

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041525\
 Data File : BP024292.D
 Acq On : 15 Apr 2025 13:24
 Operator : RC/JU
 Sample : Q1771-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3A

Quant Time: Apr 15 13:47:41 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	280423	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	1071729	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	592790	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1066312	20.000	ng	-0.02
76) Chrysene-d12	21.616	240	1086988	20.000	ng	0.00
86) Perylene-d12	24.980	264	1214196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2139680	126.162	ng	0.00
7) Phenol-d6	6.916	99	2516342	108.357	ng	0.00
23) Nitrobenzene-d5	8.875	82	1756393	93.449	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1030530	125.650	ng	-0.02
45) 2-Fluorobiphenyl	12.975	172	3432454	88.656	ng	0.00
79) Terphenyl-d14	19.892	244	4909284	91.034	ng	-0.03

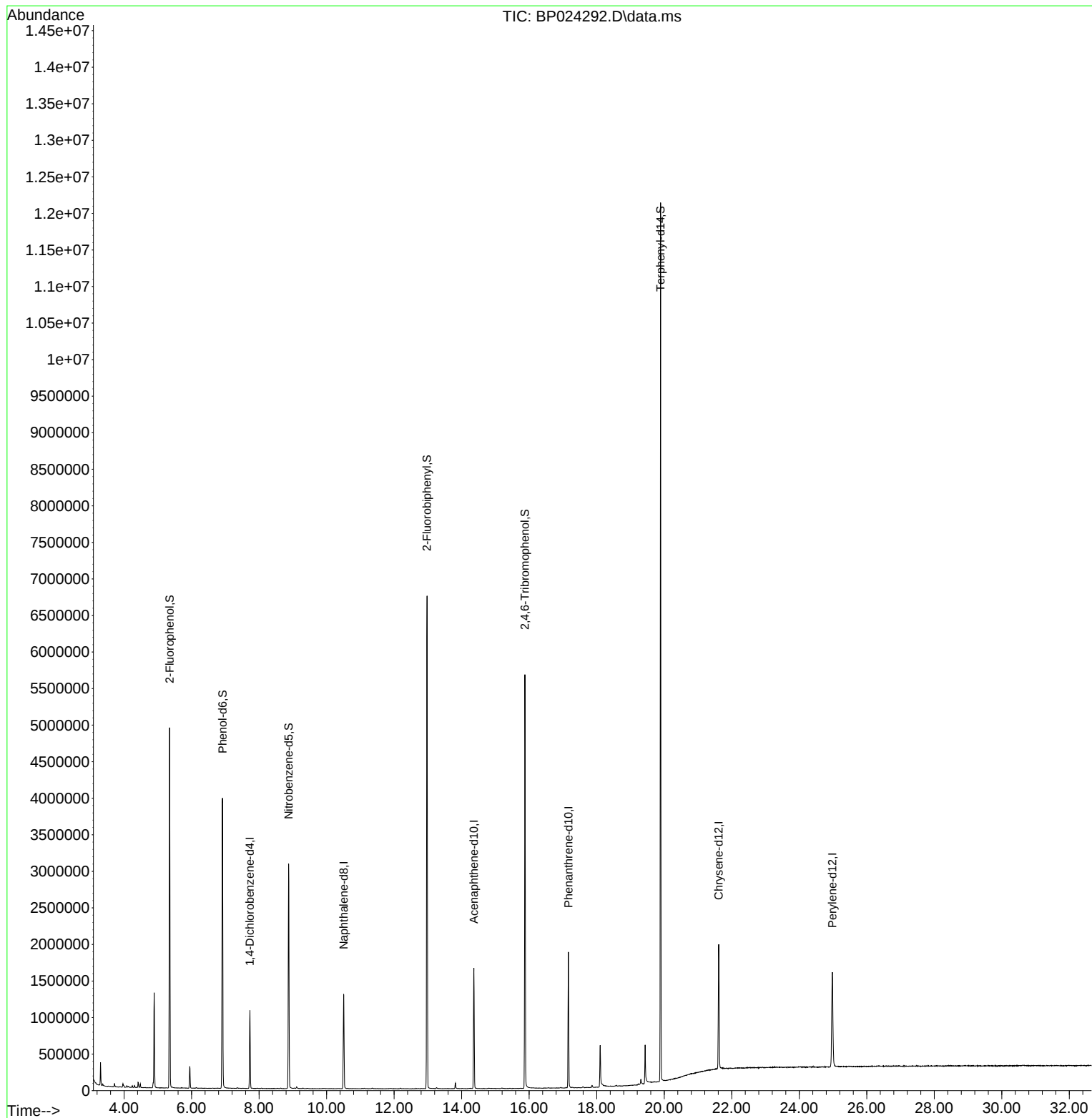
Target Compounds	Qvalue

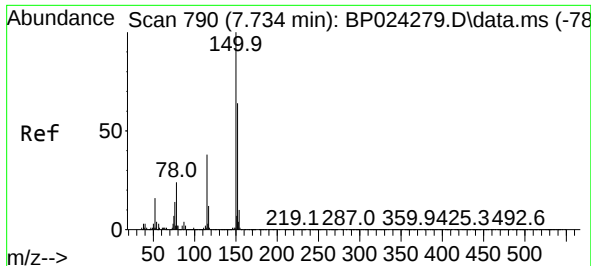
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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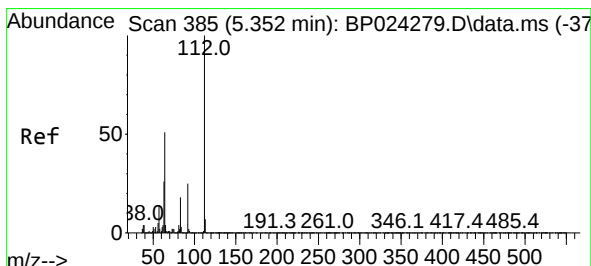
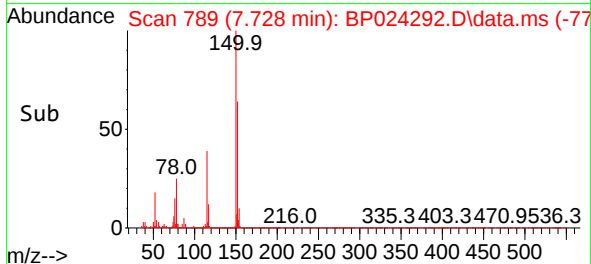
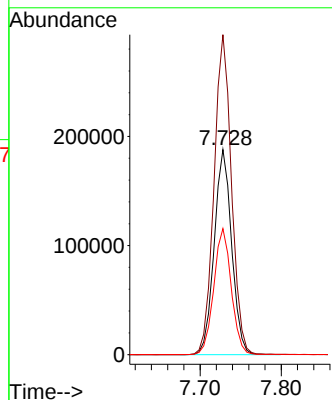
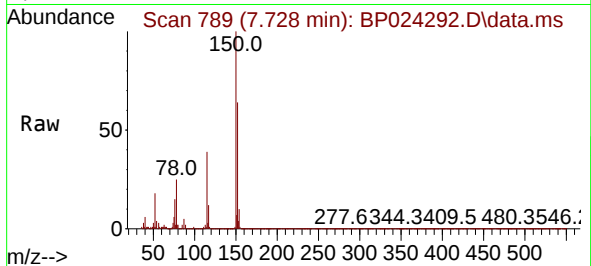




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.728 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BP024292.D
 Acq: 15 Apr 2025 13:24

