

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
 Data File : BP024505.D
 Acq On : 02 May 2025 12:08
 Operator : RC/JU
 Sample : PB167823BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167823BL

Quant Time: May 02 12:33:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	145897	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	557085	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	338039	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	680501	20.000	ng	# 0.00
76) Chrysene-d12	21.598	240	835602	20.000	ng	# 0.00
86) Perylene-d12	24.956	264	957445	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1197819	135.749	ng	-0.01
7) Phenol-d6	6.899	99	1445822	119.665	ng	-0.01
23) Nitrobenzene-d5	8.857	82	896126	91.724	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	772975	165.273	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2040946	92.442	ng	-0.01
79) Terphenyl-d14	19.874	244	3909622	94.308	ng	0.00

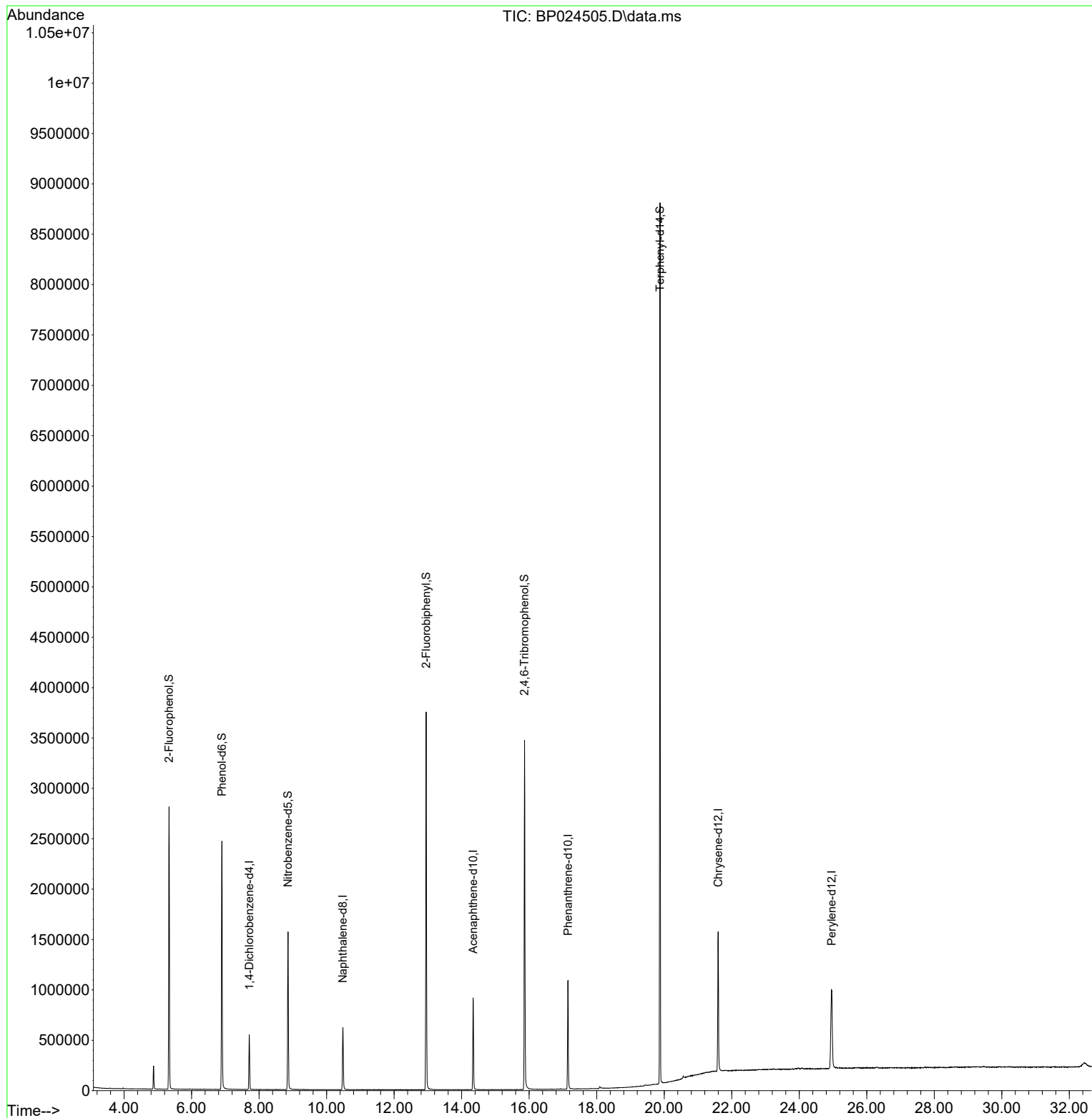
Target Compounds	Qvalue

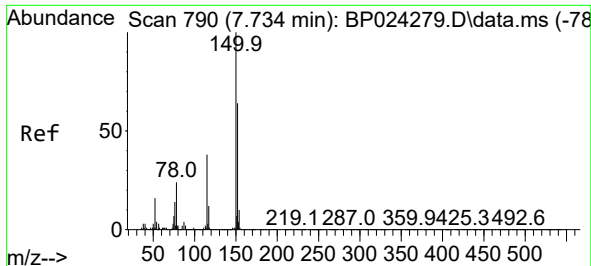
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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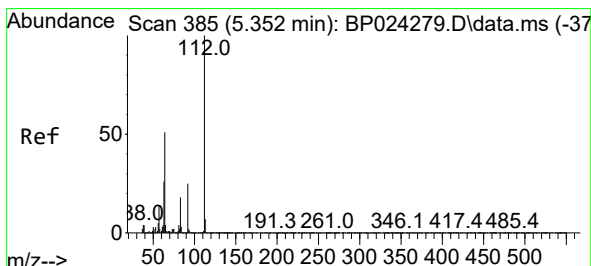
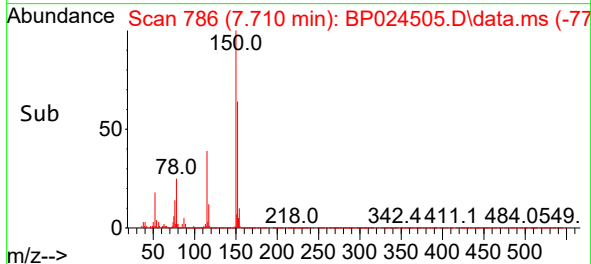
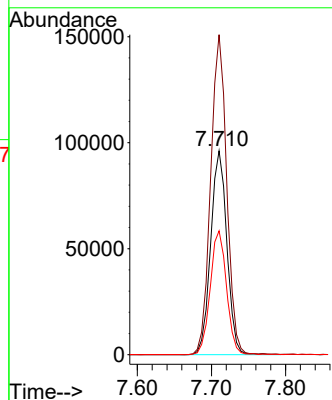
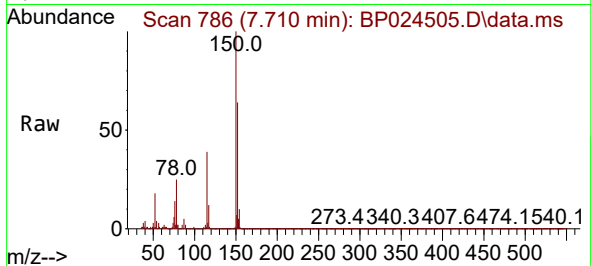




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024505.D
Acq: 02 May 2025 12:08

