Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024779.D
Acq On : 23 May 2025 05:15
Operator : RC/JU
Sample : Q2079-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: May 23 05:49:23 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	7.652	152	90311	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	341108	20.000	ng	#-0.01
39) Acenaphthene-d10	14.281	164	209629	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	421419	20.000	ng	-0.02
76) Chrysene-d12	21.516	240	510159	20.000	ng	0.00
86) Perylene-d12	24.810	264	663924	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	601055	113.832	ng	0.00
7) Phenol-d6	6.852	99	640185	94.997	ng	0.00
23) Nitrobenzene-d5	8.805	82	469306	69.516	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	530300	149.220	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1241727	77.605	ng	-0.01
79) Terphenyl-d14	19.804	244	2387814	80.257	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	8.740	117	6401	2.408	ng	# 1
31) Naphthalene	10.475	128	6746808	381.682	ng	99
32) Benzoic acid	9.769	122	38	7.477	ng	# 1
33) 4-Chloroaniline	10.475	127	933574	130.882	ng	# 35
37) 2-Methylnaphthalene	12.081	142	776000	67.798	ng	99
38) 1-Methylnaphthalene	12.304	142	645720	52.726	ng	100
46) 1,1'-Biphenyl	13.104	154	118692	7.661	ng	99
52) Acenaphthene	14.346	154	339474	29.869	ng	100
54) 2,4-Dinitrophenol	14.410	184	5	6.403	ng	# 1
56) 4-Nitrophenol	14.493	139	438	4.373	ng	# 31
58) Fluorene	15.351	166	125768	8.508	ng	100
71) Phenanthrene	17.122	178	243735	10.404	ng	99

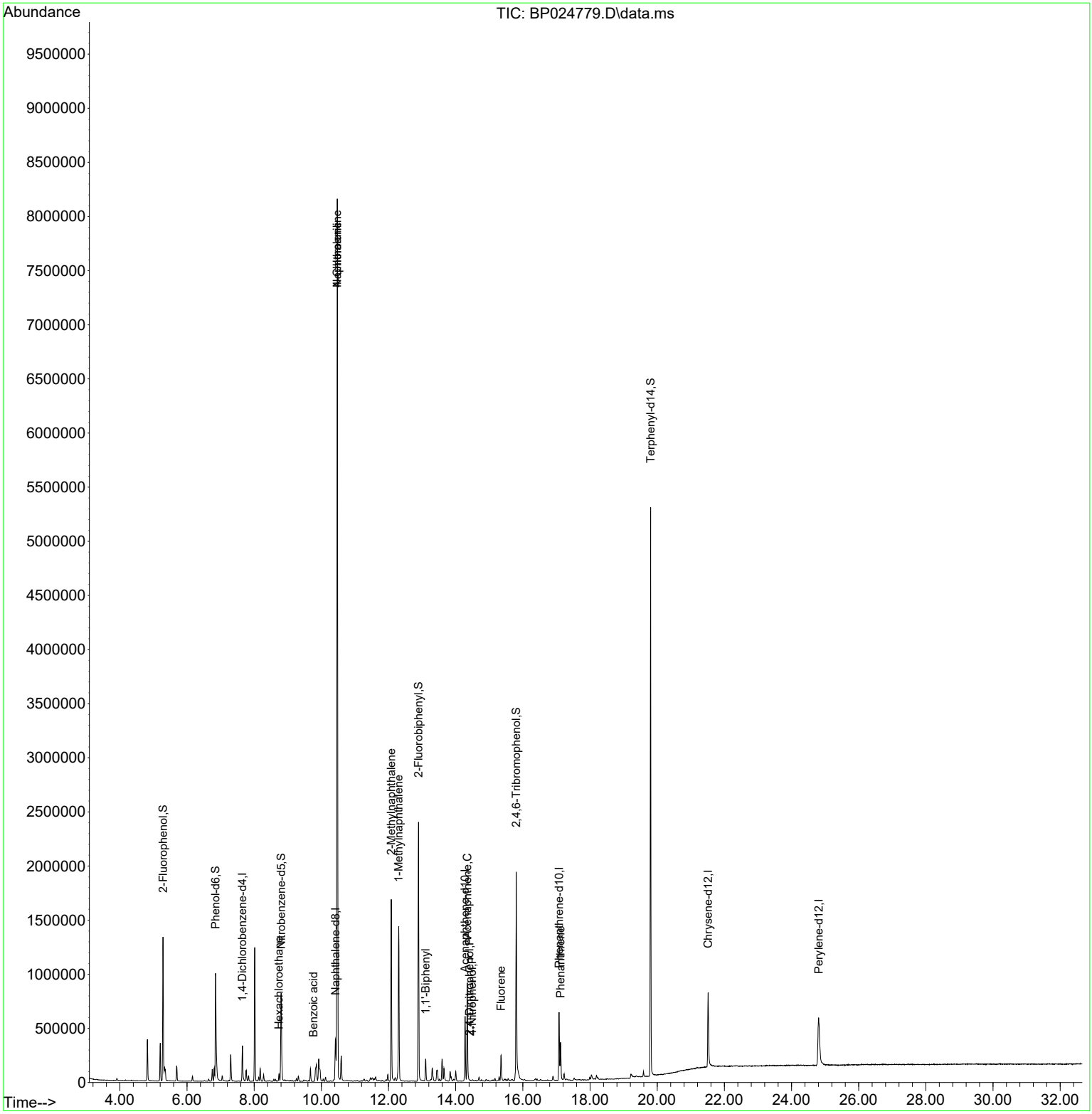
(#) = qualifier out of range (m) = manual integration (+) = signals summed

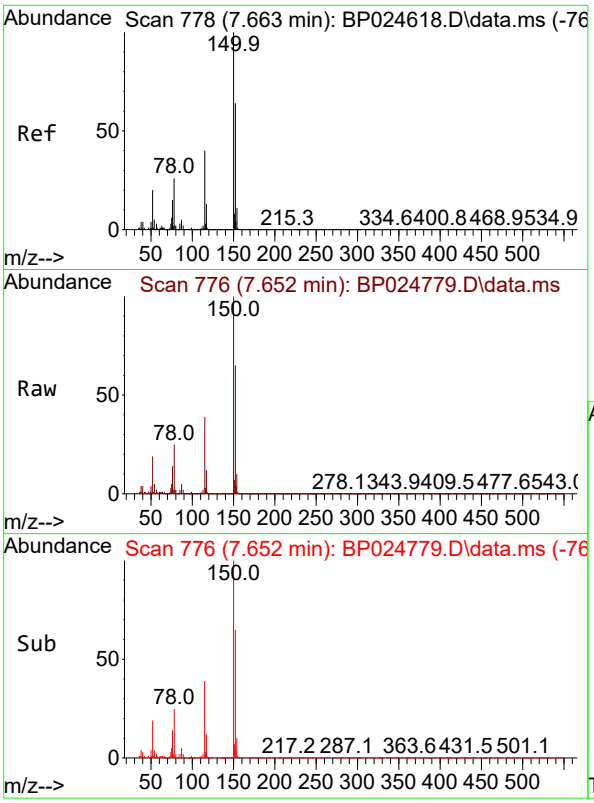
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024779.D
Acq On : 23 May 2025 05:15
Operator : RC/JU
Sample : Q2079-11
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: May 23 05:49:23 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



