Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024511.D
Acq On : 02 May 2025 16:19
Operator : RC/JU
Sample : Q1922-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-S

Quant Time: May 02 16:41:06 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	7.711	152	134123	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	530882	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	324939	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	665716	20.000	ng	0.00
76) Chrysene-d12	21.598	240	778013	20.000	ng	# 0.00
86) Perylene-d12	24.957	264	901443	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	478736	59.018	ng	-0.02
7) Phenol-d6	6.899	99	658972	59.329	ng	-0.01
23) Nitrobenzene-d5	8.858	82	346838	37.253	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	339232	75.457	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	813550	38.334	ng	-0.01
79) Terphenyl-d14	19.875	244	1611671	41.754	ng	0.00
Target Compounds						Qvalue
63) Azobenzene	15.722	77	84026	3.754	ng	# 1

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

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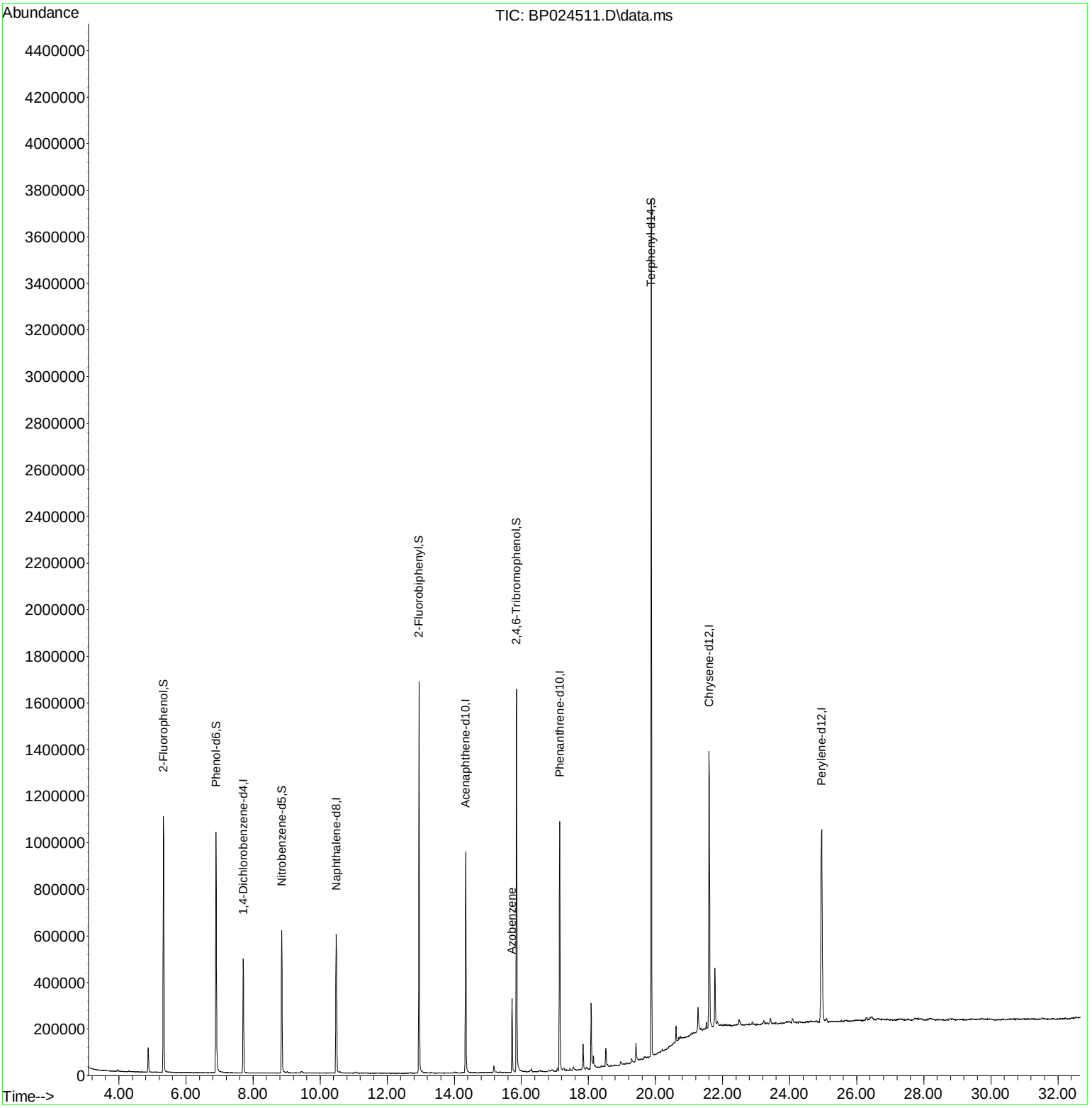
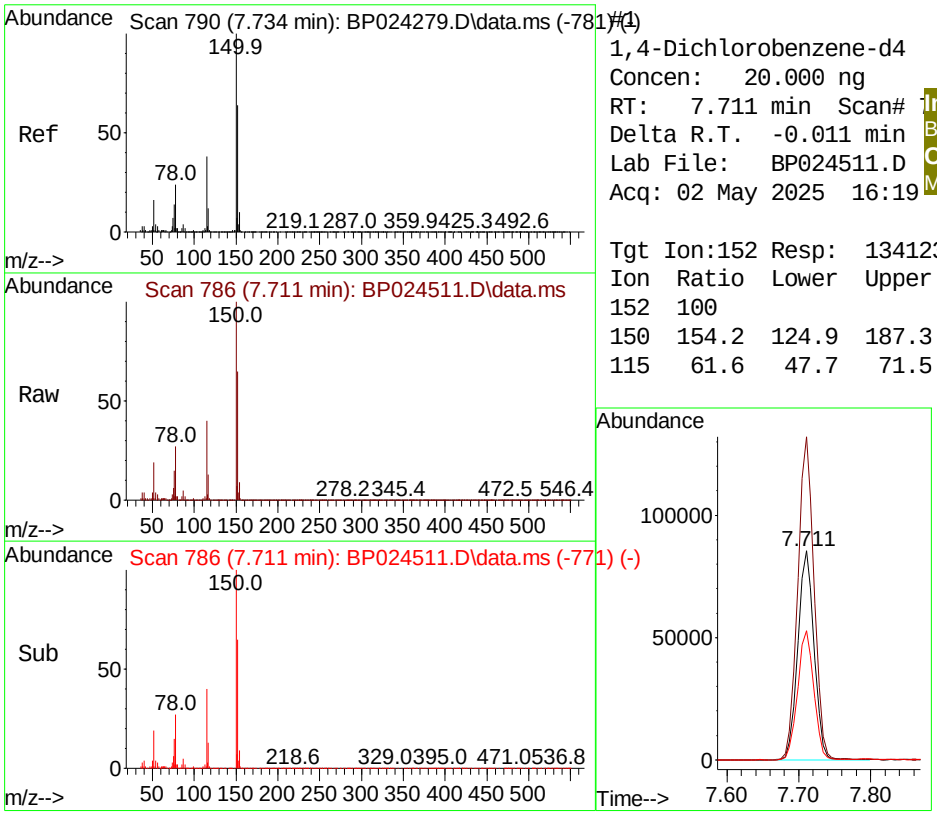




