

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
 Data File : BF142518.D
 Acq On : 22 May 2025 18:58
 Operator : RC/JU
 Sample : Q2097-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-244

Quant Time: May 23 01:23:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	92071	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	311947	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	130546	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	213108	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	179258	20.000	ng	-0.01
86) Perylene-d12	15.557	264	139670	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	627487	114.820	ng	0.00
7) Phenol-d6	6.522	99	671675	102.102	ng	-0.01
23) Nitrobenzene-d5	7.457	82	456829	79.854	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	175223	120.936	ng	-0.02
45) 2-Fluorobiphenyl	9.257	172	797479	81.972	ng	-0.01
79) Terphenyl-d14	13.010	244	866508	66.057	ng	0.00

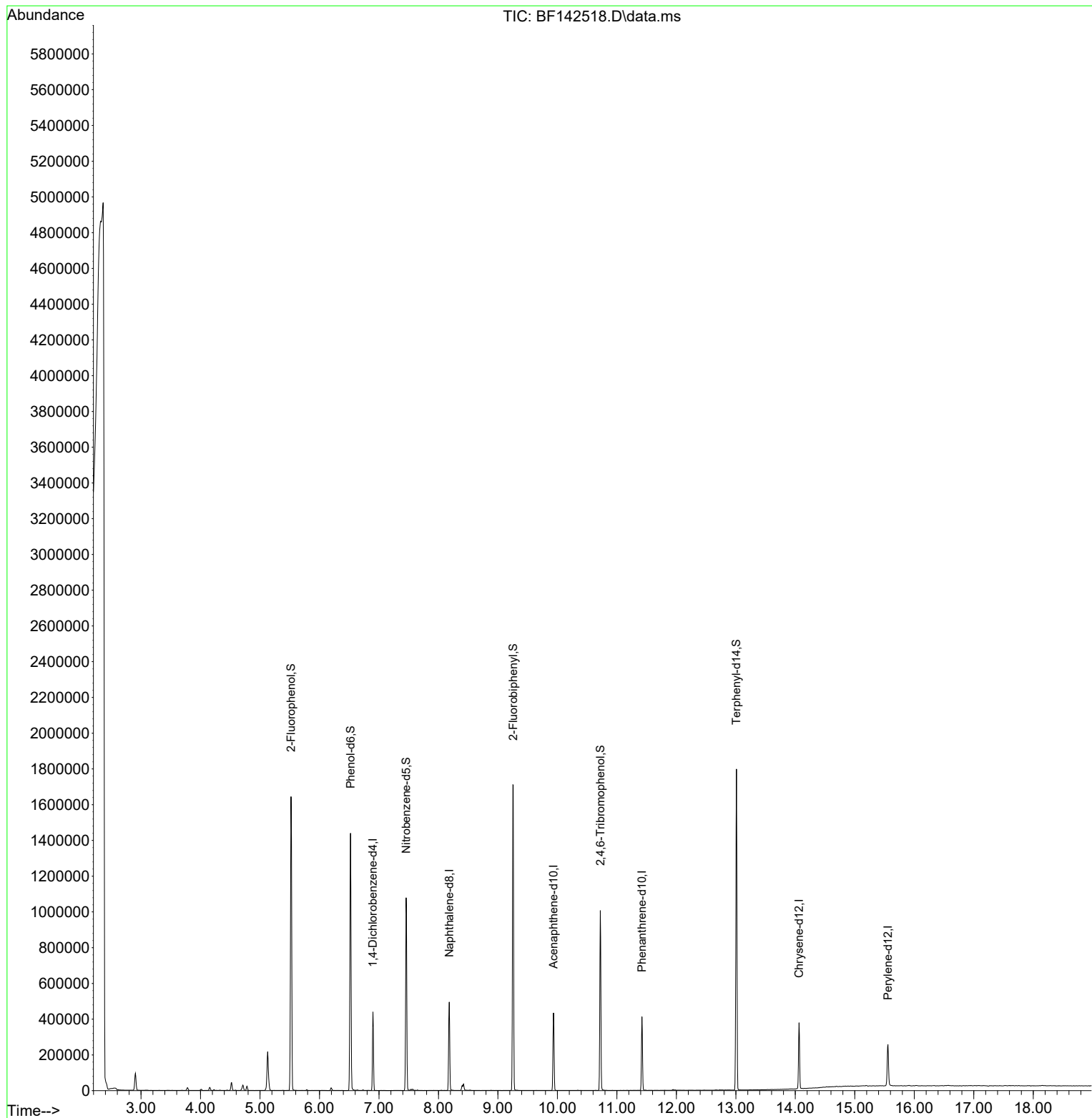
Target Compounds	Qvalue

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

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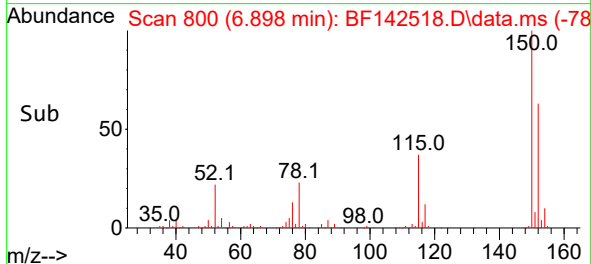
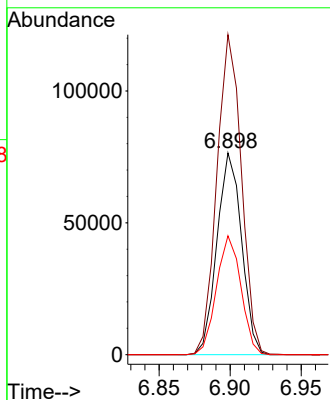
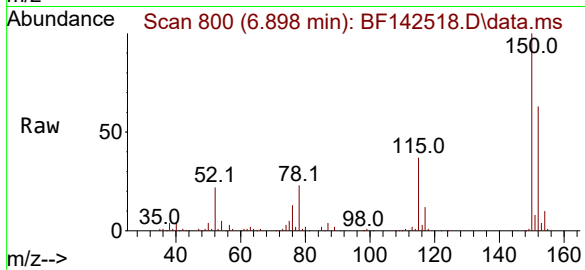




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142518.D
Acq: 22 May 2025 18:58

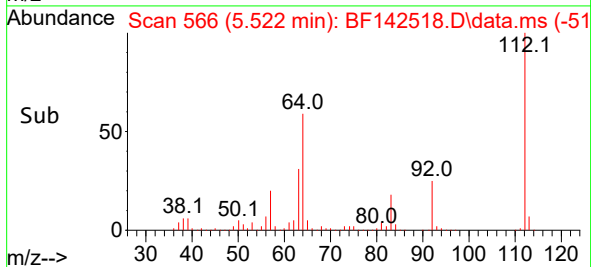
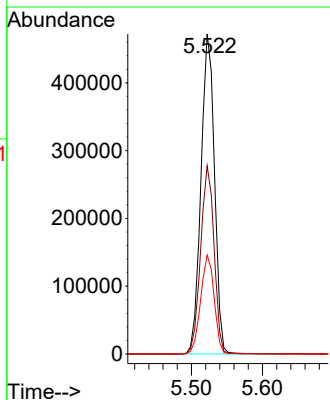
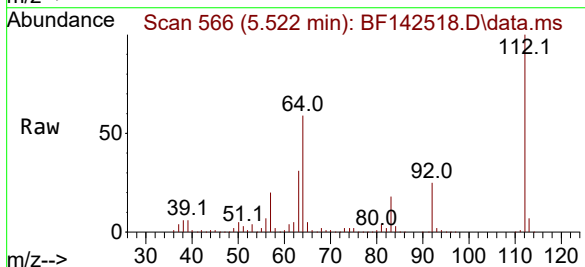
Instrument :
BNA_F
ClientSampleId :
VNJ-244

