

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041525\
 Data File : BP024289.D
 Acq On : 15 Apr 2025 11:17
 Operator : RC/JU
 Sample : PB167547TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167547TB

Quant Time: Apr 15 12:32:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	234117	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	920831	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	545482	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1054773	20.000	ng	-0.02
76) Chrysene-d12	21.616	240	1124175	20.000	ng	0.00
86) Perylene-d12	24.998	264	1258213	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1968234	139.007	ng	0.00
7) Phenol-d6	6.911	99	2456215	126.687	ng	0.00
23) Nitrobenzene-d5	8.875	82	1517082	93.943	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	961753	127.435	ng	-0.01
45) 2-Fluorobiphenyl	12.975	172	3218125	90.329	ng	0.00
79) Terphenyl-d14	19.898	244	4992671	89.518	ng	-0.02

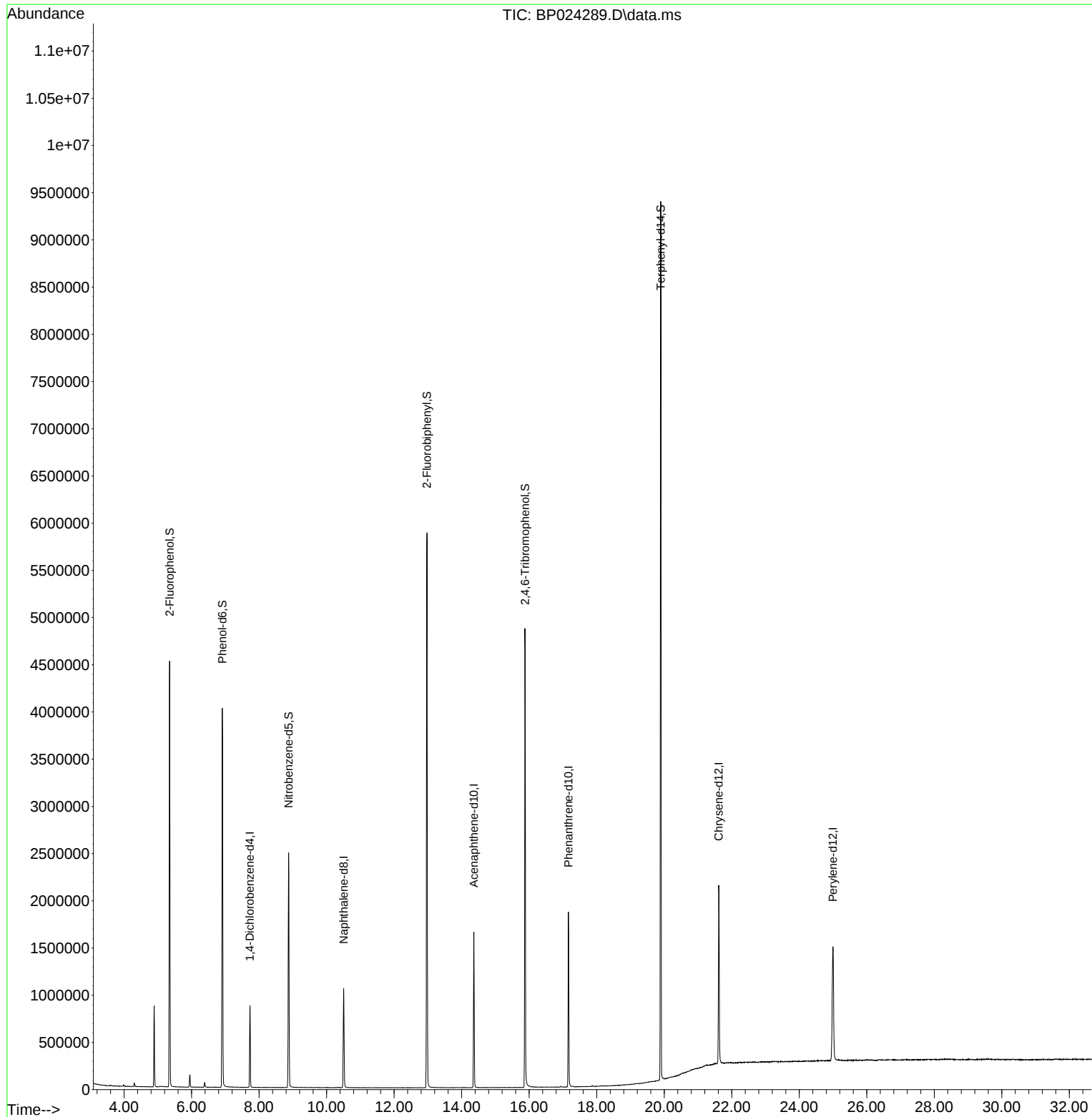
Target Compounds	Qvalue

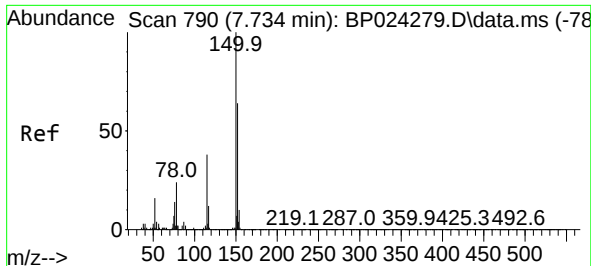
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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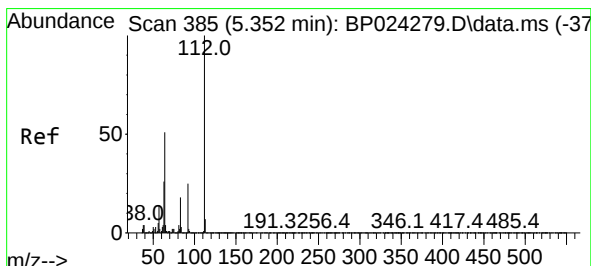
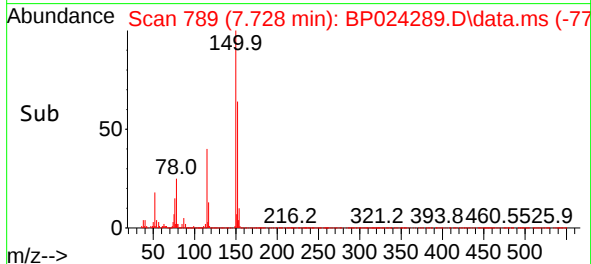
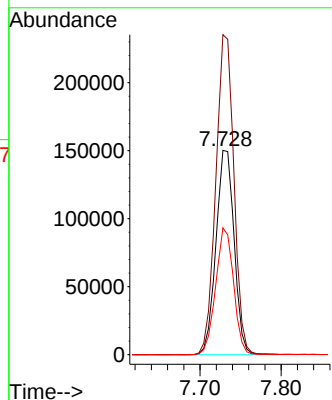
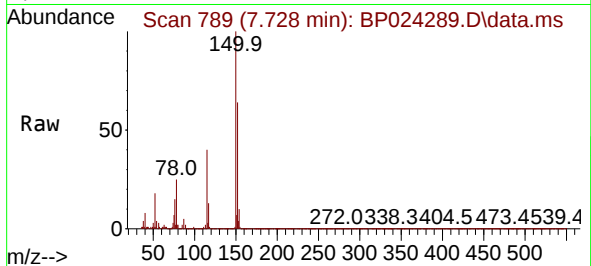




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.728 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: BP024289.D
 Acq: 15 Apr 2025 11:17