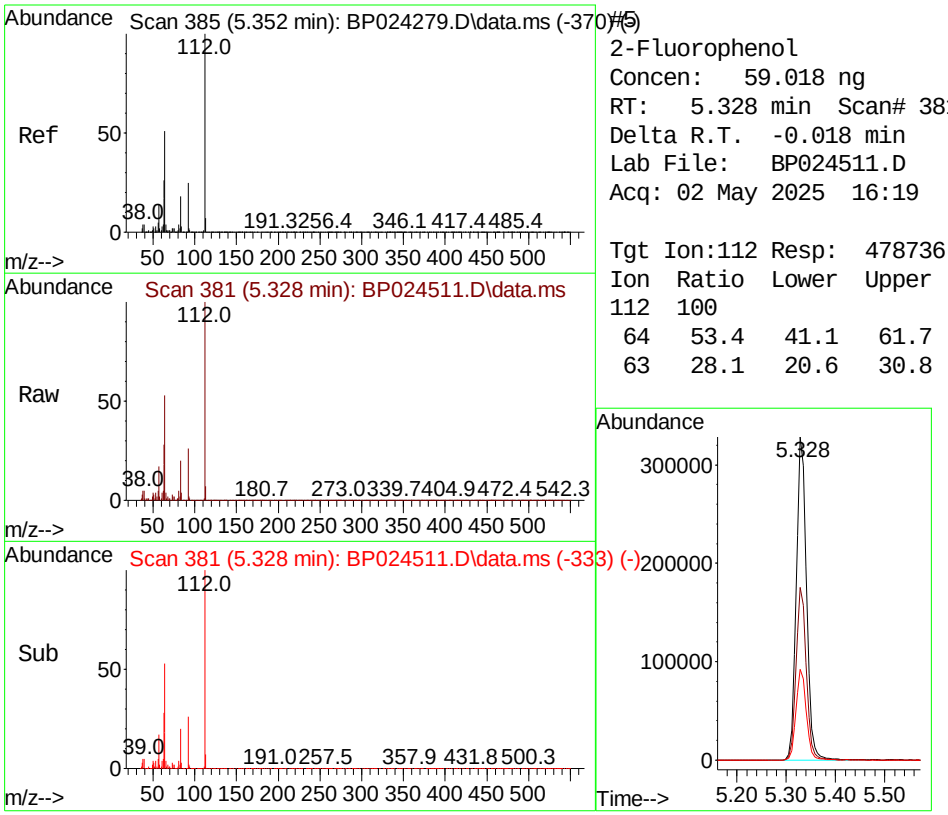
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP024511.D
Acq: 02 May 2025 16:19

