Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024510.D
Acq On : 02 May 2025 15:38
Operator : RC/JU
Sample : Q1917-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-JJ

Quant Time: May 02 16:00:14 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	7.705	152	143394	20.000	ng	-0.02
21) Naphthalene-d8	10.481	136	556709	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	347712	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	719933	20.000	ng	# 0.00
76) Chrysene-d12	21.592	240	831552	20.000	ng	# 0.00
86) Perylene-d12	24.945	264	952360	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	560351	64.613	ng	-0.01
7) Phenol-d6	6.899	99	723215	60.903	ng	-0.01
23) Nitrobenzene-d5	8.857	82	415375	42.545	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	382049	79.415	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	909542	40.051	ng	-0.01
79) Terphenyl-d14	19.869	244	1705642	41.344	ng	0.00
Target Compounds						Qvalue
63) Azobenzene	15.728	77	83688	3.494	ng	# 1

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

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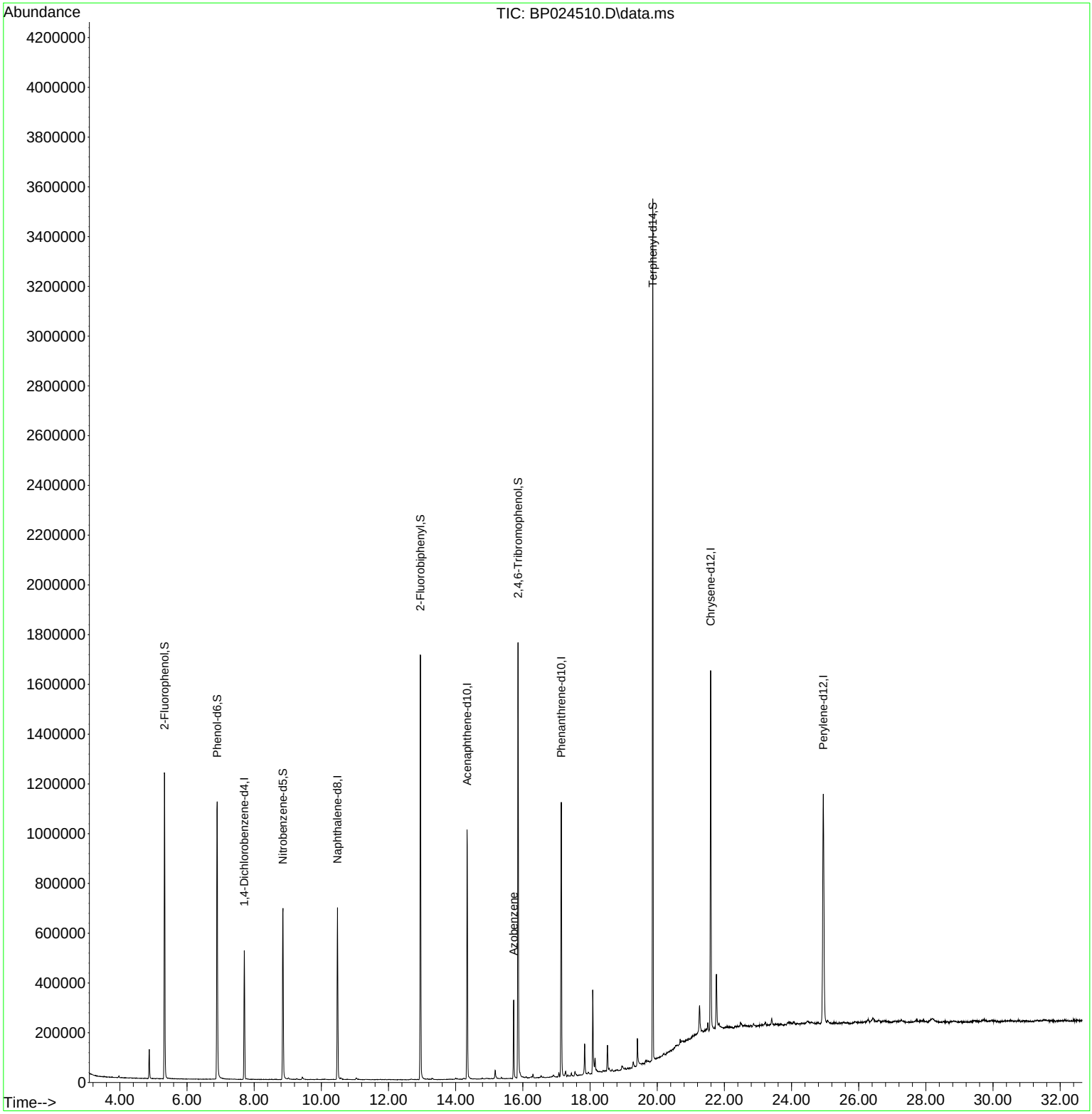
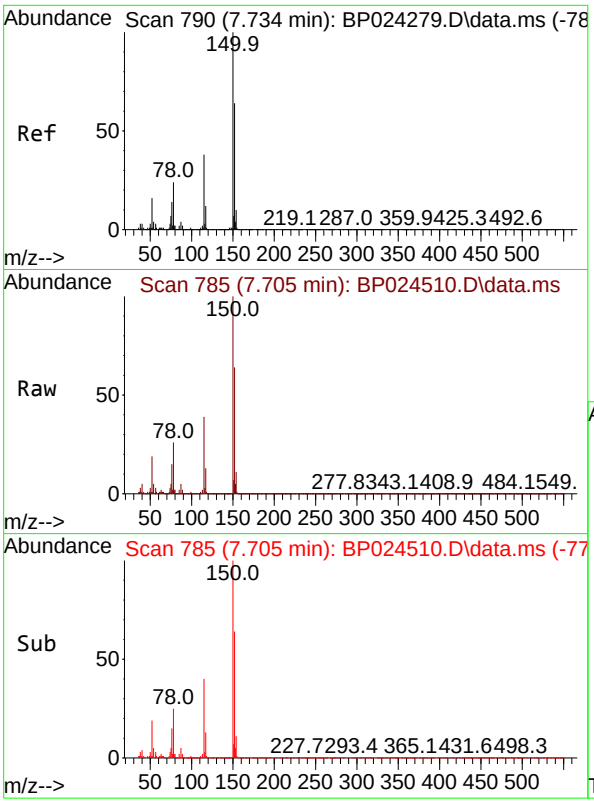


