

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024723.D
 Acq On : 21 May 2025 02:49
 Operator : RC/JU
 Sample : Q1984-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-PCS-TC-34-050725

Quant Time: May 21 03:56:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	114994	20.000	ng	0.00
21) Naphthalene-d8	10.422	136	463608	20.000	ng	-0.01
39) Acenaphthene-d10	14.281	164	289146	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	623072	20.000	ng	-0.01
76) Chrysene-d12	21.510	240	698807	20.000	ng	-0.01
86) Perylene-d12	24.780	264	826708	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	546499	81.284	ng	0.00
7) Phenol-d6	6.858	99	651864	75.968	ng	0.00
23) Nitrobenzene-d5	8.805	82	437005	47.627	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	489392	99.838	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1160467	52.581	ng	-0.01
79) Terphenyl-d14	19.804	244	2228211	54.675	ng	0.00

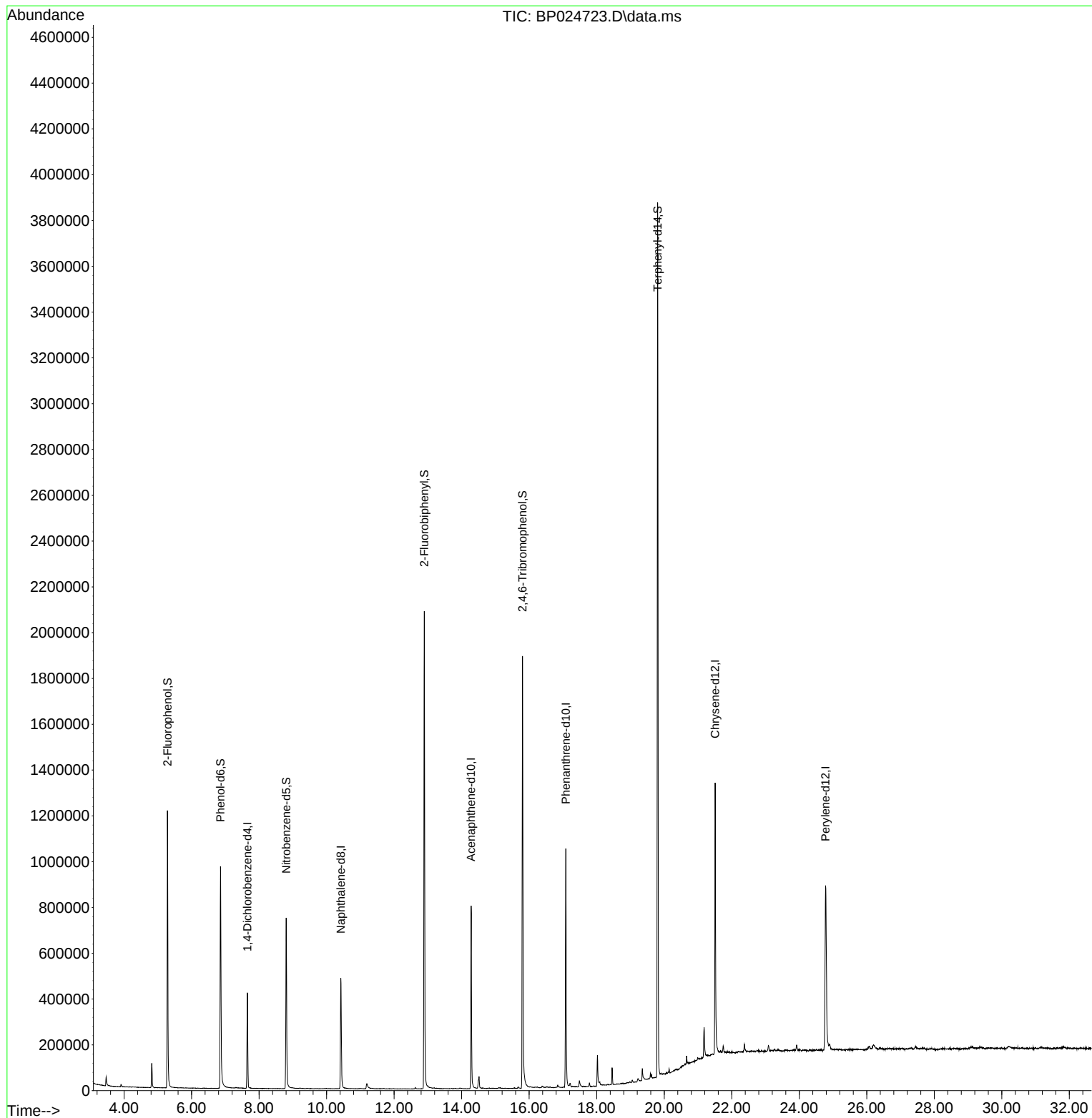
Target Compounds	Qvalue

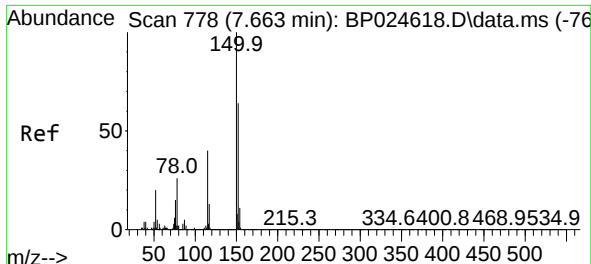
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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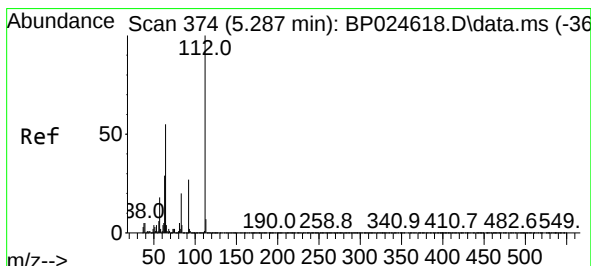
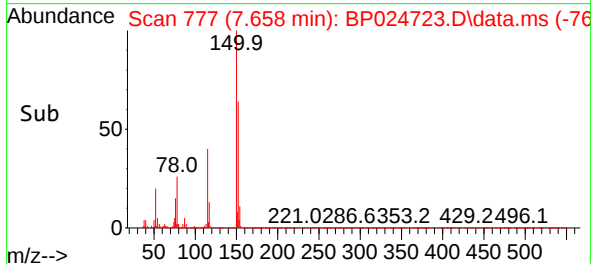
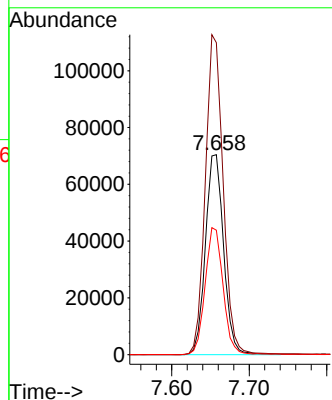
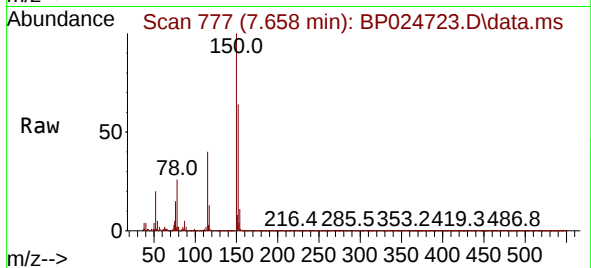




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024723.D
Acq: 21 May 2025 02:49

