

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024723.D
 Acq On : 21 May 2025 02:49
 Operator : RC/JU
 Sample : Q1984-03RX
 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)

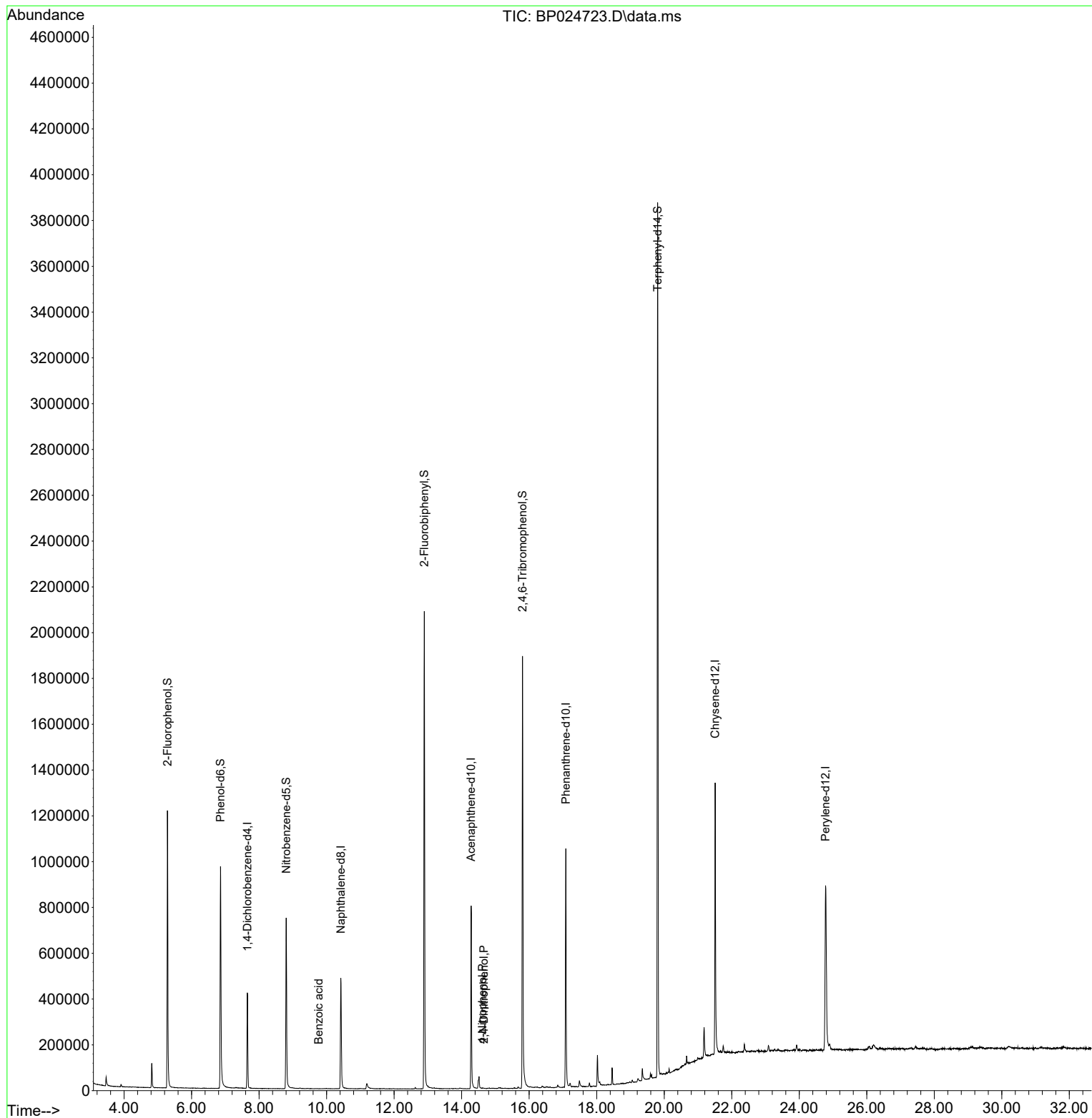
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	114994	20.000	ng	0.00
21) Naphthalene-d8	10.422	136	463608	20.000	ng	-0.01
39) Acenaphthene-d10	14.281	164	289146	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	623072	20.000	ng	-0.01
76) Chrysene-d12	21.510	240	698807	20.000	ng	-0.01
86) 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
32) Benzoic acid	9.769	122	10	7.470	ng	# 1
54) 2,4-Dinitrophenol	14.663	184	18	6.407	ng	98
56) 4-Nitrophenol	14.616	139	45	4.244	ng	88