Instrument :
BNA_P
ClientSampleId :
MH-S

Tgt Ion:152 Resp: 134123

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.9	187.3
115	61.6	47.7	71.5

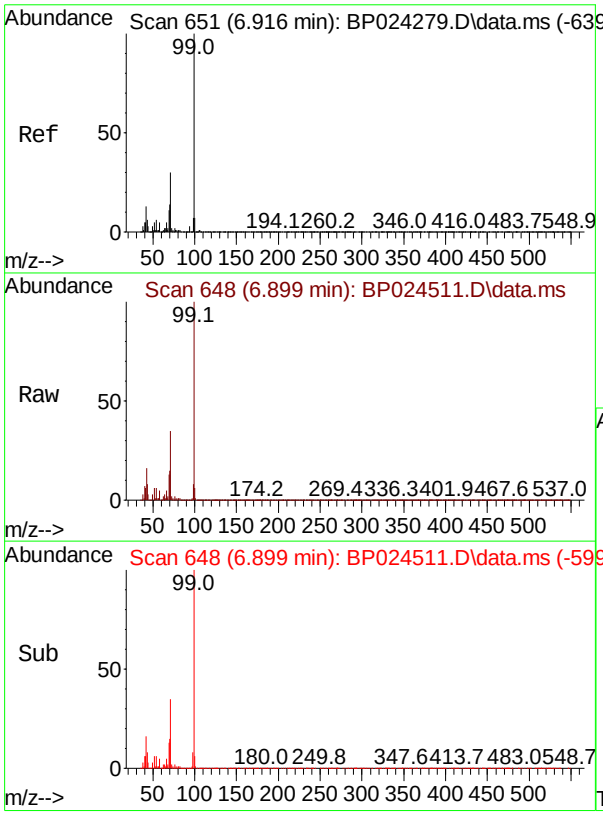


#5

2-Fluorophenol
Concen: 59.018 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024511.D
Acq: 02 May 2025 16:19

Tgt Ion:112 Resp: 478736

Ion	Ratio	Lower	Upper
112	100		
64	53.4	41.1	61.7
63	28.1	20.6	30.8

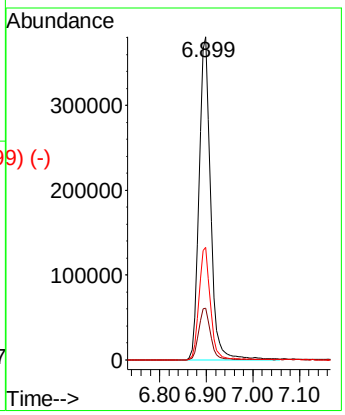


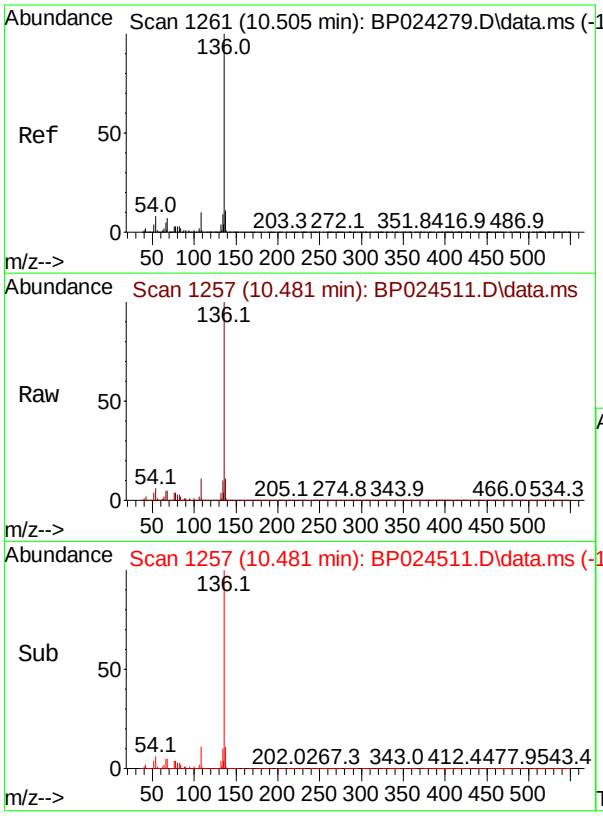
#7
Phenol-d6
Concen: 59.329 ng
RT: 6.899 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP024511.D
Acq: 02 May 2025 16:19

