

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024525.D
 Acq On : 05 May 2025 14:43
 Operator : RC/JU
 Sample : Q1883-05RX
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-PCS-TC-29-042325RX

Quant Time: May 05 15:17:21 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	151485	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	587533	20.000	ng	-0.02
39) Acenaphthene-d10	14.334	164	359059	20.000	ng	-0.02
64) Phenanthrene-d10	17.134	188	711468	20.000	ng	-0.01
76) Chrysene-d12	21.575	240	847758	20.000	ng	-0.02
86) Perylene-d12	24.921	264	1056124	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	478244	52.200	ng	-0.01
7) Phenol-d6	6.893	99	604593	48.194	ng	-0.02
23) Nitrobenzene-d5	8.858	82	369780	35.888	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	306321	61.662	ng	-0.01
45) 2-Fluorobiphenyl	12.946	172	855519	36.481	ng	-0.02
79) Terphenyl-d14	19.857	244	1532767	36.443	ng	-0.02

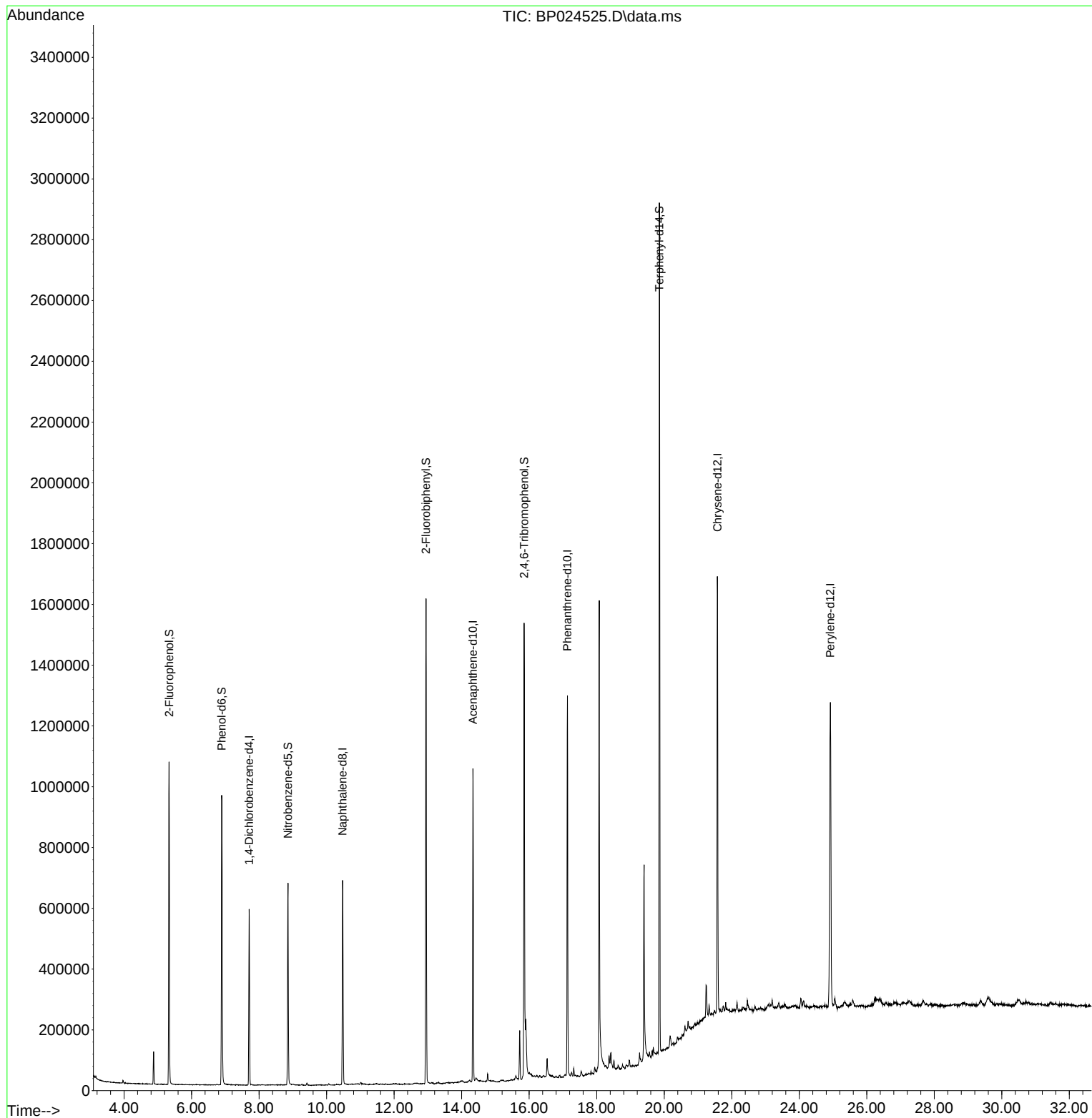
Target Compounds	Qvalue

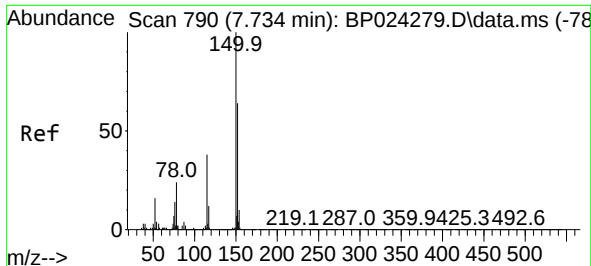
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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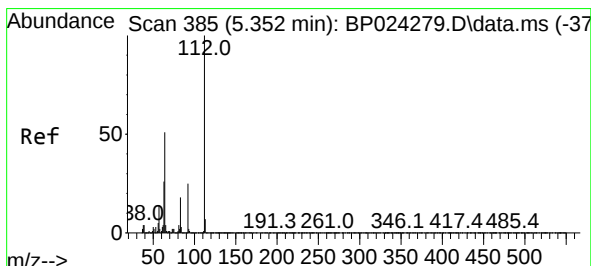
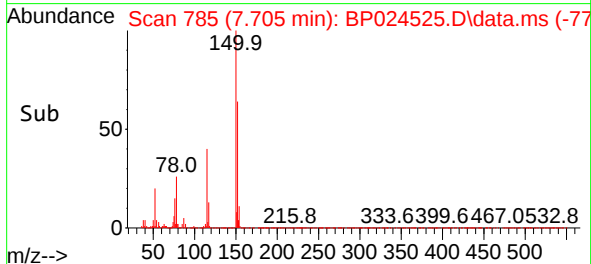
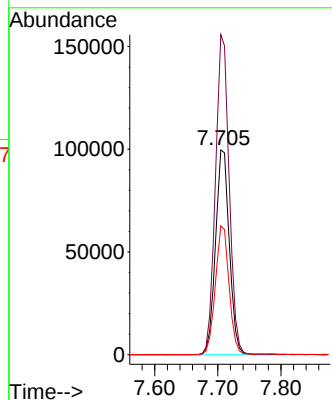
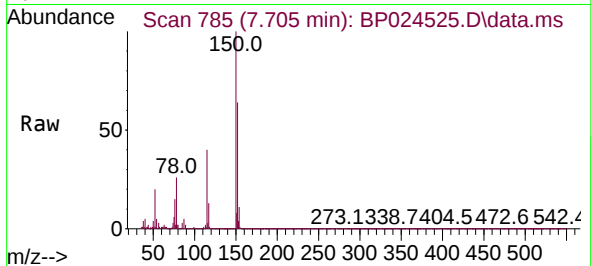




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024525.D
Acq: 05 May 2025 14:43

