

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
 Data File : BP024956.D
 Acq On : 16 Jun 2025 11:34
 Operator : RC/JU
 Sample : PB168462BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168462BL

Quant Time: Jun 16 12:05:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

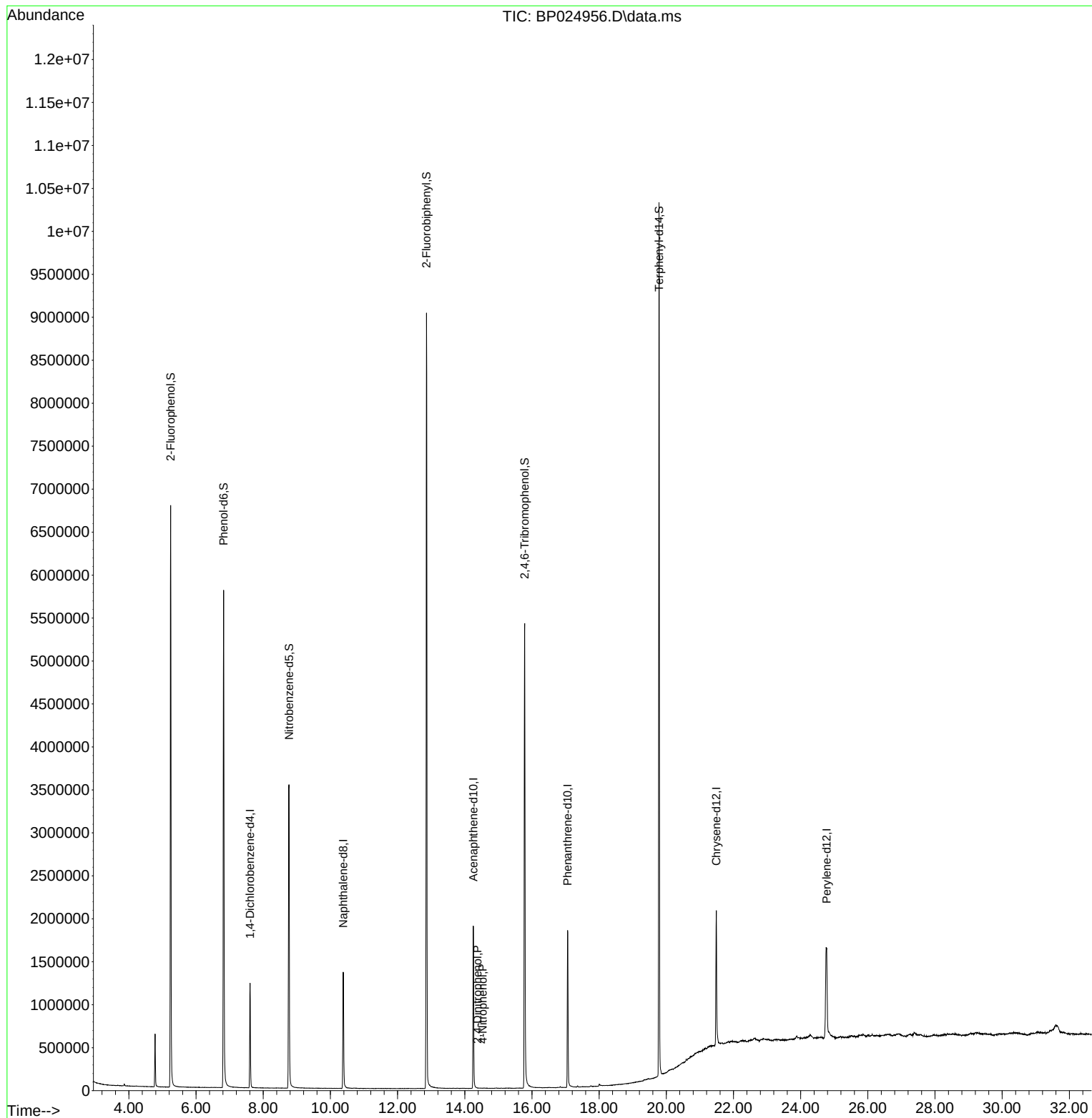
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	337651	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1242150	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	714524	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1221468	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1008886	20.000	ng	0.00
86) Perylene-d12	24.771	264	1323668	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	3059415	151.244	ng	0.00
7) Phenol-d6	6.819	99	3676204	137.356	ng	0.00
23) Nitrobenzene-d5	8.766	82	2297471	89.877	ng	0.00
42) 2,4,6-Tribromophenol	15.783	330	1339849	135.630	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	4832614	91.111	ng	0.00
79) Terphenyl-d14	19.783	244	5289860	93.972	ng	-0.01
Target Compounds						Qvalue
54) 2,4-Dinitrophenol	14.378	184	48	5.569	ng	# 1
56) 4-Nitrophenol	14.531	139	47	5.414	ng	# 1