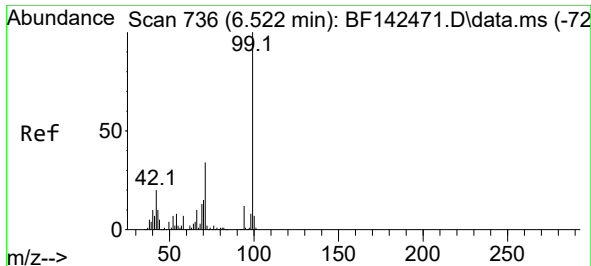
Tgt Ion:152 Resp: 92071
Ion Ratio Lower Upper
152 100
150 158.6 128.2 192.4
115 58.9 48.3 72.5



#5
2-Fluorophenol
Concen: 114.820 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142518.D
Acq: 22 May 2025 18:58

Tgt Ion:112 Resp: 627487
Ion Ratio Lower Upper
112 100
64 58.8 47.5 71.3
63 31.0 24.9 37.3





#7
Phenol-d6
Concen: 102.102 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142518.D
Acq: 22 May 2025 18:58

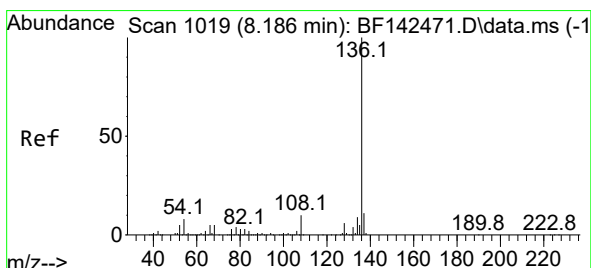
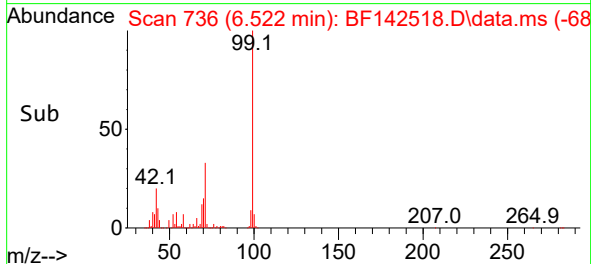
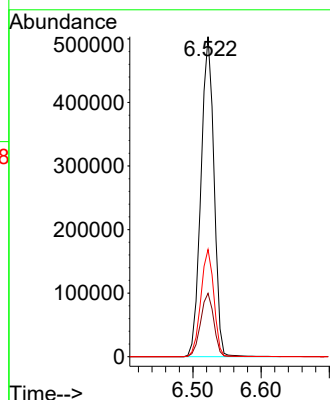
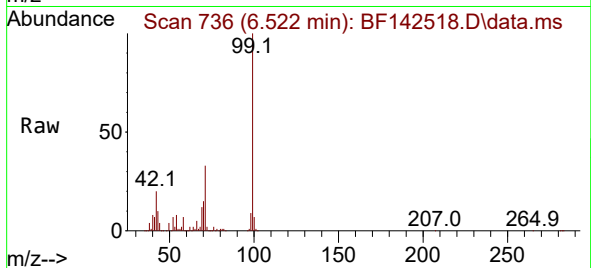
Instrument :

BNA_F

ClientSampleId :

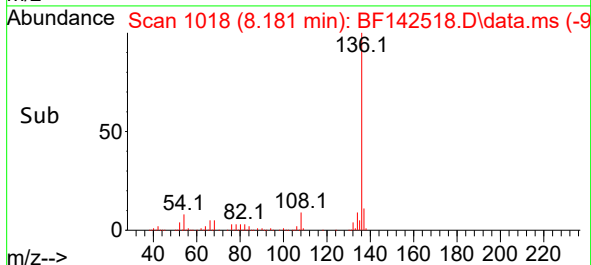
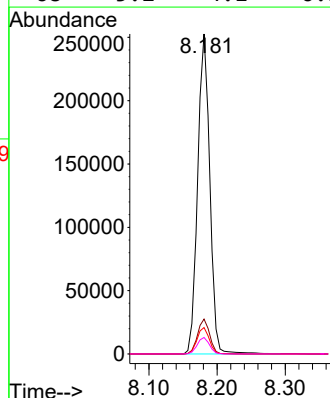
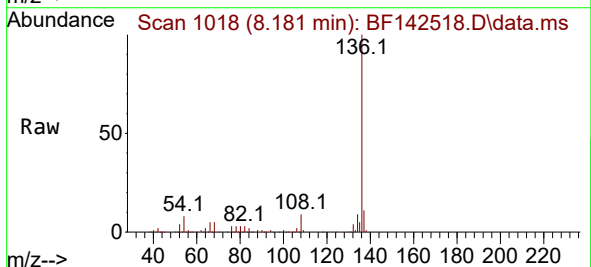
VNJ-244