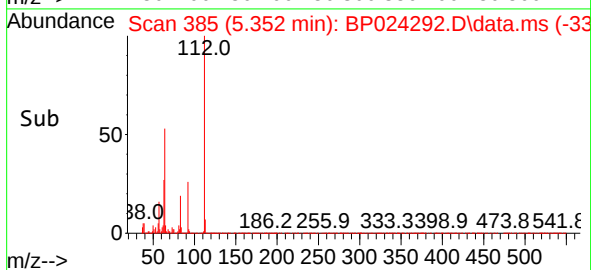
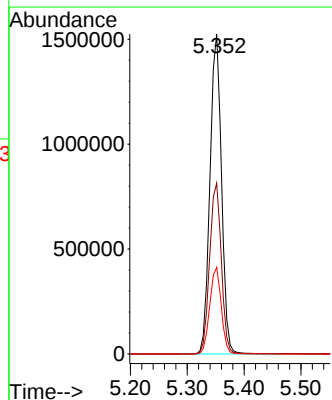
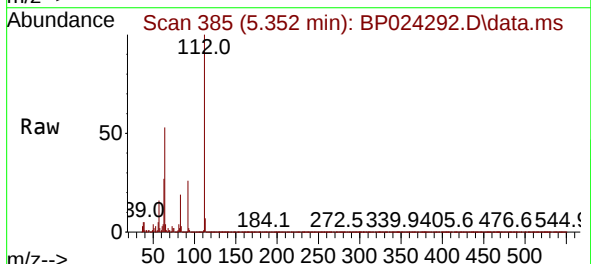
Instrument :
 BNA_P
 ClientSampleId :
 TP-3A

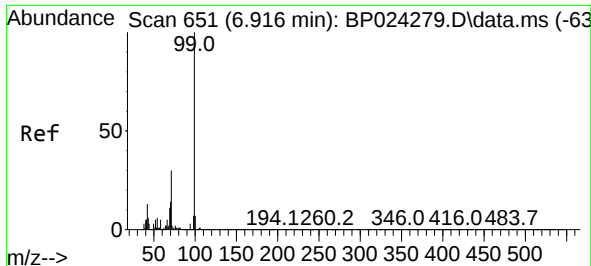
Tgt Ion:152 Resp: 280423
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.9 187.3
 115 61.4 47.7 71.5



#5
 2-Fluorophenol
 Concen: 126.162 ng
 RT: 5.352 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: BP024292.D
 Acq: 15 Apr 2025 13:24

Tgt Ion:112 Resp: 2139680
 Ion Ratio Lower Upper
 112 100
 64 53.4 41.1 61.7
 63 27.1 20.6 30.8



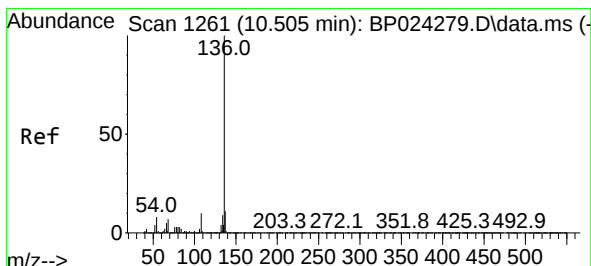
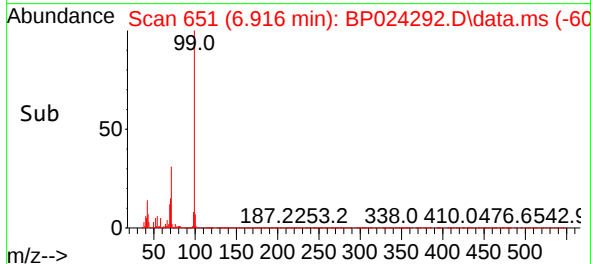
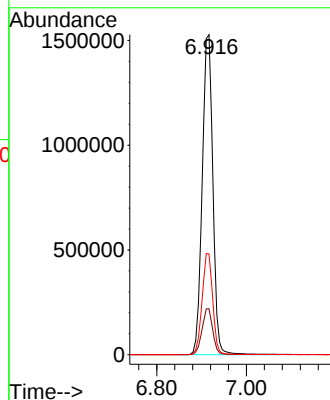
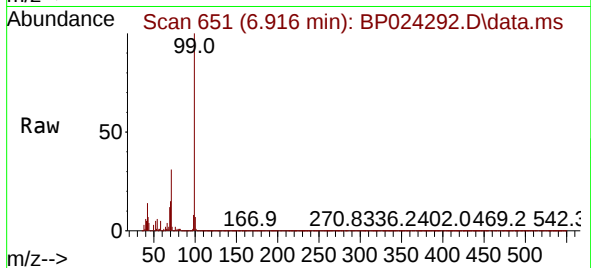


