

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142449.D
 Acq On : 19 May 2025 14:06
 Operator : RC/JU
 Sample : Q2048-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L2-WC-1

Quant Time: May 19 15:02:25 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	6.898	152	135470	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	503846	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	289365	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	515427	20.000	ng	0.00
76) Chrysene-d12	14.063	240	308529	20.000	ng	0.00
86) Perylene-d12	15.557	264	293494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	606783	76.462	ng	0.00
7) Phenol-d6	6.522	99	849648	87.050	ng	0.00
23) Nitrobenzene-d5	7.457	82	436969	52.892	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	267438	95.727	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	987469	48.659	ng	0.00
79) Terphenyl-d14	13.010	244	1081699	51.892	ng	0.00

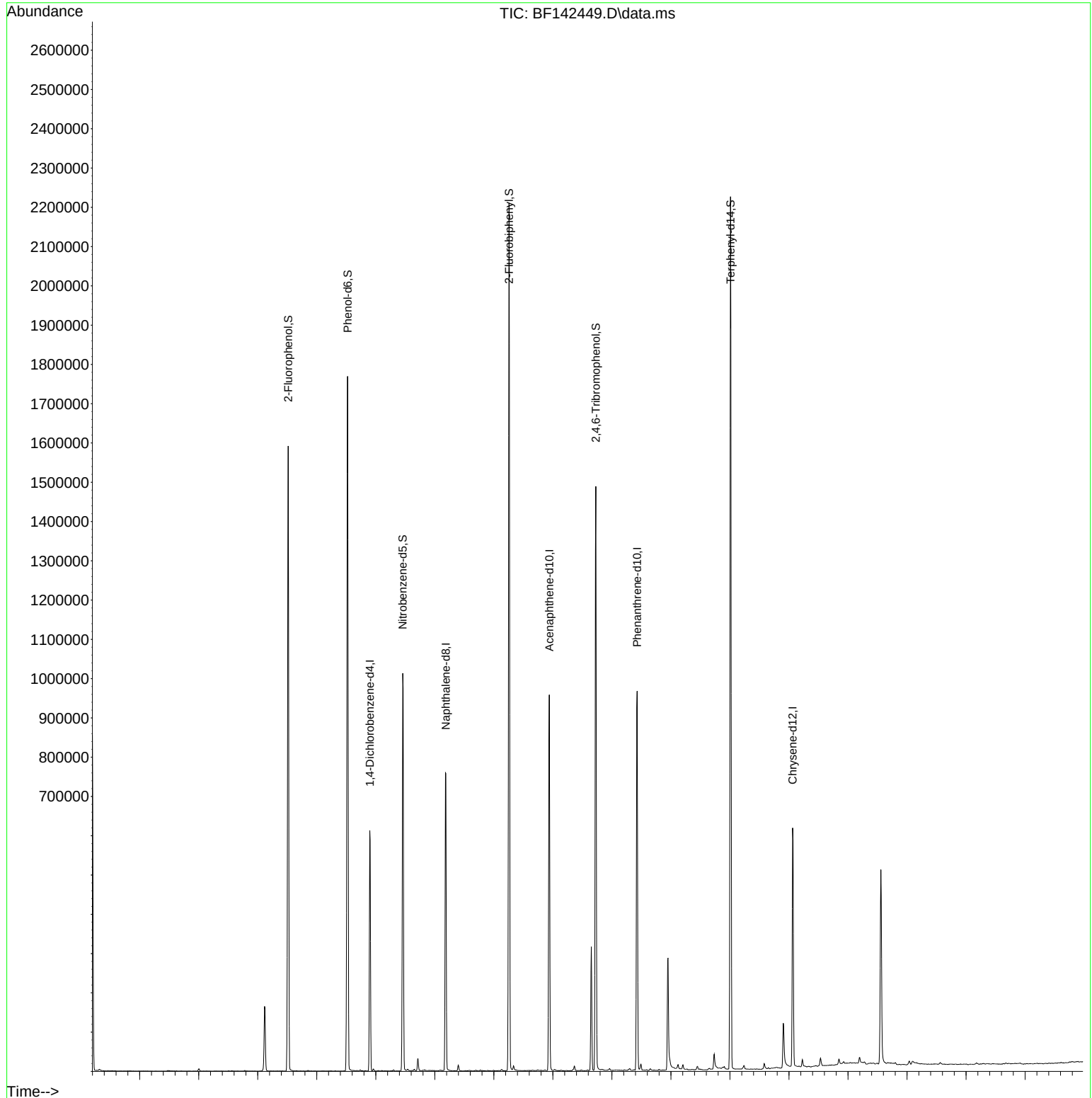
Target Compounds Qvalue

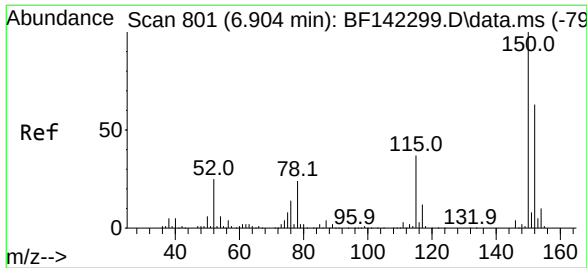
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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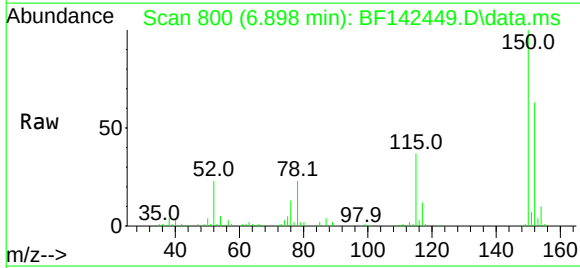
Quant Time: May 19 15:02:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
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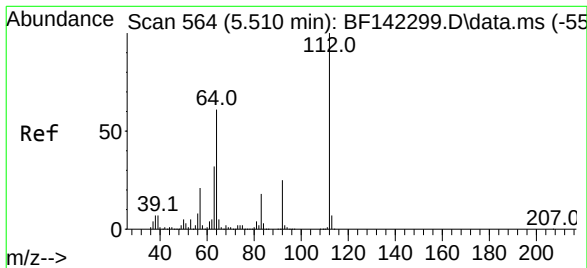
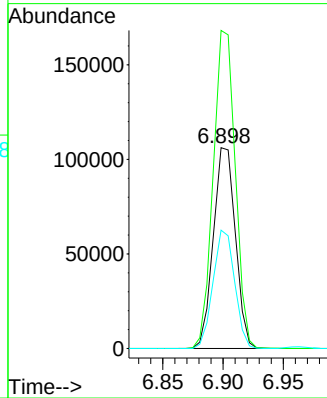
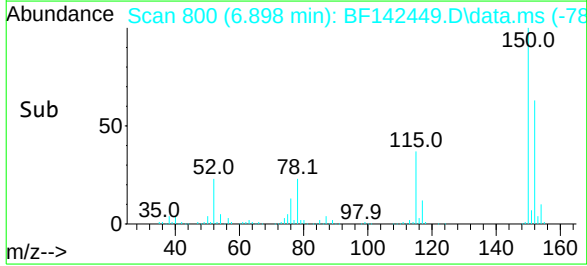


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142449.D
Acq: 19 May 2025 14:06

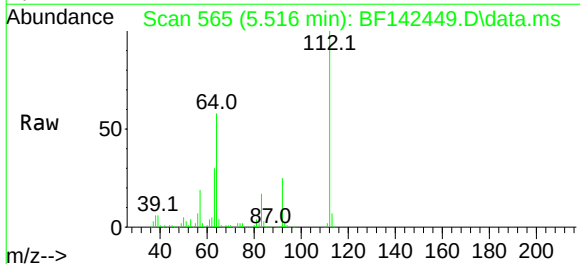
Instrument :
BNA_F
ClientSampleId :
L2-WC-1



