

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142494.D
 Acq On : 21 May 2025 18:36
 Operator : RC/JU
 Sample : Q2071-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L1-WC-9

Quant Time: May 22 01:01:43 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)

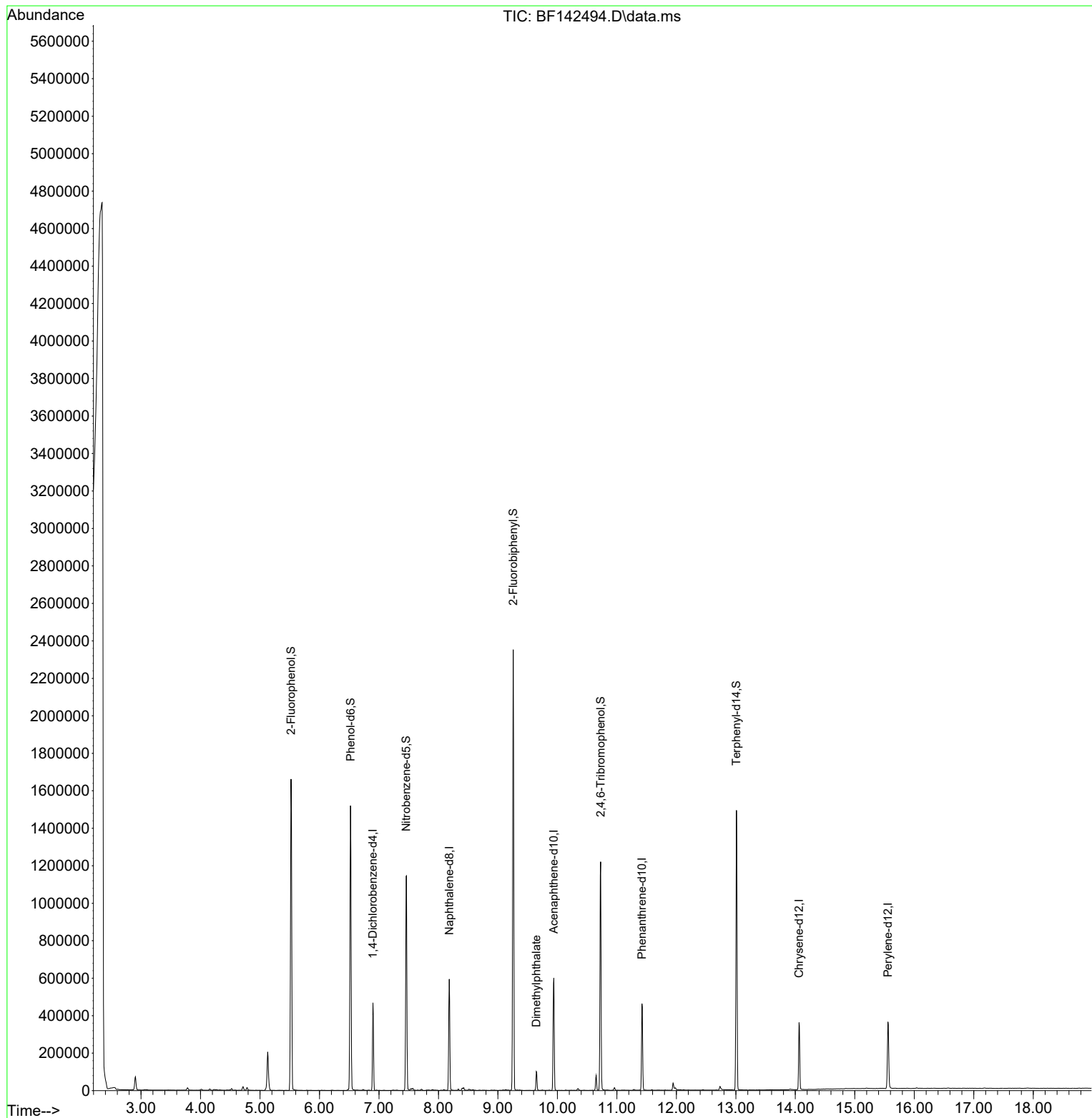
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	98850	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	371466	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	182239	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	251745	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	181547	20.000	ng	-0.01
86) Perylene-d12	15.557	264	215609	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	644201	109.795	ng	0.00
7) Phenol-d6	6.522	99	710178	100.551	ng	-0.01
23) Nitrobenzene-d5	7.457	82	510620	74.956	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	221058	109.293	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1037765	76.413	ng	-0.01
79) Terphenyl-d14	13.010	244	719710	54.174	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.645	163	59983	4.988	ng	Qvalue 100