#7
Phenol-d6
Concen: 108.357 ng
RT: 6.916 min Scan# 651
Delta R.T. 0.000 min
Lab File: BP024292.D
Acq: 15 Apr 2025 13:24

Instrument :
BNA_P
ClientSampleId :
TP-3A

Tgt Ion: 99 Resp: 2516342

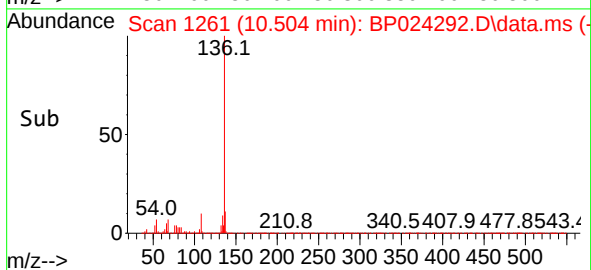
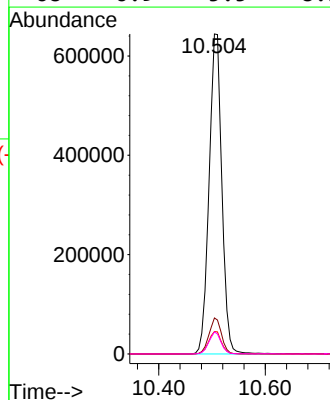
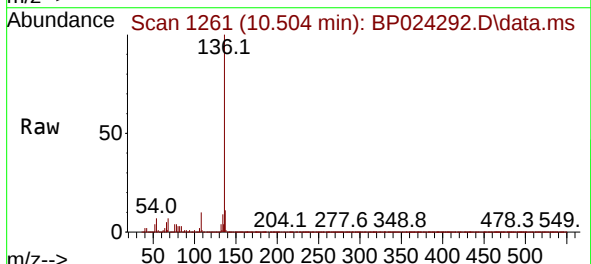
Ion	Ratio	Lower	Upper
99	100		
42	14.3	10.6	16.0
71	31.5	23.7	35.5

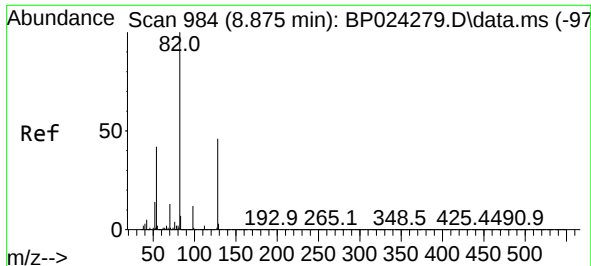


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP024292.D
Acq: 15 Apr 2025 13:24

