

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050825\
 Data File : BP024576.D
 Acq On : 08 May 2025 20:19
 Operator : RC/JU
 Sample : Q1972-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SUB-WC-2

Quant Time: May 09 01:39:50 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	7.705	152	116804	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	454868	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	301514	20.000	ng	-0.02
64) Phenanthrene-d10	17.128	188	652129	20.000	ng	#-0.02
76) Chrysene-d12	21.563	240	874449	20.000	ng	-0.03
86) Perylene-d12	24.886	264	1076930	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	557870	78.971	ng	-0.02
7) Phenol-d6	6.893	99	696372	71.992	ng	-0.02
23) Nitrobenzene-d5	8.852	82	417824	52.377	ng	-0.02
42) 2,4,6-Tribromophenol	15.851	330	413397	99.098	ng	-0.01
45) 2-Fluorobiphenyl	12.940	172	1032662	52.439	ng	-0.02
79) Terphenyl-d14	19.845	244	2164813	49.900	ng	-0.03

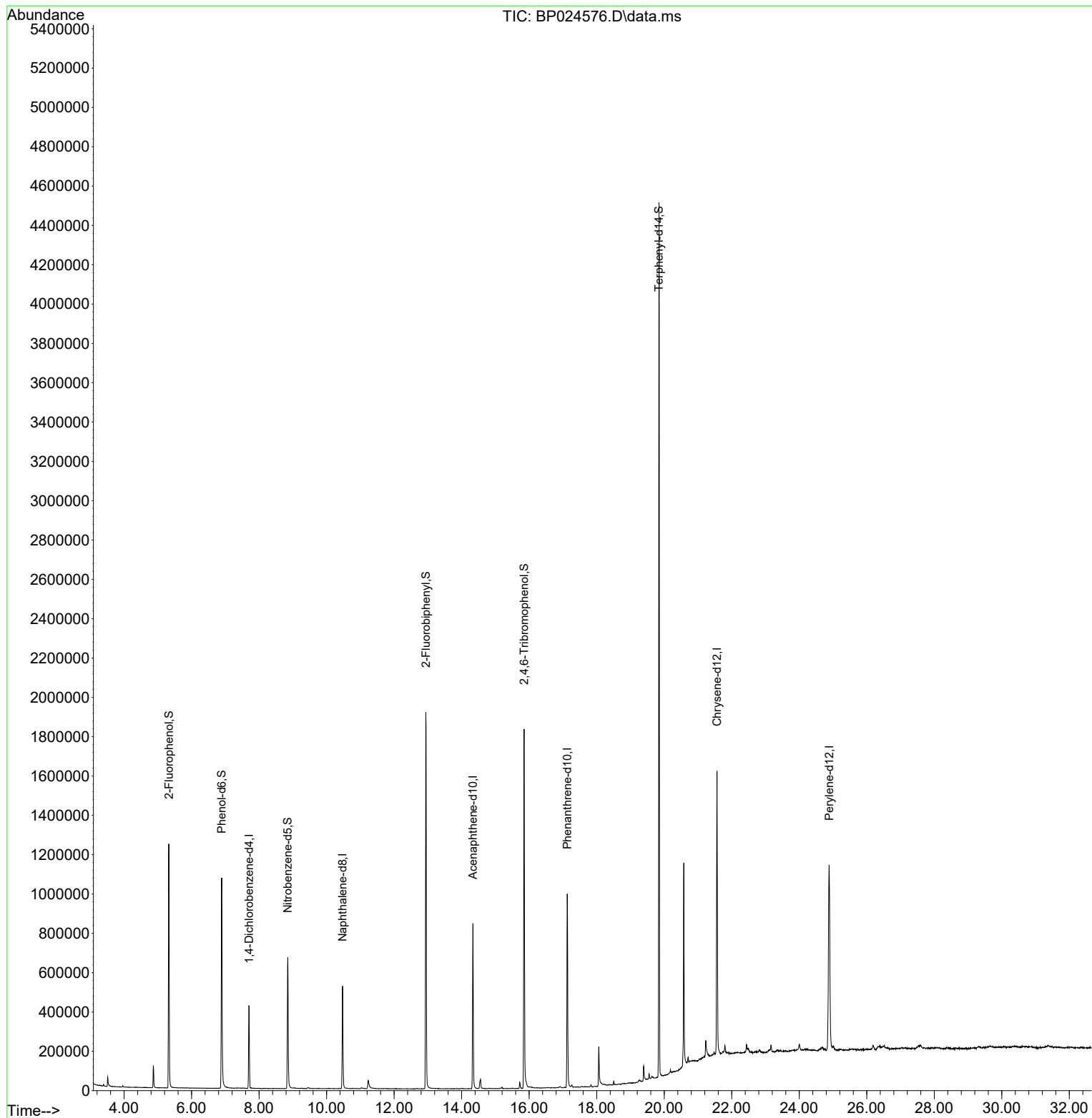
Target Compounds	Qvalue

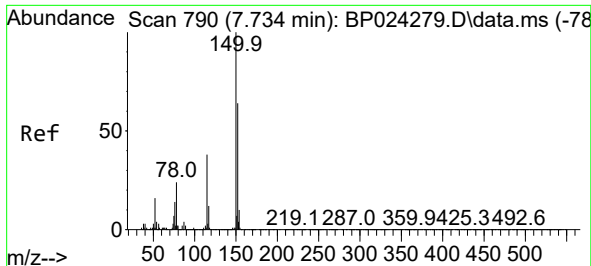
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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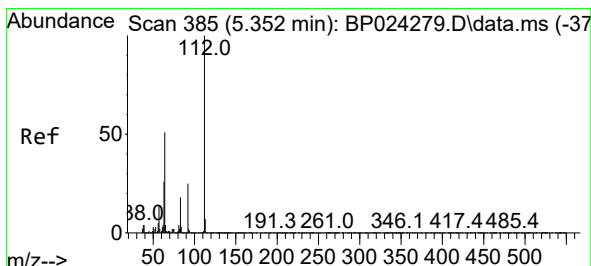
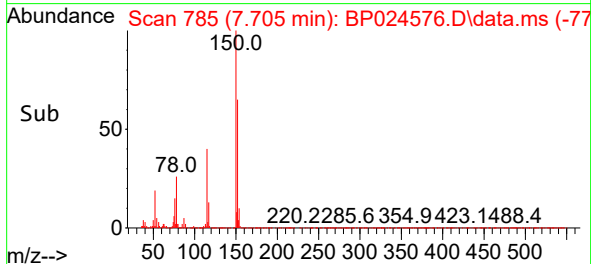
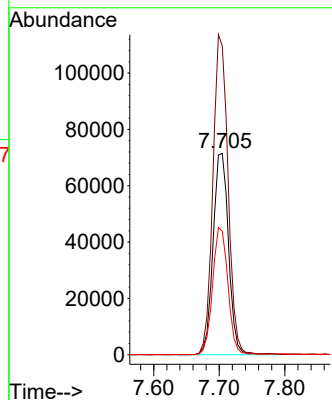
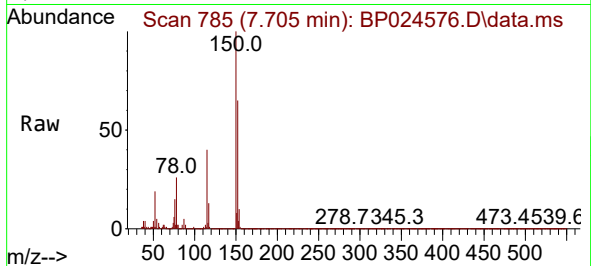




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024576.D
Acq: 08 May 2025 20:19