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

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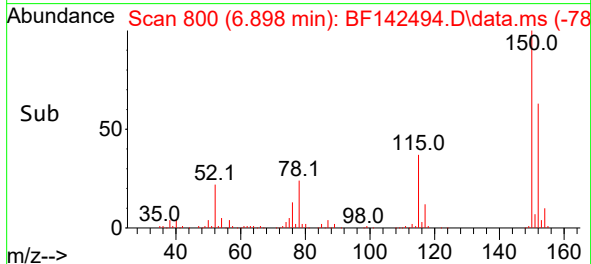
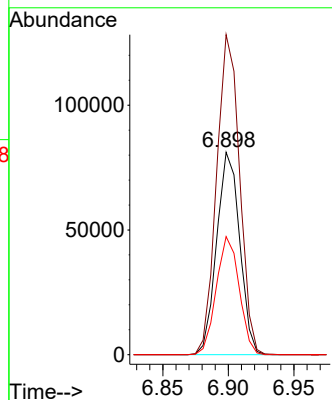
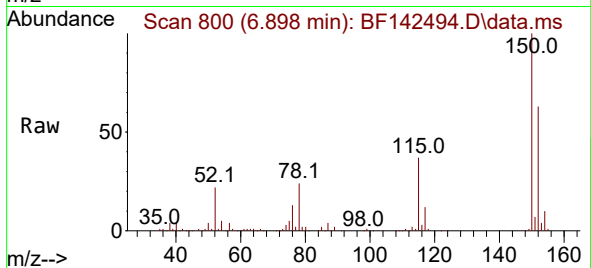




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

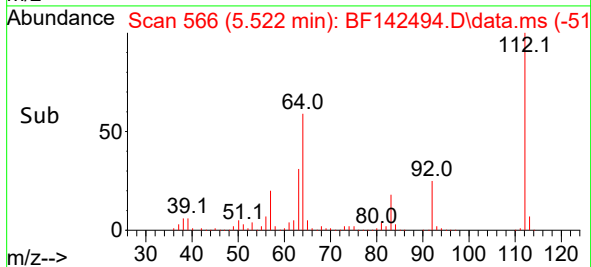
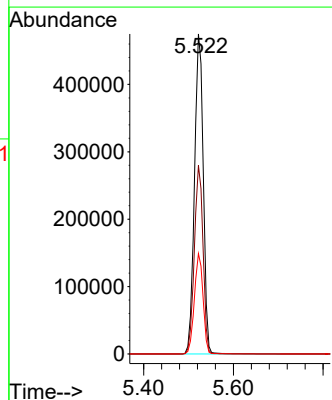
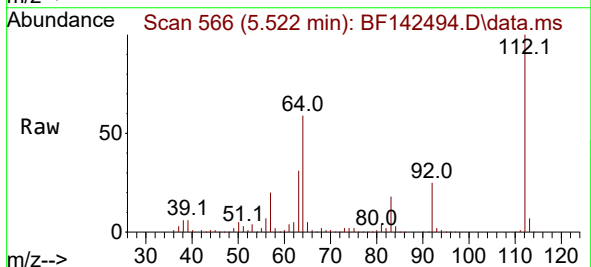
Instrument :
BNA_F
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L1-WC-9