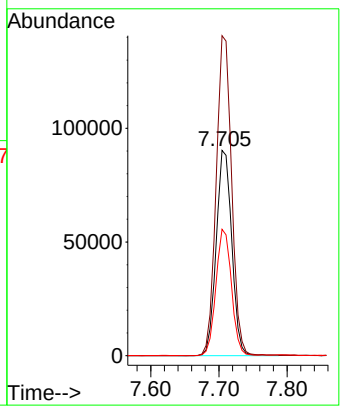


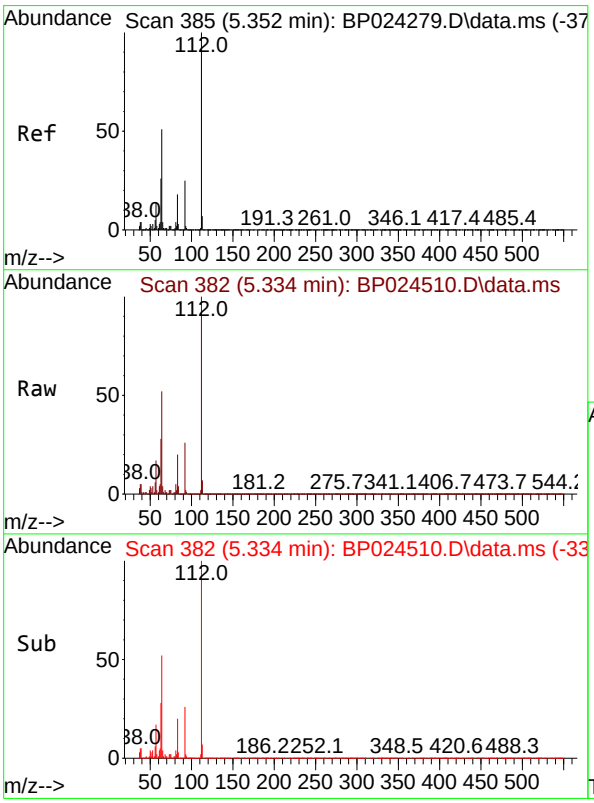
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