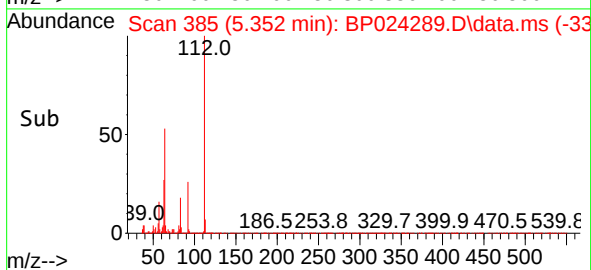
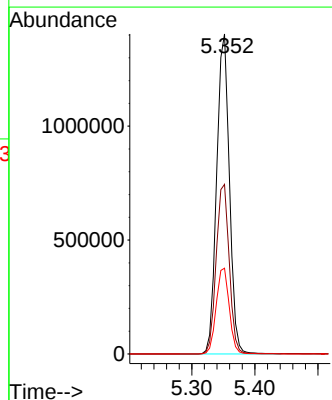
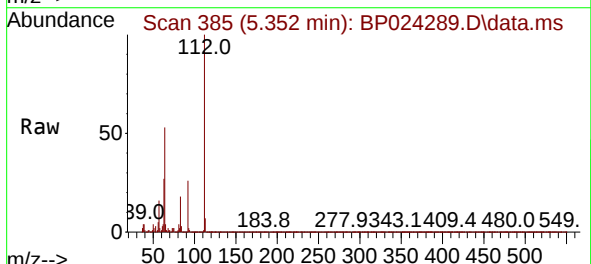
Instrument :
 BNA_P
 ClientSampleId :
 PB167547TB

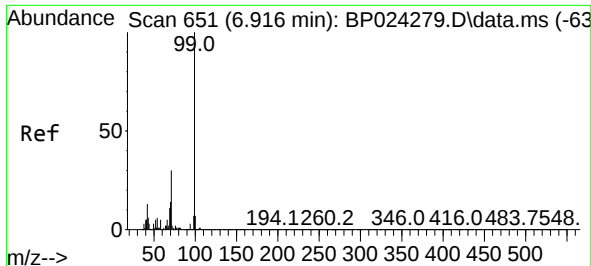
Tgt Ion:152 Resp: 234117
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.9 187.3
 115 62.1 47.7 71.5



#5
 2-Fluorophenol
 Concen: 139.007 ng
 RT: 5.352 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: BP024289.D
 Acq: 15 Apr 2025 11:17

Tgt Ion:112 Resp: 1968234
 Ion Ratio Lower Upper
 112 100
 64 53.0 41.1 61.7
 63 26.8 20.6 30.8

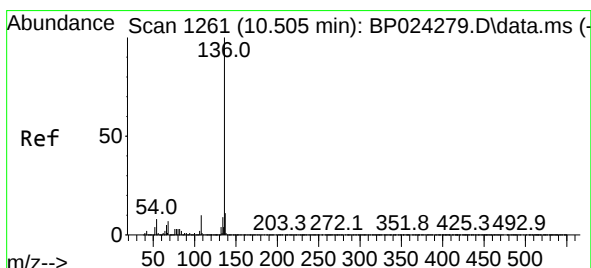
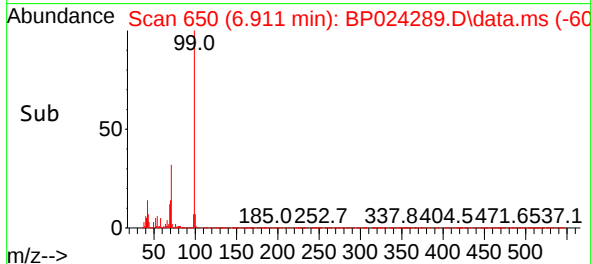
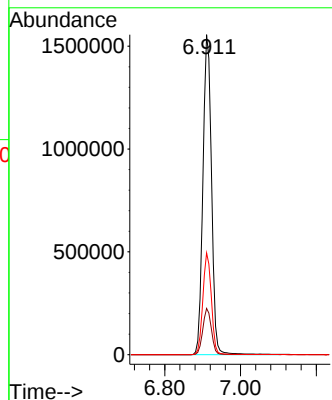
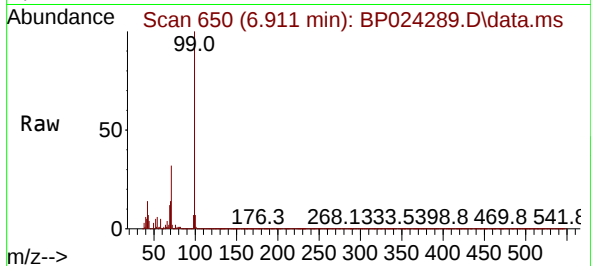




