

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142447.D
Acq On : 19 May 2025 13:08
Operator : RC/JU
Sample : Q2032-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-29

Quant Time: May 19 13:43:56 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	142420	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	552520	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	298328	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	493987	20.000	ng	0.00
76) Chrysene-d12	14.068	240	263579	20.000	ng	0.00
86) Perylene-d12	15.557	264	296604	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	601055	72.044	ng	0.00
7) Phenol-d6	6.522	99	747693	72.866	ng	0.00
23) Nitrobenzene-d5	7.457	82	431671	47.648	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	237694	82.524	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	869008	41.535	ng	0.00
79) Terphenyl-d14	13.010	244	777869	43.681	ng	0.00

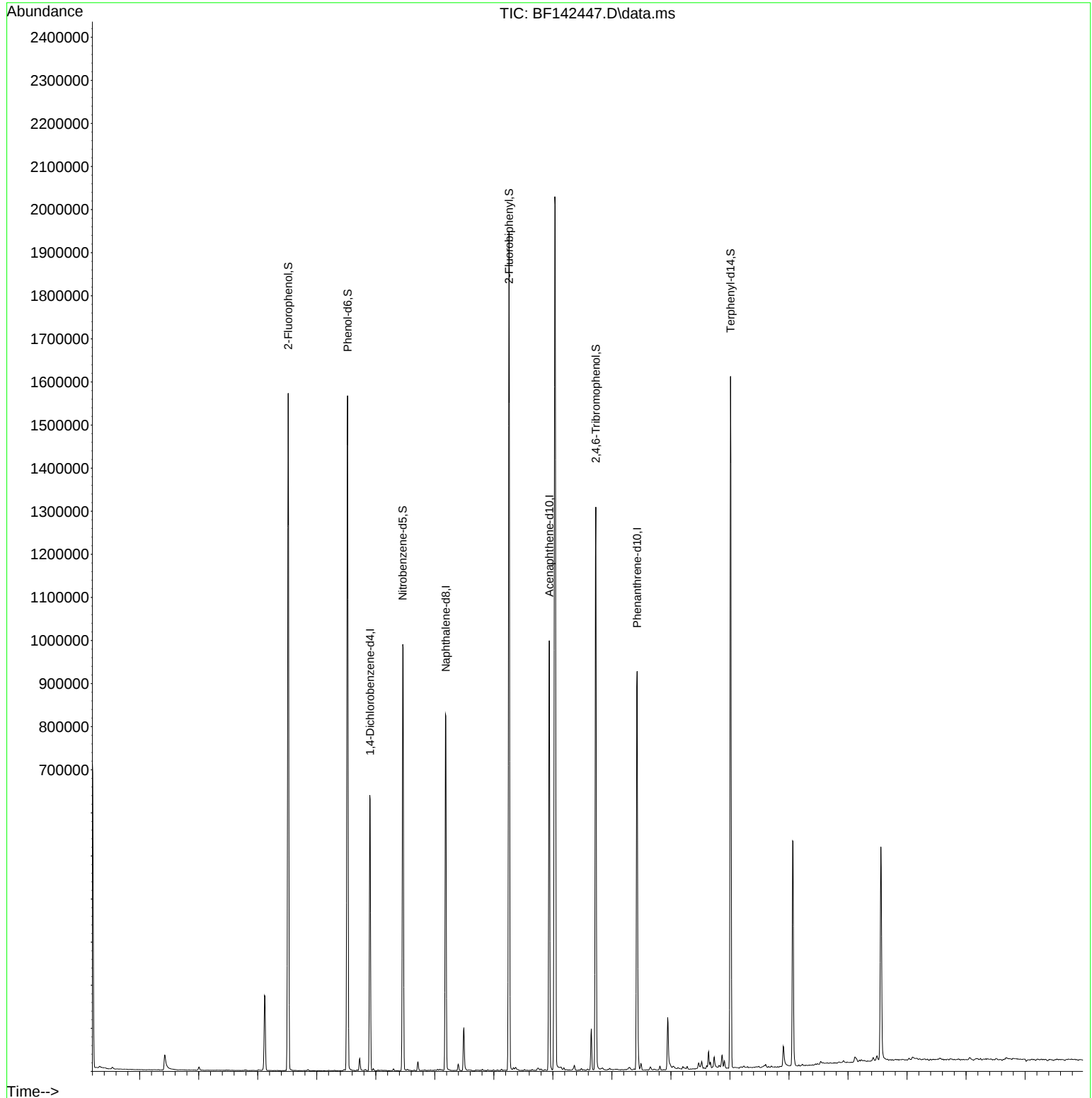
Target Compounds Qvalue

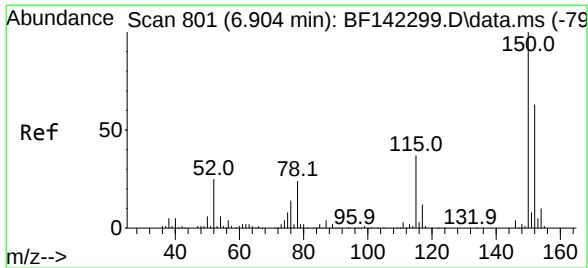
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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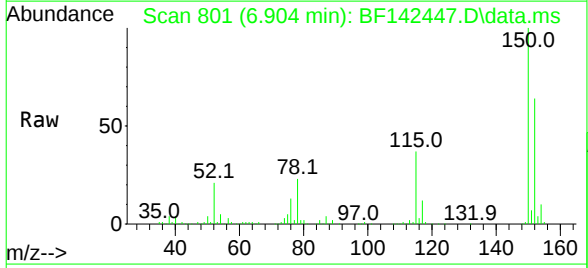
Quant Time: May 19 13:43:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
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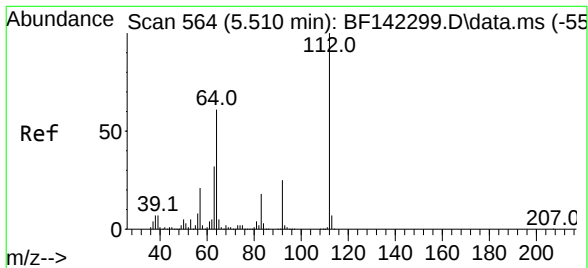
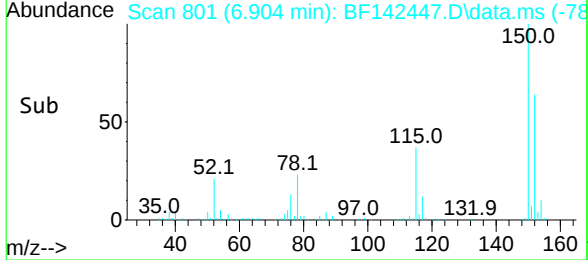
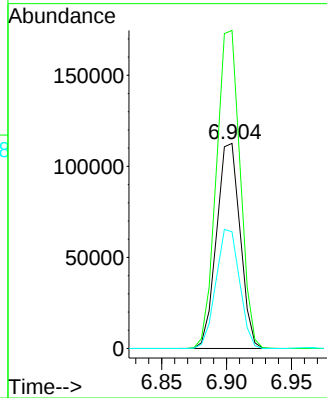


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142447.D
Acq: 19 May 2025 13:08

Instrument :
BNA_F
ClientSampleId :
TP-29

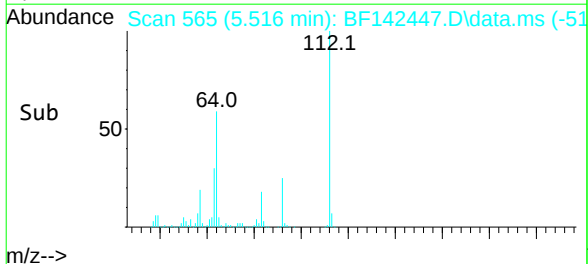
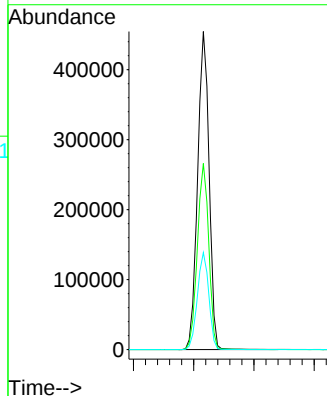
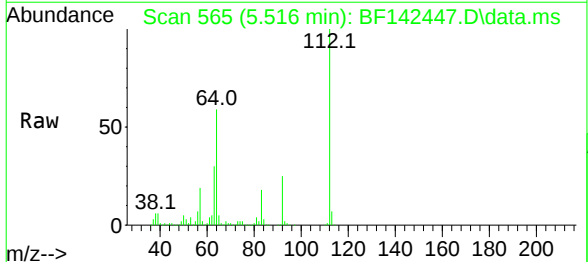