Instrument :
BNA_P
ClientSampleId :
MH-S

Tgt Ion: 99 Resp: 658972

Ion	Ratio	Lower	Upper
99	100		
42	16.0	10.6	16.0#
71	34.8	23.7	35.5

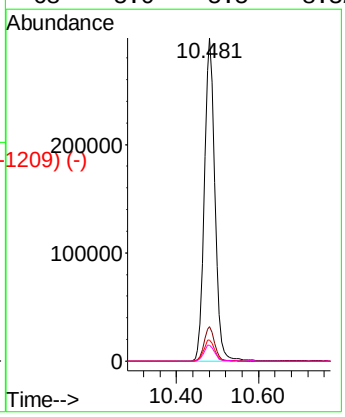


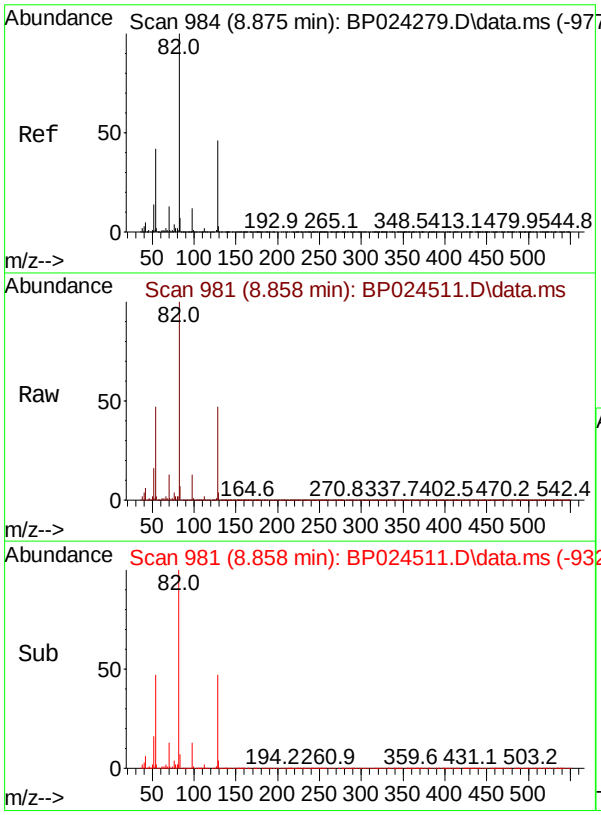


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024511.D
Acq: 02 May 2025 16:19

Tgt Ion:136 Resp: 530882

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.4	6.0	9.0
68	5.0	5.5	8.3#



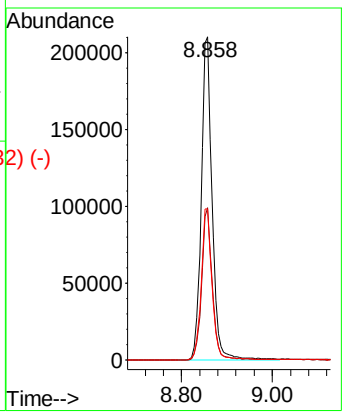


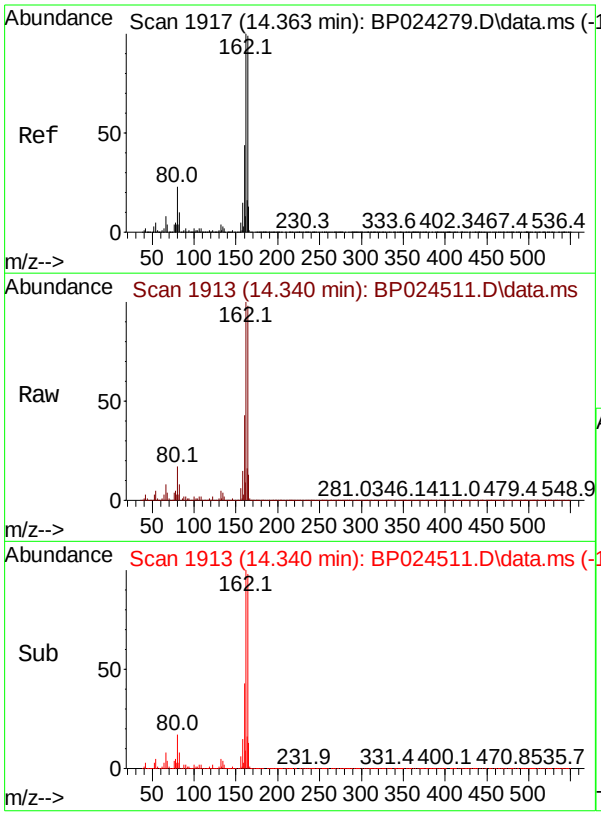
#23
Nitrobenzene-d5
Concen: 37.253 ng
RT: 8.858 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024511.D
Acq: 02 May 2025 16:19