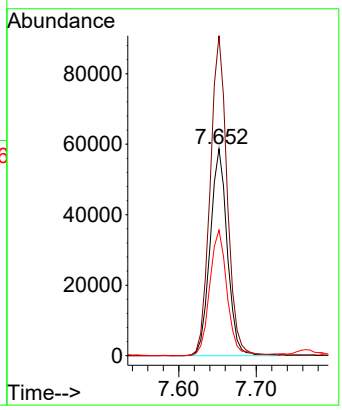


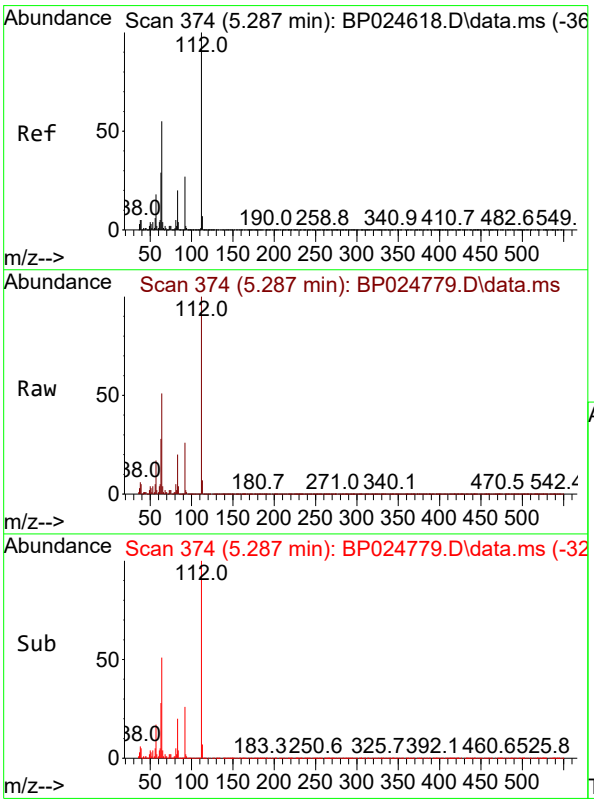
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 7
Delta R.T. -0.011 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 90311

Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.9	188.9
115	60.7	50.1	75.1

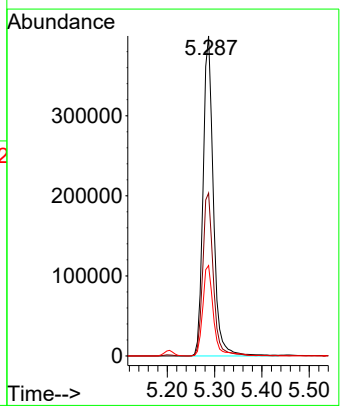


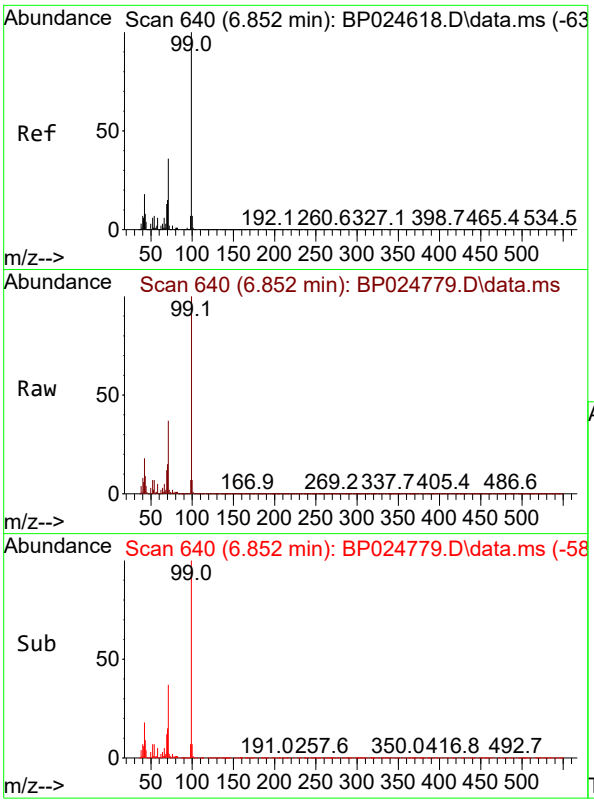


#5
2-Fluorophenol
Concen: 113.832 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Tgt Ion:112 Resp: 601055

Ion	Ratio	Lower	Upper
112	100		
64	50.9	44.1	66.1
63	28.3	23.5	35.3



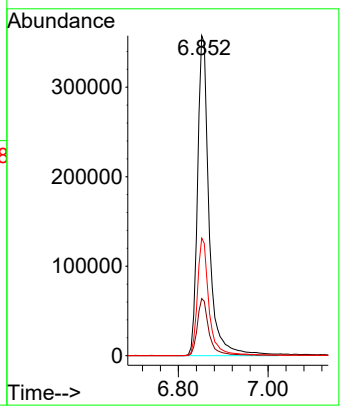


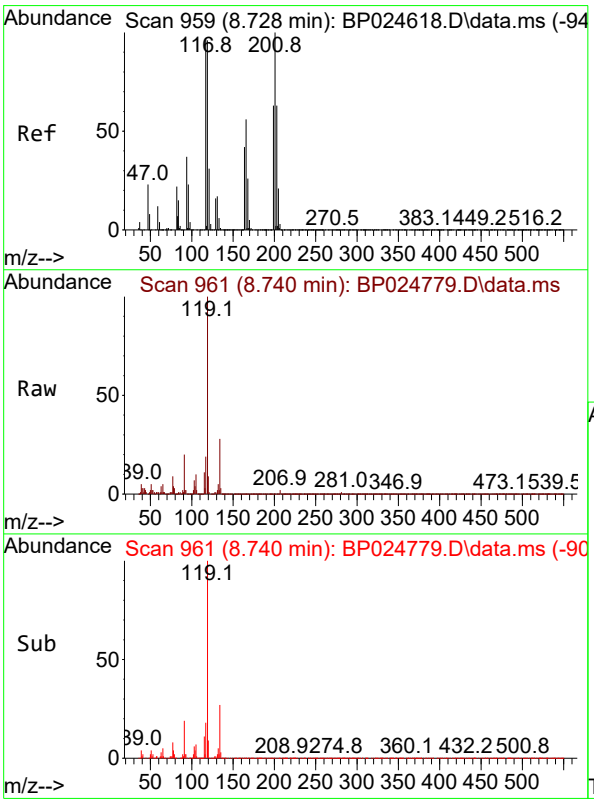
#7
Phenol-d6
Concen: 94.997 ng
RT: 6.852 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 640185

