

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
 Data File : BP024589.D
 Acq On : 09 May 2025 13:44
 Operator : RC/JU
 Sample : Q1972-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-B-10

Quant Time: May 09 14:15:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 09 12:07:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	128514	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	479281	20.000	ng	# 0.00
39) Acenaphthene-d10	14.334	164	277149	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	584165	20.000	ng	0.00
76) Chrysene-d12	21.574	240	783170	20.000	ng	0.00
86) Perylene-d12	24.892	264	949029	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1017886	130.961	ng	0.00
7) Phenol-d6	6.893	99	1201124	112.859	ng	0.00
23) Nitrobenzene-d5	8.846	82	770430	91.660	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	675894	176.266	ng	0.01
45) 2-Fluorobiphenyl	12.940	172	1673848	92.472	ng	0.00
79) Terphenyl-d14	19.851	244	3358641	86.441	ng	0.00

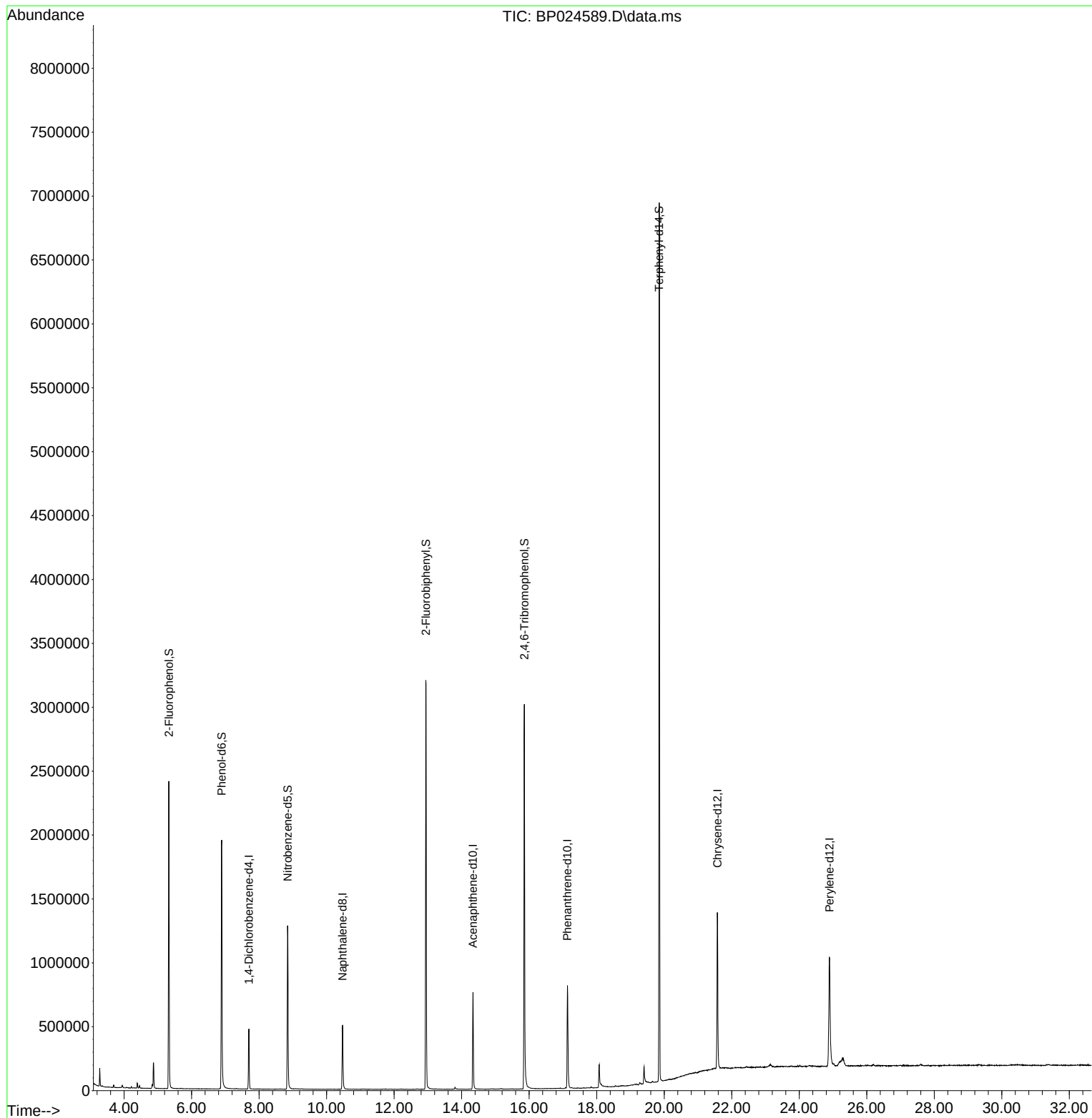
Target Compounds	Qvalue

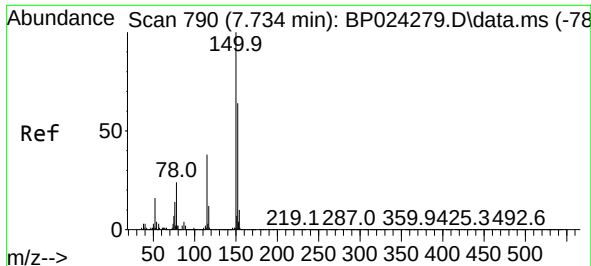
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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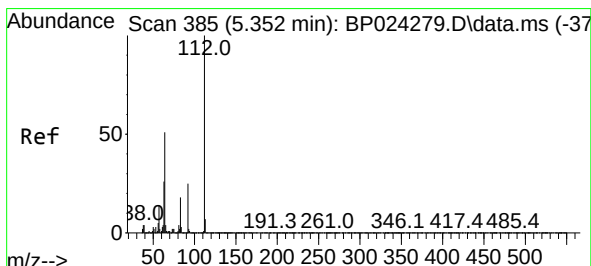
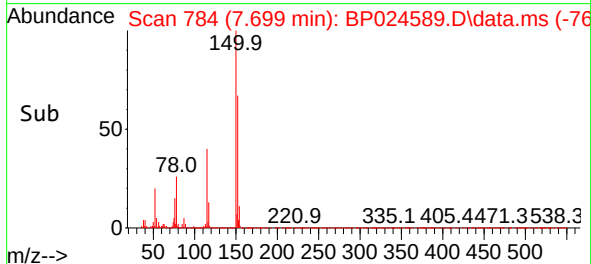
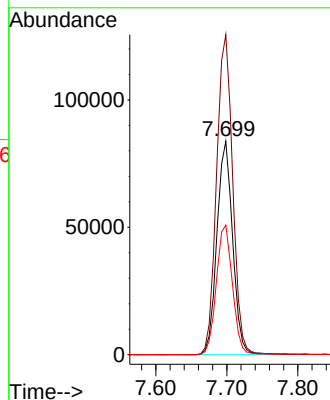
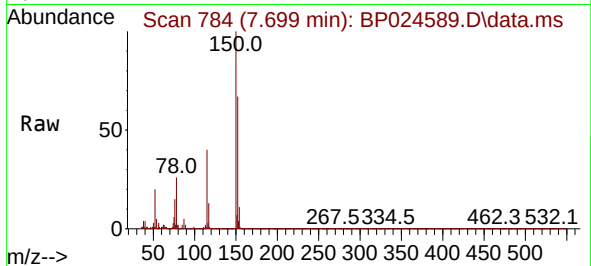




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 71
Delta R.T. 0.001 min
Lab File: BP024589.D
Acq: 09 May 2025 13:44