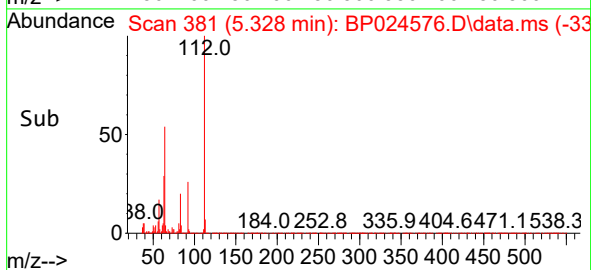
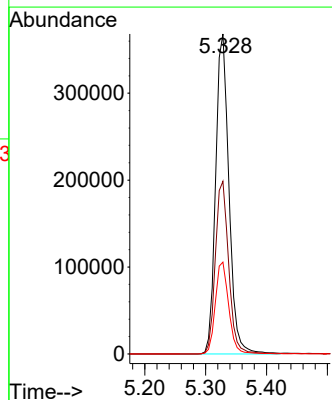
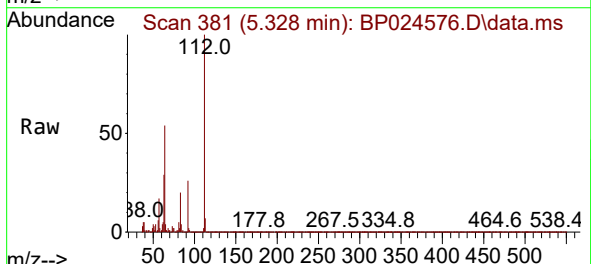
Instrument :
BNA_P
ClientSampleId :
SUB-WC-2

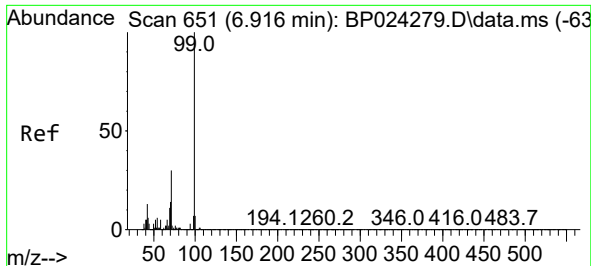
Tgt Ion:152 Resp: 116804
Ion Ratio Lower Upper
152 100
150 153.3 124.9 187.3
115 61.4 47.7 71.5



#5
2-Fluorophenol
Concen: 78.971 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024576.D
Acq: 08 May 2025 20:19

Tgt Ion:112 Resp: 557870
Ion Ratio Lower Upper
112 100
64 53.9 41.1 61.7
63 28.7 20.6 30.8

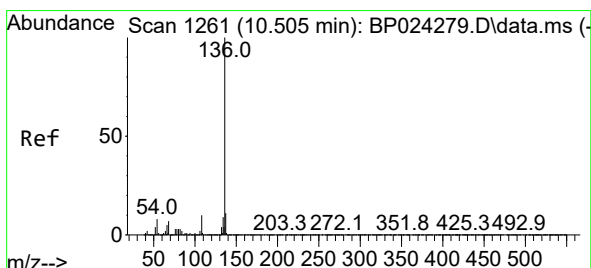
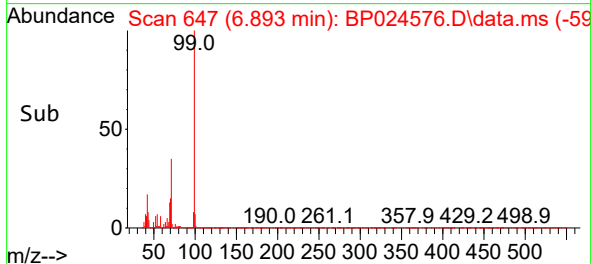
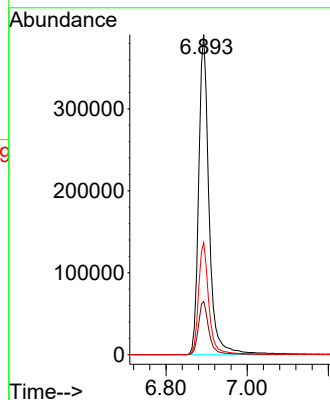
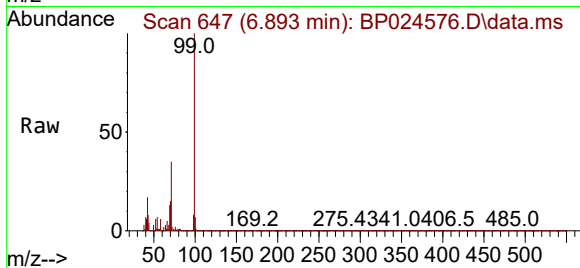