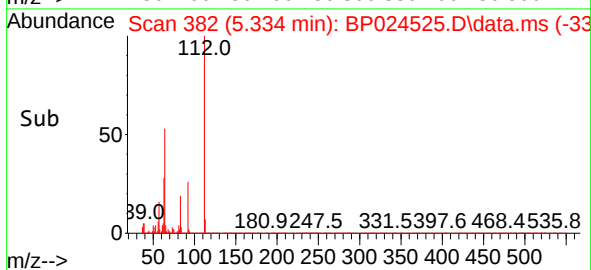
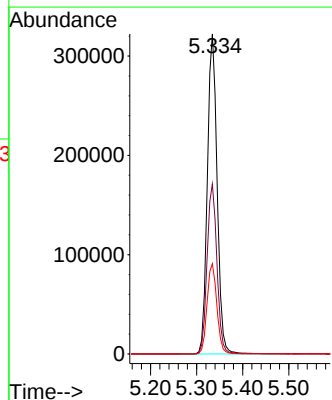
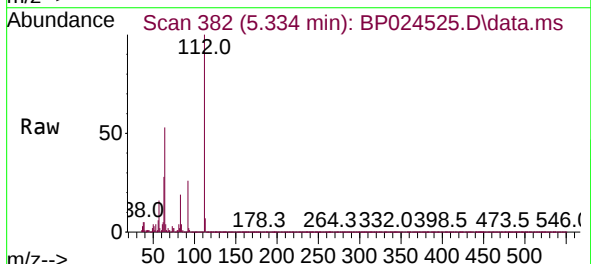
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-29-042325RX

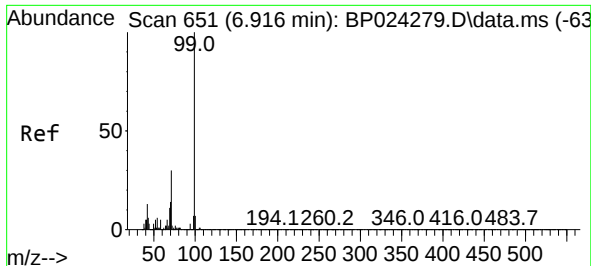
Tgt Ion:152 Resp: 151485
Ion Ratio Lower Upper
152 100
150 156.3 124.9 187.3
115 62.9 47.7 71.5



#5
2-Fluorophenol
Concen: 52.200 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024525.D
Acq: 05 May 2025 14:43

Tgt Ion:112 Resp: 478244
Ion Ratio Lower Upper
112 100
64 53.1 41.1 61.7
63 28.2 20.6 30.8

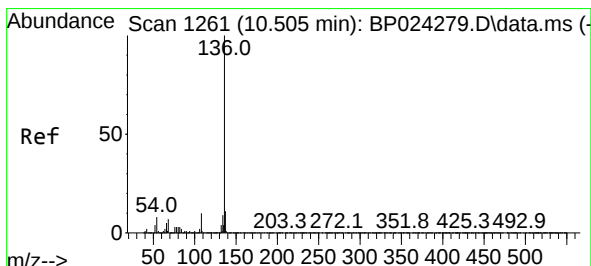
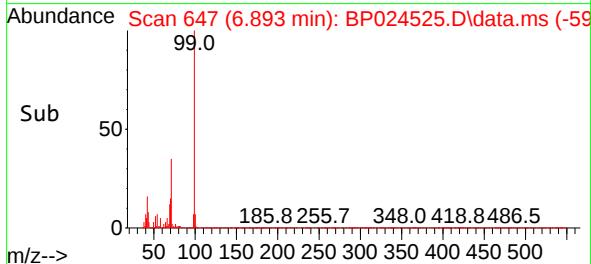
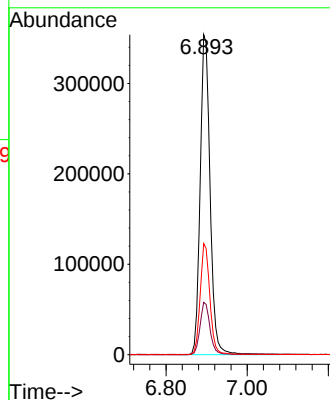
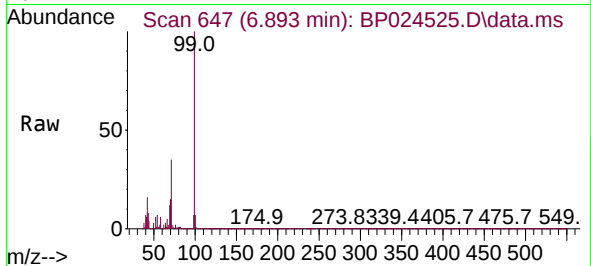




