Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024512.D
Acq On : 02 May 2025 17:00
Operator : RC/JU
Sample : Q1928-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-Q

Quant Time: May 02 17:48:24 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	116610	20.000	ng	-0.02
21) Naphthalene-d8	10.481	136	441564	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	271829	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	549619	20.000	ng	# 0.00
76) Chrysene-d12	21.592	240	679402	20.000	ng	0.00
86) Perylene-d12	24.951	264	816732	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	548011	77.704	ng	-0.02
7) Phenol-d6	6.893	99	690637	71.518	ng	-0.02
23) Nitrobenzene-d5	8.857	82	400086	51.665	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	372684	99.094	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	827960	46.636	ng	-0.01
79) Terphenyl-d14	19.875	244	1617694	47.993	ng	0.00
Target Compounds						Qvalue

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

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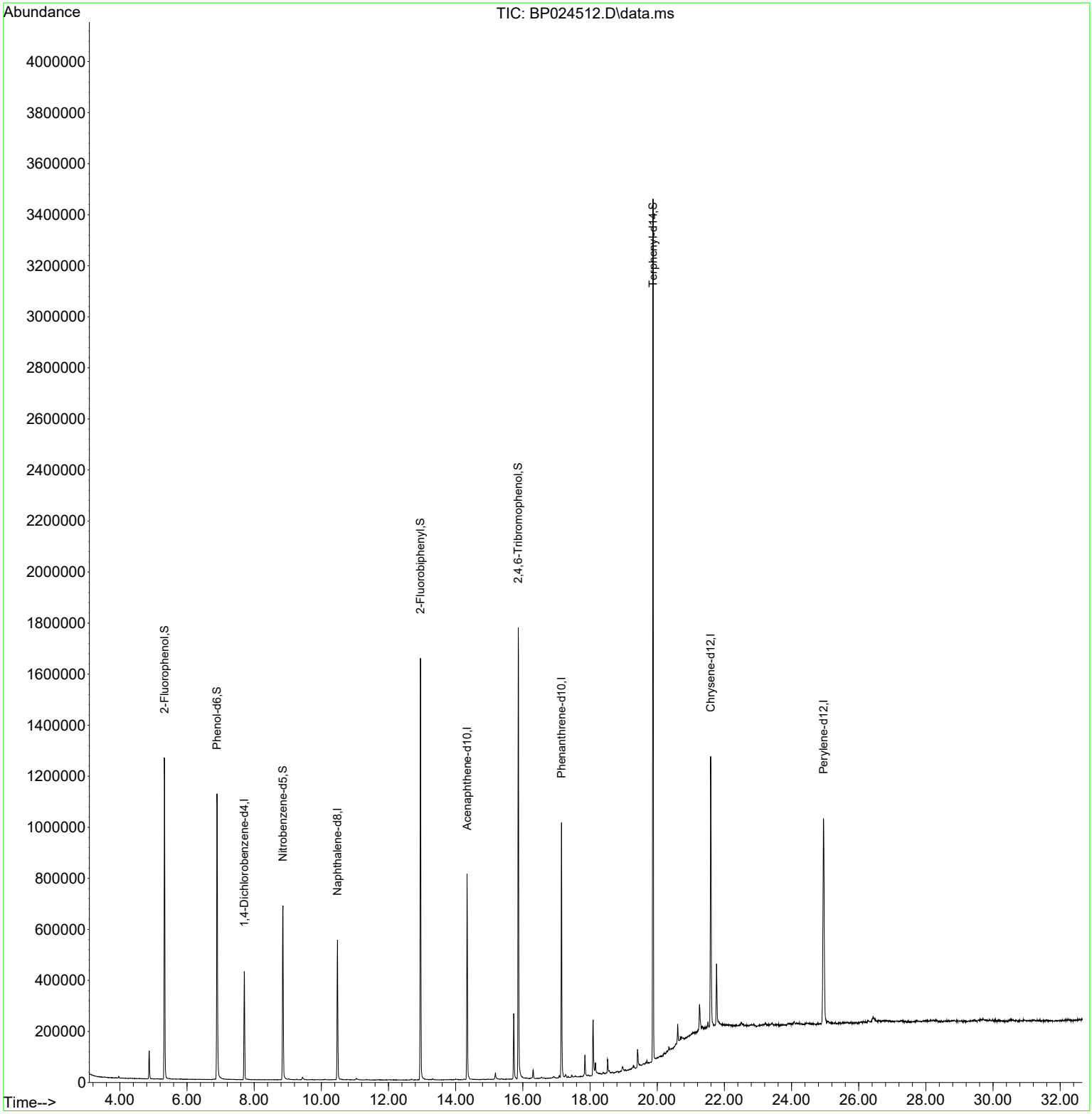
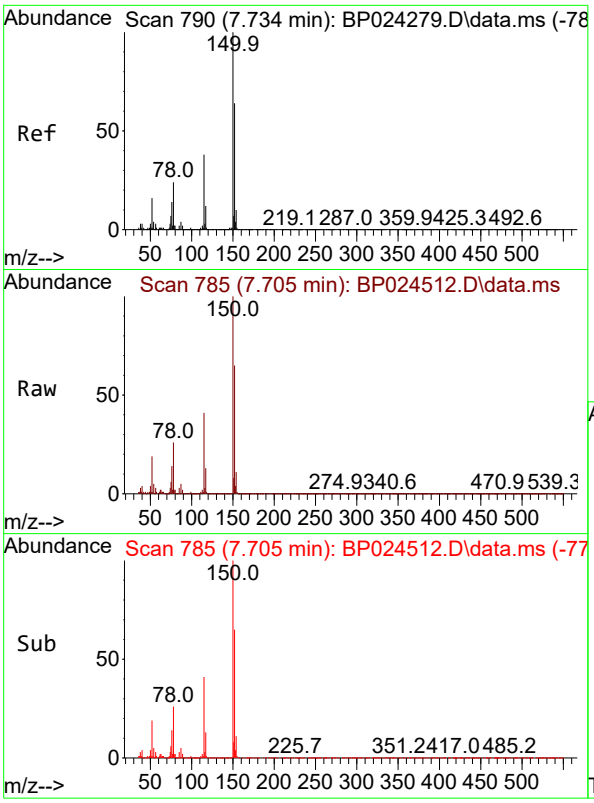