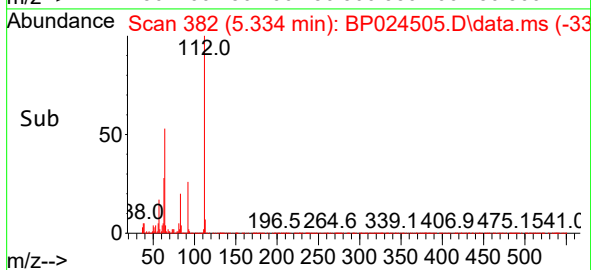
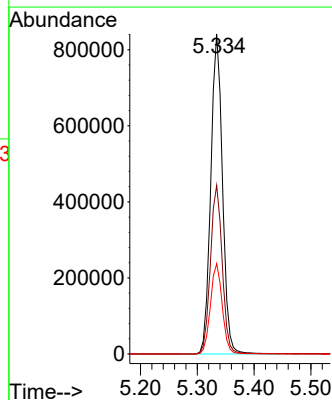
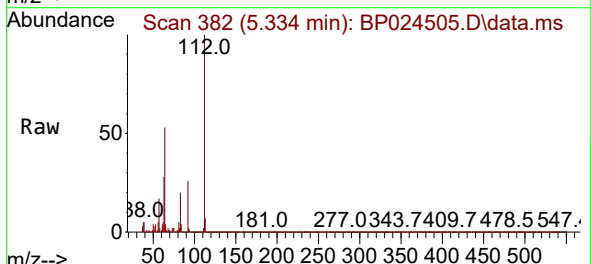
Instrument :
BNA_P
ClientSampleId :
PB167823BL

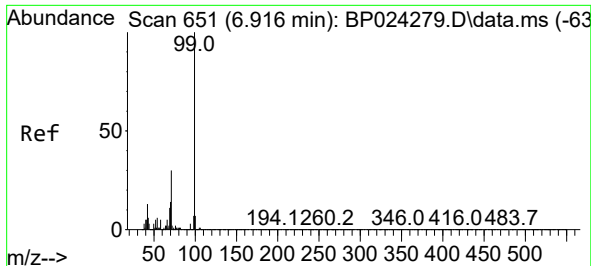
Tgt Ion:152 Resp: 145897
Ion Ratio Lower Upper
152 100
150 157.0 124.9 187.3
115 60.8 47.7 71.5



#5
2-Fluorophenol
Concen: 135.749 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024505.D
Acq: 02 May 2025 12:08

Tgt Ion:112 Resp: 1197819
Ion Ratio Lower Upper
112 100
64 52.7 41.1 61.7
63 28.2 20.6 30.8

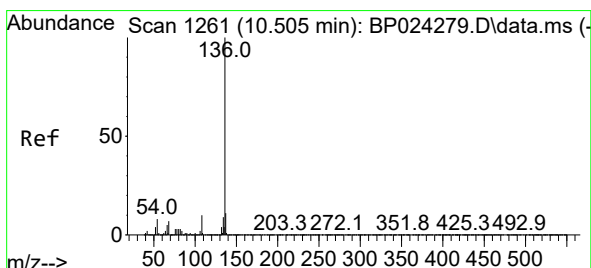
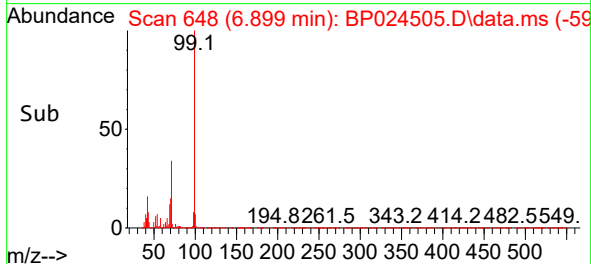
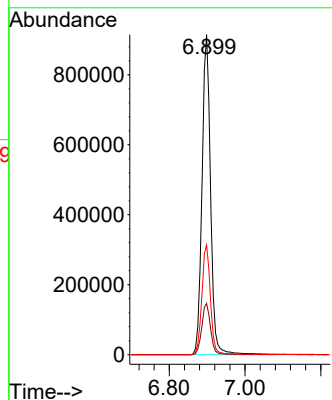
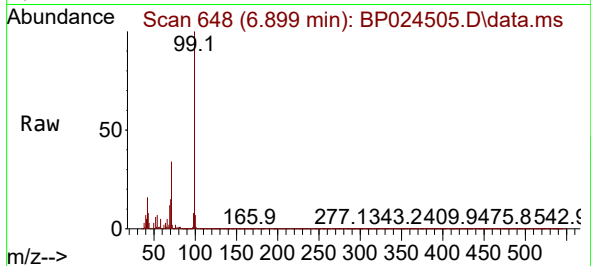




