

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051525\
 Data File : BP024646.D
 Acq On : 15 May 2025 20:45
 Operator : RC/JU
 Sample : Q1984-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-28-050725

Quant Time: May 16 01:18:16 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)

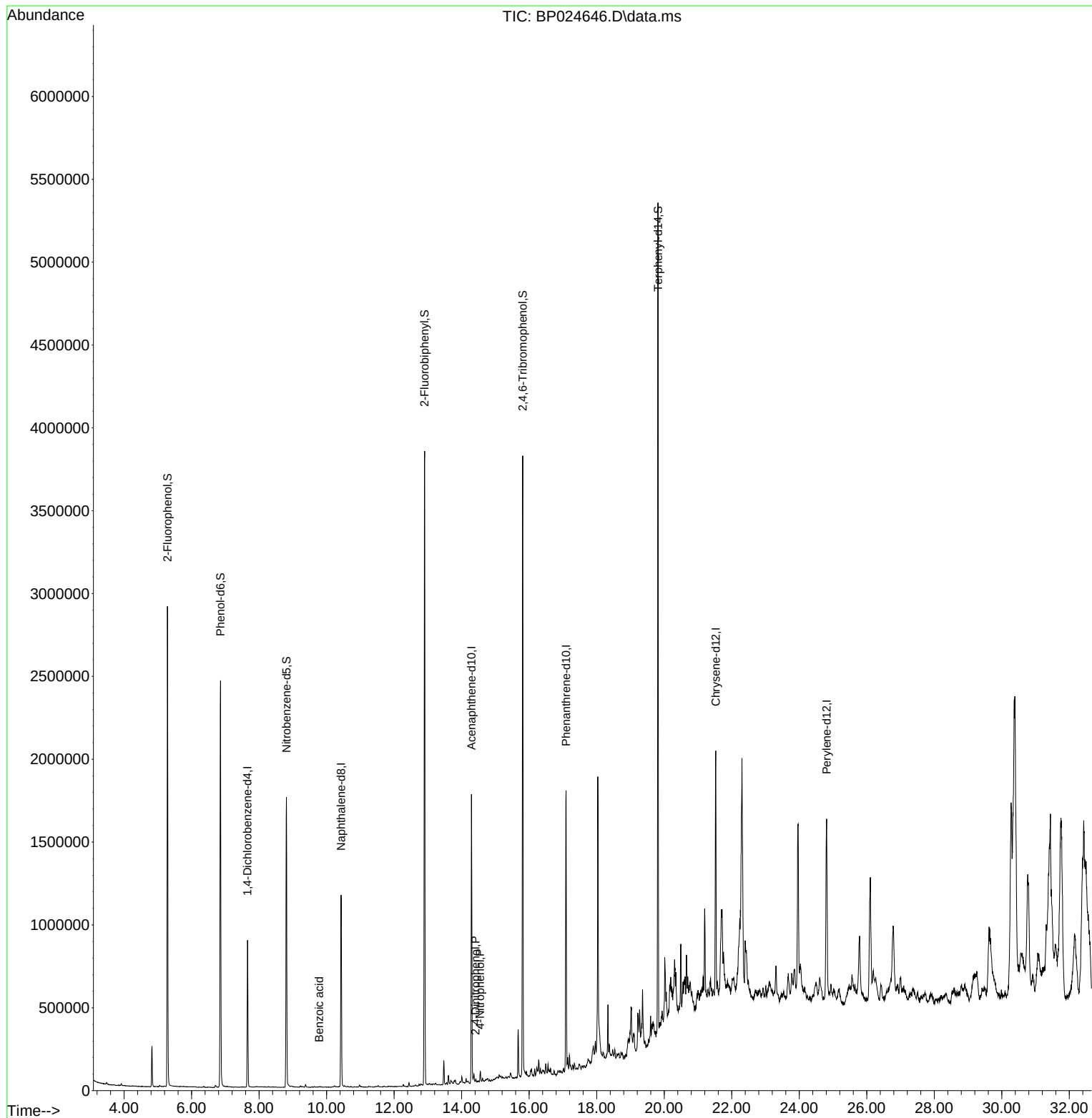
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	238077	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	986706	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	606578	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	1027752	20.000	ng	0.00
76) Chrysene-d12	21.527	240	846507	20.000	ng	0.00
86) Perylene-d12	24.810	264	1082017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	1241075	89.160	ng	0.00
7) Phenol-d6	6.858	99	1448677	81.546	ng	0.00
23) Nitrobenzene-d5	8.810	82	1001600	51.289	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	798210	77.622	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2066705	44.638	ng	0.00
79) Terphenyl-d14	19.816	244	2164640	43.847	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.781	122	482	7.508	ng	# 81
54) 2,4-Dinitrophenol	14.416	184	48	6.408	ng	# 1
56) 4-Nitrophenol	14.545	139	293	4.266	ng	# 1