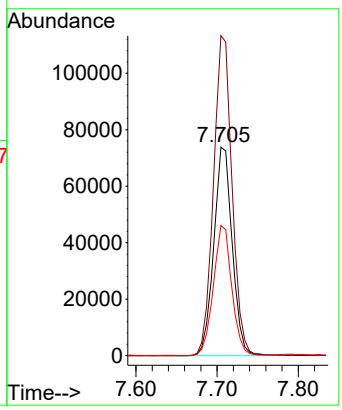


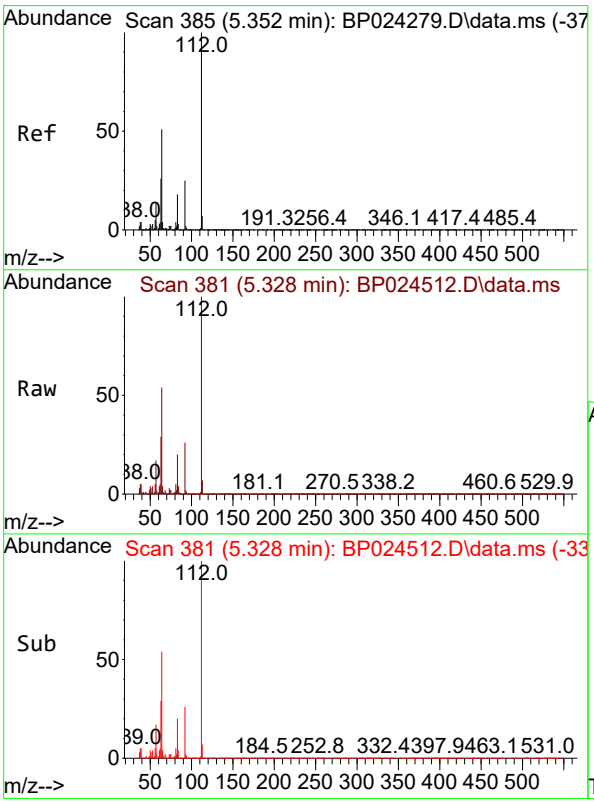
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP024512.D
Acq: 02 May 2025 17:00