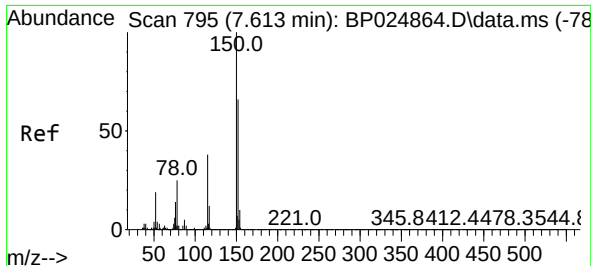
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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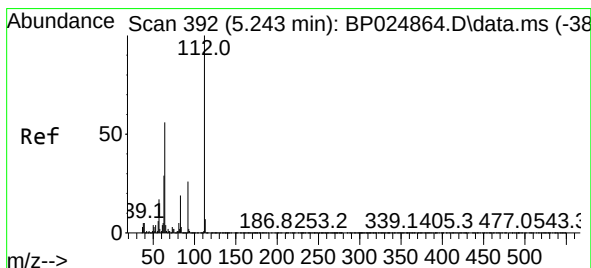
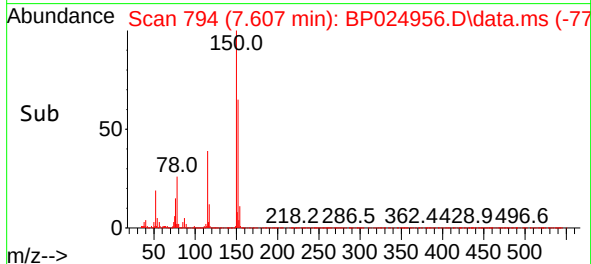
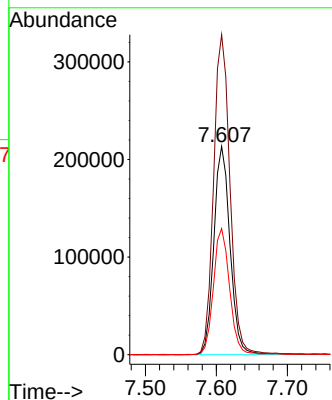
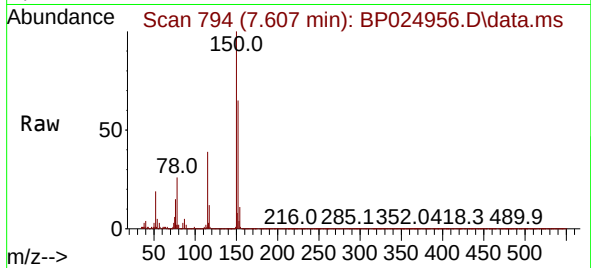




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.607 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP024956.D
Acq: 16 Jun 2025 11:34

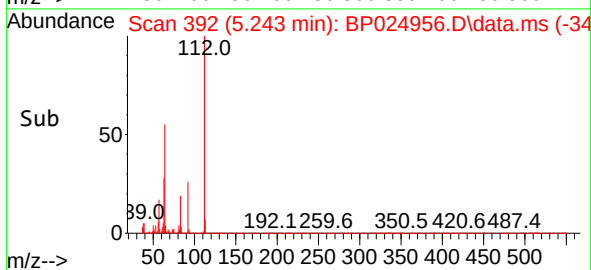
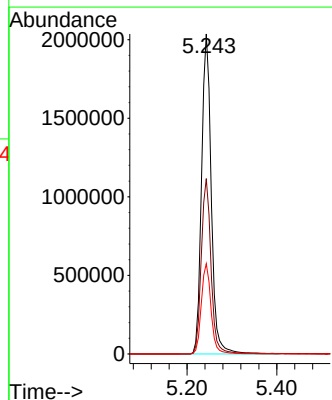
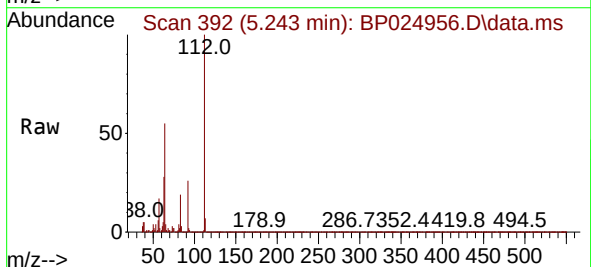
Instrument :
BNA_P
ClientSampleId :
PB168462BL