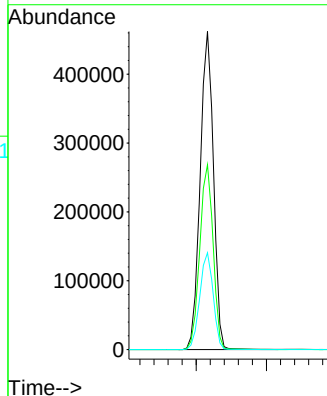
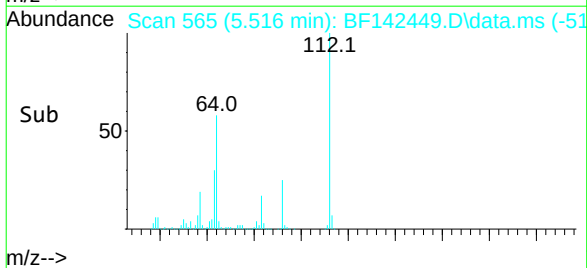
Tgt Ion:152 Resp: 135470
Ion Ratio Lower Upper
152 100
150 158.4 126.6 190.0
115 58.9 47.3 70.9

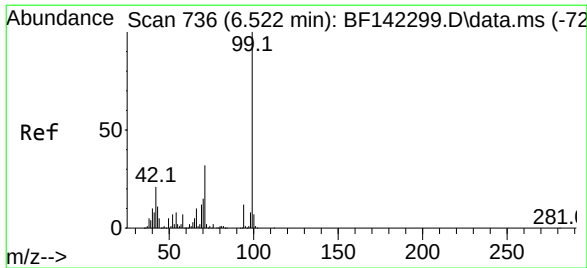


#5
2-Fluorophenol
Concen: 76.462 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142449.D
Acq: 19 May 2025 14:06



Tgt Ion:112 Resp: 606783
Ion Ratio Lower Upper
112 100
64 58.1 48.9 73.3
63 30.4 25.6 38.4

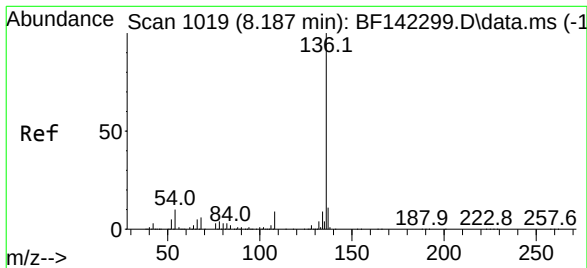
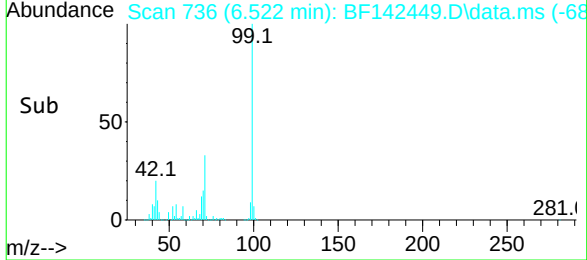
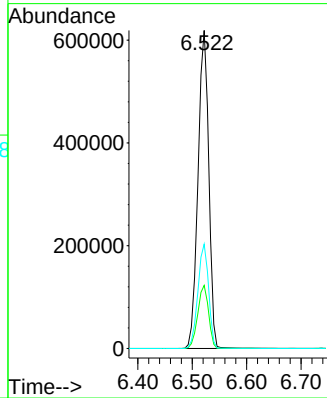
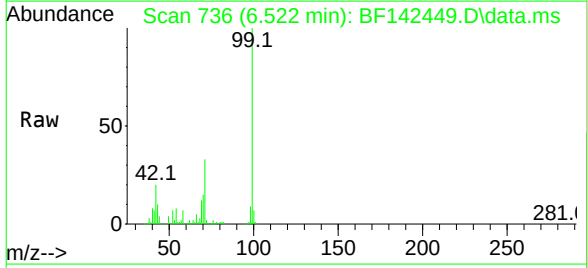