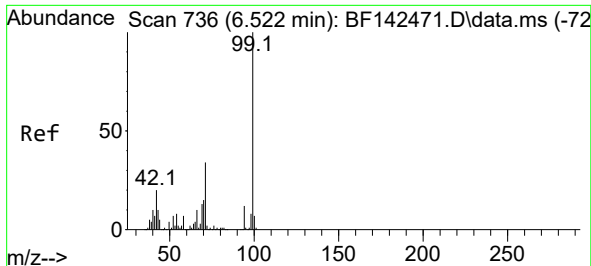
Tgt Ion:152 Resp: 98850
Ion Ratio Lower Upper
152 100
150 158.1 128.2 192.4
115 58.3 48.3 72.5



#5
2-Fluorophenol
Concen: 109.795 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

Tgt Ion:112 Resp: 644201
Ion Ratio Lower Upper
112 100
64 58.9 47.5 71.3
63 31.3 24.9 37.3





#7

Phenol-d6

Concen: 100.551 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF142494.D

Acq: 21 May 2025 18:36

Instrument :

BNA_F

ClientSampleId :

L1-WC-9

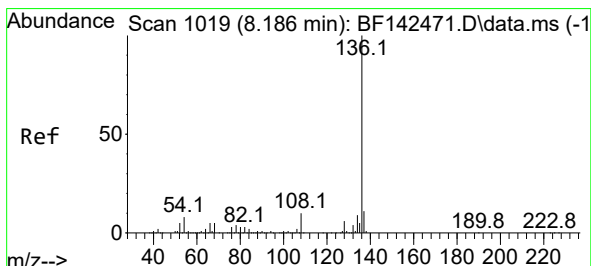
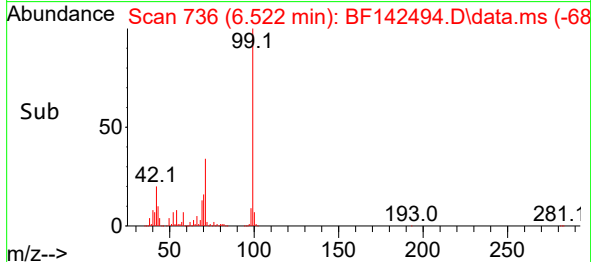
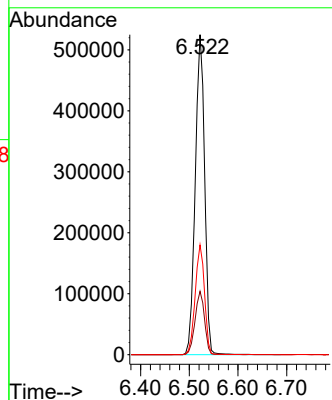
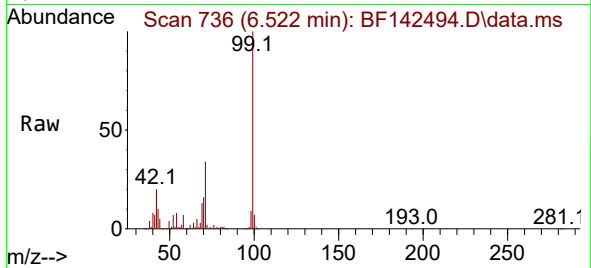
Tgt Ion: 99 Resp: 710178