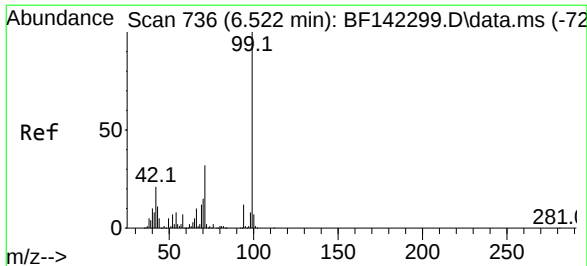
Tgt Ion:152 Resp: 142420
Ion Ratio Lower Upper
152 100
150 155.1 126.6 190.0
115 56.9 47.3 70.9



#5
2-Fluorophenol
Concen: 72.044 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142447.D
Acq: 19 May 2025 13:08

Tgt Ion:112 Resp: 601055
Ion Ratio Lower Upper
112 100
64 58.5 48.9 73.3
63 30.5 25.6 38.4

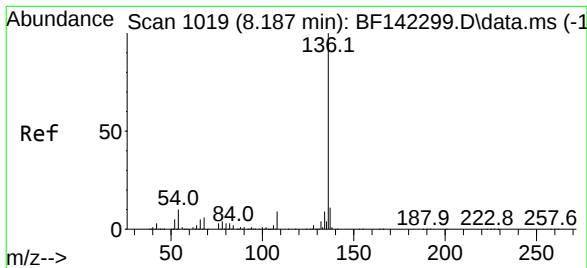
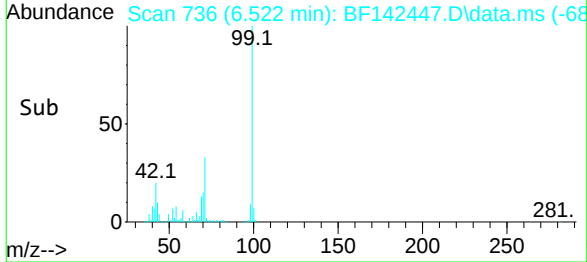
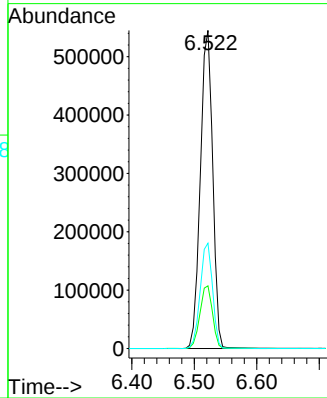
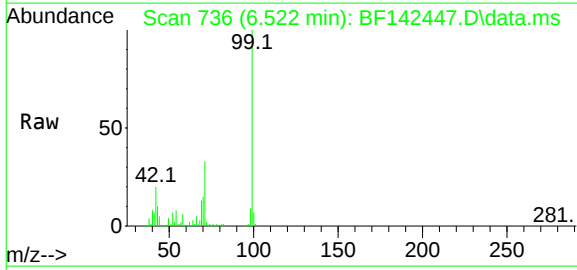




#7
Phenol-d6
Concen: 72.866 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF142447.D
Acq: 19 May 2025 13:08

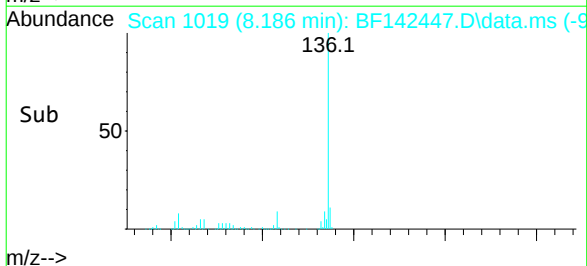
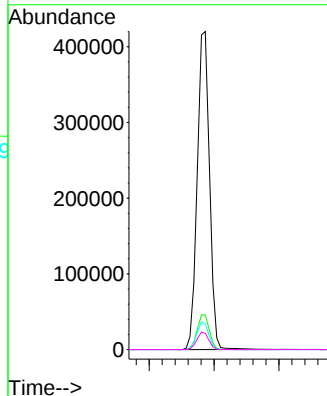
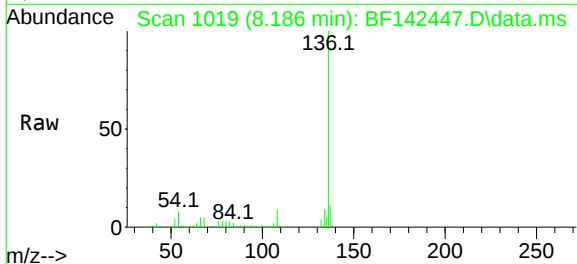
Instrument :
BNA_F
ClientSampleId :
TP-29