#7
Phenol-d6
Concen: 87.050 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF142449.D
Acq: 19 May 2025 14:06

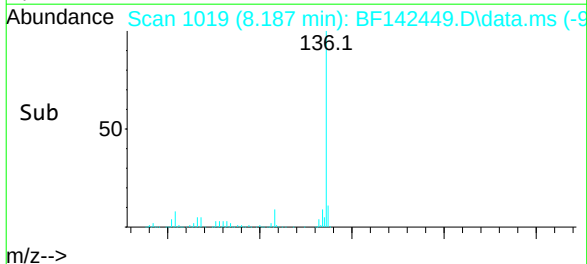
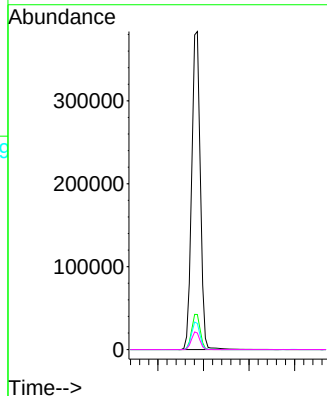
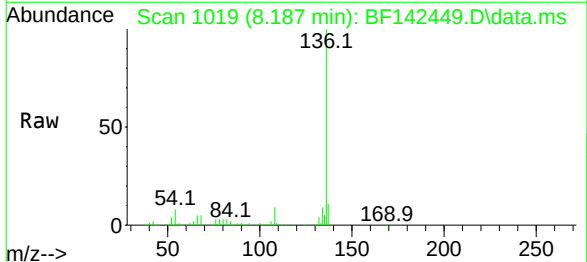
Instrument :
BNA_F
ClientSampleId :
L2-WC-1

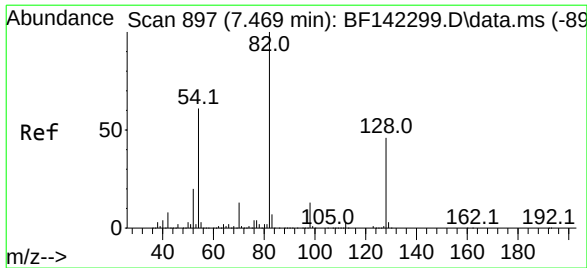
Tgt Ion: 99 Resp: 849648
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.4
71 32.8 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142449.D
Acq: 19 May 2025 14:06

Tgt Ion: 136 Resp: 503846
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.2 7.7 11.5
68 5.2 4.9 7.3

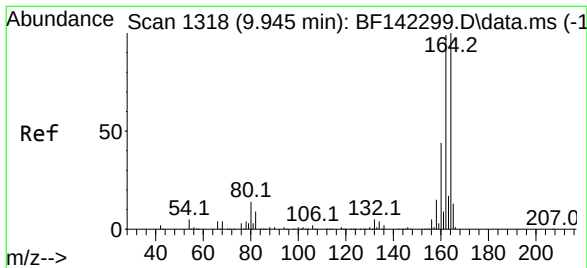
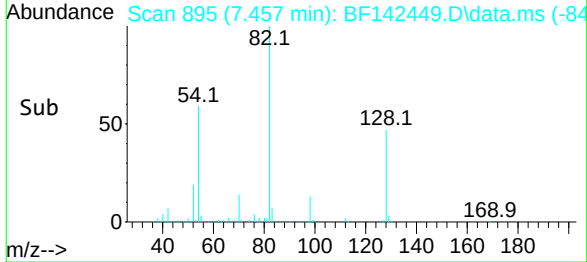
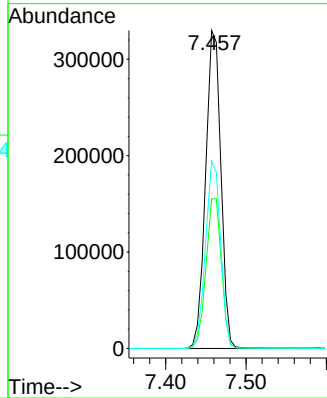
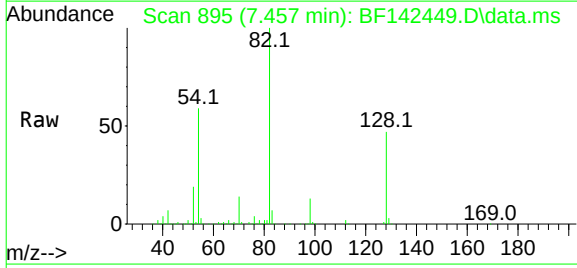




