

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
 Data File : BP024586.D
 Acq On : 09 May 2025 11:38
 Operator : RC/JU
 Sample : PB167919BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167919BL

Quant Time: May 09 13:21:15 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	7.698	152	172859	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	644270	20.000	ng	# 0.00
39) Acenaphthene-d10	14.333	164	376417	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	754917	20.000	ng	# 0.01
76) Chrysene-d12	21.568	240	853005	20.000	ng	0.00
86) Perylene-d12	24.903	264	961867	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1317517	126.025	ng	0.00
7) Phenol-d6	6.893	99	1557015	108.768	ng	0.00
23) Nitrobenzene-d5	8.851	82	965497	85.451	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	818327	157.131	ng	0.01
45) 2-Fluorobiphenyl	12.945	172	2207134	89.777	ng	0.00
79) Terphenyl-d14	19.857	244	3872041	91.496	ng	0.00

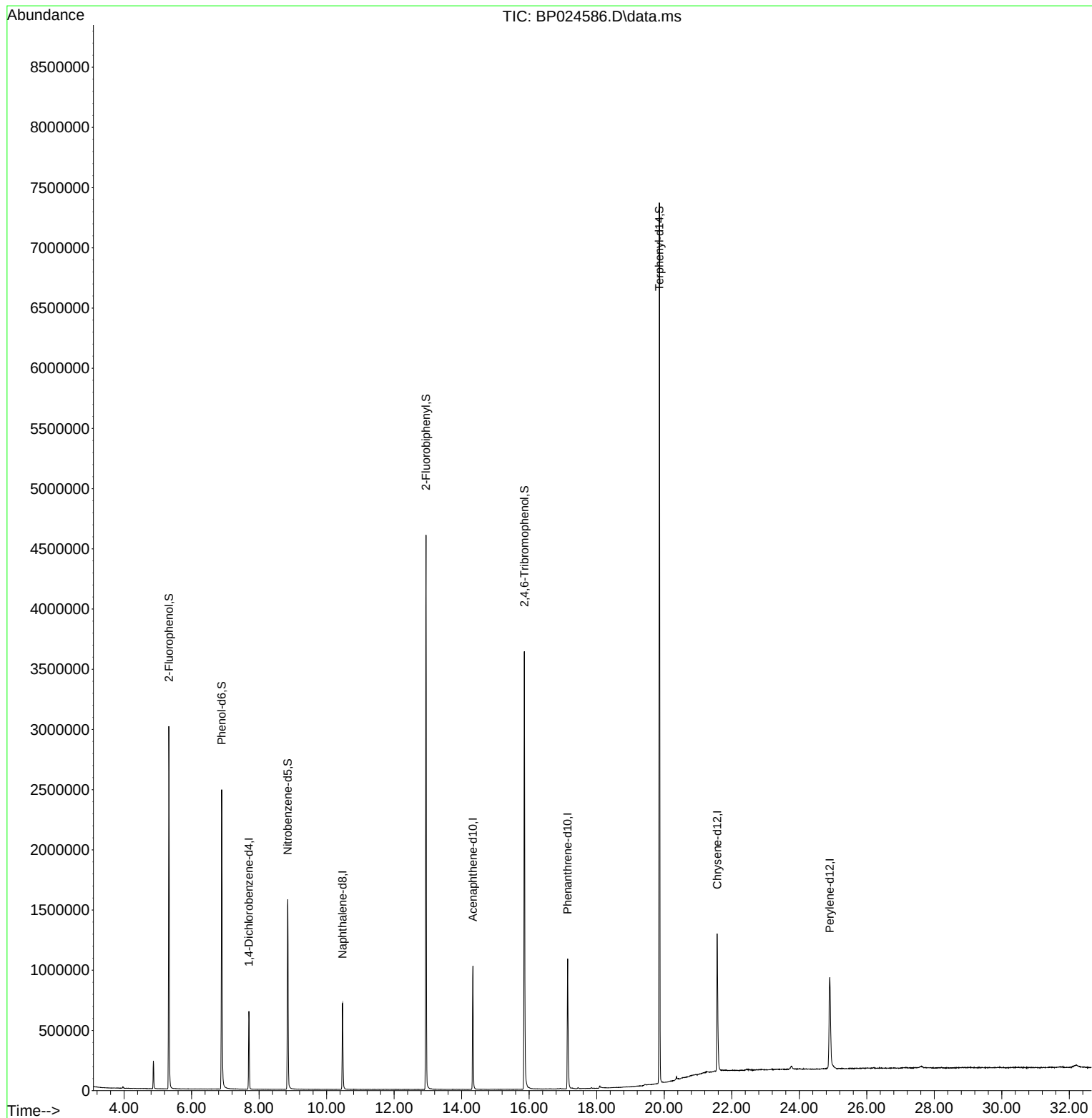
Target Compounds	Qvalue

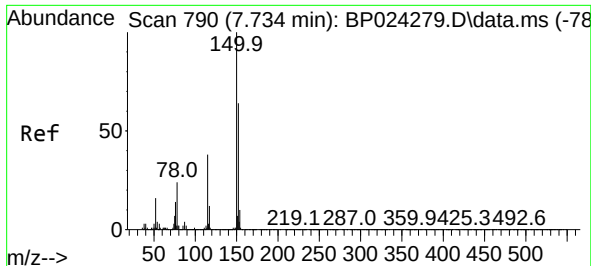
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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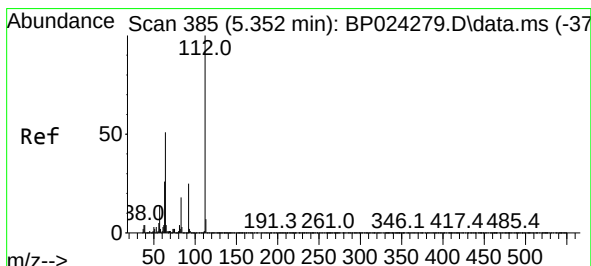
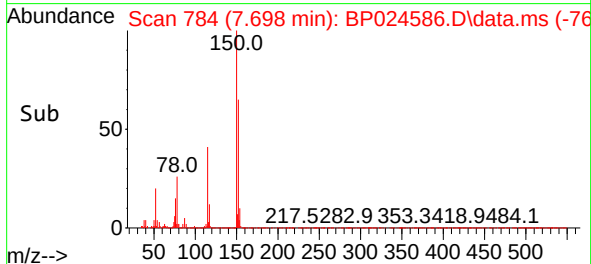
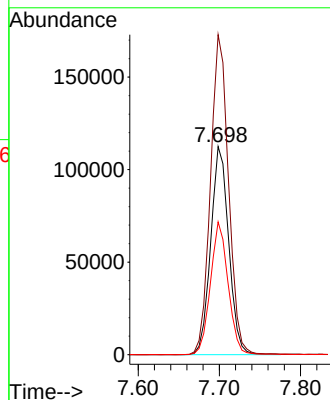
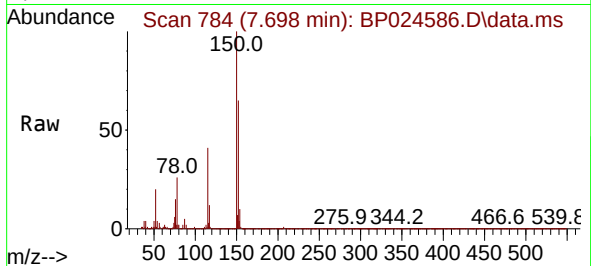




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.698 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BP024586.D
 Acq: 09 May 2025 11:38