Instrument :
BNA_P
ClientSampleId :
MH-JJ

Tgt Ion:152 Resp: 143394

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.9	187.3
115	61.6	47.7	71.5

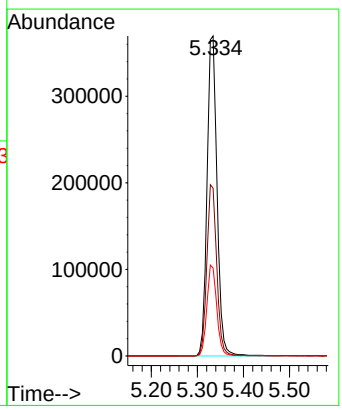


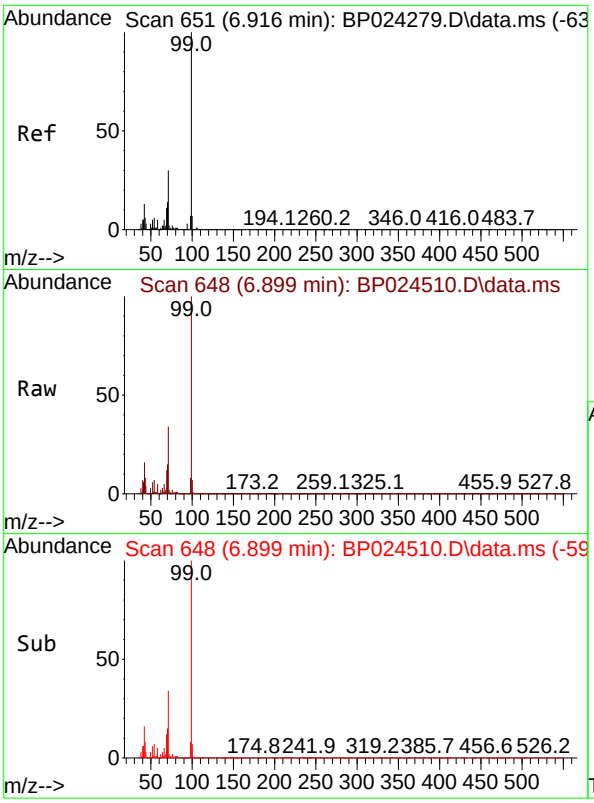


#5
2-Fluorophenol
Concen: 64.613 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

Tgt Ion:112 Resp: 560351

Ion	Ratio	Lower	Upper
112	100		
64	52.5	41.1	61.7
63	27.5	20.6	30.8



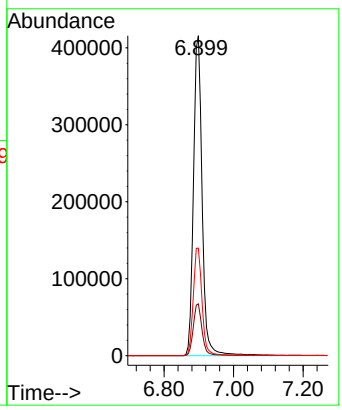


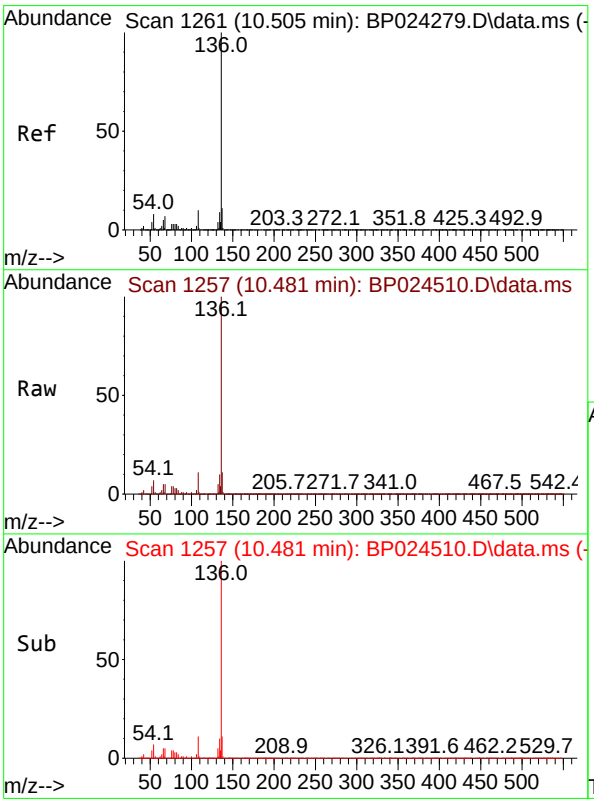
#7
Phenol-d6
Concen: 60.903 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