#7
Phenol-d6
Concen: 48.194 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.018 min
Lab File: BP024525.D
Acq: 05 May 2025 14:43

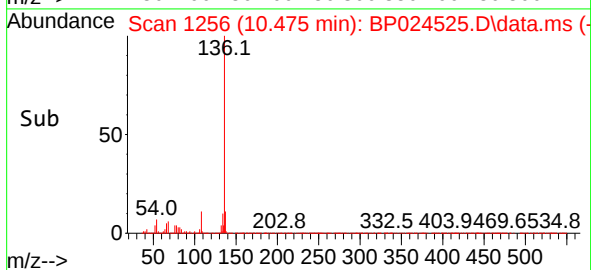
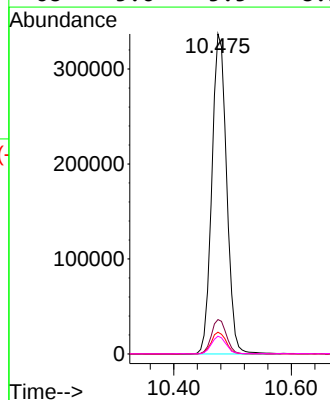
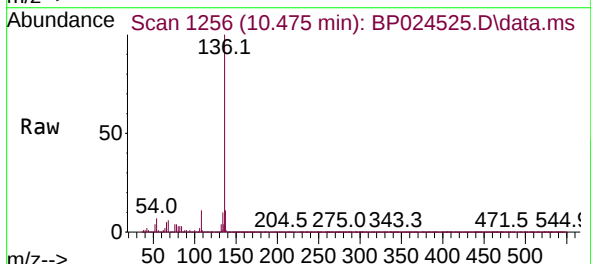
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-29-042325RX

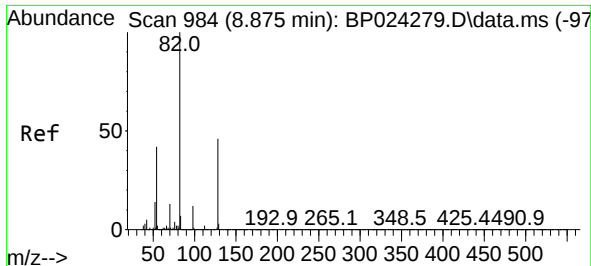
Tgt Ion: 99 Resp: 604593
Ion Ratio Lower Upper
99 100
42 16.3 10.6 16.0#
71 34.7 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.023 min
Lab File: BP024525.D
Acq: 05 May 2025 14:43

Tgt Ion: 136 Resp: 587533
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.8 6.0 9.0
68 5.6 5.5 8.3

