Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
Data File : BP024533.D
Acq On : 05 May 2025 20:09
Operator : RC/JU
Sample : Q1929-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

Quant Time: May 06 04:20:20 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	7.710	152	145173	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	561713	20.000	ng	#-0.02
39) Acenaphthene-d10	14.345	164	359614	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	778412	20.000	ng	0.00
76) Chrysene-d12	21.592	240	945876	20.000	ng	0.00
86) Perylene-d12	24.921	264	911497	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1097132	124.958	ng	-0.01
7) Phenol-d6	6.905	99	1212717	100.873	ng	0.00
23) Nitrobenzene-d5	8.857	82	927450	94.148	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	888895	178.656	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2074088	88.307	ng	-0.01
79) Terphenyl-d14	19.869	244	4595120	97.921	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.869	77	22539	3.790	ng	# 1
18) Hexachloroethane	8.804	117	15031	3.884	ng	# 1
31) Naphthalene	10.540	128	8379465	283.196	ng	98
33) 4-Chloroaniline	10.540	127	1135723	108.994	ng	# 35
37) 2-Methylnaphthalene	12.145	142	651991	31.773	ng	97
38) 1-Methylnaphthalene	12.363	142	651479	32.453	ng	99
46) 1,1'-Biphenyl	13.163	154	94300	3.567	ng	98
52) Acenaphthene	14.410	154	236171	11.977	ng	99
58) Fluorene	15.410	166	115578	4.632	ng	100
71) Phenanthrene	17.186	178	239201	5.633	ng	99
72) Anthracene	17.186	178	239201	5.845	ng	99

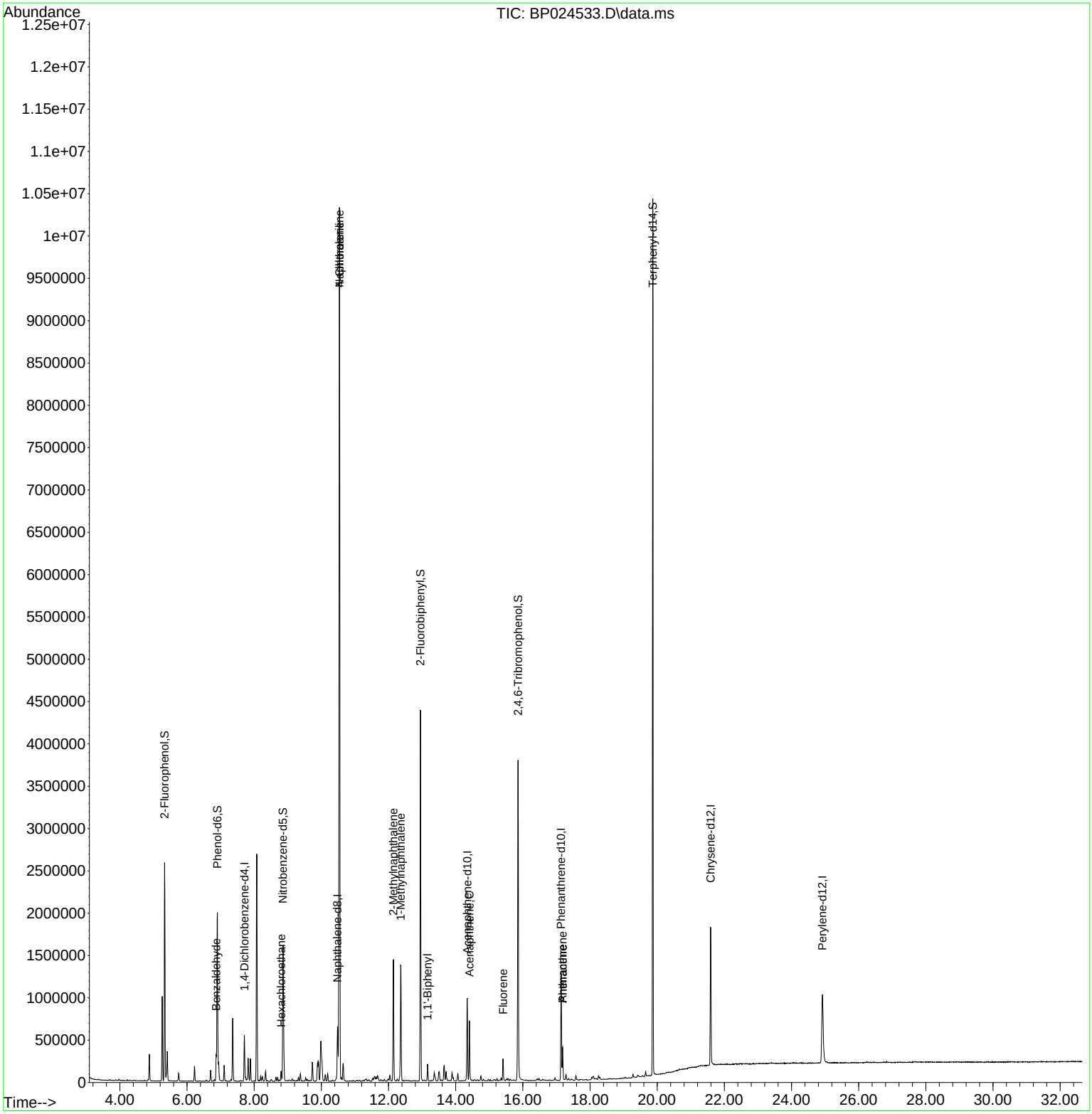
(#) = qualifier out of range (m) = manual integration (+) = signals summed

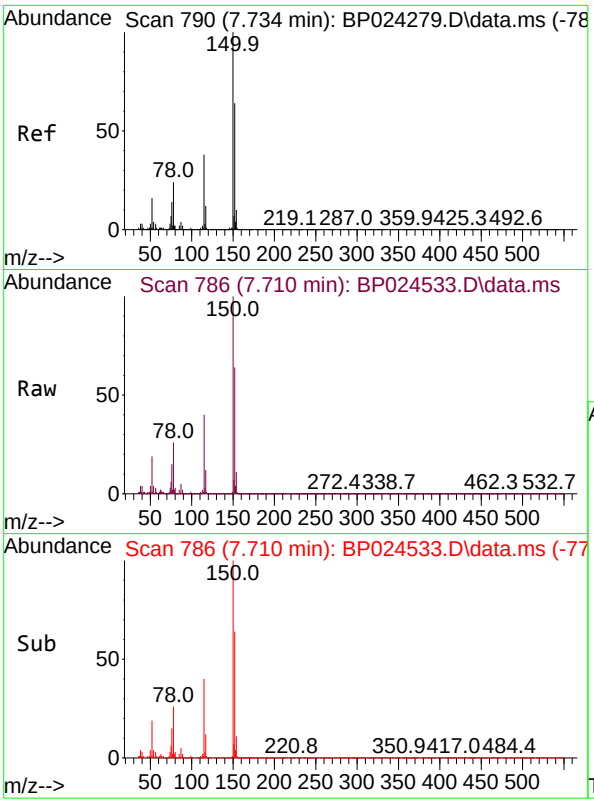
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
Data File : BP024533.D
Acq On : 05 May 2025 20:09
Operator : RC/JU
Sample : Q1929-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