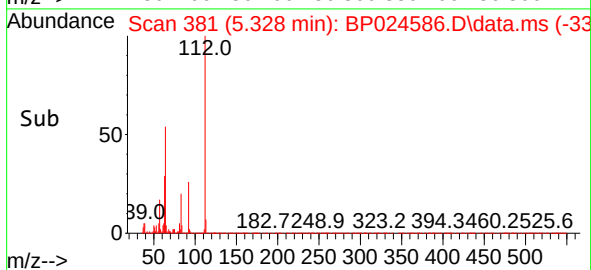
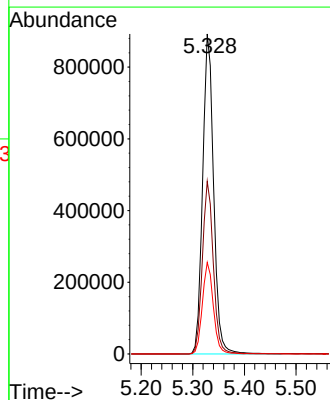
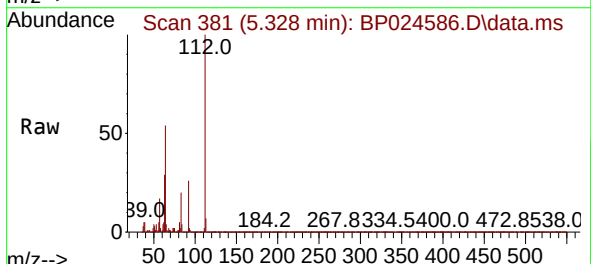
Instrument :
 BNA_P
 ClientSampleId :
 PB167919BL

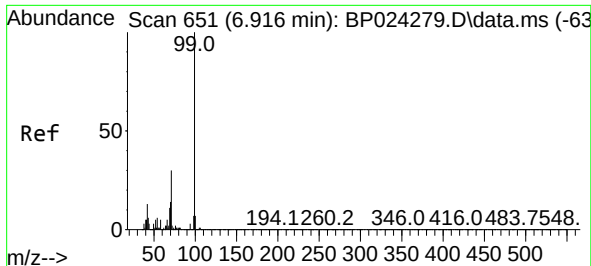
Tgt Ion:152 Resp: 172859
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.9 187.3
 115 63.8 47.7 71.5



#5
 2-Fluorophenol
 Concen: 126.025 ng
 RT: 5.328 min Scan# 381
 Delta R.T. 0.000 min
 Lab File: BP024586.D
 Acq: 09 May 2025 11:38

Tgt Ion:112 Resp: 1317517
 Ion Ratio Lower Upper
 112 100
 64 54.0 41.1 61.7
 63 28.6 20.6 30.8

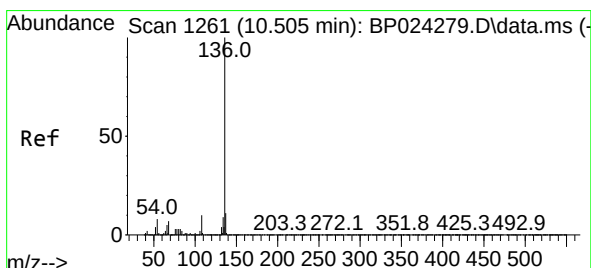
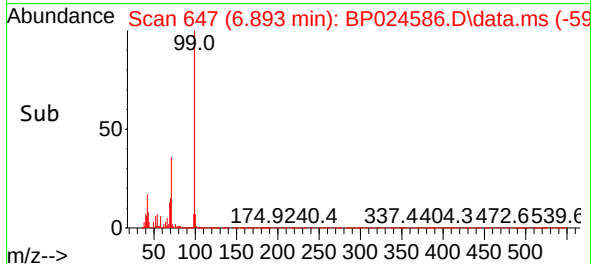
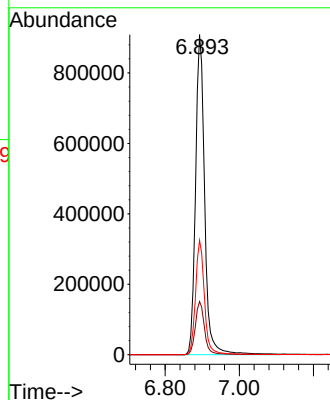
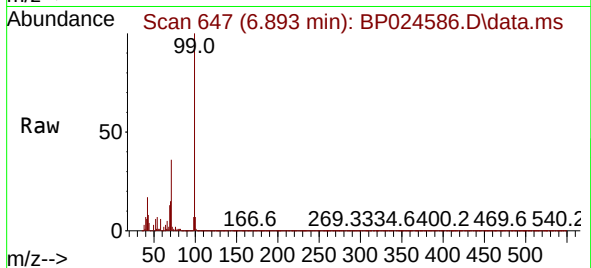