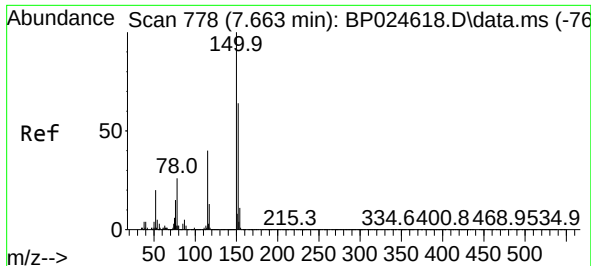
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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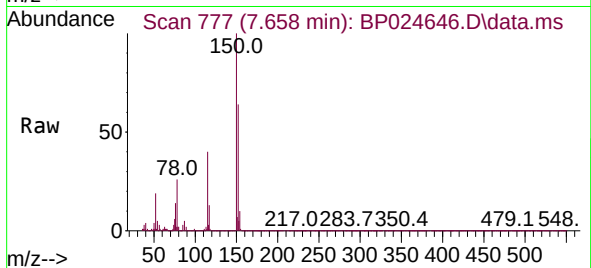
Quant Time: May 16 01:18:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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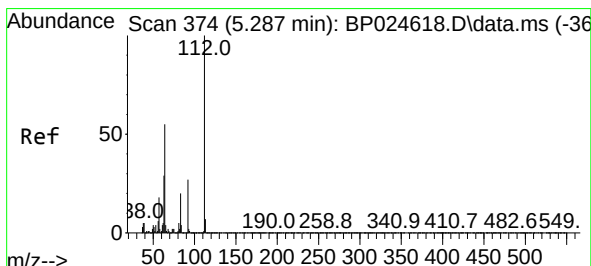
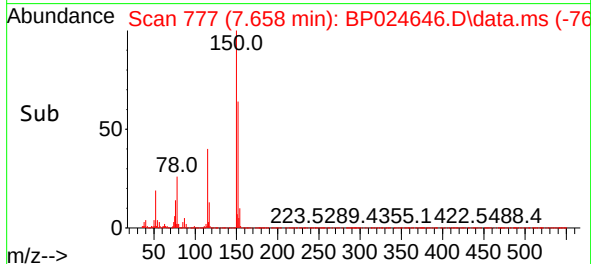
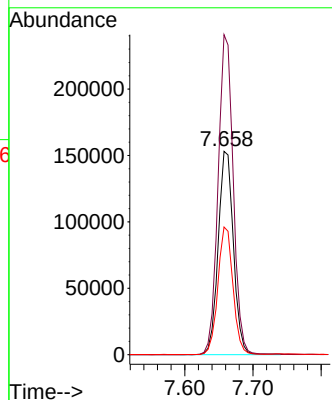


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024646.D
Acq: 15 May 2025 20:45

Instrument :
BNA_P
ClientSampleId :
OU4-TS-28-050725

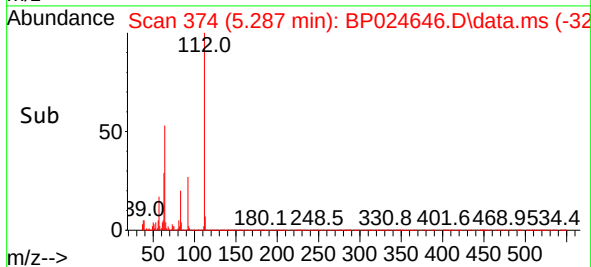
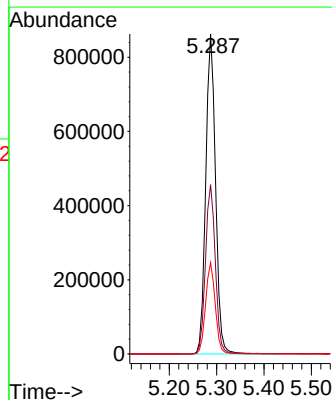
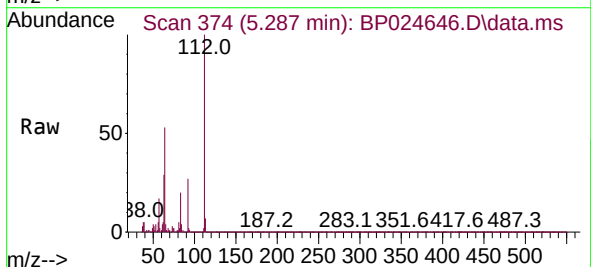


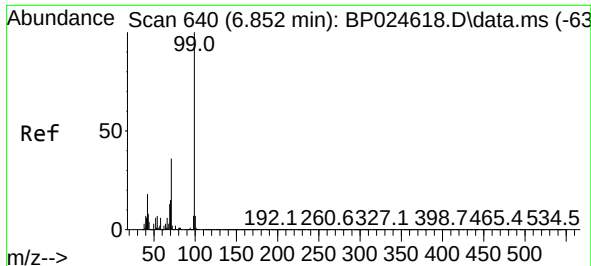
Tgt Ion:152 Resp: 238077
Ion Ratio Lower Upper
152 100
150 157.3 125.9 188.9
115 62.7 50.1 75.1