#7
Phenol-d6
Concen: 119.665 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024505.D
Acq: 02 May 2025 12:08

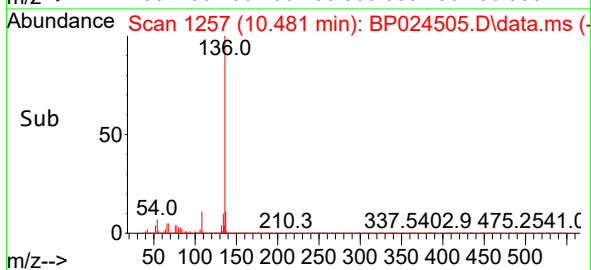
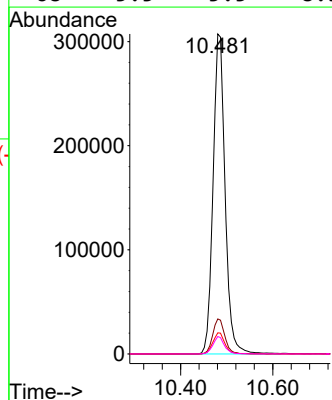
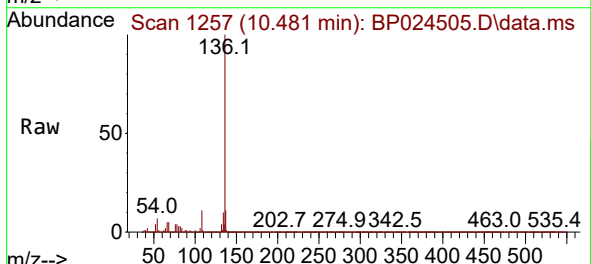
Instrument :
BNA_P
ClientSampleId :
PB167823BL

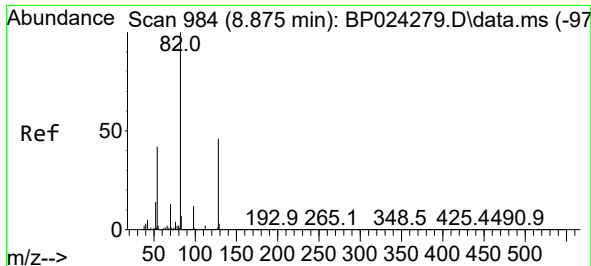
Tgt Ion: 99 Resp: 1445822
Ion Ratio Lower Upper
99 100
42 16.0 10.6 16.0#
71 34.3 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024505.D
Acq: 02 May 2025 12:08

Tgt Ion:136 Resp: 557085
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.6 6.0 9.0
68 5.5 5.5 8.3#