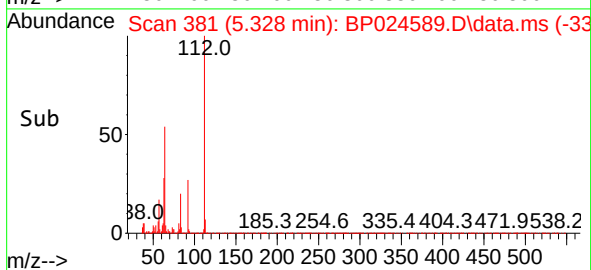
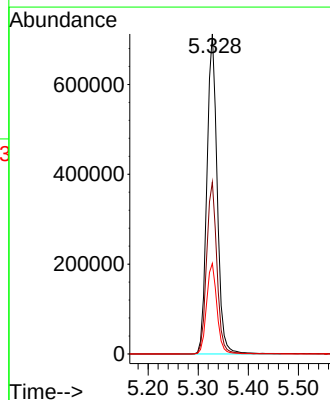
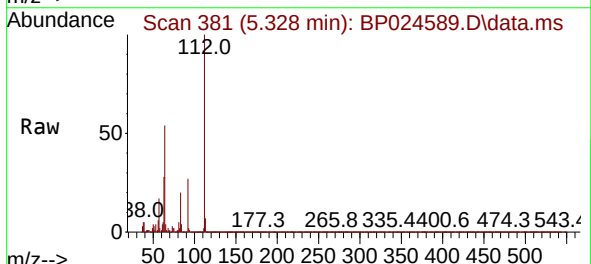
Instrument :
BNA_P
ClientSampleId :
WC-B-10

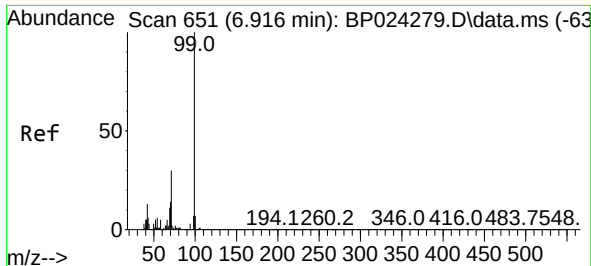
Tgt Ion:152 Resp: 128514
Ion Ratio Lower Upper
152 100
150 149.9 124.9 187.3
115 60.7 47.7 71.5



#5
2-Fluorophenol
Concen: 130.961 ng
RT: 5.328 min Scan# 381
Delta R.T. 0.000 min
Lab File: BP024589.D
Acq: 09 May 2025 13:44

Tgt Ion:112 Resp: 1017886
Ion Ratio Lower Upper
112 100
64 53.7 41.1 61.7
63 28.3 20.6 30.8

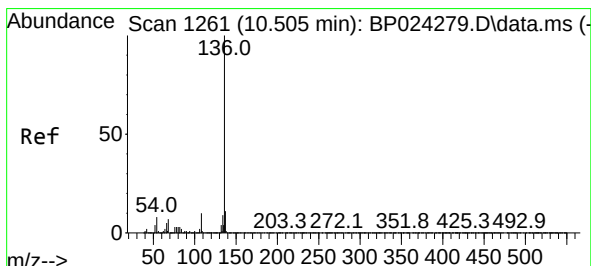
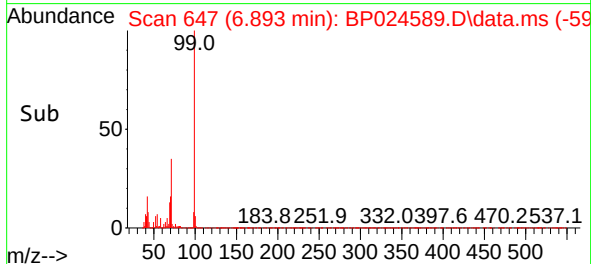
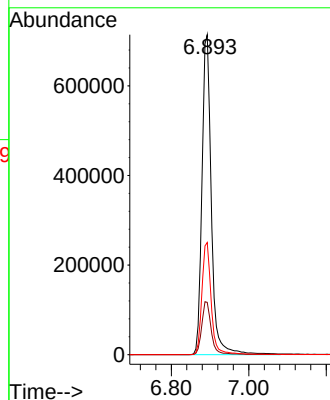
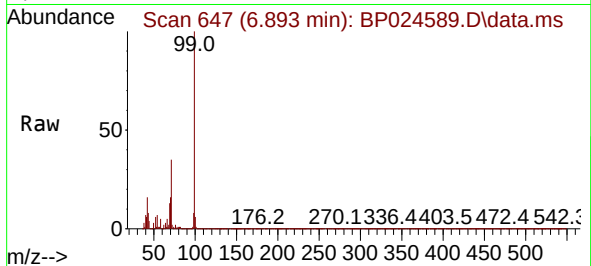




