Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
Data File : BP024532.D
Acq On : 05 May 2025 19:28
Operator : RC/JU
Sample : Q1929-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

Quant Time: May 06 04:19:56 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	134404	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	525227	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	306807	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	669885	20.000	ng	# 0.00
76) Chrysene-d12	21.592	240	845035	20.000	ng	# 0.00
86) Perylene-d12	24.921	264	480285	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1037351	127.616	ng	-0.01
7) Phenol-d6	6.905	99	1136944	102.147	ng	0.00
23) Nitrobenzene-d5	8.857	82	866182	94.037	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	749557	176.581	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	1863196	92.982	ng	-0.02
79) Terphenyl-d14	19.874	244	3993007	95.244	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.534	128	2859524	103.355	ng	100
37) 2-Methylnaphthalene	12.140	142	580627	30.261	ng	97
38) 1-Methylnaphthalene	12.363	142	413380	22.023	ng	99
46) 1,1'-Biphenyl	13.163	154	72797	3.228	ng	98
52) Acenaphthene	14.404	154	306685	18.229	ng	98
58) Fluorene	15.404	166	144515	6.789	ng	99
71) Phenanthrene	17.181	178	388582	10.633	ng	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
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Misc :
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QLast Update : Fri Apr 18 12:04:48 2025
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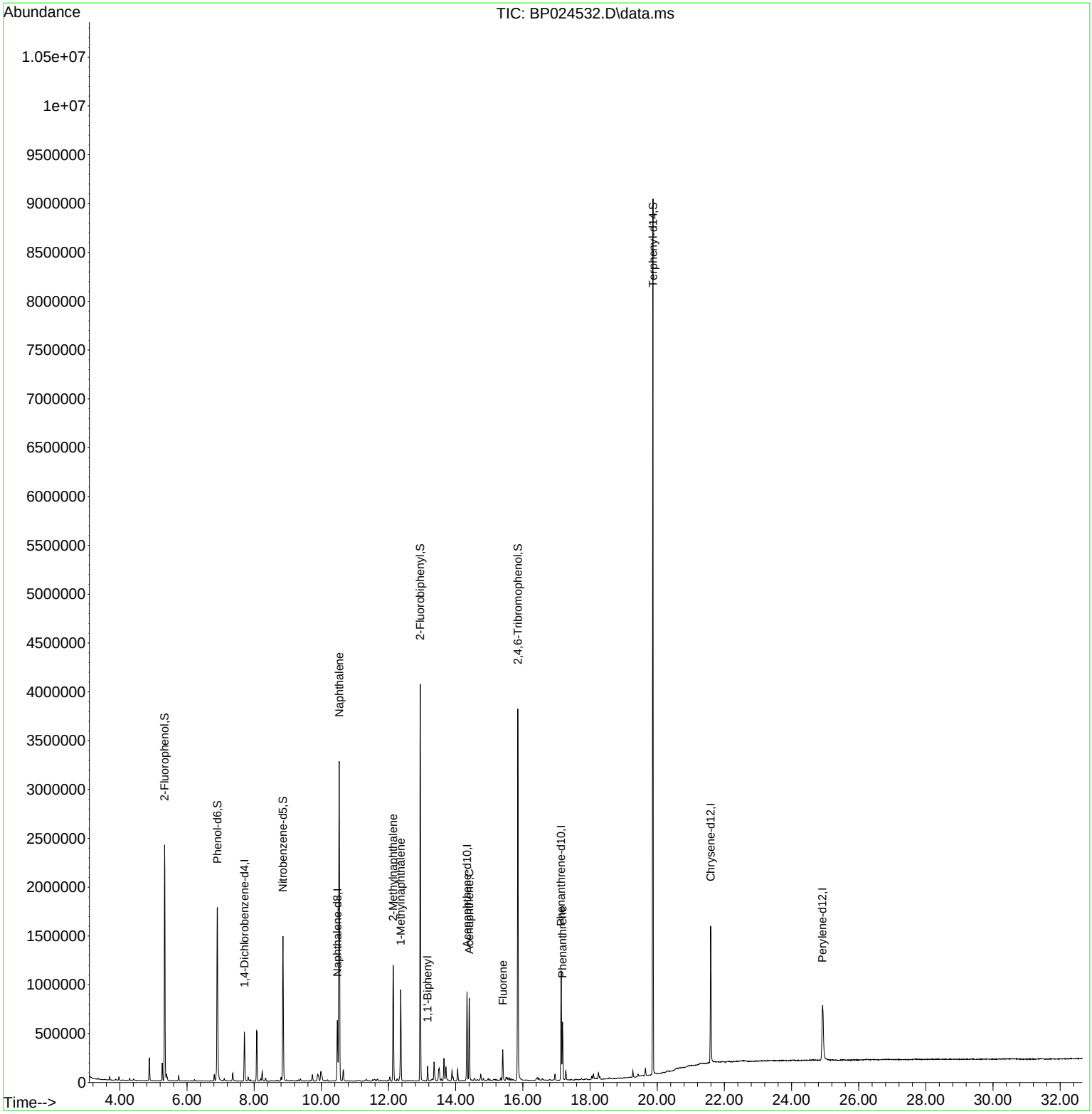
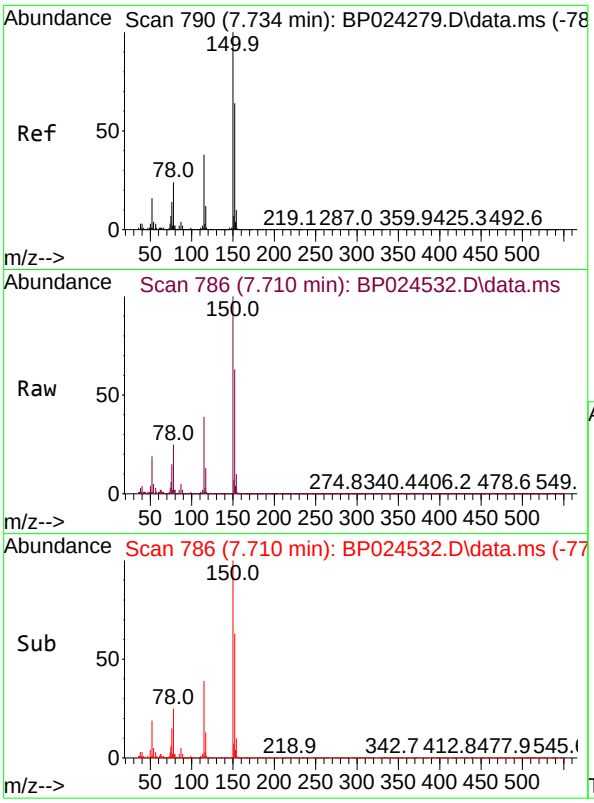


