

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024529.D
 Acq On : 05 May 2025 17:26
 Operator : RC/JU
 Sample : Q1901-10RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-167-SB02RE

Quant Time: May 05 18:21:26 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	7.711	152	159015	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	625316	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	112223	20.000	ng	#-0.01
64) Phenanthrene-d10	17.145	188	431364	20.000	ng	0.00
76) Chrysene-d12	21.586	240	43410	20.000	ng	# 0.00
86) Perylene-d12	0.000	264	0m	20.000	ng	-24.93
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1105558	114.957	ng	-0.01
7) Phenol-d6	6.899	99	548086	41.621	ng	-0.01
23) Nitrobenzene-d5	8.858	82	1019694	92.984	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	859661	553.668	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2297807	313.500	ng	-0.01
79) Terphenyl-d14	19.875	244	1941631	901.549	ng	0.00

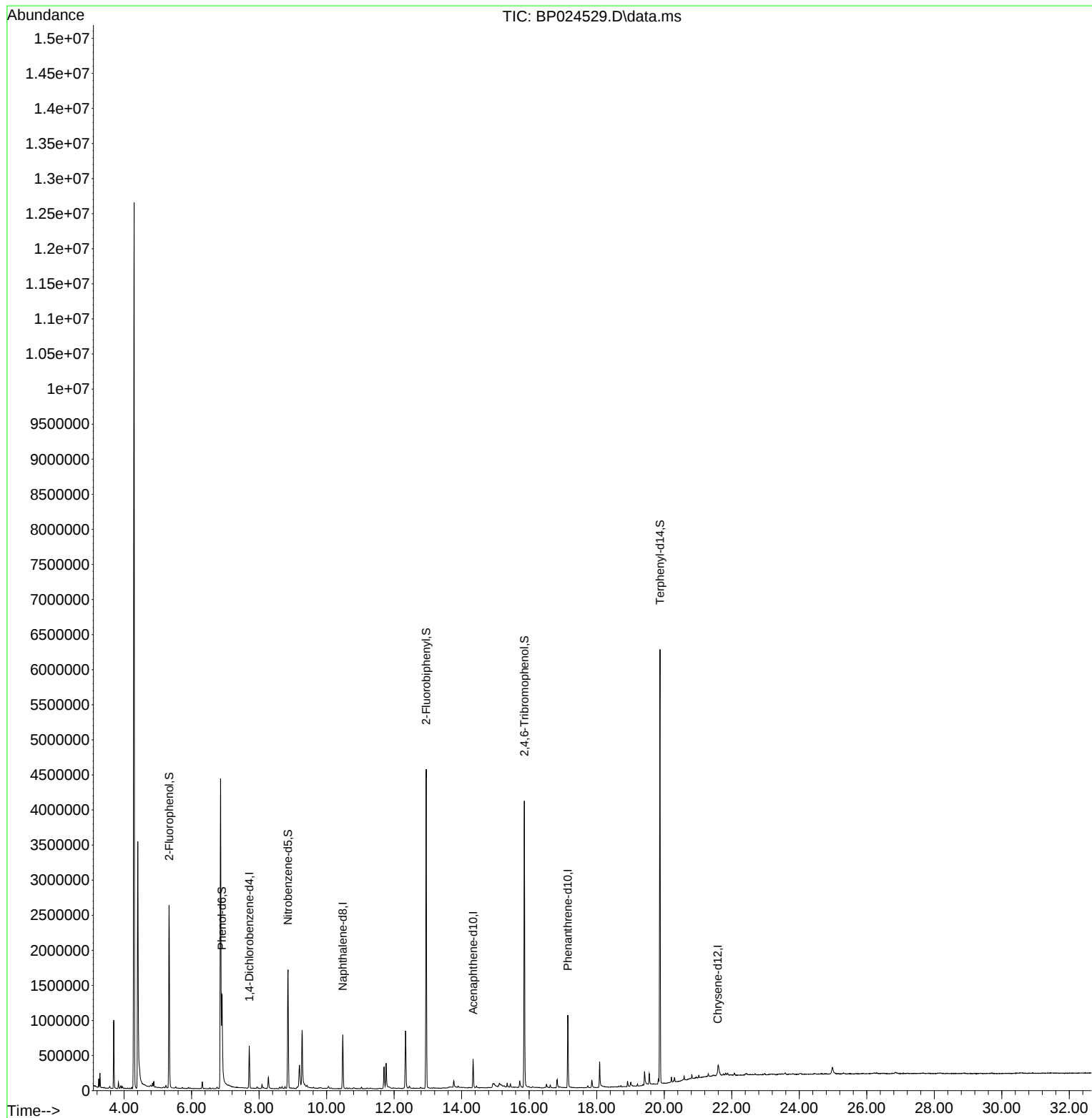
Target Compounds	Qvalue

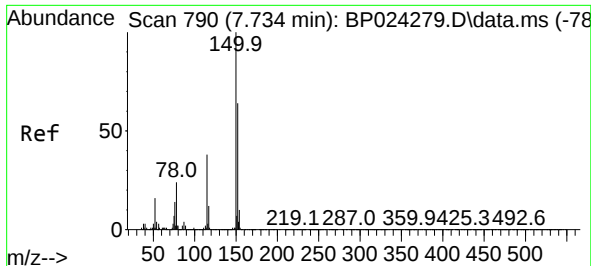
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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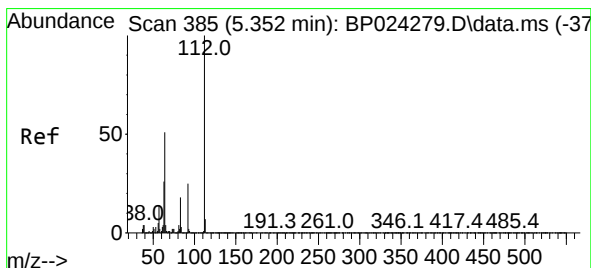
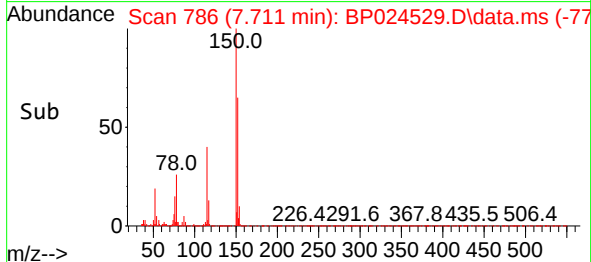
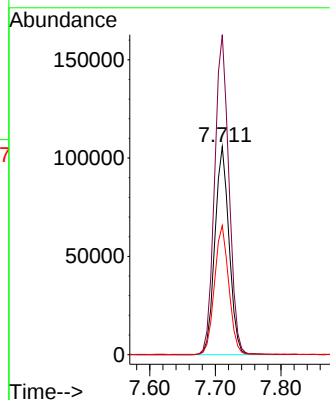
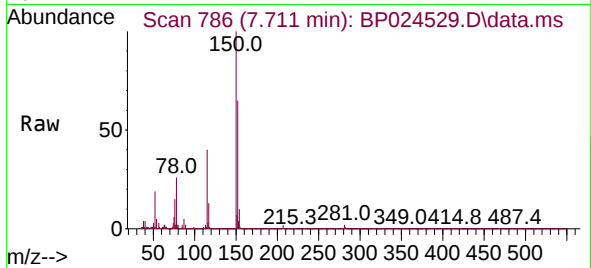




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.711 min Scan# 790
 Delta R.T. -0.011 min
 Lab File: BP024529.D
 Acq: 05 May 2025 17:26

