

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
 Data File : BF142364.D
 Acq On : 14 May 2025 14:23
 Operator : RC/JU
 Sample : Q1982-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: May 14 15:01:15 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)

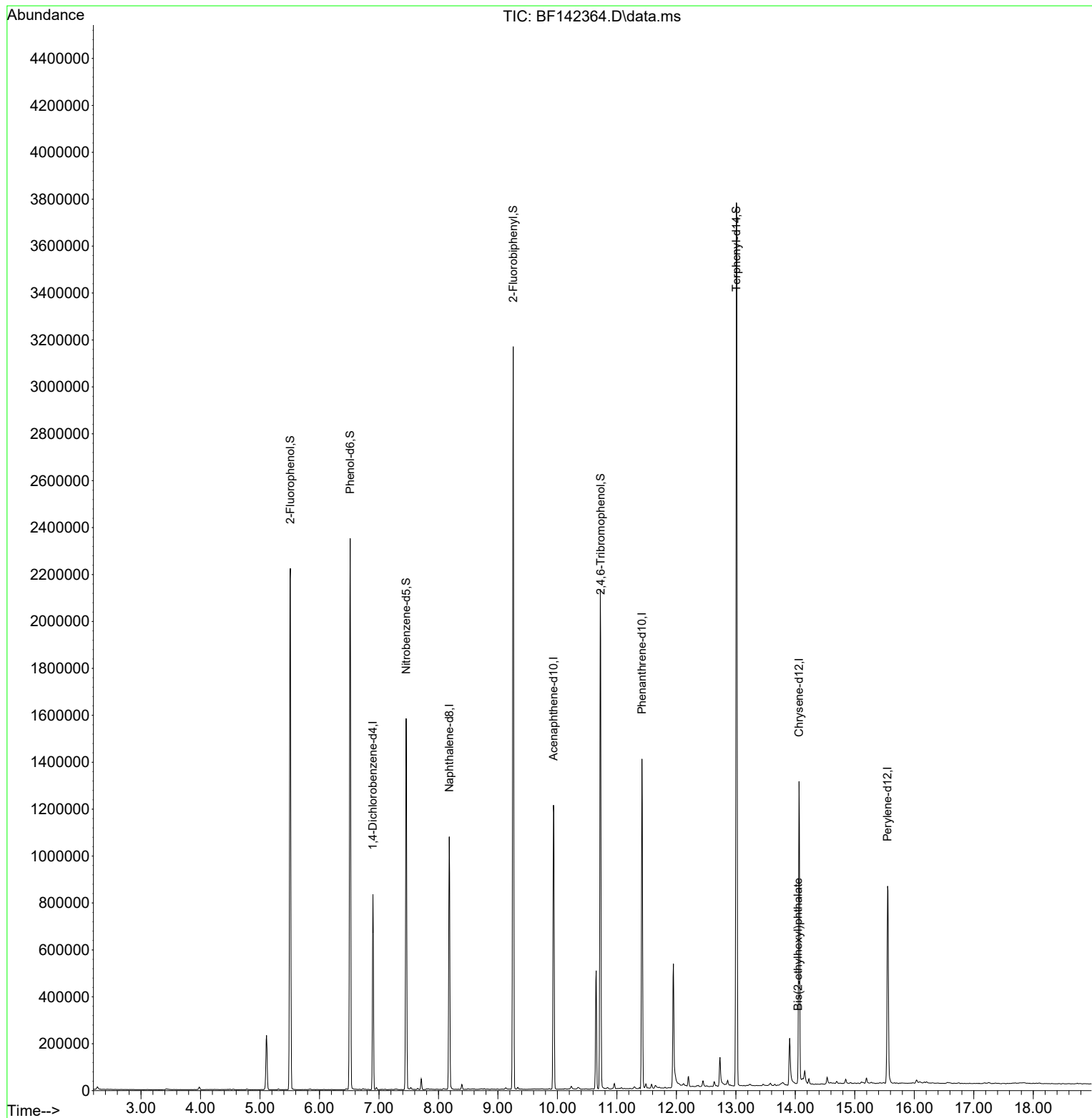
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	171428	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	665674	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	370105	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	718007	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	611693	20.000	ng	0.00
86) Perylene-d12	15.551	264	503779	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	882477	87.877	ng	0.00
7) Phenol-d6	6.516	99	1094089	88.582	ng	0.00
23) Nitrobenzene-d5	7.457	82	644190	59.019	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	377710	105.704	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1396803	53.814	ng	0.00
79) Terphenyl-d14	13.010	244	1879960	45.489	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.045	149	3758	4.403	ng	Qvalue # 93