Instrument :
BNA_P
ClientSampleId :
MH-S

Tgt Ion: 82 Resp: 346838

Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.5	54.7
54	46.7	33.4	50.2

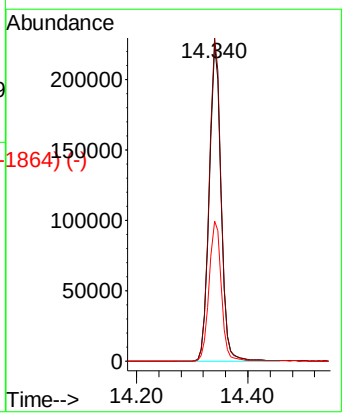


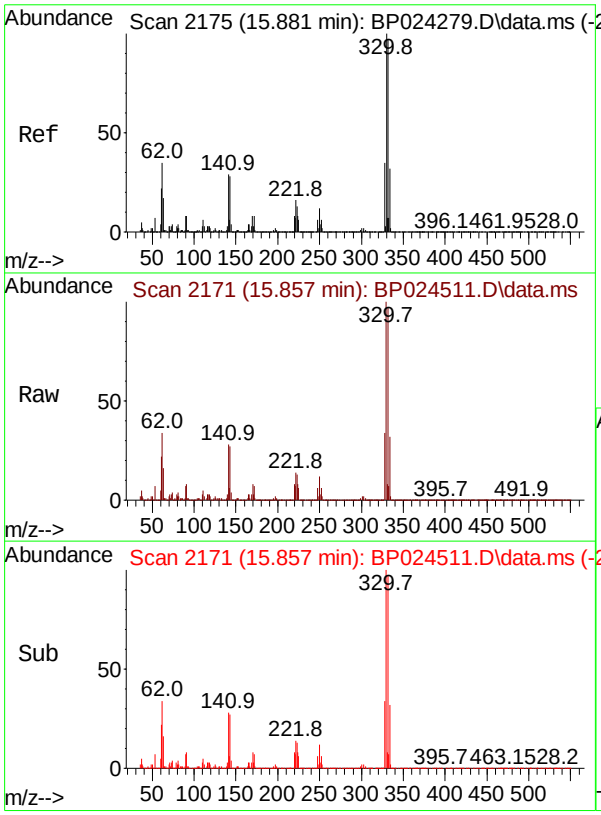


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024511.D
Acq: 02 May 2025 16:19

Tgt Ion:164 Resp: 324939

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	120.8
160	44.3	35.3	52.9



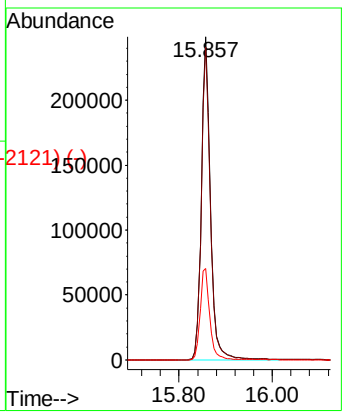


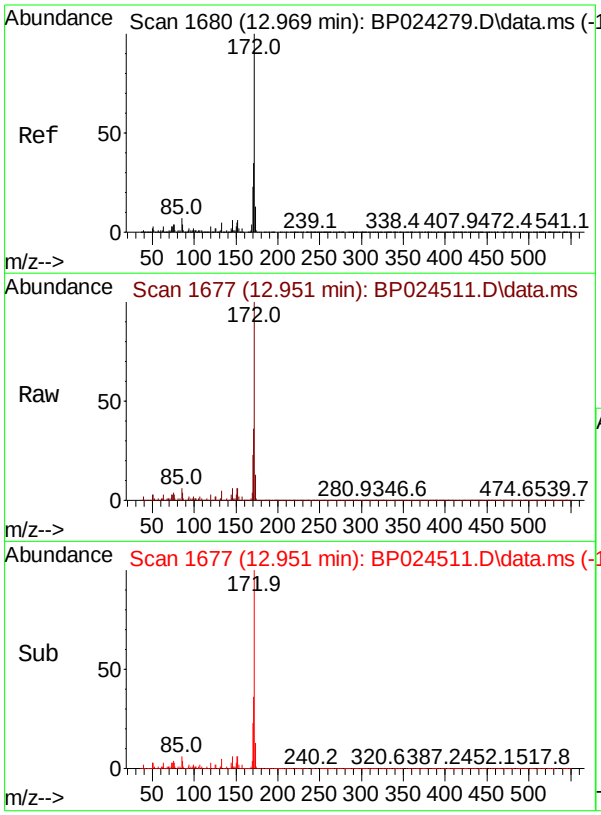
#40
2,4,6-Tribromophenol
Concen: 75.457 ng
RT: 15.857 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024511.D
Acq: 02 May 2025 16:19