#7
Phenol-d6
Concen: 112.859 ng
RT: 6.893 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024589.D
Acq: 09 May 2025 13:44

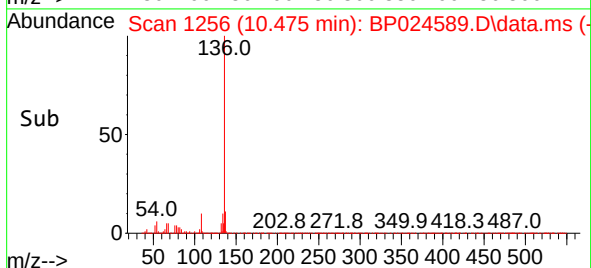
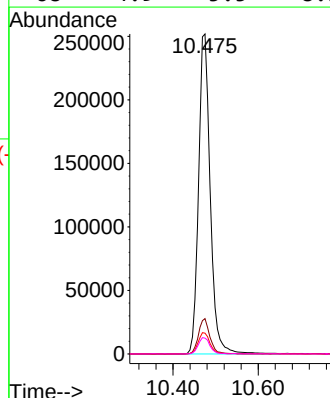
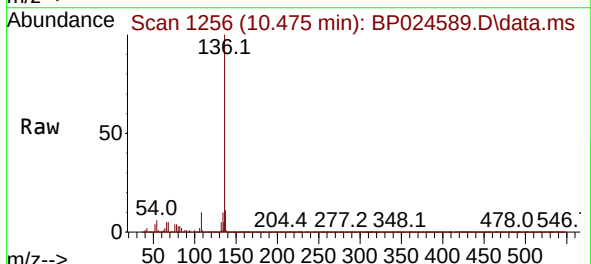
Instrument :
BNA_P
ClientSampleId :
WC-B-10

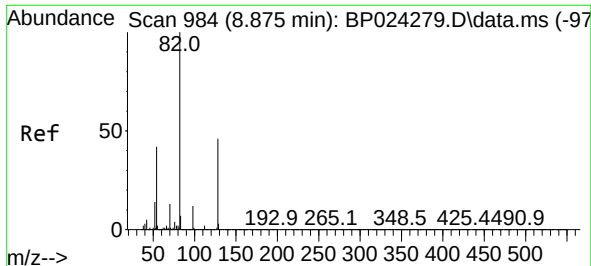
Tgt Ion: 99 Resp: 1201124
Ion Ratio Lower Upper
99 100
42 16.4 10.6 16.0#
71 35.0 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. 0.006 min
Lab File: BP024589.D
Acq: 09 May 2025 13:44

Tgt Ion:136 Resp: 479281
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 6.5 6.0 9.0
68 4.9 5.5 8.3#