Instrument :
BNA_P
ClientSampleId :
MH-JJ

Tgt Ion: 99 Resp: 723215

Ion	Ratio	Lower	Upper
99	100		
42	16.2	10.6	16.0#
71	33.6	23.7	35.5

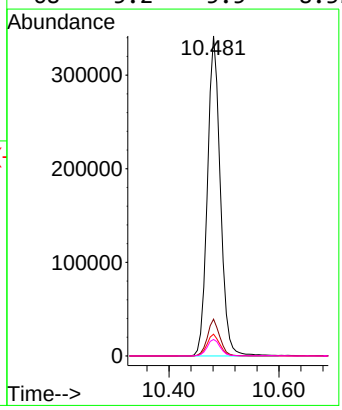


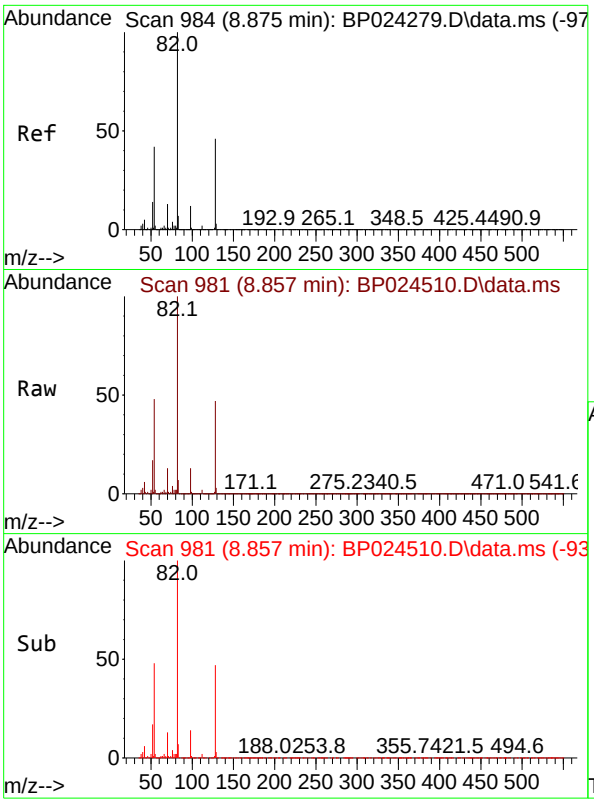


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

Tgt Ion:136 Resp: 556709

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	6.8	6.0	9.0
68	5.2	5.5	8.3#



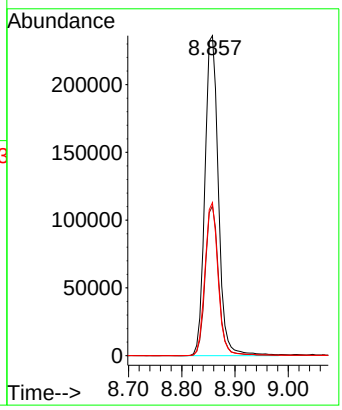


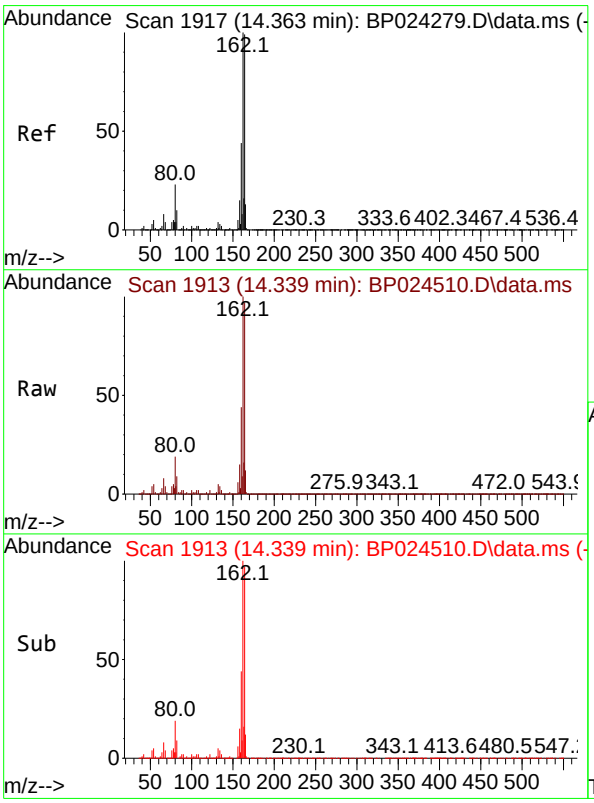
#23
Nitrobenzene-d5
Concen: 42.545 ng
RT: 8.857 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