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

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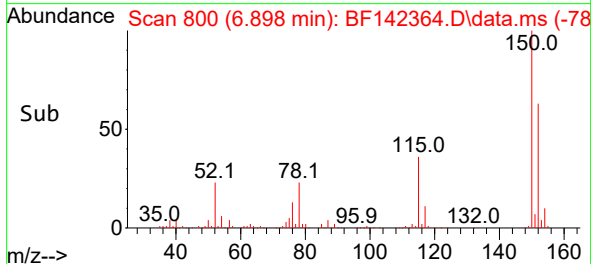
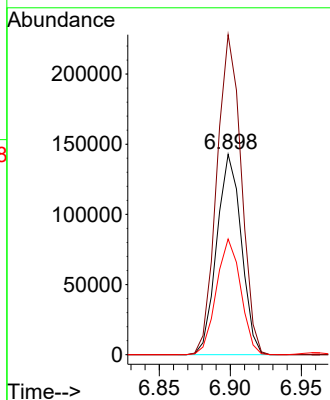
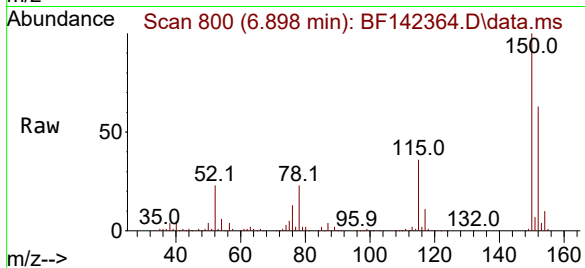




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142364.D
Acq: 14 May 2025 14:23

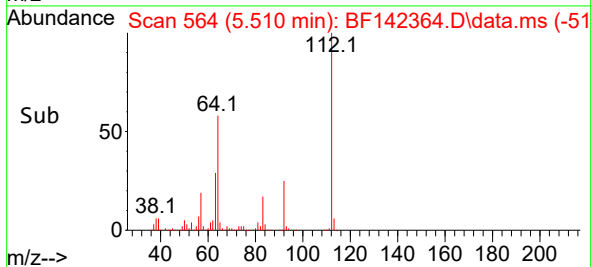
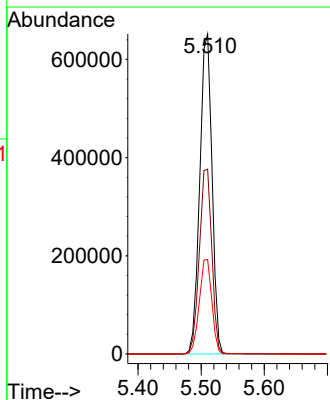
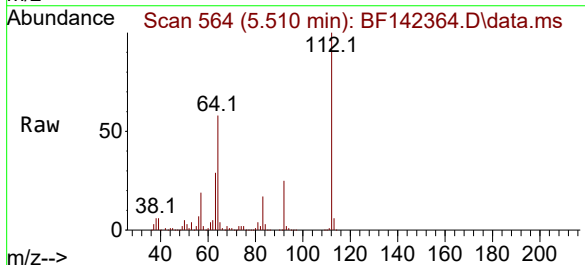
Instrument :
BNA_F
ClientSampleId :
TP-1