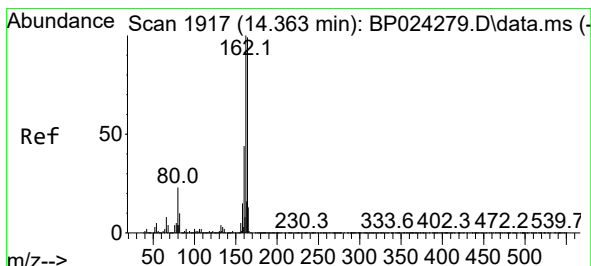
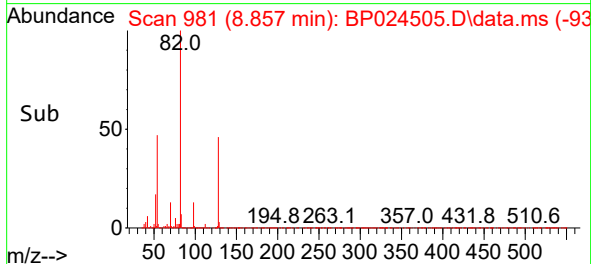
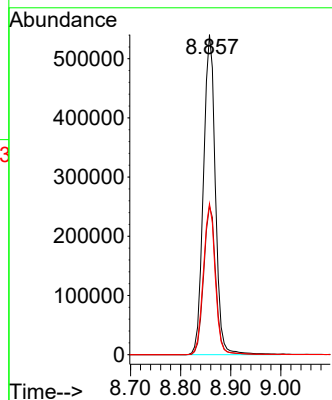
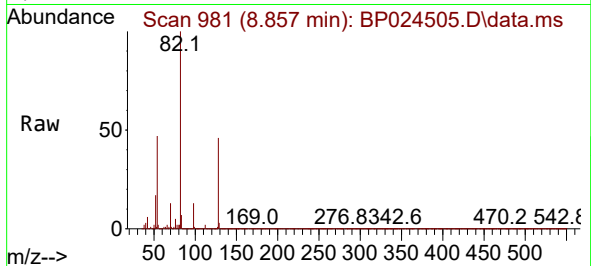




#23
Nitrobenzene-d5
Concen: 91.724 ng
RT: 8.857 min Scan# 913
Delta R.T. -0.012 min
Lab File: BP024505.D
Acq: 02 May 2025 12:08

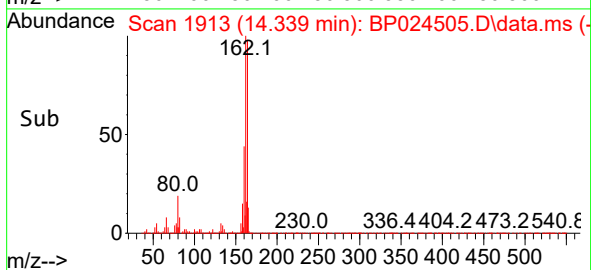
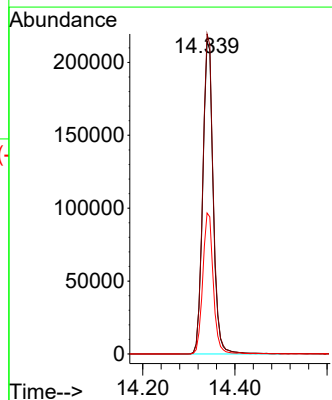
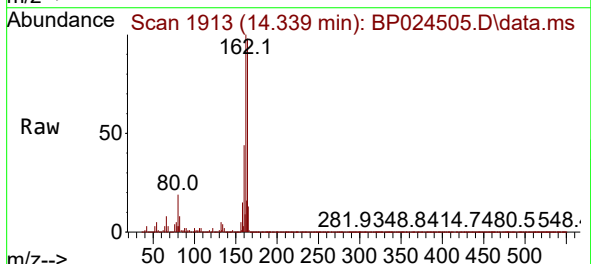
Instrument :
BNA_P
ClientSampleId :
PB167823BL

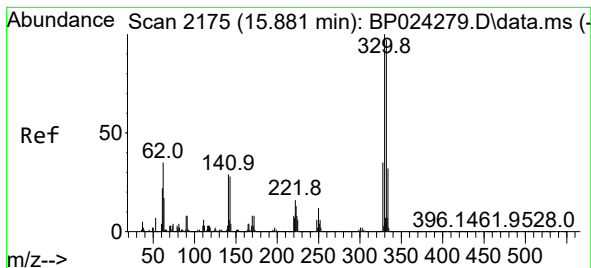
Tgt Ion: 82 Resp: 896126
Ion Ratio Lower Upper
82 100
128 46.5 36.5 54.7
54 47.2 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024505.D
Acq: 02 May 2025 12:08

Tgt Ion: 164 Resp: 338039
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 45.1 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 165.273 ng