Instrument :
BNA_P
ClientSampleId :
MH-S

Tgt Ion:330 Resp: 339232

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	30.0	24.7	37.1

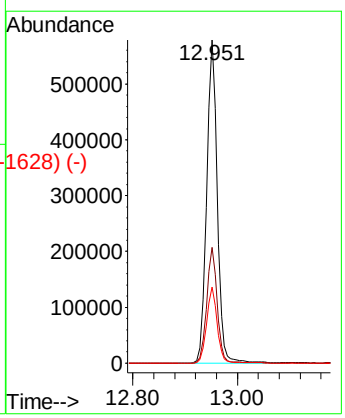


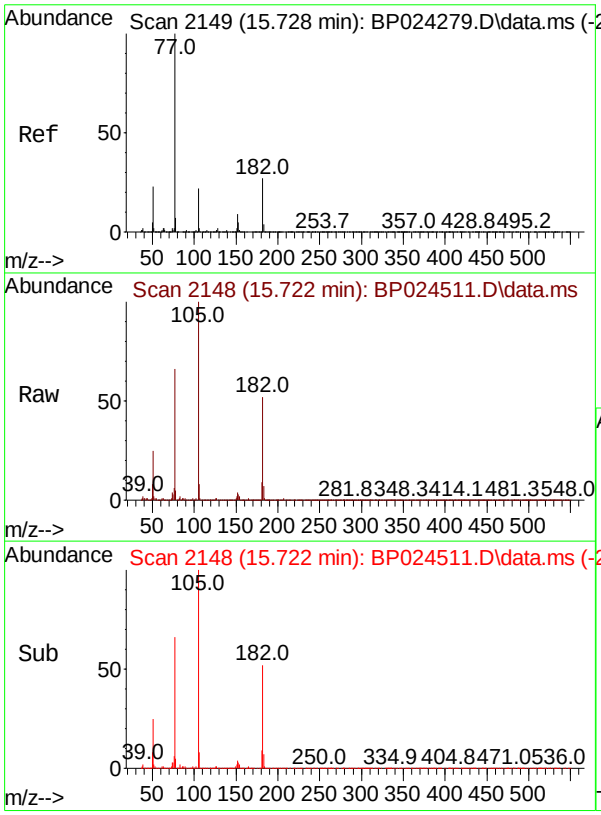


#45
2-Fluorobiphenyl
Concen: 38.334 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024511.D
Acq: 02 May 2025 16:19

Tgt Ion:172 Resp: 813550

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	23.5	18.6	27.8



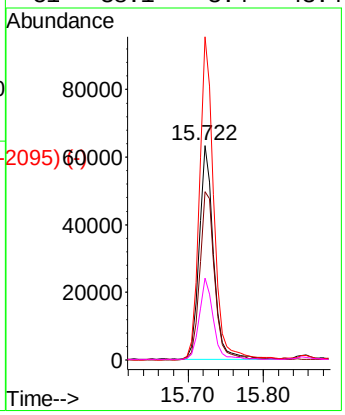


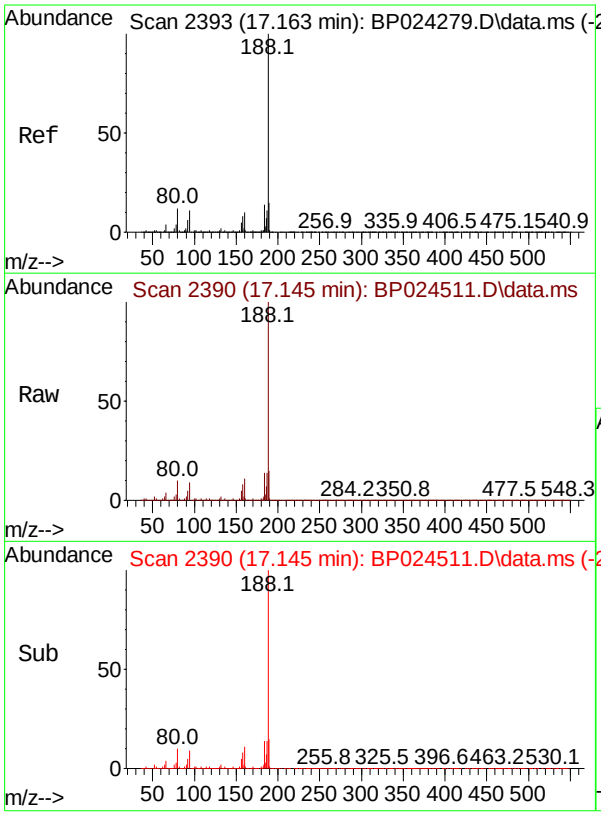
#63
Azobenzene
Concen: 3.754 ng
RT: 15.722 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024511.D
Acq: 02 May 2025 16:19