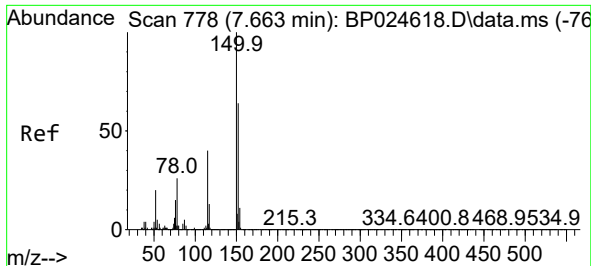
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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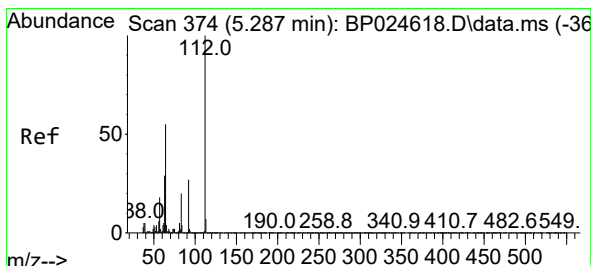
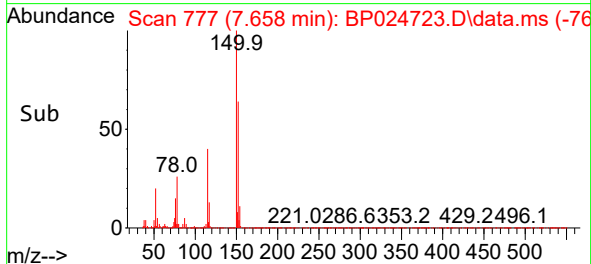
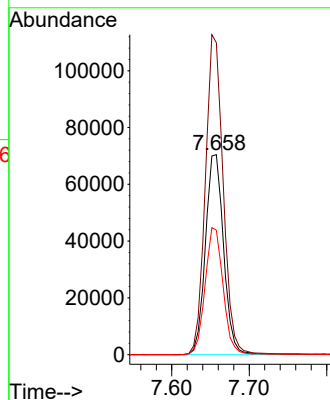
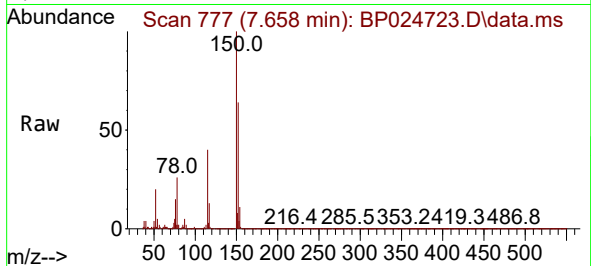




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024723.D
Acq: 21 May 2025 02:49

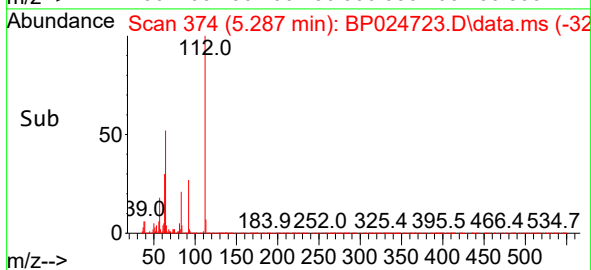
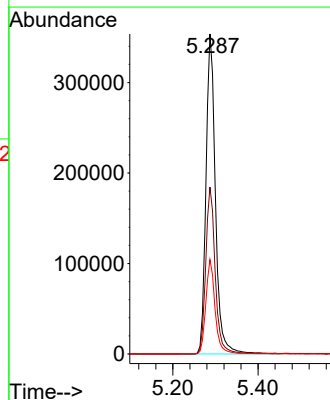
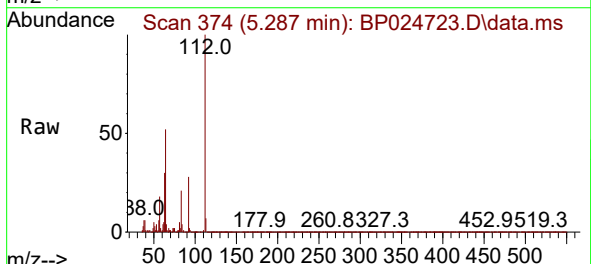
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-34-050725

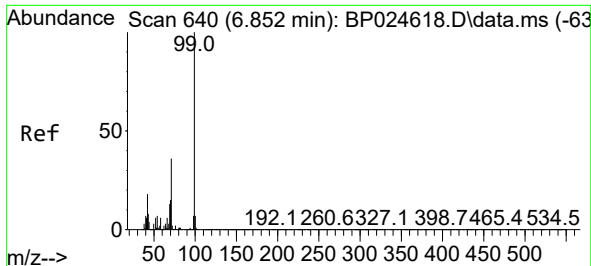
Tgt Ion:152 Resp: 114994
Ion Ratio Lower Upper
152 100
150 156.0 125.9 188.9
115 62.2 50.1 75.1