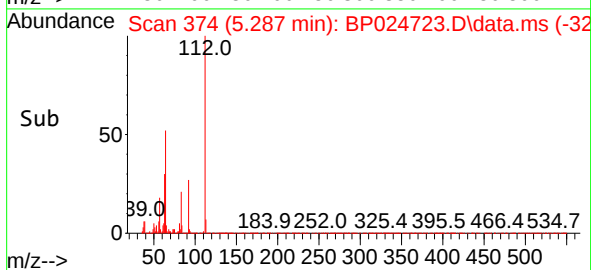
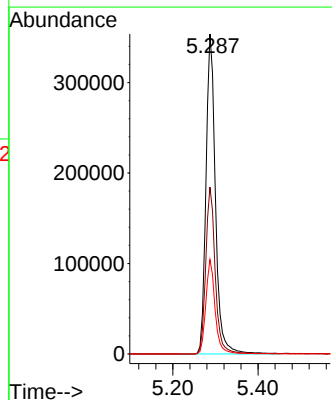
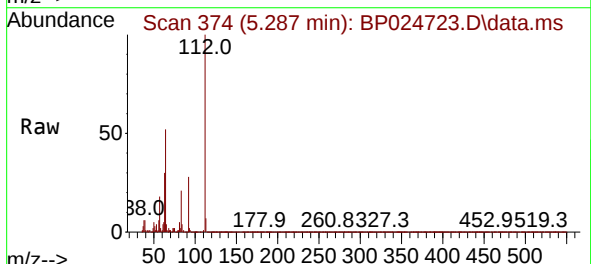
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-34-050725

Tgt Ion:152 Resp: 114994
Ion Ratio Lower Upper
152 100
150 156.0 125.9 188.9
115 62.2 50.1 75.1



#5
2-Fluorophenol
Concen: 81.284 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024723.D
Acq: 21 May 2025 02:49

Tgt Ion:112 Resp: 546499
Ion Ratio Lower Upper
112 100
64 52.2 44.1 66.1
63 29.5 23.5 35.3





#7

Phenol-d6

Concen: 75.968 ng

RT: 6.858 min Scan# 64

Delta R.T. 0.006 min

Lab File: BP024723.D

Acq: 21 May 2025 02:49

Instrument :

BNA_P

ClientSampleId :

OU4-PCS-TC-34-050725

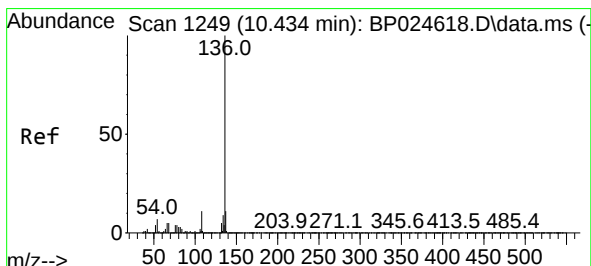
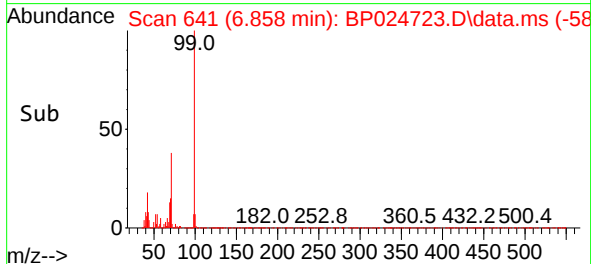
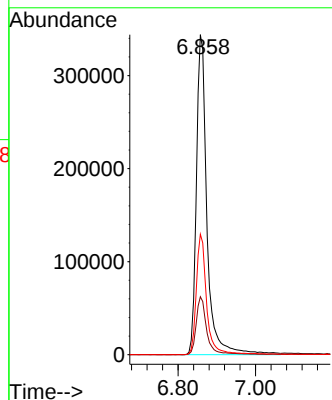
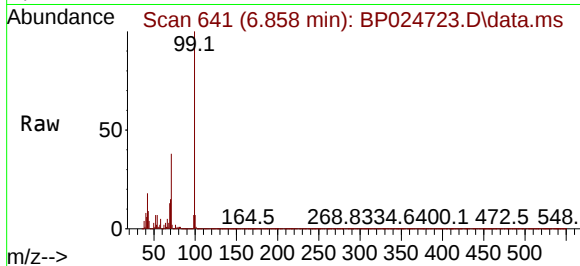
Tgt Ion: 99 Resp: 651864