#7
Phenol-d6
Concen: 108.768 ng
RT: 6.893 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024586.D
Acq: 09 May 2025 11:38

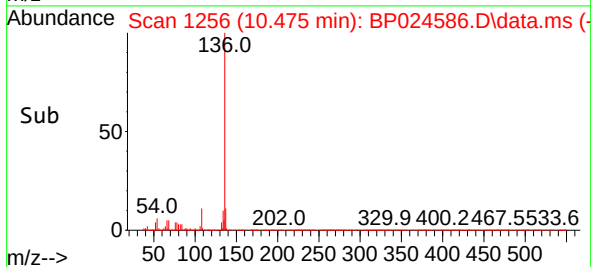
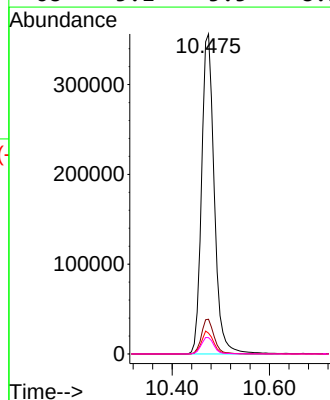
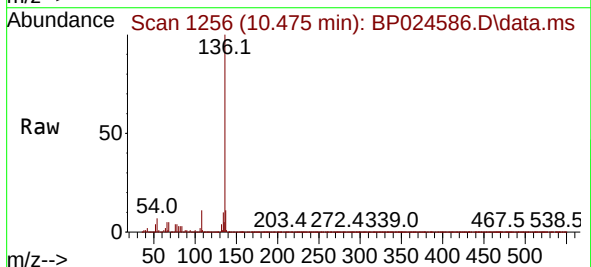
Instrument :
BNA_P
ClientSampleId :
PB167919BL

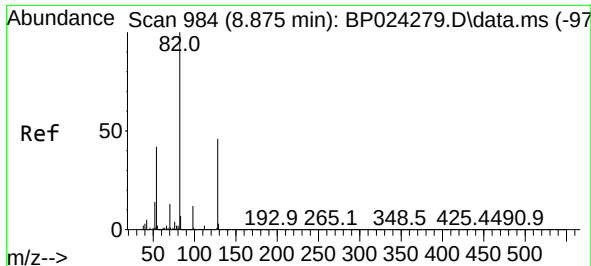
Tgt Ion: 99 Resp: 1557015
Ion Ratio Lower Upper
99 100
42 16.6 10.6 16.0#
71 35.7 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. 0.006 min
Lab File: BP024586.D
Acq: 09 May 2025 11:38

Tgt Ion:136 Resp: 644270
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.5 6.0 9.0
68 5.1 5.5 8.3#