Instrument :
BNA_P
ClientSampleId :
MH-Q

Tgt Ion:152 Resp: 116610

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.9	187.3
115	62.4	47.7	71.5

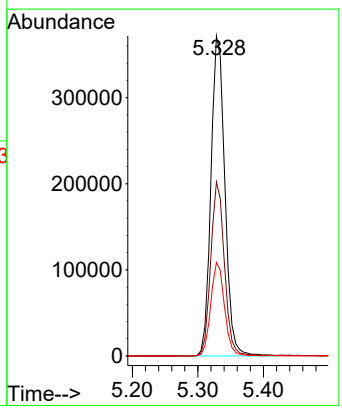


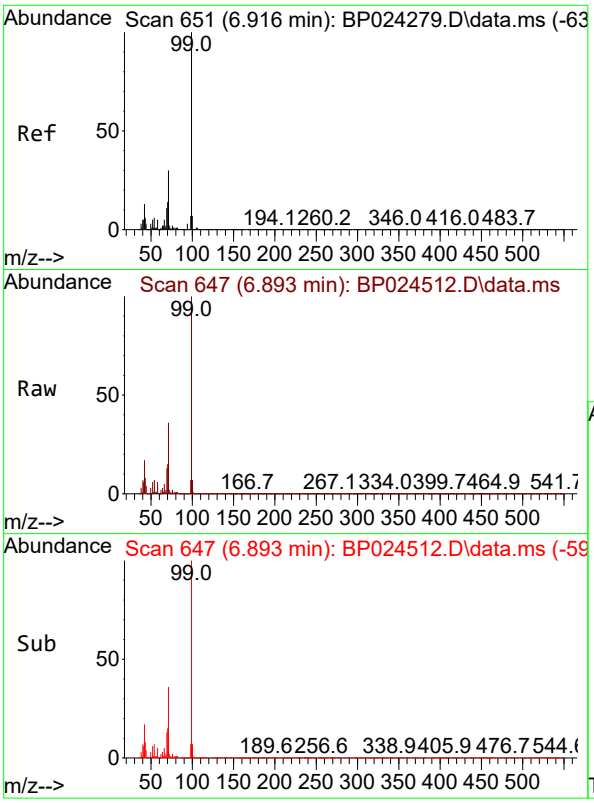


#5
2-Fluorophenol
Concen: 77.704 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024512.D
Acq: 02 May 2025 17:00