#7
Phenol-d6
Concen: 71.992 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.018 min
Lab File: BP024576.D
Acq: 08 May 2025 20:19

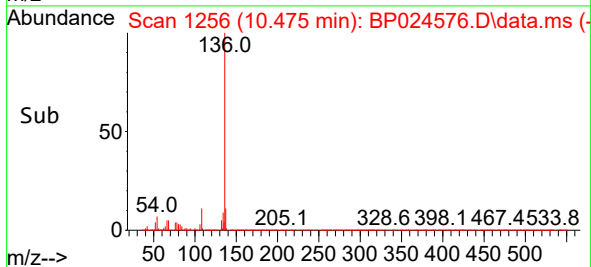
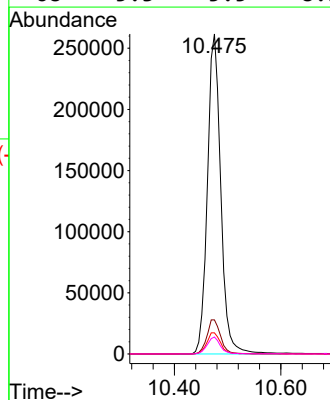
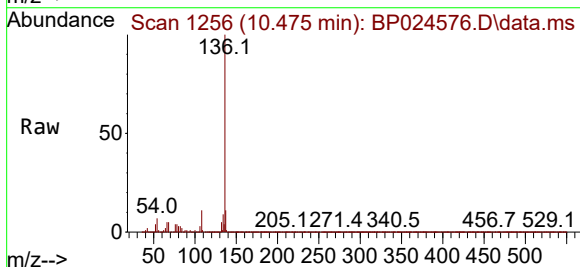
Instrument :
BNA_P
ClientSampleId :
SUB-WC-2

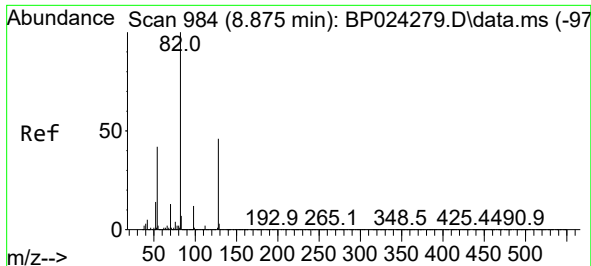
Tgt Ion: 99 Resp: 696372
Ion Ratio Lower Upper
99 100
42 16.7 10.6 16.0#
71 35.0 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.023 min
Lab File: BP024576.D
Acq: 08 May 2025 20:19

Tgt Ion: 136 Resp: 454868
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 6.6 6.0 9.0
68 5.3 5.5 8.3#