#23
Nitrobenzene-d5
Concen: 52.892 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF142449.D
Acq: 19 May 2025 14:06

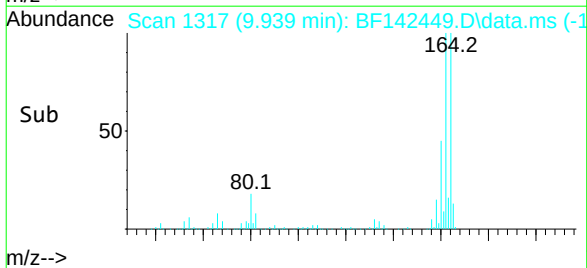
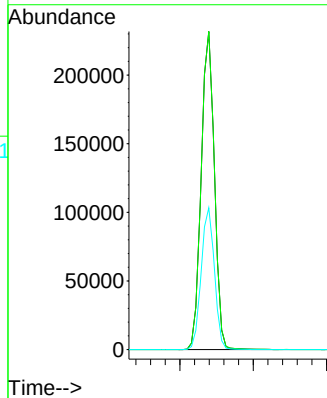
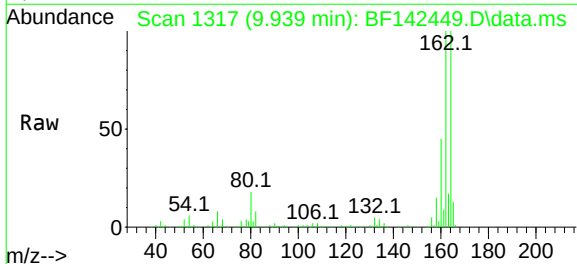
Instrument :
BNA_F
ClientSampleId :
L2-WC-1

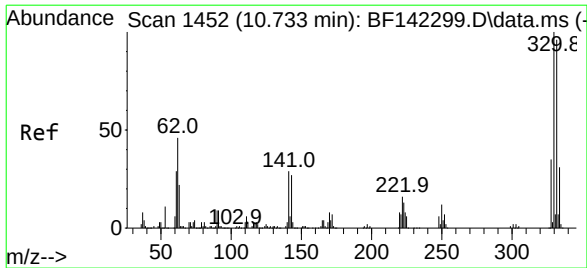
Tgt Ion: 82 Resp: 436969
Ion Ratio Lower Upper
82 100
128 47.0 37.0 55.6
54 58.9 48.6 73.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142449.D
Acq: 19 May 2025 14:06

Tgt Ion: 164 Resp: 289365
Ion Ratio Lower Upper
164 100
162 100.0 79.2 118.8
160 44.6 35.3 52.9