#5
2-Fluorophenol
Concen: 89.160 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024646.D
Acq: 15 May 2025 20:45

Tgt Ion:112 Resp: 1241075
Ion Ratio Lower Upper
112 100
64 52.9 44.1 66.1
63 28.5 23.5 35.3

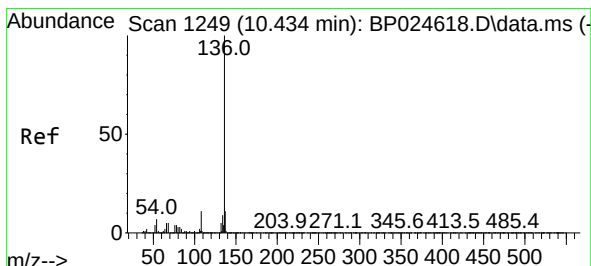
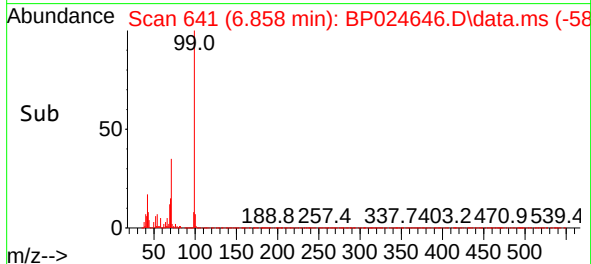
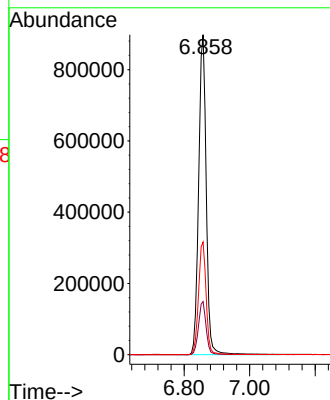
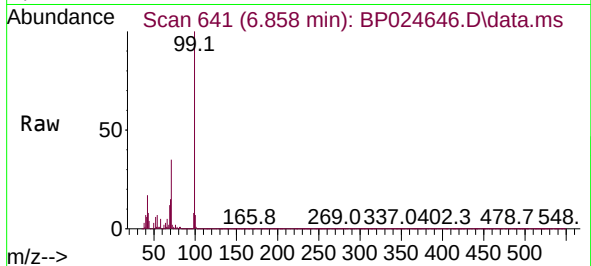




#7
Phenol-d6
Concen: 81.546 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024646.D
Acq: 15 May 2025 20:45

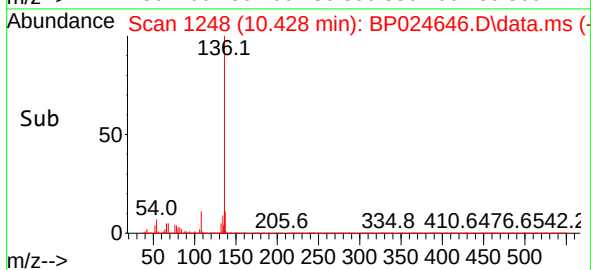
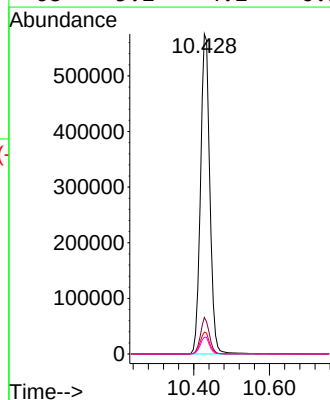
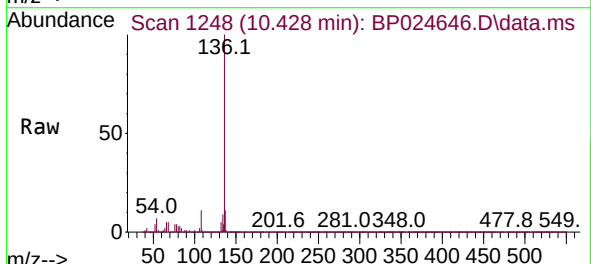
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ClientSampleId :
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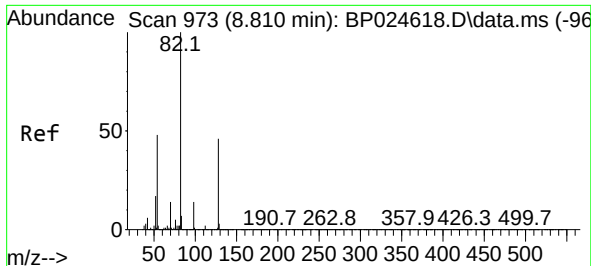
Tgt Ion: 99 Resp: 1448677
Ion Ratio Lower Upper
99 100
42 16.6 14.4 21.6
71 35.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024646.D
Acq: 15 May 2025 20:45