Quant Time: May 06 04:20:20 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



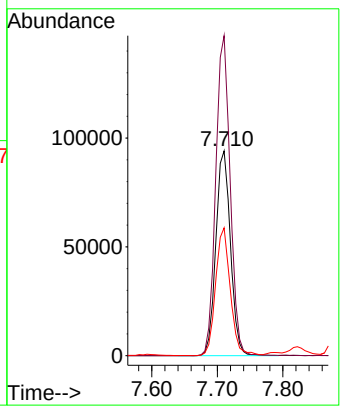


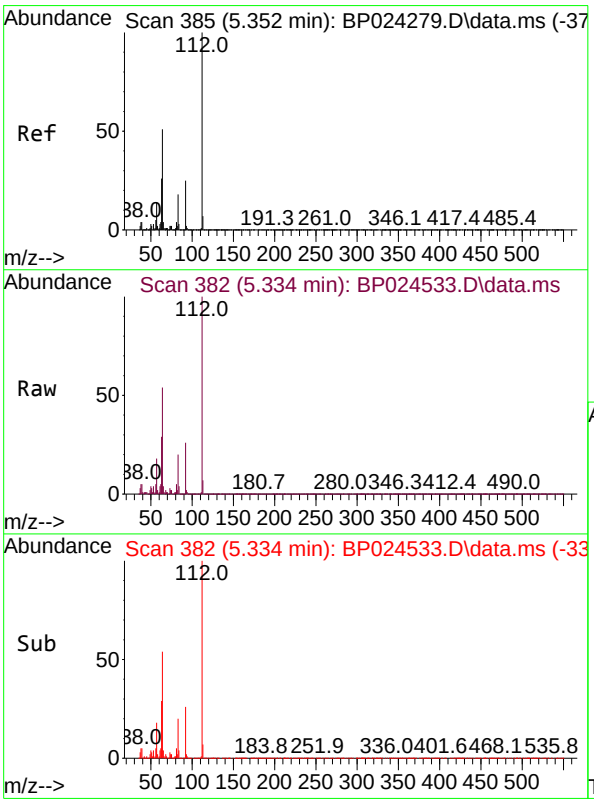
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

Tgt Ion:152 Resp: 145173

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.9	187.3
115	62.4	47.7	71.5

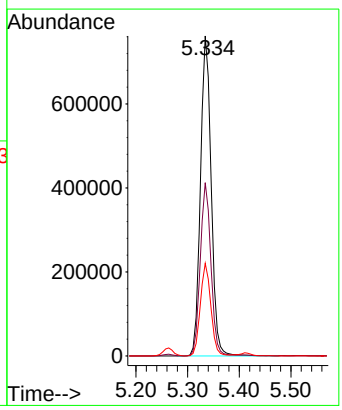


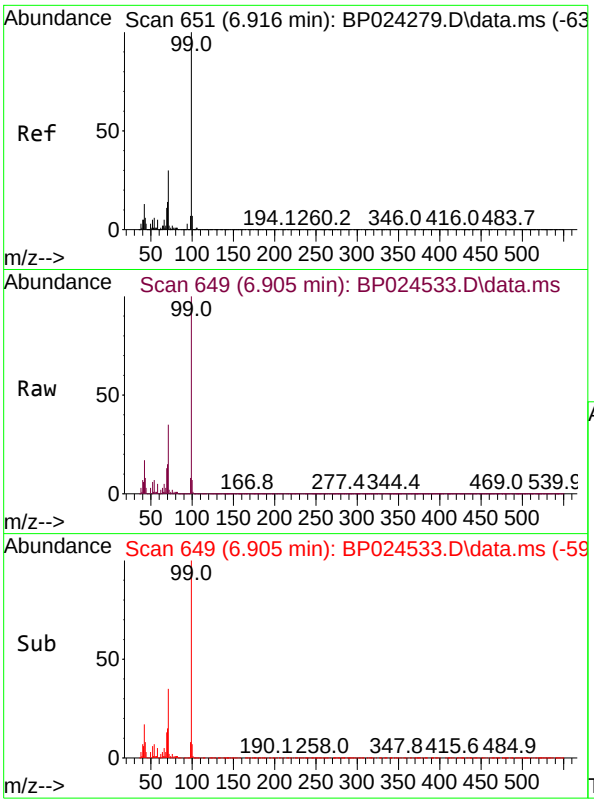


#5
2-Fluorophenol
Concen: 124.958 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Tgt Ion:112 Resp: 1097132

Ion	Ratio	Lower	Upper
112	100		
64	54.2	41.1	61.7
63	28.9	20.6	30.8



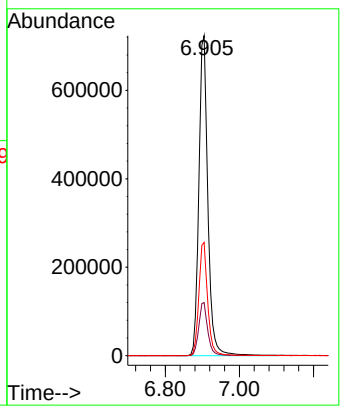


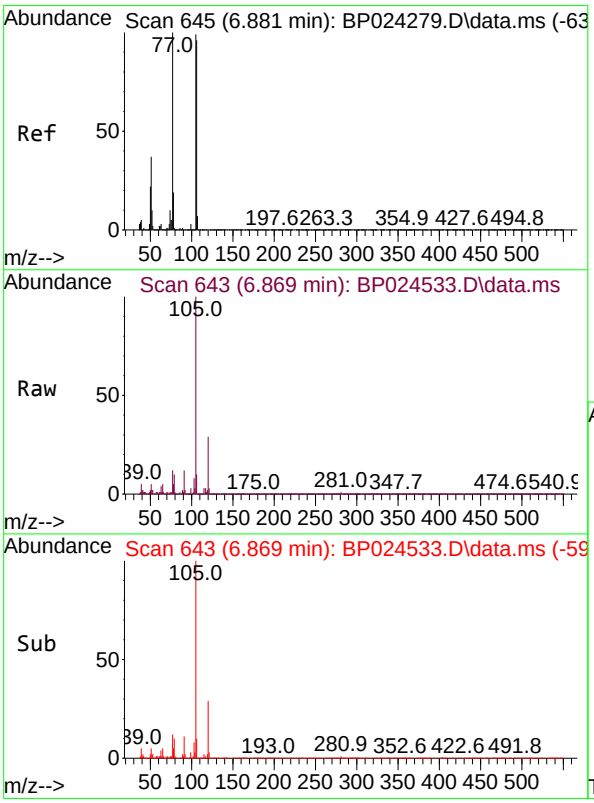
#7
Phenol-d6
Concen: 100.873 ng
RT: 6.905 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

