

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
 Data File : BP025148.D
 Acq On : 15 Jul 2025 16:39
 Operator : CG/JU
 Sample : Q2597-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26899

Quant Time: Jul 15 17:29:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

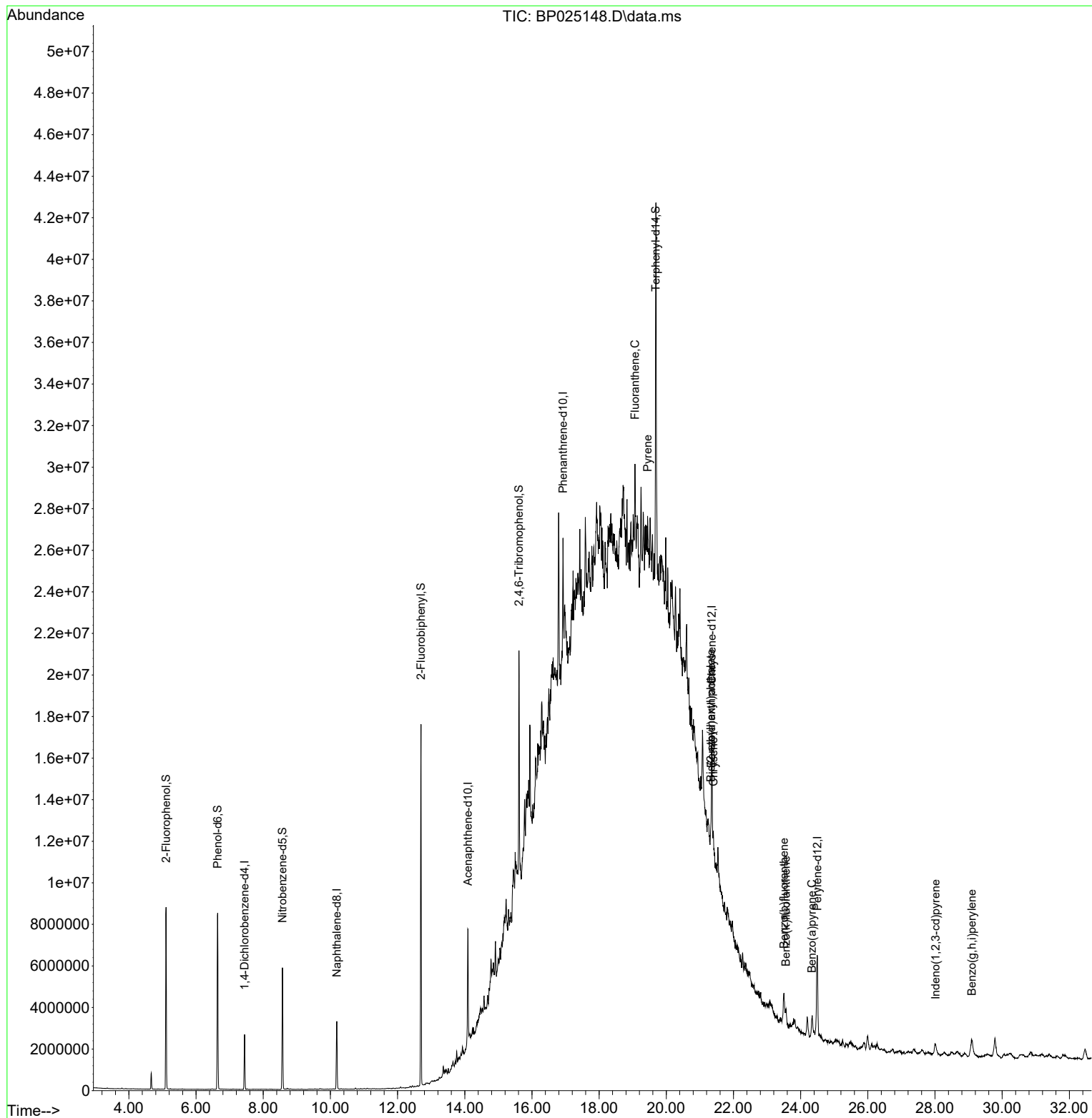
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	727942	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2997888	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1832281	20.000	ng	0.00
64) Phenanthrene-d10	16.925	188	3043849	20.000	ng	# 0.02
76) Chrysene-d12	21.354	240	3394341	20.000	ng	0.01
86) Perylene-d12	24.495	264	3990432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	3976465	96.789	ng	0.01
7) Phenol-d6	6.643	99	5213374	97.240	ng	0.01
23) Nitrobenzene-d5	8.572	82	3246821	72.027	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	2547372	117.687	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	8700943	73.565	ng	0.00
79) Terphenyl-d14	19.689	244	11702772	75.774	ng	0.02
Target Compounds						Qvalue
75) Fluoranthene	19.066	202	973884	5.123	ng	89
78) Pyrene	19.442	202	1097802	5.222	ng	# 90
81) Benzo(a)anthracene	21.336	228	634033	3.082	ng	# 93
83) Chrysene	21.401	228	897959	4.536	ng	# 95
84) Bis(2-ethylhexyl)phtha...	21.324	149	630843	5.717	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.012	276	788422	3.101	ng	# 88
88) Benzo(b)fluoranthene	23.501	252	1638076	7.053	ng	# 96
89) Benzo(k)fluoranthene	23.560	252	534841m	2.314	ng	
90) Benzo(a)pyrene	24.336	252	620387	3.138	ng	# 90
92) Benzo(g,h,i)perylene	29.095	276	817158	3.764	ng	# 94

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

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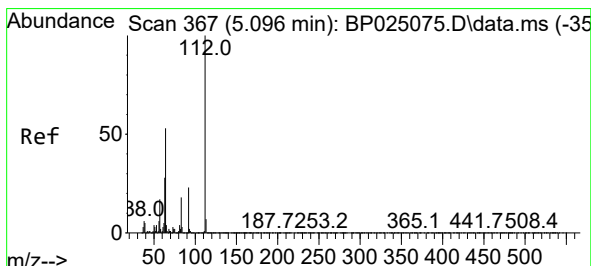
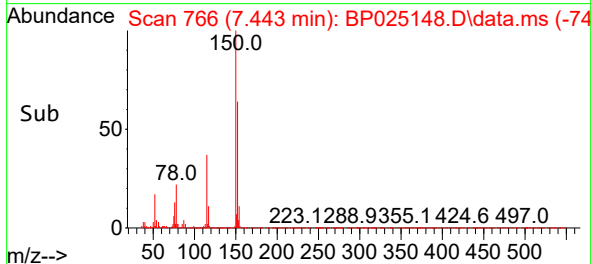
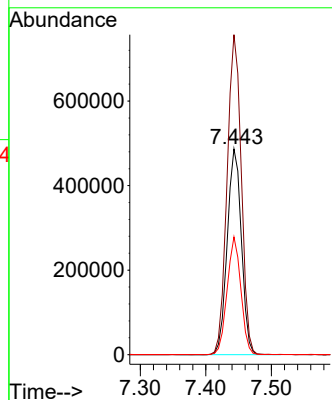
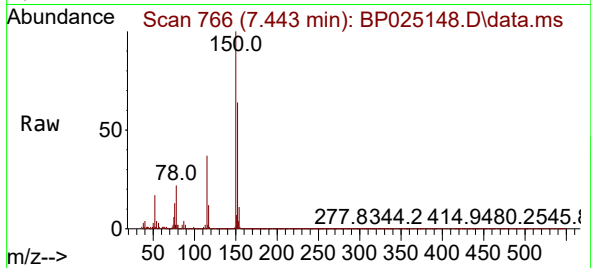