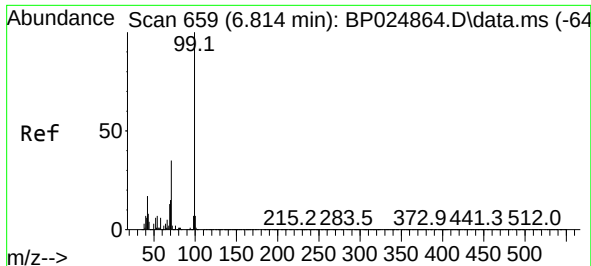
Tgt Ion:152 Resp: 337651
Ion Ratio Lower Upper
152 100
150 153.6 122.1 183.1
115 60.5 46.4 69.6



#5
2-Fluorophenol
Concen: 151.244 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024956.D
Acq: 16 Jun 2025 11:34

Tgt Ion:112 Resp: 3059415
Ion Ratio Lower Upper
112 100
64 54.8 44.7 67.1
63 28.2 23.5 35.3

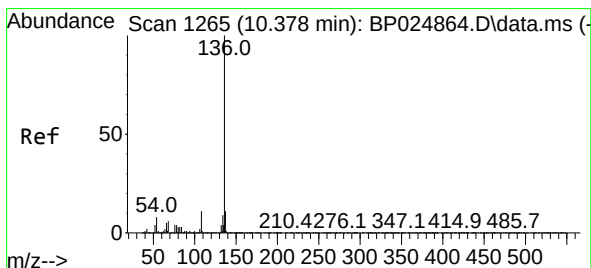
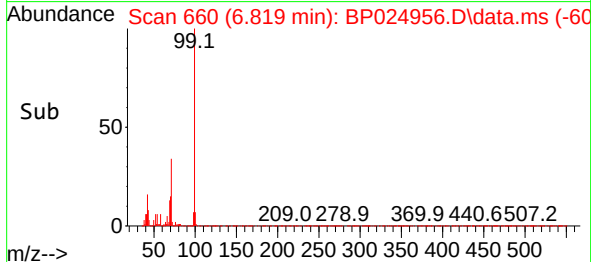
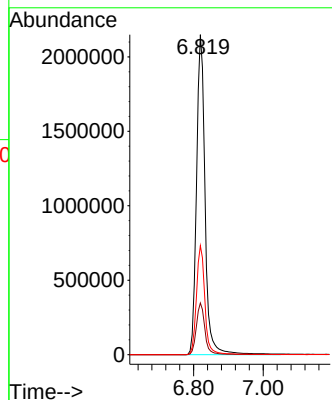
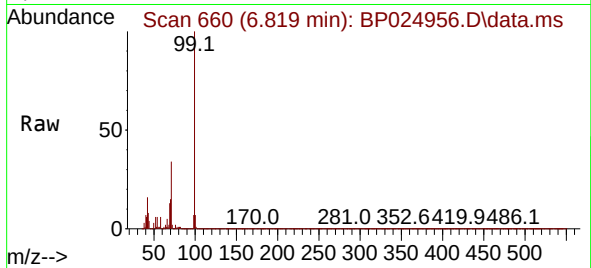




#7
Phenol-d6
Concen: 137.356 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024956.D
Acq: 16 Jun 2025 11:34