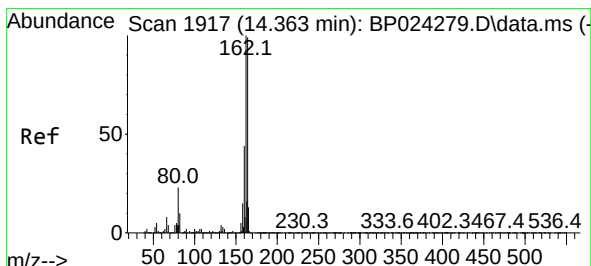
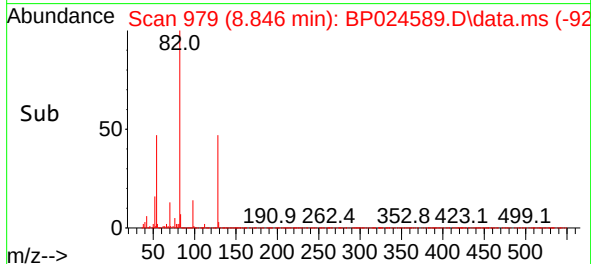
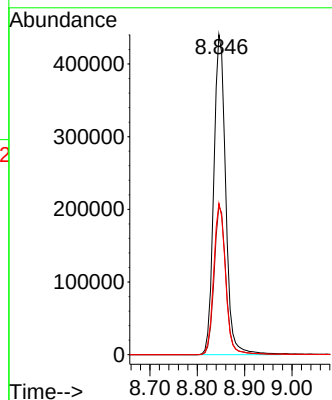
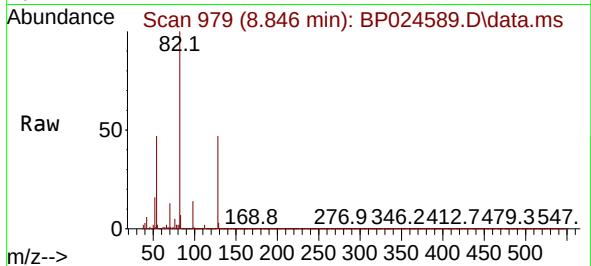




#23
Nitrobenzene-d5
Concen: 91.660 ng
RT: 8.846 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024589.D
Acq: 09 May 2025 13:44

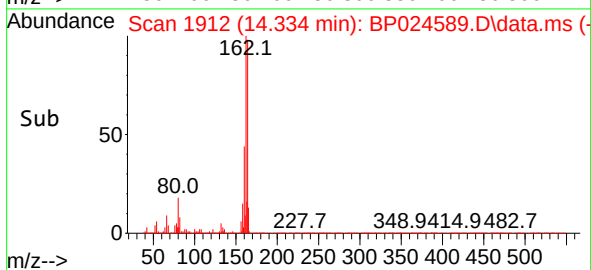
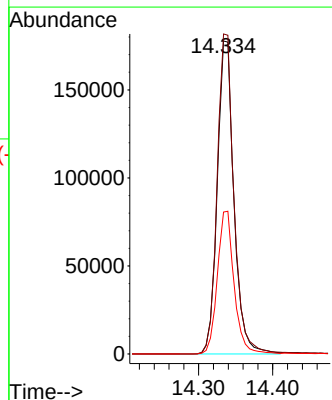
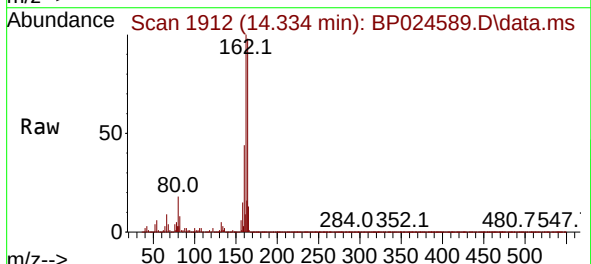
Instrument :
BNA_P
ClientSampleId :
WC-B-10

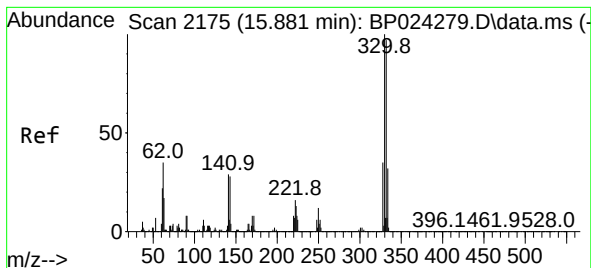
Tgt Ion: 82 Resp: 770430
Ion Ratio Lower Upper
82 100
128 46.5 36.5 54.7
54 47.3 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BP024589.D
Acq: 09 May 2025 13:44

Tgt Ion:164 Resp: 277149
Ion Ratio Lower Upper
164 100
162 102.2 80.6 120.8
160 45.3 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 176.266 ng