RT: 15.863 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024505.D

Acq: 02 May 2025 12:08

Instrument :

BNA_P

ClientSampleId :

PB167823BL

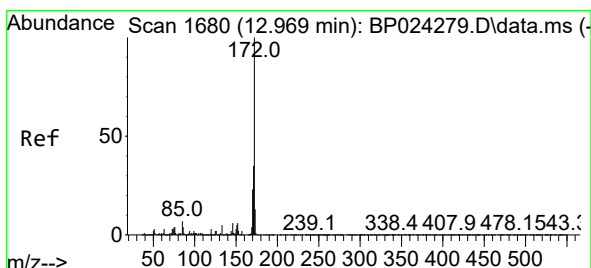
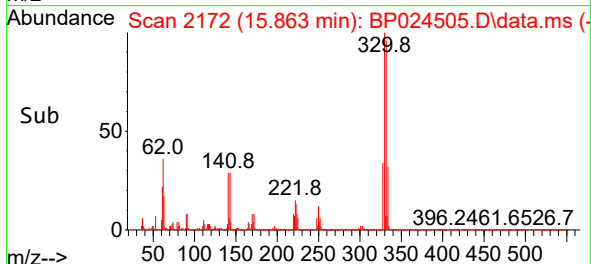
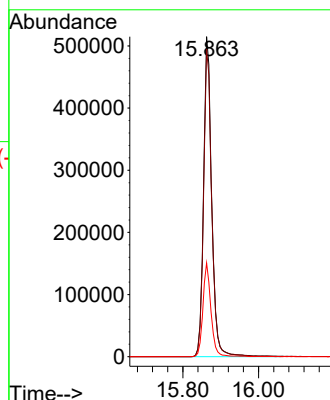
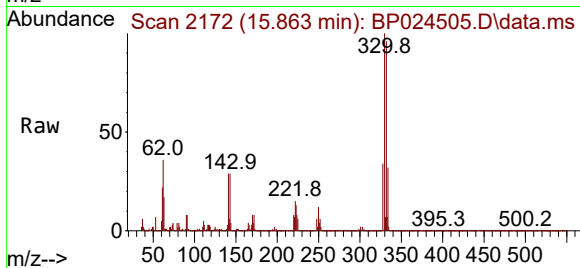
Tgt Ion:330 Resp: 772975

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

141 28.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 92.442 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024505.D

Acq: 02 May 2025 12:08

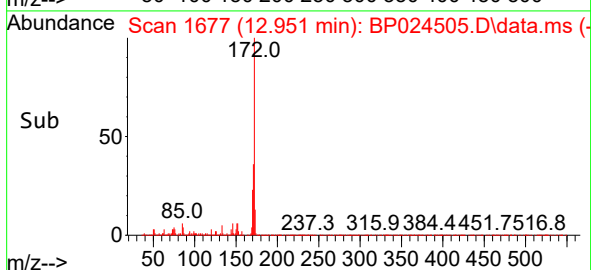
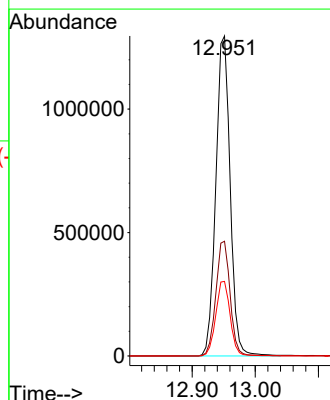
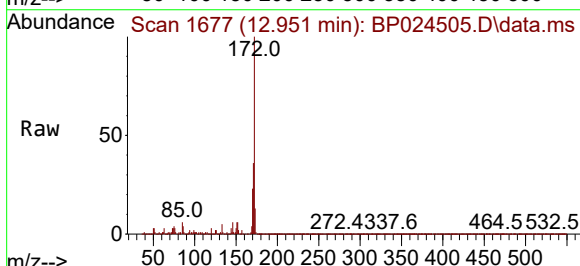
Tgt Ion:172 Resp: 2040946