Instrument :
BNA_P
ClientSampleId :
MH-JJ

Tgt Ion: 82 Resp: 415375

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.5	54.7
54	47.9	33.4	50.2

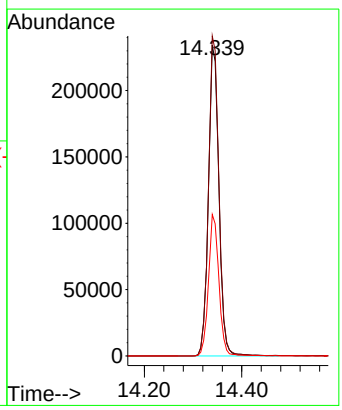


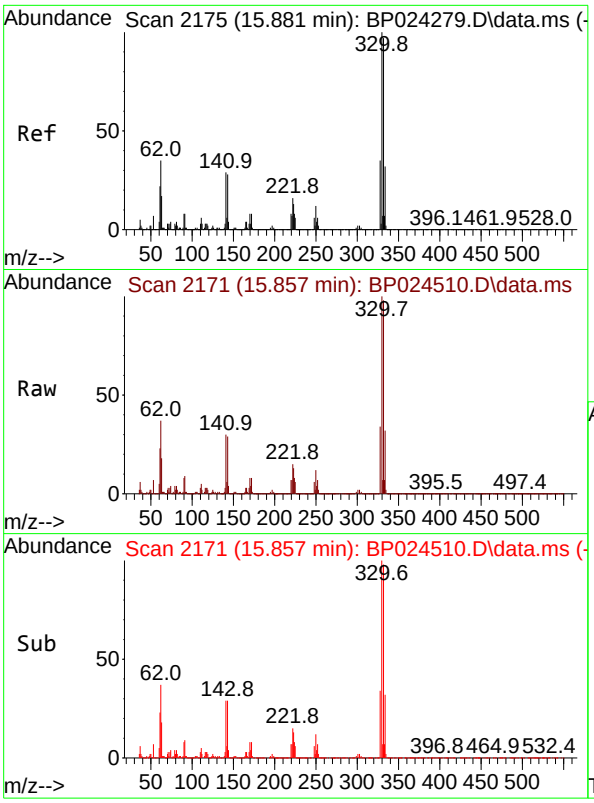


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

Tgt Ion:164 Resp: 347712

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.6	120.8
160	45.5	35.3	52.9



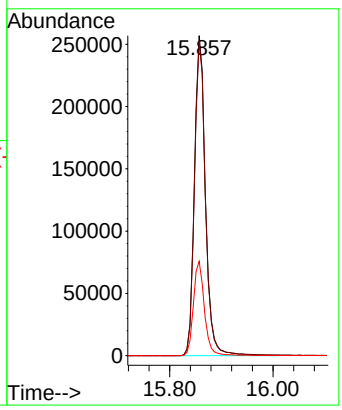


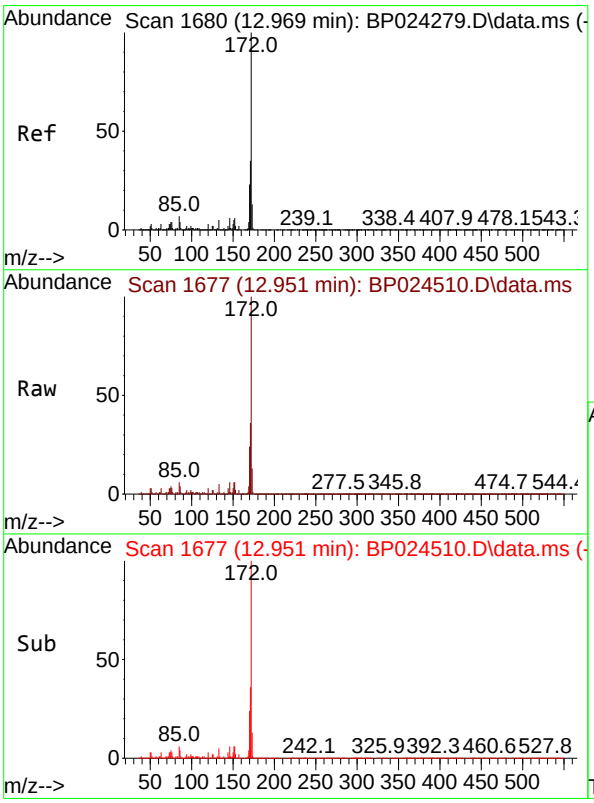
#42
2,4,6-Tribromophenol
Concen: 79.415 ng
RT: 15.857 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

Instrument :
BNA_P
ClientSampleId :
MH-JJ

Tgt Ion:330 Resp: 382049

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	29.3	24.7	37.1

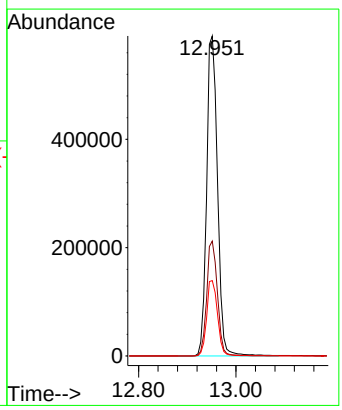


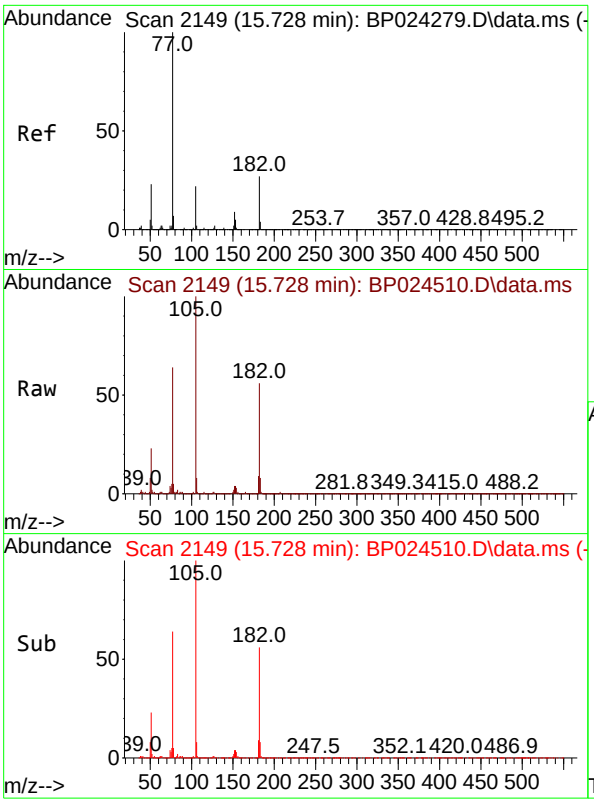


#45
2-Fluorobiphenyl
Concen: 40.051 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