#7
Phenol-d6
Concen: 126.687 ng
RT: 6.911 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP024289.D
Acq: 15 Apr 2025 11:17

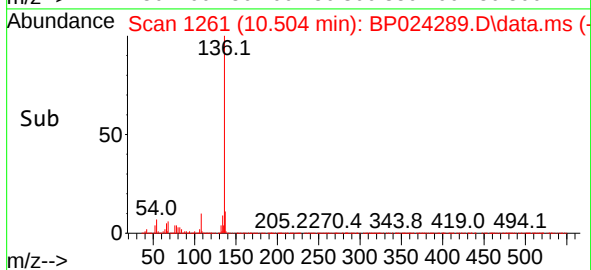
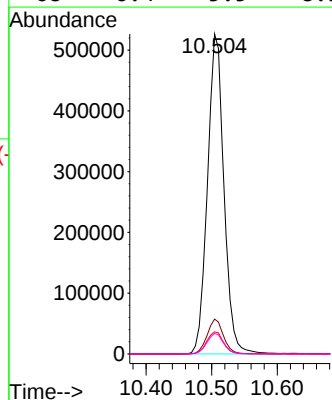
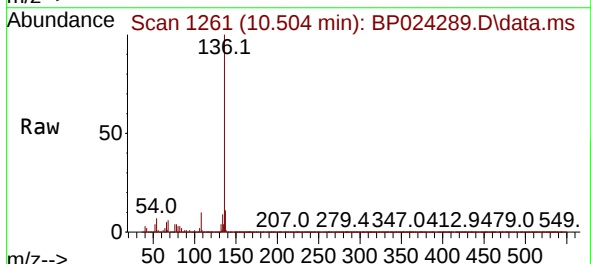
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BNA_P
ClientSampleId :
PB167547TB

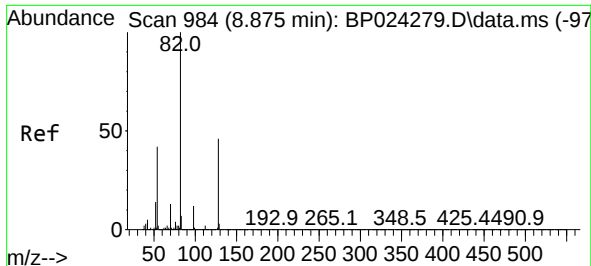
Tgt Ion: 99 Resp: 2456215
Ion Ratio Lower Upper
99 100
42 14.4 10.6 16.0
71 31.8 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP024289.D
Acq: 15 Apr 2025 11:17

Tgt Ion:136 Resp: 920831
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.9 6.0 9.0
68 6.4 5.5 8.3