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025148.D
Acq: 15 Jul 2025 16:39

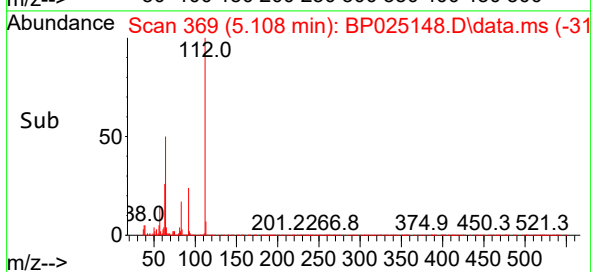
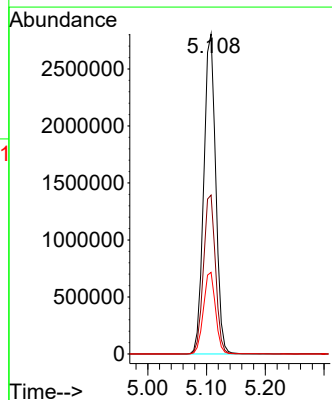
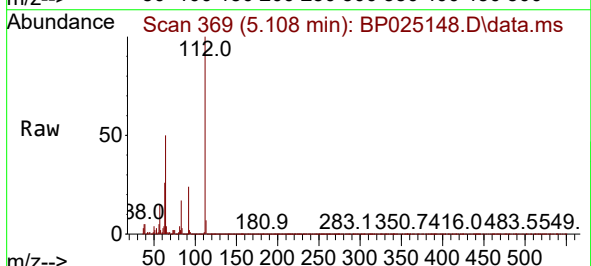
Instrument :
BNA_P
ClientSampleId :
CHRT-26899

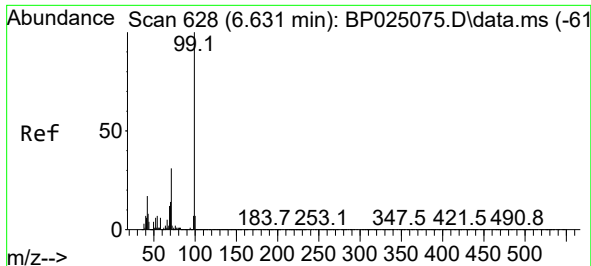
Tgt Ion:152 Resp: 727942
Ion Ratio Lower Upper
152 100
150 155.5 126.1 189.1
115 57.2 44.3 66.5



#5
2-Fluorophenol
Concen: 96.789 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.012 min
Lab File: BP025148.D
Acq: 15 Jul 2025 16:39

Tgt Ion:112 Resp: 3976465
Ion Ratio Lower Upper
112 100
64 49.7 42.0 63.0
63 25.5 22.2 33.2

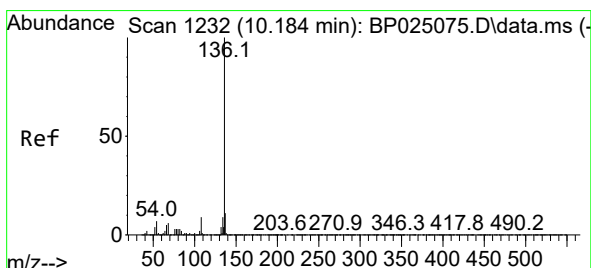
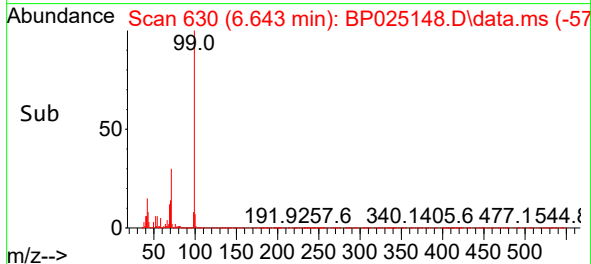
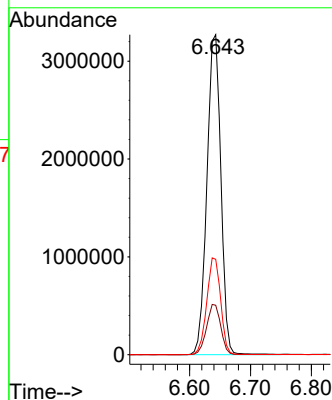
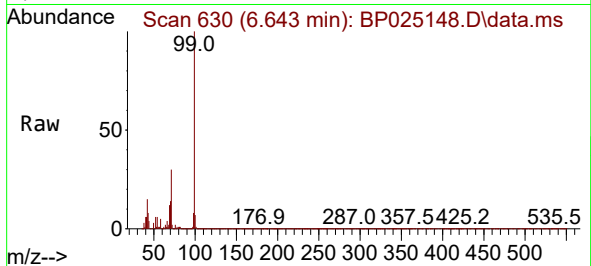




#7
Phenol-d6
Concen: 97.240 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025148.D
Acq: 15 Jul 2025 16:39

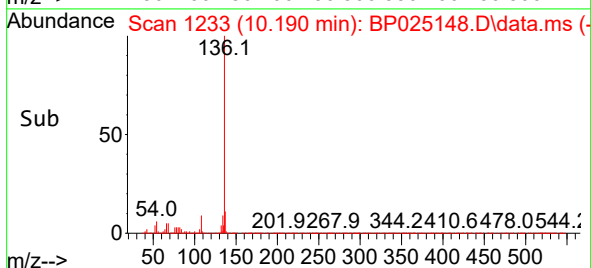
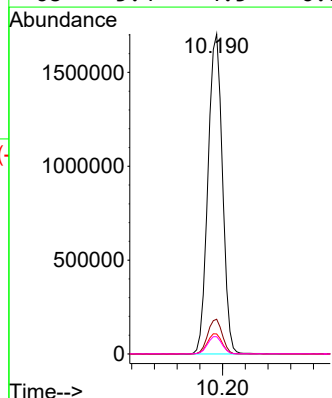
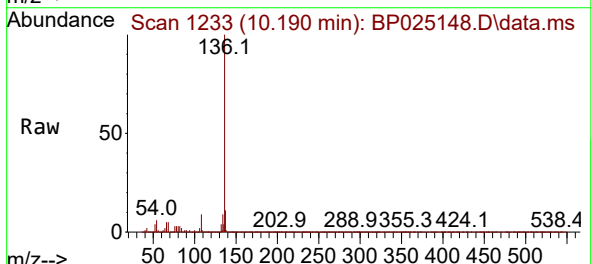
Instrument :
BNA_P
ClientSampleId :
CHRT-26899