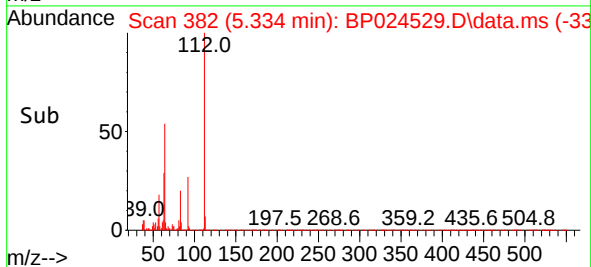
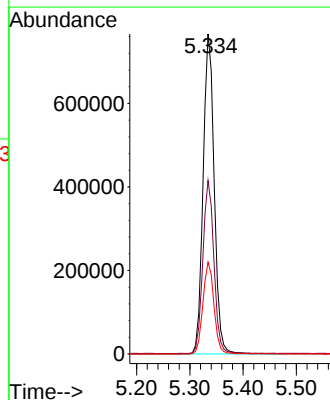
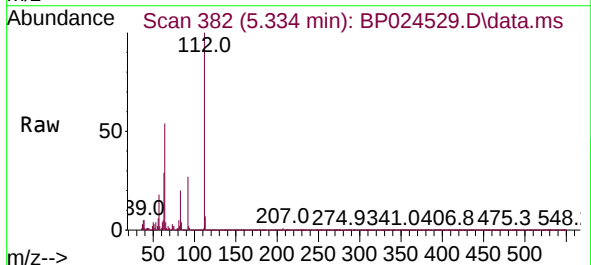
Instrument :
 BNA_P
 ClientSampleId :
 B-167-SB02RE

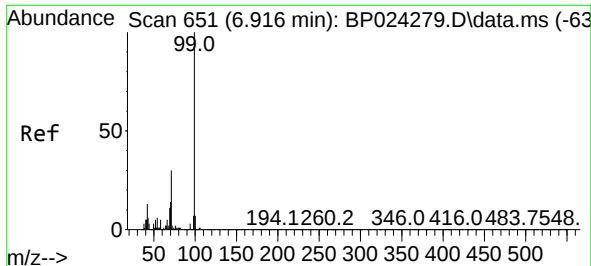
Tgt Ion:152 Resp: 159015
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.9 187.3
 115 62.1 47.7 71.5



#5
 2-Fluorophenol
 Concen: 114.957 ng
 RT: 5.334 min Scan# 382
 Delta R.T. -0.012 min
 Lab File: BP024529.D
 Acq: 05 May 2025 17:26

Tgt Ion:112 Resp: 1105558
 Ion Ratio Lower Upper
 112 100
 64 54.2 41.1 61.7
 63 28.7 20.6 30.8

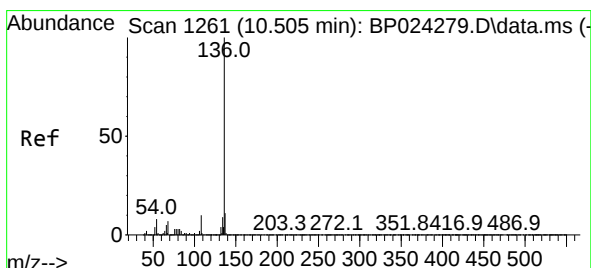
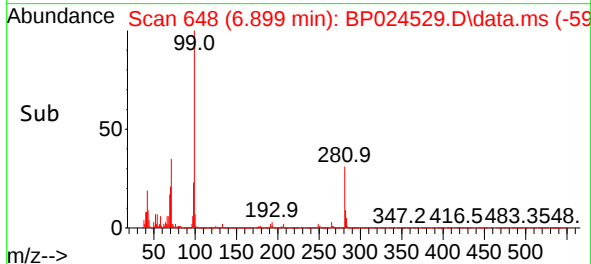
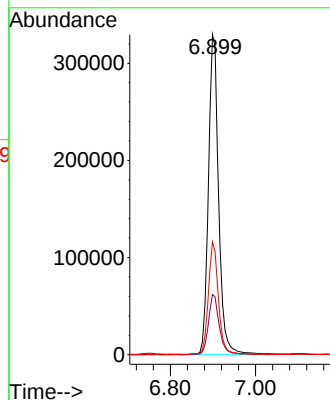
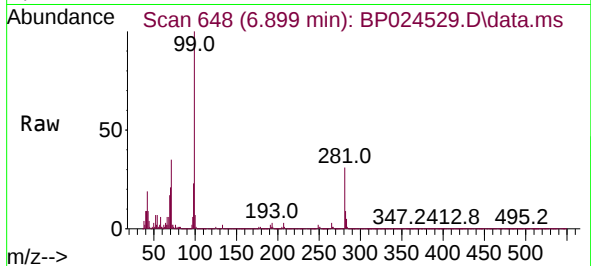