Instrument :
BNA_P
ClientSampleId :
MH-S

Tgt Ion: 77 Resp: 84026

Ion	Ratio	Lower	Upper
77	100		
182	78.6	7.3	47.3#
105	150.6	2.3	42.3#
51	38.1	3.4	43.4

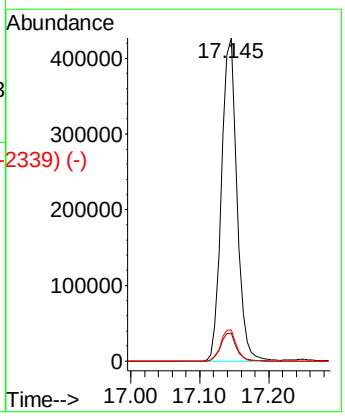


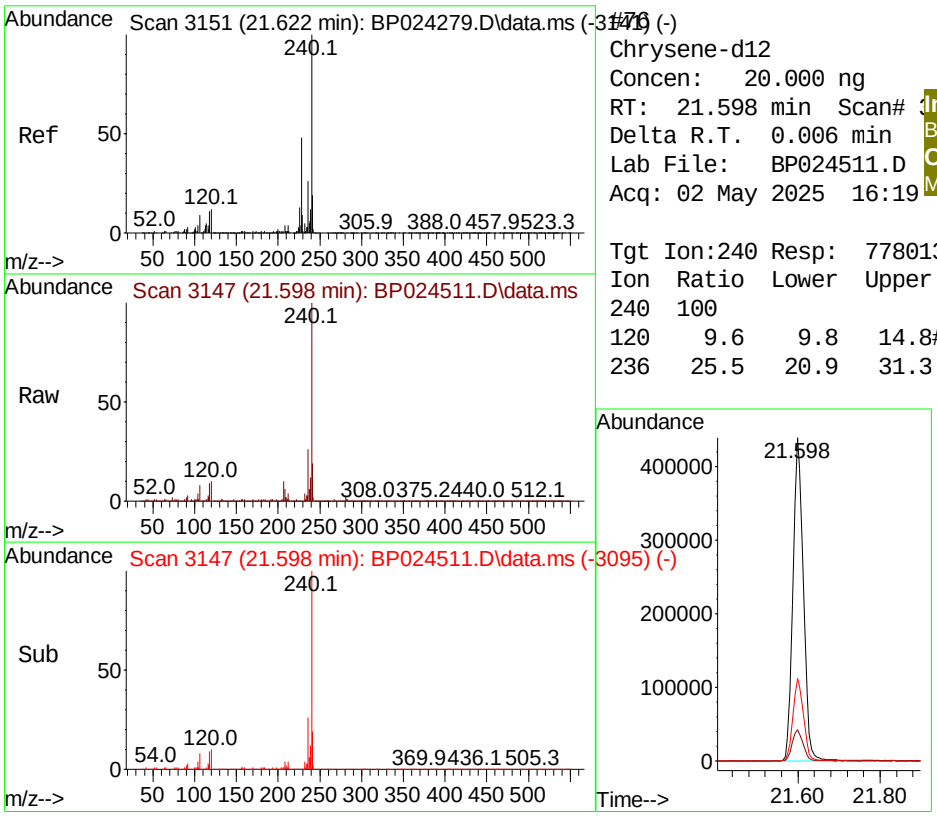


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP024511.D
Acq: 02 May 2025 16:19

