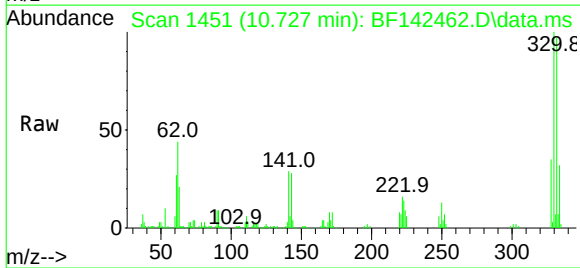
Tgt Ion: 164 Resp: 184904
Ion Ratio Lower Upper
164 100
162 98.0 79.2 118.8
160 43.6 35.3 52.9



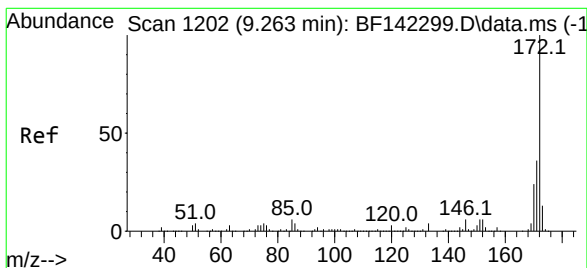
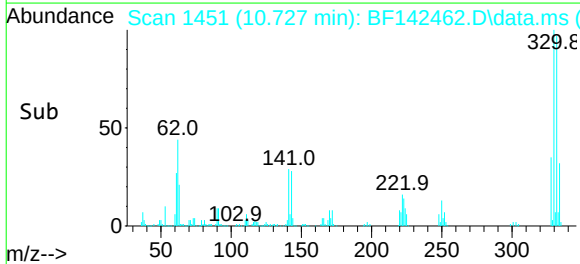
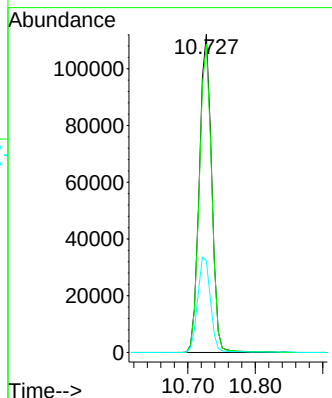


#42
2,4,6-Tribromophenol
Concen: 79.700 ng
RT: 10.727 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23

Instrument :
BNA_F
ClientSampleId :
OU4-TS-27-050725

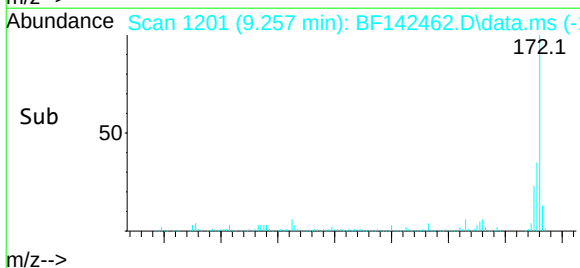
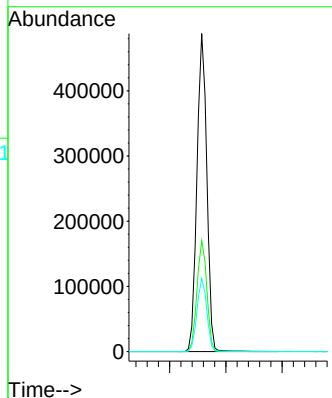
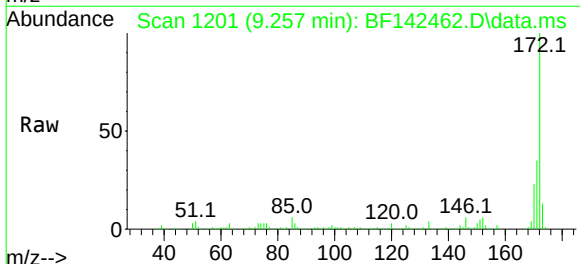


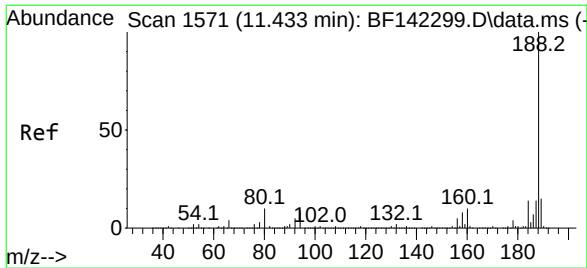
Tgt Ion: 330 Resp: 142281
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 31.5 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 45.937 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23

Tgt Ion: 172 Resp: 595701
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.0 19.0 28.4

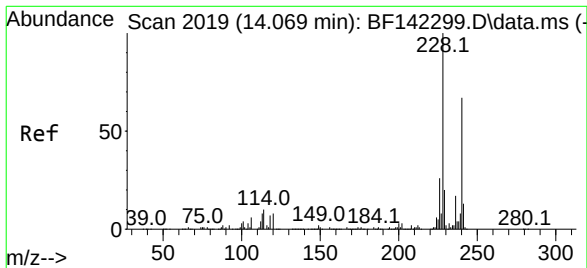
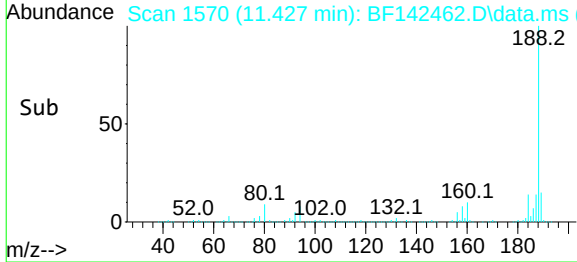
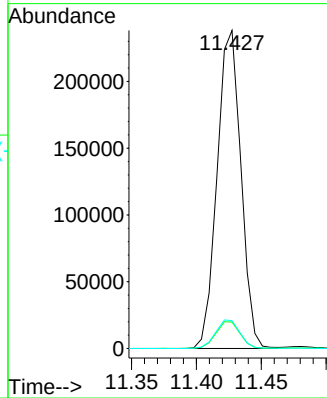
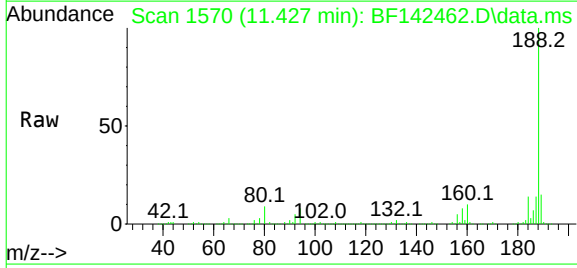