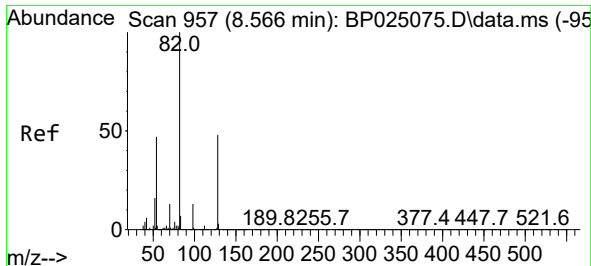
Tgt Ion: 99 Resp: 5213374
Ion Ratio Lower Upper
99 100
42 15.4 13.6 20.4
71 29.8 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025148.D
Acq: 15 Jul 2025 16:39

Tgt Ion:136 Resp: 2997888
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.2 5.4 8.2
68 5.4 4.5 6.7

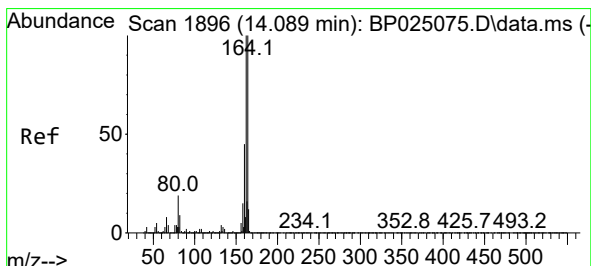
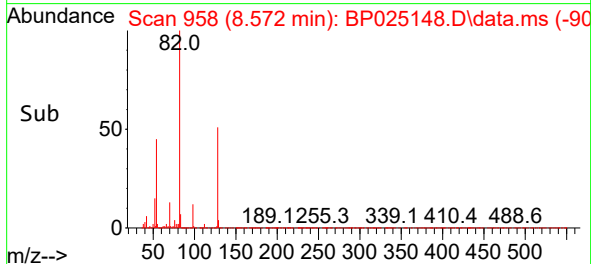
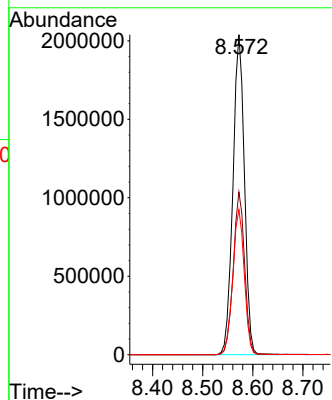
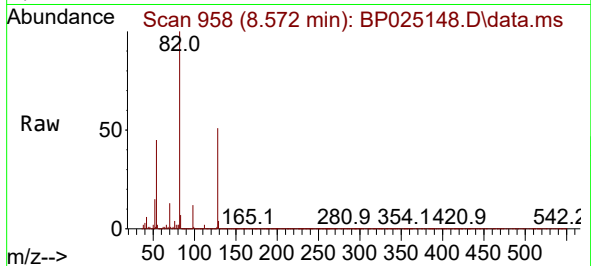




#23
Nitrobenzene-d5
Concen: 72.027 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025148.D
Acq: 15 Jul 2025 16:39

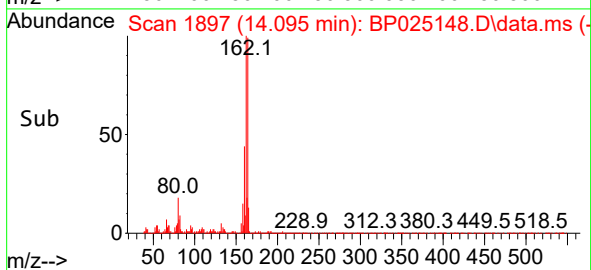
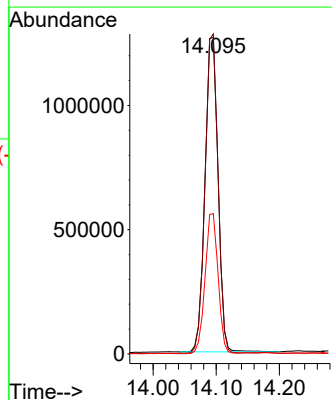
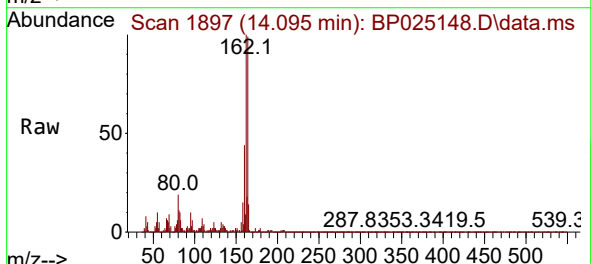
Instrument :
BNA_P
ClientSampleId :
CHRT-26899

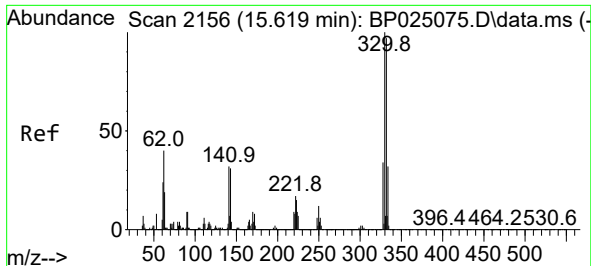
Tgt Ion: 82 Resp: 3246821
Ion Ratio Lower Upper
82 100
128 50.8 38.4 57.6
54 45.3 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1897
Delta R.T. 0.006 min
Lab File: BP025148.D
Acq: 15 Jul 2025 16:39

Tgt Ion:164 Resp: 1832281
Ion Ratio Lower Upper
164 100
162 101.0 80.3 120.5
160 44.3 35.9 53.9

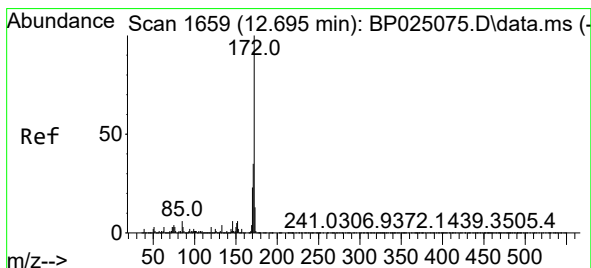
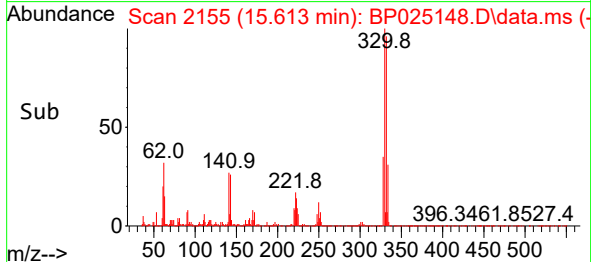
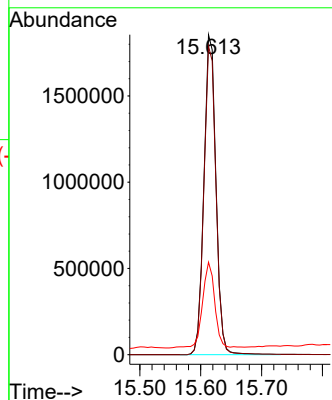
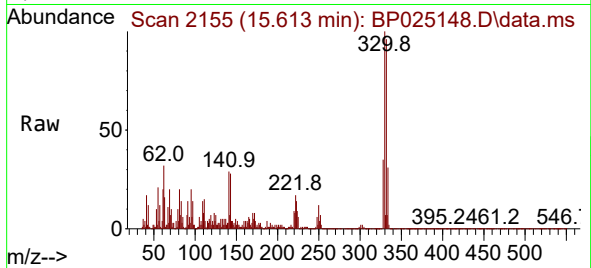