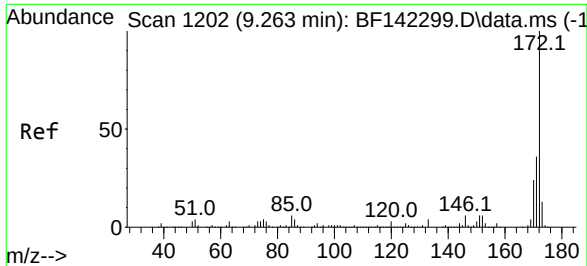
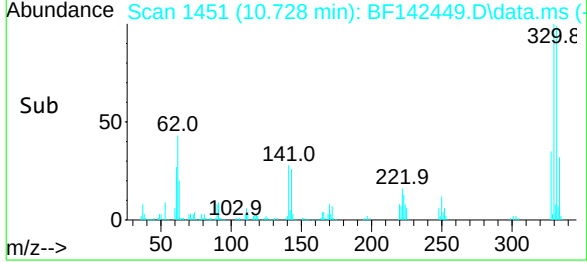
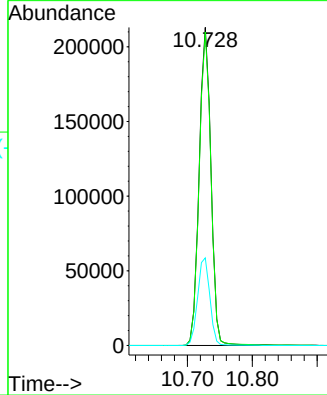
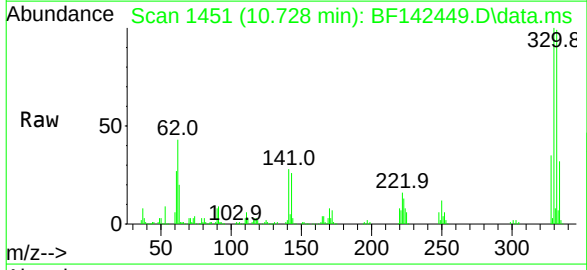




#42
2,4,6-Tribromophenol
Concen: 95.727 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142449.D
Acq: 19 May 2025 14:06

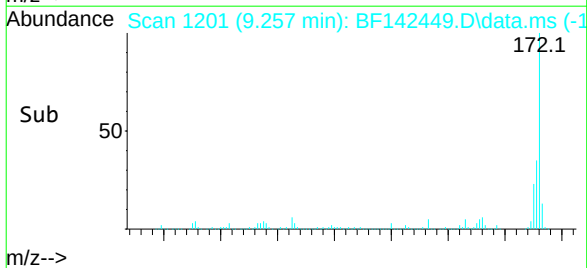
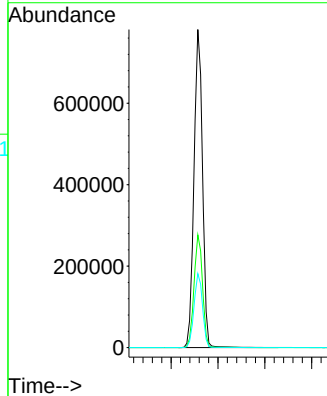
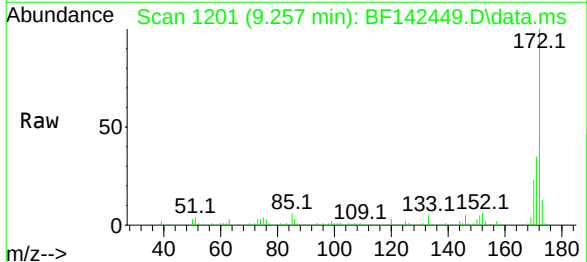
Instrument :
BNA_F
ClientSampleId :
L2-WC-1

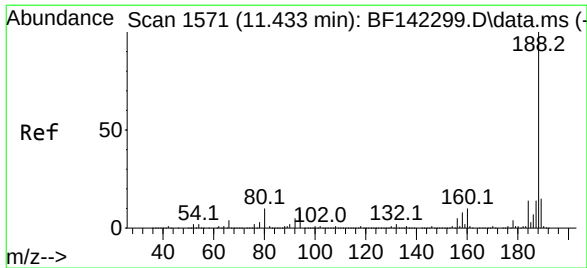
Tgt Ion:	330	Resp:	267438
Ion Ratio	Lower	Upper	
330	100		
332	98.5	76.8	115.2
141	28.7	24.9	37.3



