

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142453.D
 Acq On : 19 May 2025 16:02
 Operator : RC/JU
 Sample : Q1984-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-34-050725

Quant Time: May 19 16:28:09 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	112628	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	431189	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	235493	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	418589	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	258937	20.000	ng	0.00
86) Perylene-d12	15.557	264	253670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	540633	81.943	ng	0.00
7) Phenol-d6	6.522	99	665578	82.021	ng	0.00
23) Nitrobenzene-d5	7.463	82	402183	56.885	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	218903	96.279	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	873762	52.905	ng	0.00
79) Terphenyl-d14	13.010	244	926074	52.935	ng	0.00

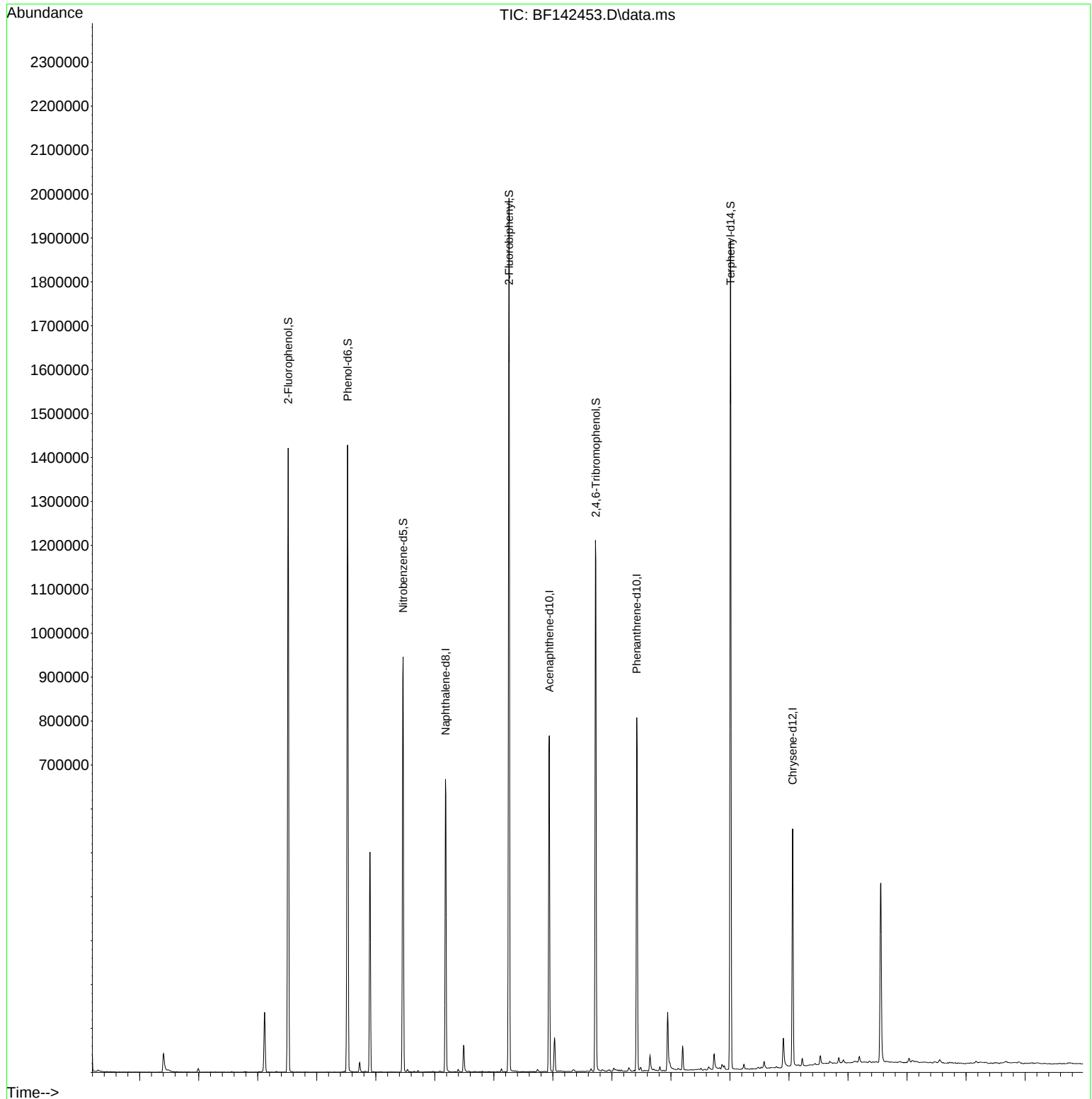
Target Compounds Qvalue

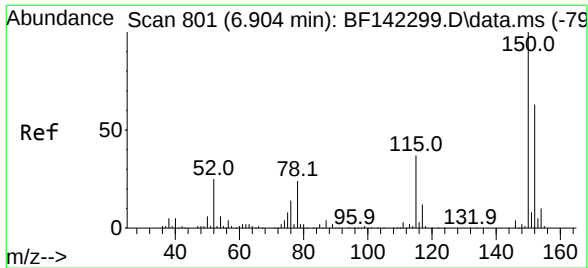
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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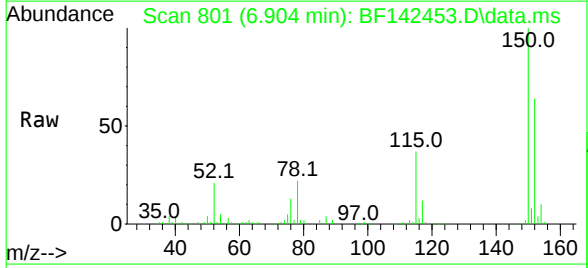
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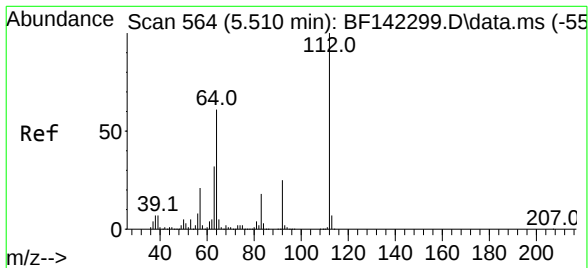
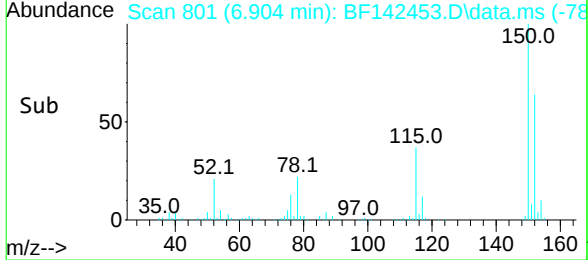
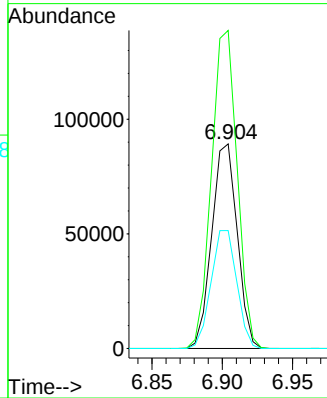


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-34-050725

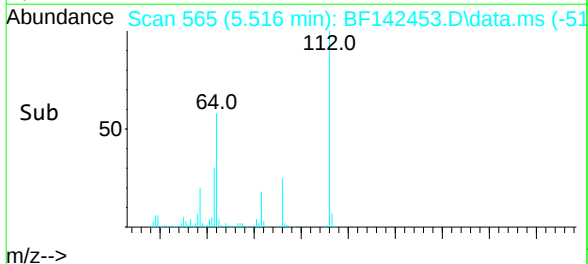
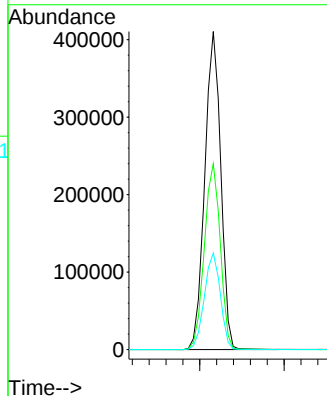
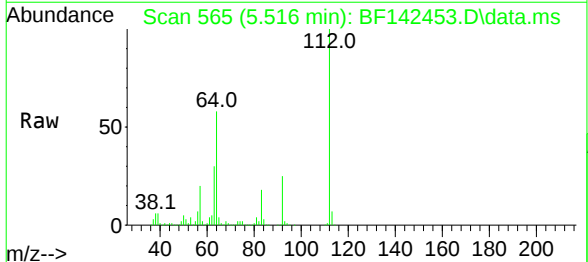