Ion Ratio Lower Upper

99 100

42 19.8 16.2 24.2

71 34.3 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: BF142494.D

Acq: 21 May 2025 18:36

Tgt Ion:136 Resp: 371466

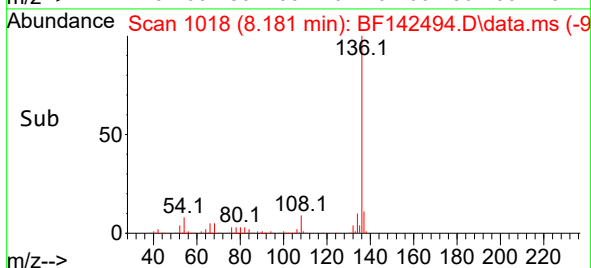
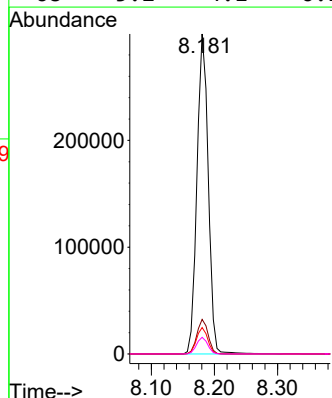
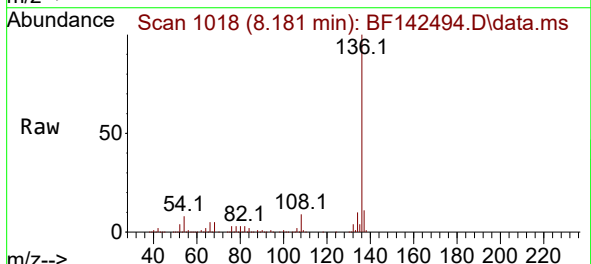
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.3 6.6 10.0

68 5.2 4.1 6.1

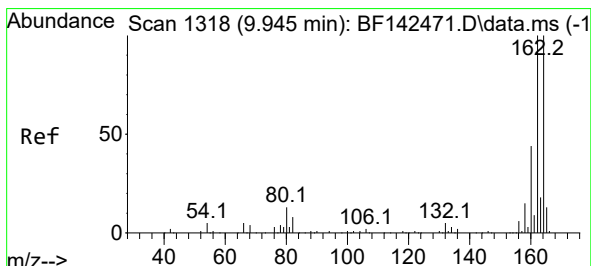
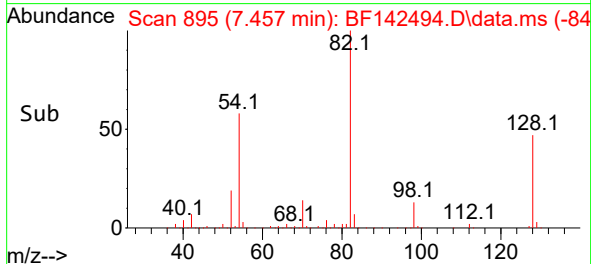
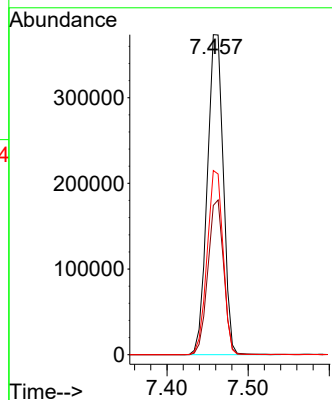
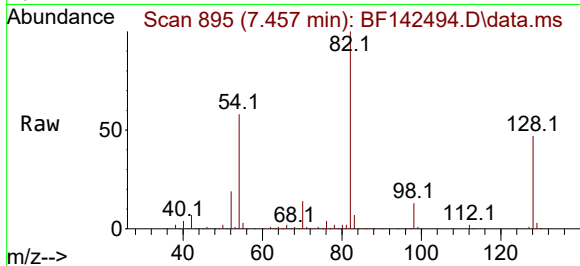




#23
Nitrobenzene-d5
Concen: 74.956 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