Tgt Ion:172 Resp: 909542

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.2
170	23.5	18.6	27.8



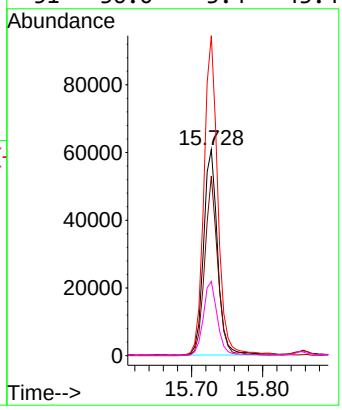


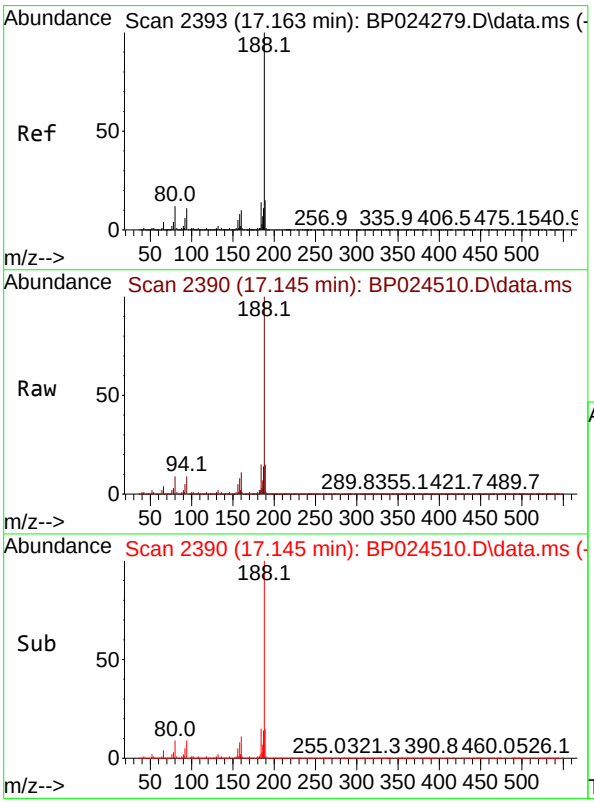
#63
Azobenzene
Concen: 3.494 ng
RT: 15.728 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

Instrument :
BNA_P
ClientSampleId :
MH-JJ

Tgt Ion: 77 Resp: 83688

Ion	Ratio	Lower	Upper
77	100		
182	87.2	7.3	47.3#
105	155.2	2.3	42.3#
51	36.0	3.4	43.4