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23

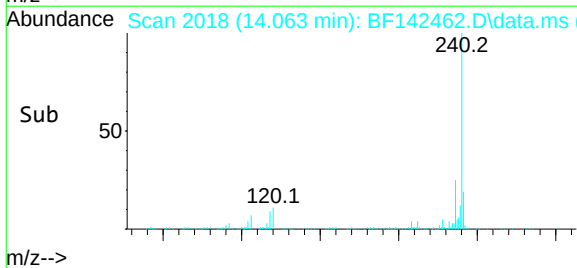
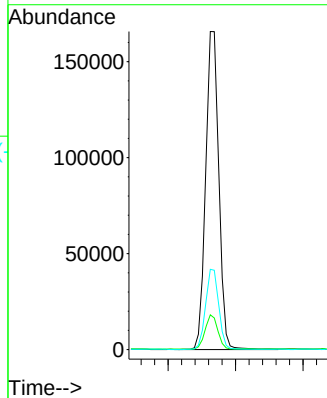
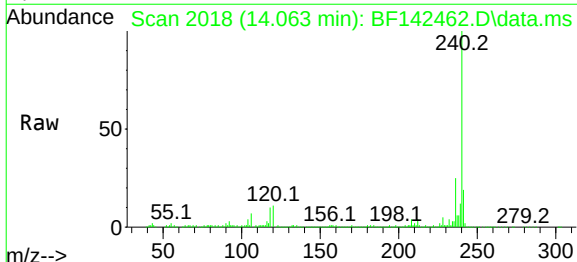
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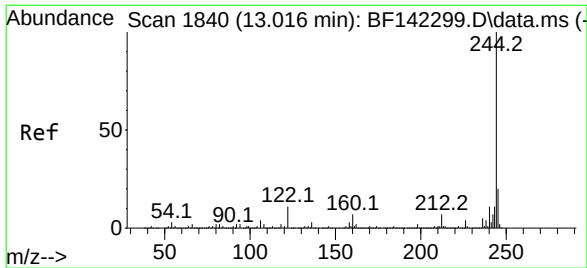
Tgt Ion:	188	Resp:	304748
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.5	11.3
80	8.8	7.9	11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142462.D
Acq: 19 May 2025 20:23

Tgt Ion:	240	Resp:	224988
Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.7	14.5
236	25.2	20.0	30.0





#79

Terphenyl-d14

Concen: 34.757 ng

RT: 13.010 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142462.D

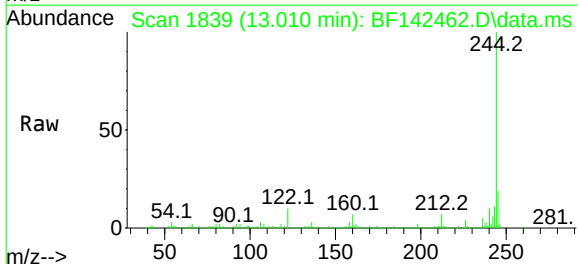
Acq: 19 May 2025 20:23

Instrument :

BNA_F

ClientSampleId :

OU4-TS-27-050725



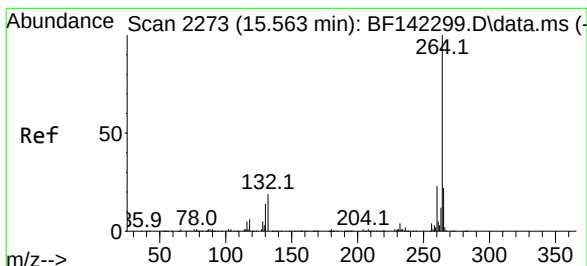
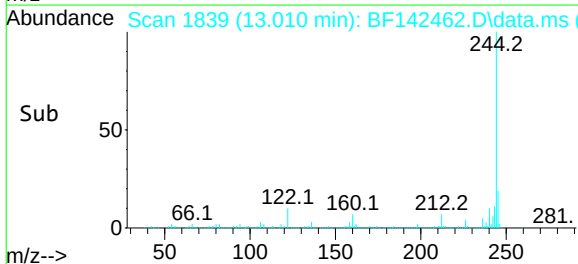
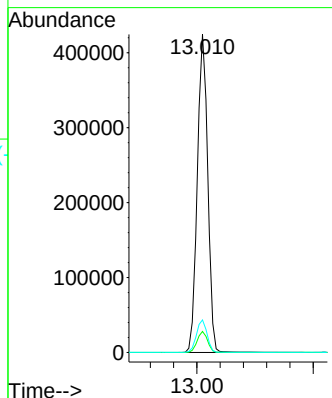
Tgt Ion:244 Resp: 528332

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.2 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142462.D

Acq: 19 May 2025 20:23

Tgt Ion:264 Resp: 187206

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.8 17.5 26.3