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.4	21.6
71	36.8	29.2	43.8

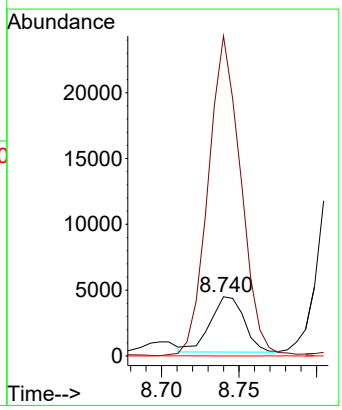


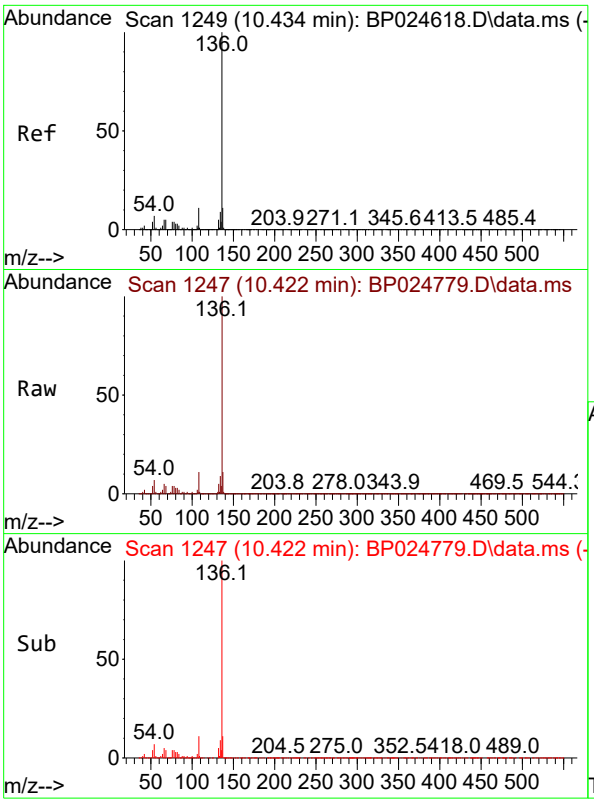


#18
Hexachloroethane
Concen: 2.408 ng
RT: 8.740 min Scan# 961
Delta R.T. 0.012 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Tgt Ion:117 Resp: 6401

Ion	Ratio	Lower	Upper
117	100		
119	540.3	79.4	119.0#
201	0.0	82.7	124.1#



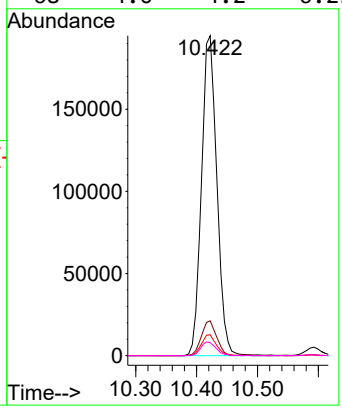


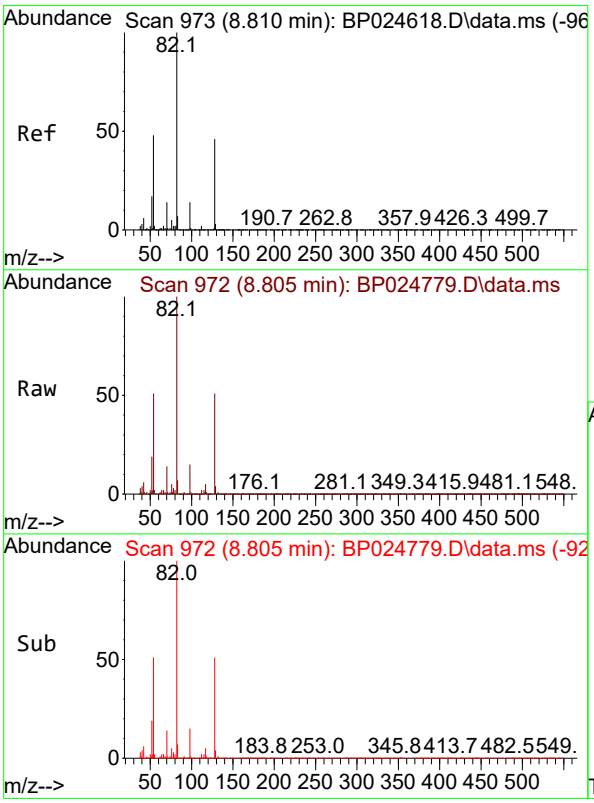
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 341108

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.5	5.5	8.3
68	4.0	4.2	6.2#

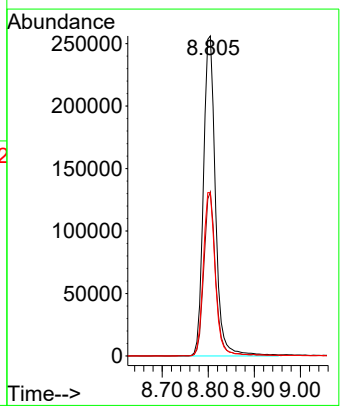


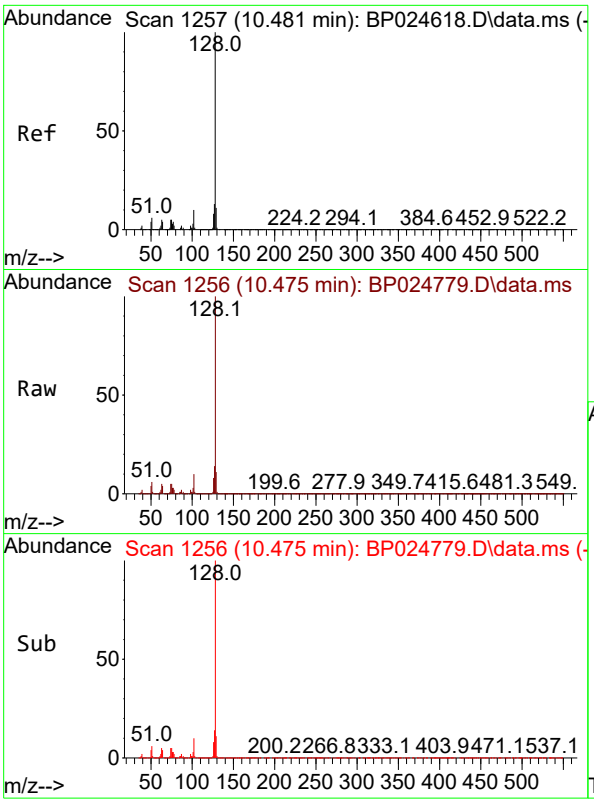


#23
Nitrobenzene-d5
Concen: 69.516 ng
RT: 8.805 min Scan# 972
Delta R.T. -0.006 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Tgt Ion: 82 Resp: 469306

Ion	Ratio	Lower	Upper
82	100		
128	51.3	37.0	55.4
54	51.0	38.7	58.1



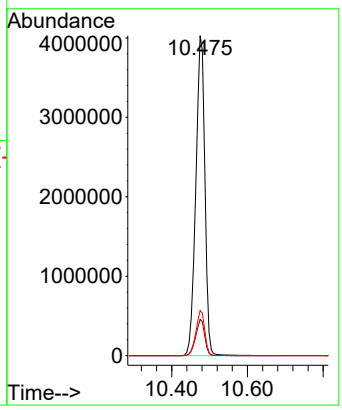


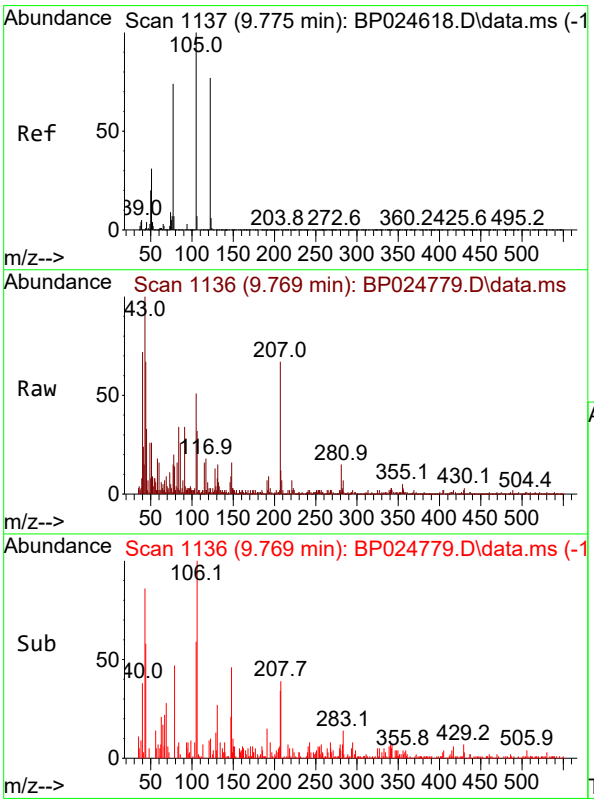
#31
Naphthalene
Concen: 381.682 ng
RT: 10.475 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:128 Resp: 6746808