Tgt Ion: 99 Resp: 1212717

Ion	Ratio	Lower	Upper
99	100		
42	16.6	10.6	16.0#
71	35.4	23.7	35.5

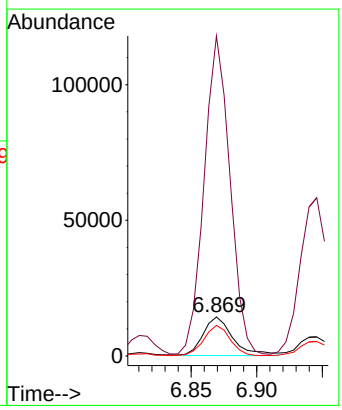


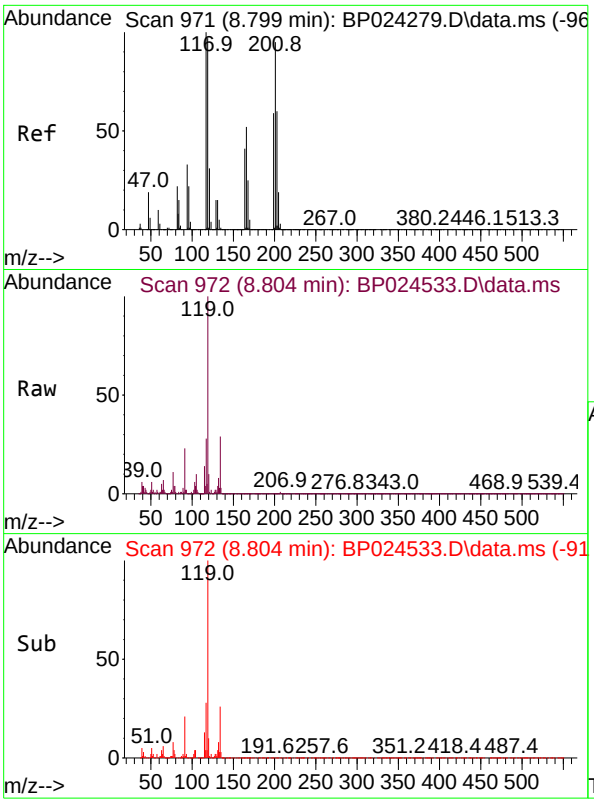


#9
Benzaldehyde
Concen: 3.790 ng
RT: 6.869 min Scan# 643
Delta R.T. -0.012 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Tgt Ion: 77 Resp: 22539

Ion	Ratio	Lower	Upper
77	100		
105	818.8	79.2	119.2#
106	78.4	76.2	116.2



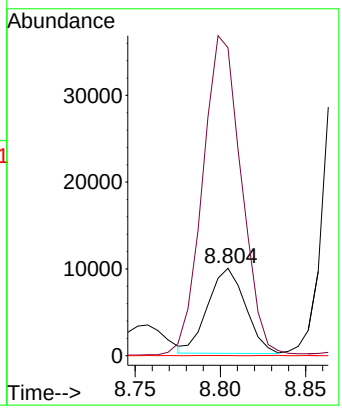


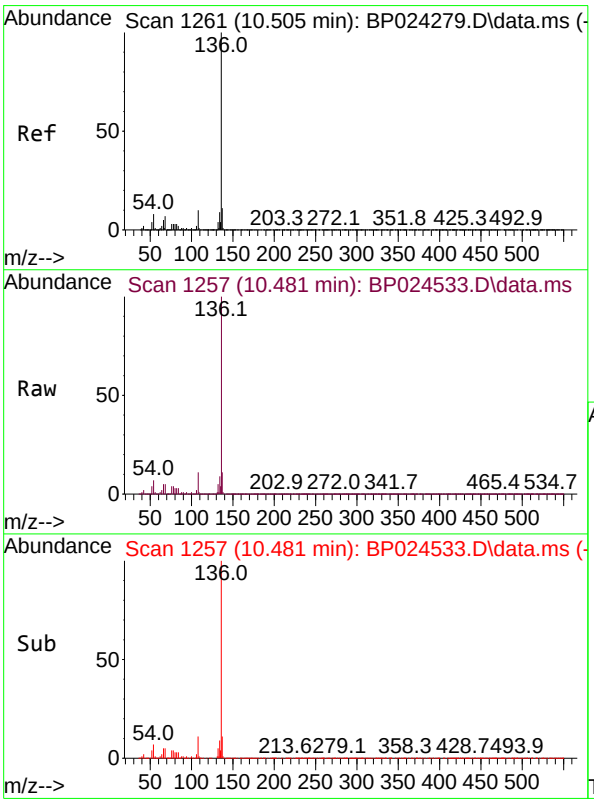
#18
Hexachloroethane
Concen: 3.884 ng
RT: 8.804 min Scan# 9
Delta R.T. 0.012 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