#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

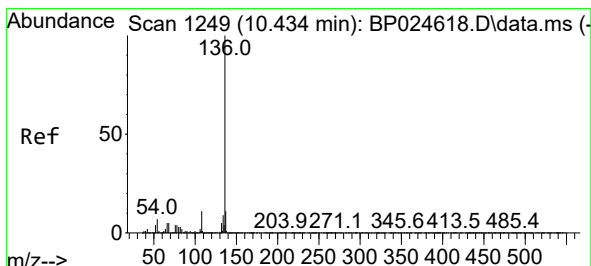
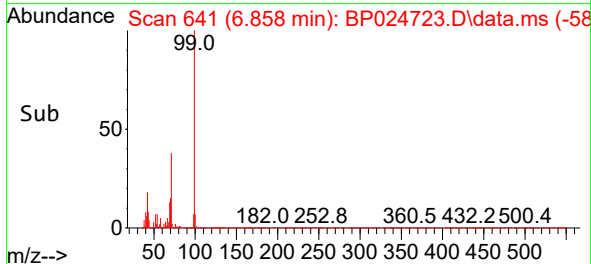
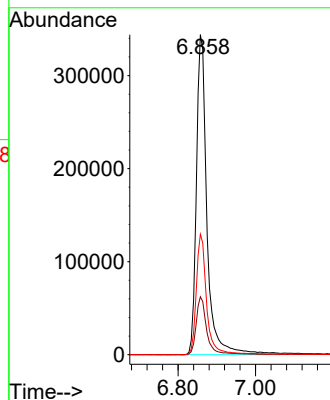
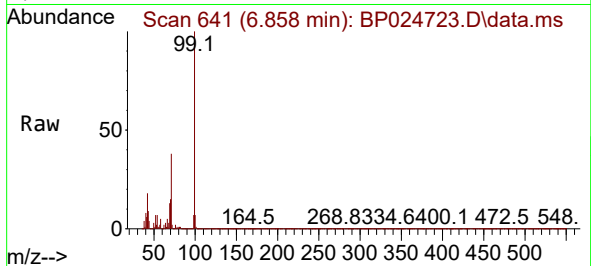




#7
Phenol-d6
Concen: 75.968 ng
RT: 6.858 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP024723.D
Acq: 21 May 2025 02:49

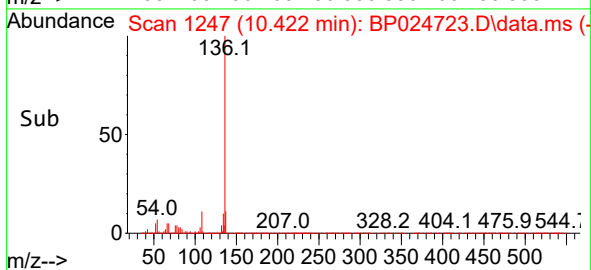
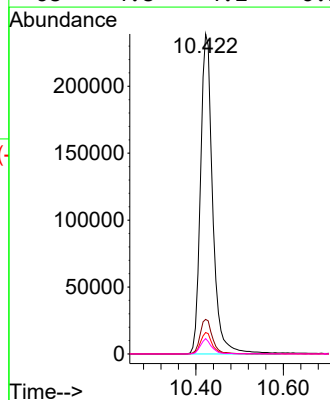
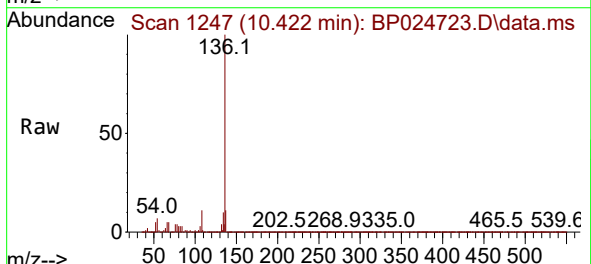
Instrument :
BNA_P
ClientSampleId :
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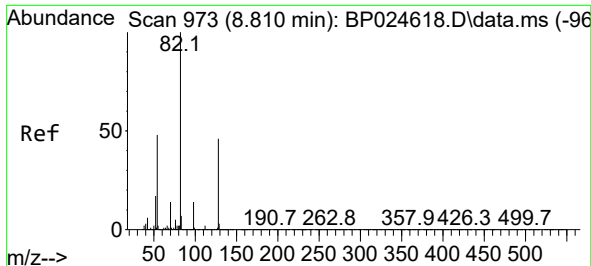
Tgt Ion: 99 Resp: 651864
Ion Ratio Lower Upper
99 100
42 18.1 14.4 21.6
71 37.7 29.2 43.8