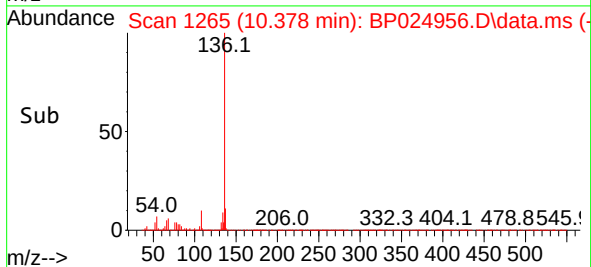
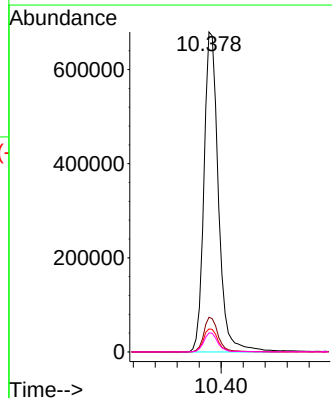
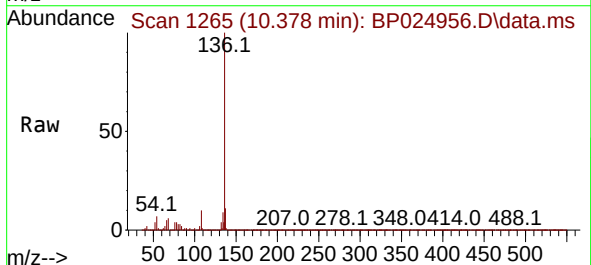
Instrument :
BNA_P
ClientSampleId :
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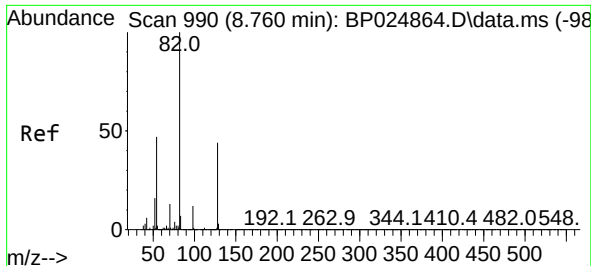
Tgt Ion: 99 Resp: 3676204
Ion Ratio Lower Upper
99 100
42 16.1 13.4 20.2
71 34.0 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024956.D
Acq: 16 Jun 2025 11:34

Tgt Ion:136 Resp: 1242150
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.2 6.1 9.1
68 6.0 4.6 7.0

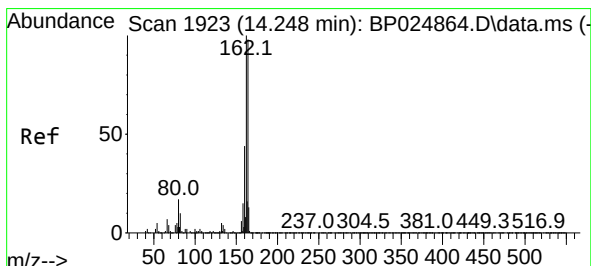
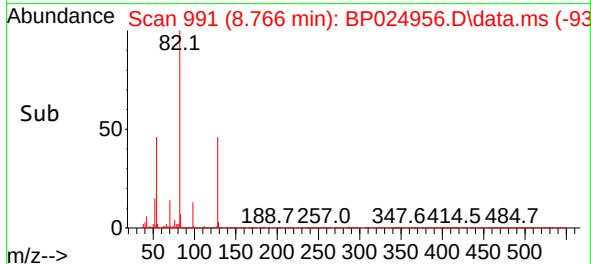
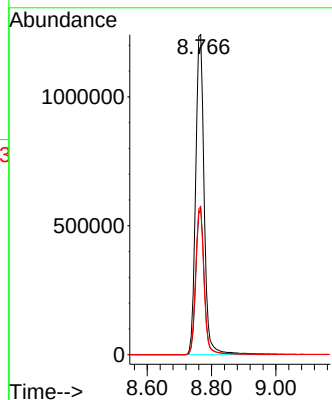
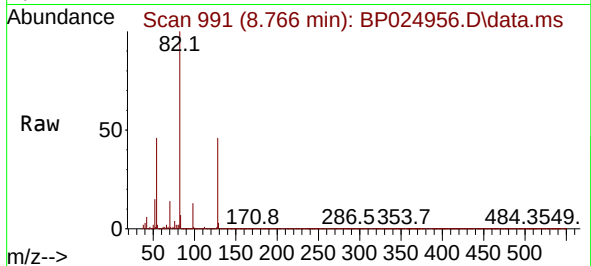




#23
Nitrobenzene-d5
Concen: 89.877 ng
RT: 8.766 min Scan# 991
Delta R.T. 0.006 min
Lab File: BP024956.D
Acq: 16 Jun 2025 11:34