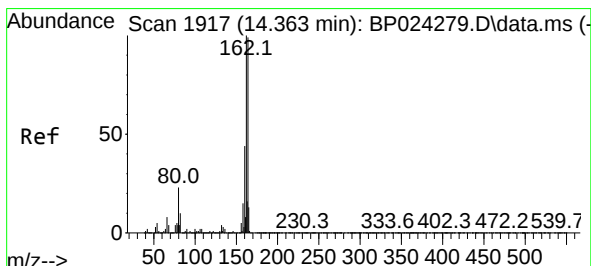
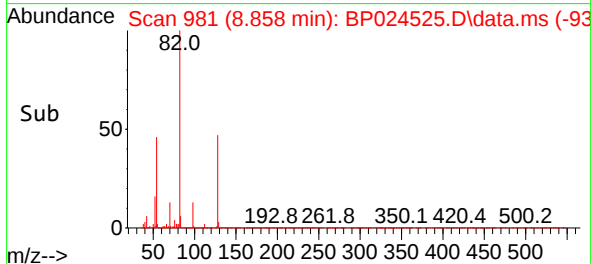
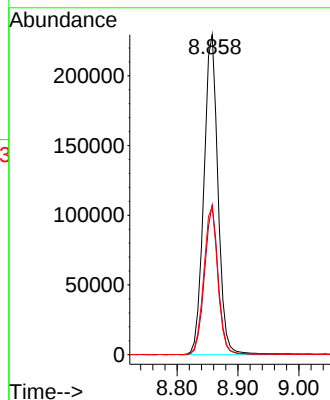
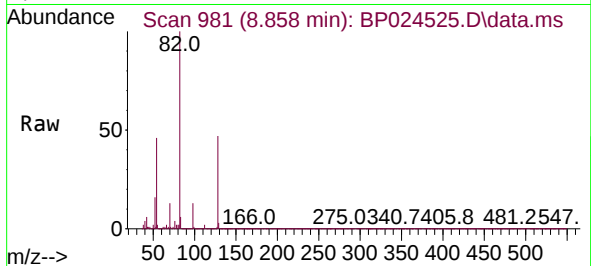




#23
Nitrobenzene-d5
Concen: 35.888 ng
RT: 8.858 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024525.D
Acq: 05 May 2025 14:43

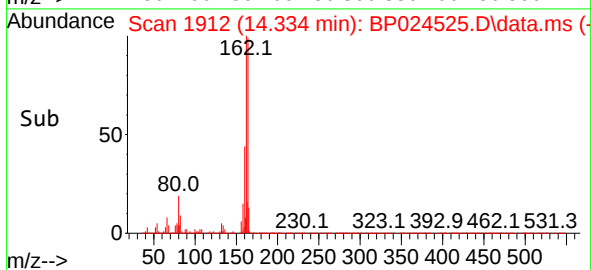
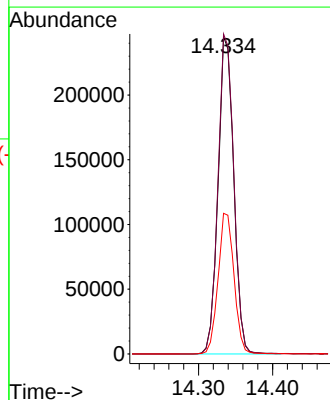
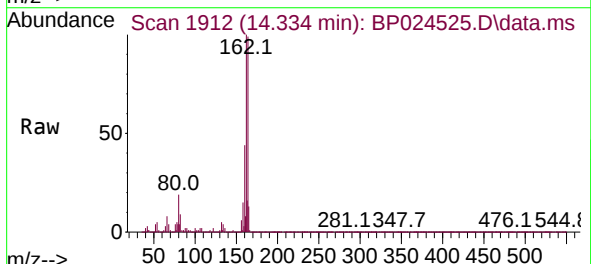
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-29-042325RX

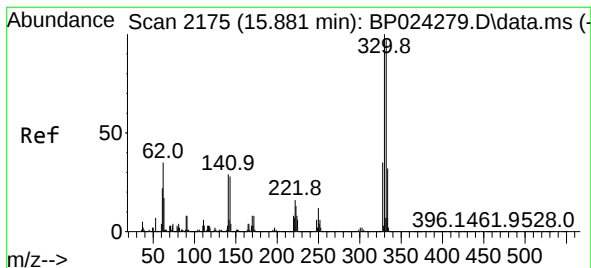
Tgt Ion: 82 Resp: 369780
Ion Ratio Lower Upper
82 100
128 46.7 36.5 54.7
54 46.3 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.017 min
Lab File: BP024525.D
Acq: 05 May 2025 14:43

Tgt Ion: 164 Resp: 359059
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 44.3 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 61.662 ng

RT: 15.851 min Scan# 2175

Delta R.T. -0.012 min

Lab File: BP024525.D

Acq: 05 May 2025 14:43

Instrument :