Tgt Ion: 136 Resp: 986706
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 6.8 5.5 8.3
68 5.2 4.2 6.2

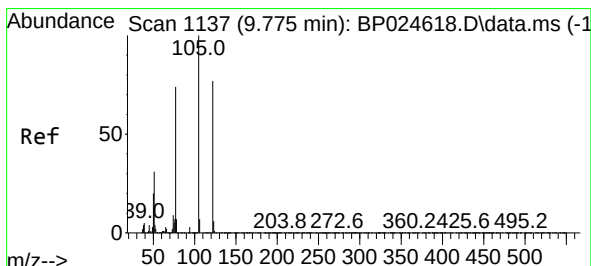
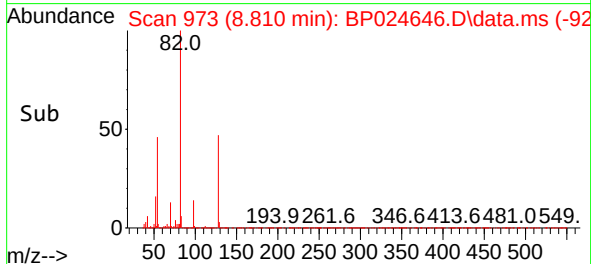
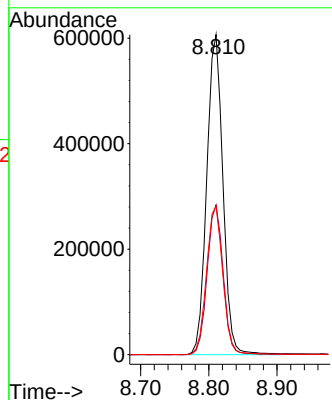
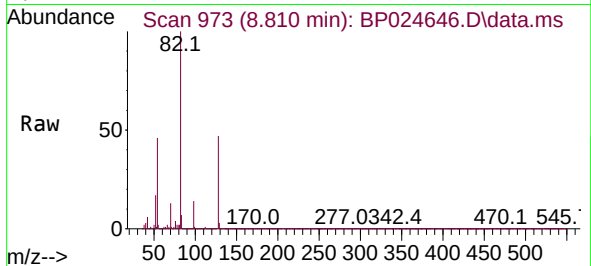




#23
Nitrobenzene-d5
Concen: 51.289 ng
RT: 8.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024646.D
Acq: 15 May 2025 20:45

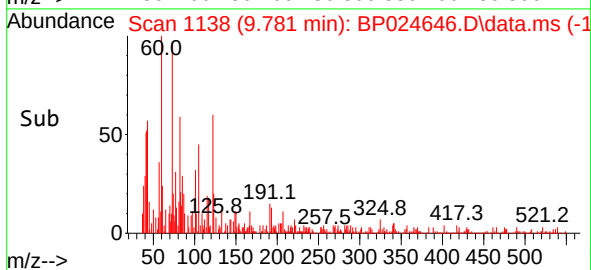
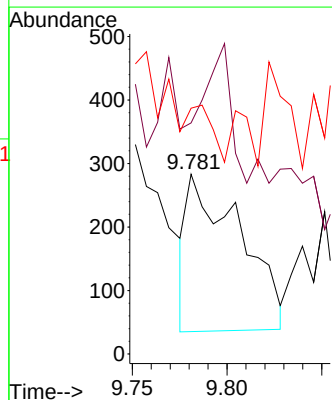
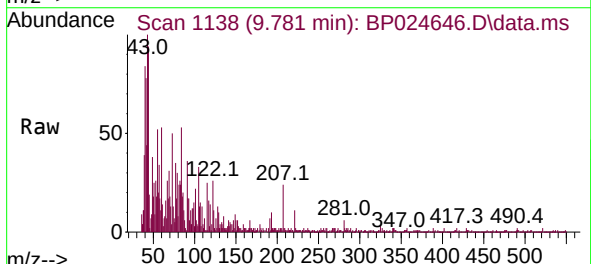
Instrument :
BNA_P
ClientSampleId :
OU4-TS-28-050725

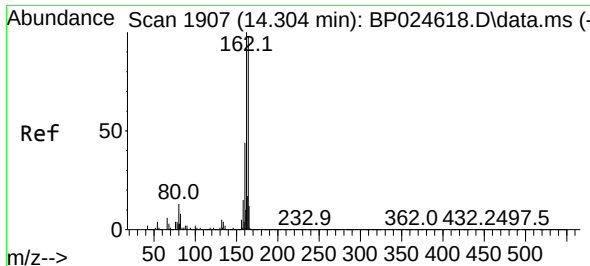
Tgt Ion: 82 Resp: 1001600
Ion Ratio Lower Upper
82 100
128 46.8 37.0 55.4
54 46.4 38.7 58.1