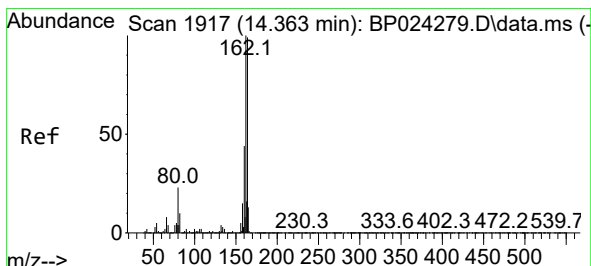
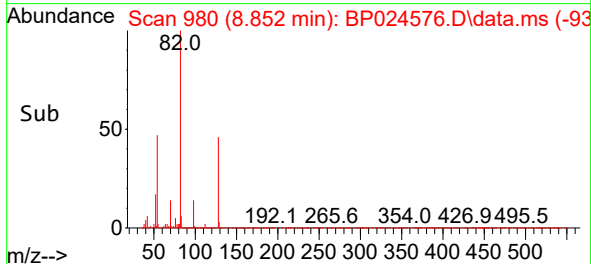
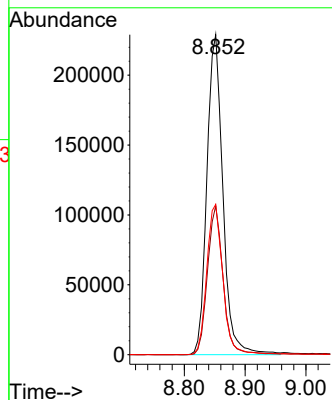
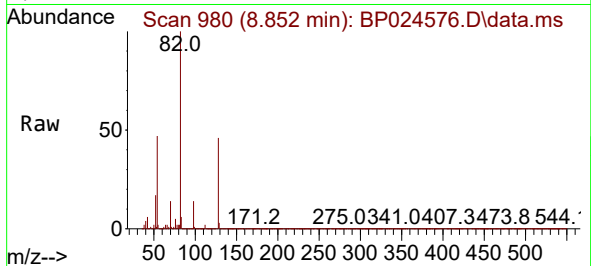




#23
Nitrobenzene-d5
Concen: 52.377 ng
RT: 8.852 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP024576.D
Acq: 08 May 2025 20:19

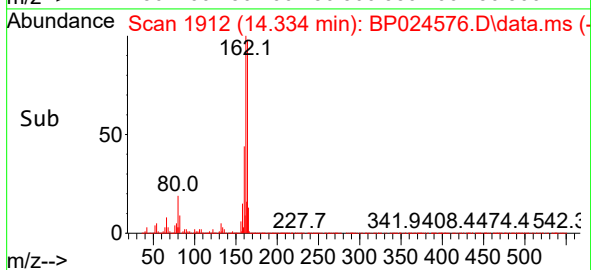
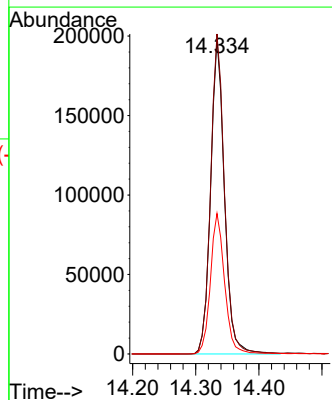
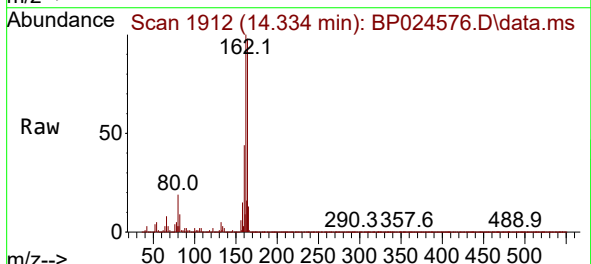
Instrument :
BNA_P
ClientSampleId :
SUB-WC-2

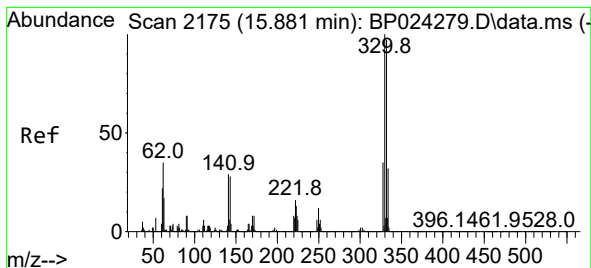
Tgt Ion: 82 Resp: 417824
Ion Ratio Lower Upper
82 100
128 46.5 36.5 54.7
54 47.0 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BP024576.D
Acq: 08 May 2025 20:19

Tgt Ion: 164 Resp: 301514
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 44.6 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 99.098 ng