#42
2,4,6-Tribromophenol
Concen: 117.687 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP025148.D
Acq: 15 Jul 2025 16:39

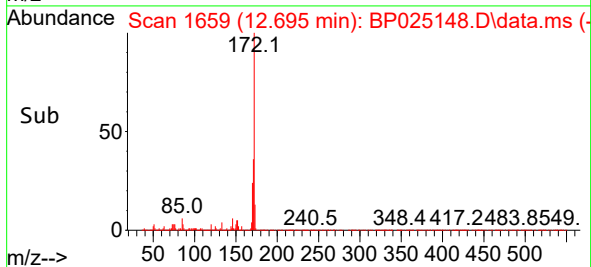
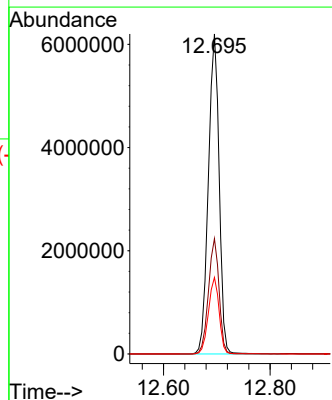
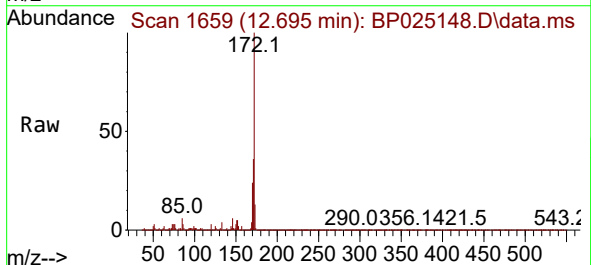
Instrument :
BNA_P
ClientSampleId :
CHRT-26899

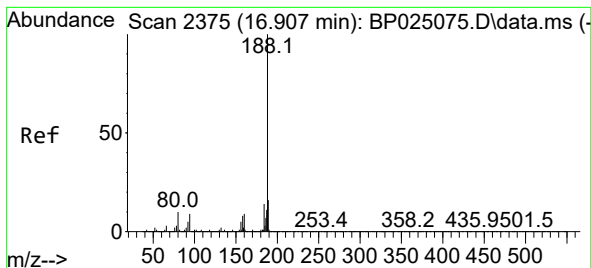
Tgt Ion:330 Resp: 2547372
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 27.6 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 73.565 ng
RT: 12.695 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BP025148.D
Acq: 15 Jul 2025 16:39

Tgt Ion:172 Resp: 8700943
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 23.9 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.925 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025148.D

Acq: 15 Jul 2025 16:39

Instrument :

BNA_P

ClientSampleId :

CHRT-26899

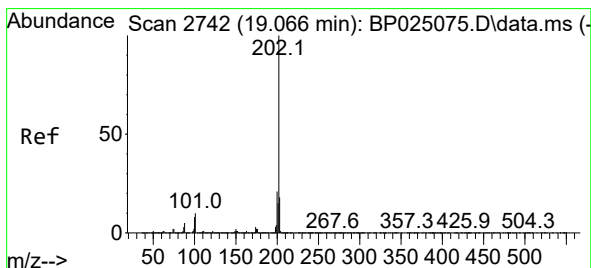
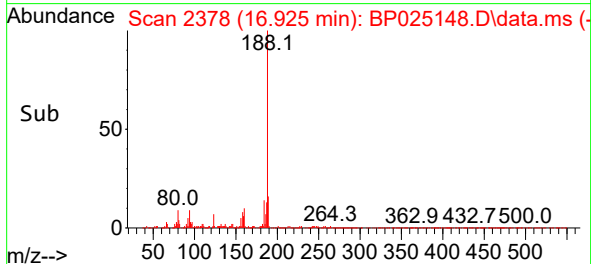
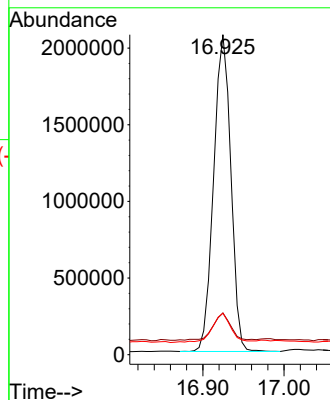
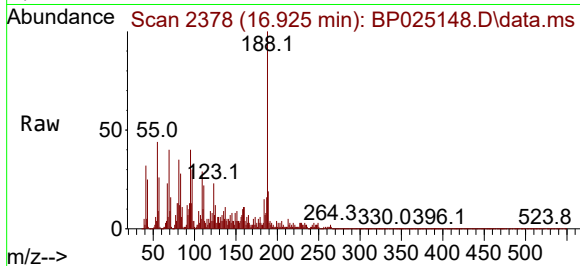
Tgt Ion:188 Resp: 3043849

Ion Ratio Lower Upper

188 100

94 13.0 7.3 10.9#

80 12.9 7.8 11.6#



#75

Fluoranthene

Concen: 5.123 ng

RT: 19.066 min Scan# 2742

Delta R.T. 0.000 min

Lab File: BP025148.D

Acq: 15 Jul 2025 16:39

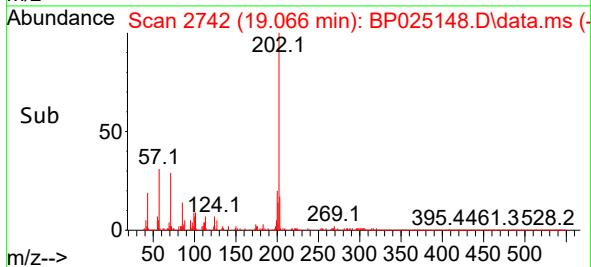
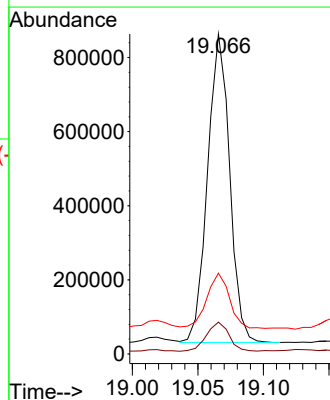
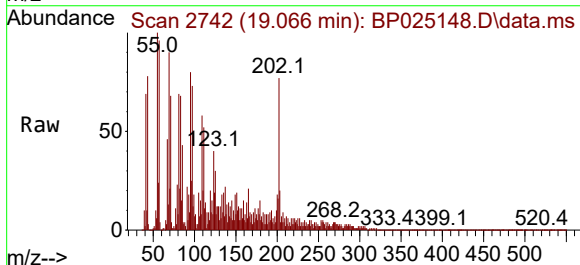
Tgt Ion:202 Resp: 973884