Ion Ratio Lower Upper

99 100

42 18.1 14.4 21.6

71 37.7 29.2 43.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.422 min Scan# 1247

Delta R.T. -0.012 min

Lab File: BP024723.D

Acq: 21 May 2025 02:49

Tgt Ion: 136 Resp: 463608

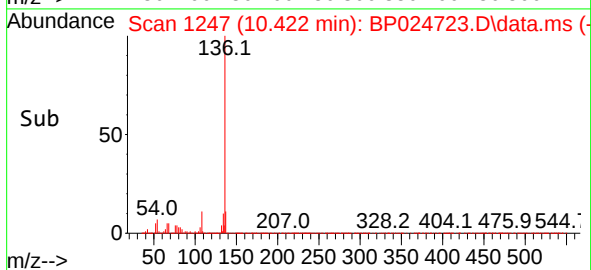
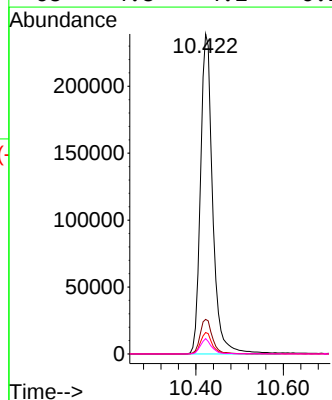
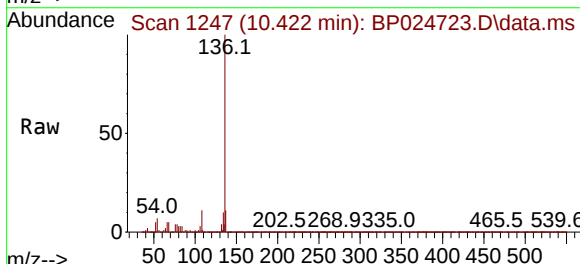
Ion Ratio Lower Upper