RT: 15.851 min Scan# 2175

Delta R.T. -0.012 min

Lab File: BP024576.D

Acq: 08 May 2025 20:19

Instrument :

BNA_P

ClientSampleId :

SUB-WC-2

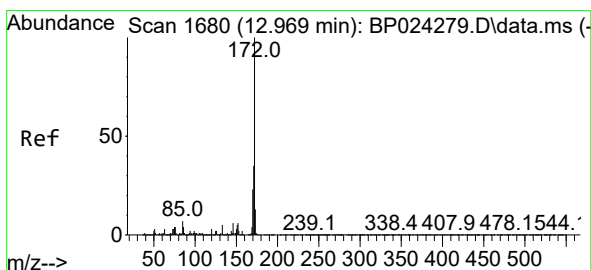
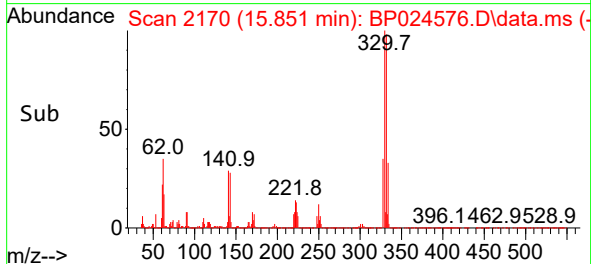
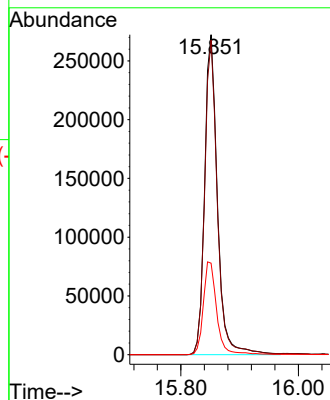
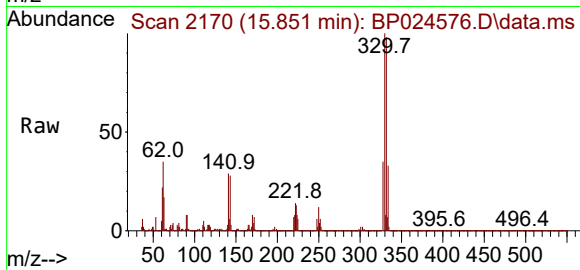
Tgt Ion:330 Resp: 413397

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

141 30.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 52.439 ng

RT: 12.940 min Scan# 1675

Delta R.T. -0.023 min

Lab File: BP024576.D

Acq: 08 May 2025 20:19

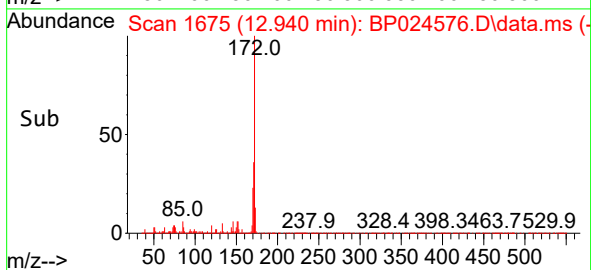
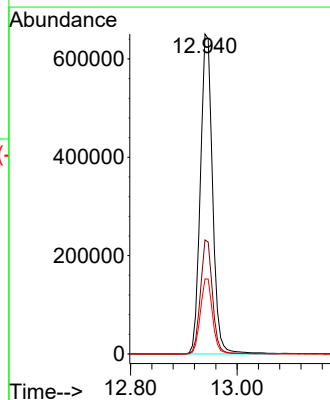
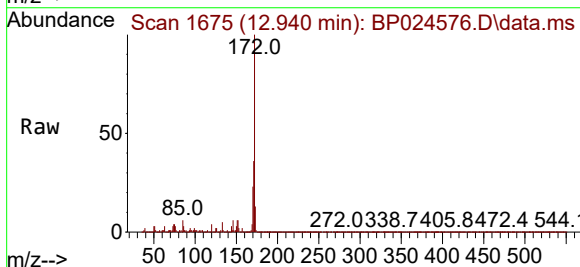
Tgt Ion:172 Resp: 1032662