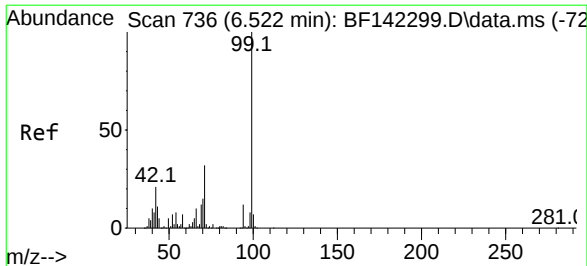
Tgt Ion:152 Resp: 112628
Ion Ratio Lower Upper
152 100
150 155.5 126.6 190.0
115 57.6 47.3 70.9



#5
2-Fluorophenol
Concen: 81.943 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02

Tgt Ion:112 Resp: 540633
Ion Ratio Lower Upper
112 100
64 58.4 48.9 73.3
63 30.3 25.6 38.4

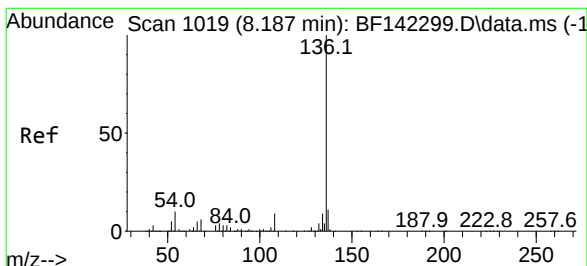
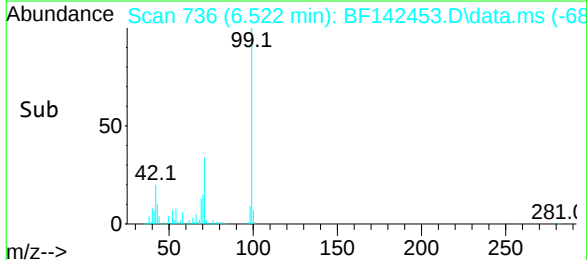
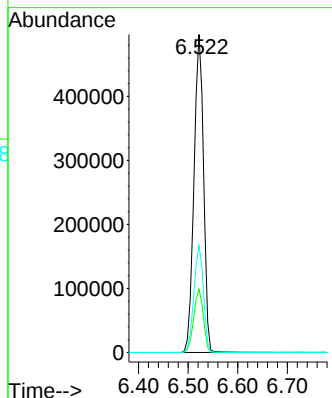
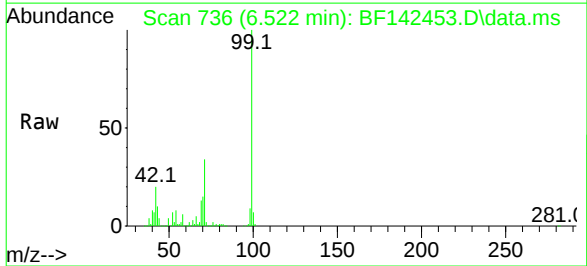




#7
Phenol-d6
Concen: 82.021 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02

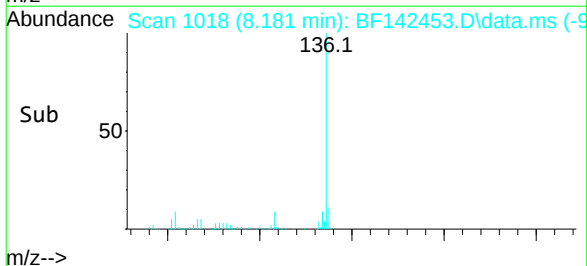
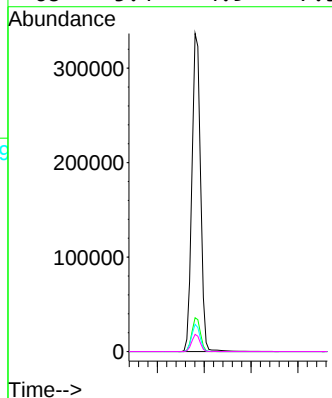
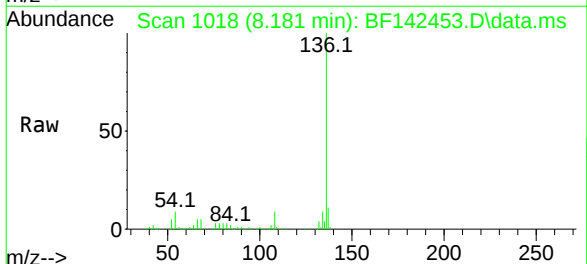
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-34-050725