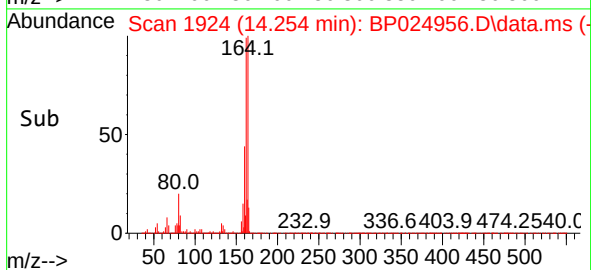
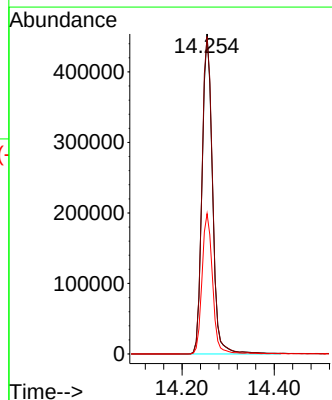
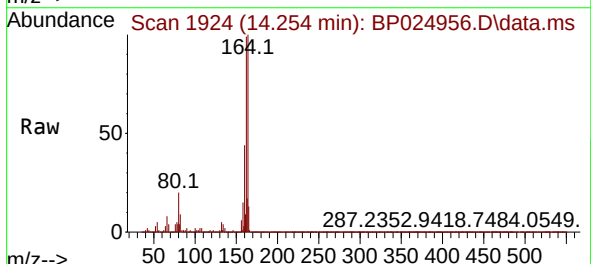
Instrument :
BNA_P
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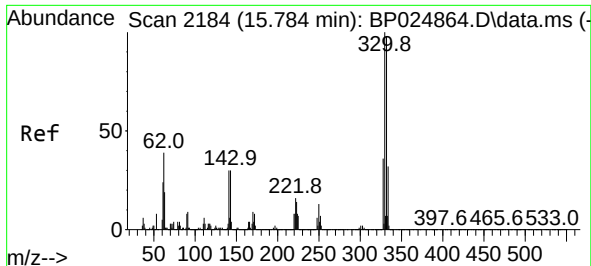
Tgt Ion: 82 Resp: 2297471
Ion Ratio Lower Upper
82 100
128 45.8 35.3 52.9
54 46.3 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024956.D
Acq: 16 Jun 2025 11:34

Tgt Ion:164 Resp: 714524
Ion Ratio Lower Upper
164 100
162 99.2 81.6 122.4
160 43.8 36.2 54.2

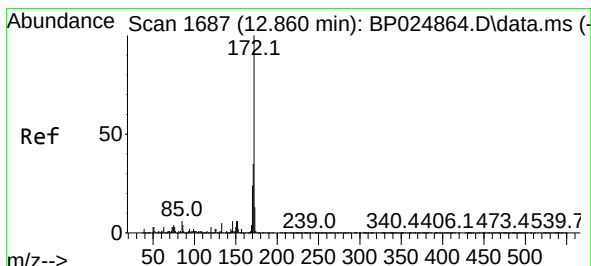
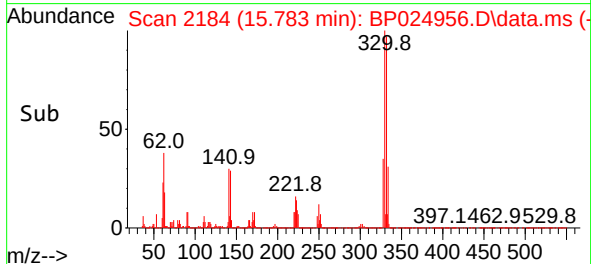
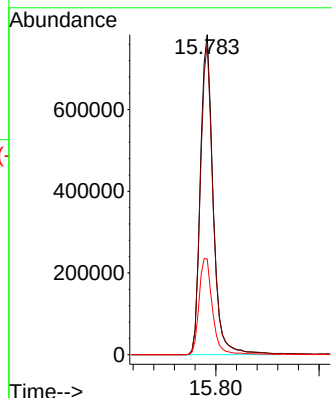
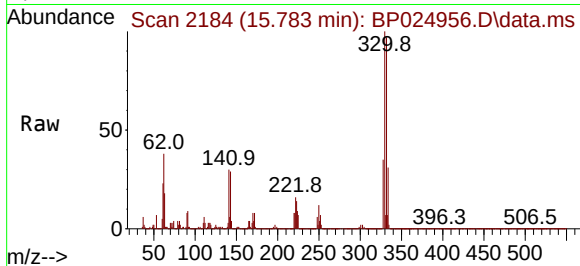




#42
2,4,6-Tribromophenol
Concen: 135.630 ng
RT: 15.783 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BP024956.D
Acq: 16 Jun 2025 11:34