Tgt Ion:117 Resp: 15031

Ion	Ratio	Lower	Upper
117	100		
119	352.4	77.8	116.6#
201	0.2	75.9	113.9#

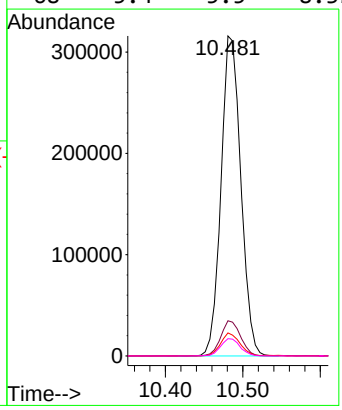


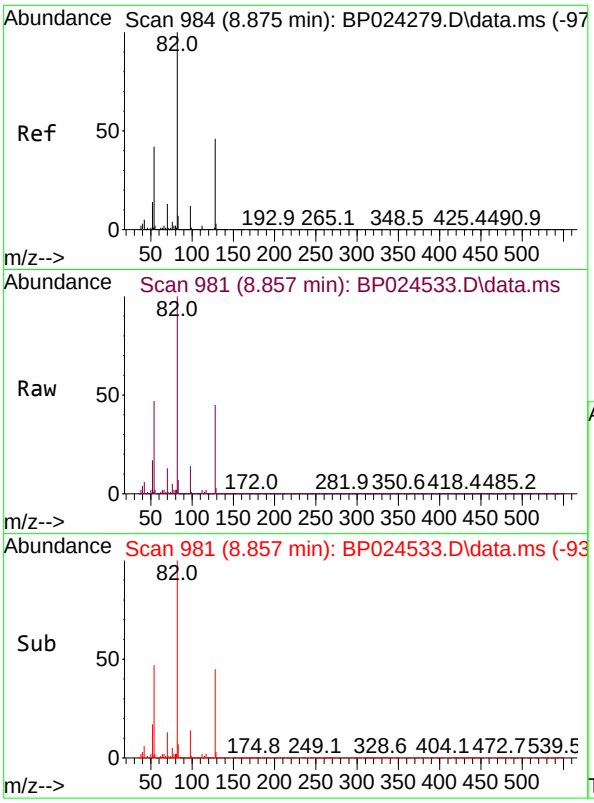


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Tgt Ion:136 Resp: 561713

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.2	6.0	9.0
68	5.4	5.5	8.3#



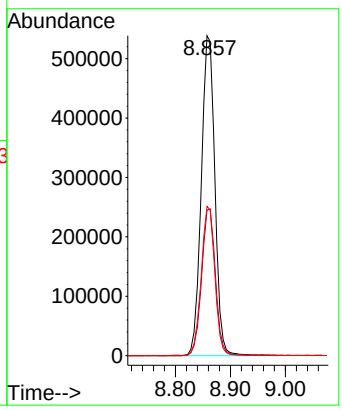


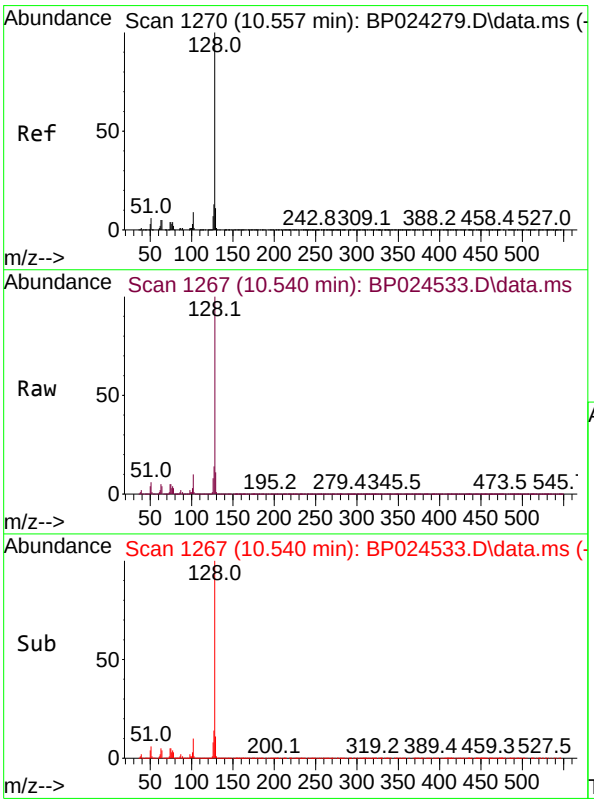
#23
Nitrobenzene-d5
Concen: 94.148 ng
RT: 8.857 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

Tgt Ion: 82 Resp: 927450

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.5	54.7
54	46.7	33.4	50.2

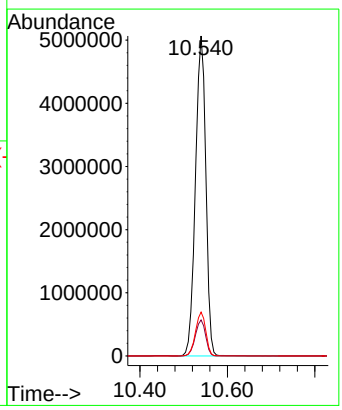


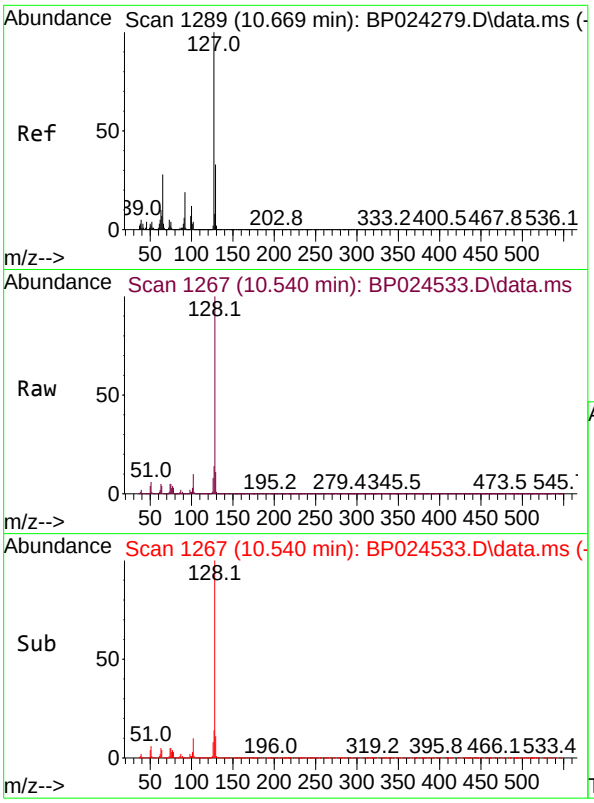


#31
Naphthalene
Concen: 283.196 ng
RT: 10.540 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Tgt Ion:128 Resp: 8379465

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.7	10.3	15.5



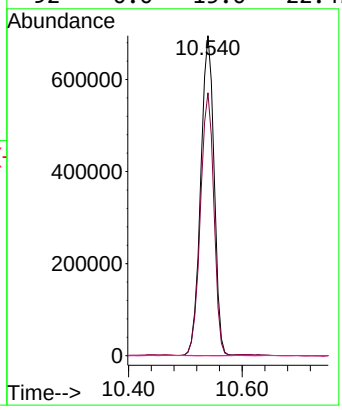


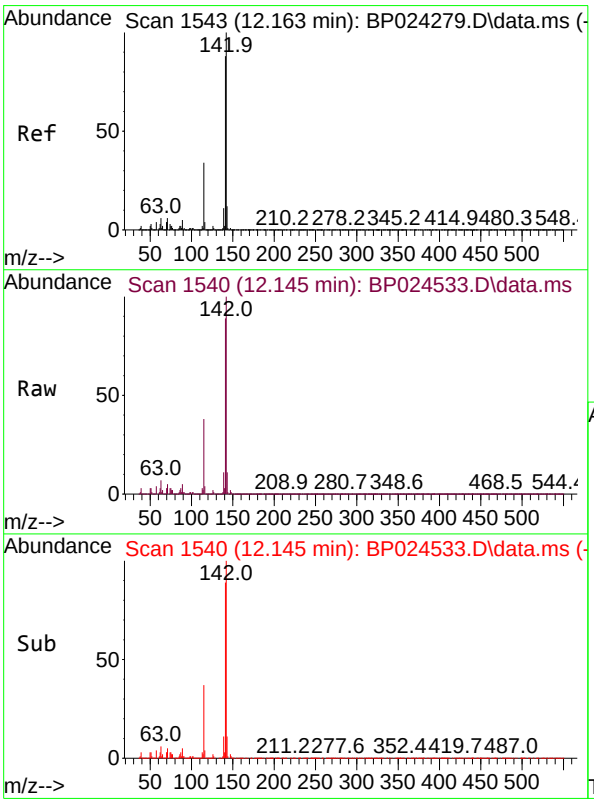
#33
4-Chloroaniline
Concen: 108.994 ng
RT: 10.540 min Scan# 1
Delta R.T. -0.124 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

Tgt Ion:127 Resp: 1135723

Ion	Ratio	Lower	Upper
127	100		
129	82.2	26.1	39.1#
65	0.0	22.1	33.1#
92	0.0	15.0	22.4#