Tgt Ion:112 Resp: 548011

Ion	Ratio	Lower	Upper
112	100		
64	54.4	41.1	61.7
63	29.2	20.6	30.8



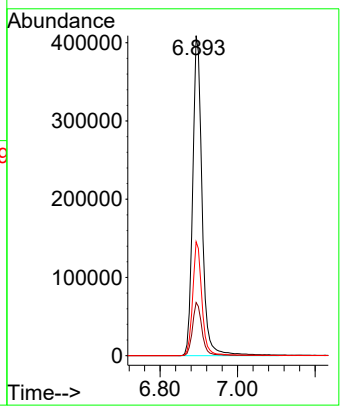


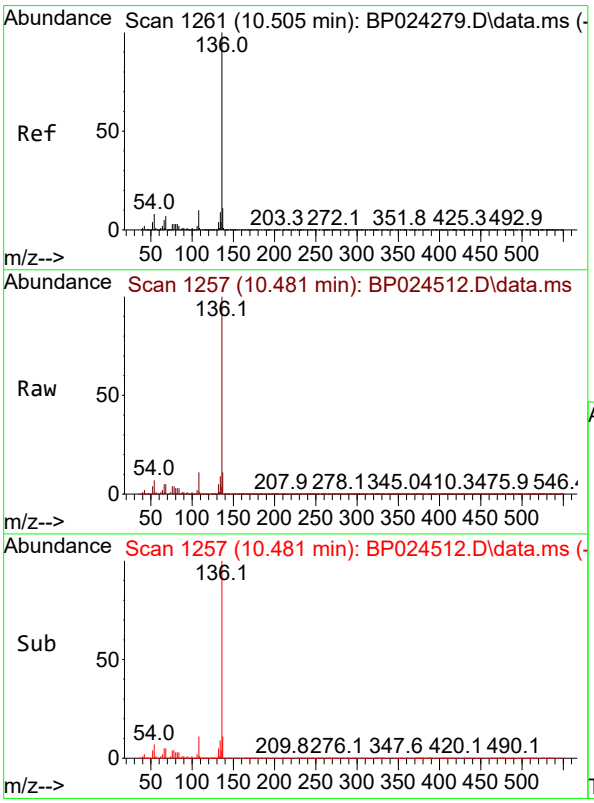
#7
Phenol-d6
Concen: 71.518 ng
RT: 6.893 min Scan# 64
Delta R.T. -0.018 min
Lab File: BP024512.D
Acq: 02 May 2025 17:00

Instrument :
BNA_P
ClientSampleId :
MH-Q

Tgt Ion: 99 Resp: 690637

Ion	Ratio	Lower	Upper
99	100		
42	16.6	10.6	16.0#
71	35.6	23.7	35.5#

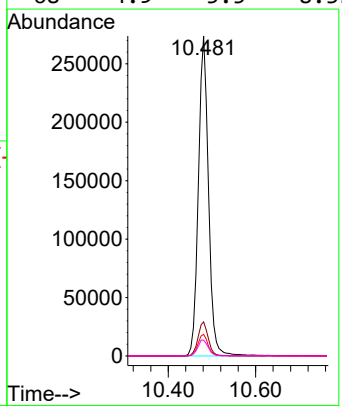


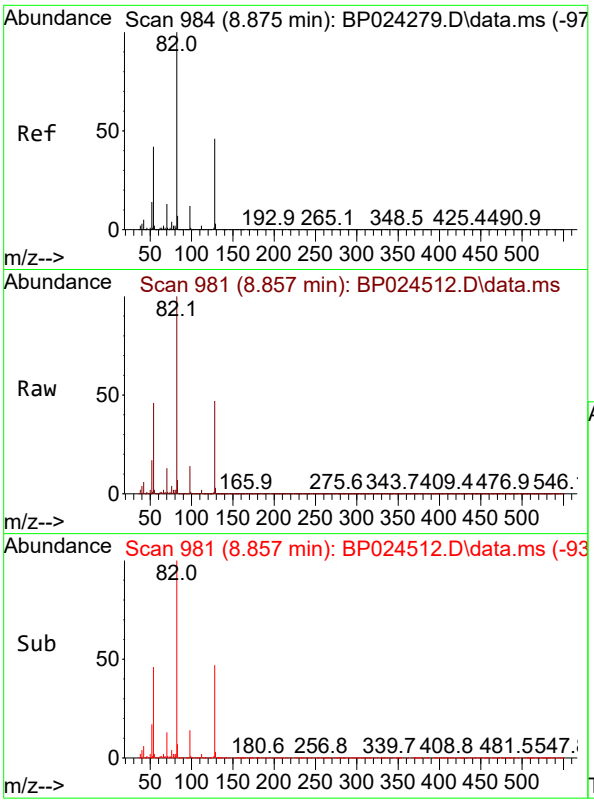


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024512.D
Acq: 02 May 2025 17:00