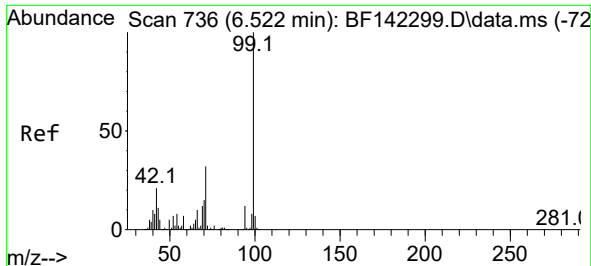
Tgt Ion:152 Resp: 171428
Ion Ratio Lower Upper
152 100
150 159.7 126.6 190.0
115 57.7 47.3 70.9



#5
2-Fluorophenol
Concen: 87.877 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF142364.D
Acq: 14 May 2025 14:23

Tgt Ion:112 Resp: 882477
Ion Ratio Lower Upper
112 100
64 57.8 48.9 73.3
63 29.5 25.6 38.4

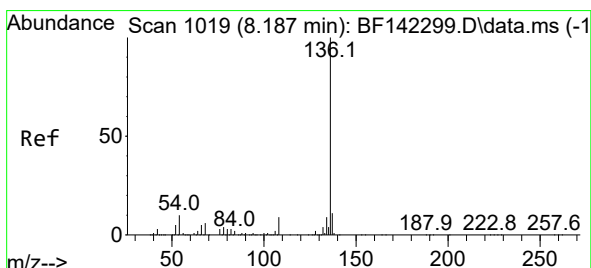
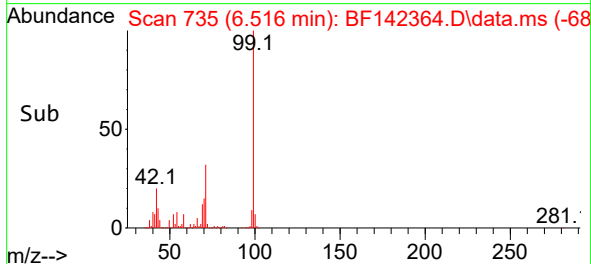
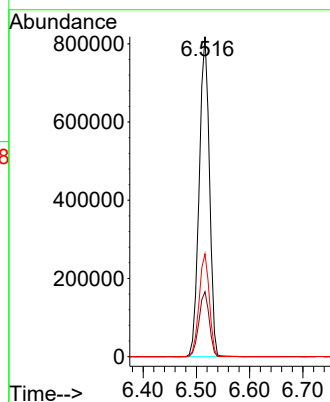
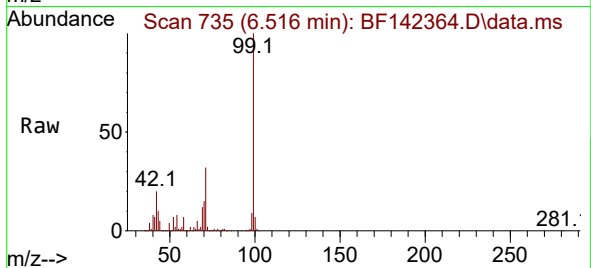




#7
Phenol-d6
Concen: 88.582 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142364.D
Acq: 14 May 2025 14:23