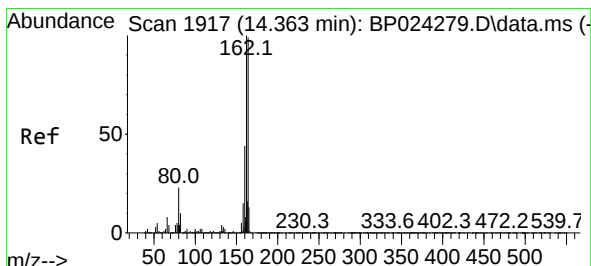
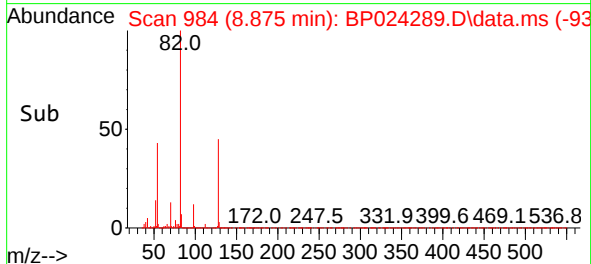
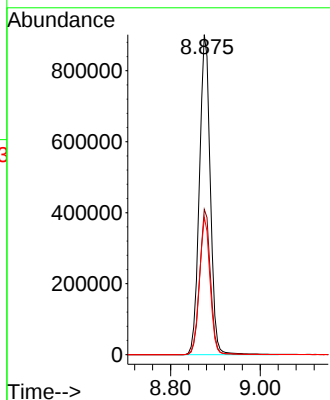
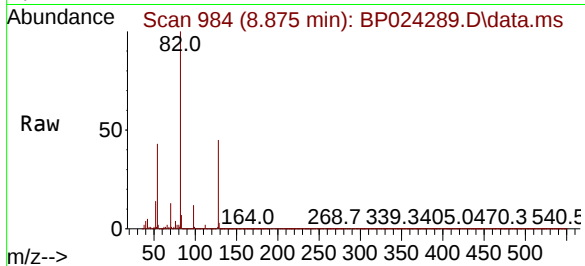




#23
Nitrobenzene-d5
Concen: 93.943 ng
RT: 8.875 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024289.D
Acq: 15 Apr 2025 11:17

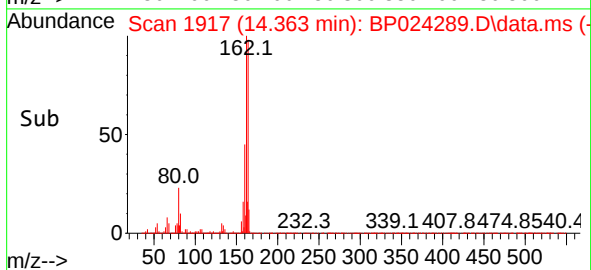
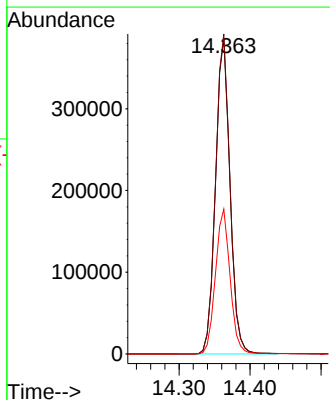
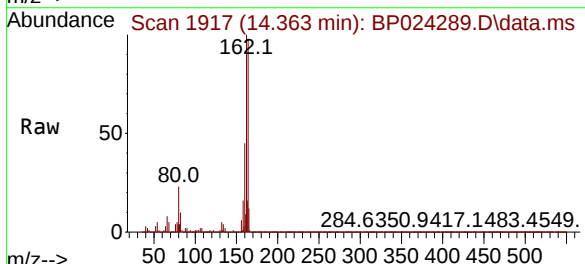
Instrument :
BNA_P
ClientSampleId :
PB167547TB

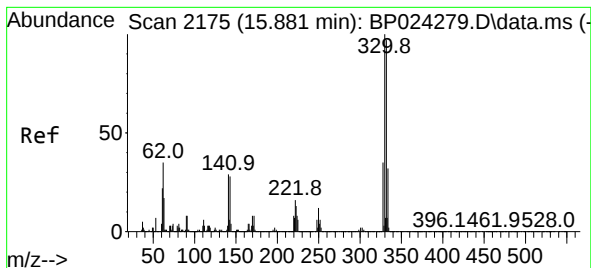
Tgt Ion: 82 Resp: 1517082
Ion Ratio Lower Upper
82 100
128 45.4 36.5 54.7
54 43.0 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP024289.D
Acq: 15 Apr 2025 11:17

Tgt Ion:164 Resp: 545482
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 45.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 127.435 ng

RT: 15.881 min Scan# 2175

Delta R.T. -0.012 min

Lab File: BP024289.D

Acq: 15 Apr 2025 11:17

Instrument :