RT: 15.857 min Scan# 2175

Delta R.T. 0.012 min

Lab File: BP024589.D

Acq: 09 May 2025 13:44

Instrument :

BNA_P

ClientSampleId :

WC-B-10

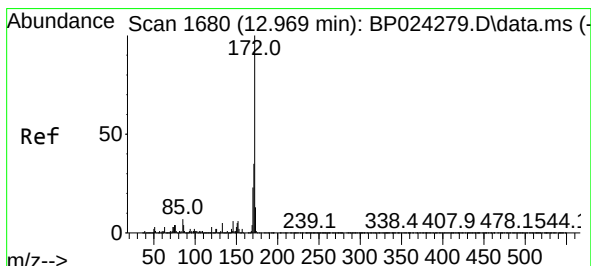
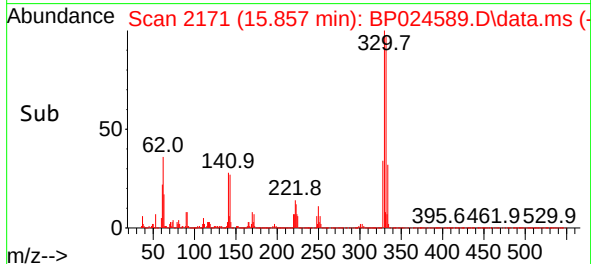
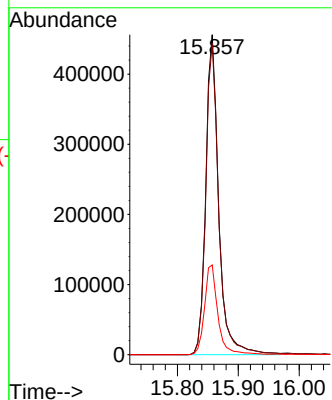
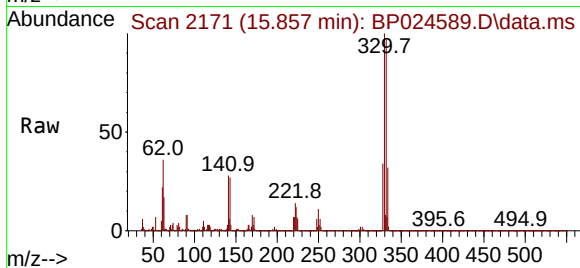
Tgt Ion:330 Resp: 675894

Ion Ratio Lower Upper

330 100

332 97.4 77.1 115.7

141 28.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 92.472 ng

RT: 12.940 min Scan# 1675

Delta R.T. 0.000 min

Lab File: BP024589.D

Acq: 09 May 2025 13:44

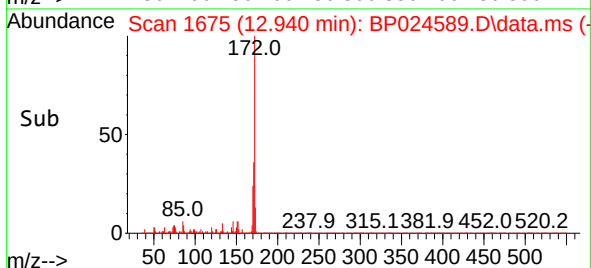
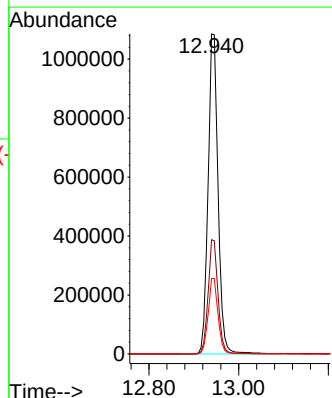
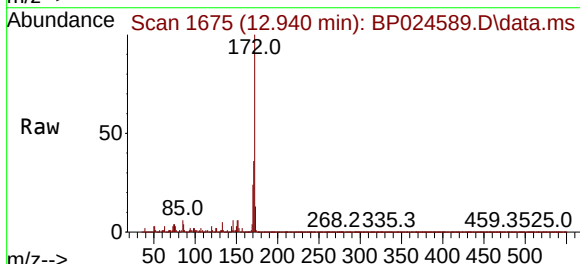
Tgt Ion:172 Resp: 1673848