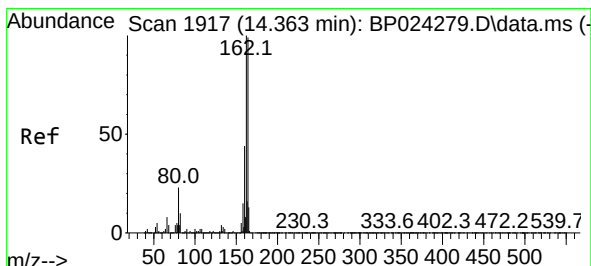
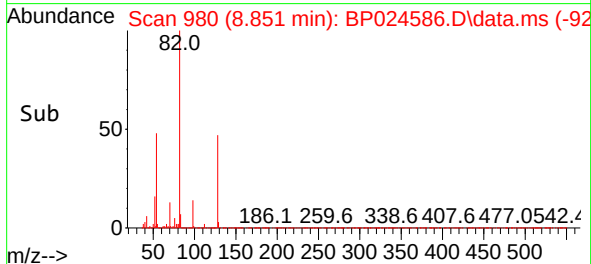
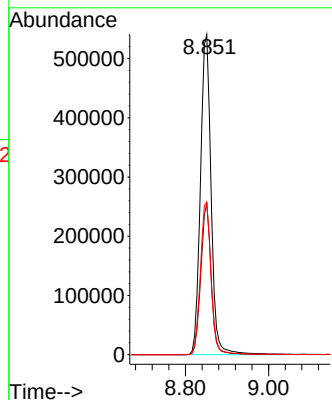
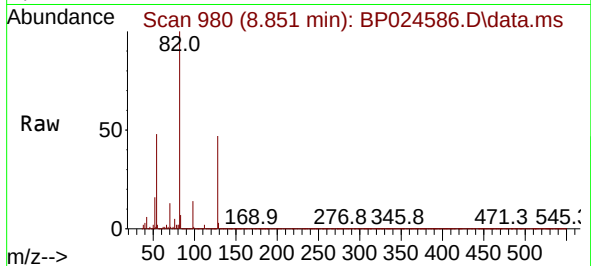




#23
Nitrobenzene-d5
Concen: 85.451 ng
RT: 8.851 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024586.D
Acq: 09 May 2025 11:38

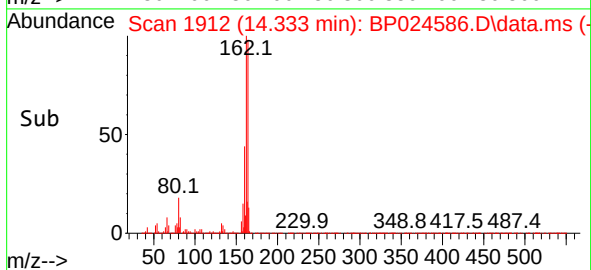
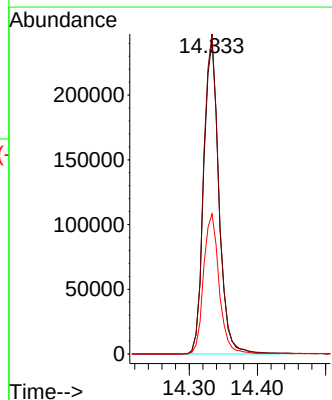
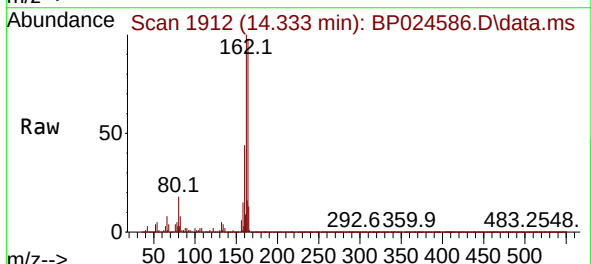
Instrument :
BNA_P
ClientSampleId :
PB167919BL

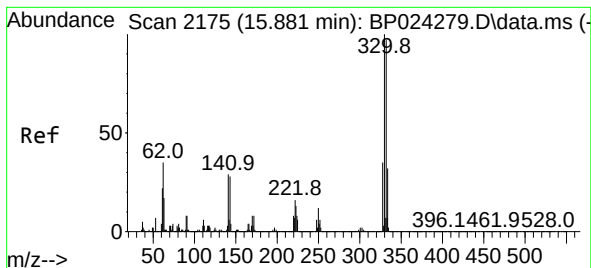
Tgt Ion: 82 Resp: 965497
Ion Ratio Lower Upper
82 100
128 47.3 36.5 54.7
54 47.6 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BP024586.D
Acq: 09 May 2025 11:38

Tgt Ion:164 Resp: 376417
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 44.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 157.131 ng