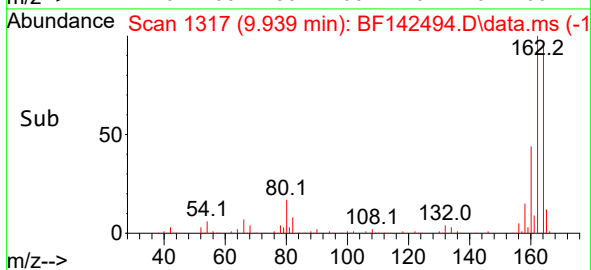
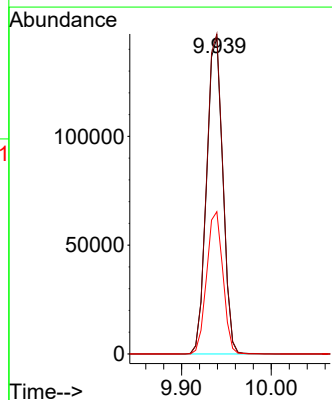
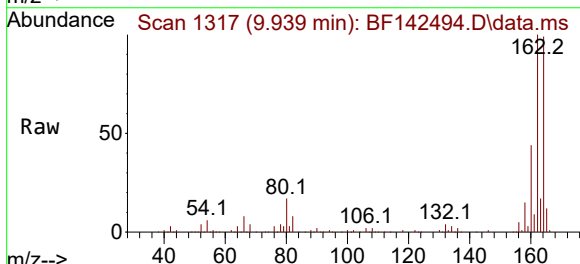
Instrument :
BNA_F
ClientSampleId :
L1-WC-9

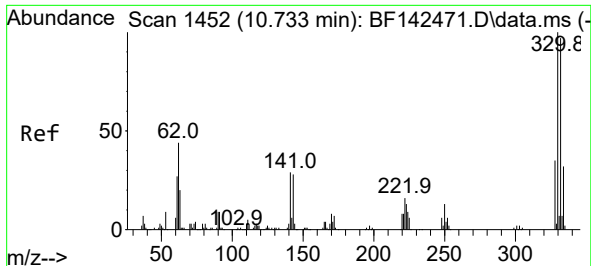
Tgt Ion: 82 Resp: 510620
Ion Ratio Lower Upper
82 100
128 46.7 37.4 56.2
54 57.5 46.6 70.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

Tgt Ion:164 Resp: 182239
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.4
160 45.0 35.6 53.4

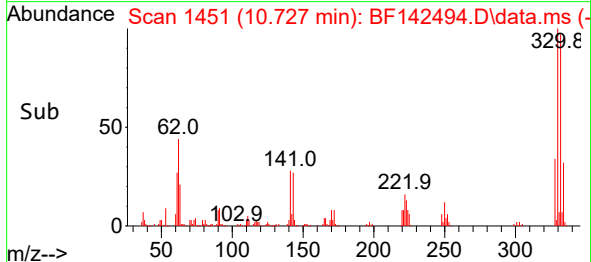
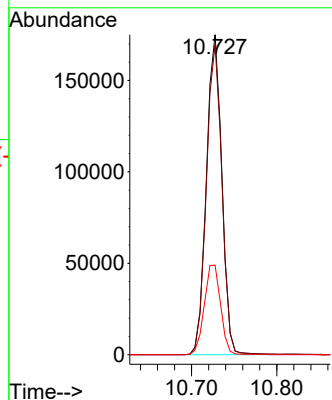
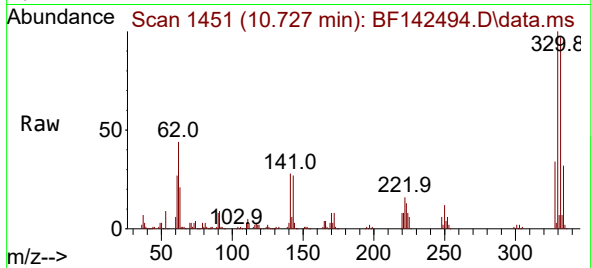




#42
2,4,6-Tribromophenol
Concen: 109.293 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