#7
Phenol-d6
Concen: 41.621 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024529.D
Acq: 05 May 2025 17:26

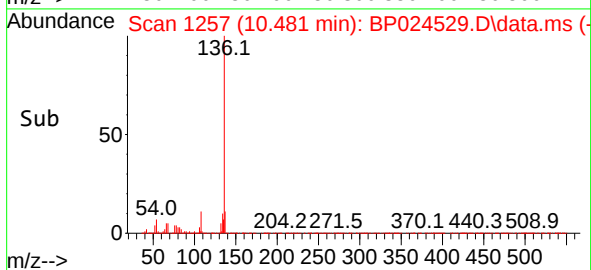
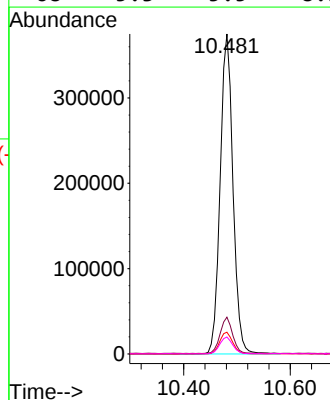
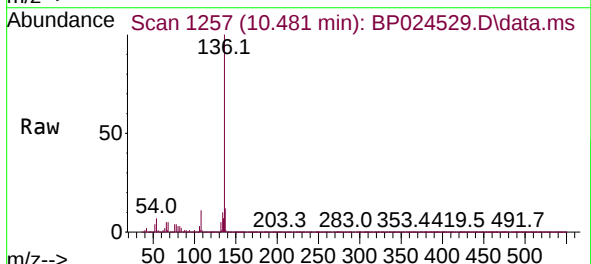
Instrument :
BNA_P
ClientSampleId :
B-167-SB02RE

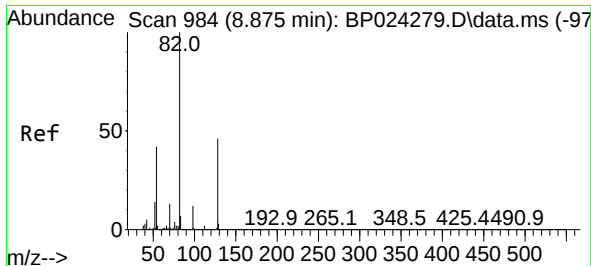
Tgt Ion: 99 Resp: 548086
Ion Ratio Lower Upper
99 100
42 18.8 10.6 16.0#
71 35.2 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.017 min
Lab File: BP024529.D
Acq: 05 May 2025 17:26

Tgt Ion: 136 Resp: 625316
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 6.8 6.0 9.0
68 5.3 5.5 8.3#