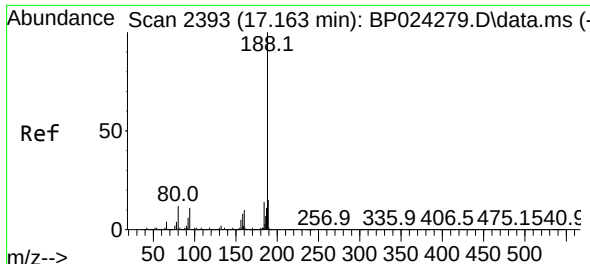
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.6 18.6 27.8

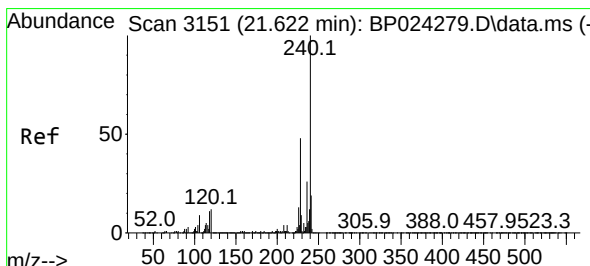
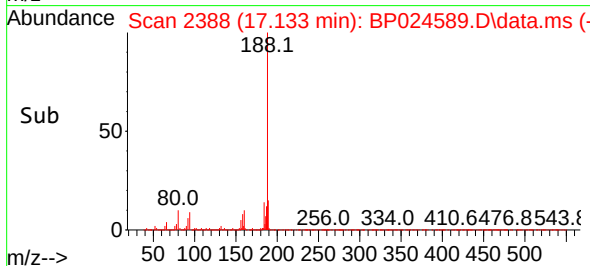
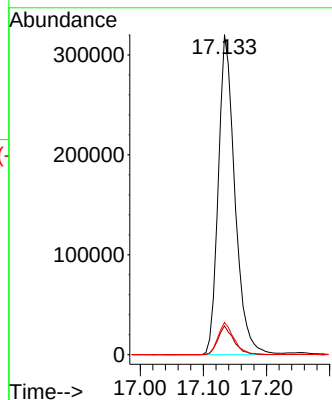
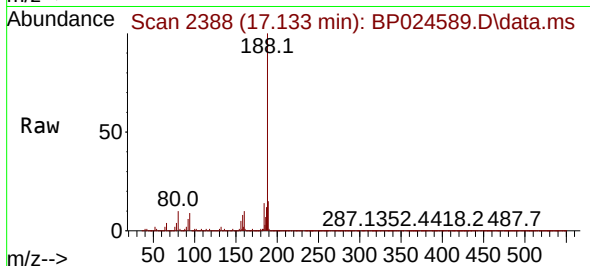




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024589.D
Acq: 09 May 2025 13:44