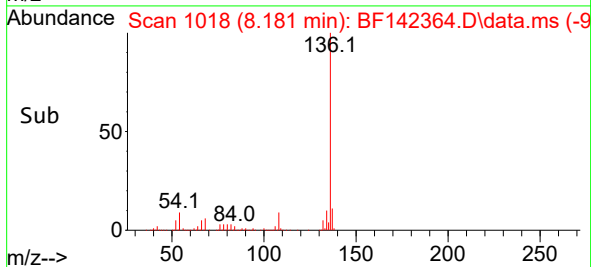
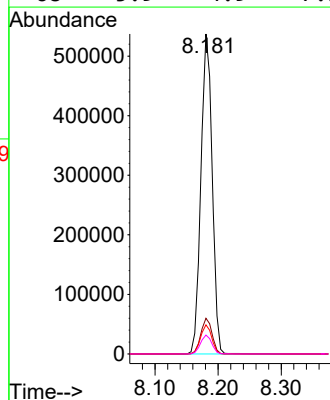
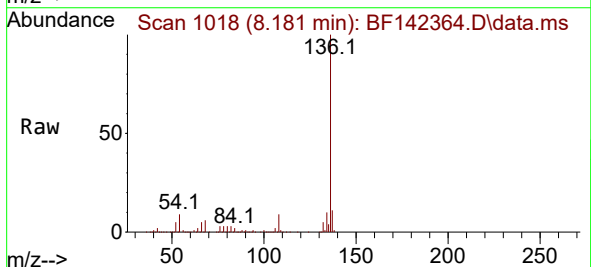
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 1094089
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.4
71 32.2 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: BF142364.D
Acq: 14 May 2025 14:23

Tgt Ion: 136 Resp: 665674
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.1 7.7 11.5
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 59.019 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142364.D

Acq: 14 May 2025 14:23

Instrument :

BNA_F

ClientSampleId :

TP-1

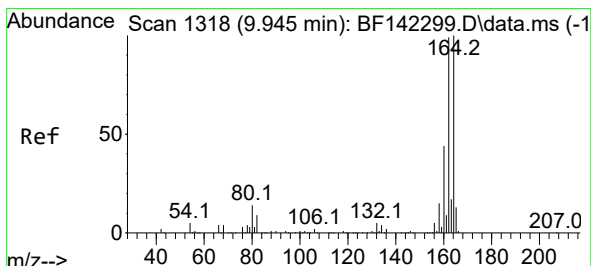
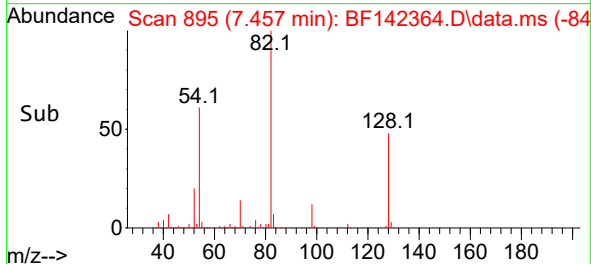
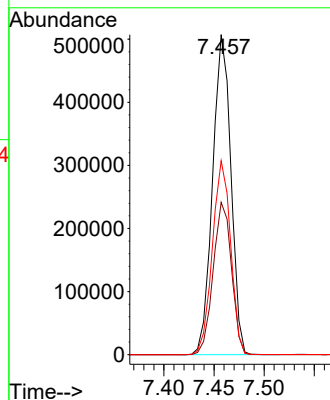
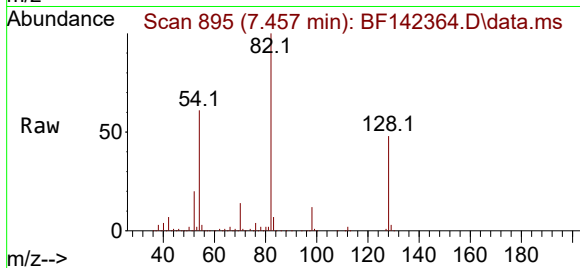
Tgt Ion: 82 Resp: 644190