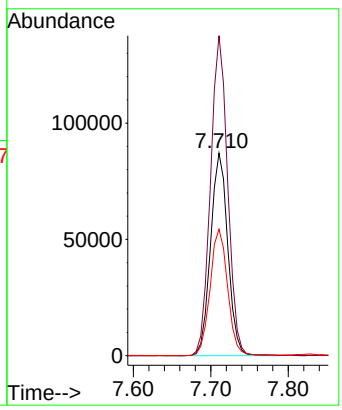


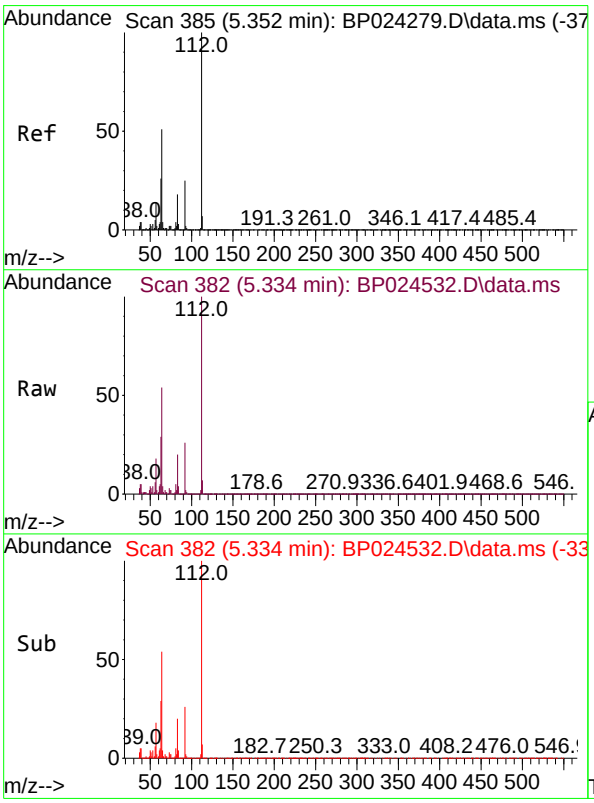
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

Tgt Ion:152 Resp: 134404

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.9	187.3
115	62.4	47.7	71.5

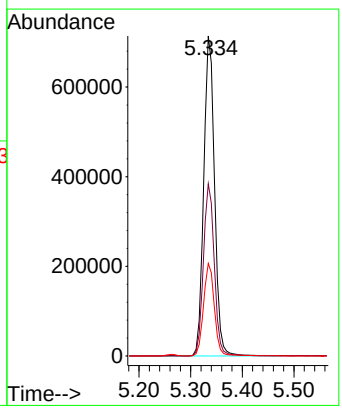


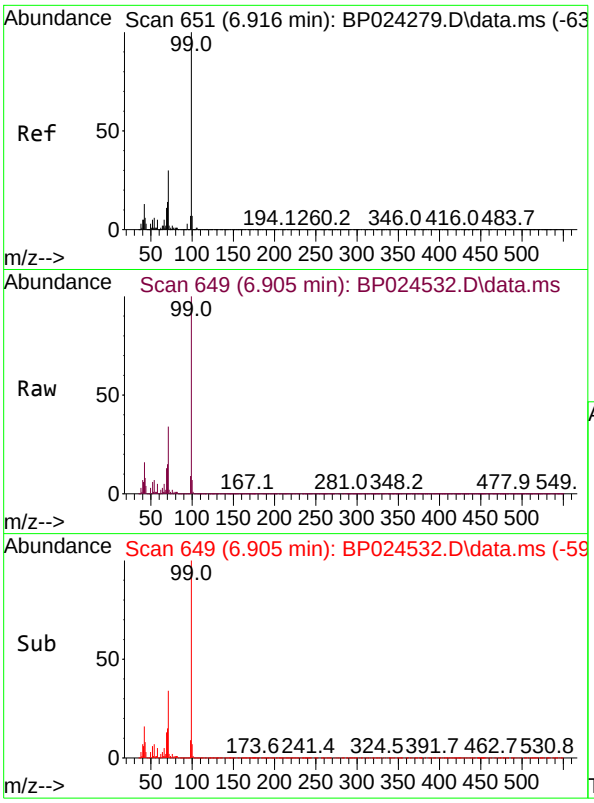


#5
2-Fluorophenol
Concen: 127.616 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion:112 Resp: 1037351