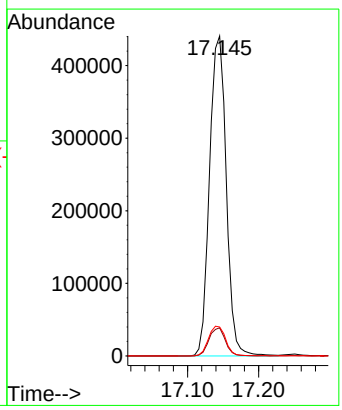


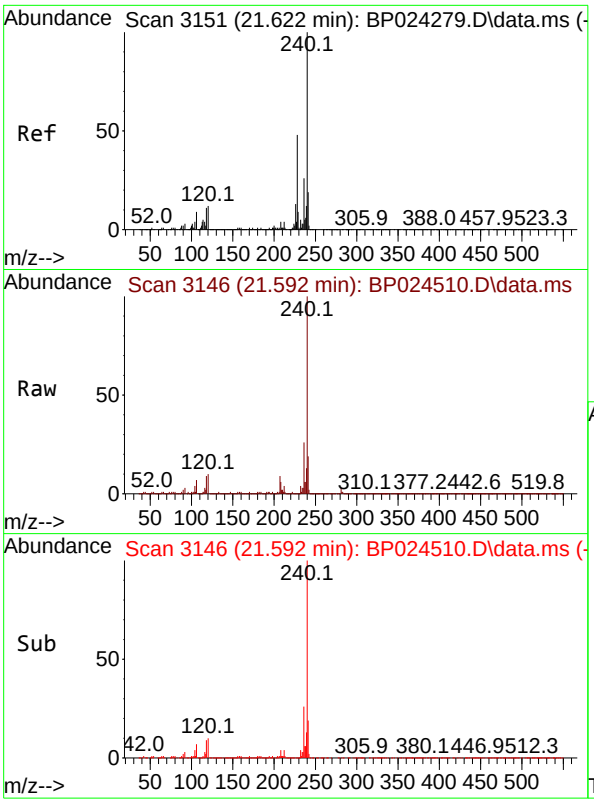


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

Tgt Ion:188 Resp: 719933

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.6	13.0
80	9.1	9.8	14.6#



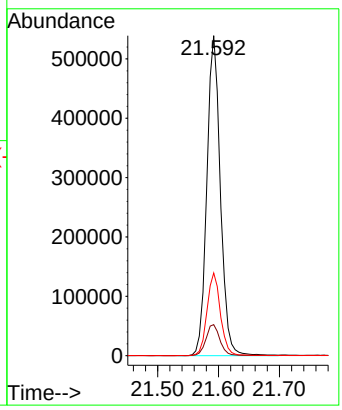


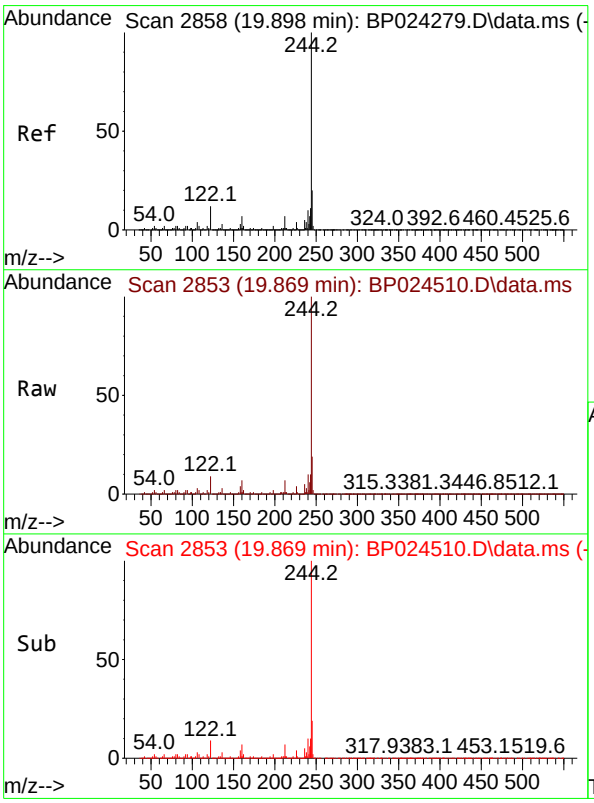
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

Instrument :
BNA_P
ClientSampleId :
MH-JJ

Tgt Ion:240 Resp: 831552

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.8	14.8#
236	25.9	20.9	31.3