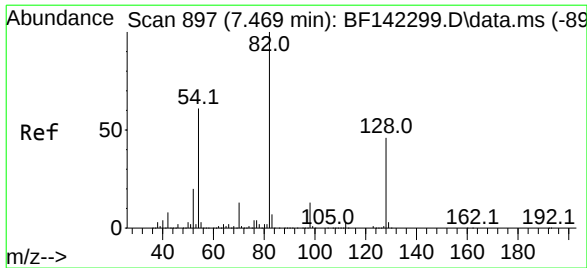
Tgt Ion: 99 Resp: 747693
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.4
71 33.1 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142447.D
Acq: 19 May 2025 13:08

Tgt Ion: 136 Resp: 552520
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.1 7.7 11.5
68 5.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 47.648 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142447.D

Acq: 19 May 2025 13:08

Instrument :

BNA_F

ClientSampleId :

TP-29

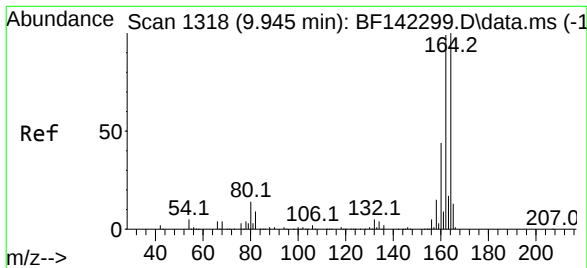
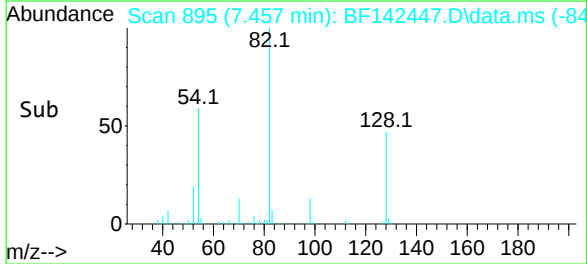
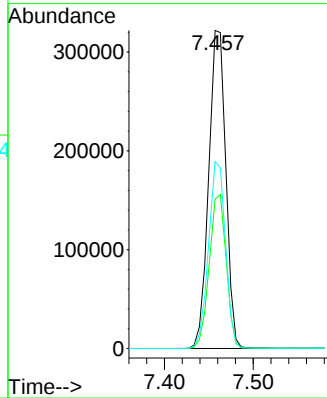
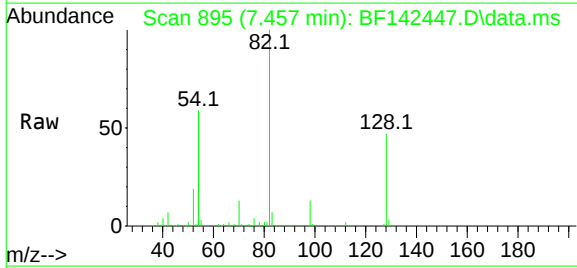
Tgt Ion: 82 Resp: 431671