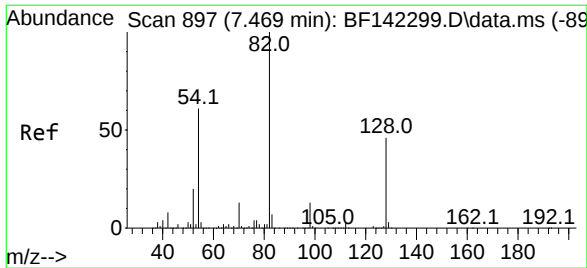
Tgt Ion:	99	Resp:	665578
Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.0	25.4
71	33.6	25.8	38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02

Tgt Ion:	136	Resp:	431189
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.6	7.7	11.5
68	5.4	4.9	7.3

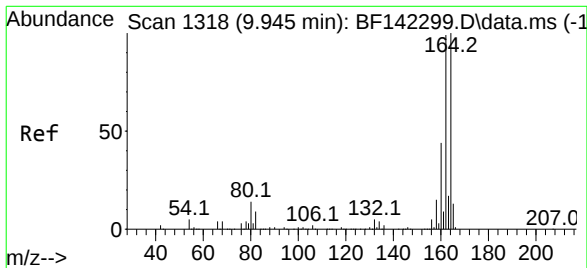
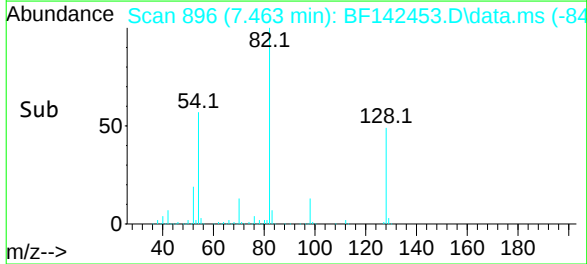
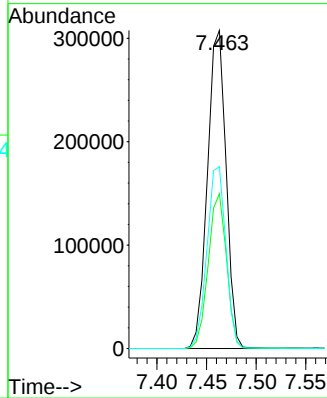
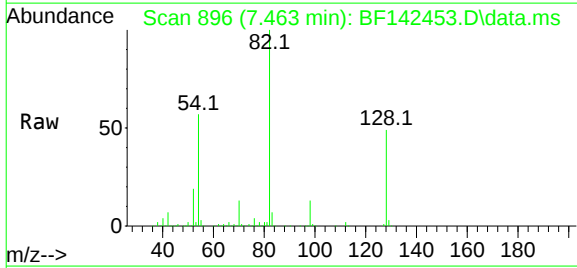




#23
Nitrobenzene-d5
Concen: 56.885 ng
RT: 7.463 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02