Tgt Ion:136 Resp: 441564

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.8	6.0	9.0
68	4.9	5.5	8.3#



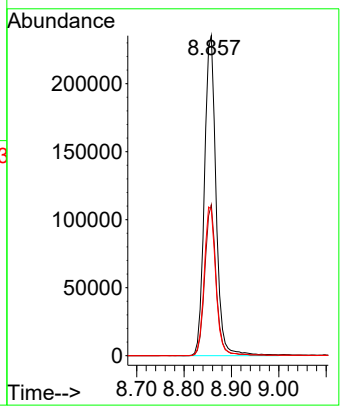


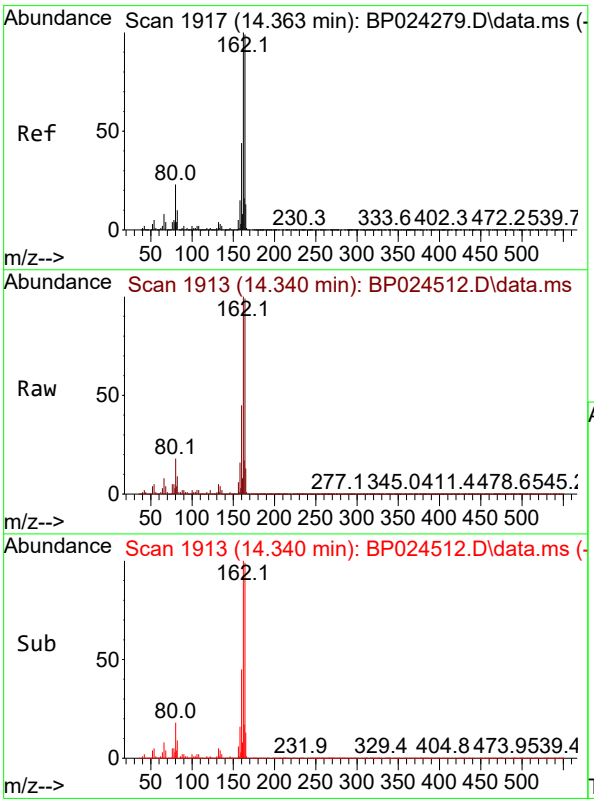
#23
Nitrobenzene-d5
Concen: 51.665 ng
RT: 8.857 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024512.D
Acq: 02 May 2025 17:00

Instrument :
BNA_P
ClientSampleId :
MH-Q

Tgt Ion: 82 Resp: 400086

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.5	54.7
54	45.7	33.4	50.2

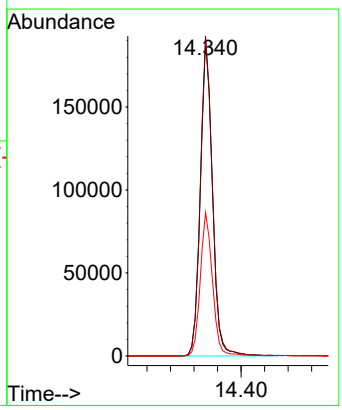


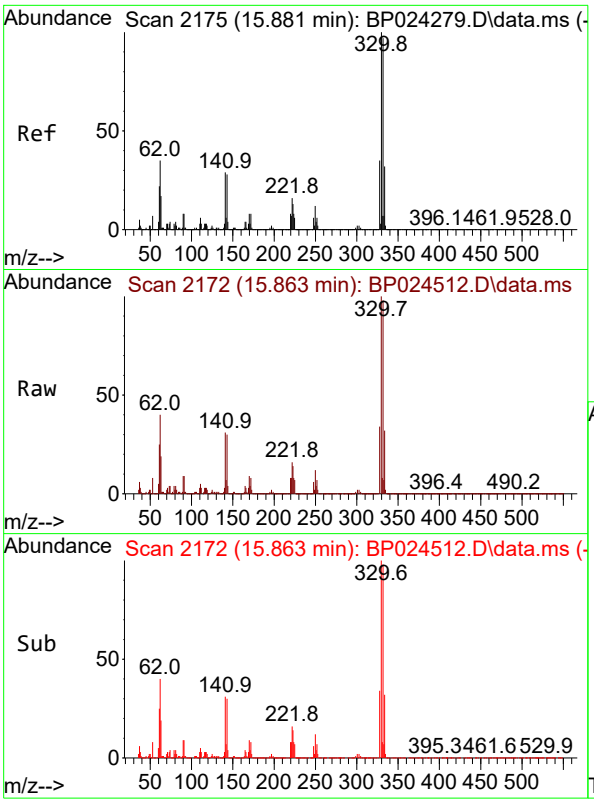


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024512.D
Acq: 02 May 2025 17:00