Ion Ratio Lower Upper

82 100

128 47.0 37.0 55.6

54 58.7 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: BF142447.D

Acq: 19 May 2025 13:08

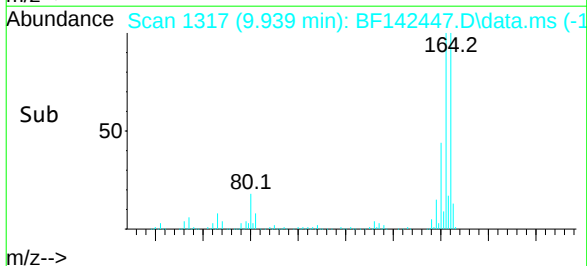
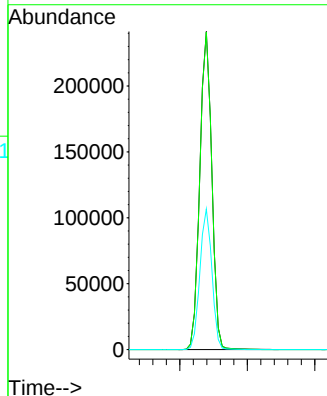
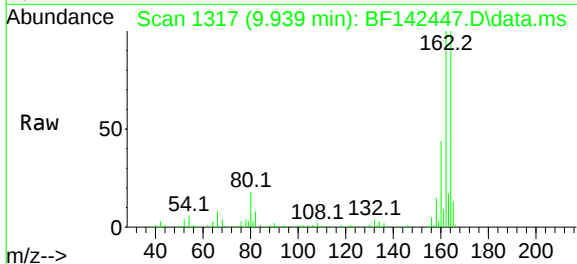
Tgt Ion: 164 Resp: 298328

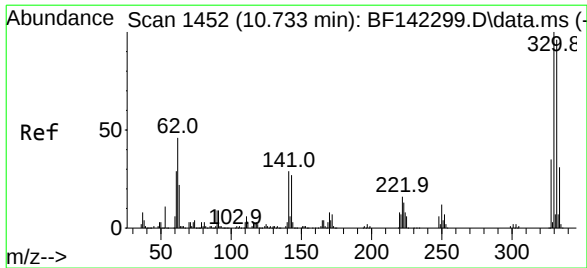
Ion Ratio Lower Upper

164 100

162 99.8 79.2 118.8

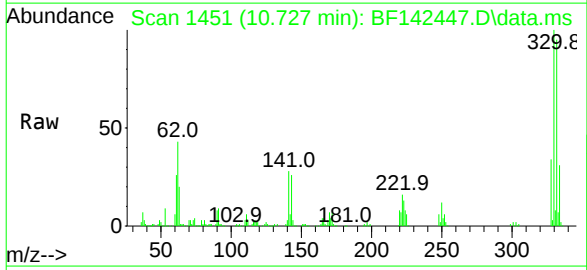
160 44.2 35.3 52.9



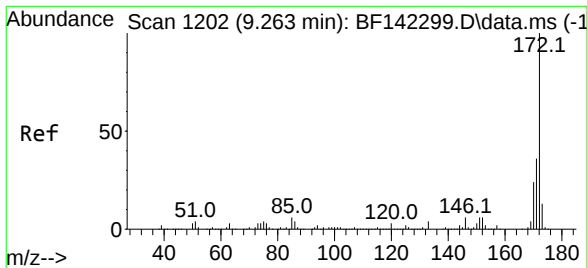
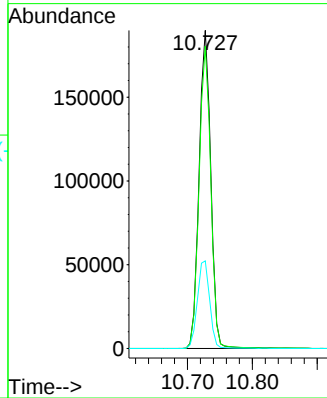
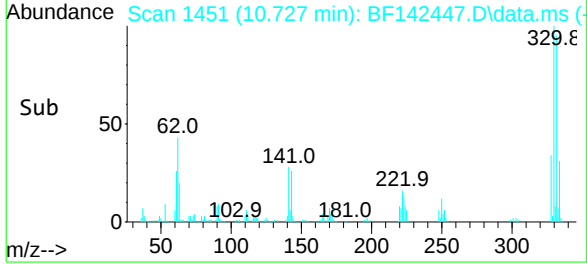


#42
2,4,6-Tribromophenol
Concen: 82.524 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142447.D
Acq: 19 May 2025 13:08

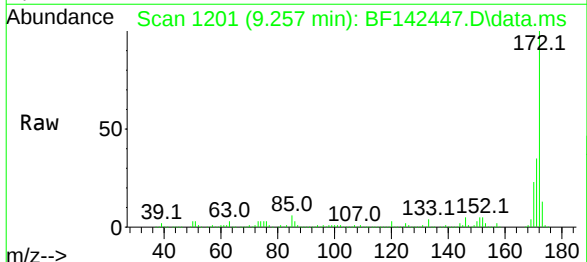
Instrument :
BNA_F
ClientSampleId :
TP-29