Ion	Ratio	Lower	Upper
112	100		
64	53.8	41.1	61.7
63	28.9	20.6	30.8



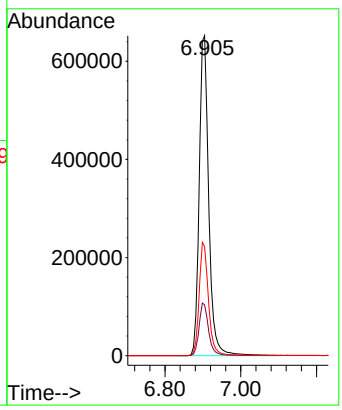


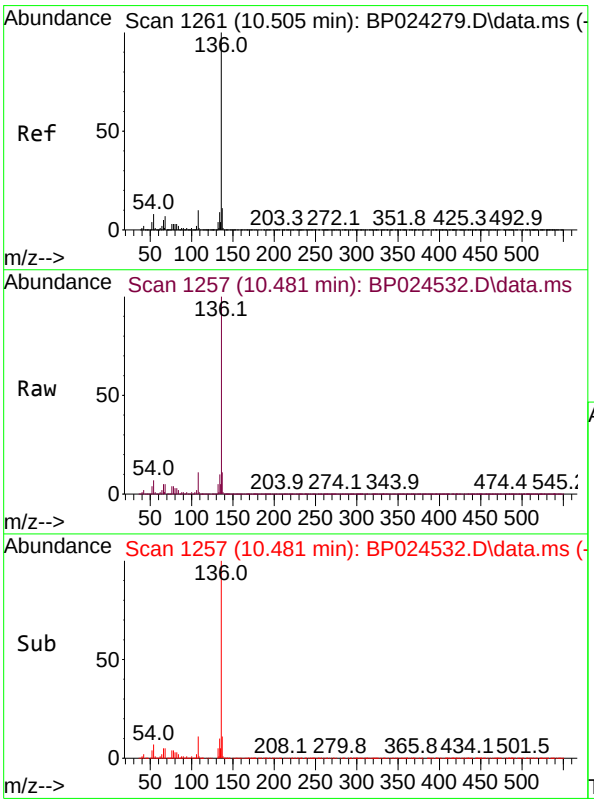
#7
Phenol-d6
Concen: 102.147 ng
RT: 6.905 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

Tgt Ion: 99 Resp: 1136944

Ion	Ratio	Lower	Upper
99	100		
42	15.9	10.6	16.0
71	34.1	23.7	35.5

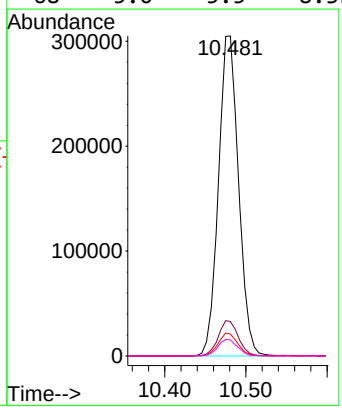


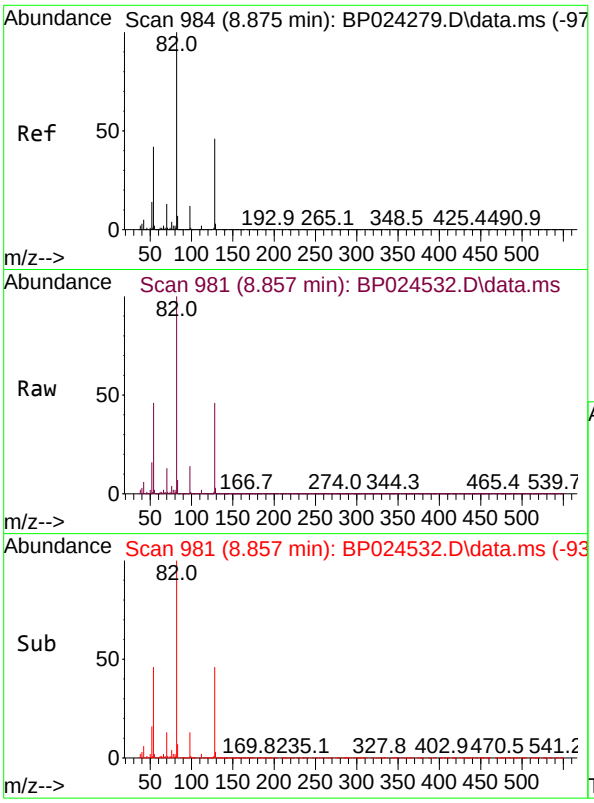


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion:136 Resp: 525227

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	6.8	6.0	9.0
68	5.0	5.5	8.3#



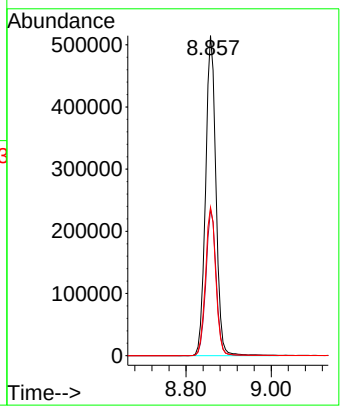


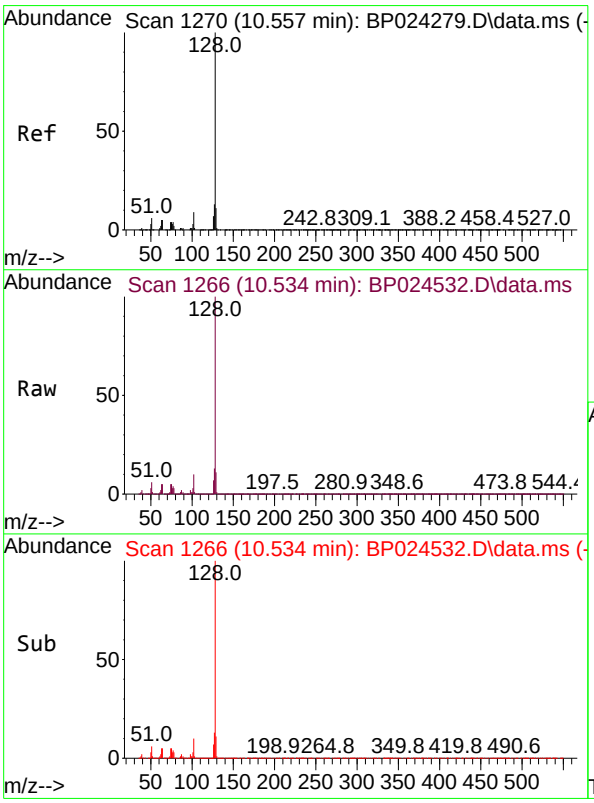
#23
Nitrobenzene-d5
Concen: 94.037 ng
RT: 8.857 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