#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

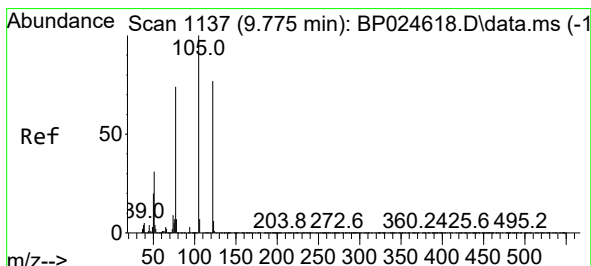
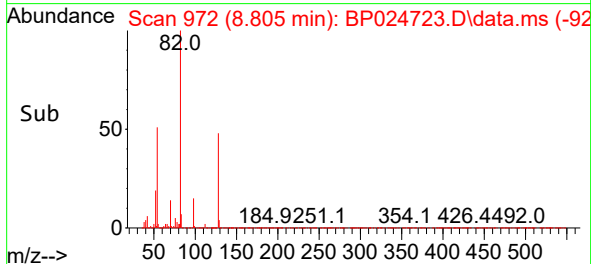
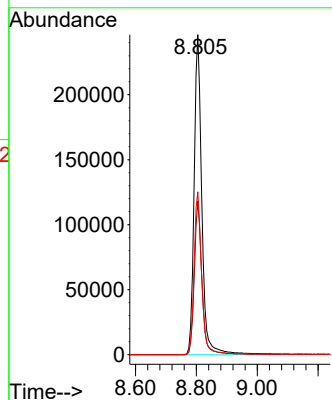
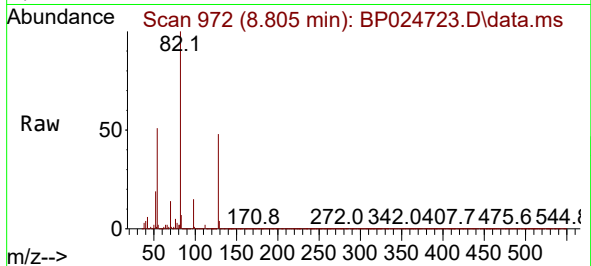




#23
Nitrobenzene-d5
Concen: 47.627 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024723.D
Acq: 21 May 2025 02:49

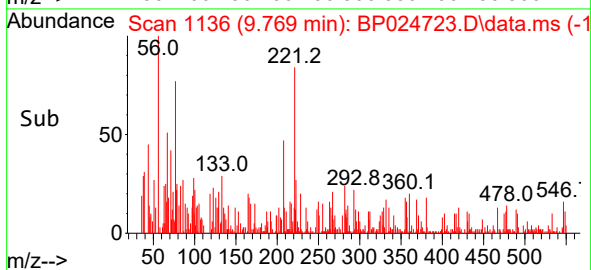
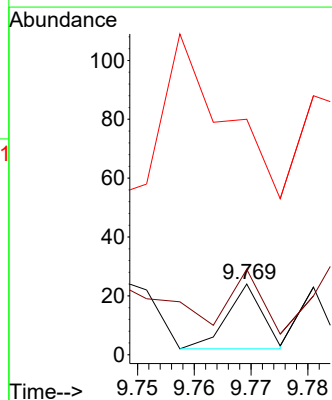
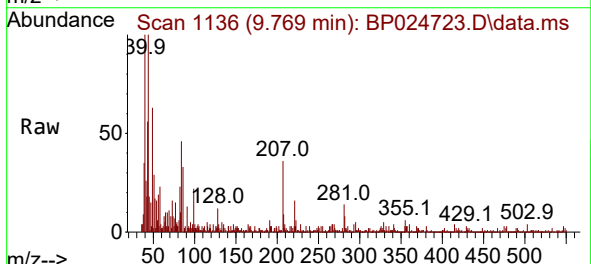
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-34-050725

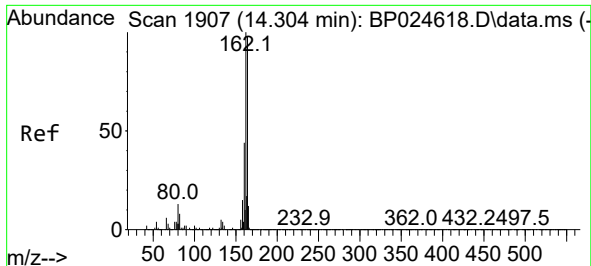
Tgt Ion: 82 Resp: 437005
Ion Ratio Lower Upper
82 100
128 48.1 37.0 55.4
54 50.9 38.7 58.1