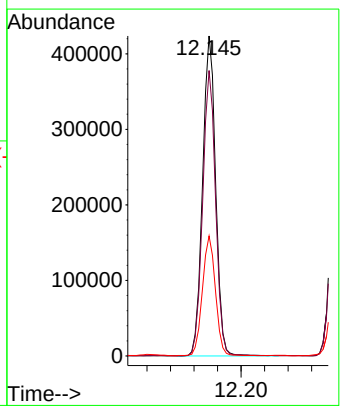


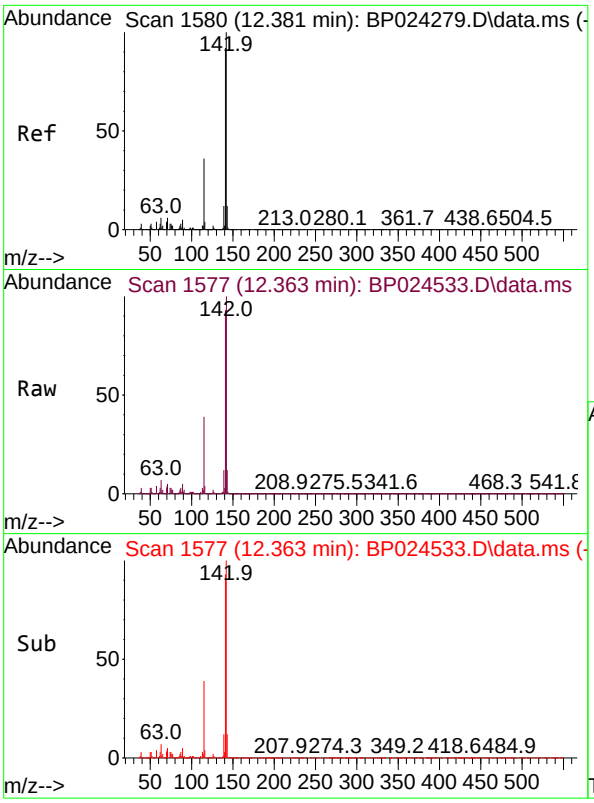


#37
2-Methylnaphthalene
Concen: 31.773 ng
RT: 12.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Tgt Ion:142 Resp: 651991

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.3	105.5
115	37.5	26.9	40.3



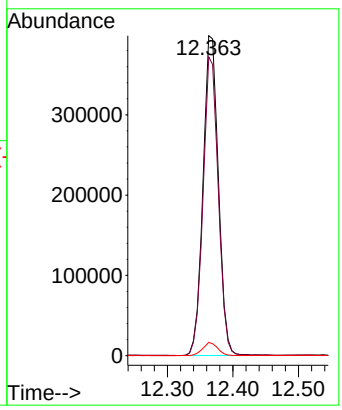


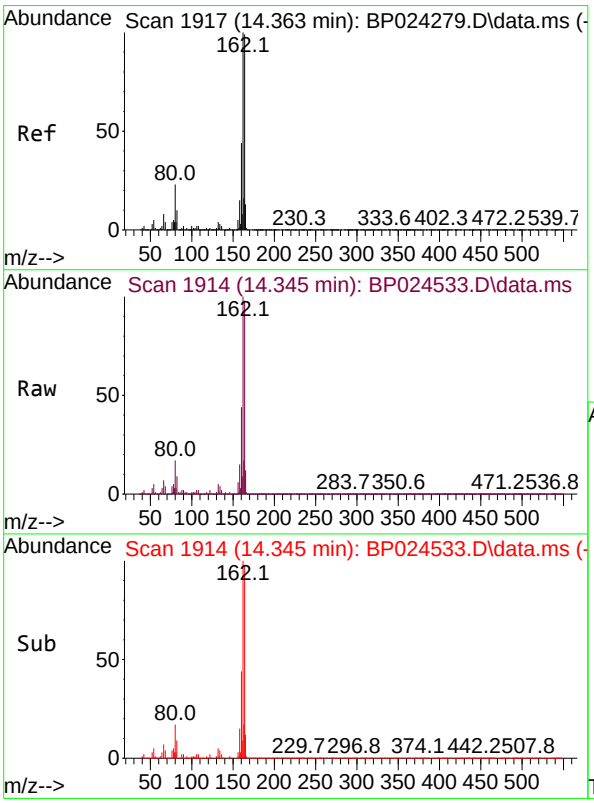
#38
1-Methylnaphthalene
Concen: 32.453 ng
RT: 12.363 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