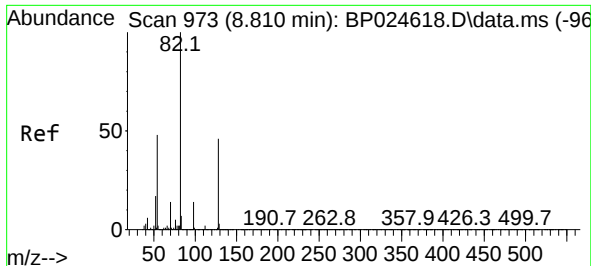
136 100

137 10.8 8.8 13.2

54 6.7 5.5 8.3

68 4.8 4.2 6.2

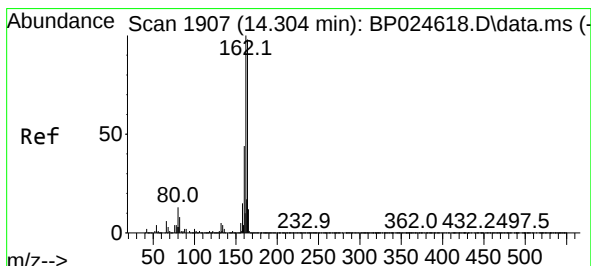
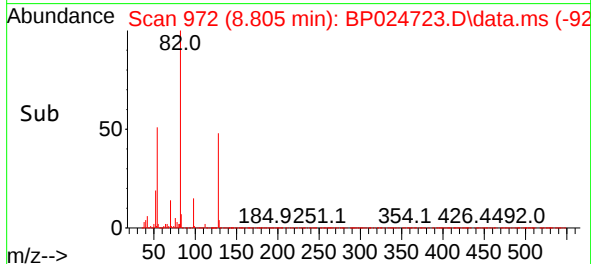
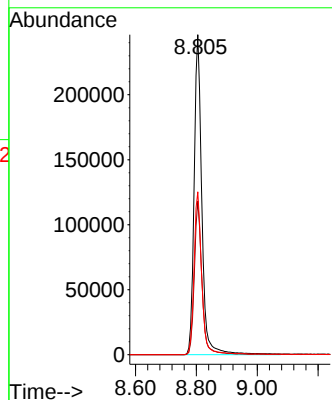
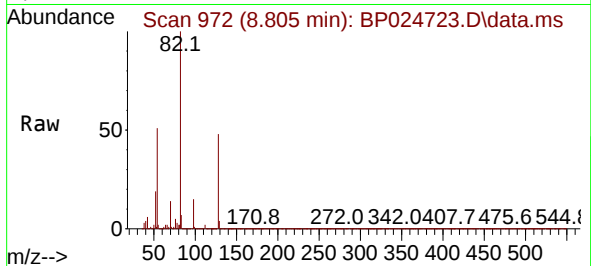




#23
Nitrobenzene-d5
Concen: 47.627 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024723.D
Acq: 21 May 2025 02:49

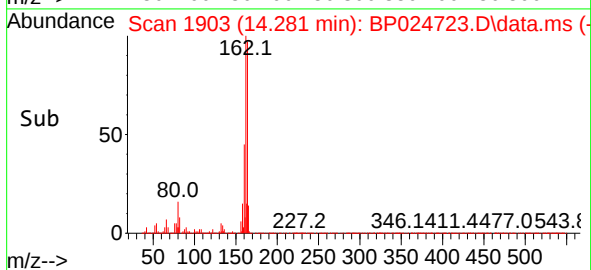
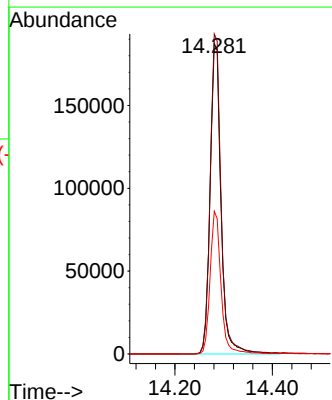
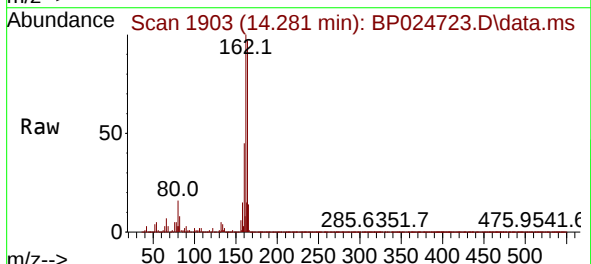
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-34-050725

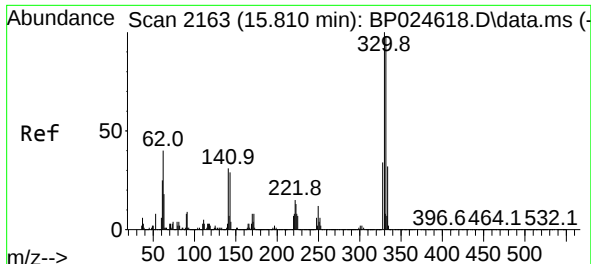
Tgt Ion: 82 Resp: 437005
Ion Ratio Lower Upper
82 100
128 48.1 37.0 55.4
54 50.9 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.023 min
Lab File: BP024723.D
Acq: 21 May 2025 02:49

Tgt Ion:164 Resp: 289146
Ion Ratio Lower Upper
164 100
162 103.0 81.8 122.6
160 45.9 36.3 54.5