RT: 15.857 min Scan# 2175

Delta R.T. 0.012 min

Lab File: BP024586.D

Acq: 09 May 2025 11:38

Instrument :

BNA_P

ClientSampleId :

PB167919BL

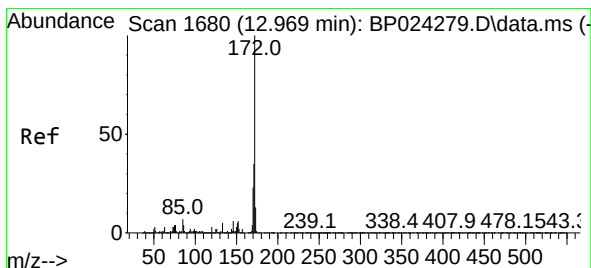
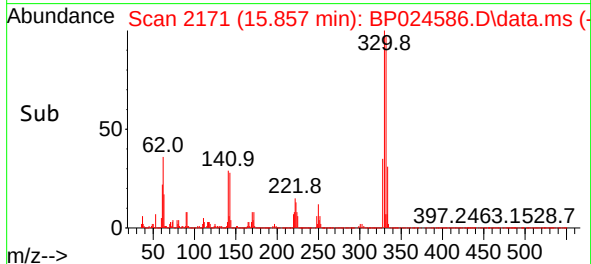
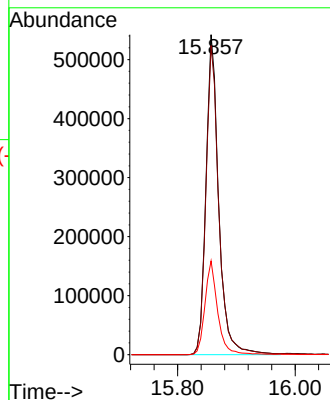
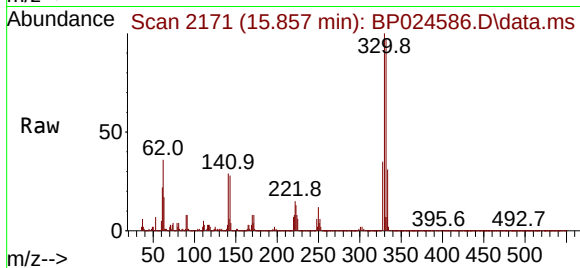
Tgt Ion:330 Resp: 818327

Ion Ratio Lower Upper

330 100

332 97.5 77.1 115.7

141 29.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 89.777 ng

RT: 12.945 min Scan# 1676

Delta R.T. 0.006 min

Lab File: BP024586.D

Acq: 09 May 2025 11:38

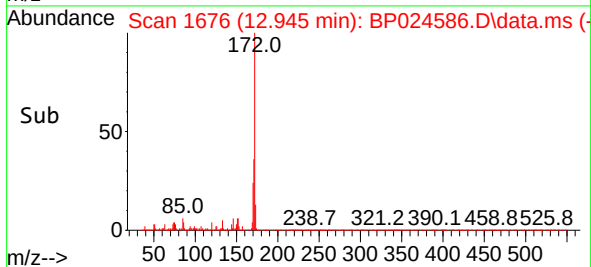
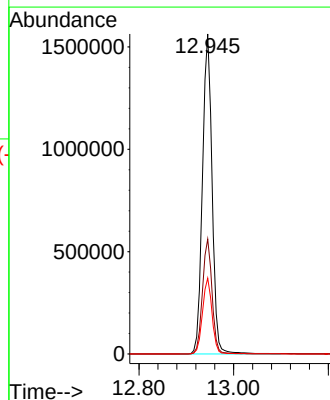
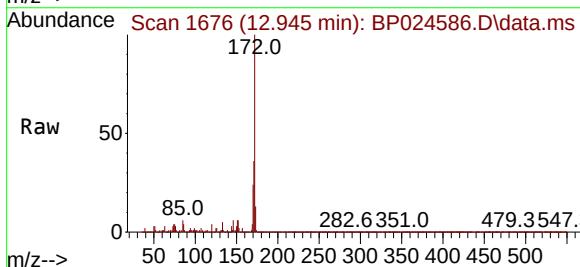
Tgt Ion:172 Resp: 2207134