Tgt Ion:136 Resp: 1071729

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	7.0	6.0	9.0
68	6.9	5.5	8.3

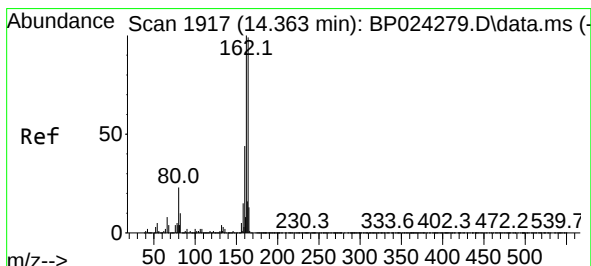
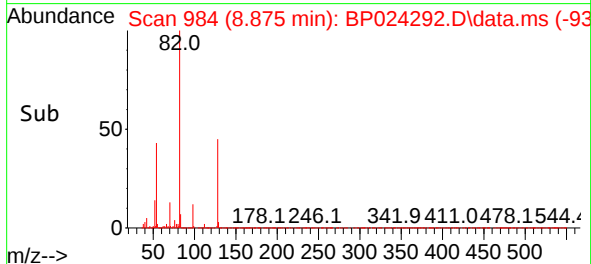
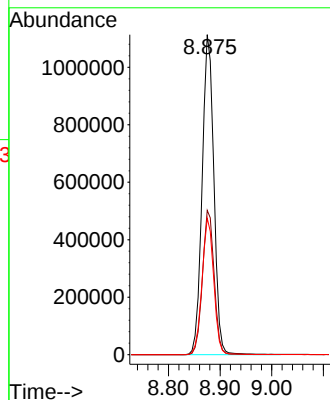
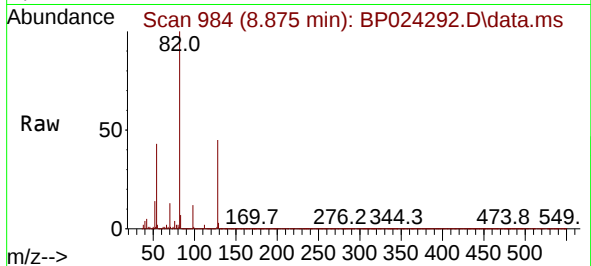




#23
Nitrobenzene-d5
Concen: 93.449 ng
RT: 8.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP024292.D
Acq: 15 Apr 2025 13:24

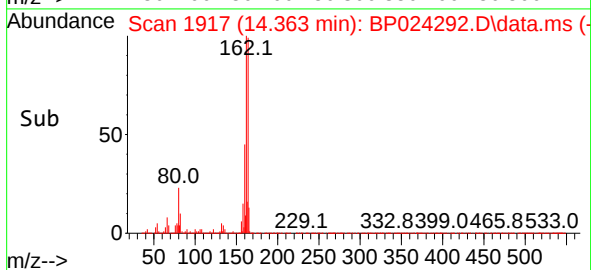
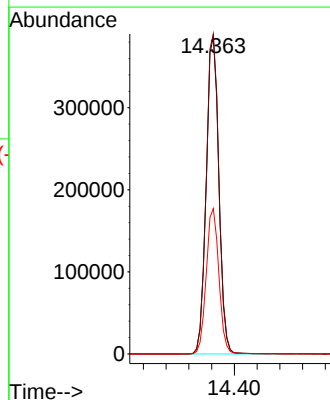
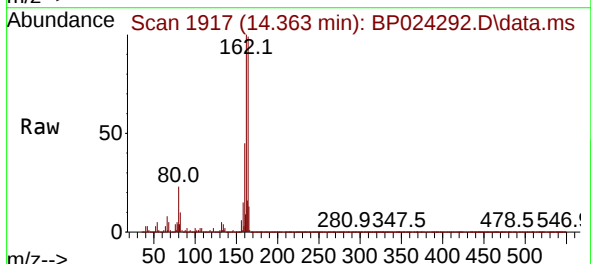
Instrument :
BNA_P
ClientSampleId :
TP-3A

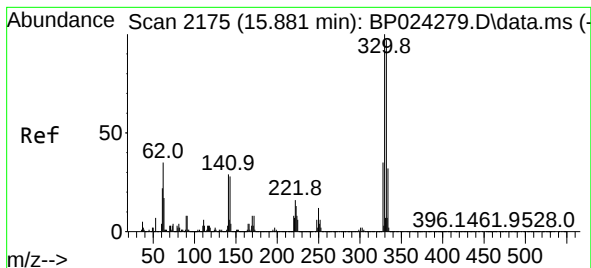
Tgt Ion: 82 Resp: 1756393
Ion Ratio Lower Upper
82 100
128 45.1 36.5 54.7
54 42.6 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP024292.D
Acq: 15 Apr 2025 13:24

Tgt Ion: 164 Resp: 592790
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 45.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 125.650 ng