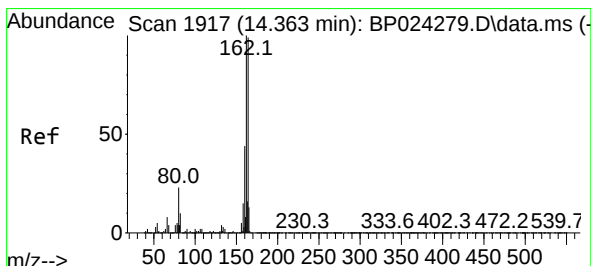
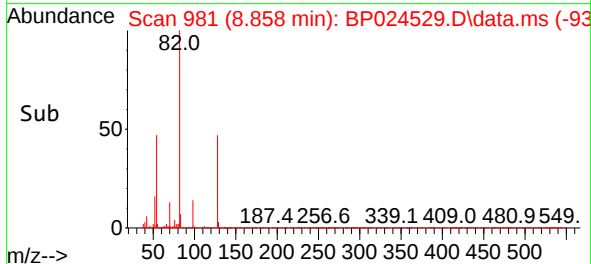
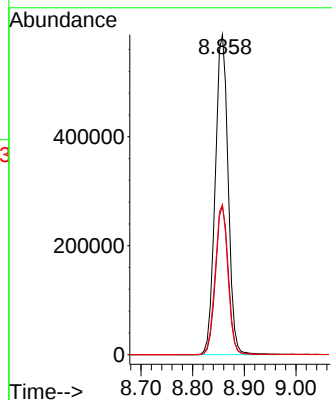
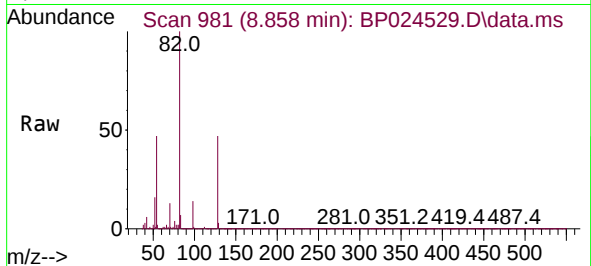




#23
Nitrobenzene-d5
Concen: 92.984 ng
RT: 8.858 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024529.D
Acq: 05 May 2025 17:26

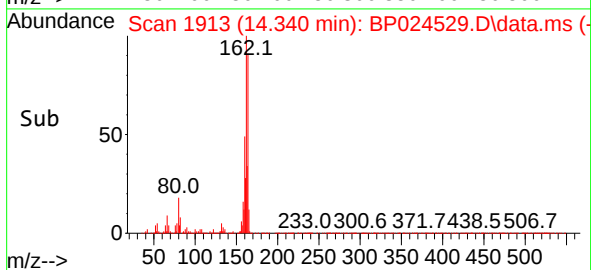
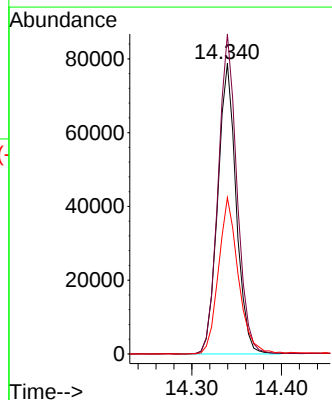
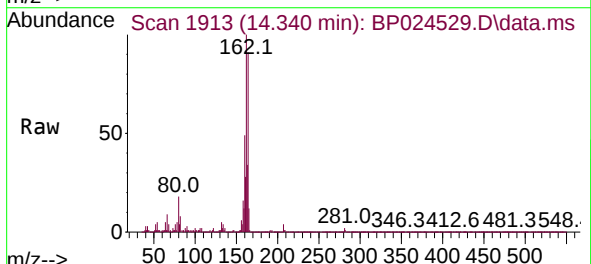
Instrument :
BNA_P
ClientSampleId :
B-167-SB02RE

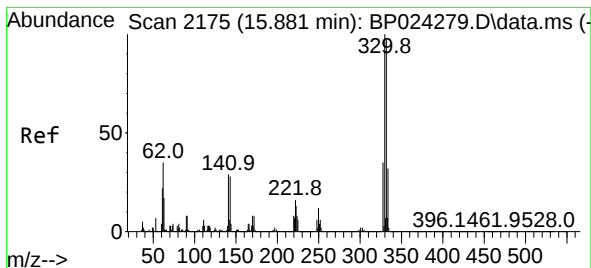
Tgt Ion: 82 Resp: 1019694
Ion Ratio Lower Upper
82 100
128 46.6 36.5 54.7
54 46.9 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024529.D
Acq: 05 May 2025 17:26

Tgt Ion: 164 Resp: 112223
Ion Ratio Lower Upper
164 100
162 110.1 80.6 120.8
160 53.8 35.3 52.9#





#42

2,4,6-Tribromophenol

Concen: 553.668 ng

RT: 15.857 min Scan# 2175

Delta R.T. -0.006 min

Lab File: BP024529.D

Acq: 05 May 2025 17:26

Instrument :