BNA_P

ClientSampleId :

PB167547TB

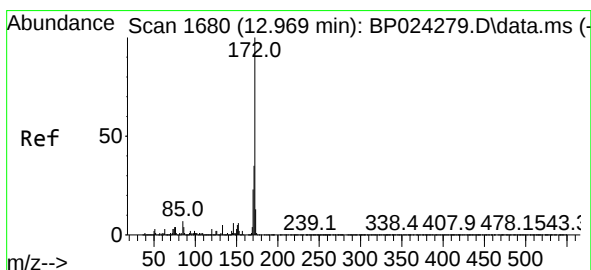
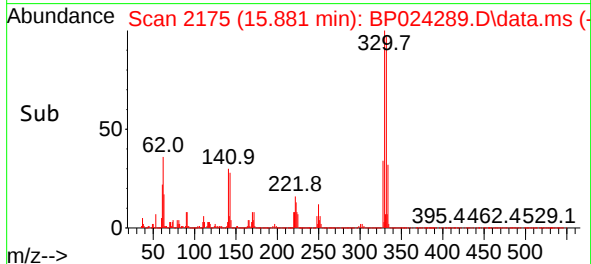
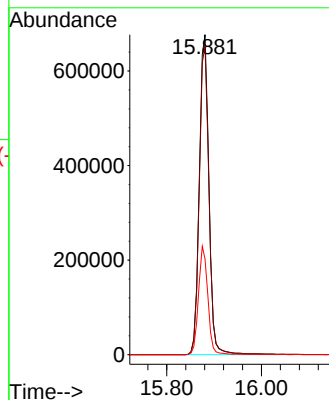
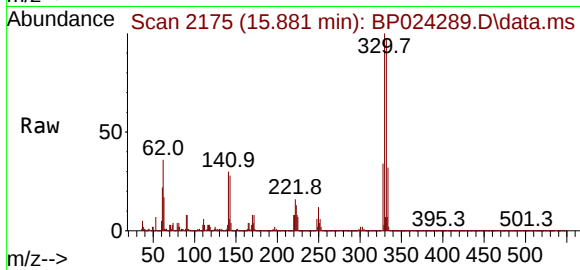
Tgt Ion:330 Resp: 961753

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 33.0 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 90.329 ng

RT: 12.975 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BP024289.D

Acq: 15 Apr 2025 11:17

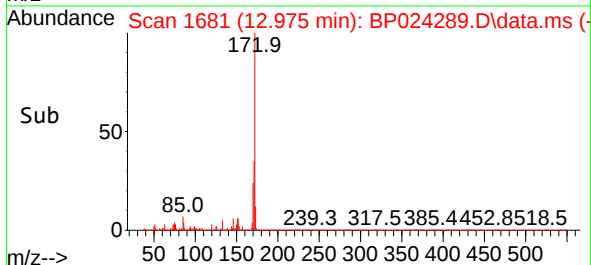
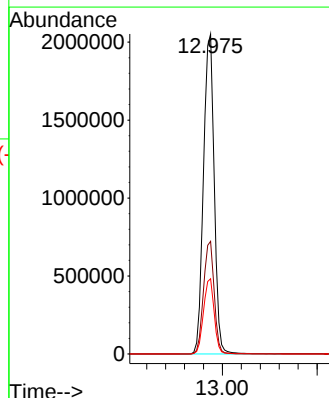
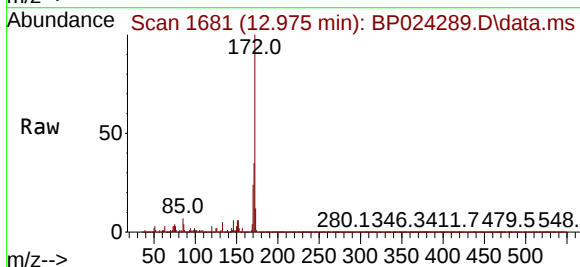
Tgt Ion:172 Resp: 3218125