BNA_P

ClientSampleId :

OU4-PCS-TC-29-042325RX

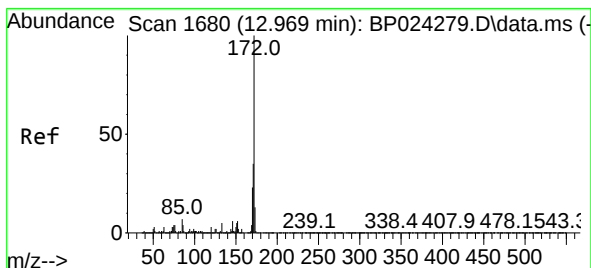
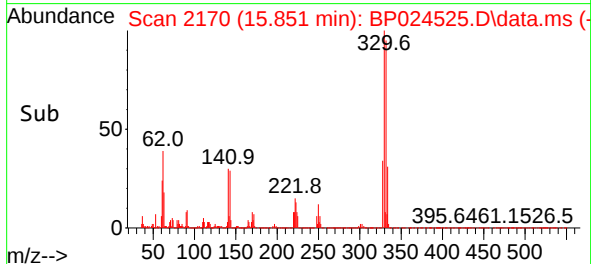
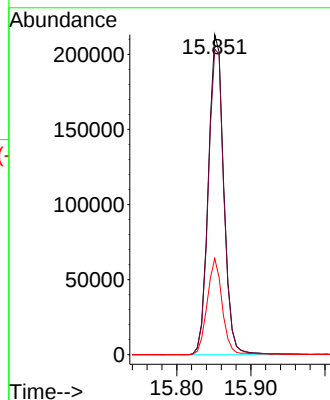
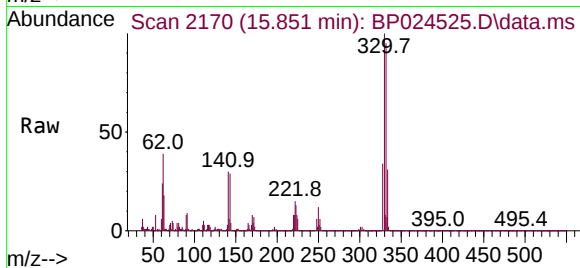
Tgt Ion:330 Resp: 306321

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 29.7 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 36.481 ng

RT: 12.946 min Scan# 1676

Delta R.T. -0.018 min

Lab File: BP024525.D

Acq: 05 May 2025 14:43

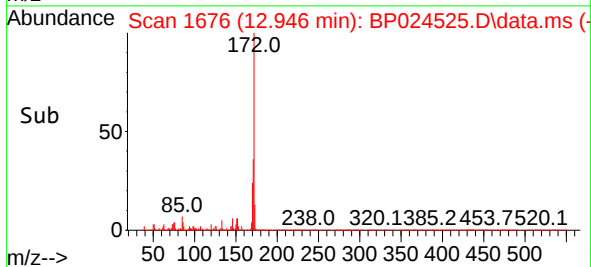
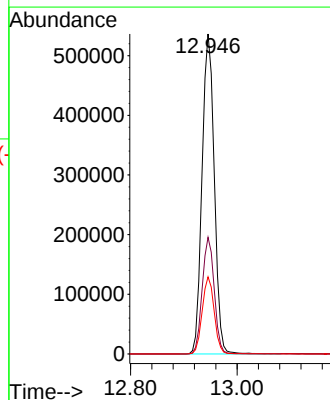
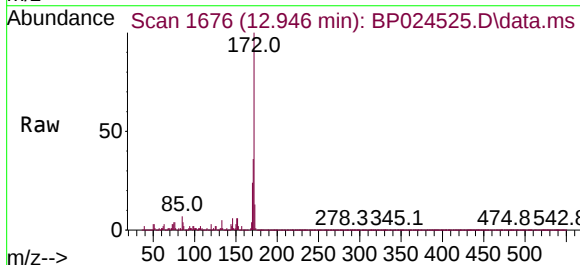
Tgt Ion:172 Resp: 855519