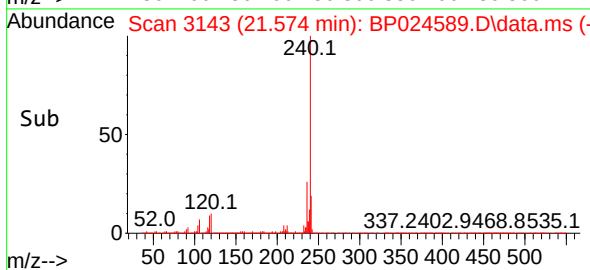
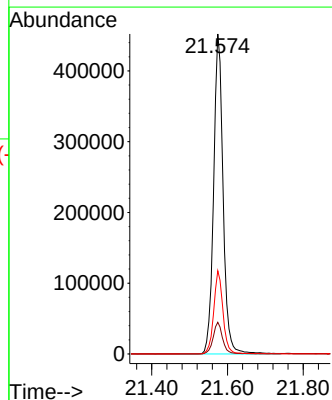
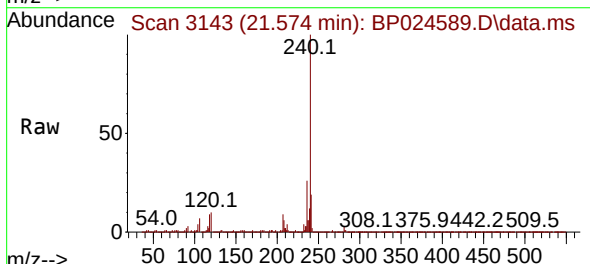
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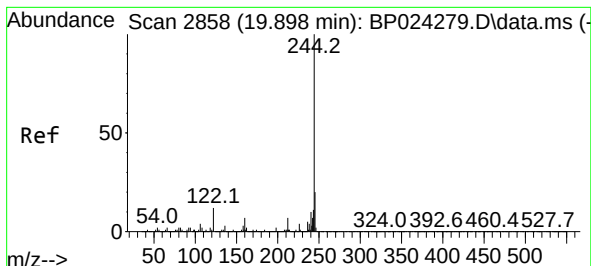
Tgt Ion:188 Resp: 584165
Ion Ratio Lower Upper
188 100
94 9.0 8.6 13.0
80 10.0 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3143
Delta R.T. 0.006 min
Lab File: BP024589.D
Acq: 09 May 2025 13:44

Tgt Ion:240 Resp: 783170
Ion Ratio Lower Upper
240 100
120 9.9 9.8 14.8
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 86.441 ng

RT: 19.851 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024589.D

Acq: 09 May 2025 13:44

Instrument :

BNA_P

ClientSampleId :

WC-B-10

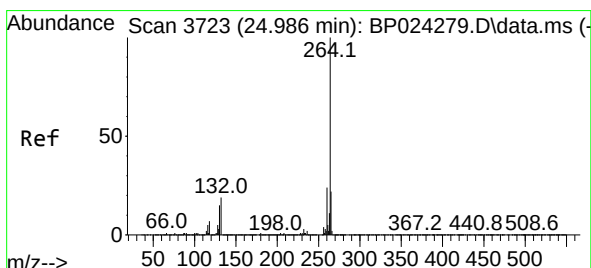
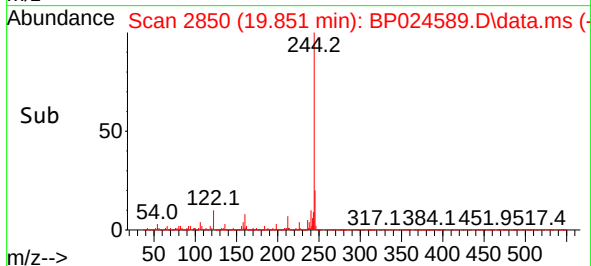
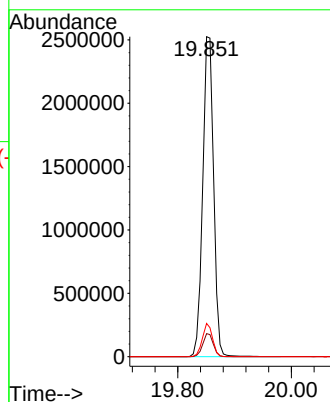
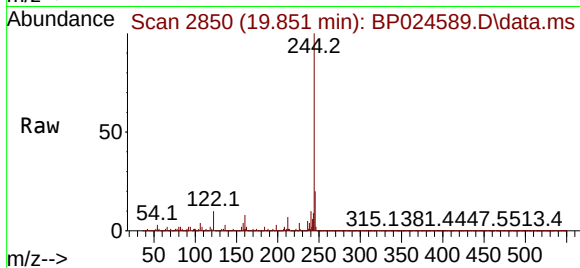
Tgt Ion:244 Resp: 3358641

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 10.4 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.892 min Scan# 3707

Delta R.T. 0.006 min

Lab File: BP024589.D

Acq: 09 May 2025 13:44

Tgt Ion:264 Resp: 949029

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.8 17.8 26.6