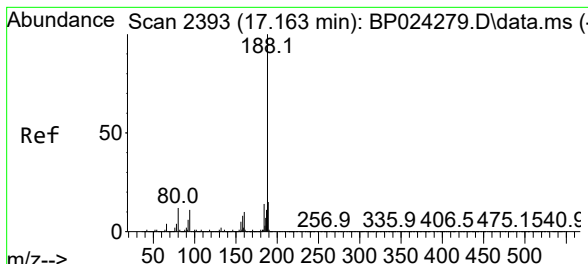
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.5 18.6 27.8

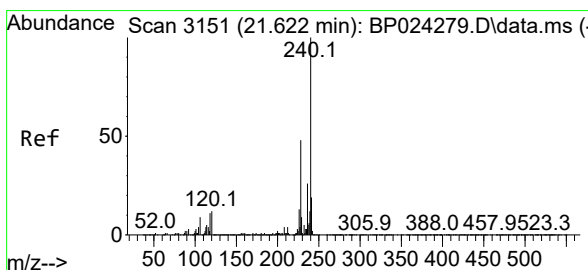
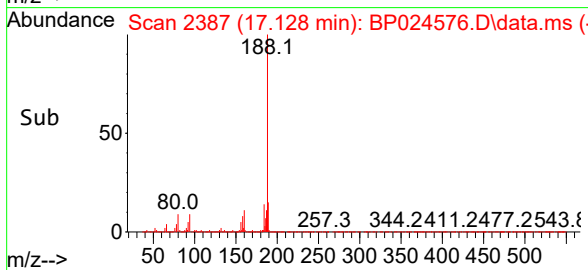
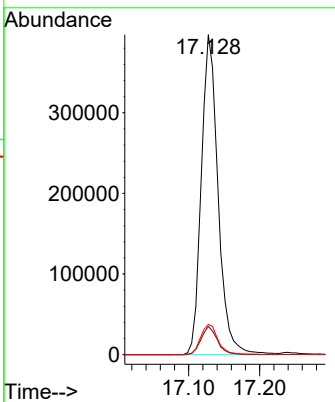
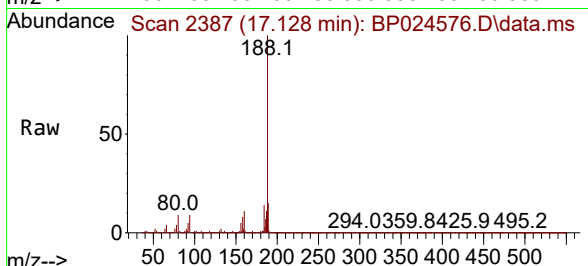




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.128 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP024576.D
Acq: 08 May 2025 20:19