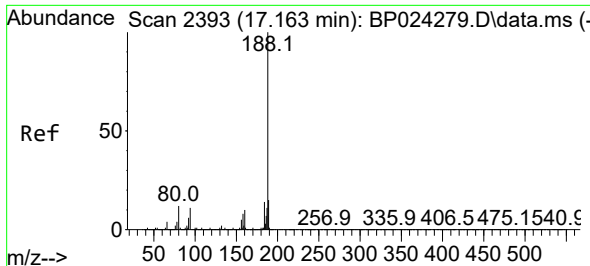
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

170 23.3 18.6 27.8

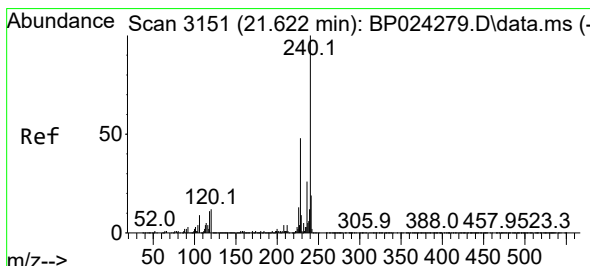
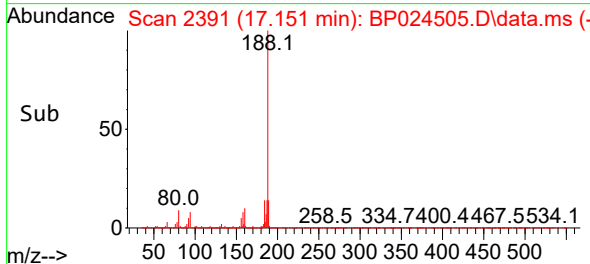
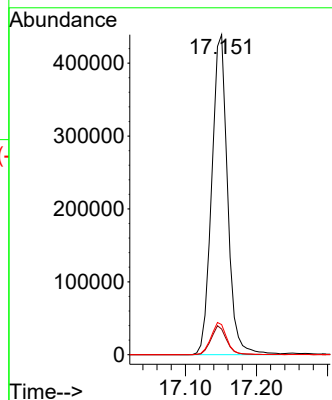
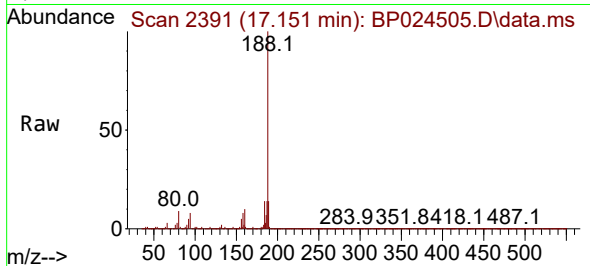




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024505.D
Acq: 02 May 2025 12:08