#45
2-Fluorobiphenyl
Concen: 48.659 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142449.D
Acq: 19 May 2025 14:06

Tgt Ion:	172	Resp:	987469
Ion Ratio	Lower	Upper	
172	100		
171	35.4	28.6	42.8
170	23.3	19.0	28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 15

Delta R.T. -0.006 min

Lab File: BF142449.D

Acq: 19 May 2025 14:06

Instrument :

BNA_F

ClientSampleId :

L2-WC-1

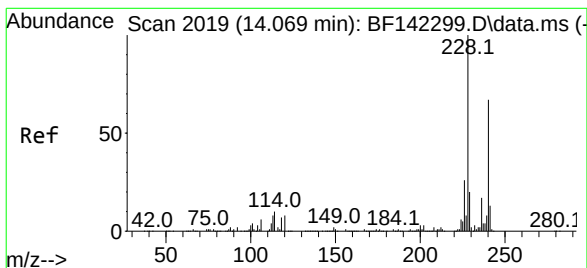
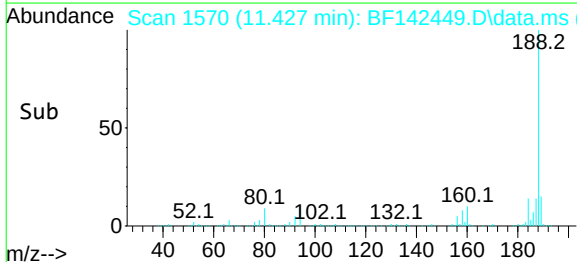
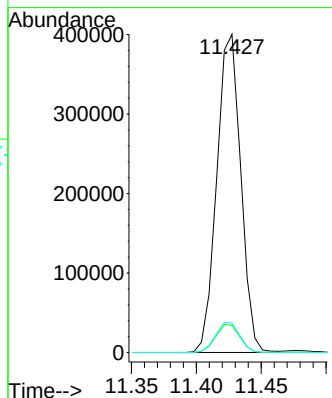
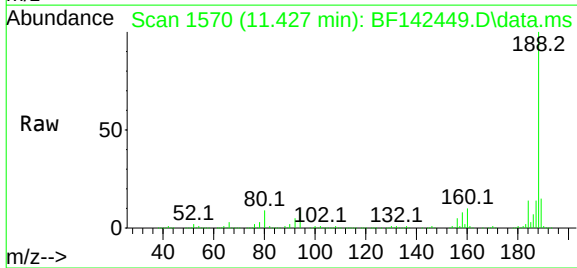
Tgt Ion:188 Resp: 515427

Ion Ratio Lower Upper

188 100

94 8.6 7.5 11.3

80 9.3 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: BF142449.D

Acq: 19 May 2025 14:06

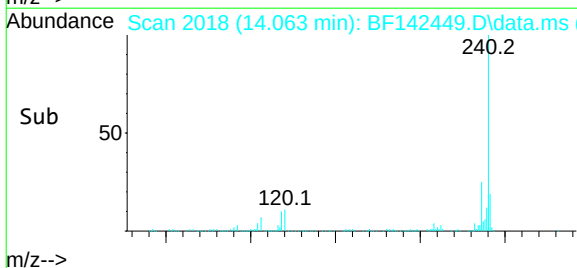
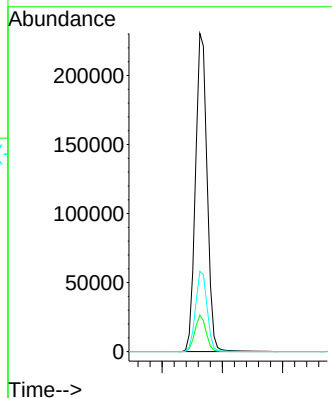
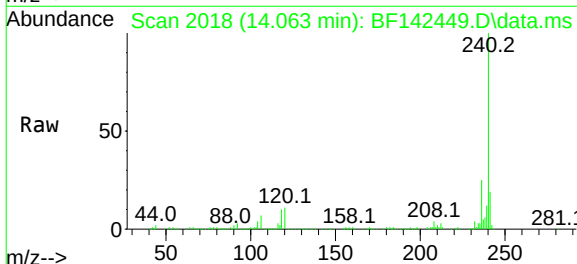
Tgt Ion:240 Resp: 308529