RT: 15.875 min Scan# 2174

Delta R.T. -0.018 min

Lab File: BP024292.D

Acq: 15 Apr 2025 13:24

Instrument :

BNA_P

ClientSampleId :

TP-3A

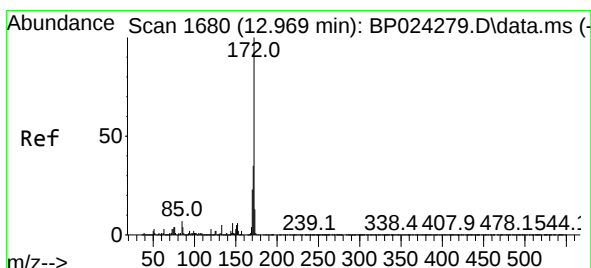
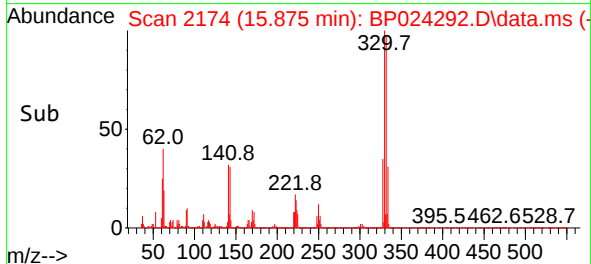
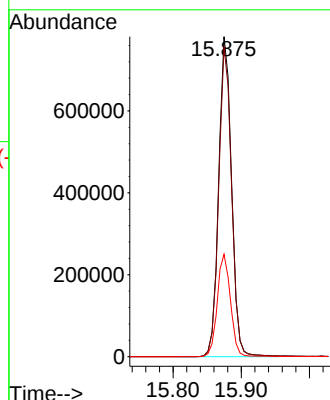
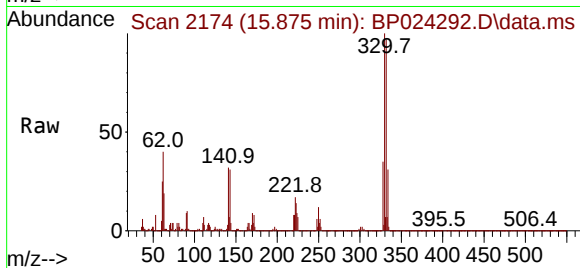
Tgt Ion:330 Resp: 1030530

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 32.8 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 88.656 ng

RT: 12.975 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BP024292.D

Acq: 15 Apr 2025 13:24

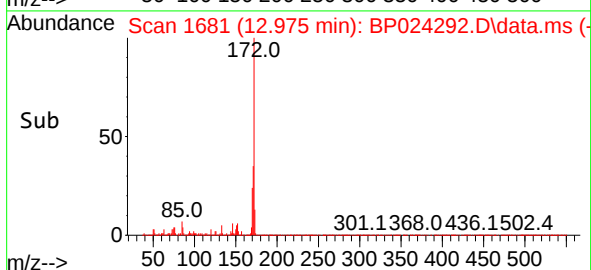
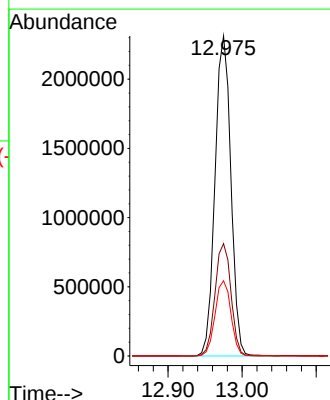
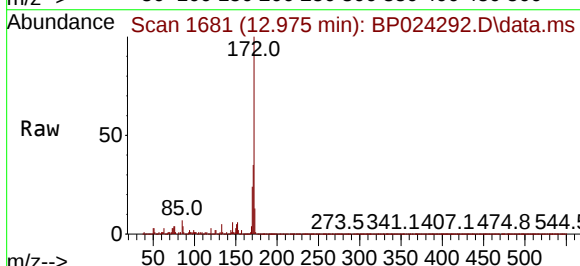
Tgt Ion:172 Resp: 3432454