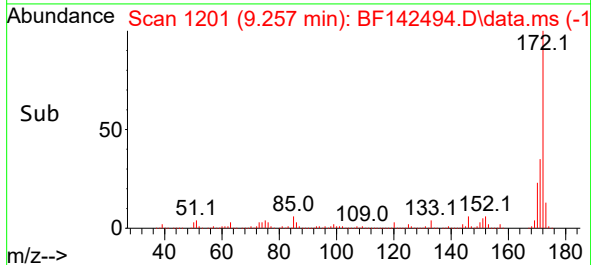
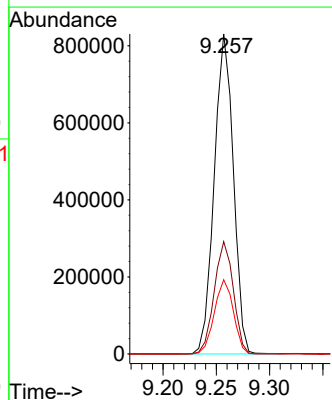
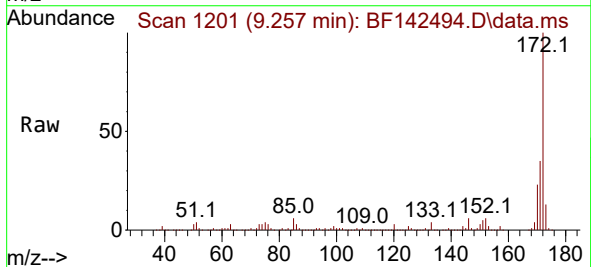
Instrument :
BNA_F
ClientSampleId :
L1-WC-9

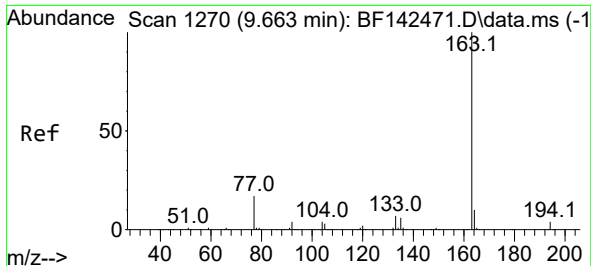
Tgt Ion:330 Resp: 221058
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 29.5 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 76.413 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

Tgt Ion:172 Resp: 1037765
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.2 18.9 28.3

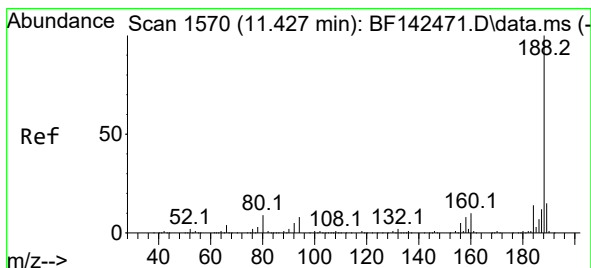
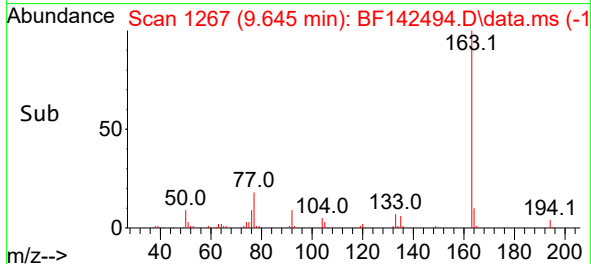
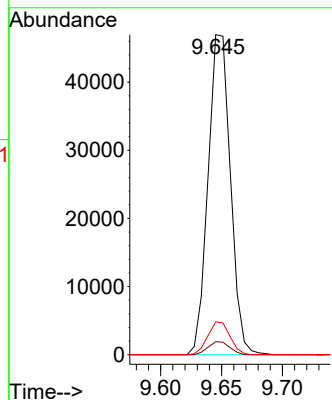
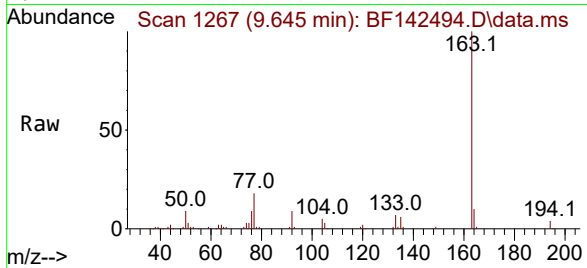