#32
Benzoic acid
Concen: 7.470 ng
RT: 9.769 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BP024723.D
Acq: 21 May 2025 02:49

Tgt Ion: 122 Resp: 10
Ion Ratio Lower Upper
122 100
105 120.8 106.9 146.9
77 333.3 75.1 115.1#

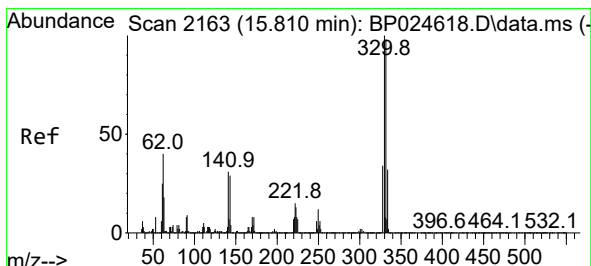
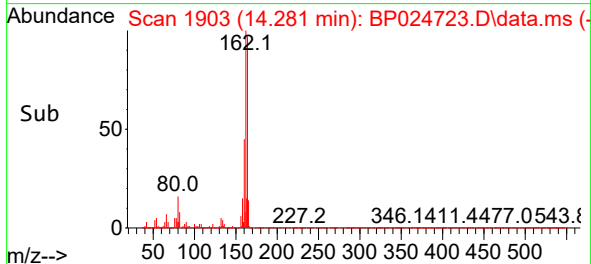
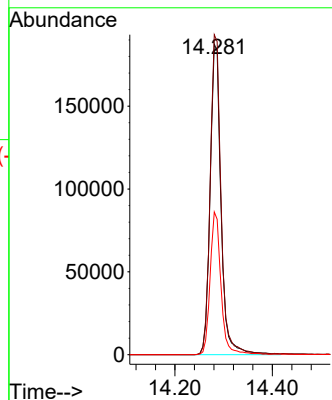
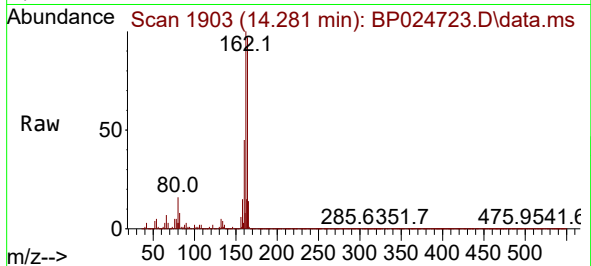




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.023 min
Lab File: BP024723.D
Acq: 21 May 2025 02:49

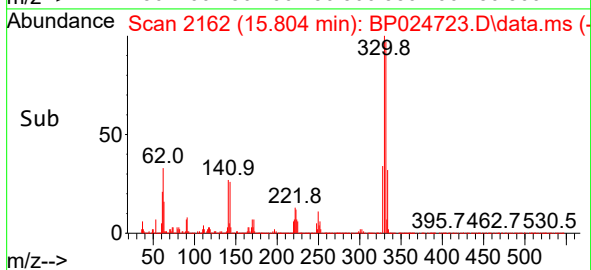
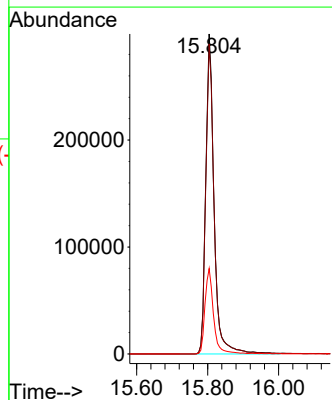
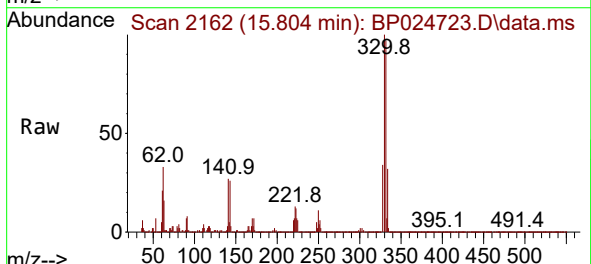
Instrument :
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ClientSampleId :
OU4-PCS-TC-34-050725

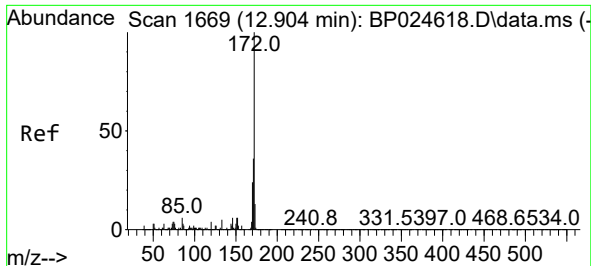
Tgt Ion:164 Resp: 289146
Ion Ratio Lower Upper
164 100
162 103.0 81.8 122.6
160 45.9 36.3 54.5