Tgt Ion: 99 Resp: 671675
Ion Ratio Lower Upper
99 100
42 19.8 16.2 24.2
71 33.5 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142518.D
Acq: 22 May 2025 18:58

Tgt Ion:136 Resp: 311947
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.3 6.6 10.0
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 79.854 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF142518.D

Acq: 22 May 2025 18:58

Instrument :

BNA_F

ClientSampleId :

VNJ-244

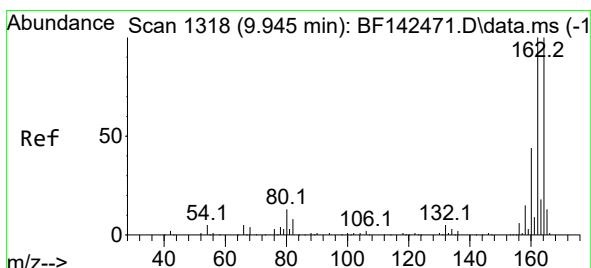
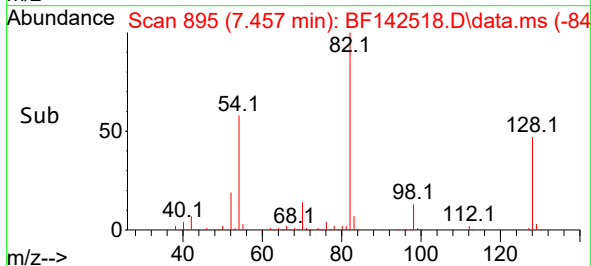
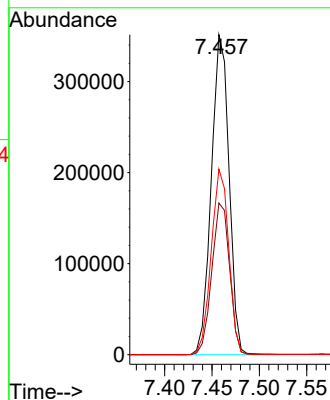
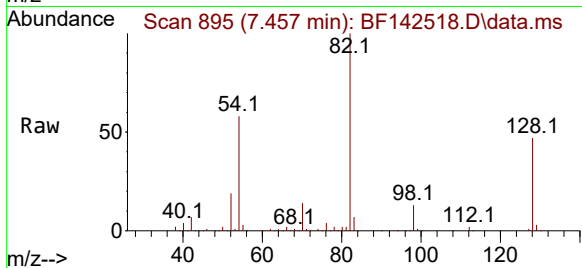
Tgt Ion: 82 Resp: 456829