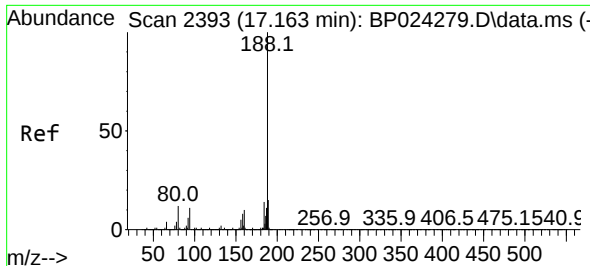
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.5 18.6 27.8

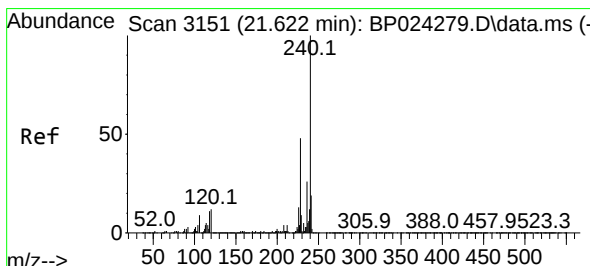
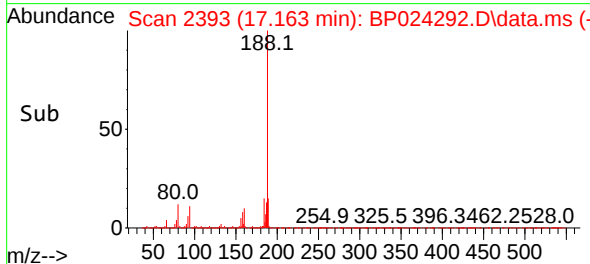
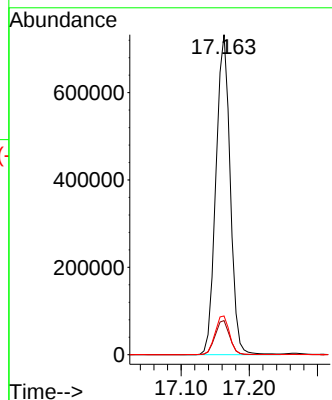
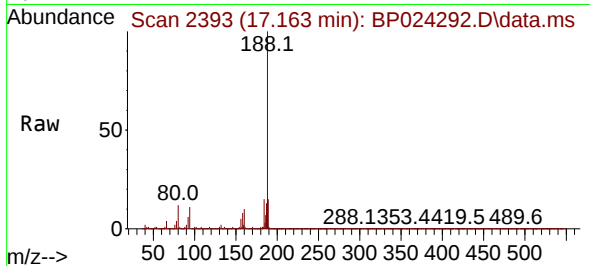




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024292.D
Acq: 15 Apr 2025 13:24

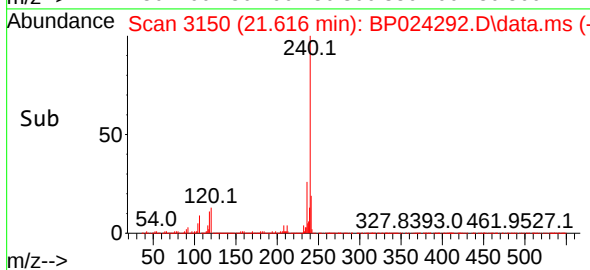
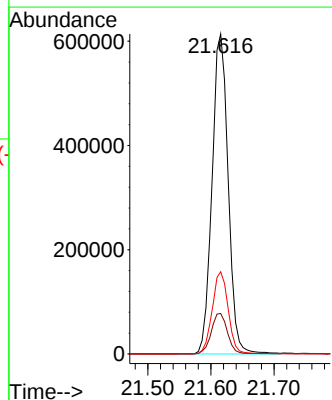
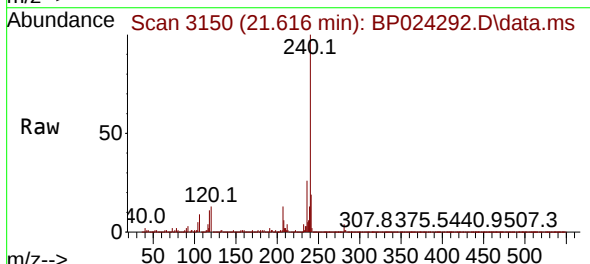
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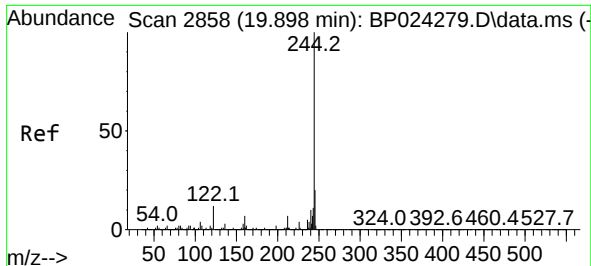
Tgt Ion:188 Resp: 1066312
Ion Ratio Lower Upper
188 100
94 10.6 8.6 13.0
80 12.1 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024292.D
Acq: 15 Apr 2025 13:24