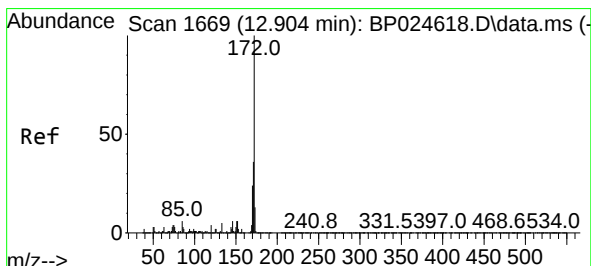
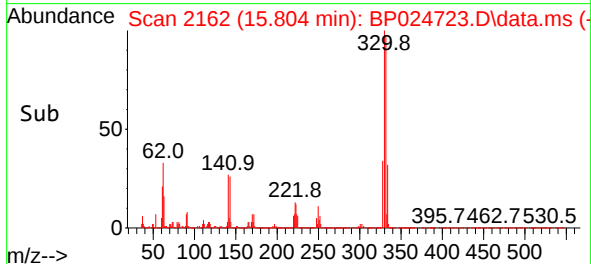
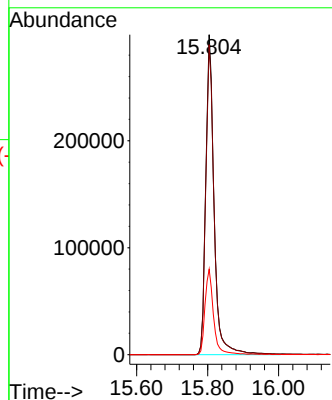
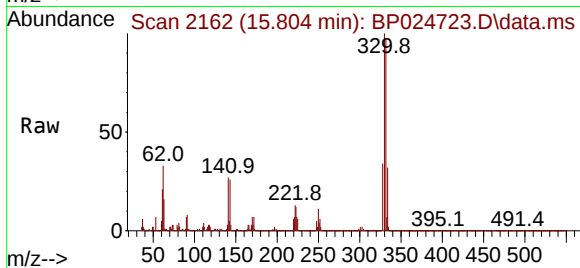




#42
2,4,6-Tribromophenol
Concen: 99.838 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024723.D
Acq: 21 May 2025 02:49

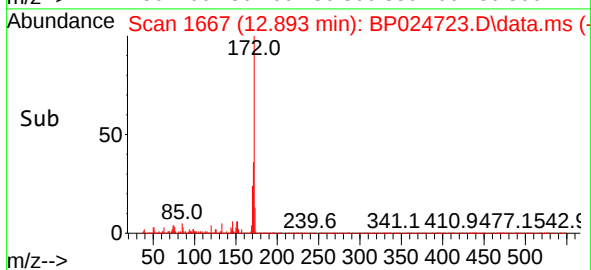
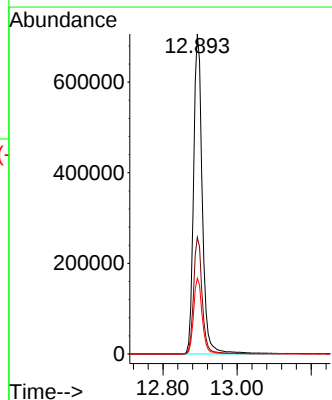
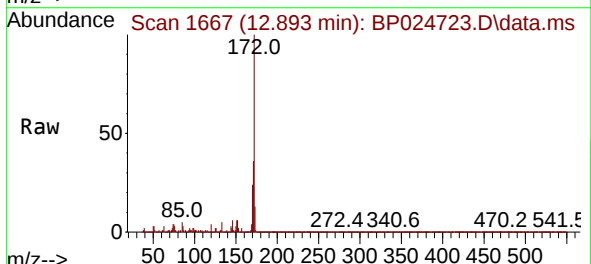
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ClientSampleId :
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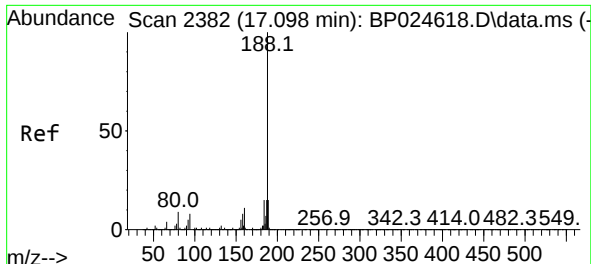
Tgt Ion:330 Resp: 489392
Ion Ratio Lower Upper
330 100
332 97.8 78.2 117.4
141 27.3 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 52.581 ng
RT: 12.893 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024723.D
Acq: 21 May 2025 02:49