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	14.1	10.7	16.1

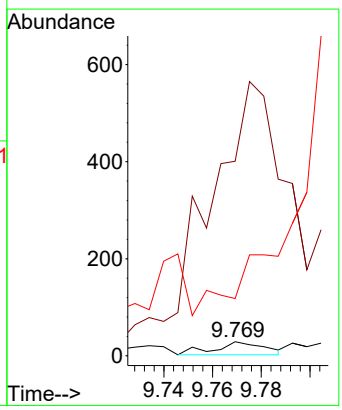


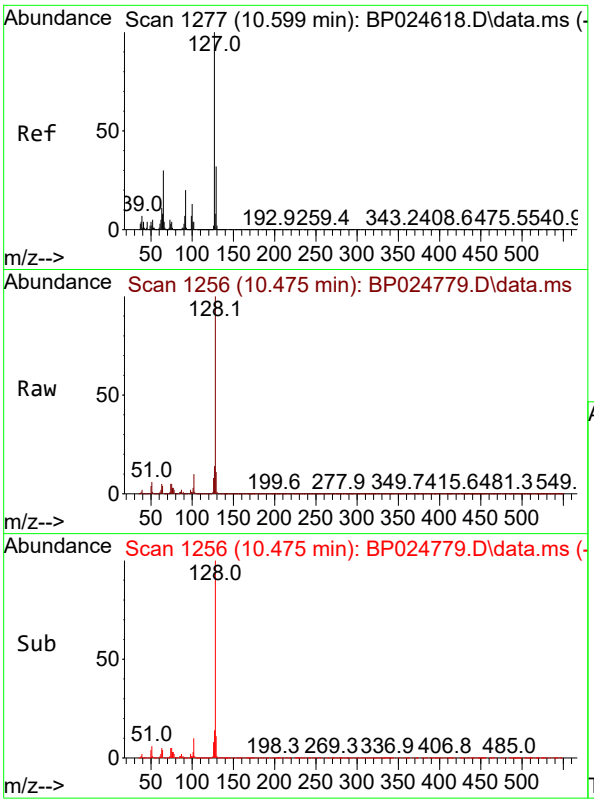


#32
Benzoic acid
Concen: 7.477 ng
RT: 9.769 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Tgt Ion:122 Resp: 38

Ion	Ratio	Lower	Upper
122	100		
105	1382.8	106.9	146.9#
77	406.9	75.1	115.1#



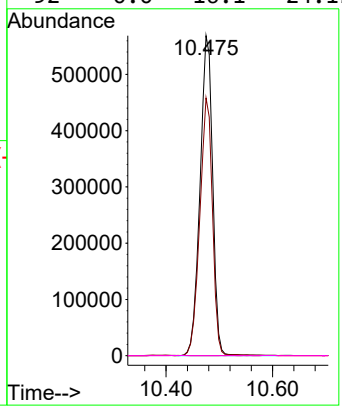


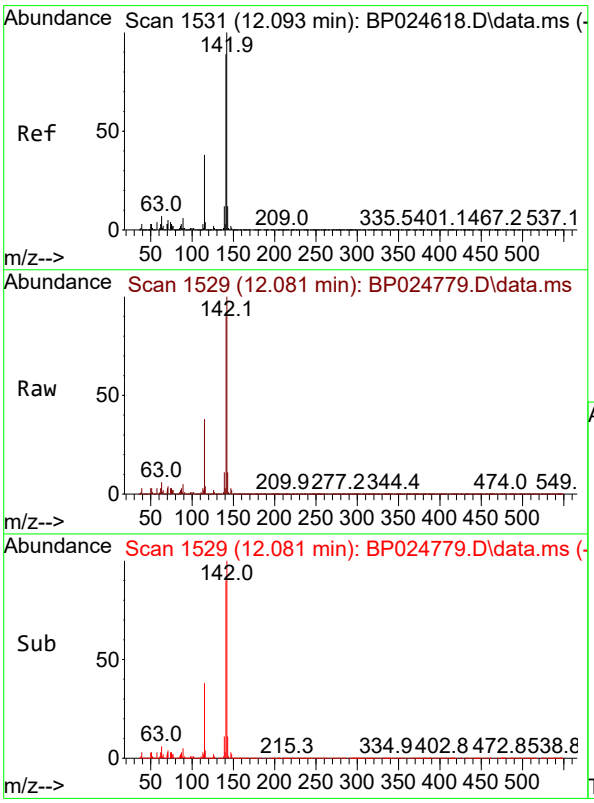
#33
4-Chloroaniline
Concen: 130.882 ng
RT: 10.475 min Scan# 1
Delta R.T. -0.123 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:127 Resp: 933574

Ion	Ratio	Lower	Upper
127	100		
129	80.6	25.8	38.6#
65	0.0	23.9	35.9#
92	0.0	16.1	24.1#

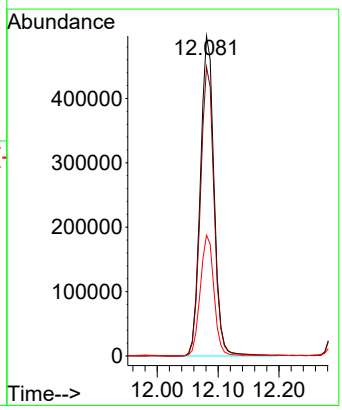


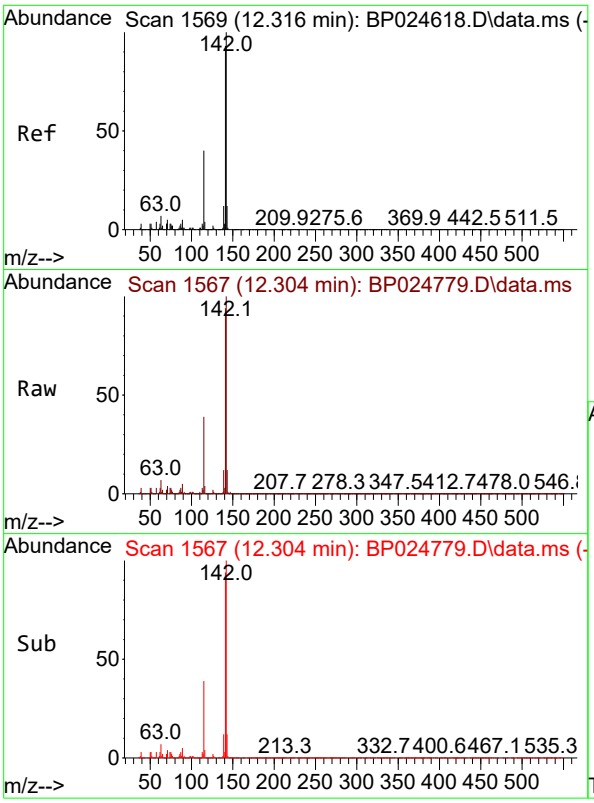


#37
2-Methylnaphthalene
Concen: 67.798 ng
RT: 12.081 min Scan# 1529
Delta R.T. -0.012 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Tgt Ion:142 Resp: 776000