Tgt Ion: 82 Resp: 866182

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.5	54.7
54	46.4	33.4	50.2

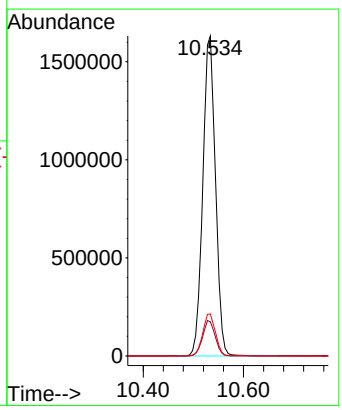


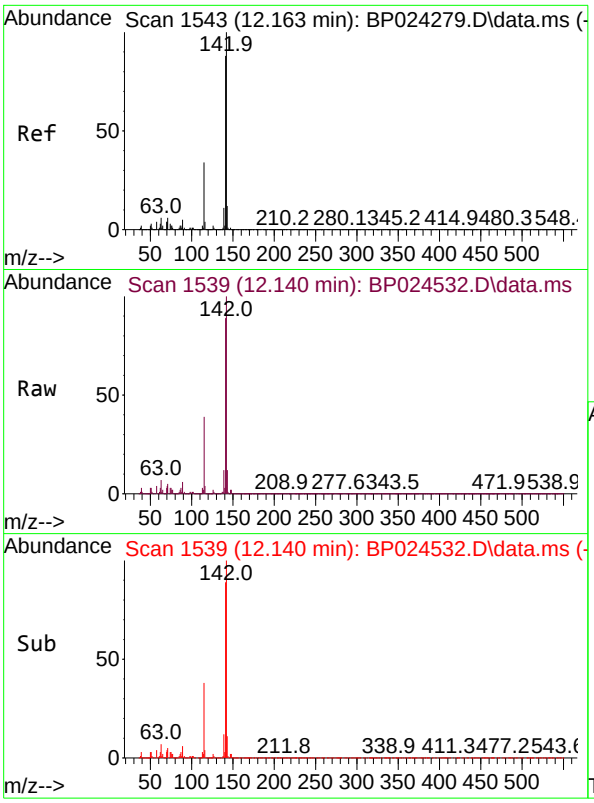


#31
Naphthalene
Concen: 103.355 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion:128 Resp: 2859524

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	13.1	10.3	15.5



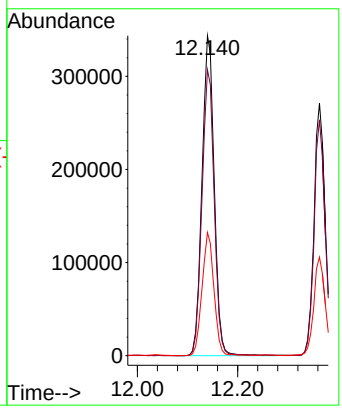


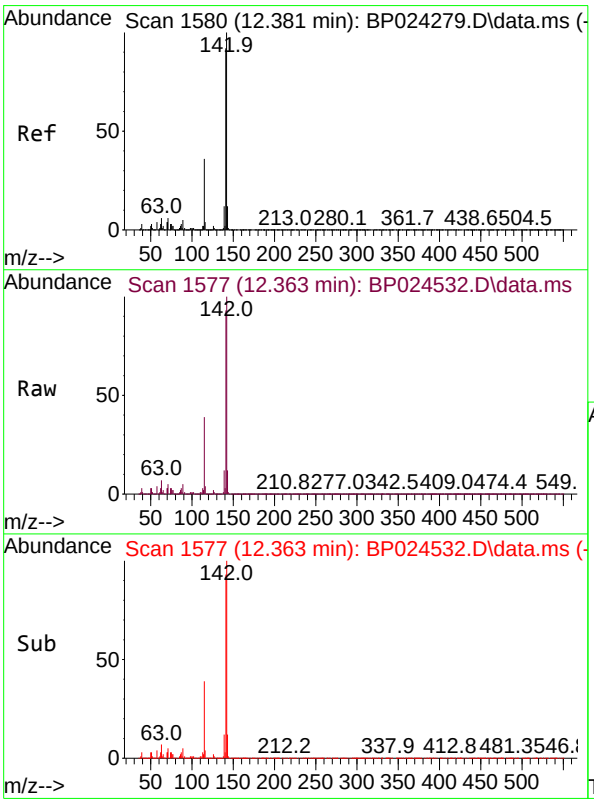
#37
2-Methylnaphthalene
Concen: 30.261 ng
RT: 12.140 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