Tgt Ion:164 Resp: 271829

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	120.8
160	45.5	35.3	52.9



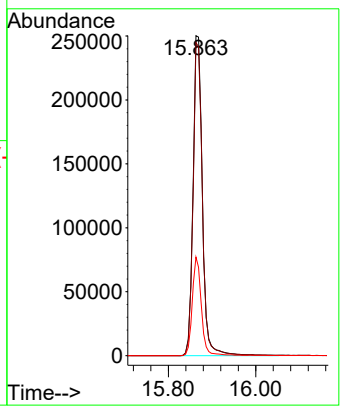


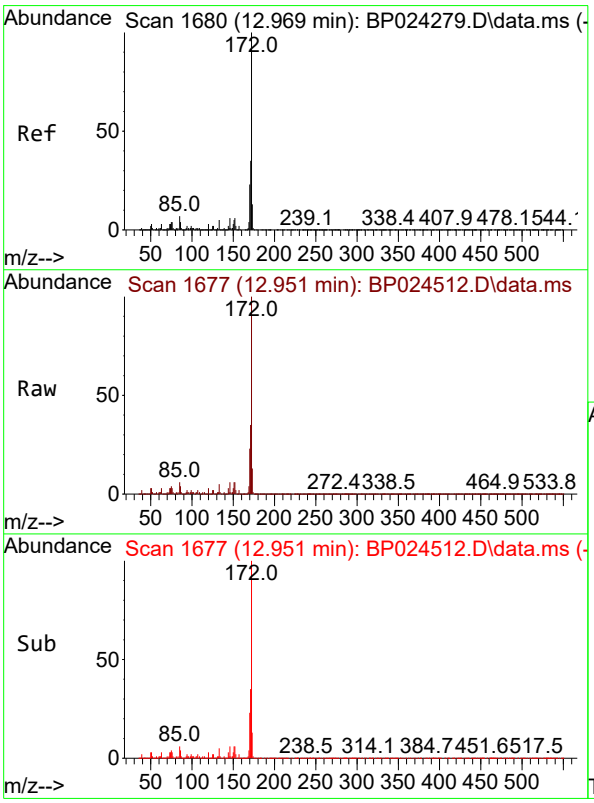
#42
2,4,6-Tribromophenol
Concen: 99.094 ng
RT: 15.863 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024512.D
Acq: 02 May 2025 17:00