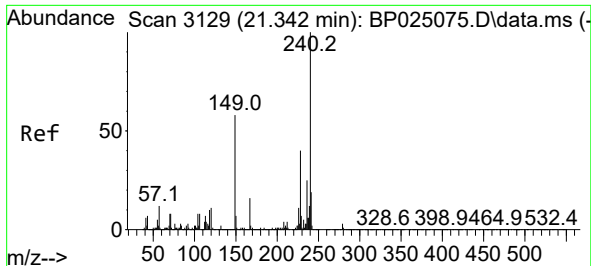
Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.4

203 25.3 0.0 37.6

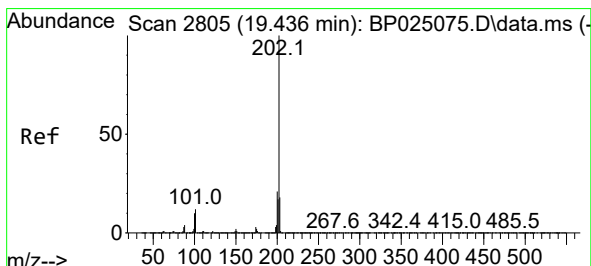
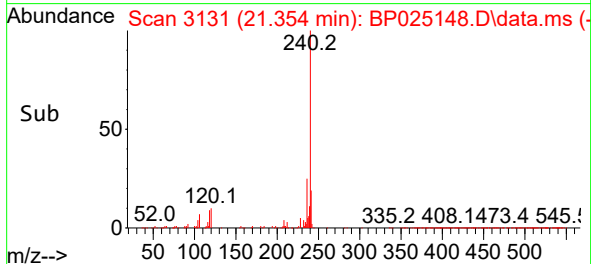
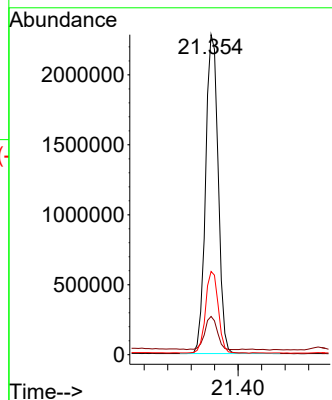
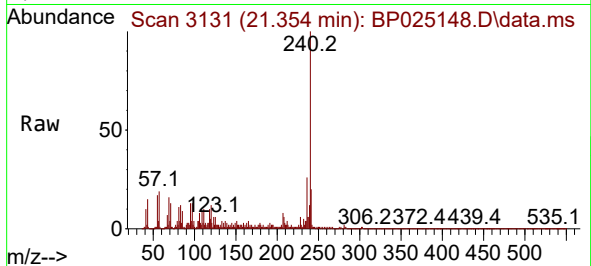




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3129
Delta R.T. 0.012 min
Lab File: BP025148.D
Acq: 15 Jul 2025 16:39

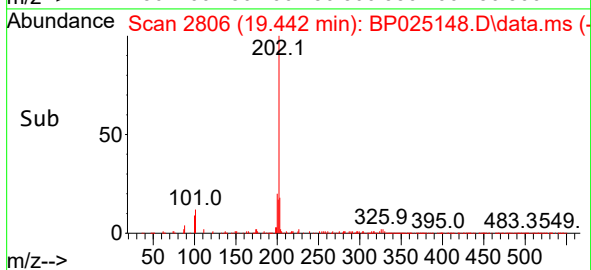
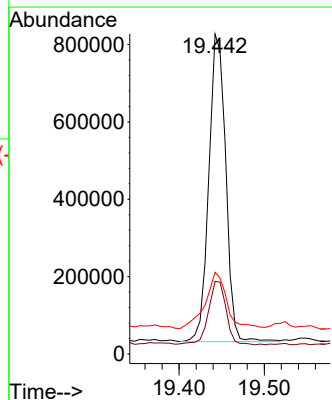
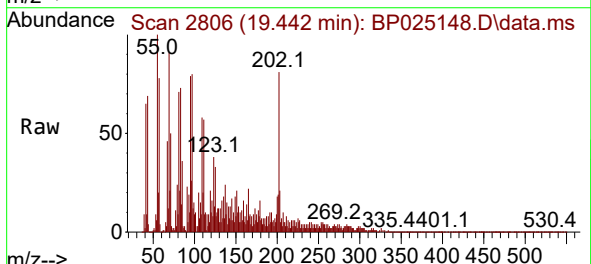
Instrument :
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CHRT-26899

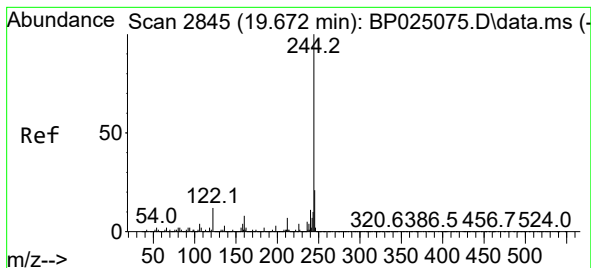
Tgt Ion:240 Resp: 3394341
Ion Ratio Lower Upper
240 100
120 12.0 9.0 13.4
236 26.0 20.3 30.5



#78
Pyrene
Concen: 5.222 ng
RT: 19.442 min Scan# 2806
Delta R.T. 0.006 min
Lab File: BP025148.D
Acq: 15 Jul 2025 16:39

Tgt Ion:202 Resp: 1097802
Ion Ratio Lower Upper
202 100
200 22.7 17.1 25.7
203 25.6 14.1 21.1#





#79

Terphenyl-d14

Concen: 75.774 ng

RT: 19.689 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025148.D

Acq: 15 Jul 2025 16:39

Instrument :

BNA_P

ClientSampleId :