Tgt Ion:142 Resp: 580627

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5
115	38.5	26.9	40.3

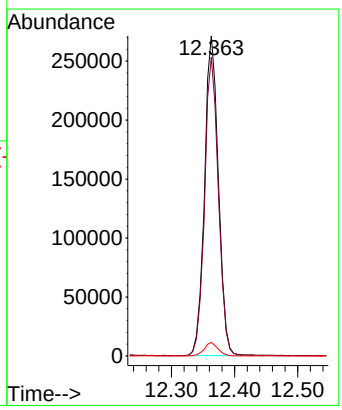


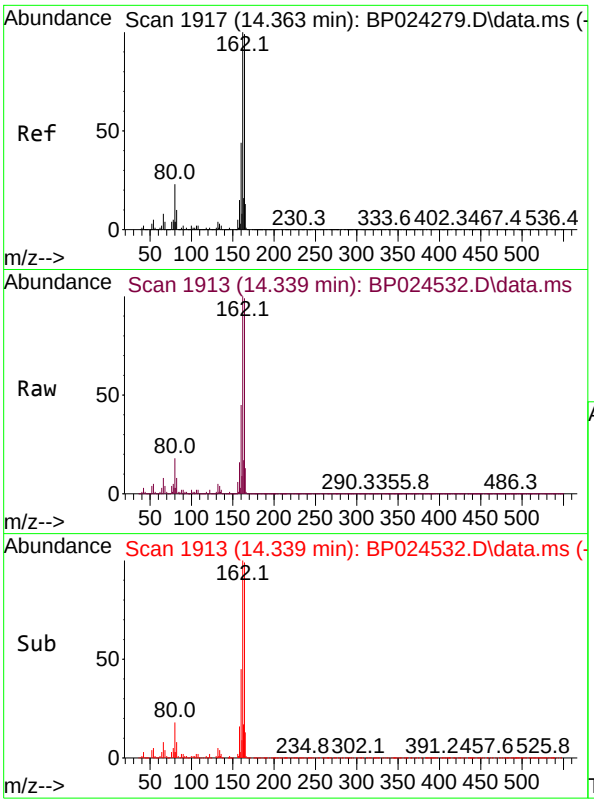


#38
1-Methylnaphthalene
Concen: 22.023 ng
RT: 12.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion:142 Resp: 413380

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.6	110.4
116	4.2	3.0	4.6



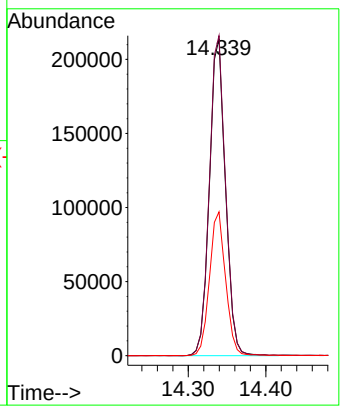


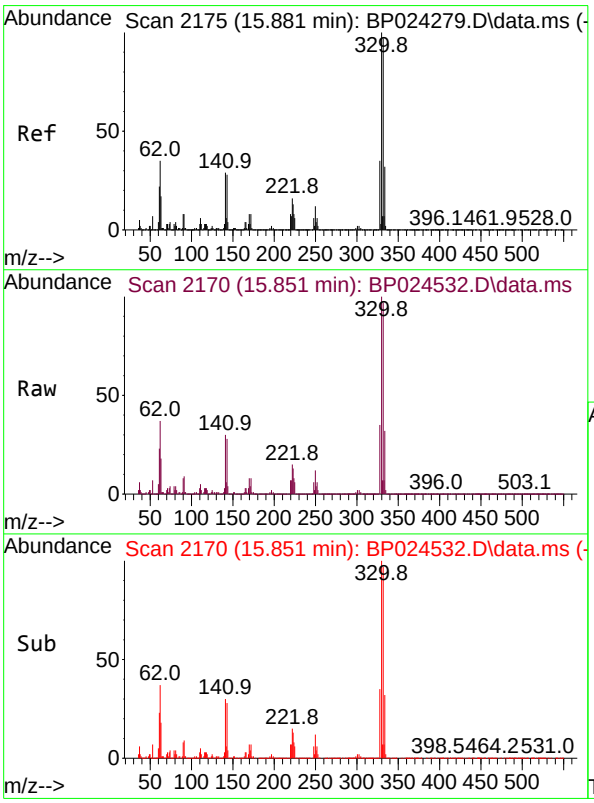
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

Tgt Ion:164 Resp: 306807

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.6	120.8
160	45.4	35.3	52.9

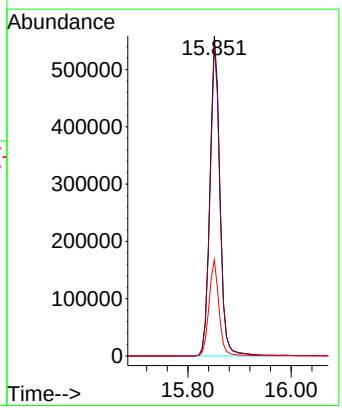


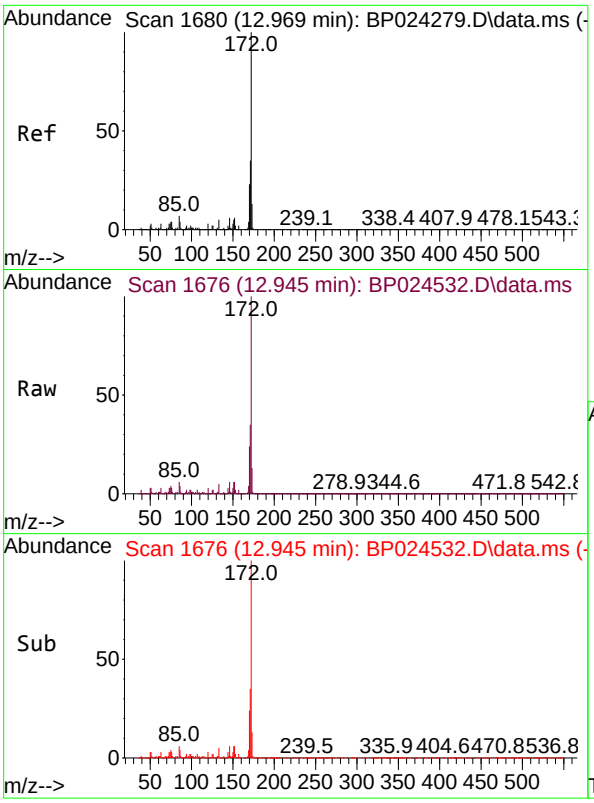


#42
2,4,6-Tribromophenol
Concen: 176.581 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion:330 Resp: 749557