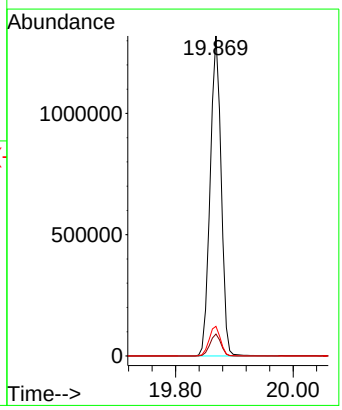


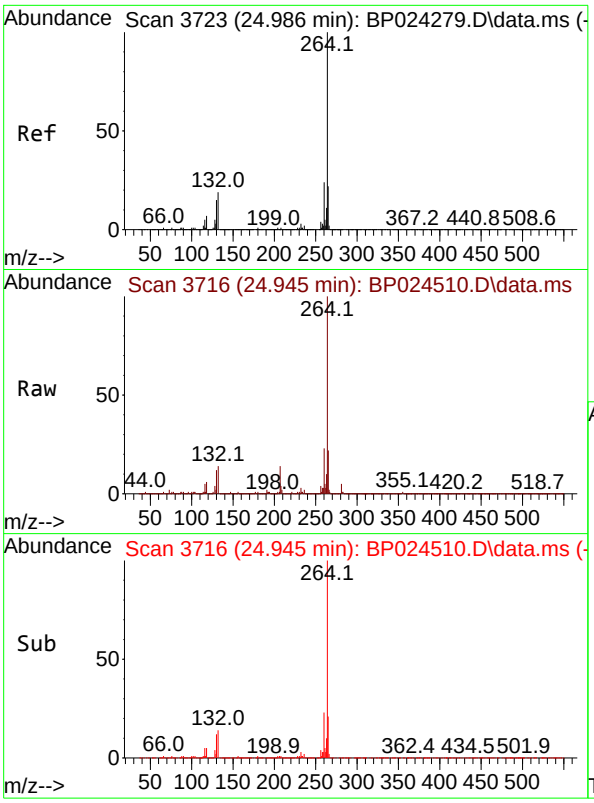


#79
Terphenyl-d14
Concen: 41.344 ng
RT: 19.869 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

Tgt Ion:244 Resp: 1705642

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	9.2	9.4	14.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.945 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024510.D
Acq: 02 May 2025 15:38

Instrument :
BNA_P
ClientSampleId :
MH-JJ

Tgt Ion:264 Resp: 952360

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.7	17.8	26.6