CHRT-26899

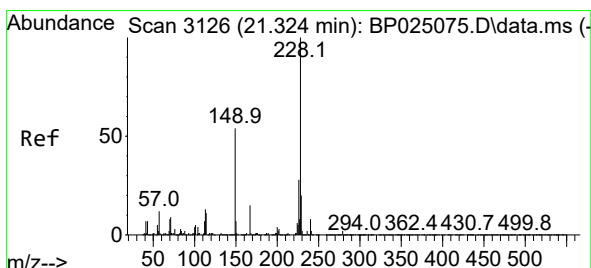
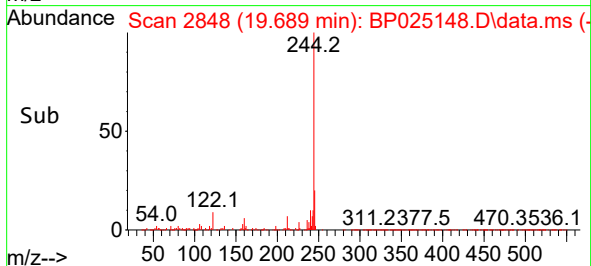
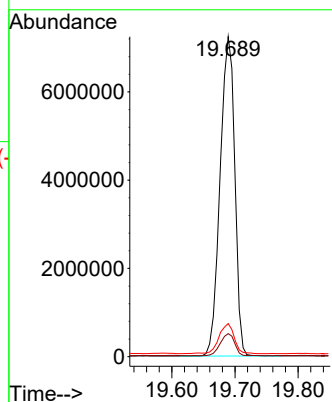
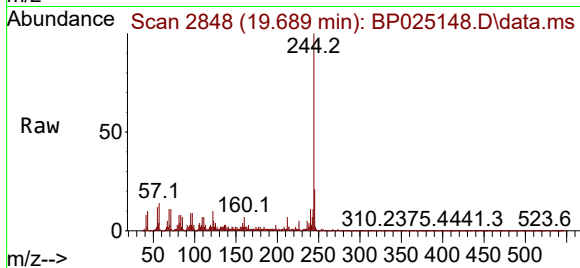
Tgt Ion:244 Resp:11702772

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 10.4 9.4 14.2



#81

Benzo(a)anthracene

Concen: 3.082 ng

RT: 21.336 min Scan# 3128

Delta R.T. 0.012 min

Lab File: BP025148.D

Acq: 15 Jul 2025 16:39

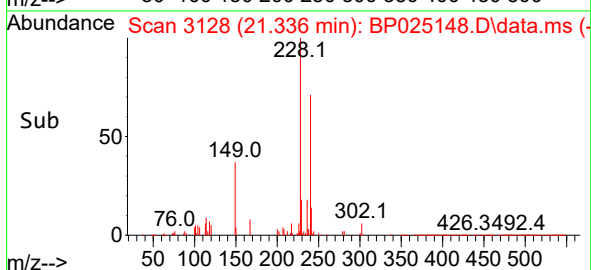
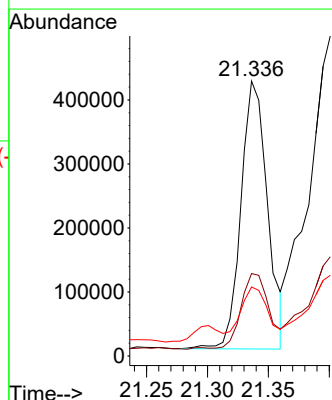
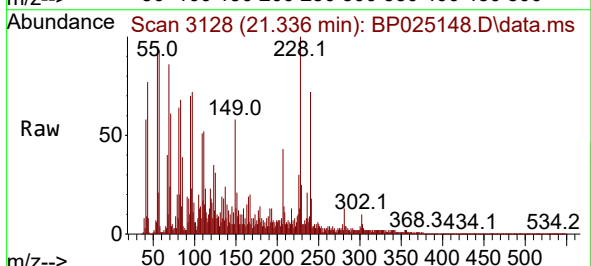
Tgt Ion:228 Resp: 634033

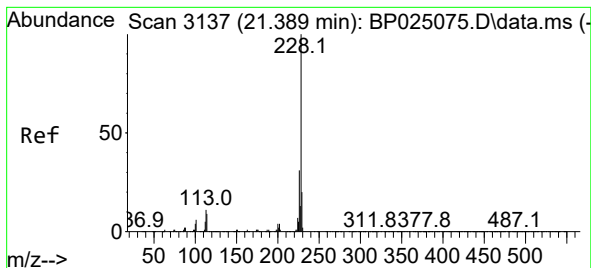
Ion Ratio Lower Upper

228 100

226 30.0 22.1 33.1

229 25.1 16.0 24.0#





#83

Chrysene

Concen: 4.536 ng

RT: 21.401 min Scan# 3139

Delta R.T. 0.012 min

Lab File: BP025148.D

Acq: 15 Jul 2025 16:39

Instrument :

BNA_P

ClientSampleId :

CHRT-26899

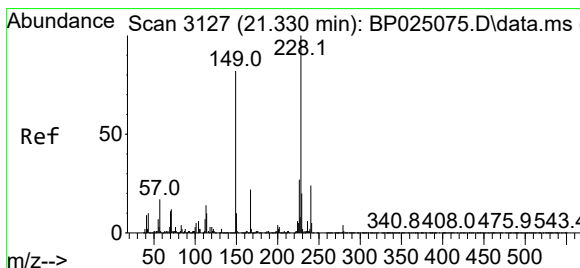
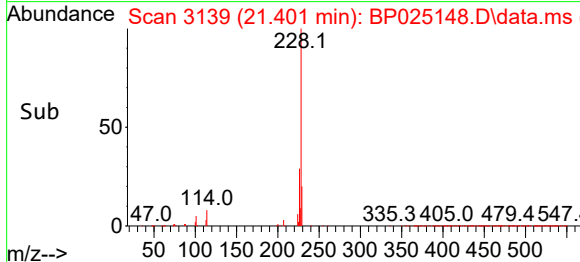
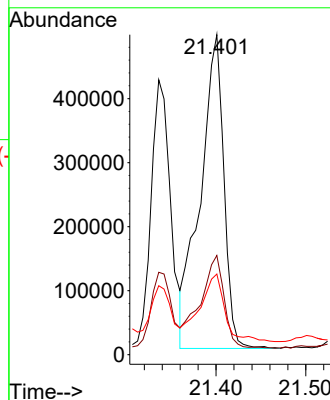
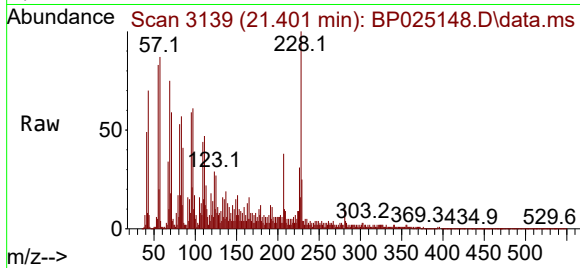
Tgt Ion:228 Resp: 897959

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

229 25.2 16.0 24.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.717 ng

RT: 21.324 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BP025148.D

Acq: 15 Jul 2025 16:39

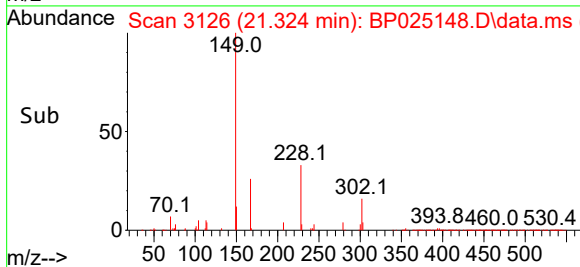
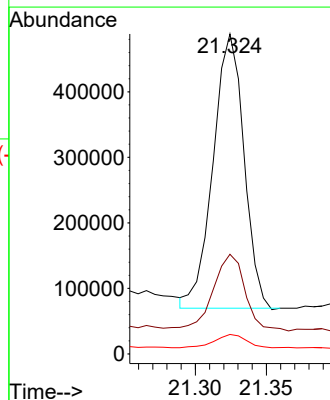
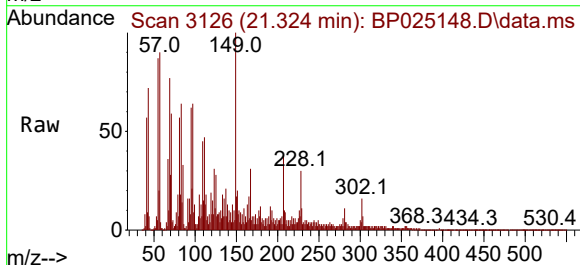
Tgt Ion:149 Resp: 630843