#32
Benzoic acid
Concen: 7.508 ng
RT: 9.781 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BP024646.D
Acq: 15 May 2025 20:45

Tgt Ion:122 Resp: 482
Ion Ratio Lower Upper
122 100
105 128.6 106.9 146.9
77 136.7 75.1 115.1#

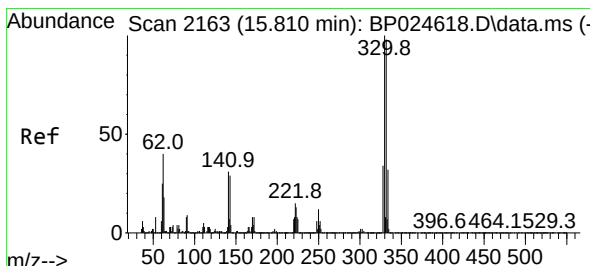
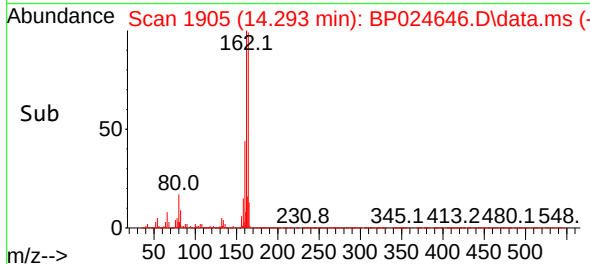
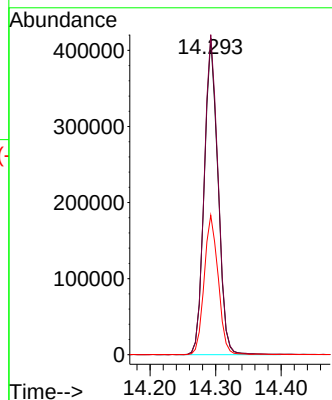
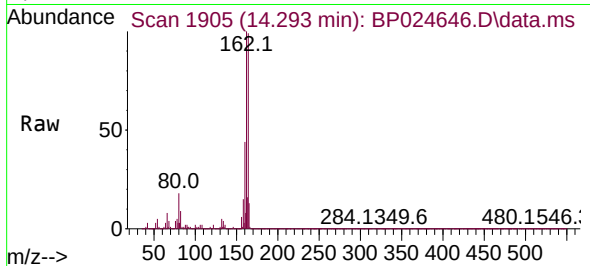




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024646.D
Acq: 15 May 2025 20:45

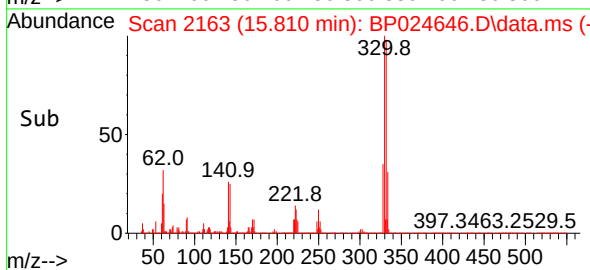
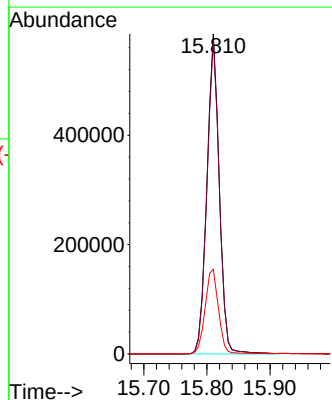
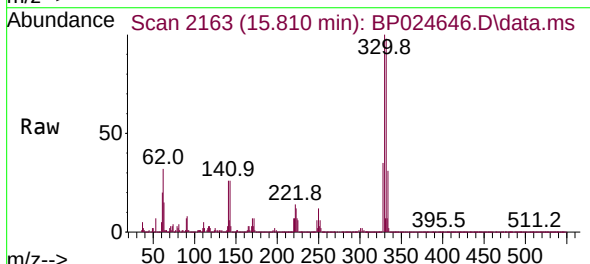
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ClientSampleId :
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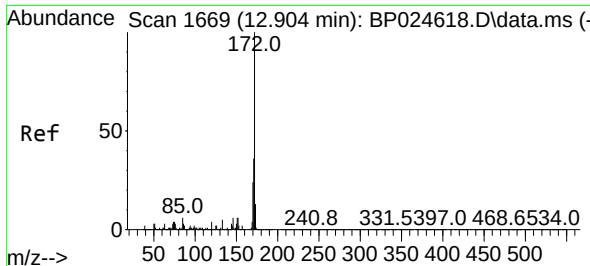
Tgt Ion:164 Resp: 606578
Ion Ratio Lower Upper
164 100
162 101.1 81.8 122.6
160 44.0 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 77.622 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024646.D
Acq: 15 May 2025 20:45