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.2	106.8
115	37.7	30.6	46.0



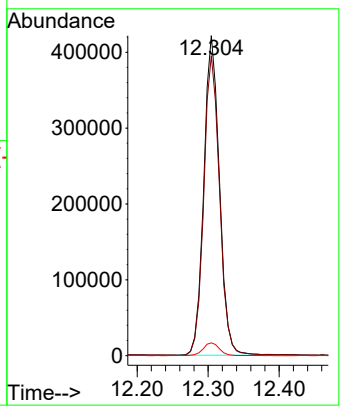


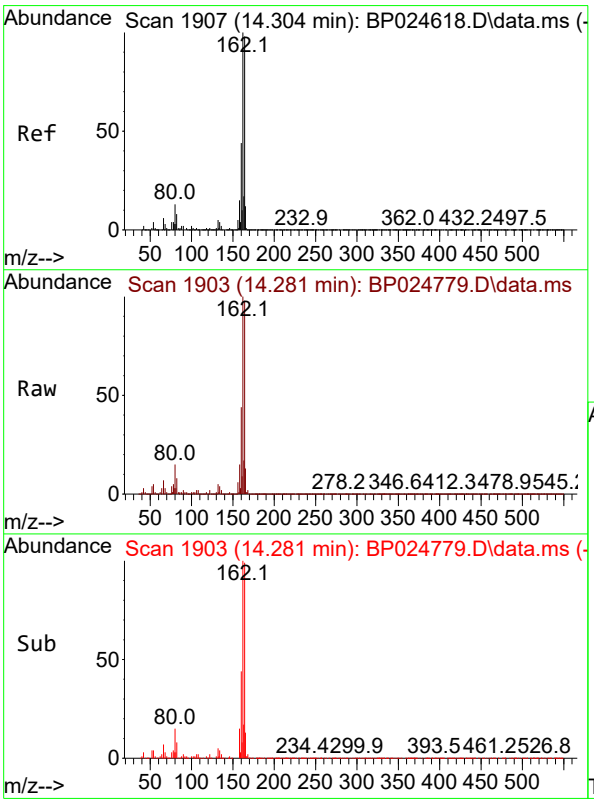
#38
1-Methylnaphthalene
Concen: 52.726 ng
RT: 12.304 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:142 Resp: 645720

Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.7	112.1
116	4.0	3.4	5.2

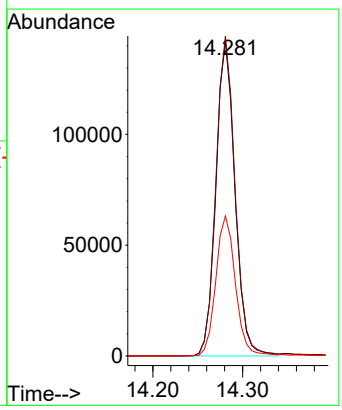


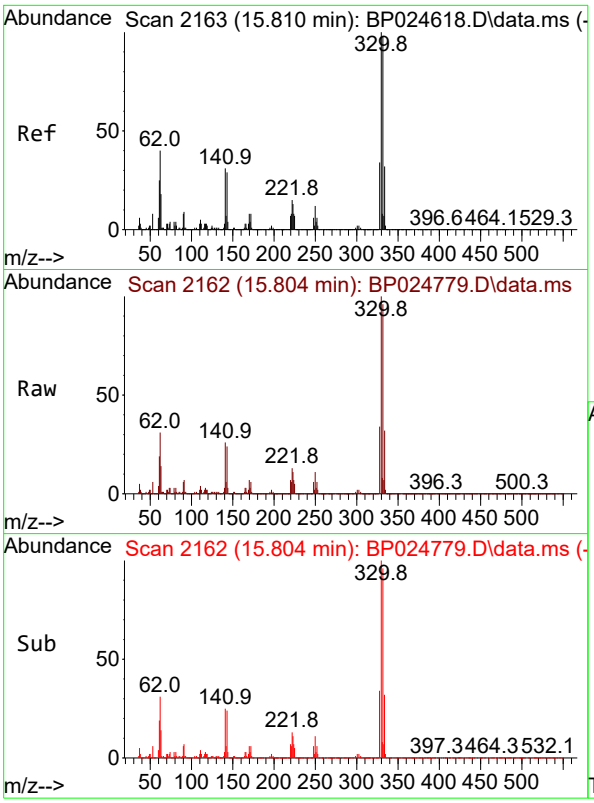


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.023 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Tgt Ion:164 Resp: 209629

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.8	122.6
160	44.5	36.3	54.5



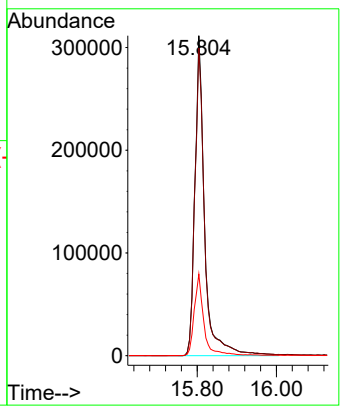


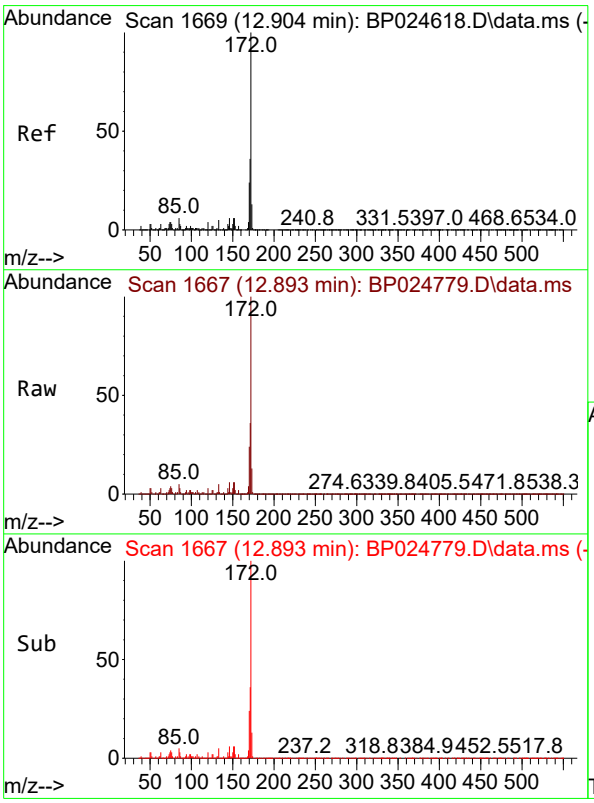
#42
2,4,6-Tribromophenol
Concen: 149.220 ng
RT: 15.804 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 530300