Tgt Ion:142 Resp: 651479

Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.6	110.4
116	4.2	3.0	4.6

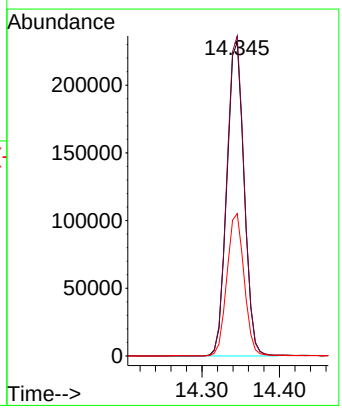


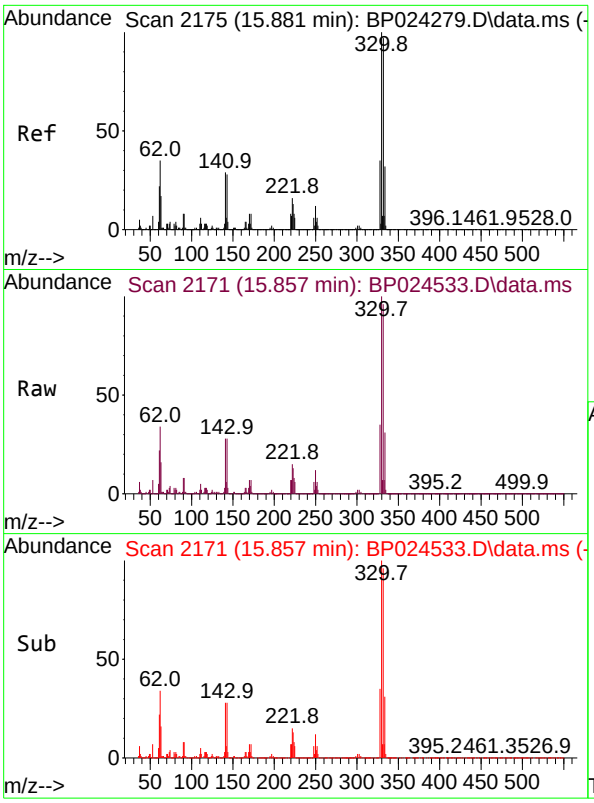


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Tgt Ion:164 Resp: 359614

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	45.4	35.3	52.9



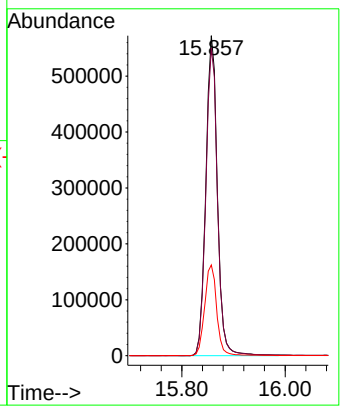


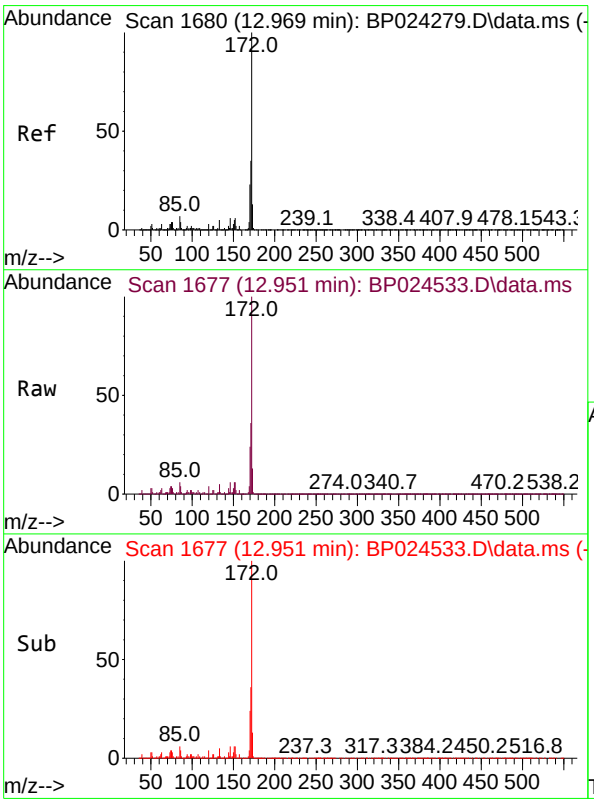
#42
2,4,6-Tribromophenol
Concen: 178.656 ng
RT: 15.857 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

Tgt Ion:330 Resp: 888895

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	29.5	24.7	37.1

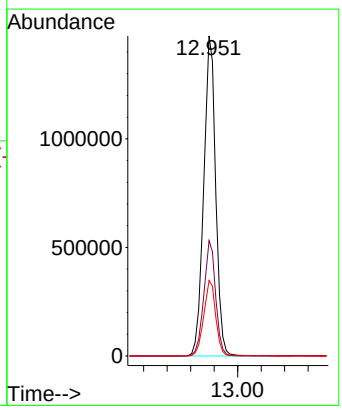


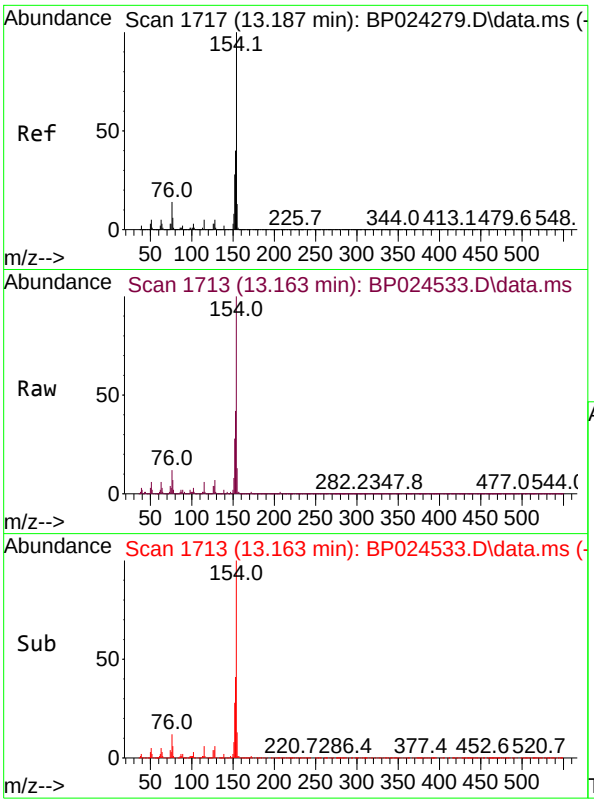


#45
2-Fluorobiphenyl
Concen: 88.307 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Tgt Ion:172 Resp: 2074088

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.2
170	23.6	18.6	27.8



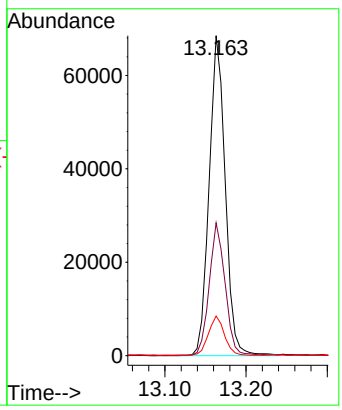


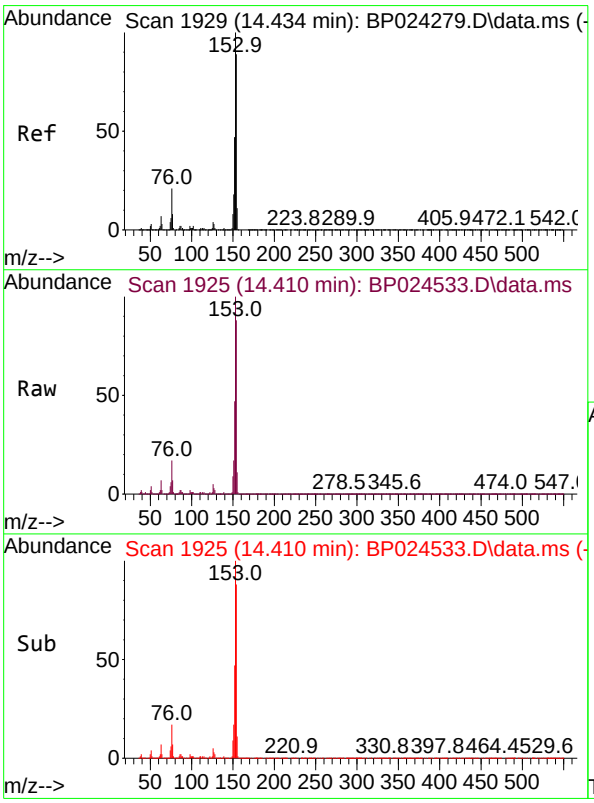
#46
1,1'-Biphenyl
Concen: 3.567 ng
RT: 13.163 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

Tgt Ion:154 Resp: 94300

Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.3	60.3
76	12.4	0.0	33.5

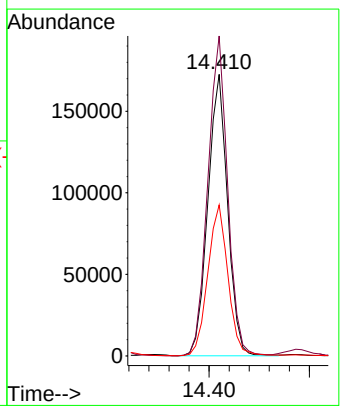


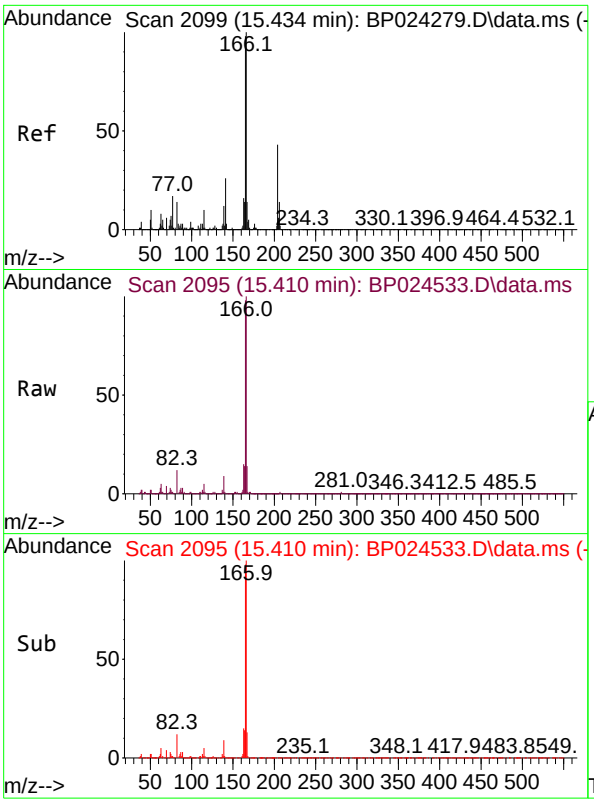


#52
Acenaphthene
Concen: 11.977 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.012 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Tgt Ion:154 Resp: 236171