BNA_P

ClientSampleId :

B-167-SB02RE

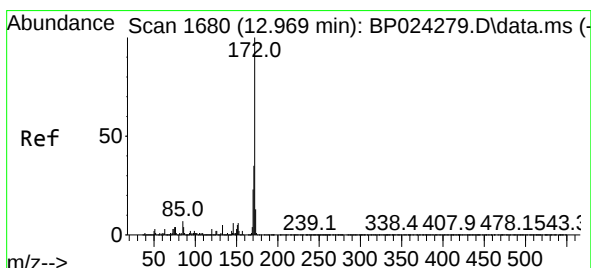
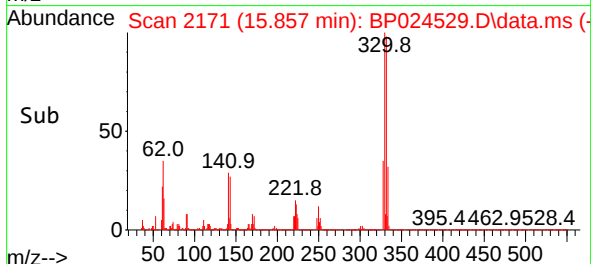
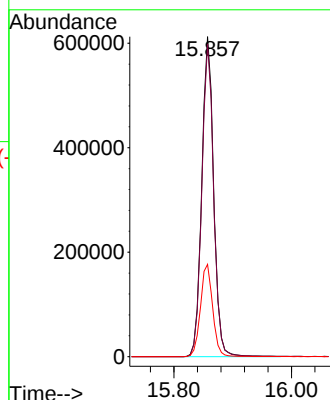
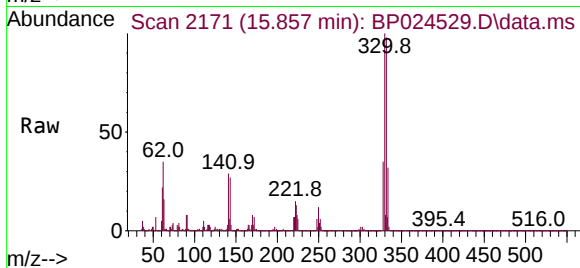
Tgt Ion:330 Resp: 859661

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 29.6 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 313.500 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024529.D

Acq: 05 May 2025 17:26

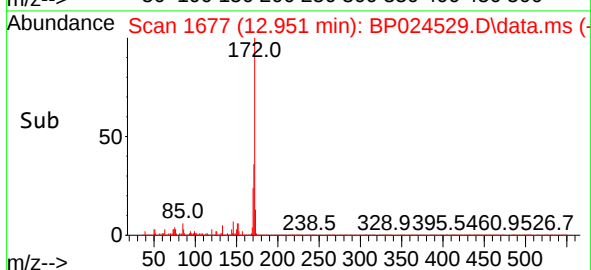
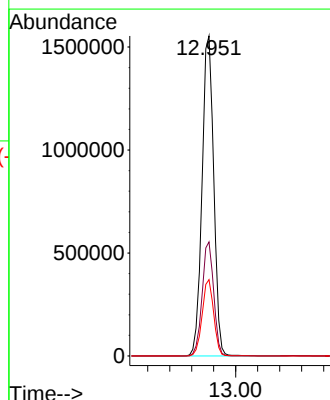
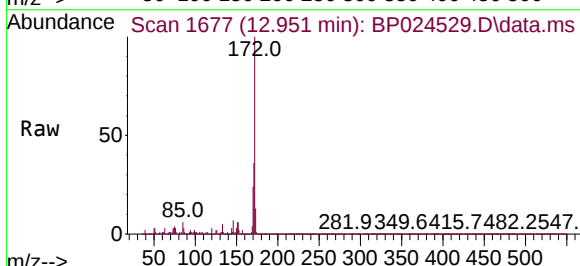
Tgt Ion:172 Resp: 2297807