Tgt Ion:172 Resp: 1160467
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 23.6 18.8 28.2

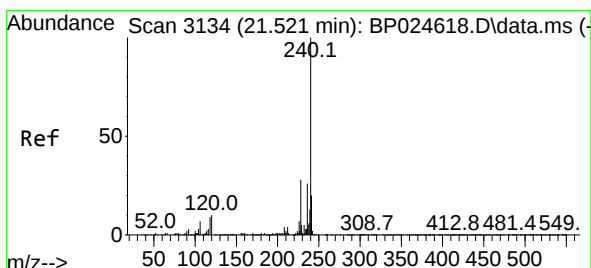
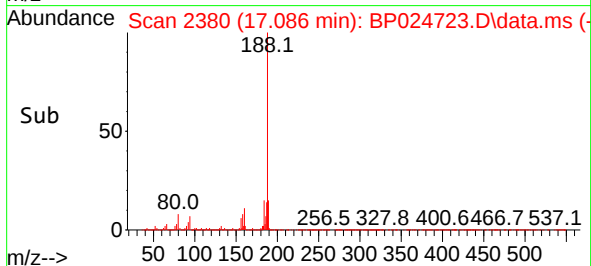
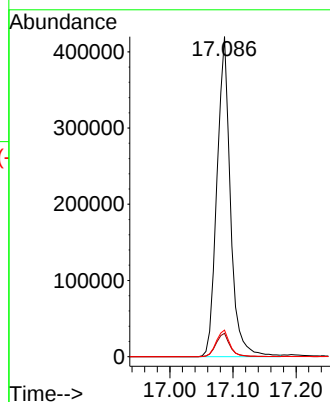
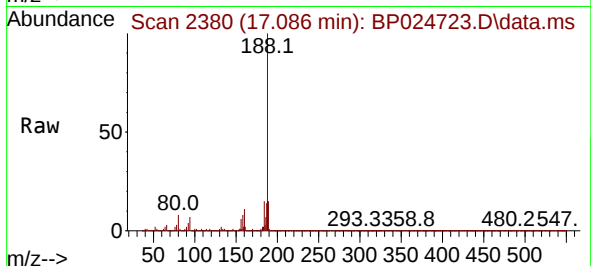




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024723.D
Acq: 21 May 2025 02:49