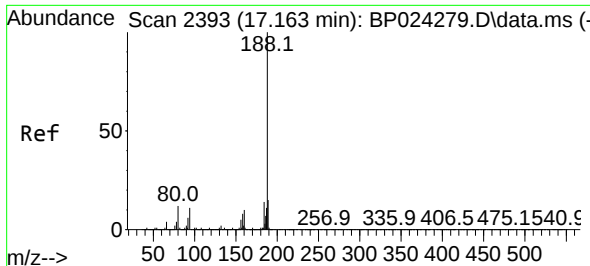
Ion Ratio Lower Upper

172 100

171 36.5 28.2 42.2

170 24.1 18.6 27.8

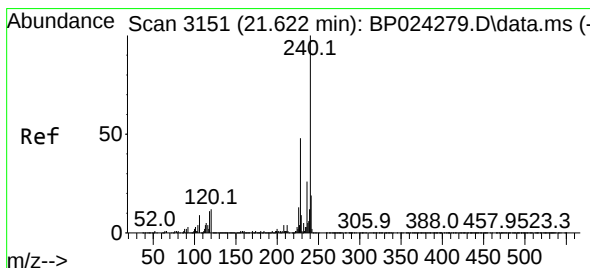
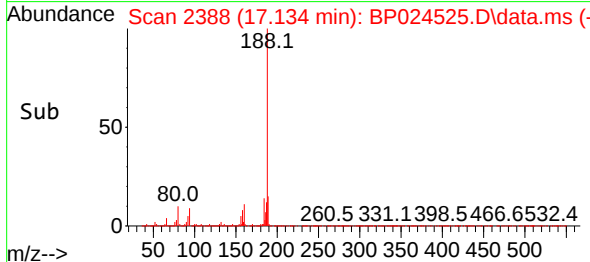
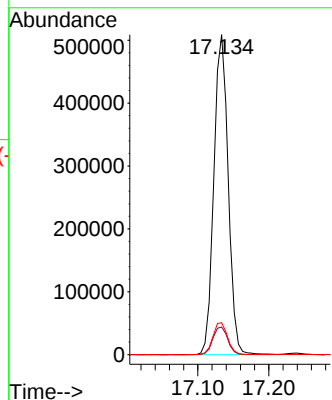
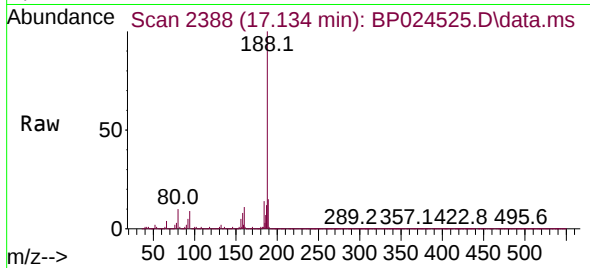




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.134 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024525.D
Acq: 05 May 2025 14:43