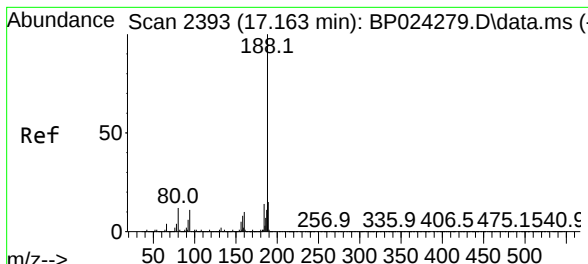
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.9 18.6 27.8

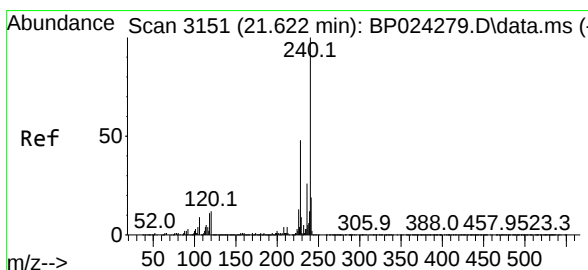
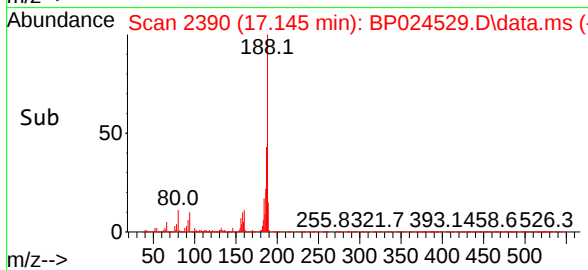
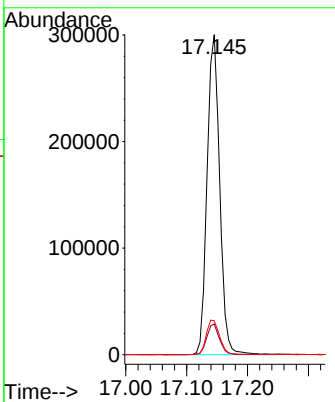
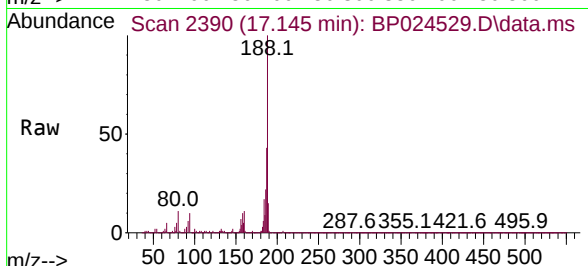




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.145 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP024529.D
 Acq: 05 May 2025 17:26

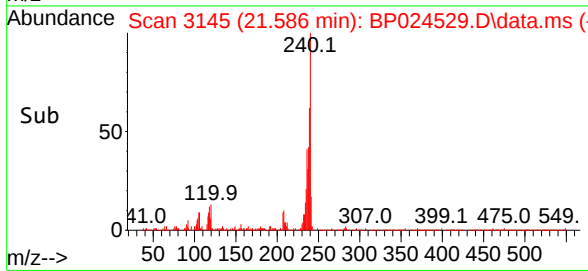
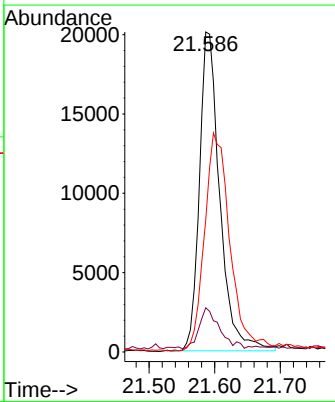
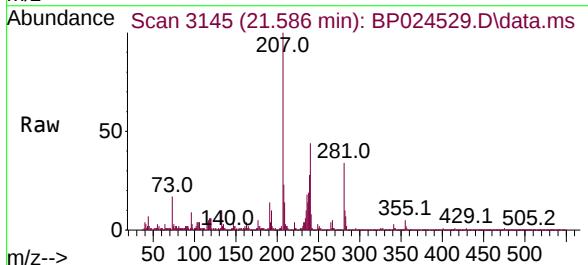
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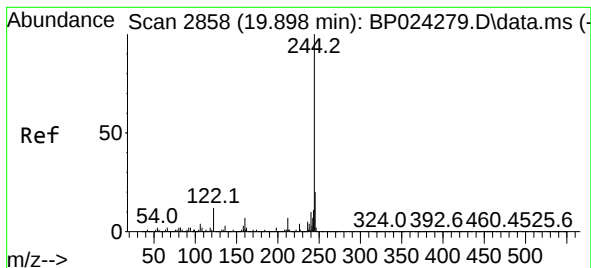
Tgt Ion:	188	Resp:	431364
Ion Ratio	Lower	Upper	
188	100		
94	9.6	8.6	13.0
80	10.6	9.8	14.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.586 min Scan# 3145
 Delta R.T. -0.006 min
 Lab File: BP024529.D
 Acq: 05 May 2025 17:26