Instrument :
BNA_P
ClientSampleId :
MH-Q

Tgt Ion:330 Resp: 372684

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	29.9	24.7	37.1

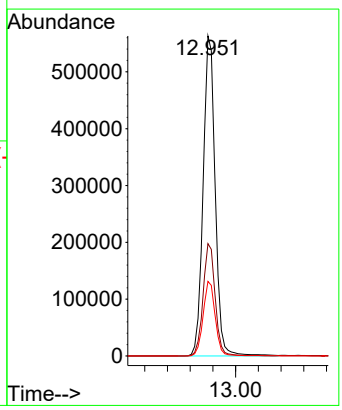


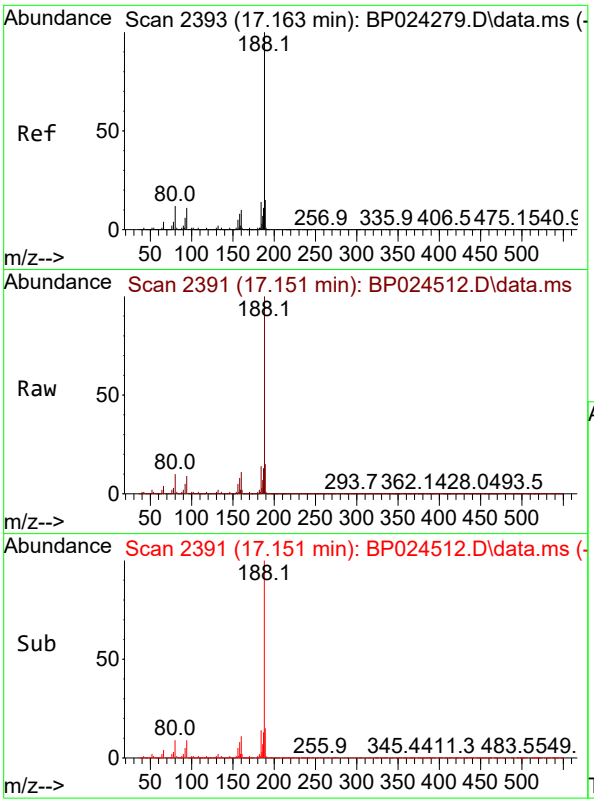


#45
2-Fluorobiphenyl
Concen: 46.636 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024512.D
Acq: 02 May 2025 17:00

Tgt Ion:172 Resp: 827960

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	23.3	18.6	27.8



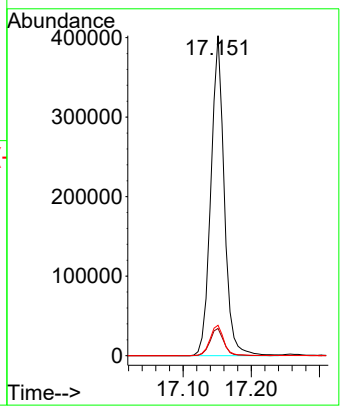


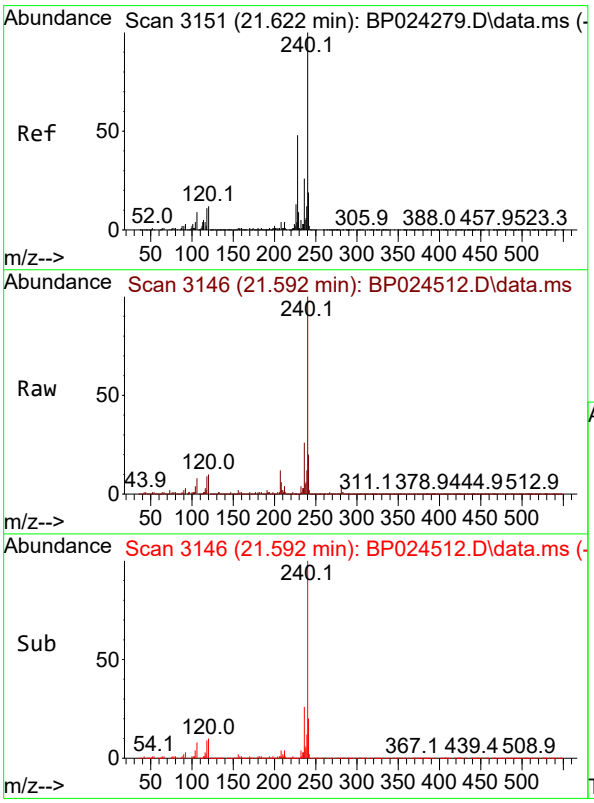
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024512.D
Acq: 02 May 2025 17:00