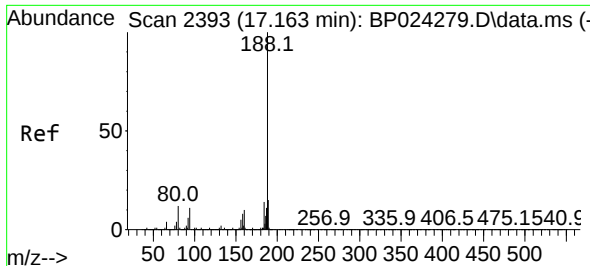
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.5 18.6 27.8

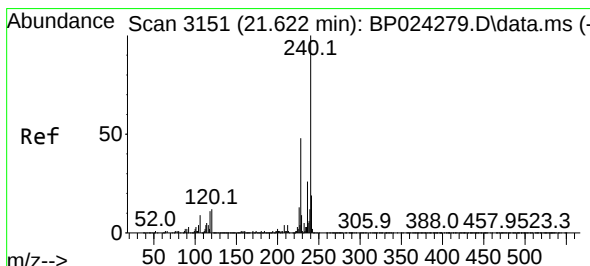
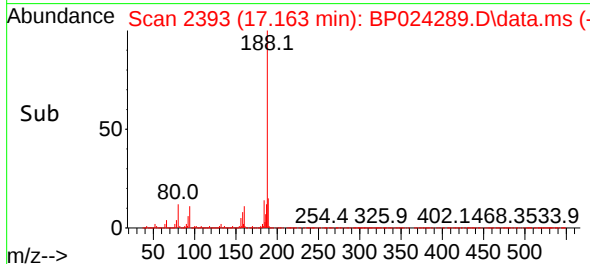
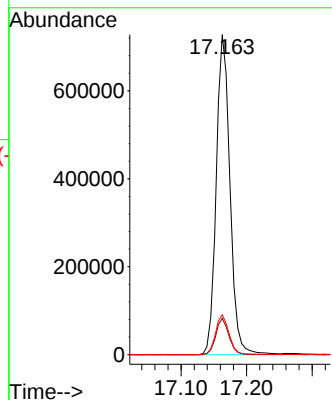
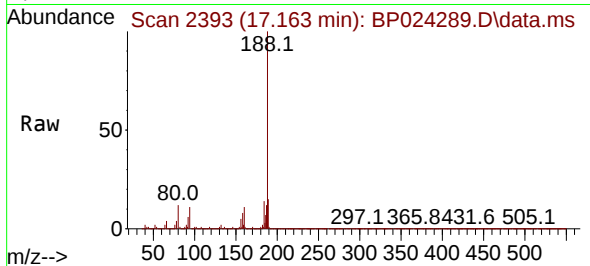




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024289.D
Acq: 15 Apr 2025 11:17

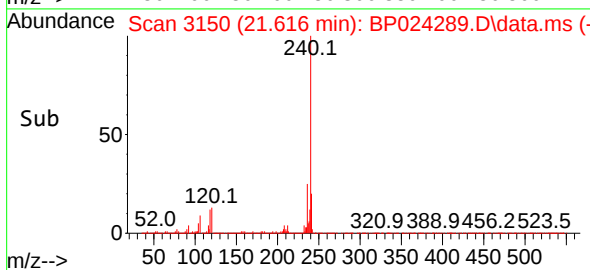
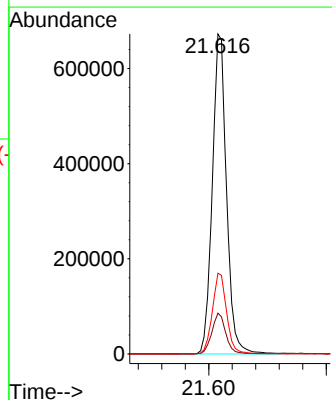
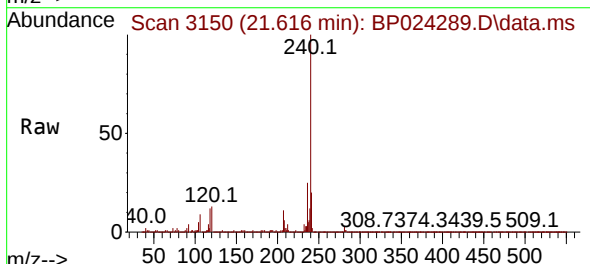
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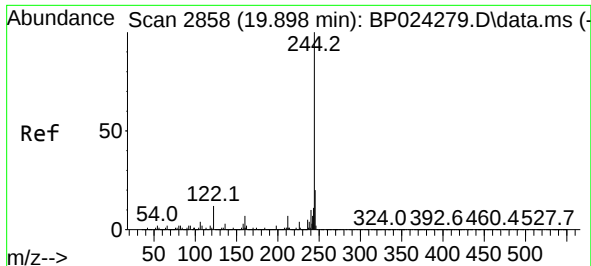
Tgt Ion:188 Resp: 1054773
Ion Ratio Lower Upper
188 100
94 11.3 8.6 13.0
80 12.4 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024289.D
Acq: 15 Apr 2025 11:17