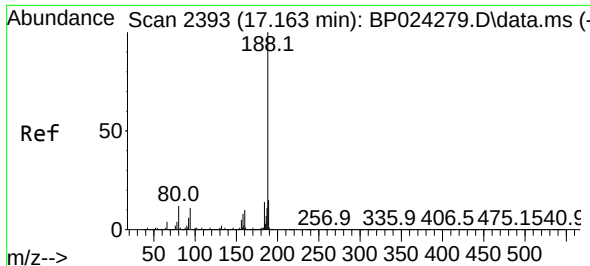
Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.2

170 23.7 18.6 27.8

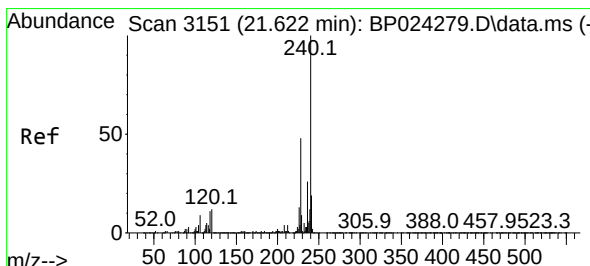
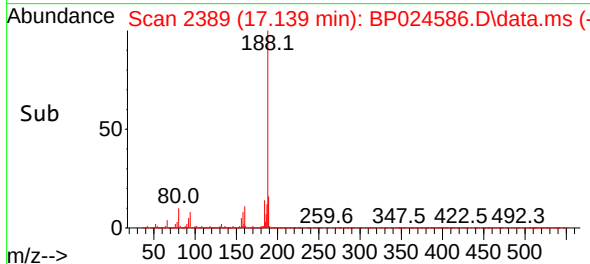
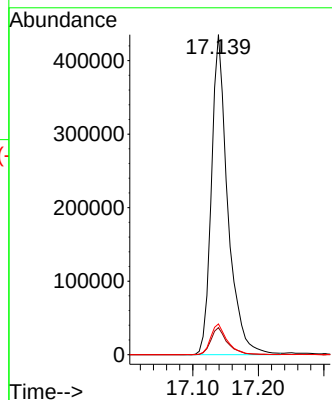
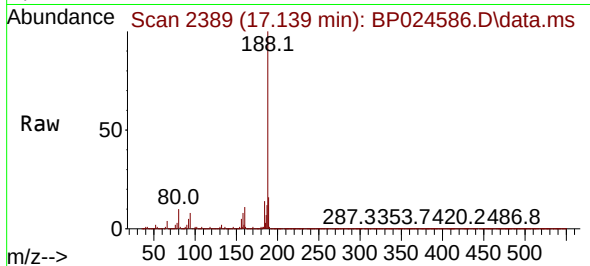




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024586.D
Acq: 09 May 2025 11:38