#50
Dimethylphthalate
Concen: 4.988 ng
RT: 9.645 min Scan# 1569
Delta R.T. -0.023 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

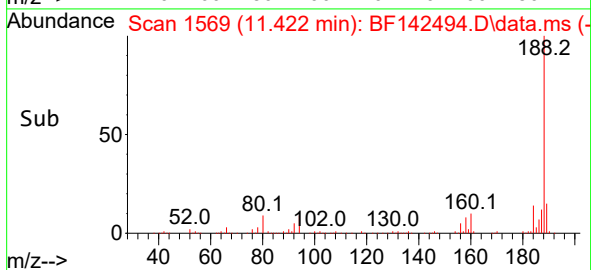
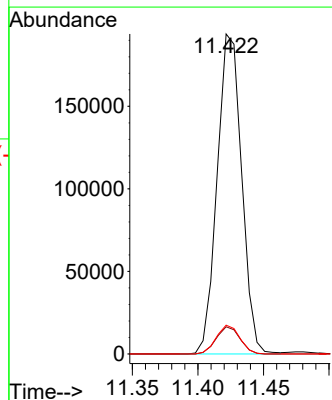
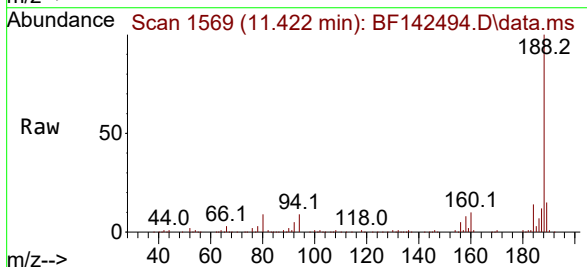
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ClientSampleId :
L1-WC-9

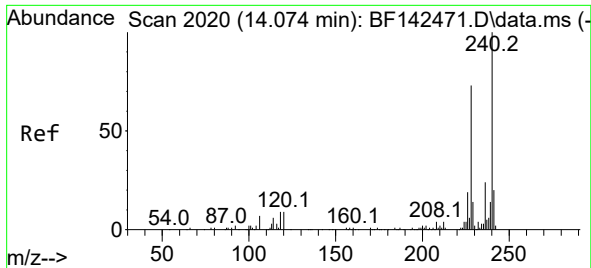
Tgt Ion:163 Resp: 59983
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

Tgt Ion:188 Resp: 251745
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.0 7.4 11.0