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	30.1	24.7	37.1



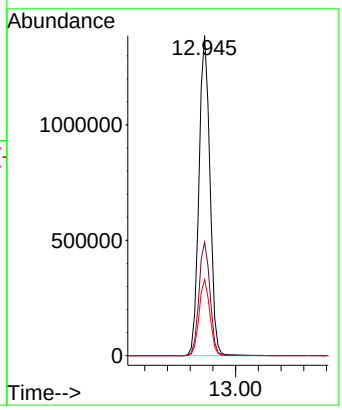


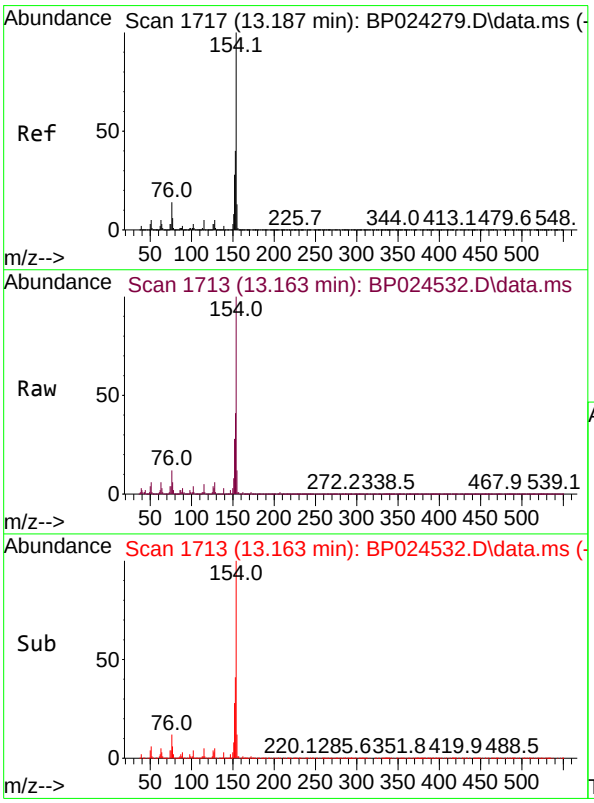
#45
2-Fluorobiphenyl
Concen: 92.982 ng
RT: 12.945 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

Tgt Ion:172 Resp: 1863196

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.7	18.6	27.8

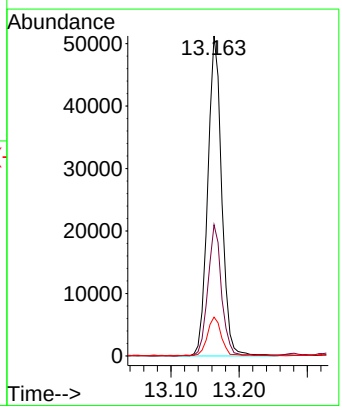


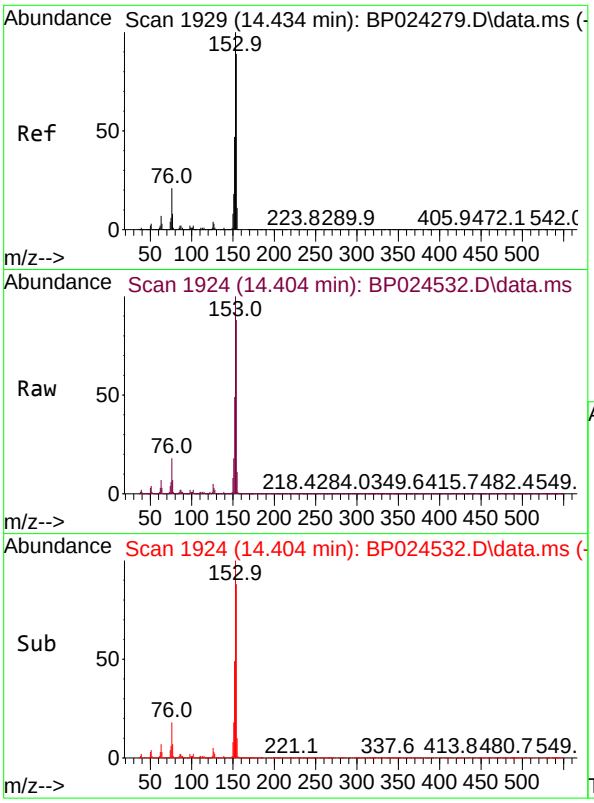


#46
1,1'-Biphenyl
Concen: 3.228 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion:154 Resp: 72797

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.3	60.3
76	12.1	0.0	33.5



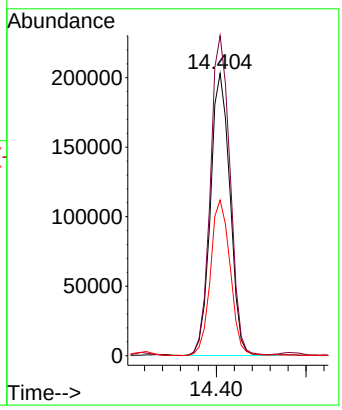


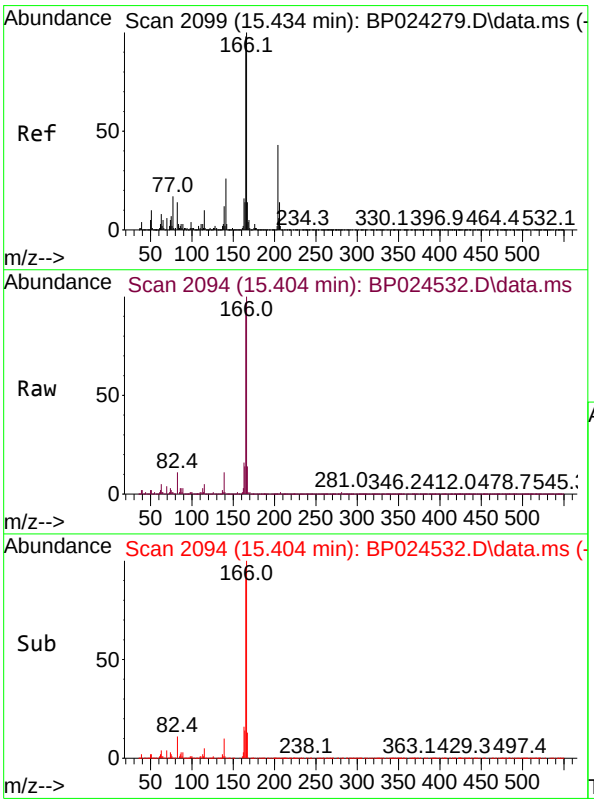
#52
Acenaphthene
Concen: 18.229 ng
RT: 14.404 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