Ion Ratio Lower Upper

82 100

128 47.4 37.4 56.2

54 58.0 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142518.D

Acq: 22 May 2025 18:58

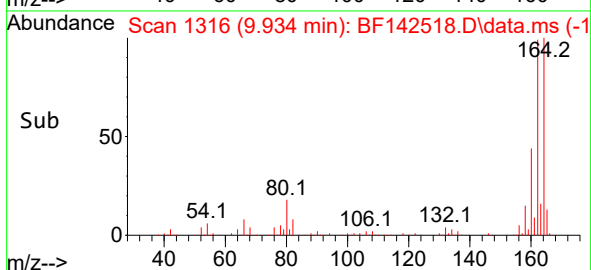
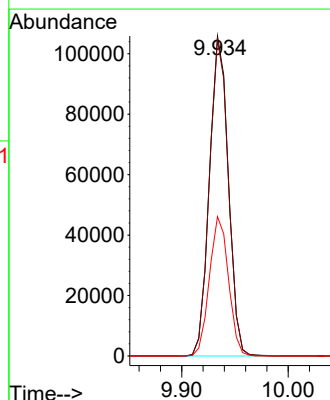
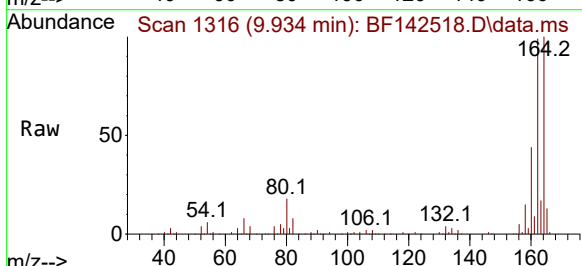
Tgt Ion:164 Resp: 130546

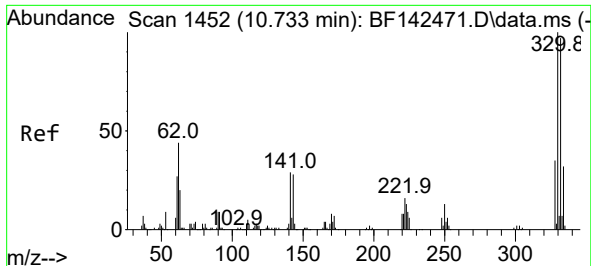
Ion Ratio Lower Upper

164 100

162 98.8 80.2 120.4

160 43.6 35.6 53.4

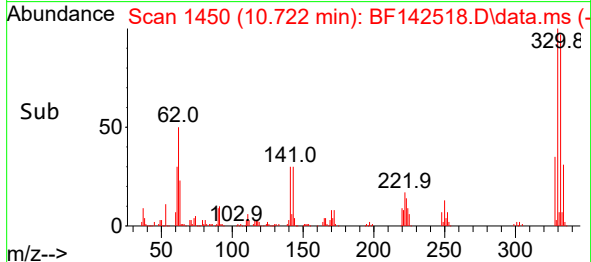
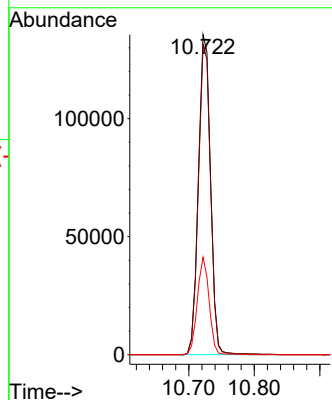
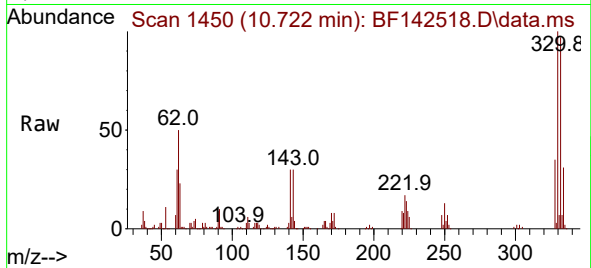




#42
2,4,6-Tribromophenol
Concen: 120.936 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.017 min
Lab File: BF142518.D
Acq: 22 May 2025 18:58