Instrument :
BNA_P
ClientSampleId :
MH-Q

Tgt Ion:188 Resp: 549619

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.6	13.0#
80	9.5	9.8	14.6#

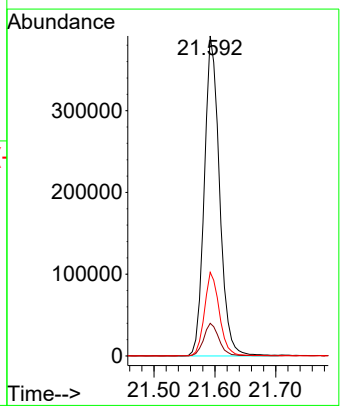


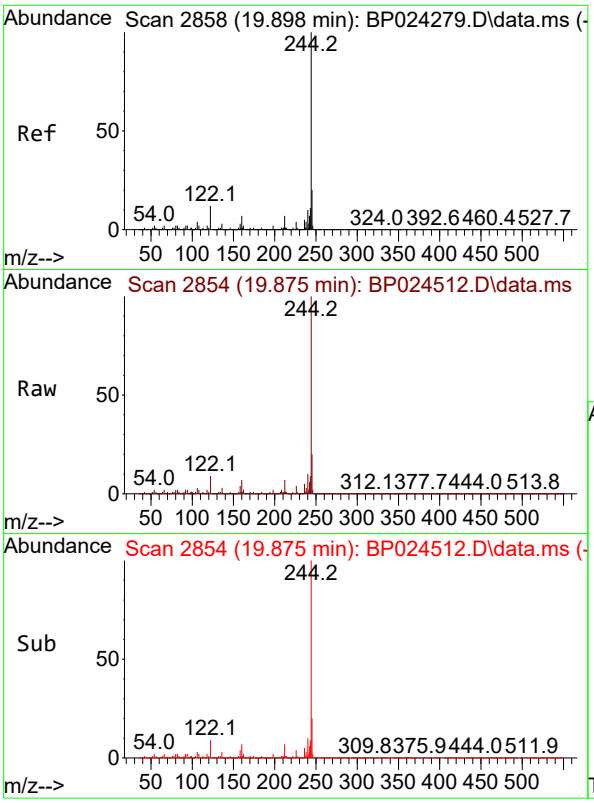


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BP024512.D
Acq: 02 May 2025 17:00

Tgt Ion:240 Resp: 679402

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.8	14.8
236	26.1	20.9	31.3



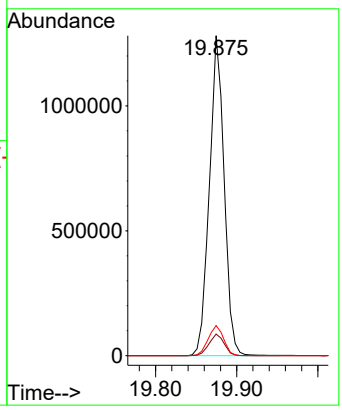


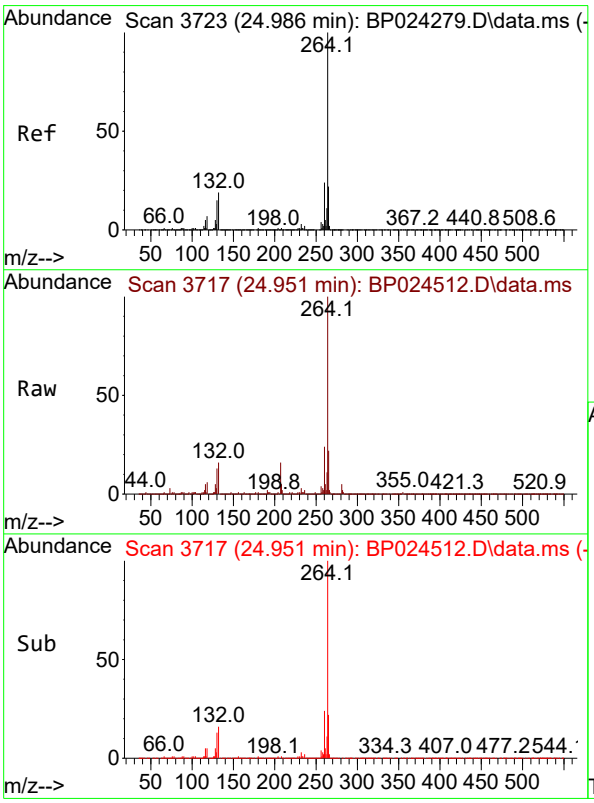
#79
Terphenyl-d14
Concen: 47.993 ng
RT: 19.875 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024512.D
Acq: 02 May 2025 17:00

Instrument :
BNA_P
ClientSampleId :
MH-Q

Tgt Ion:244 Resp: 1617694

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





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.951 min Scan# 3717
Delta R.T. 0.018 min
Lab File: BP024512.D
Acq: 02 May 2025 17:00

Tgt Ion:264 Resp: 816732

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	22.1	17.8	26.6