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.2	117.4
141	24.9	24.3	36.5

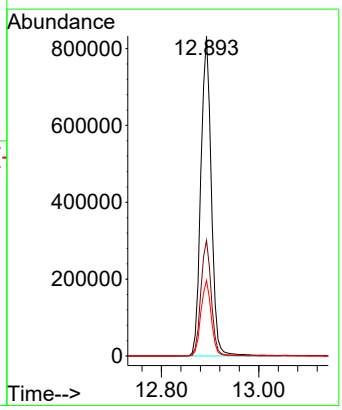


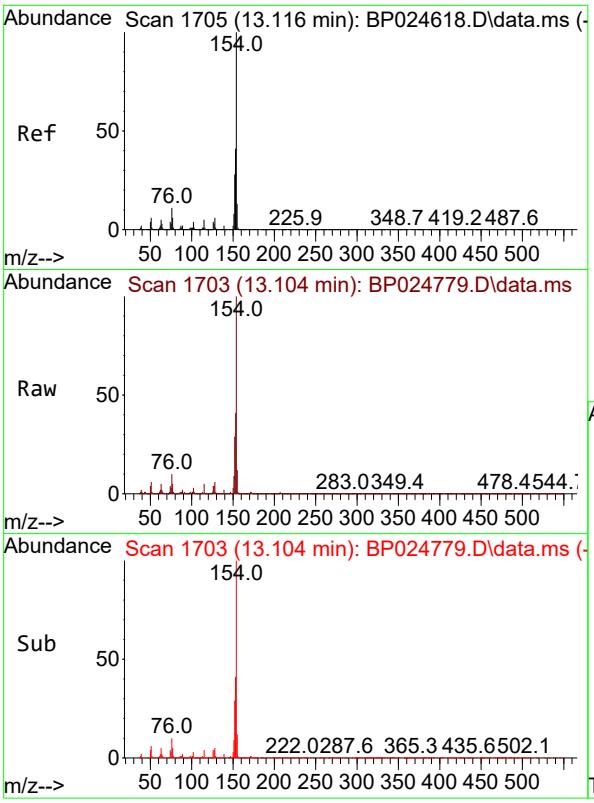


#45
2-Fluorobiphenyl
Concen: 77.605 ng
RT: 12.893 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Tgt Ion:172 Resp: 1241727

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	23.6	18.8	28.2



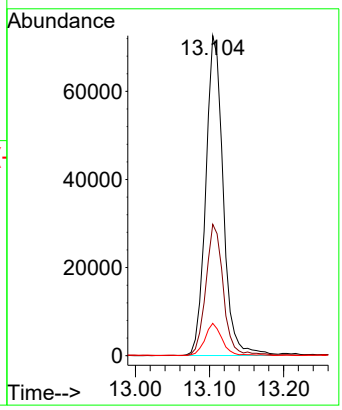


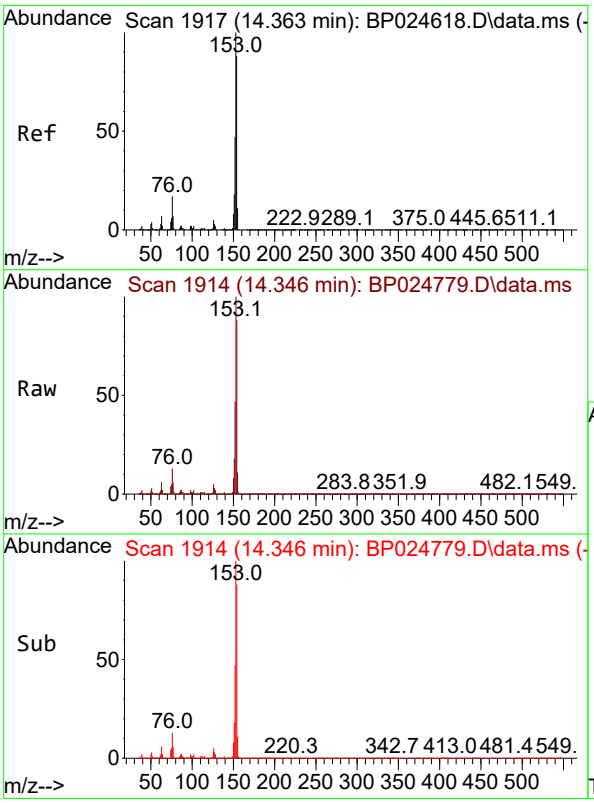
#46
1,1'-Biphenyl
Concen: 7.661 ng
RT: 13.104 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:154 Resp: 118692

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.0	61.0
76	10.1	0.0	31.5

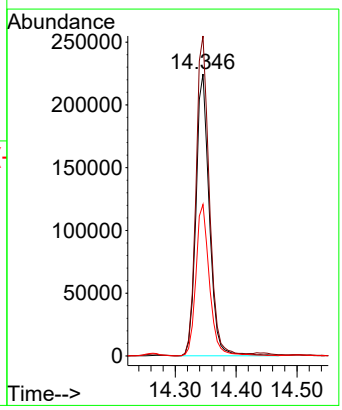


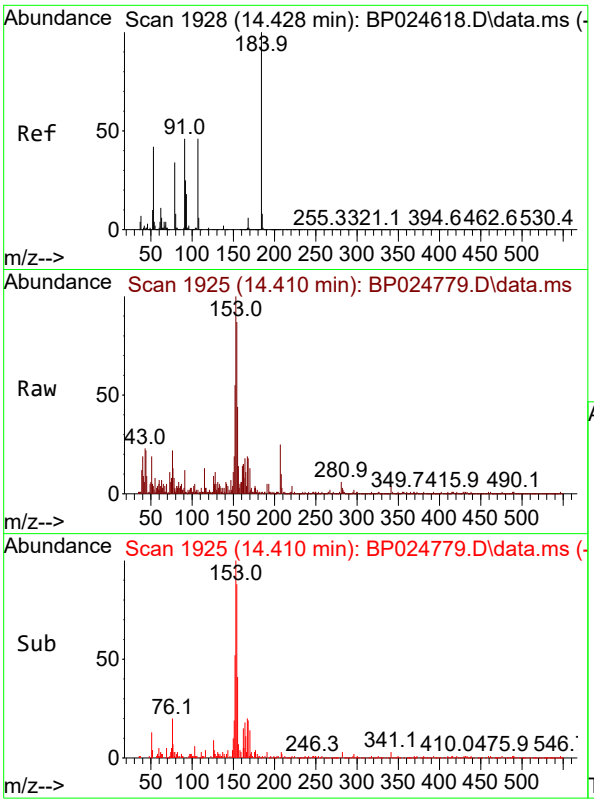


#52
Acenaphthene
Concen: 29.869 ng
RT: 14.346 min Scan# 1914
Delta R.T. -0.018 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Tgt Ion:154 Resp: 339474