Tgt Ion:330 Resp: 798210
Ion Ratio Lower Upper
330 100
332 97.8 78.2 117.4
141 28.4 24.3 36.5

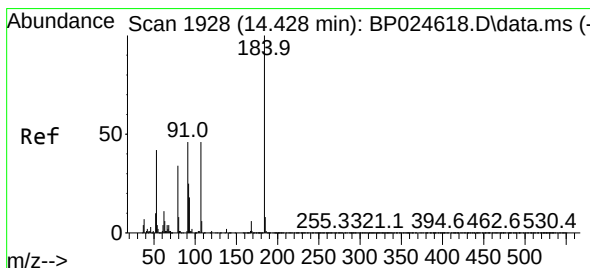
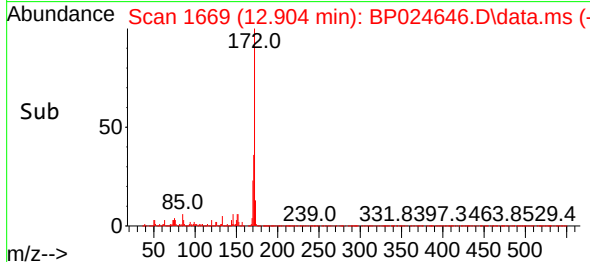
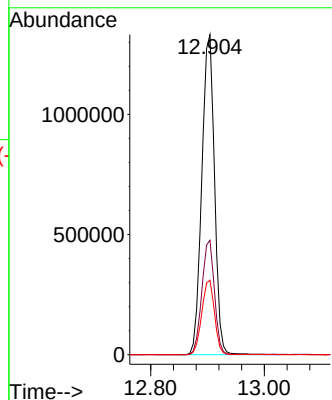
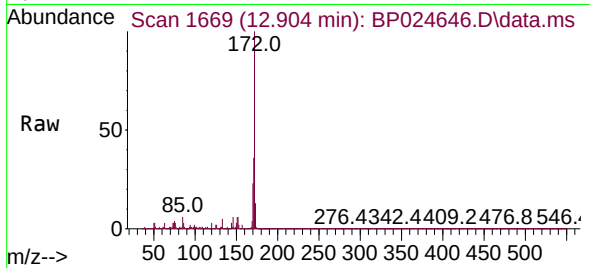




#45
2-Fluorobiphenyl
Concen: 44.638 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024646.D
Acq: 15 May 2025 20:45

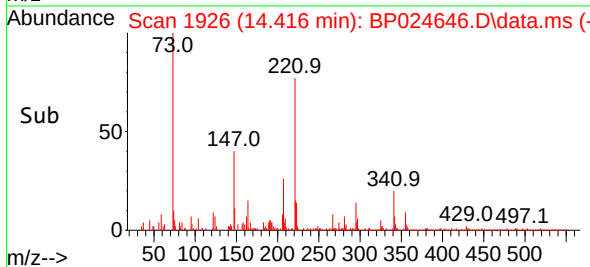
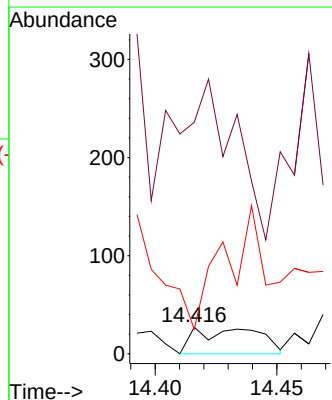
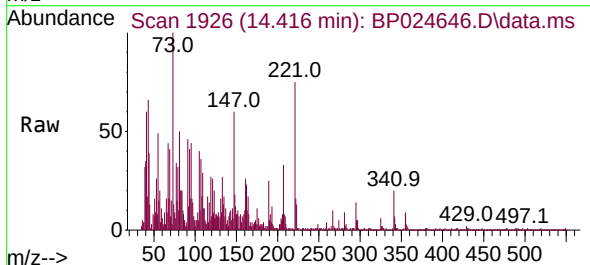
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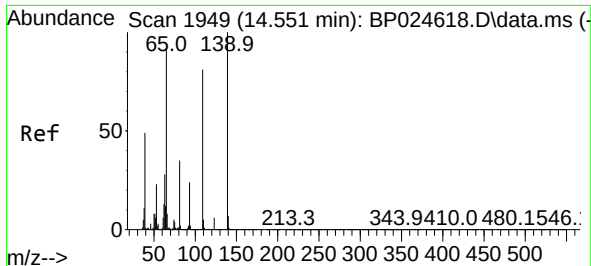
Tgt Ion:172 Resp: 2066705
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.3 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.408 ng
RT: 14.416 min Scan# 1926
Delta R.T. -0.012 min
Lab File: BP024646.D
Acq: 15 May 2025 20:45