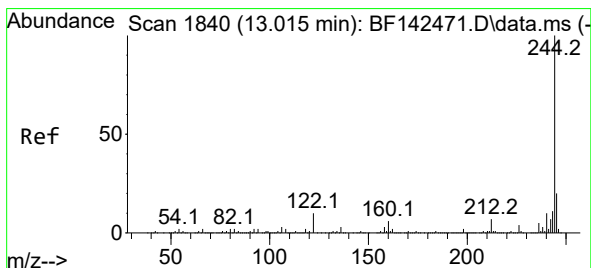
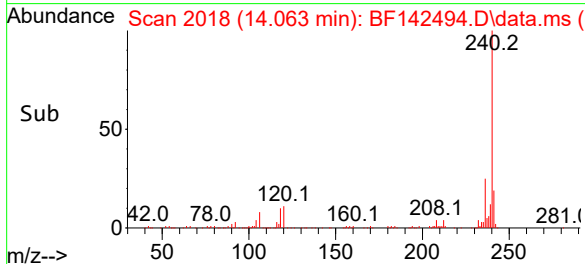
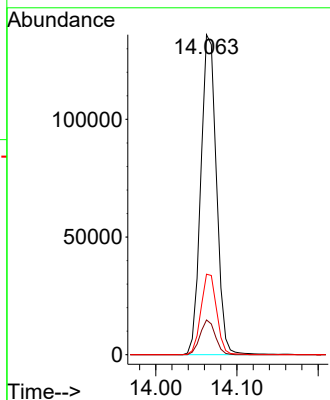
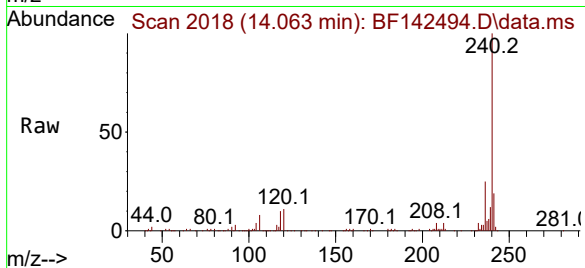




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

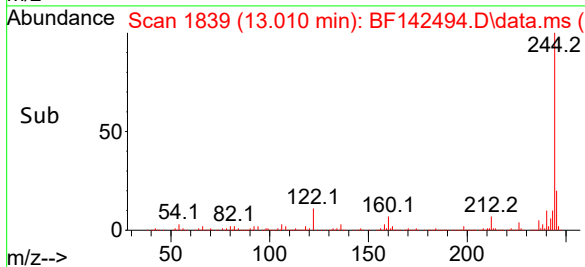
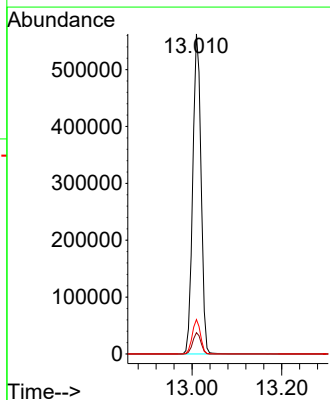
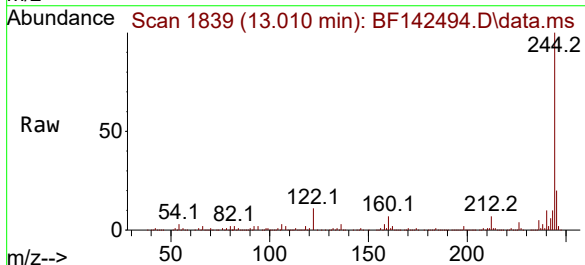
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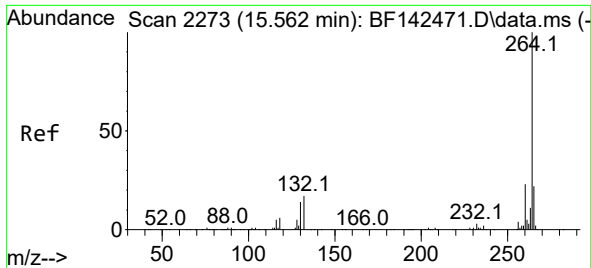
Tgt Ion:240 Resp: 181547
Ion Ratio Lower Upper
240 100
120 10.9 7.5 11.3
236 25.2 19.6 29.4



#79
Terphenyl-d14
Concen: 54.174 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142494.D
Acq: 21 May 2025 18:36

Tgt Ion:244 Resp: 719710
Ion Ratio Lower Upper
244 100
212 6.6 5.3 7.9
122 10.8 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF142494.D
 Acq: 21 May 2025 18:36

Instrument :
 BNA_F
 ClientSampleId :
 L1-WC-9

Tgt Ion:264 Resp: 215609
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.7 17.7 26.5