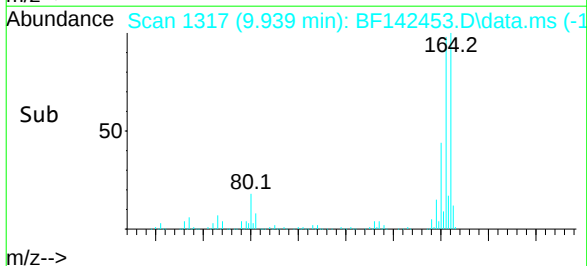
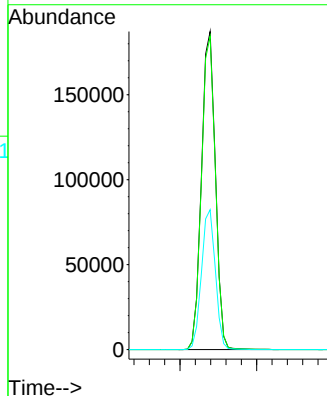
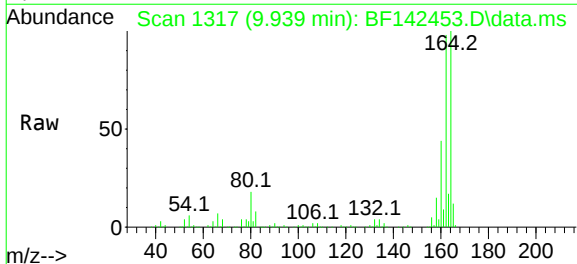
Instrument :
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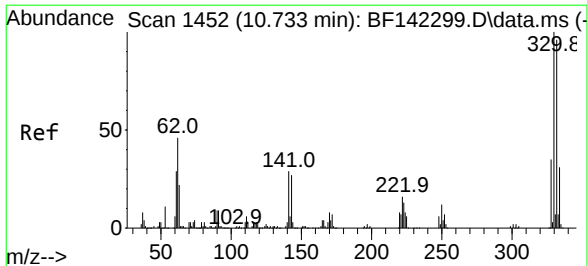
Tgt Ion:	82	Resp:	402183
Ion	Ratio	Lower	Upper
82	100		
128	48.7	37.0	55.6
54	57.2	48.6	73.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02

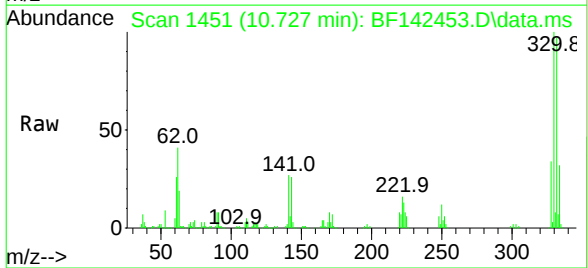
Tgt Ion:	164	Resp:	235493
Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.2	118.8
160	44.0	35.3	52.9



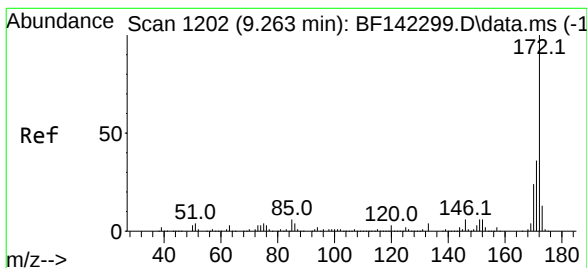
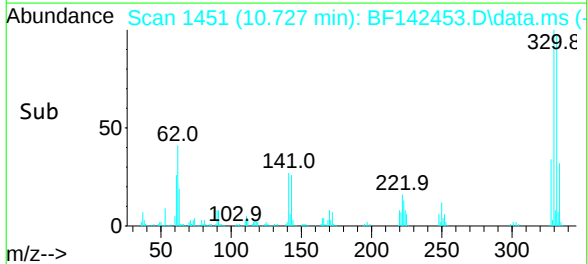
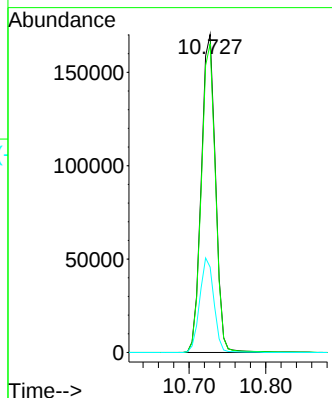


#42
2,4,6-Tribromophenol
Concen: 96.279 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-34-050725