Tgt Ion:184 Resp: 48
Ion Ratio Lower Upper
184 100
63 874.1 51.3 76.9#
154 92.6 53.5 80.3#

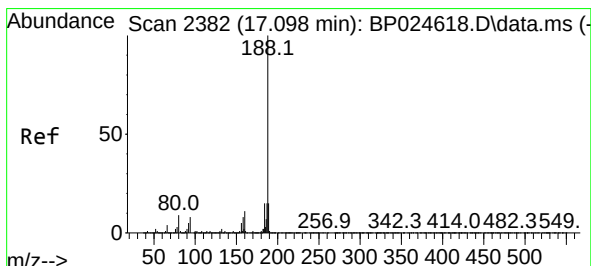
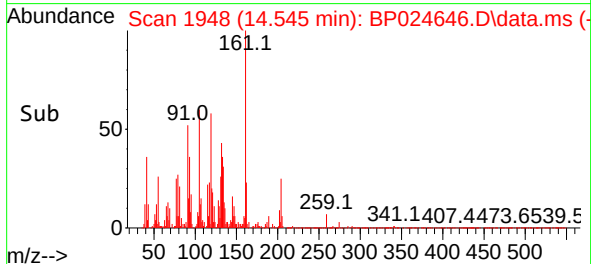
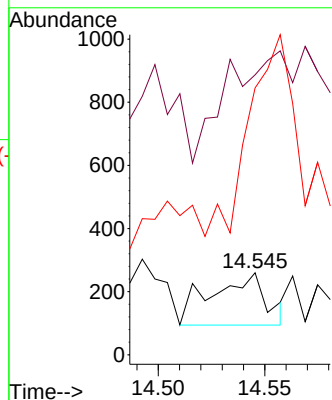
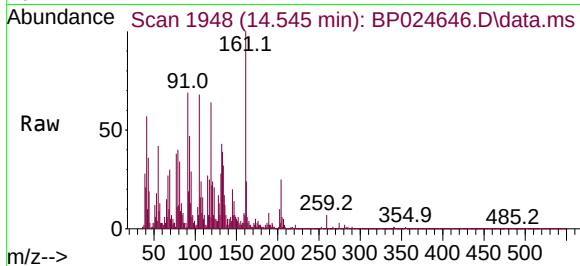




#56
4-Nitrophenol
Concen: 4.266 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024646.D
Acq: 15 May 2025 20:45

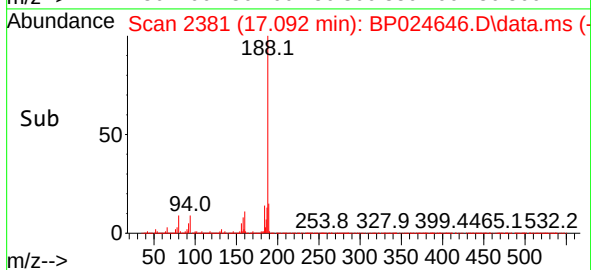
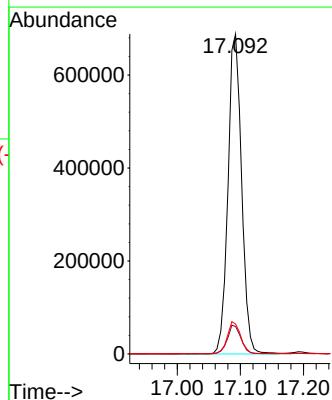
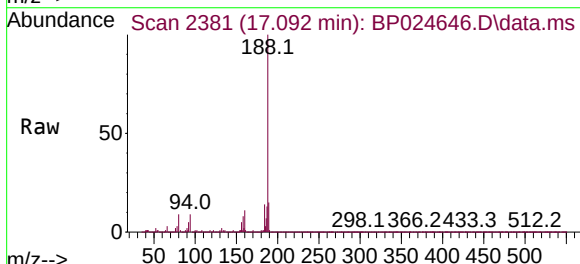
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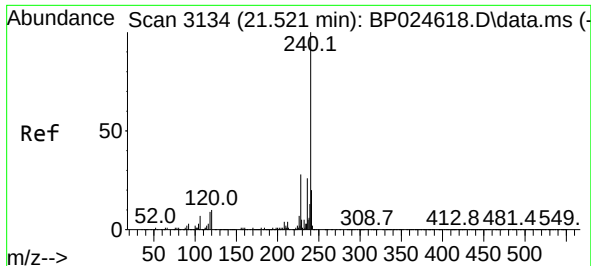
Tgt Ion	Ratio	Lower	Upper
139	100		
109	341.2	61.4	101.4#
65	325.0	72.2	112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024646.D
Acq: 15 May 2025 20:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.5	9.7
80	9.3	7.3	10.9