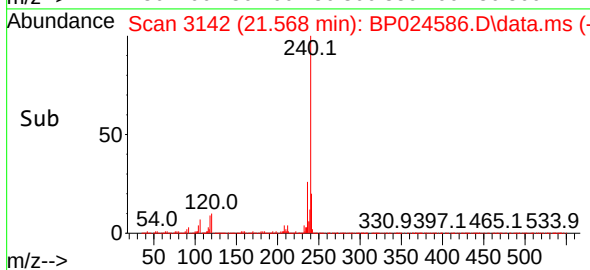
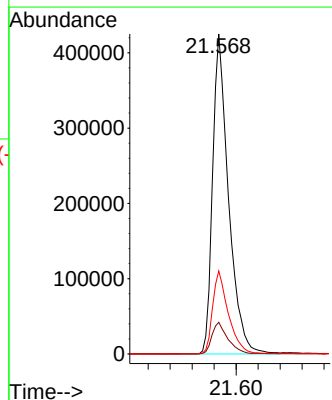
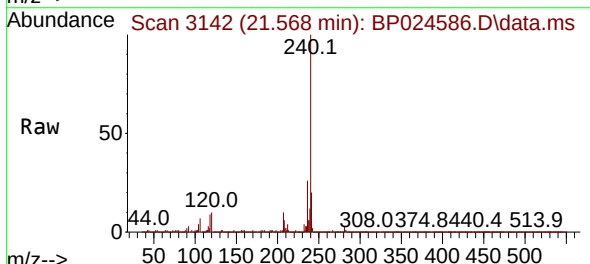
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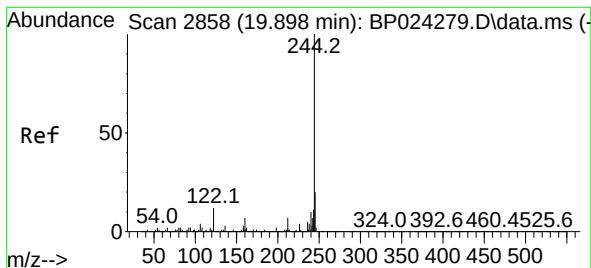
Tgt Ion:188 Resp: 754917
Ion Ratio Lower Upper
188 100
94 8.4 8.6 13.0#
80 9.6 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BP024586.D
Acq: 09 May 2025 11:38

Tgt Ion:240 Resp: 853005
Ion Ratio Lower Upper
240 100
120 9.9 9.8 14.8
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 91.496 ng

RT: 19.857 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024586.D

Acq: 09 May 2025 11:38

Instrument :

BNA_P

ClientSampleId :

PB167919BL

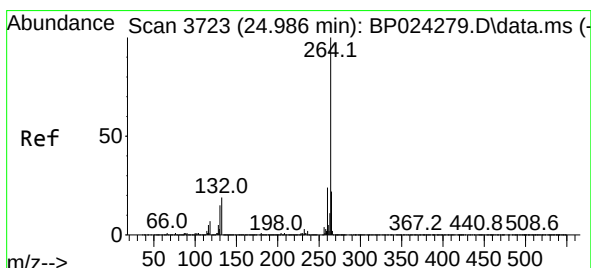
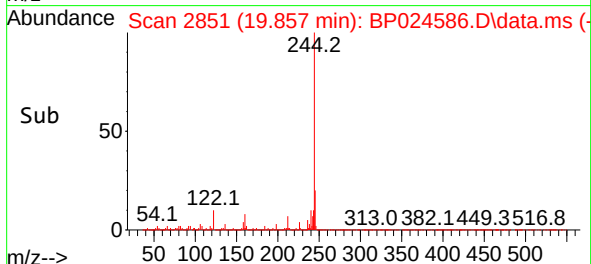
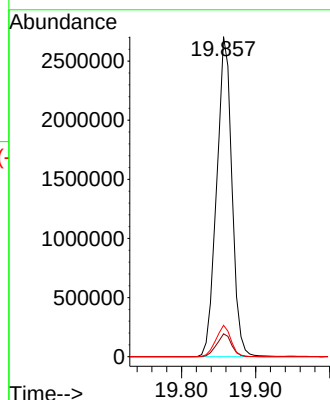
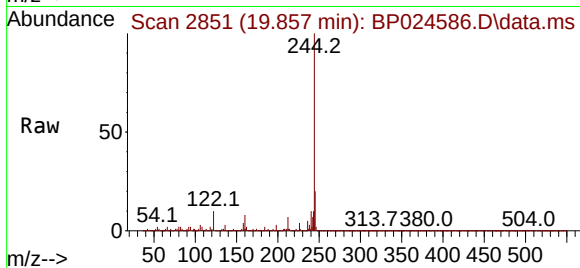
Tgt Ion:244 Resp: 3872041

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 9.8 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.903 min Scan# 3709

Delta R.T. 0.018 min

Lab File: BP024586.D

Acq: 09 May 2025 11:38

Tgt Ion:264 Resp: 961867

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 21.5 17.8 26.6