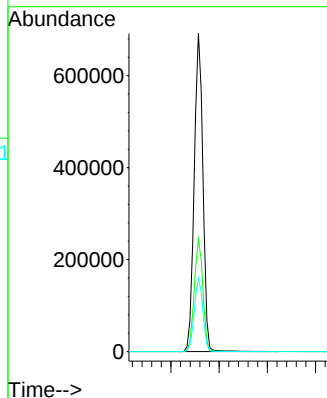
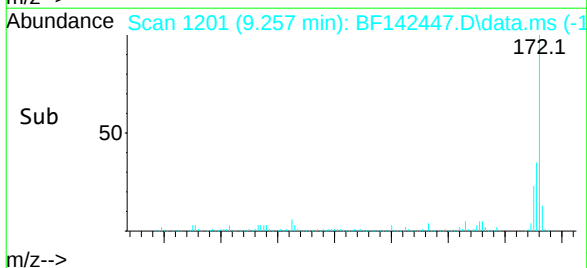
Tgt Ion: 330 Resp: 237694
Ion Ratio Lower Upper
330 100
332 95.6 76.8 115.2
141 29.1 24.9 37.3

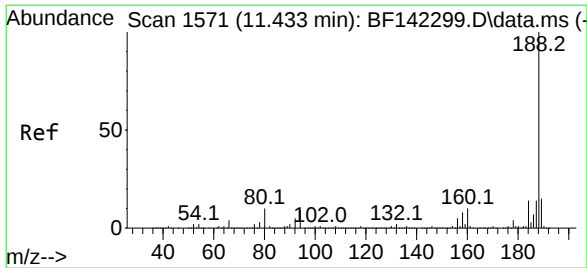


#45
2-Fluorobiphenyl
Concen: 41.535 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142447.D
Acq: 19 May 2025 13:08



Tgt Ion: 172 Resp: 869008
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.1 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: BF142447.D

Acq: 19 May 2025 13:08

Instrument :

BNA_F

ClientSampleId :

TP-29

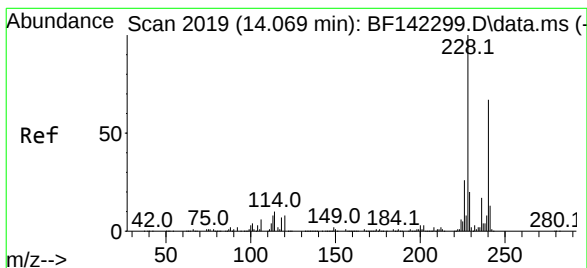
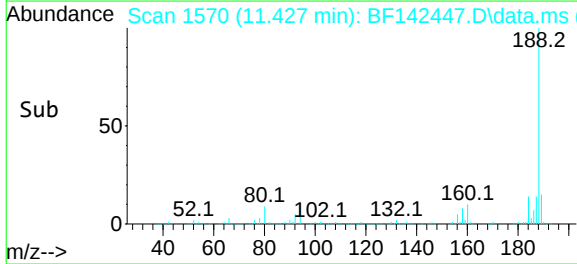
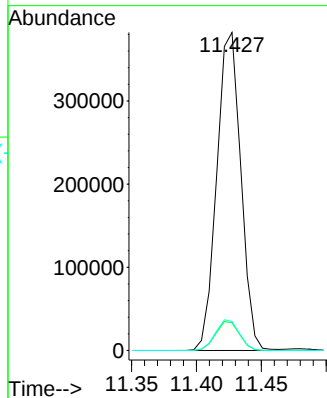
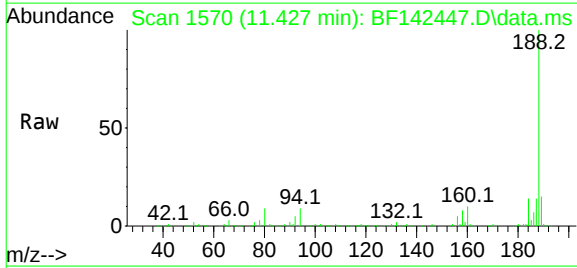
Tgt Ion:188 Resp: 493987