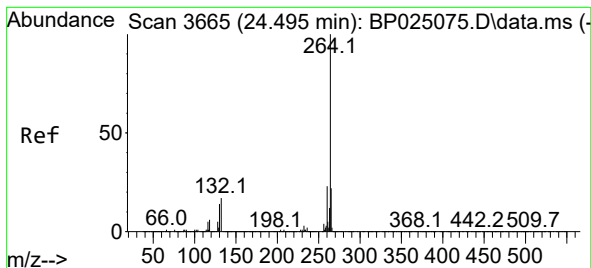
Ion Ratio Lower Upper

149 100

167 31.1 21.9 32.9

279 6.1 3.5 5.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.495 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP025148.D

Acq: 15 Jul 2025 16:39

Instrument :

BNA_P

ClientSampleId :

CHRT-26899

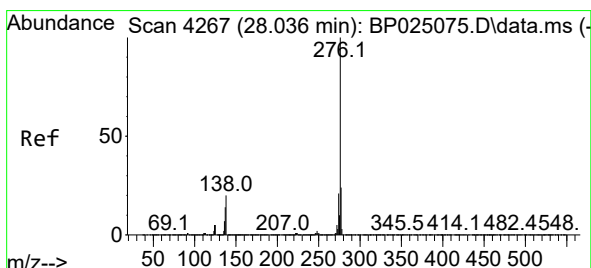
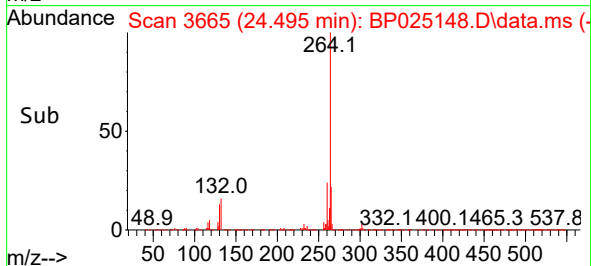
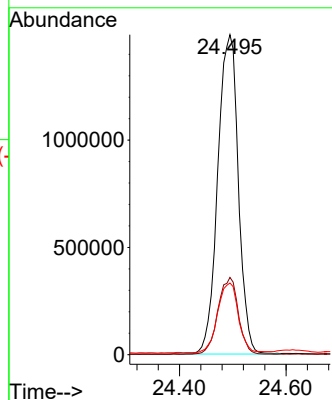
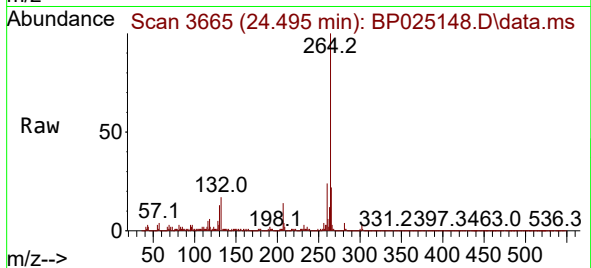
Tgt Ion:264 Resp: 3990432

Ion Ratio Lower Upper

264 100

260 24.1 18.6 28.0

265 22.4 17.7 26.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.101 ng

RT: 28.012 min Scan# 4263

Delta R.T. -0.024 min

Lab File: BP025148.D

Acq: 15 Jul 2025 16:39

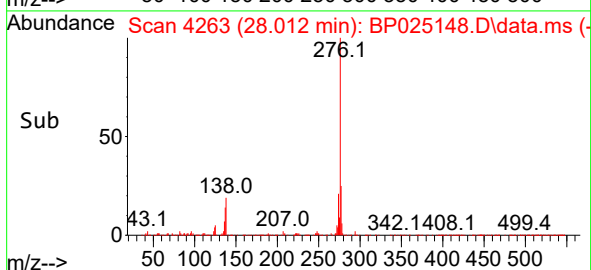
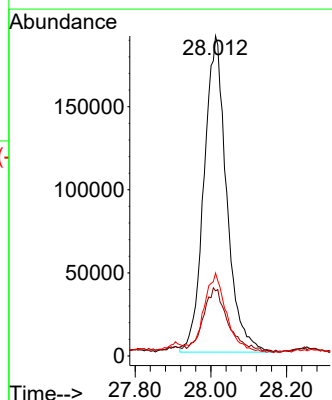
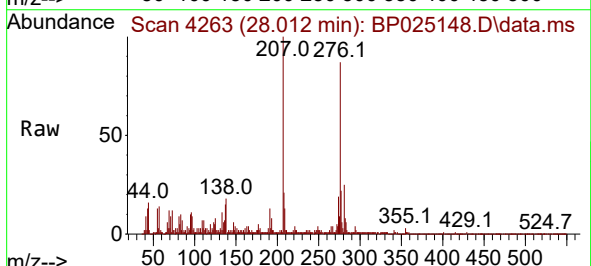
Tgt Ion:276 Resp: 788422