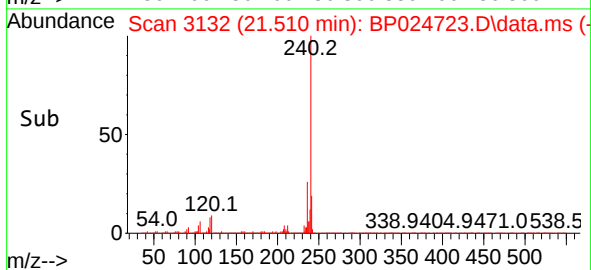
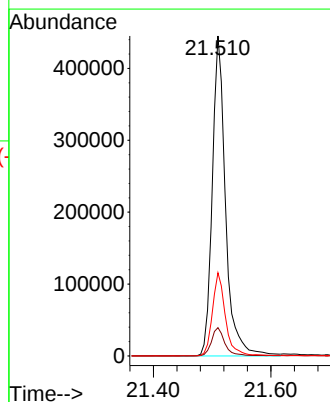
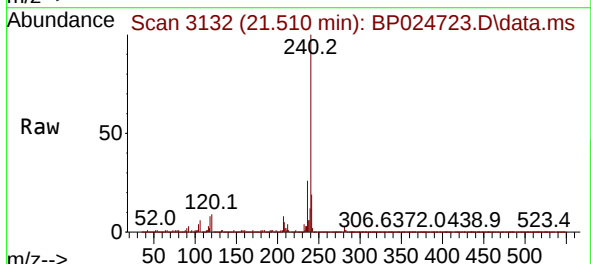
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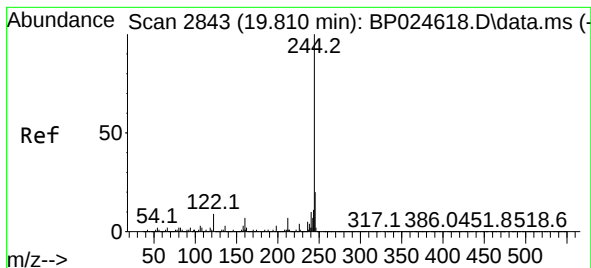
Tgt Ion:188 Resp: 623072
Ion Ratio Lower Upper
188 100
94 7.3 6.5 9.7
80 8.3 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BP024723.D
Acq: 21 May 2025 02:49

Tgt Ion:240 Resp: 698807
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 26.0 20.6 31.0





#79

Terphenyl-d14

Concen: 54.675 ng

RT: 19.804 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024723.D

Acq: 21 May 2025 02:49

Instrument :

BNA_P

ClientSampleId :

OU4-PCS-TC-34-050725

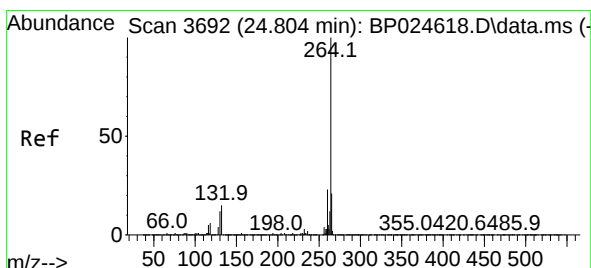
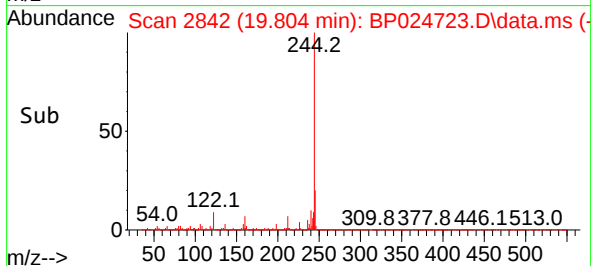
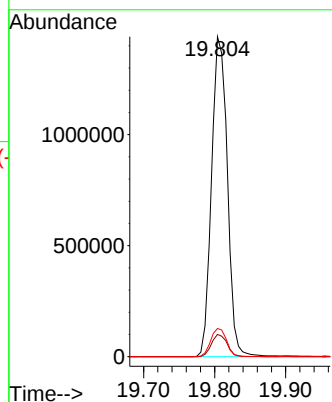
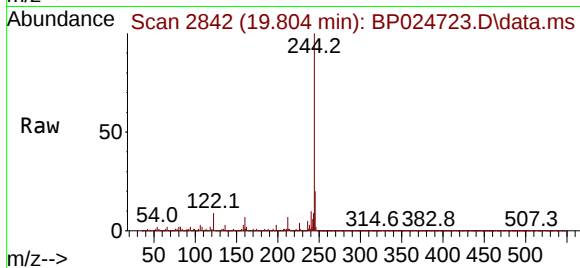
Tgt Ion:244 Resp: 2228211

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 8.8 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.780 min Scan# 3688

Delta R.T. -0.023 min

Lab File: BP024723.D

Acq: 21 May 2025 02:49

Tgt Ion:264 Resp: 826708

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.5 17.0 25.6