Ion	Ratio	Lower	Upper
154	100		
153	113.6	89.8	134.6
152	53.6	42.6	63.8



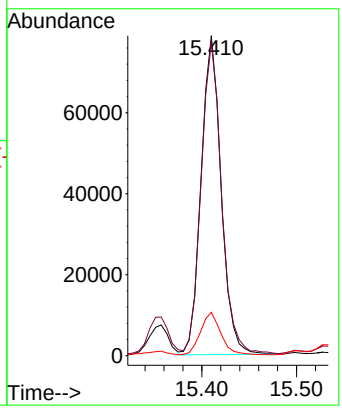


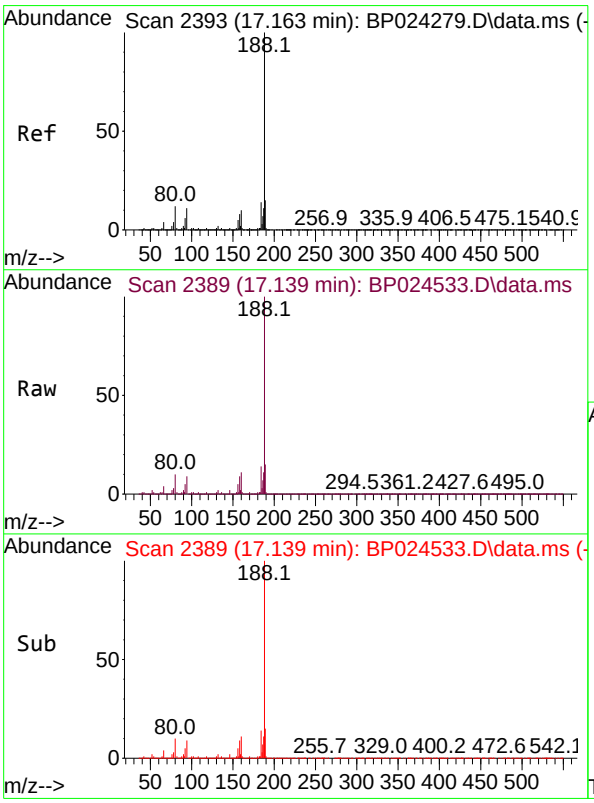
#58
Fluorene
Concen: 4.632 ng
RT: 15.410 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

Tgt Ion:166 Resp: 115578

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.1	117.1
167	13.6	10.9	16.3

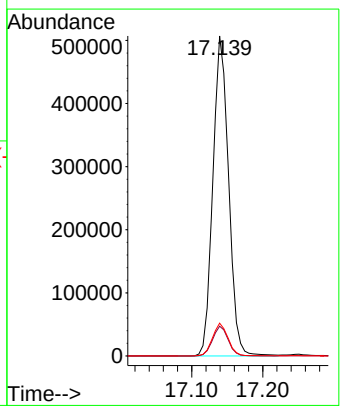


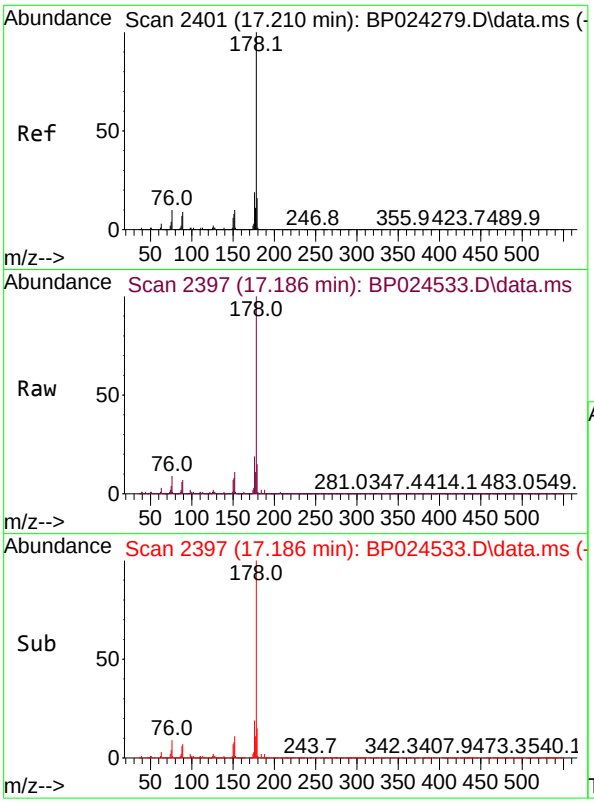


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Tgt Ion:188 Resp: 778412

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.6	13.0
80	10.2	9.8	14.6



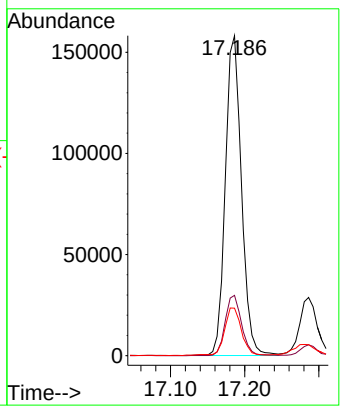


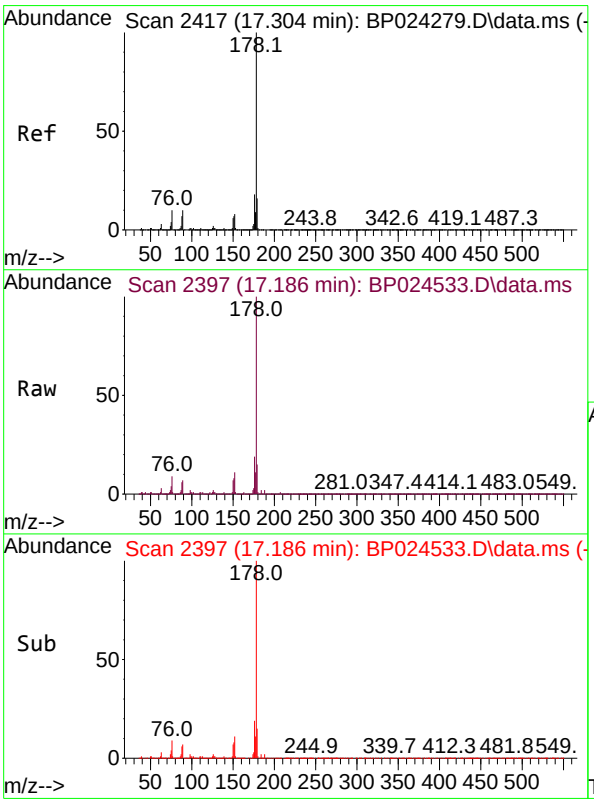
#71
Phenanthrene
Concen: 5.633 ng
RT: 17.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