Tgt Ion:154 Resp: 306685

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.8	134.6
152	55.2	42.6	63.8

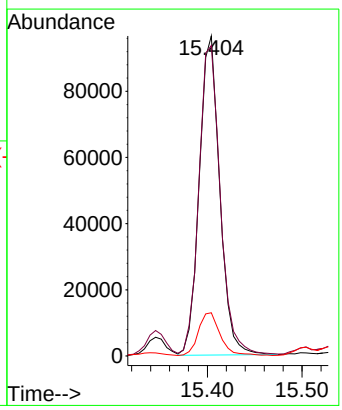


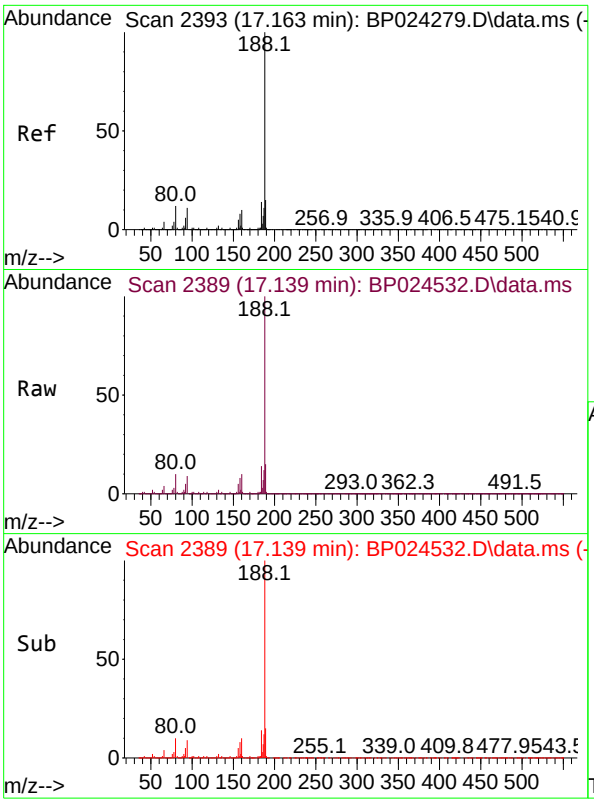


#58
Fluorene
Concen: 6.789 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion:166 Resp: 144515

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.1	117.1
167	13.5	10.9	16.3



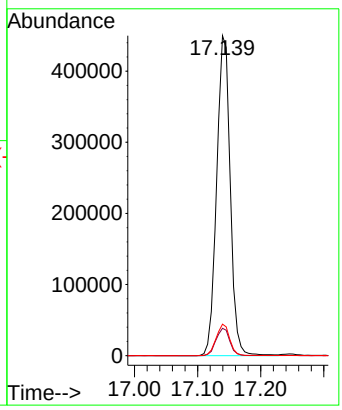


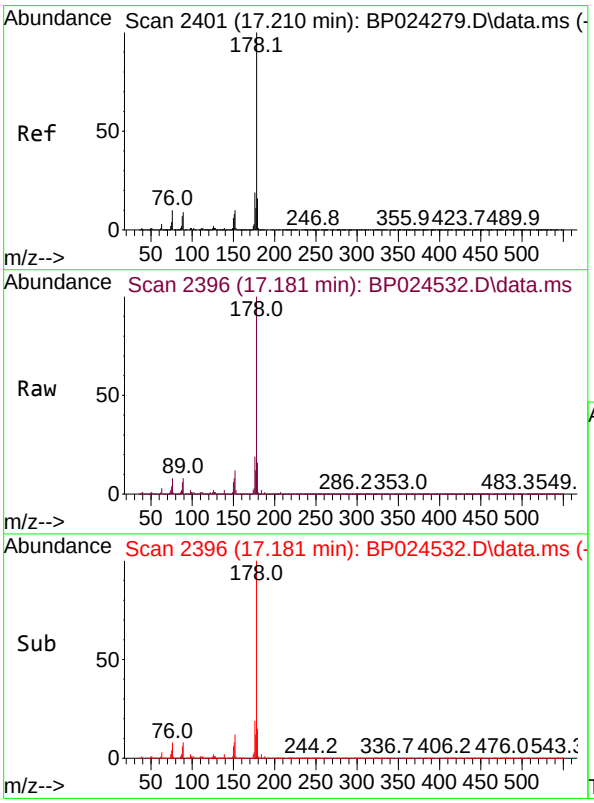
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