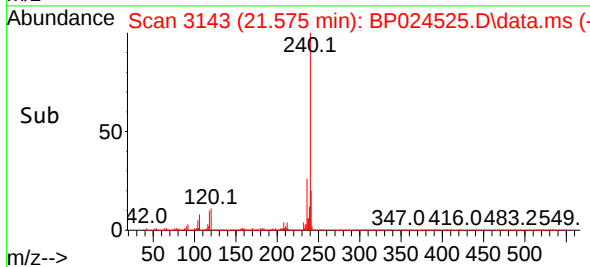
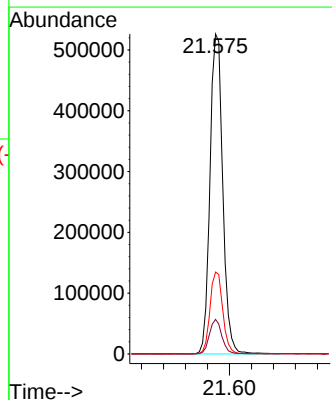
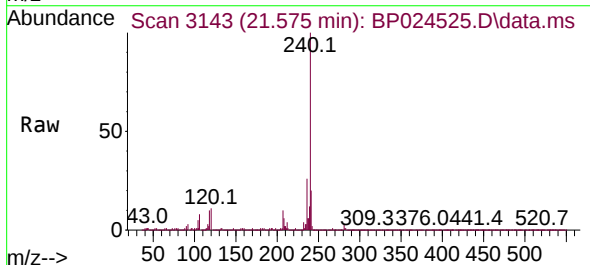
Instrument :
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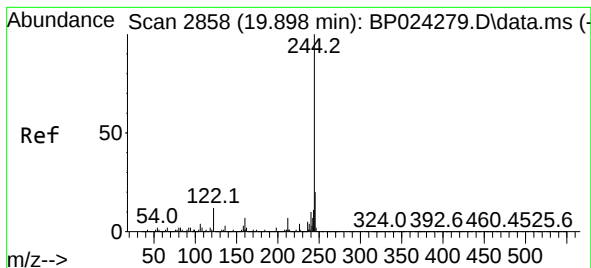
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.6	13.0
80	10.0	9.8	14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3143
Delta R.T. -0.017 min
Lab File: BP024525.D
Acq: 05 May 2025 14:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.8	14.8
236	25.6	20.9	31.3





#79

Terphenyl-d14

Concen: 36.443 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP024525.D

Acq: 05 May 2025 14:43

Instrument :

BNA_P

ClientSampleId :

OU4-PCS-TC-29-042325RX

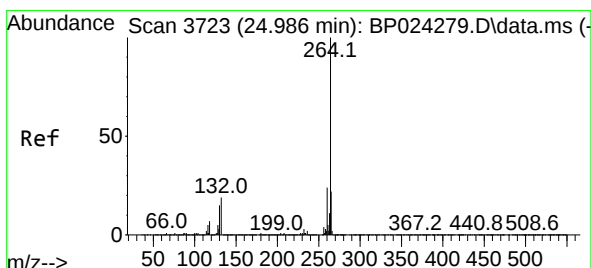
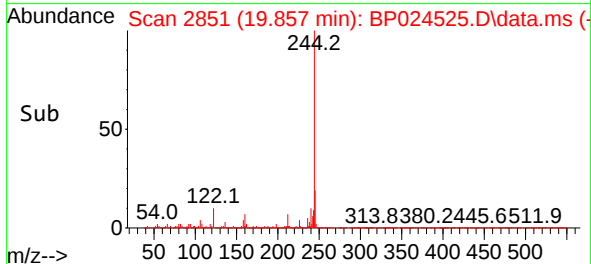
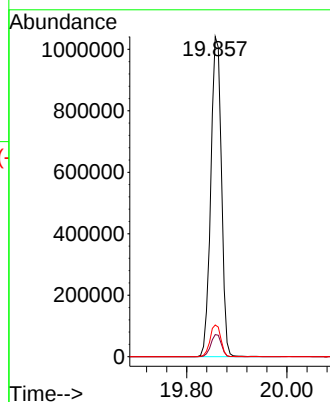
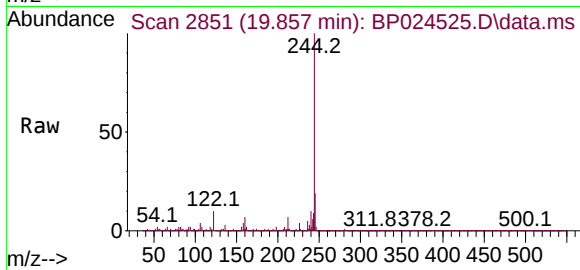
Tgt Ion:244 Resp: 1532767

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.9 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.921 min Scan# 3712

Delta R.T. -0.012 min

Lab File: BP024525.D

Acq: 05 May 2025 14:43

Tgt Ion:264 Resp: 1056124

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.8 17.8 26.6