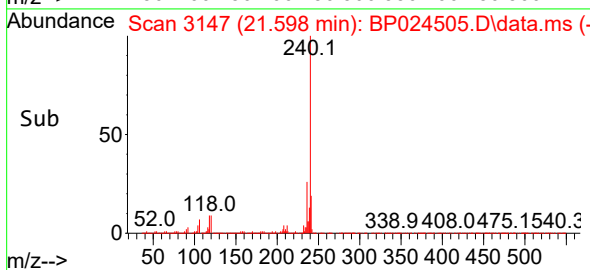
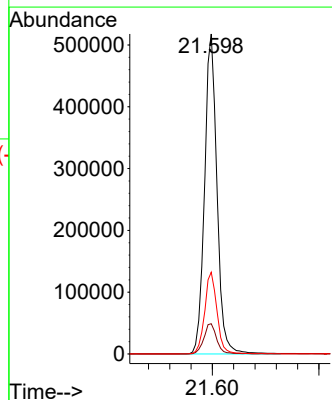
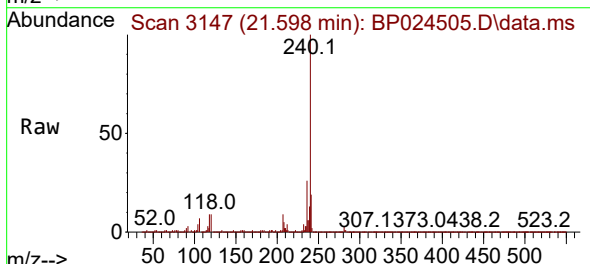
Instrument :
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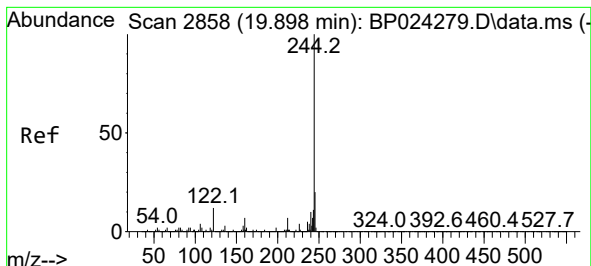
Tgt Ion:188 Resp: 680501
Ion Ratio Lower Upper
188 100
94 8.0 8.6 13.0#
80 9.4 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BP024505.D
Acq: 02 May 2025 12:08

Tgt Ion:240 Resp: 835602
Ion Ratio Lower Upper
240 100
120 9.4 9.8 14.8#
236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 94.308 ng

RT: 19.874 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024505.D

Acq: 02 May 2025 12:08

Instrument :

BNA_P

ClientSampleId :

PB167823BL

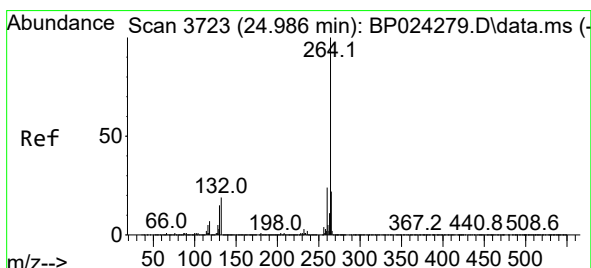
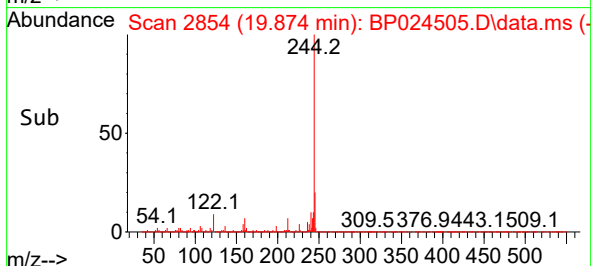
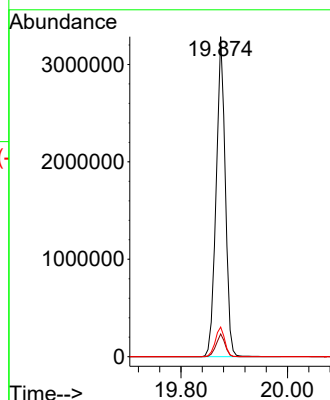
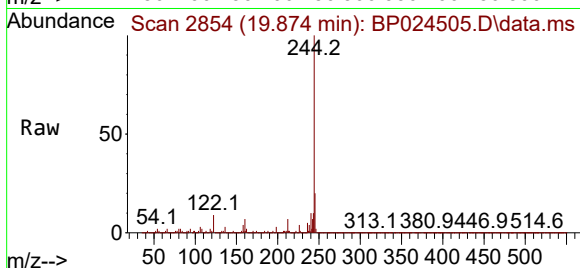
Tgt Ion:244 Resp: 3909622

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 9.2 9.4 14.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.956 min Scan# 3718

Delta R.T. 0.023 min

Lab File: BP024505.D

Acq: 02 May 2025 12:08

Tgt Ion:264 Resp: 957445

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 21.7 17.8 26.6