Tgt Ion:	240	Resp:	43410
Ion Ratio	Lower	Upper	
240	100		
120	13.8	9.8	14.8
236	41.3	20.9	31.3





#79

Terphenyl-d14

Concen: 901.549 ng

RT: 19.875 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024529.D

Acq: 05 May 2025 17:26

Instrument :

BNA_P

ClientSampleId :

B-167-SB02RE

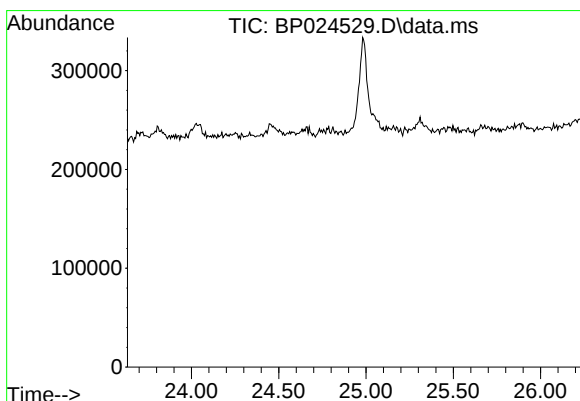
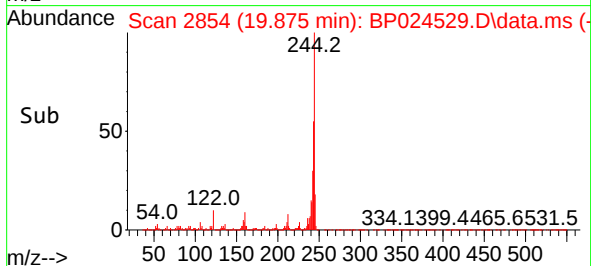
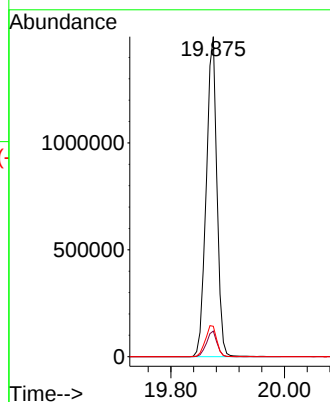
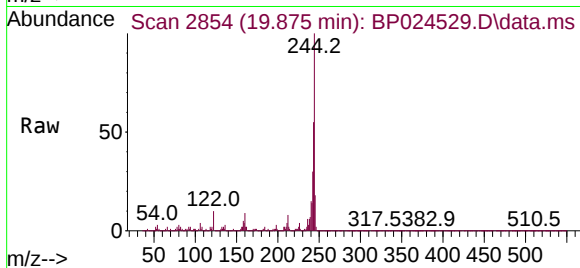
Tgt Ion:244 Resp: 1941631

Ion Ratio Lower Upper

244 100

212 8.0 5.6 8.4

122 9.5 9.4 14.0



#86

Perylene-d12

Concen: 0.000 ng

Expected RT: 24.93 min

Lab File: BP024529.D

Acq: 05 May 2025 17:26

Tgt Ion: 264

Sig Exp Ratio

264 100

260 23.6

265 22.2