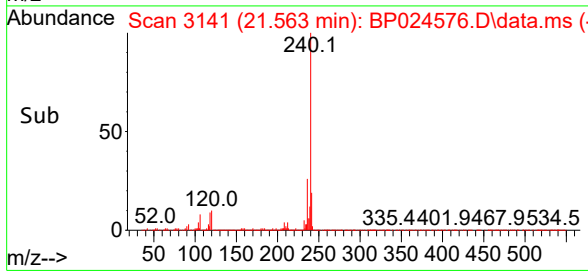
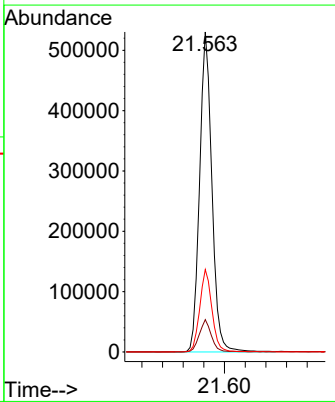
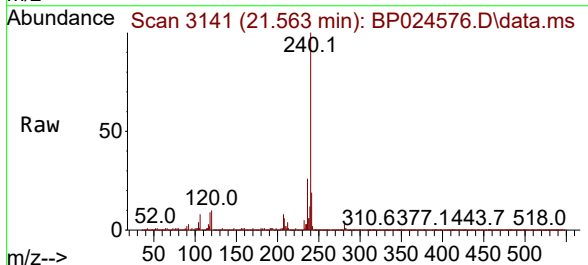
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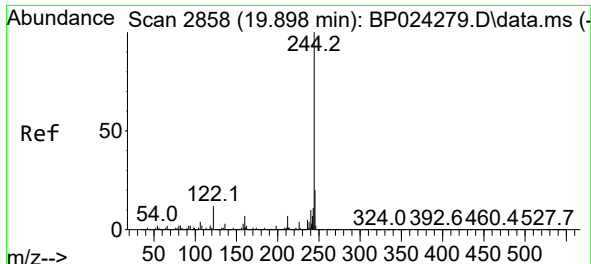
Tgt Ion:	188	Resp:	652129
Ion Ratio	100	Lower	Upper
188	100		
94	8.8	8.6	13.0
80	9.4	9.8	14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3141
Delta R.T. -0.029 min
Lab File: BP024576.D
Acq: 08 May 2025 20:19

Tgt Ion:	240	Resp:	874449
Ion Ratio	100	Lower	Upper
240	100		
120	10.1	9.8	14.8
236	25.7	20.9	31.3

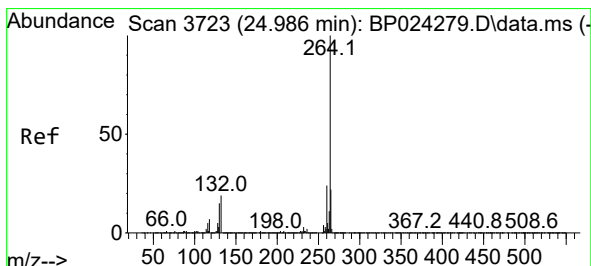
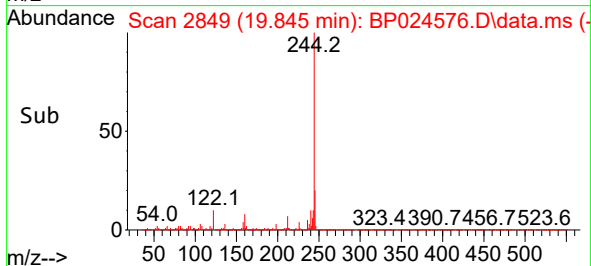
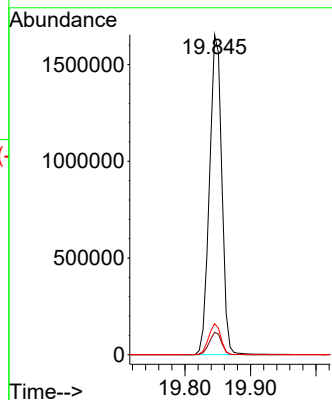
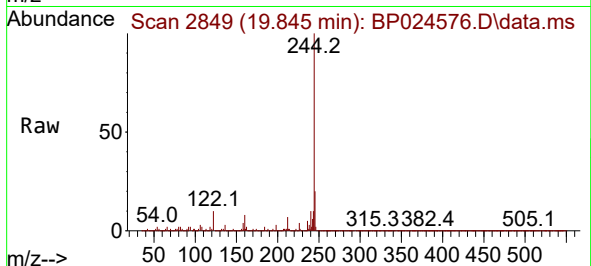




#79
 Terphenyl-d14
 Concen: 49.900 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BP024576.D
 Acq: 08 May 2025 20:19

Instrument :
 BNA_P
 ClientSampleId :
 SUB-WC-2

Tgt Ion:244 Resp: 2164813
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 9.7 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.886 min Scan# 3706
 Delta R.T. -0.047 min
 Lab File: BP024576.D
 Acq: 08 May 2025 20:19

Tgt Ion:264 Resp: 1076930
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 22.1 17.8 26.6