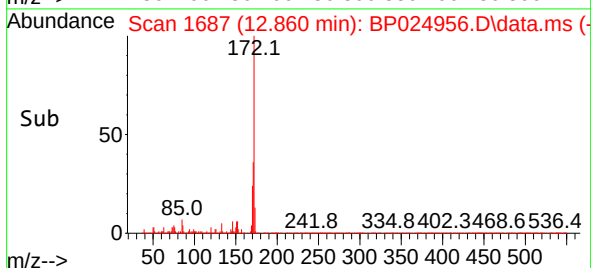
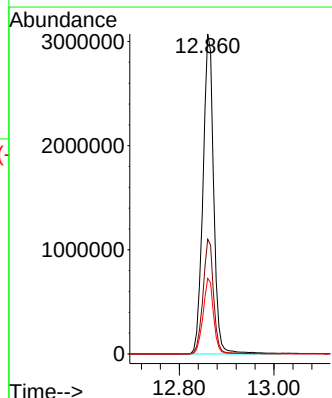
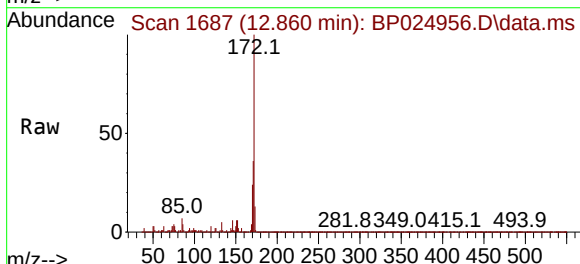
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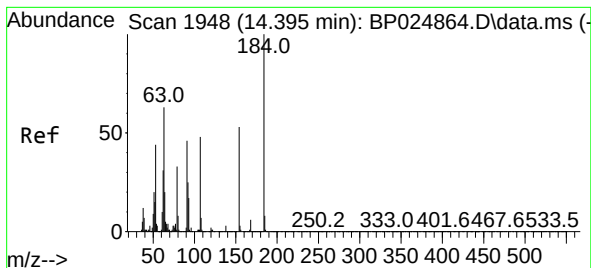
Tgt Ion:330 Resp: 1339849
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 31.7 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 91.111 ng
RT: 12.860 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP024956.D
Acq: 16 Jun 2025 11:34

Tgt Ion:172 Resp: 4832614
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.6 19.0 28.4

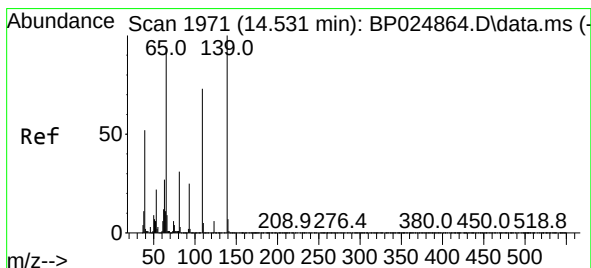
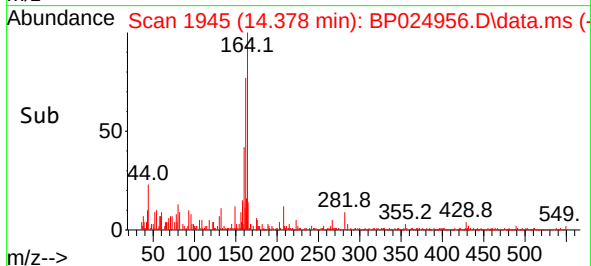
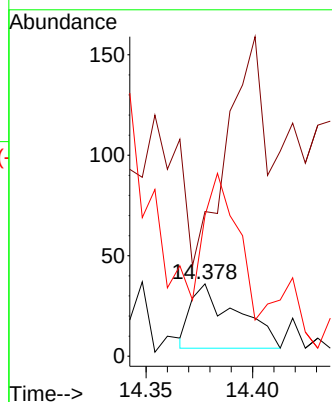
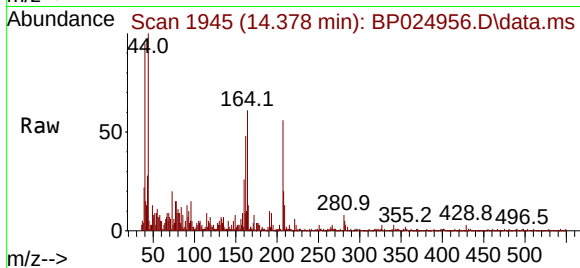




#54
2,4-Dinitrophenol
Concen: 5.569 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.017 min
Lab File: BP024956.D
Acq: 16 Jun 2025 11:34