Tgt Ion:240 Resp: 1086988
Ion Ratio Lower Upper
240 100
120 12.6 9.8 14.8
236 25.7 20.9 31.3

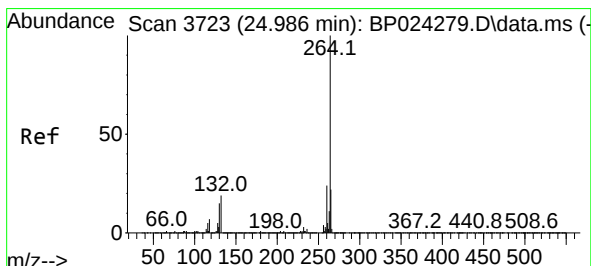
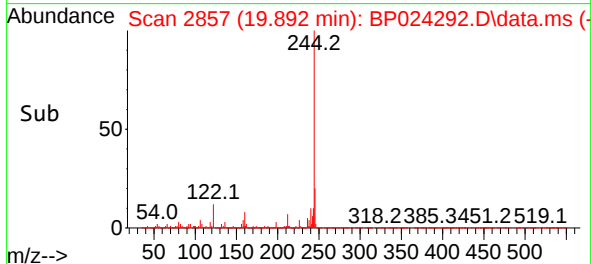
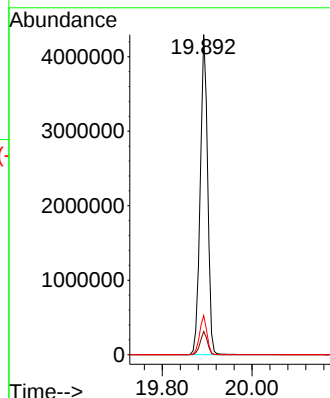
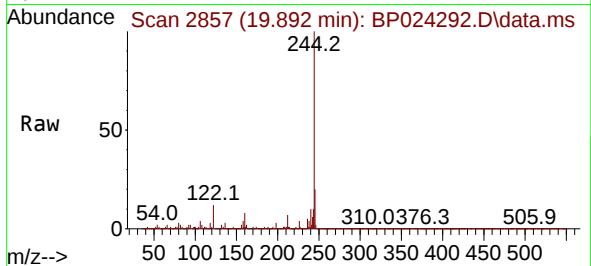




#79
 Terphenyl-d14
 Concen: 91.034 ng
 RT: 19.892 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BP024292.D
 Acq: 15 Apr 2025 13:24

Instrument :
 BNA_P
 ClientSampleId :
 TP-3A

Tgt Ion:244 Resp: 4909284
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 12.2 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.980 min Scan# 3722
 Delta R.T. -0.006 min
 Lab File: BP024292.D
 Acq: 15 Apr 2025 13:24

Tgt Ion:264 Resp: 1214196
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 22.3 17.8 26.6