#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

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

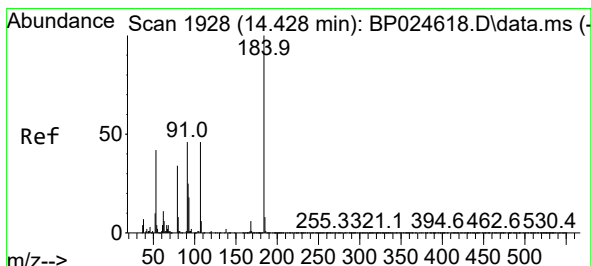
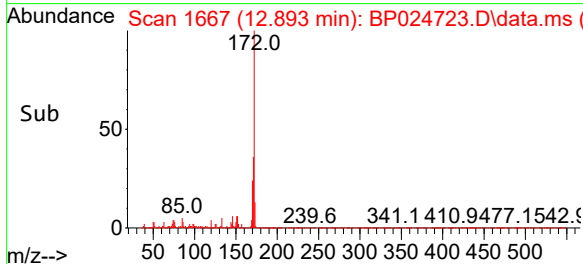
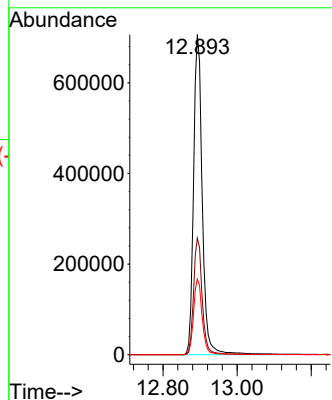
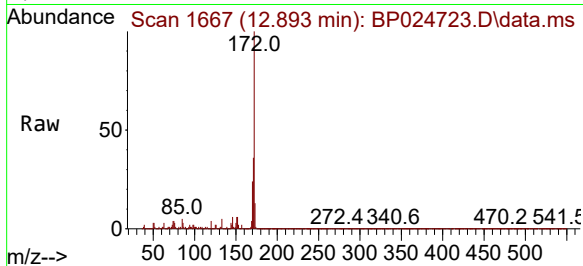




#45
2-Fluorobiphenyl
Concen: 52.581 ng
RT: 12.893 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024723.D
Acq: 21 May 2025 02:49

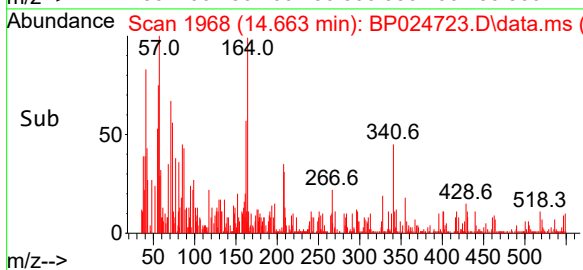
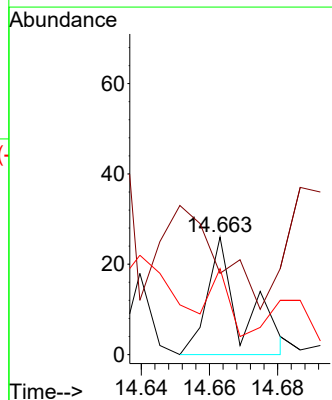
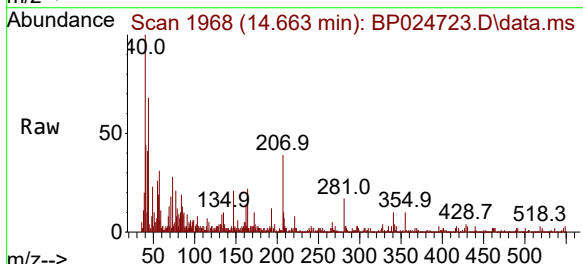
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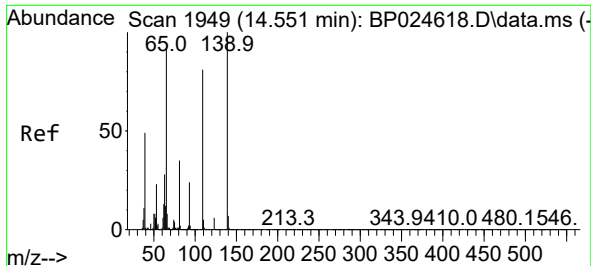
Tgt Ion:172 Resp: 1160467
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 23.6 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.407 ng
RT: 14.663 min Scan# 1968
Delta R.T. 0.235 min
Lab File: BP024723.D
Acq: 21 May 2025 02:49

Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 62.1 51.3 76.9
154 65.5 53.5 80.3

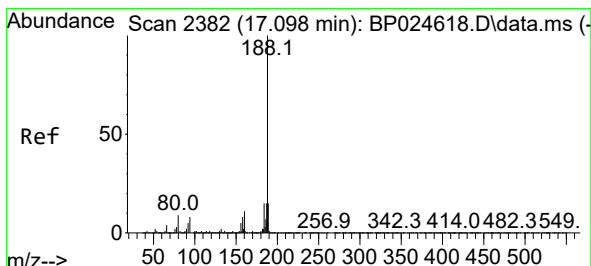
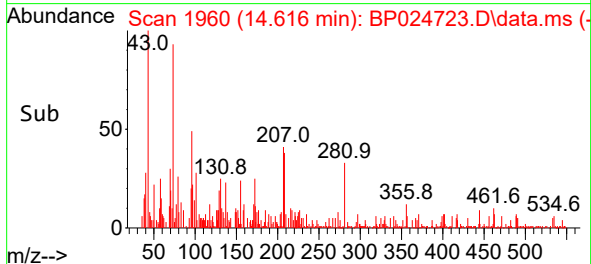
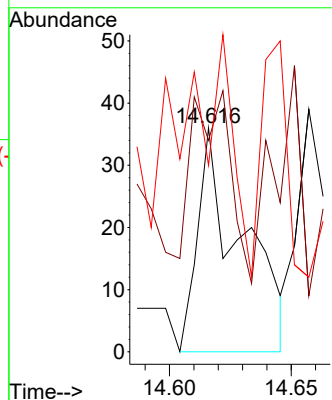
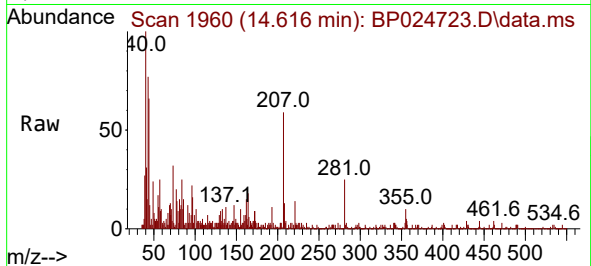




#56
4-Nitrophenol
Concen: 4.244 ng
RT: 14.616 min Scan# 1949
Delta R.T. 0.065 min
Lab File: BP024723.D
Acq: 21 May 2025 02:49

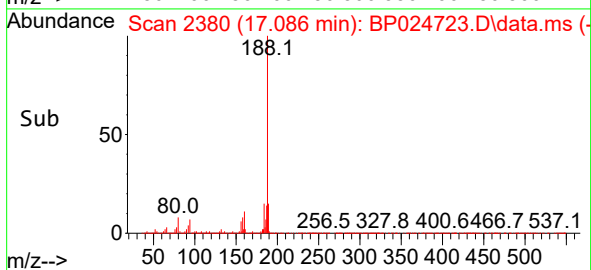
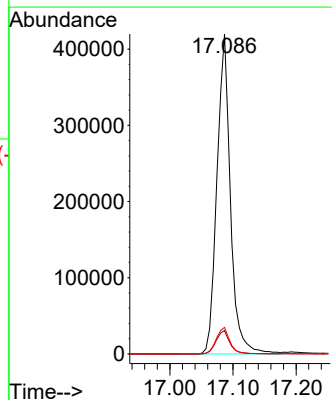
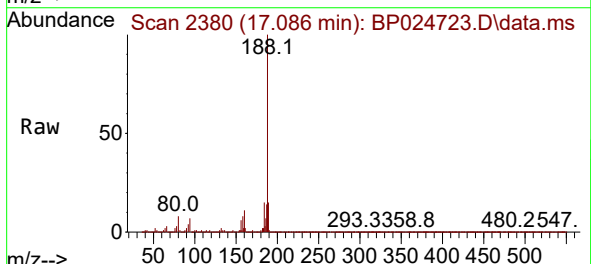
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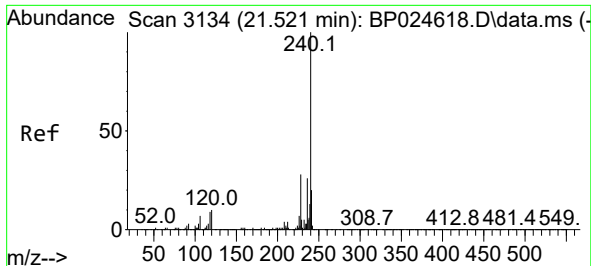
Tgt Ion:139 Resp: 45
Ion Ratio Lower Upper
139 100
109 94.4 61.4 101.4
65 83.3 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024723.D
Acq: 21 May 2025 02:49