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.0	136.4
152	53.7	42.9	64.3



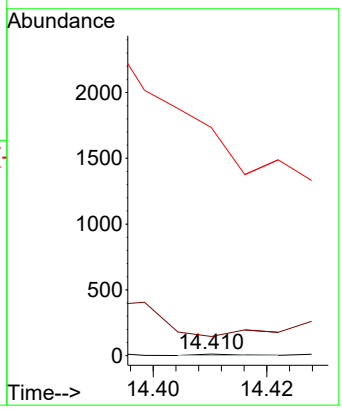


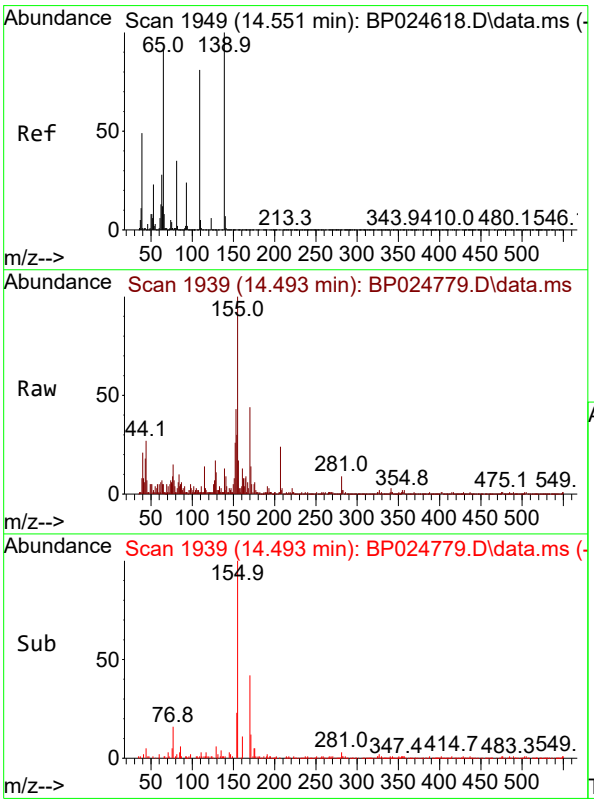
#54
2,4-Dinitrophenol
Concen: 6.403 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:184 Resp: 5

Ion	Ratio	Lower	Upper
184	100		
63	1216.7	51.3	76.9#
154	14450.0	53.5	80.3#

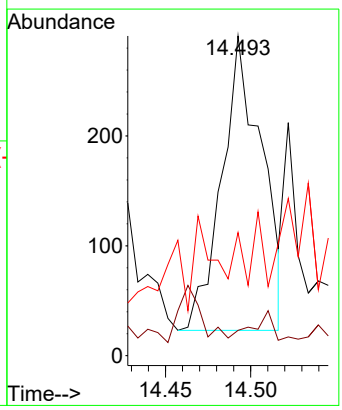


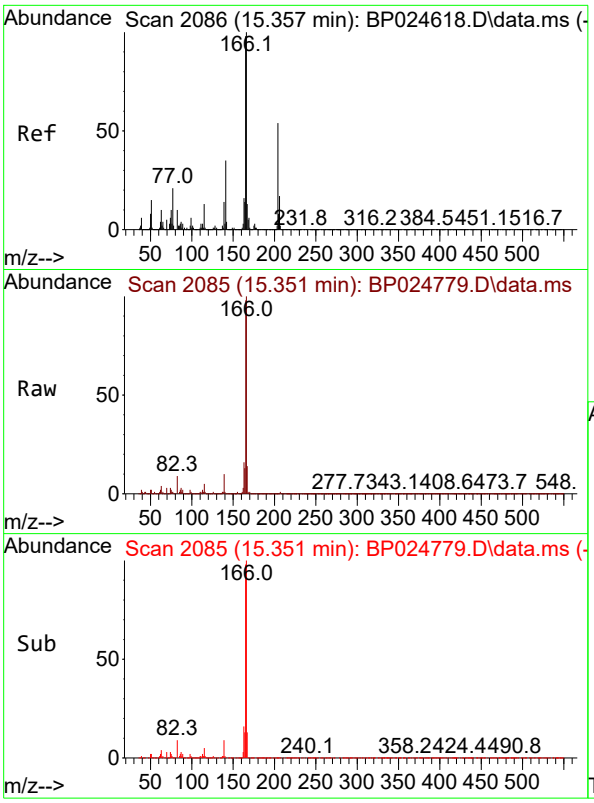


#56
4-Nitrophenol
Concen: 4.373 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.058 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Tgt Ion:139 Resp: 438

Ion	Ratio	Lower	Upper
139	100		
109	7.9	61.4	101.4#
65	38.5	72.2	112.2#



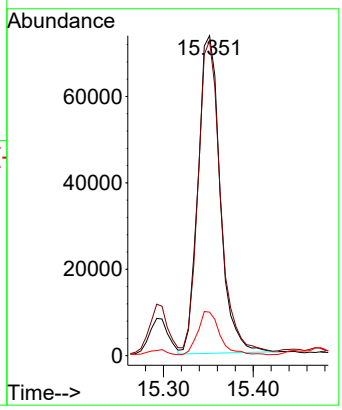


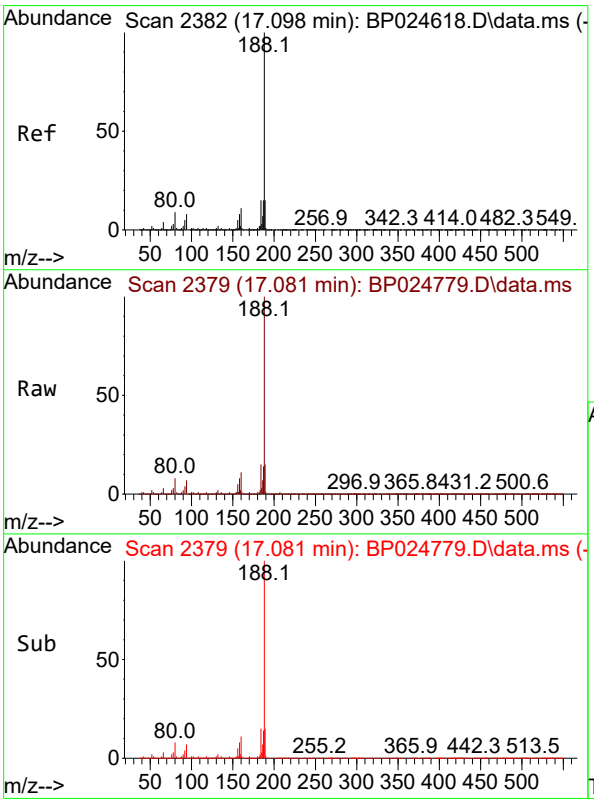
#58
Fluorene
Concen: 8.508 ng
RT: 15.351 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:166 Resp: 125768