Tgt Ion:188 Resp: 669885

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.6	13.0#
80	9.9	9.8	14.6

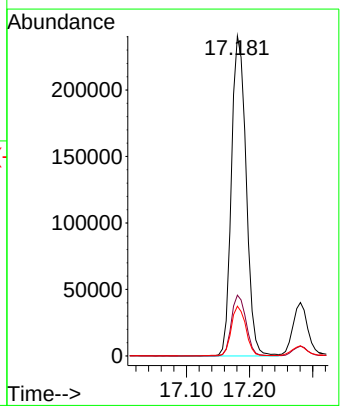


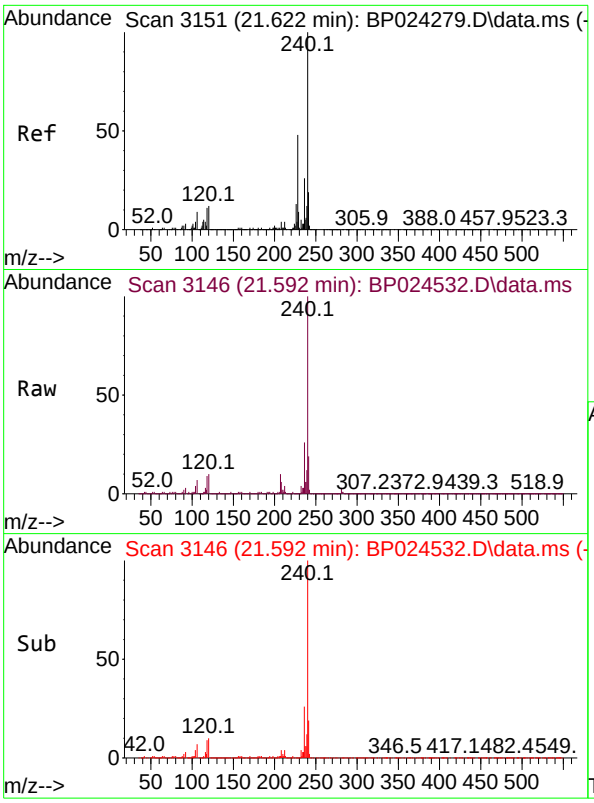


#71
Phenanthrene
Concen: 10.633 ng
RT: 17.181 min Scan# 2396
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion:178 Resp: 388582

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.5	12.5	18.7



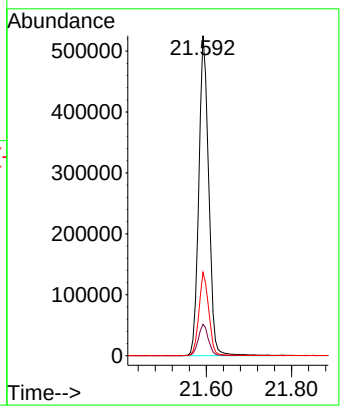


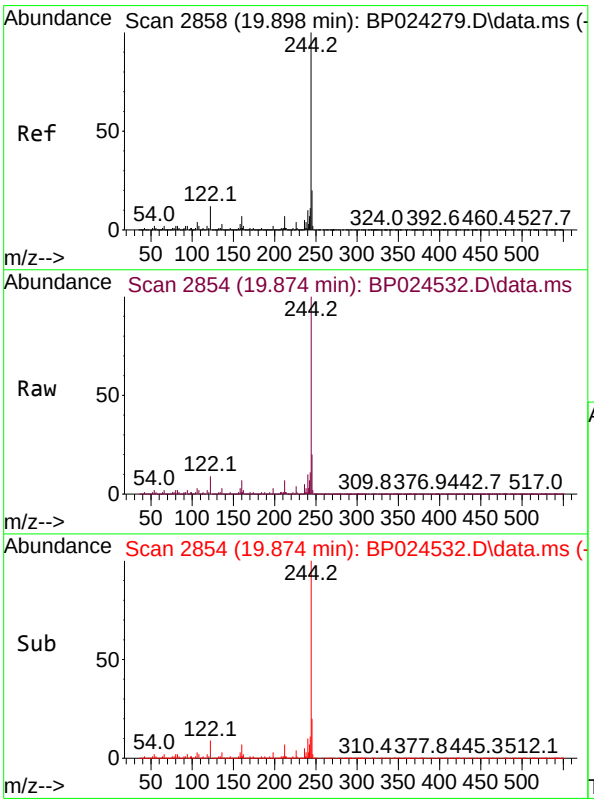
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

Tgt Ion:240 Resp: 845035

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.8	14.8#
236	26.1	20.9	31.3

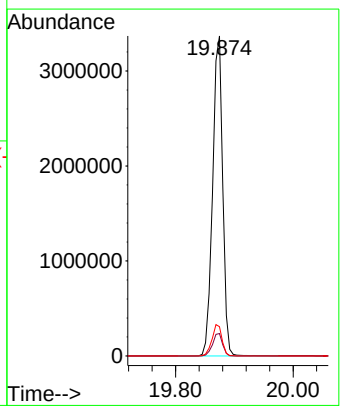


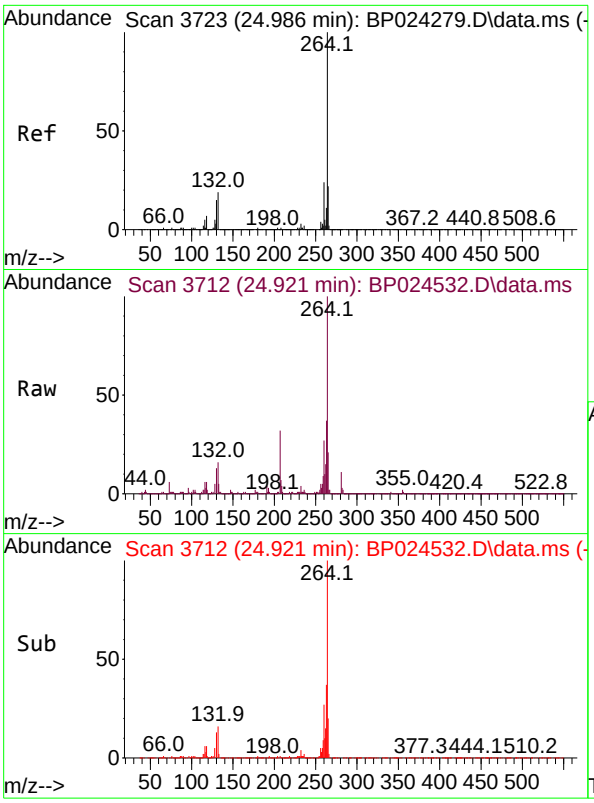


#79
Terphenyl-d14
Concen: 95.244 ng
RT: 19.874 min Scan# 2854
Delta R.T. 0.000 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion:244 Resp: 3993007

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	9.1	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: BP024532.D
Acq: 05 May 2025 19:28

Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

Tgt Ion:264 Resp: 480285

Ion	Ratio	Lower	Upper
264	100		
260	26.6	18.9	28.3
265	21.4	17.8	26.6