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

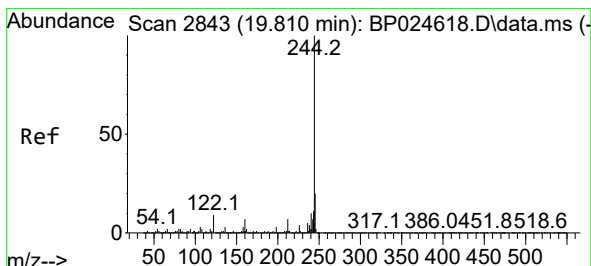
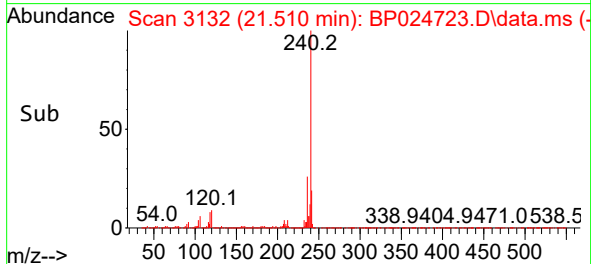
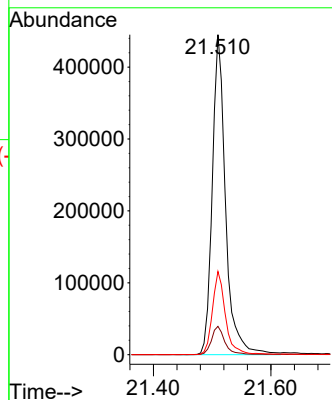
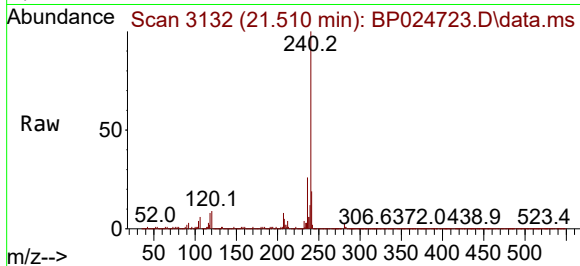




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024723.D
Acq: 21 May 2025 02:49

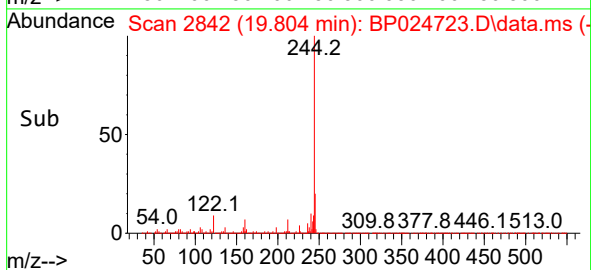
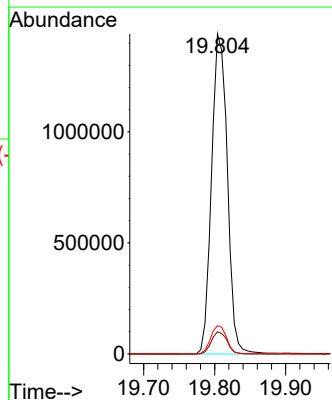
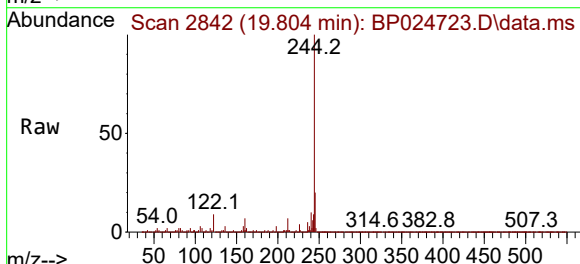
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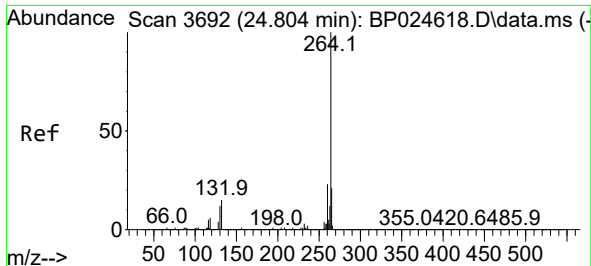
Tgt Ion:240 Resp: 698807
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 26.0 20.6 31.0



#79
Terphenyl-d14
Concen: 54.675 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP024723.D
Acq: 21 May 2025 02:49

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# 30
Delta R.T. -0.023 min
Lab File: BP024723.D
Acq: 21 May 2025 02:49

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

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