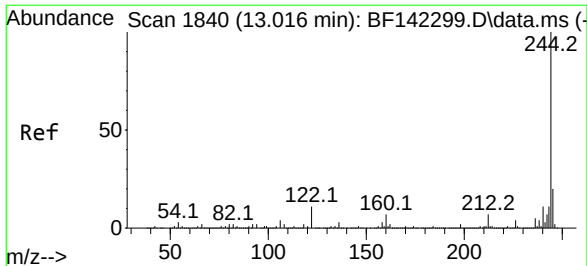
Ion Ratio Lower Upper

240 100

120 11.4 9.7 14.5

236 25.2 20.0 30.0





#79

Terphenyl-d14

Concen: 51.892 ng

RT: 13.010 min Scan# 18

Delta R.T. -0.006 min

Lab File: BF142449.D

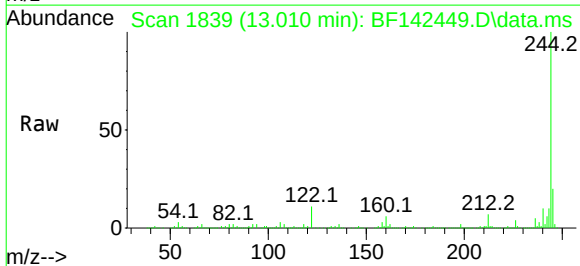
Acq: 19 May 2025 14:06

Instrument :

BNA_F

ClientSampleId :

L2-WC-1



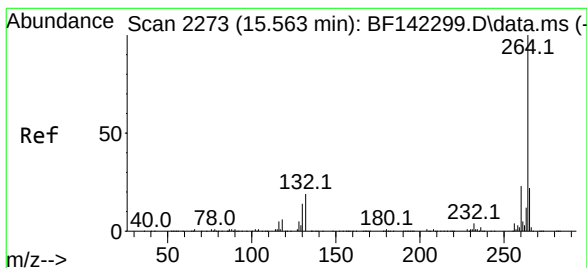
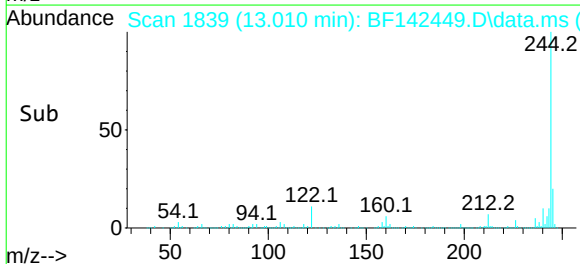
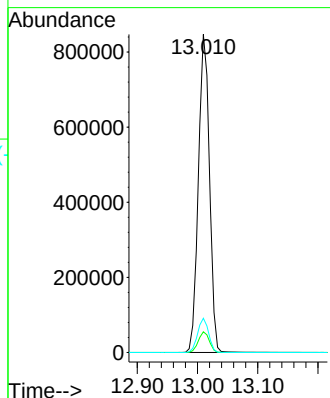
Tgt Ion:244 Resp: 1081699

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 10.8 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: BF142449.D

Acq: 19 May 2025 14:06

Tgt Ion:264 Resp: 293494

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.7 17.5 26.3