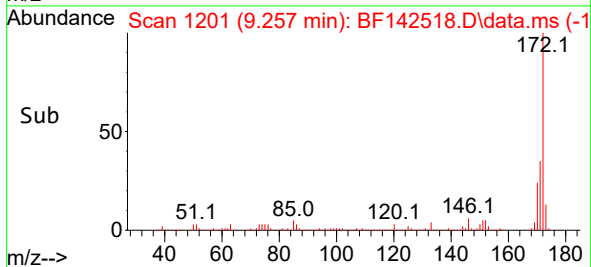
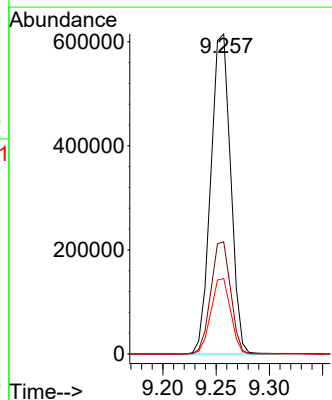
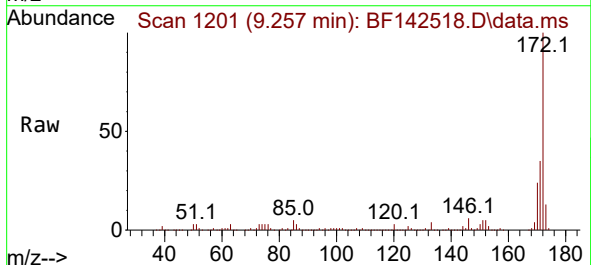
Instrument :
BNA_F
ClientSampleId :
VNJ-244

Tgt Ion:330 Resp: 175223
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 29.5 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 81.972 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.011 min
Lab File: BF142518.D
Acq: 22 May 2025 18:58

Tgt Ion:172 Resp: 797479
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.6 18.9 28.3

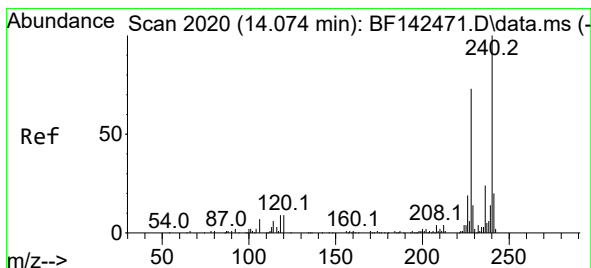
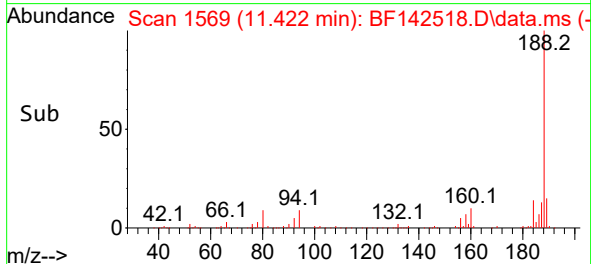
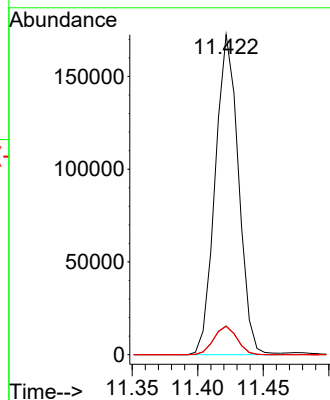
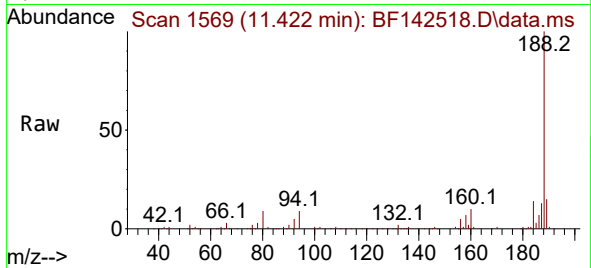




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.011 min
Lab File: BF142518.D
Acq: 22 May 2025 18:58