Ion Ratio Lower Upper

82 100

128 47.6 37.0 55.6

54 60.6 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142364.D

Acq: 14 May 2025 14:23

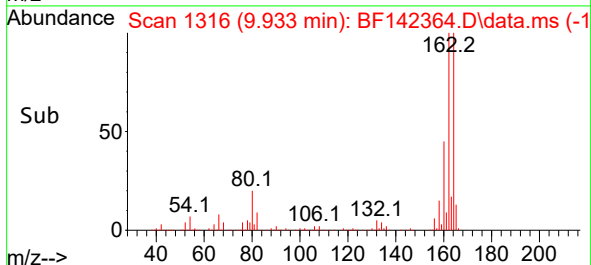
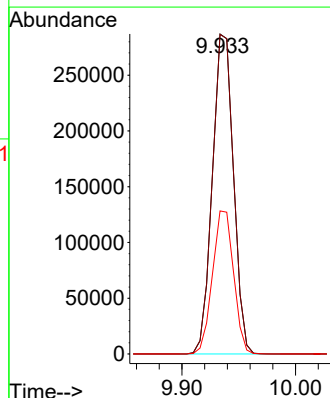
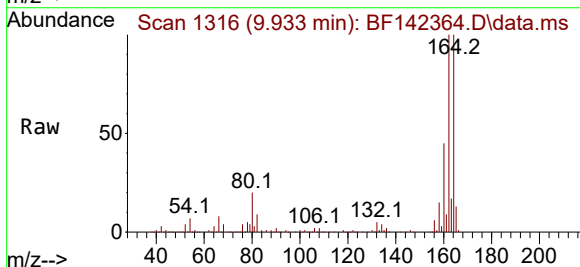
Tgt Ion:164 Resp: 370105

Ion Ratio Lower Upper

164 100

162 99.8 79.2 118.8

160 44.7 35.3 52.9

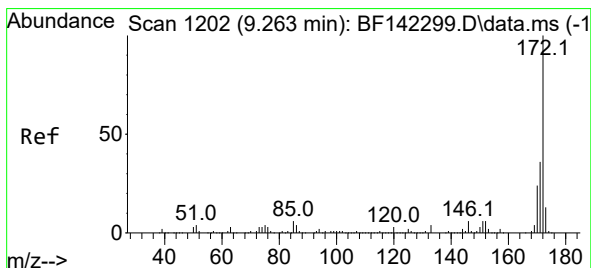
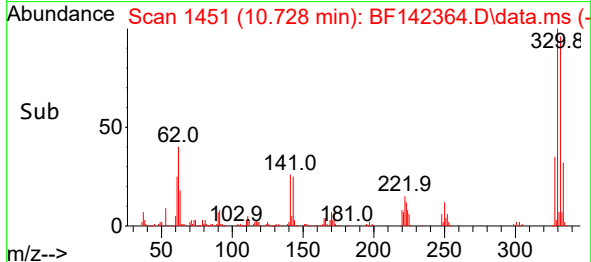
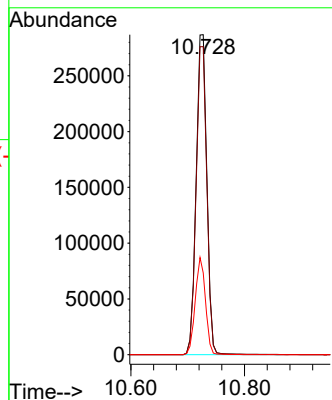
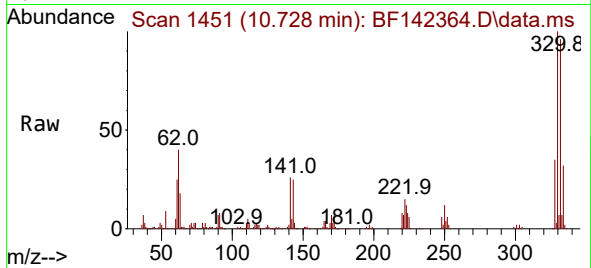




#42
2,4,6-Tribromophenol
Concen: 105.704 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142364.D
Acq: 14 May 2025 14:23