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.5	117.7
167	13.6	10.7	16.1

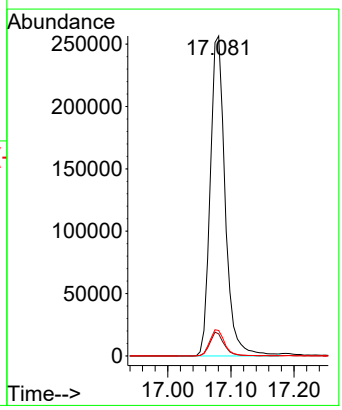


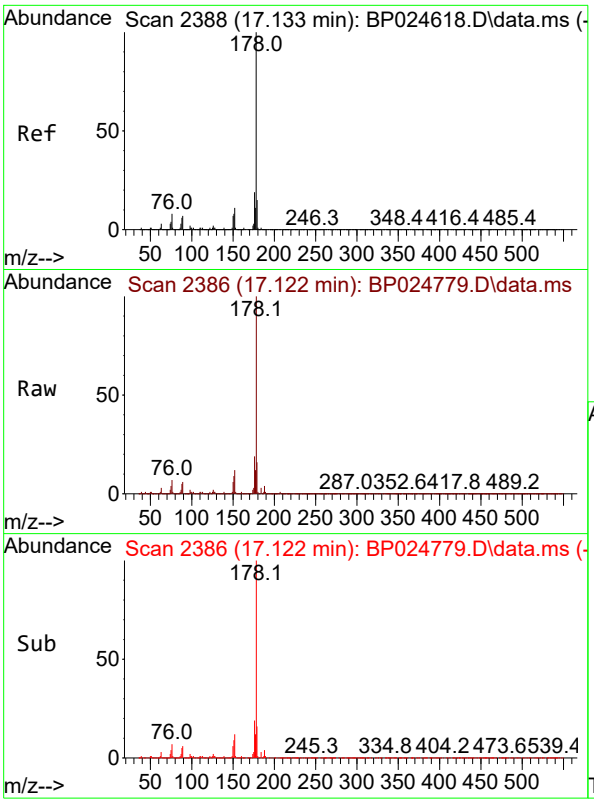


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Tgt Ion:188 Resp: 421419

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.5	9.7
80	7.9	7.3	10.9



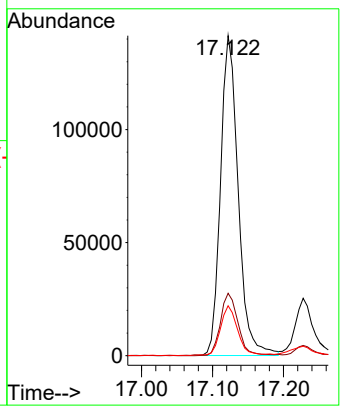


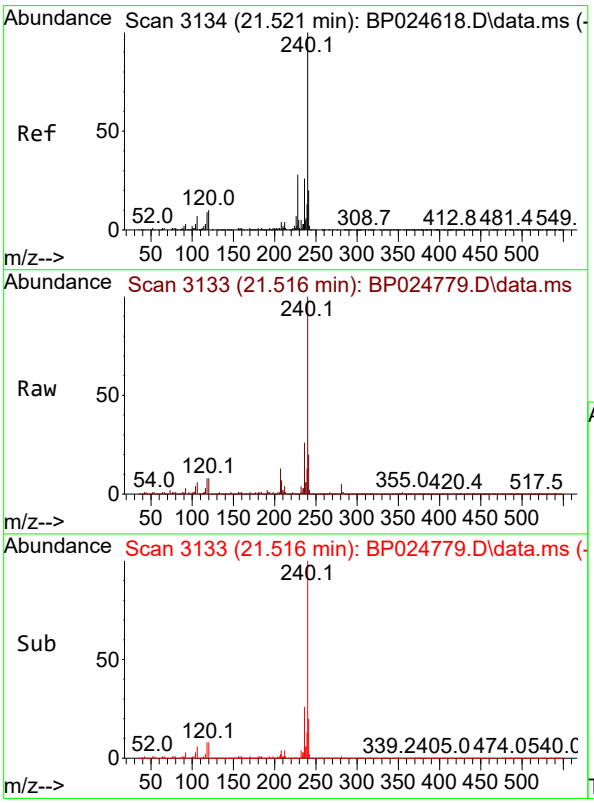
#71
Phenanthrene
Concen: 10.404 ng
RT: 17.122 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 243735

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.6	12.2	18.4

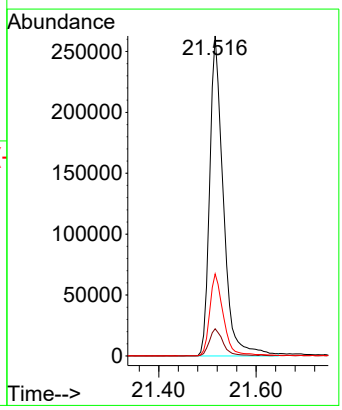


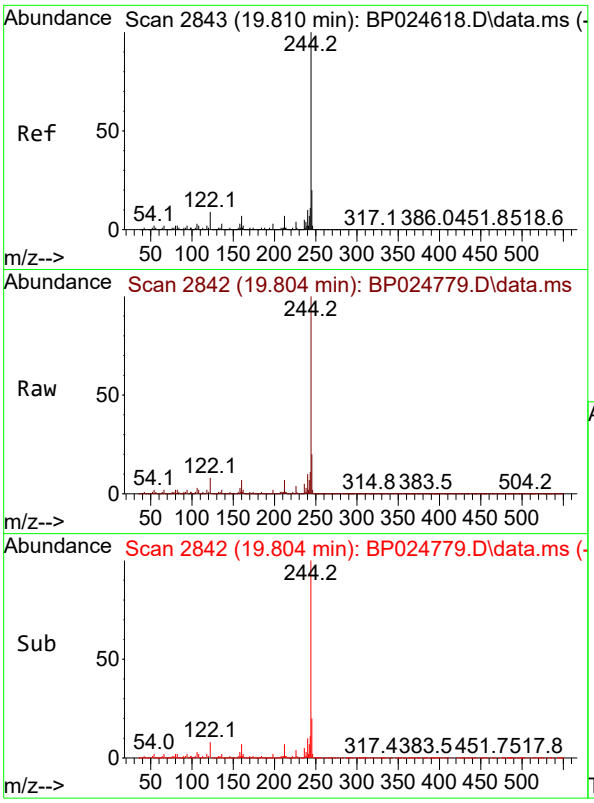


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Tgt Ion:240 Resp: 510159

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.8	11.6
236	25.6	20.6	31.0



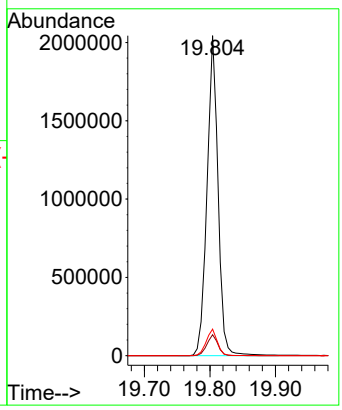


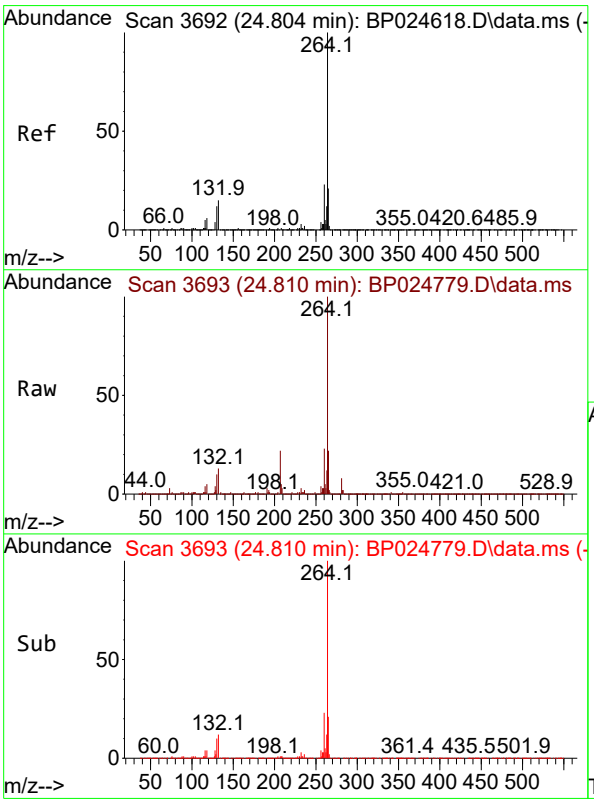
#79
Terphenyl-d14
Concen: 80.257 ng
RT: 19.804 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 2387814

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.5	8.3
122	8.3	7.4	11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.810 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024779.D
Acq: 23 May 2025 05:15

Tgt Ion:264 Resp: 663924

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.9	17.0	25.6