Tgt Ion:240 Resp: 1124175
Ion Ratio Lower Upper
240 100
120 12.7 9.8 14.8
236 25.3 20.9 31.3

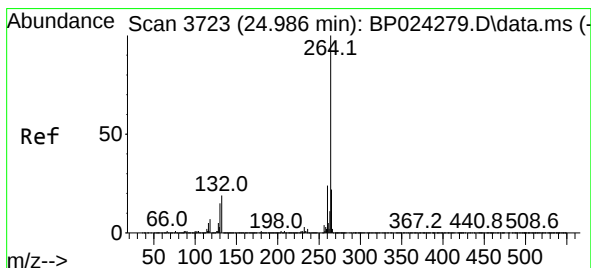
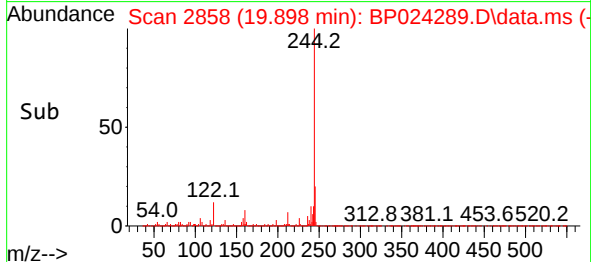
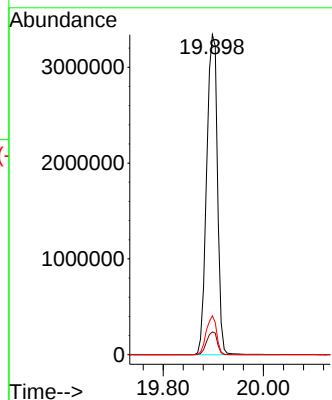
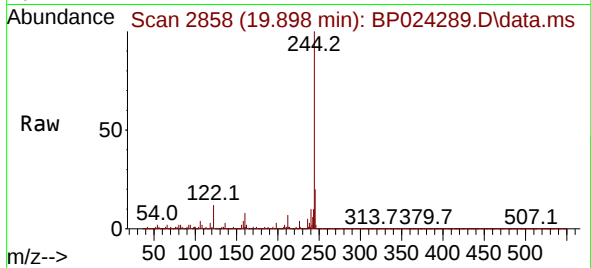




#79
 Terphenyl-d14
 Concen: 89.518 ng
 RT: 19.898 min Scan# 2858
 Delta R.T. -0.023 min
 Lab File: BP024289.D
 Acq: 15 Apr 2025 11:17

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:244 Resp: 4992671
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 12.1 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.998 min Scan# 3725
 Delta R.T. 0.012 min
 Lab File: BP024289.D
 Acq: 15 Apr 2025 11:17

Tgt Ion:264 Resp: 1258213
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.9 17.8 26.6