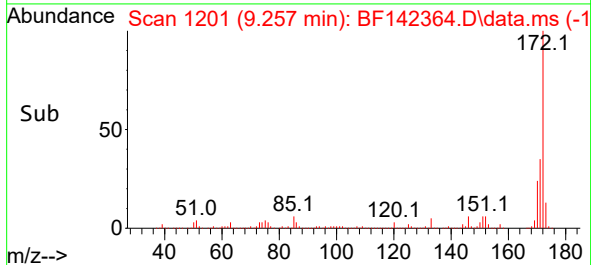
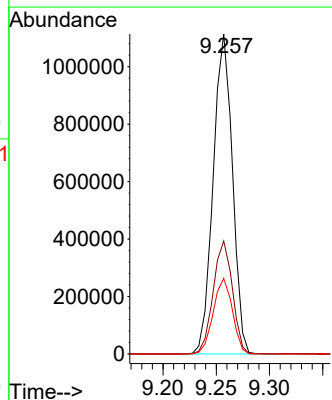
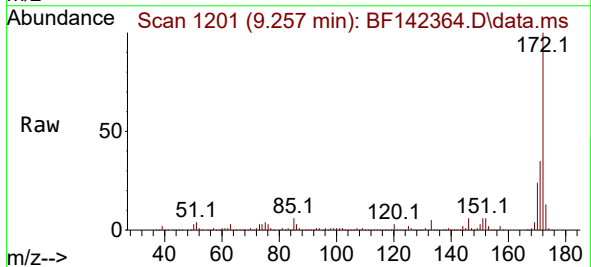
Instrument :
BNA_F
ClientSampleId :
TP-1

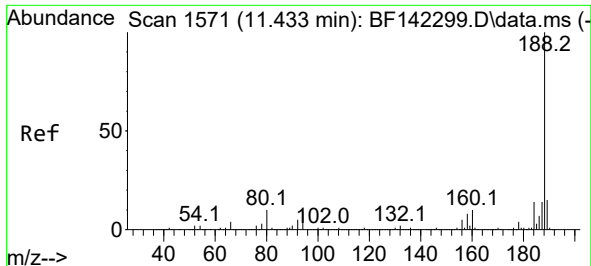
Tgt Ion: 330 Resp: 377710
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 29.1 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 53.814 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142364.D
Acq: 14 May 2025 14:23

Tgt Ion: 172 Resp: 1396803
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.6 19.0 28.4

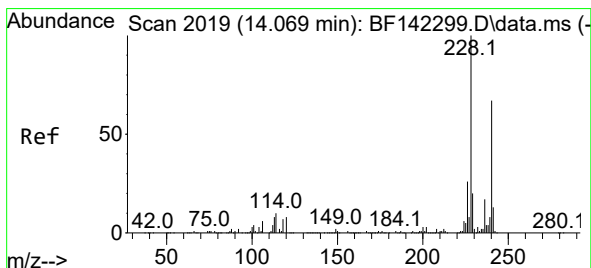
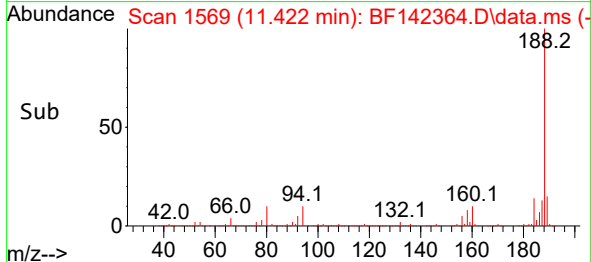
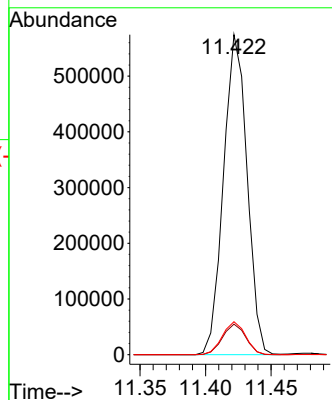
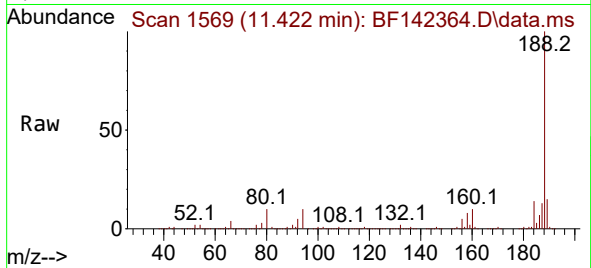