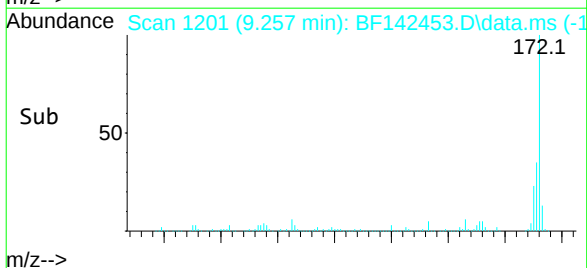
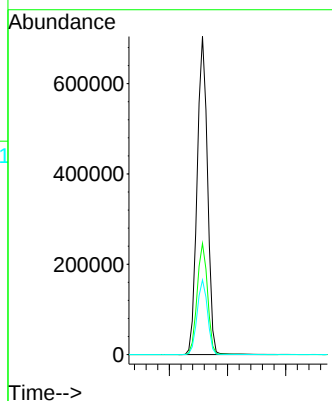
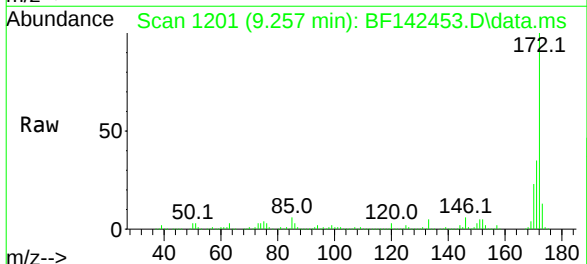


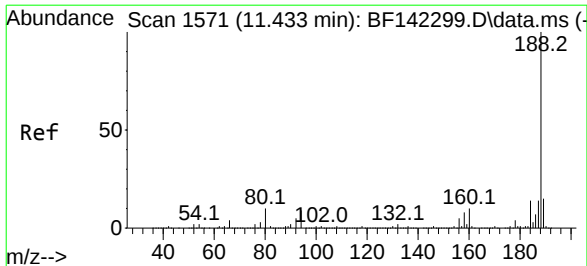
Tgt Ion: 330 Resp: 218903
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 29.8 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 52.905 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142453.D
Acq: 19 May 2025 16:02

Tgt Ion: 172 Resp: 873762
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 15

Delta R.T. -0.012 min

Lab File: BF142453.D

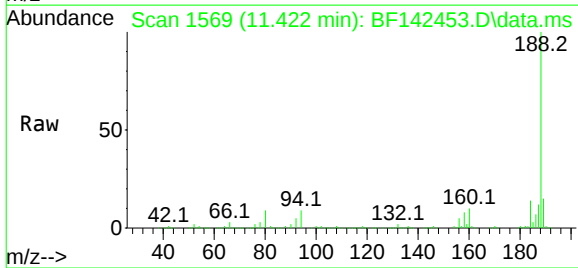
Acq: 19 May 2025 16:02

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-34-050725



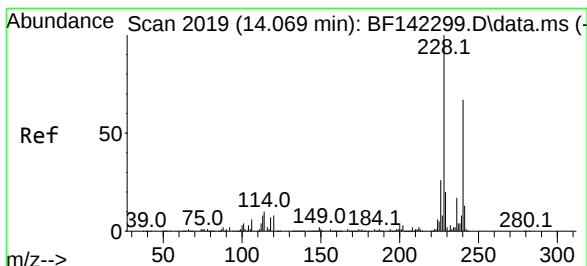
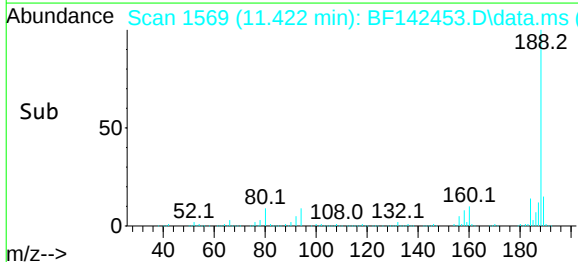
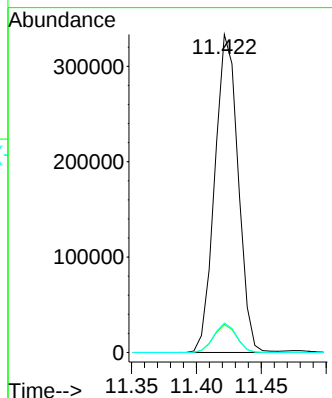
Tgt Ion:188 Resp: 418589