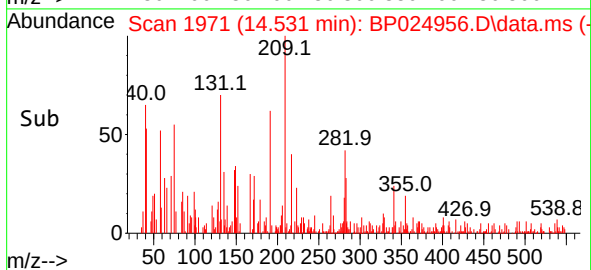
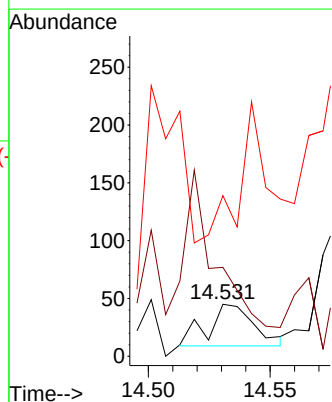
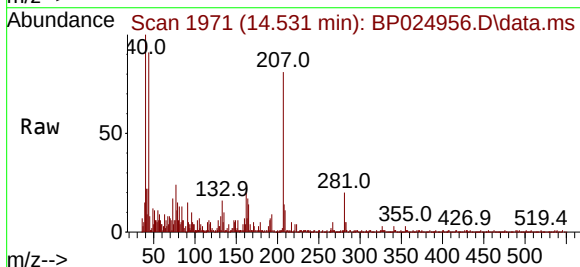
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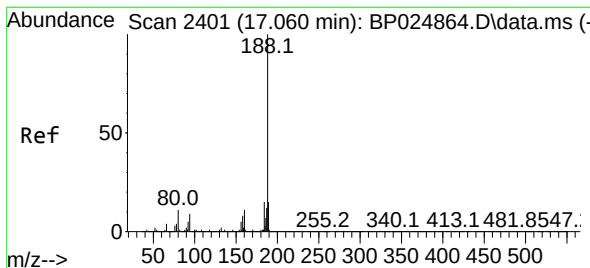
Tgt Ion:184 Resp: 48
Ion Ratio Lower Upper
184 100
63 200.0 51.0 76.4#
154 194.4 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.414 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BP024956.D
Acq: 16 Jun 2025 11:34

Tgt Ion:139 Resp: 47
Ion Ratio Lower Upper
139 100
109 188.9 53.1 93.1#
65 308.9 73.0 113.0#

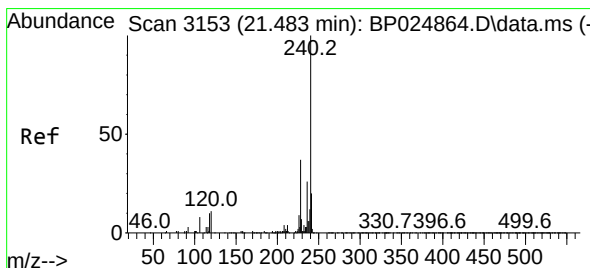
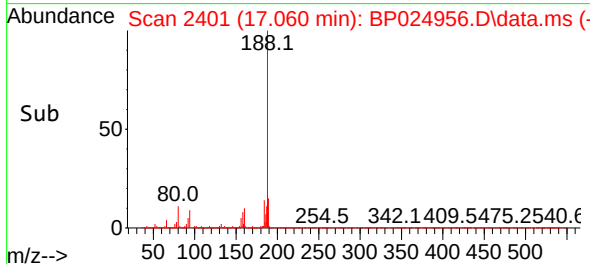
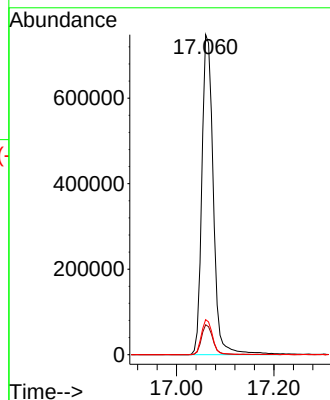
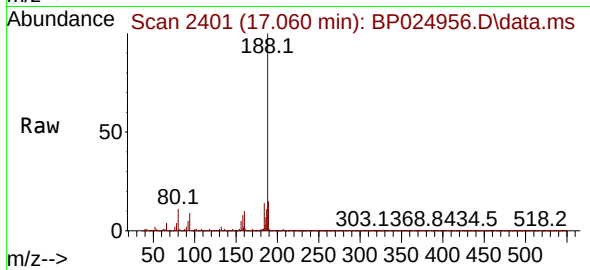




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BP024956.D
Acq: 16 Jun 2025 11:34