Tgt Ion:188 Resp: 665716

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



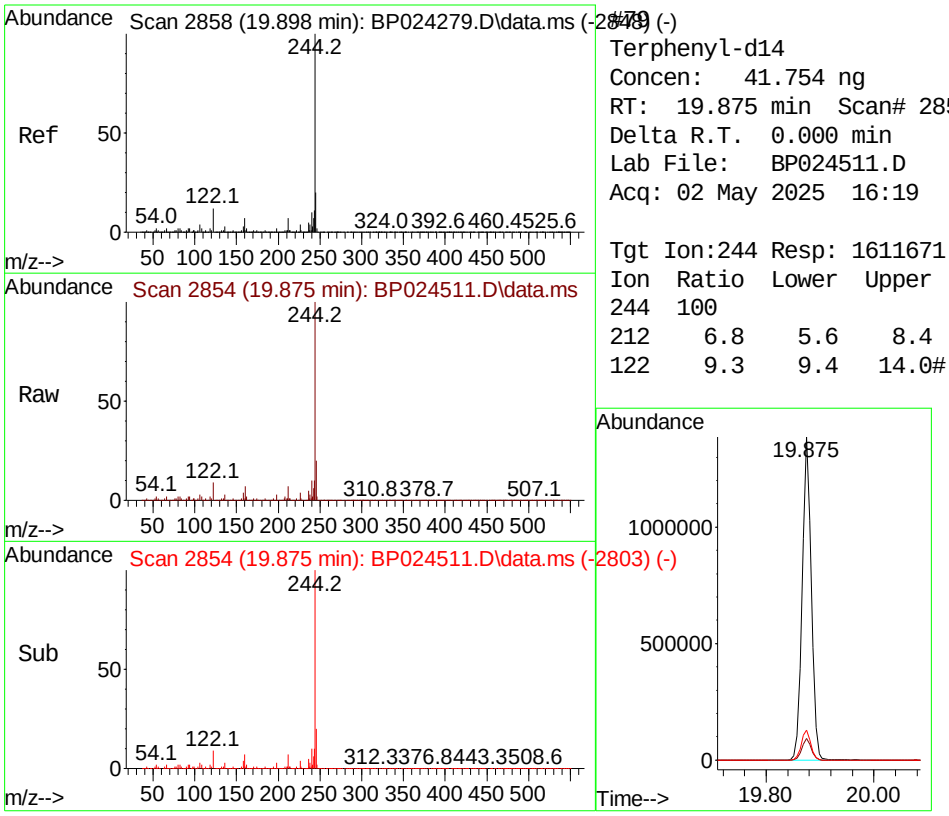


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024511.D
Acq: 02 May 2025 16:19

Instrument :
BNA_P
ClientSampleId :
MH-S

Tgt Ion:240 Resp: 778013

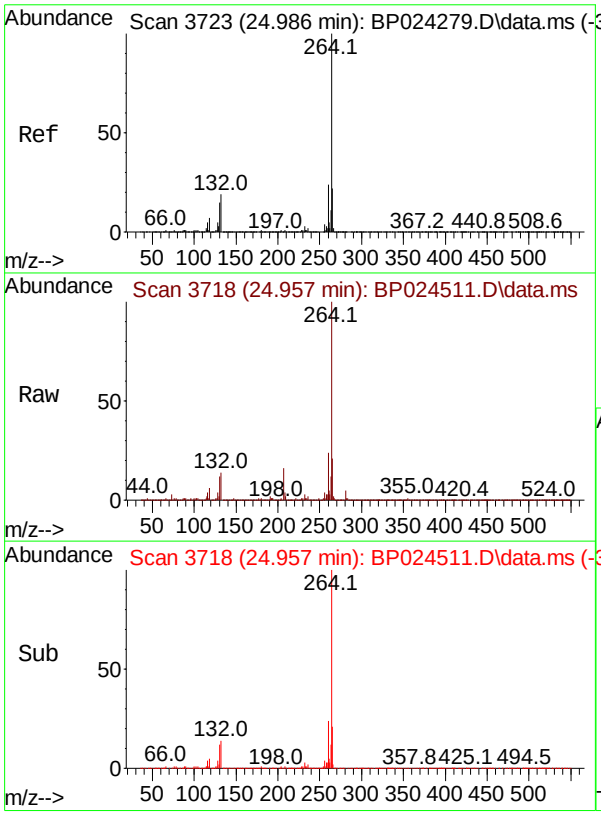
Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.8	14.8#
236	25.5	20.9	31.3



#79
Terphenyl-d14
Concen: 41.754 ng
RT: 19.875 min Scan# 2854
Delta R.T. 0.000 min
Lab File: BP024511.D
Acq: 02 May 2025 16:19

Tgt Ion:244 Resp: 1611671

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	9.3	9.4	14.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.957 min Scan# 1
Delta R.T. 0.024 min
Lab File: BP024511.D
Acq: 02 May 2025 16:19

Instrument :
BNA_P
ClientSampleId :
MH-S

Tgt Ion:264 Resp: 901443

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.4	17.8	26.6