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

80 9.2 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: BF142453.D

Acq: 19 May 2025 16:02

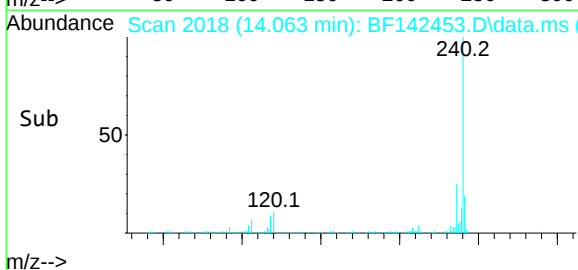
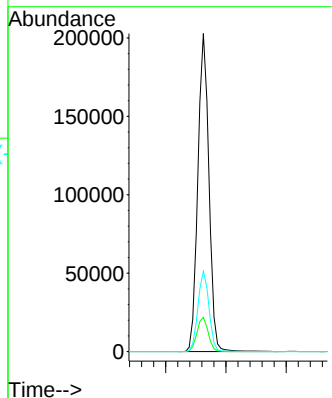
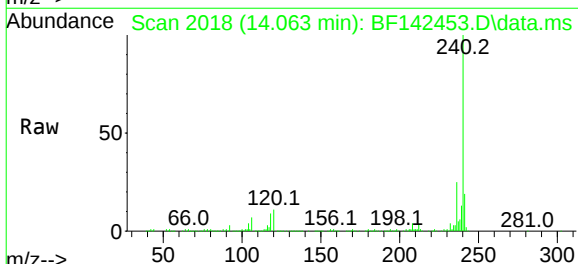
Tgt Ion:240 Resp: 258937

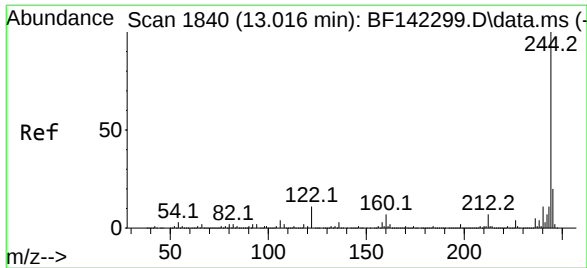
Ion Ratio Lower Upper

240 100

120 10.8 9.7 14.5

236 25.3 20.0 30.0





#79

Terphenyl-d14

Concen: 52.935 ng

RT: 13.010 min Scan# 18

Delta R.T. -0.006 min

Lab File: BF142453.D

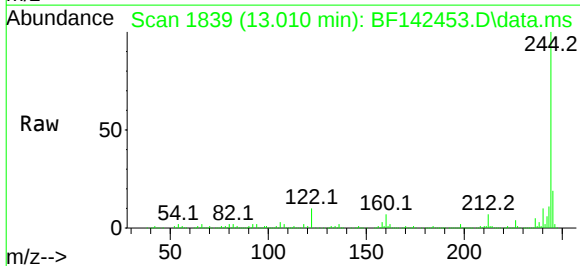
Acq: 19 May 2025 16:02

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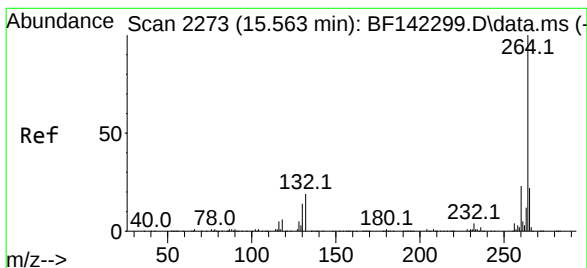
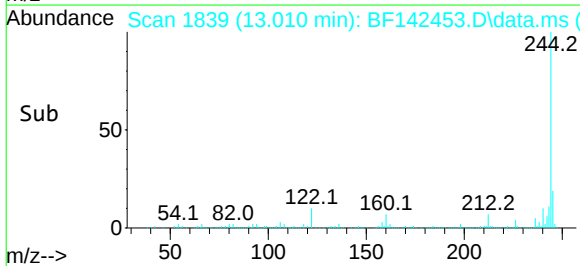
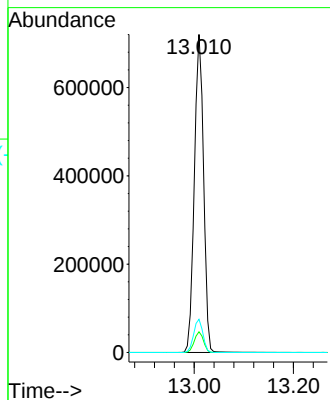
Tgt Ion:244 Resp: 926074

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 10.5 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: BF142453.D

Acq: 19 May 2025 16:02

Tgt Ion:264 Resp: 253670

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

265 21.6 17.5 26.3