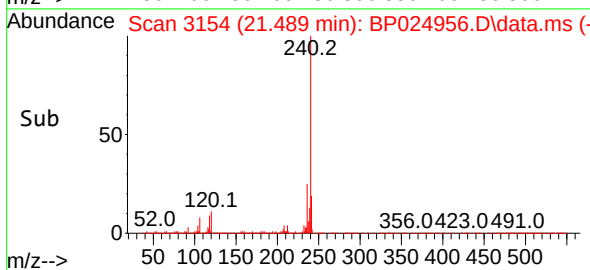
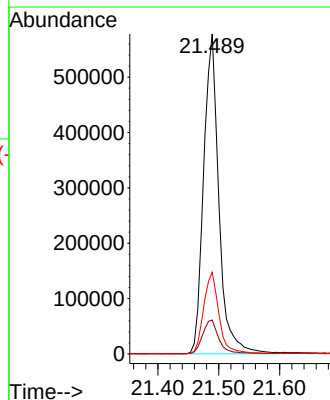
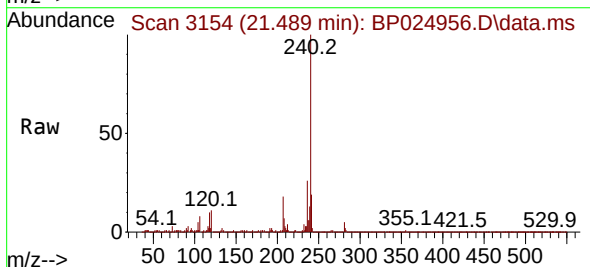
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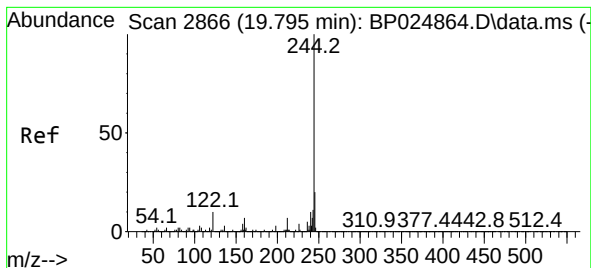
Tgt Ion:188 Resp: 1221468
Ion Ratio Lower Upper
188 100
94 9.4 7.3 10.9
80 11.0 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024956.D
Acq: 16 Jun 2025 11:34

Tgt Ion:240 Resp: 1008886
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 93.972 ng

RT: 19.783 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024956.D

Acq: 16 Jun 2025 11:34

Instrument :

BNA_P

ClientSampleId :

PB168462BL

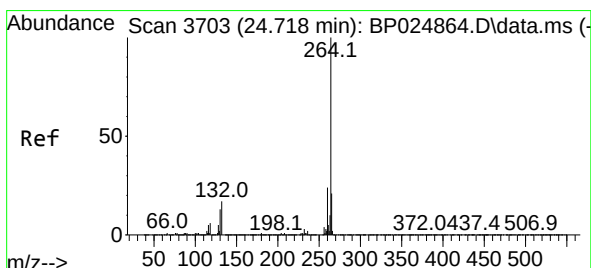
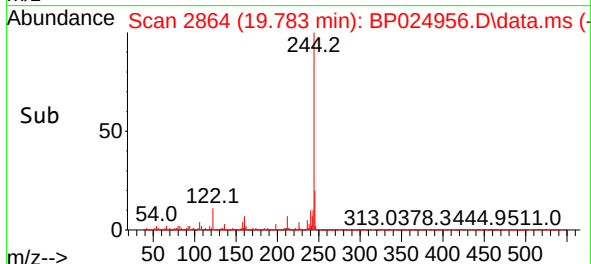
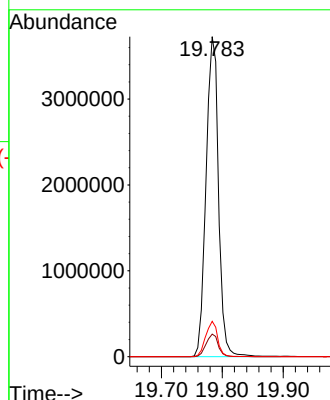
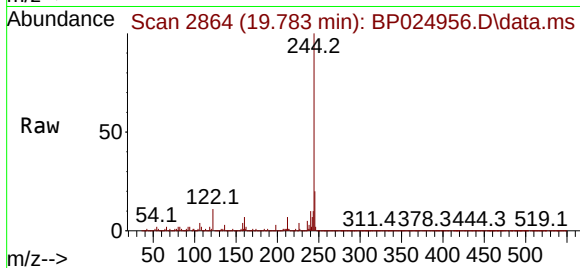
Tgt Ion:244 Resp: 5289860

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.1 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.771 min Scan# 3712

Delta R.T. 0.053 min

Lab File: BP024956.D

Acq: 16 Jun 2025 11:34

Tgt Ion:264 Resp: 1323668

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.6 17.4 26.0