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142364.D
Acq: 14 May 2025 14:23

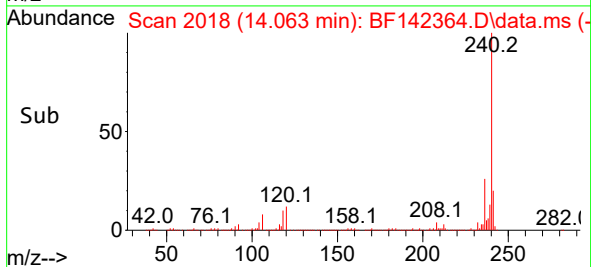
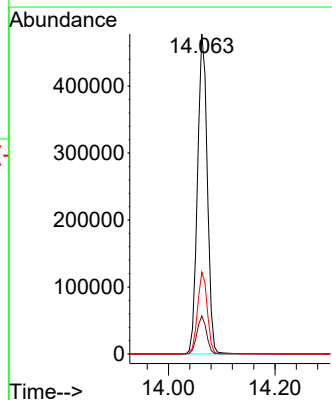
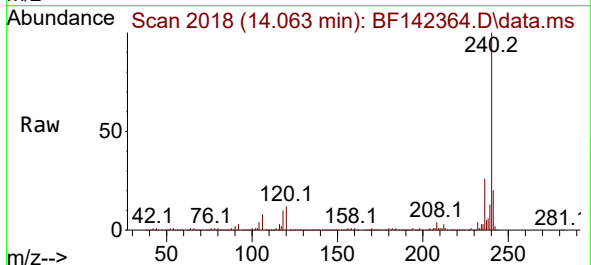
Instrument :
BNA_F
ClientSampleId :
TP-1

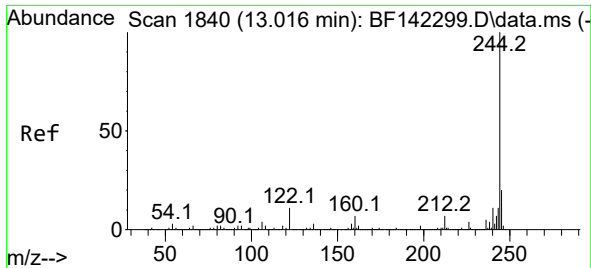
Tgt Ion:188 Resp: 718007
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 10.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142364.D
Acq: 14 May 2025 14:23

Tgt Ion:240 Resp: 611693
Ion Ratio Lower Upper
240 100
120 11.8 9.7 14.5
236 25.6 20.0 30.0

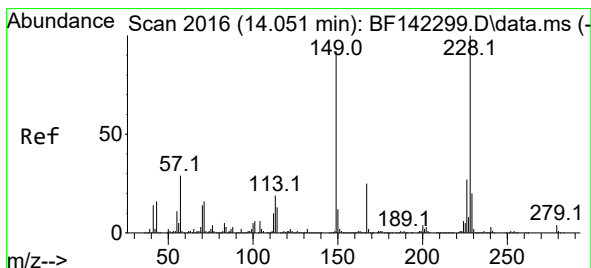
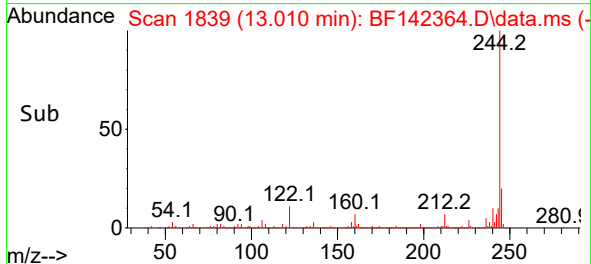
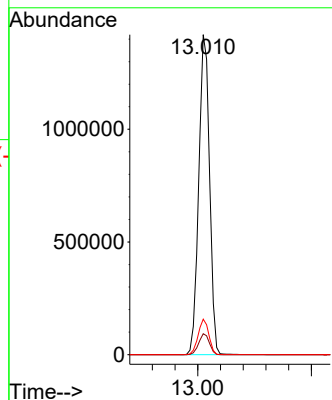
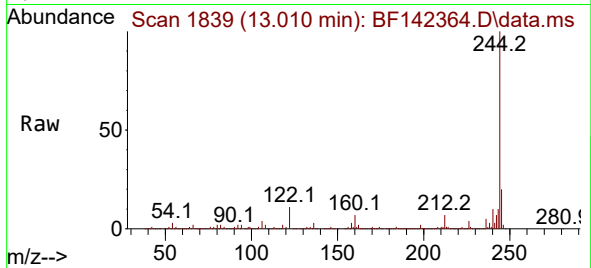