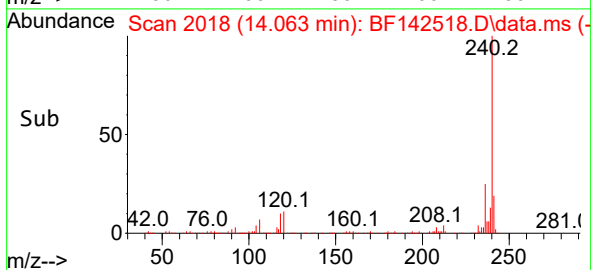
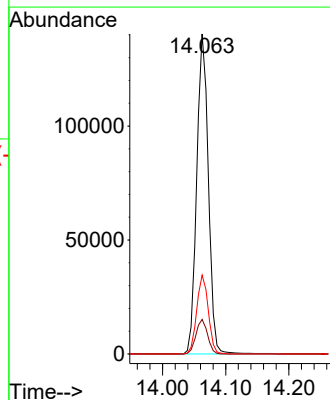
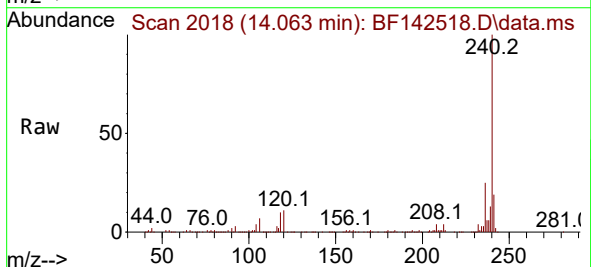
Instrument :
BNA_F
ClientSampleId :
VNJ-244

Tgt Ion:188 Resp: 213108
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 8.9 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142518.D
Acq: 22 May 2025 18:58

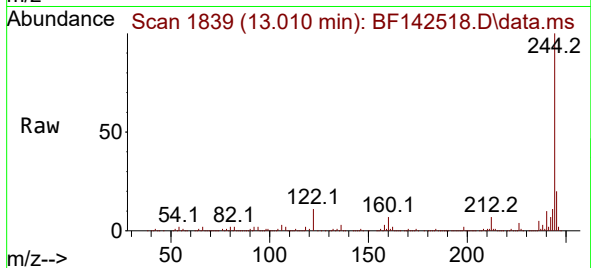
Tgt Ion:240 Resp: 179258
Ion Ratio Lower Upper
240 100
120 10.8 7.5 11.3
236 24.6 19.6 29.4



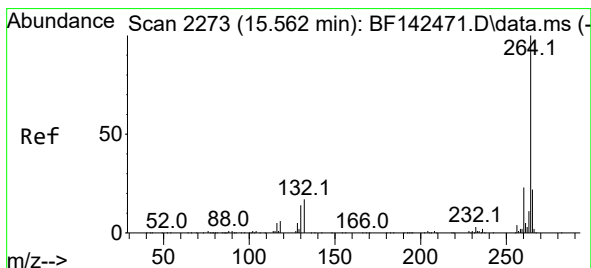
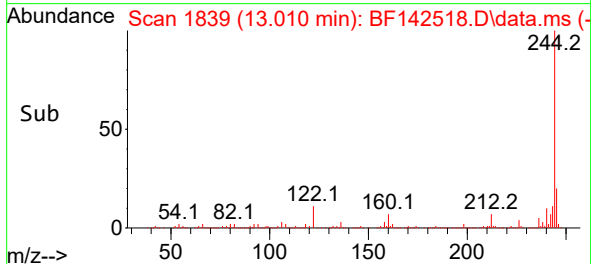
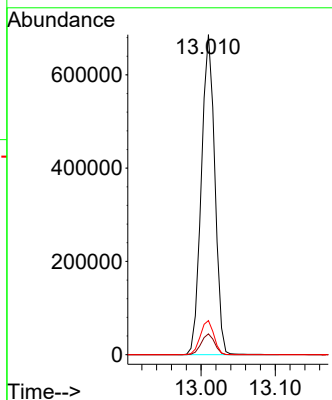


#79
Terphenyl-d14
Concen: 66.057 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142518.D
Acq: 22 May 2025 18:58

Instrument :
BNA_F
ClientSampleId :
VNJ-244



Tgt Ion:244 Resp: 866508
Ion Ratio Lower Upper
244 100
212 6.5 5.3 7.9
122 10.6 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: BF142518.D
Acq: 22 May 2025 18:58

Tgt Ion:264 Resp: 139670
Ion Ratio Lower Upper
264 100
260 22.6 18.6 28.0
265 20.4 17.7 26.5