Ion Ratio Lower Upper

188 100

94 8.7 7.5 11.3

80 9.1 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF142447.D

Acq: 19 May 2025 13:08

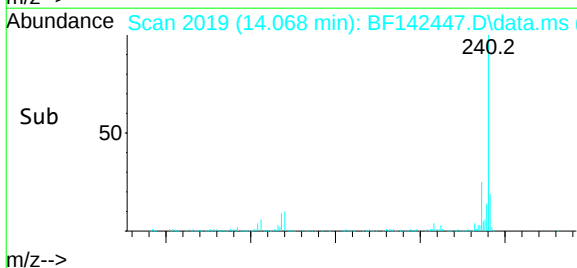
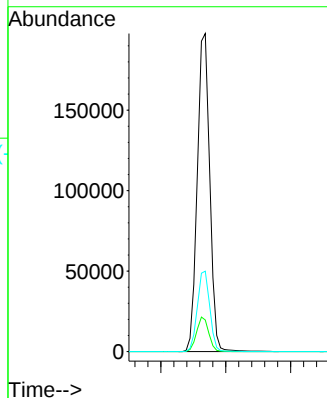
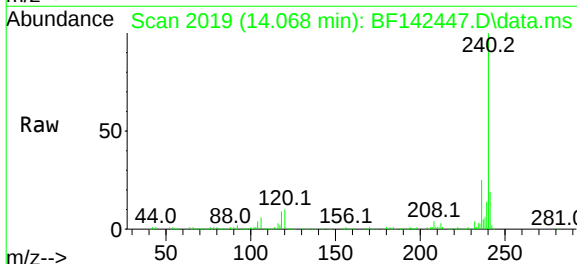
Tgt Ion:240 Resp: 263579

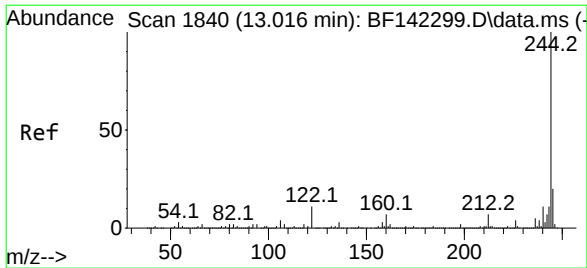
Ion Ratio Lower Upper

240 100

120 9.9 9.7 14.5

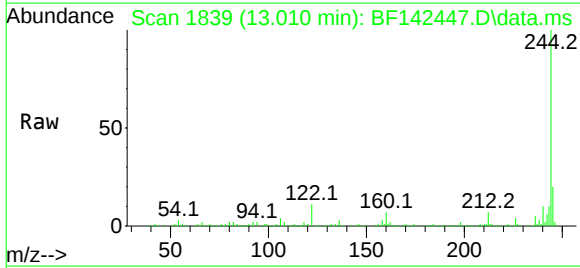
236 25.3 20.0 30.0



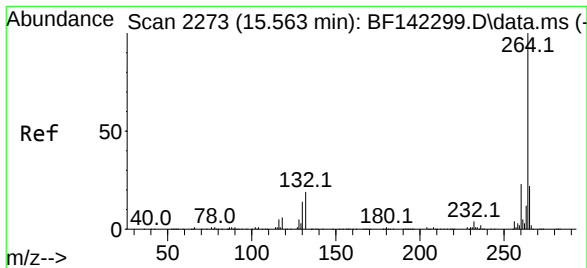
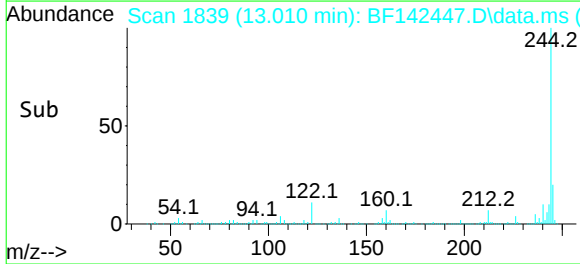
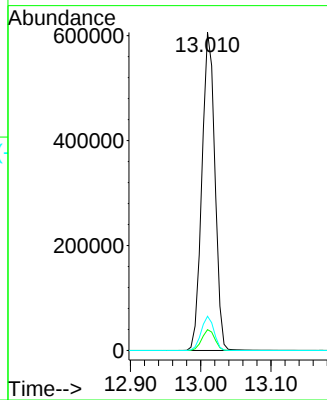


#79
Terphenyl-d14
Concen: 43.681 ng
RT: 13.010 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF142447.D
Acq: 19 May 2025 13:08

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 777869
Ion Ratio Lower Upper
244 100
212 6.6 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: BF142447.D
Acq: 19 May 2025 13:08

Tgt Ion:264 Resp: 296604
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.6 17.5 26.3