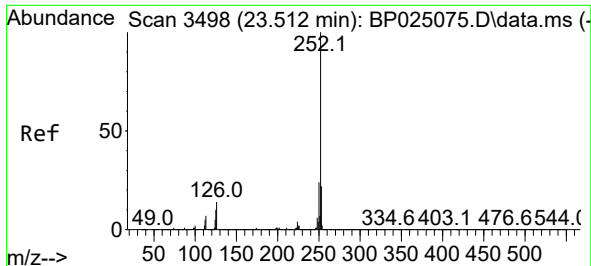
Ion Ratio Lower Upper

276 100

138 22.6 13.0 19.6#

277 24.8 15.9 23.9#

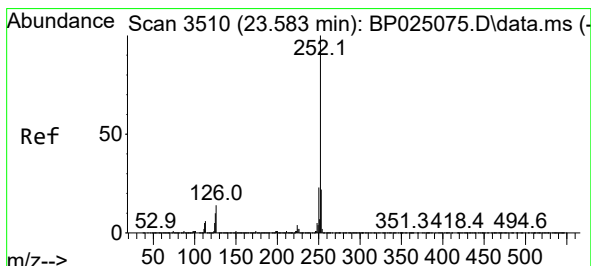
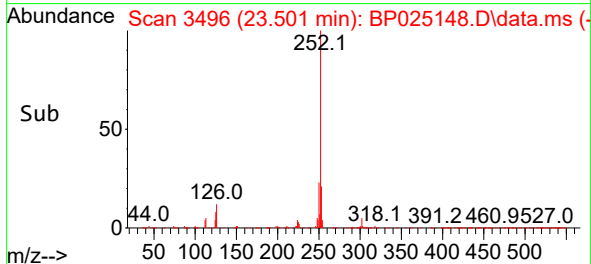
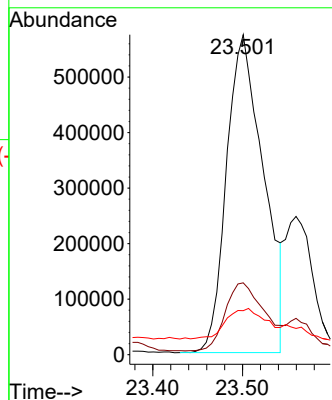
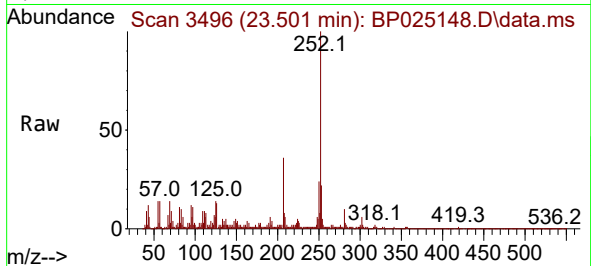




#88
Benzo(b)fluoranthene
Concen: 7.053 ng
RT: 23.501 min Scan# 3496
Delta R.T. -0.012 min
Lab File: BP025148.D
Acq: 15 Jul 2025 16:39

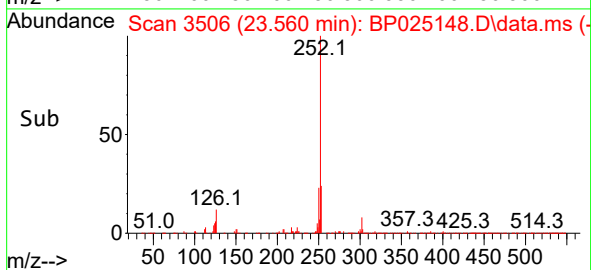
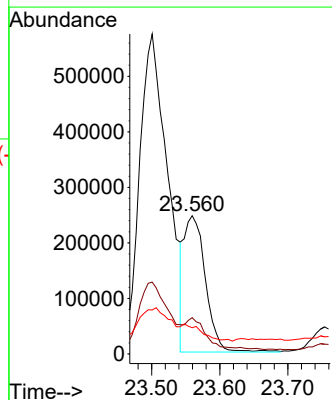
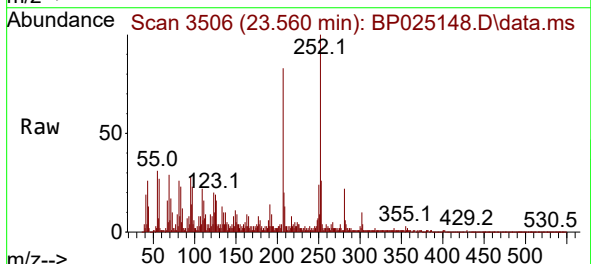
Instrument :
BNA_P
ClientSampleId :
CHRT-26899

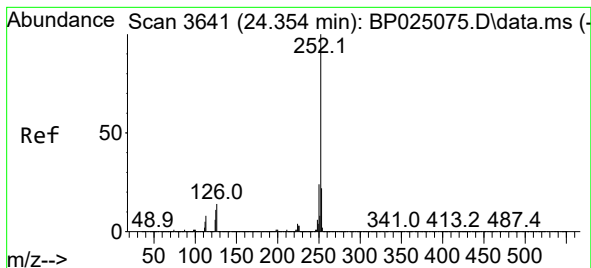
Tgt Ion:252 Resp: 1638076
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 13.7 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 2.314 ng m
RT: 23.560 min Scan# 3506
Delta R.T. -0.024 min
Lab File: BP025148.D
Acq: 15 Jul 2025 16:39

Tgt Ion:252 Resp: 534841
Ion Ratio Lower Upper
252 100
253 26.2 17.7 26.5
125 19.0 8.2 12.2#





#90

Benzo(a)pyrene

Concen: 3.138 ng

RT: 24.336 min Scan# 3

Delta R.T. -0.018 min

Lab File: BP025148.D

Acq: 15 Jul 2025 16:39

Instrument :

BNA_P

ClientSampleId :

CHRT-26899

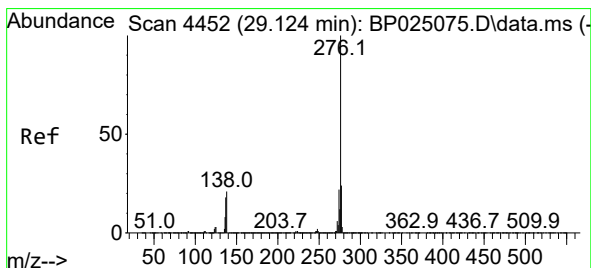
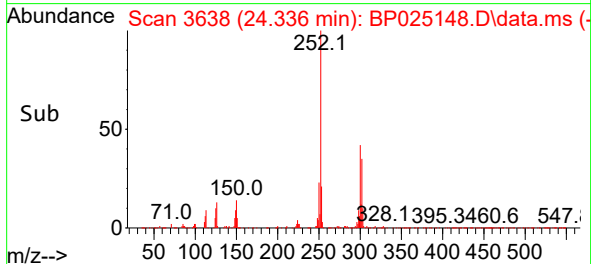
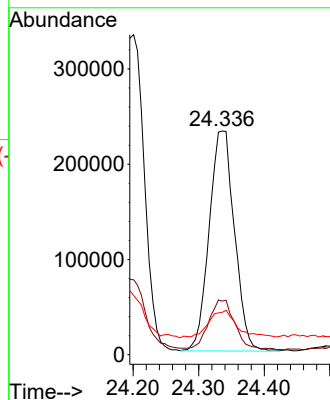
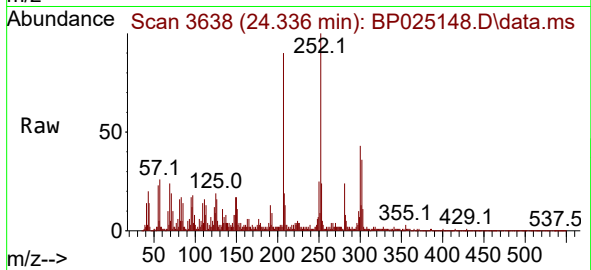
Tgt Ion:252 Resp: 620387

Ion Ratio Lower Upper

252 100

253 24.0 17.6 26.4

125 19.0 9.0 13.4#



#92

Benzo(g,h,i)perylene

Concen: 3.764 ng

RT: 29.095 min Scan# 4447

Delta R.T. -0.029 min

Lab File: BP025148.D

Acq: 15 Jul 2025 16:39

Tgt Ion:276 Resp: 817158

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 27.0 16.9 25.3#