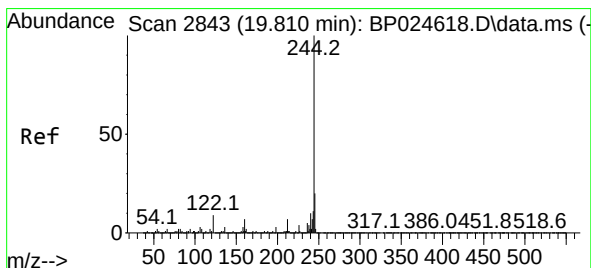
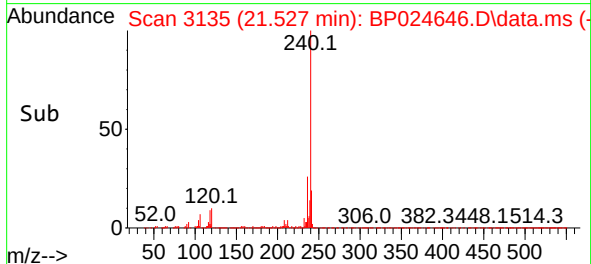
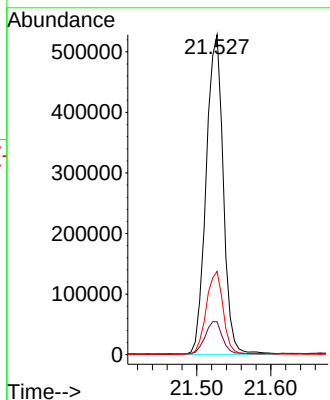
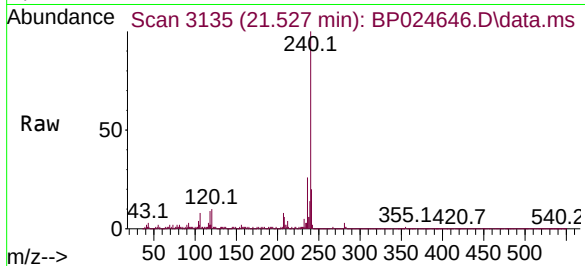




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3134
Delta R.T. 0.006 min
Lab File: BP024646.D
Acq: 15 May 2025 20:45

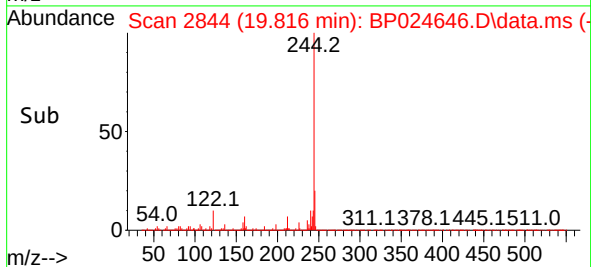
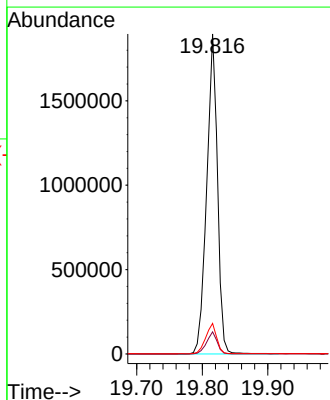
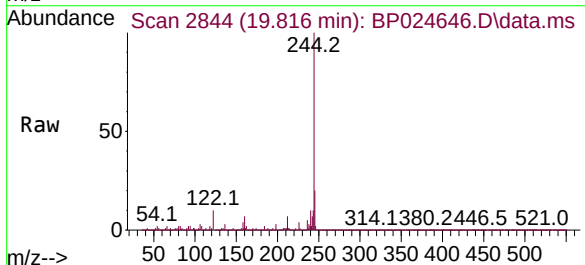
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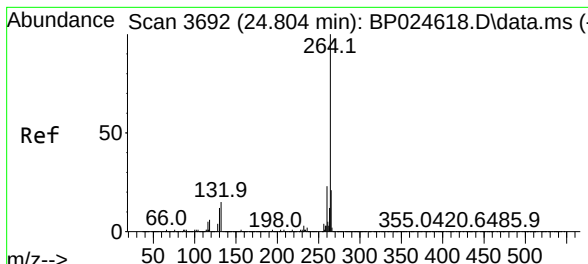
Tgt Ion:240 Resp: 846507
Ion Ratio Lower Upper
240 100
120 10.3 7.8 11.6
236 26.1 20.6 31.0



#79
Terphenyl-d14
Concen: 43.847 ng
RT: 19.816 min Scan# 2844
Delta R.T. 0.006 min
Lab File: BP024646.D
Acq: 15 May 2025 20:45

Tgt Ion:244 Resp: 2164640
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 9.6 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.810 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BP024646.D
 Acq: 15 May 2025 20:45

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-28-050725

Tgt Ion:264 Resp: 1082017

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.9	17.0	25.6