Tgt Ion:178 Resp: 239201

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	14.8	12.5	18.7

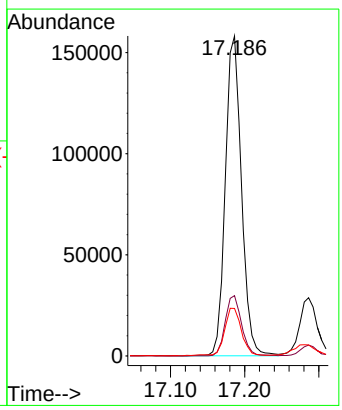


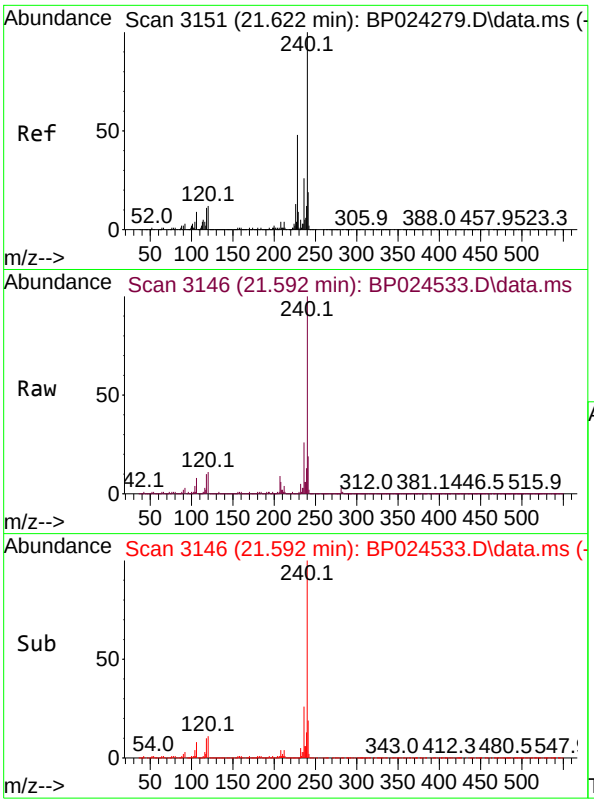


#72
Anthracene
Concen: 5.845 ng
RT: 17.186 min Scan# 2397
Delta R.T. -0.100 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Tgt Ion:178 Resp: 239201

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	14.8	12.4	18.6



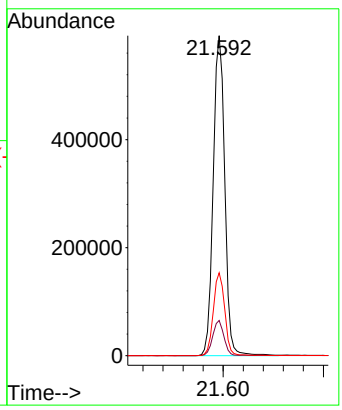


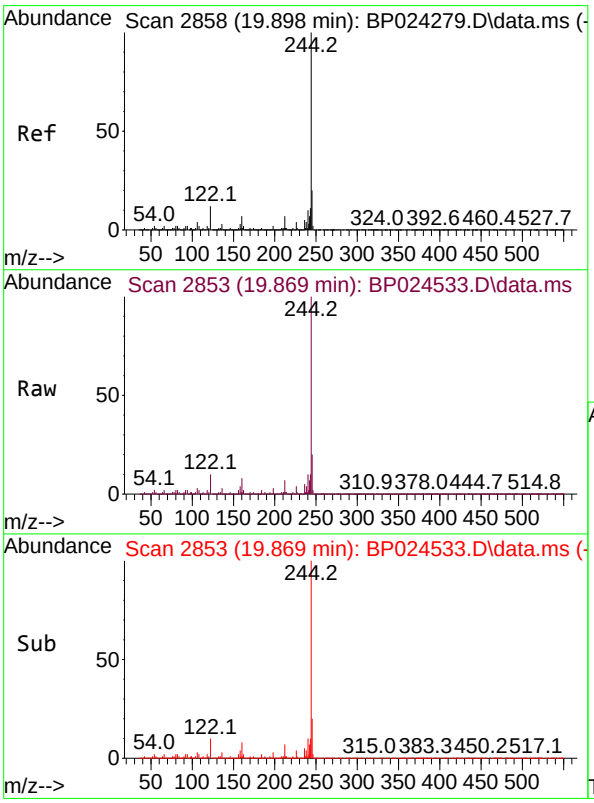
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

Tgt Ion:240 Resp: 945876

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.8	14.8
236	25.9	20.9	31.3

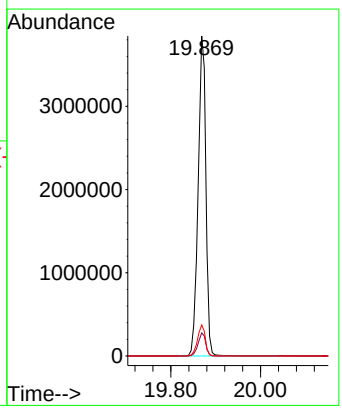


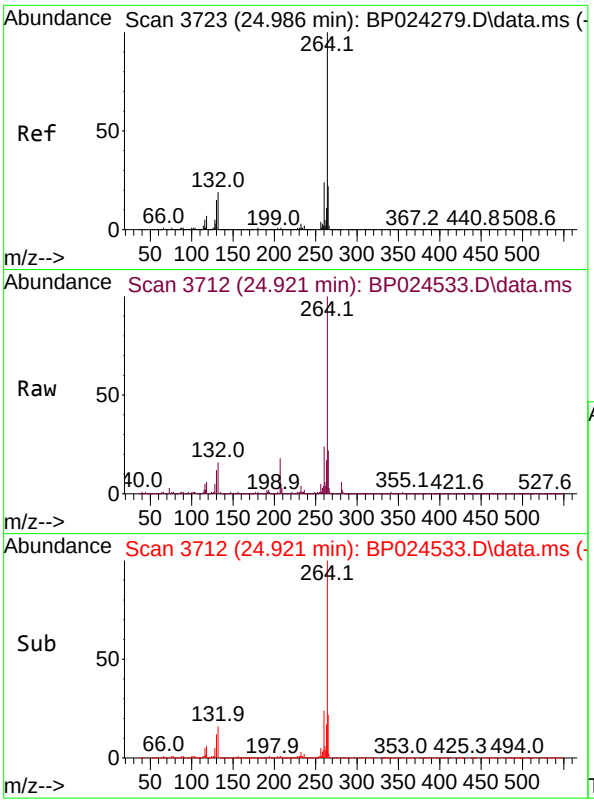


#79
Terphenyl-d14
Concen: 97.921 ng
RT: 19.869 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Tgt Ion:244 Resp: 4595120

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	9.7	9.4	14.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.921 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

Tgt Ion:264 Resp: 911497

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	22.2	17.8	26.6