#79
 Terphenyl-d14
 Concen: 45.489 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142364.D
 Acq: 14 May 2025 14:23

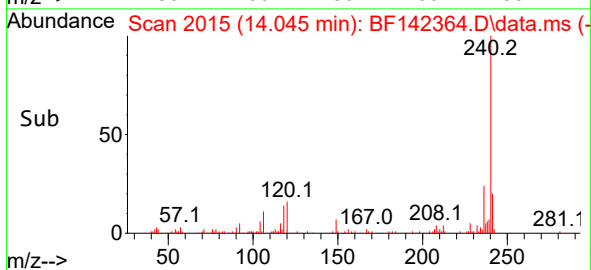
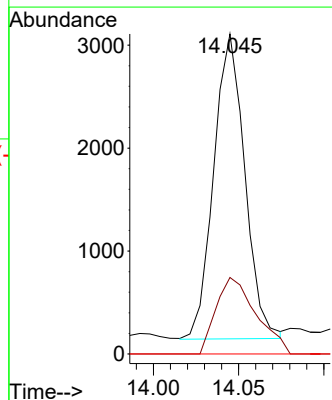
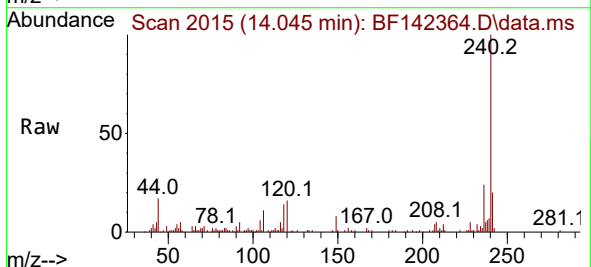
Instrument :
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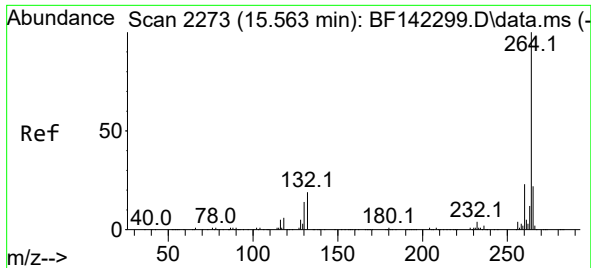
Tgt Ion:244 Resp: 1879960
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 11.1 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.403 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF142364.D
 Acq: 14 May 2025 14:23

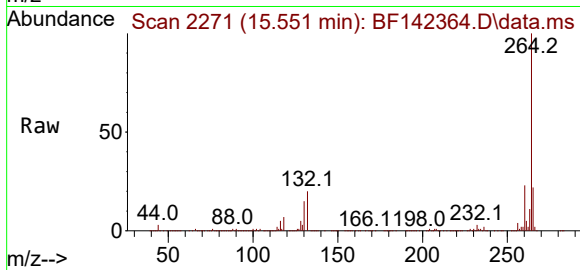
Tgt Ion:149 Resp: 3758
 Ion Ratio Lower Upper
 149 100
 167 23.9 22.0 33.0
 279 0.0 3.0 4.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142364.D
Acq: 14 May 2025 14:23

Instrument :
BNA_F
ClientSampleId :
TP-1



Tgt Ion:264 Resp: 503779
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.7 17.5 26.3

