Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024670.D
Acq On : 17 May 2025 00:29
Operator : RC/JU
Sample : PB167994TB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167994TB

Quant Time: May 17 03:40:39 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	7.657	152	116197	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	458489	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	292863	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	588603	20.000	ng	0.00
76) Chrysene-d12	21.521	240	710936	20.000	ng	0.00
86) Perylene-d12	24.798	264	834201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	907833	133.629	ng	0.01
7) Phenol-d6	6.875	99	1119124	129.071	ng	0.02
23) Nitrobenzene-d5	8.810	82	673162	74.184	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	669725	134.893	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1624400	72.668	ng	0.00
79) Terphenyl-d14	19.816	244	3454852	83.327	ng	0.00
Target Compounds						Qvalue

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

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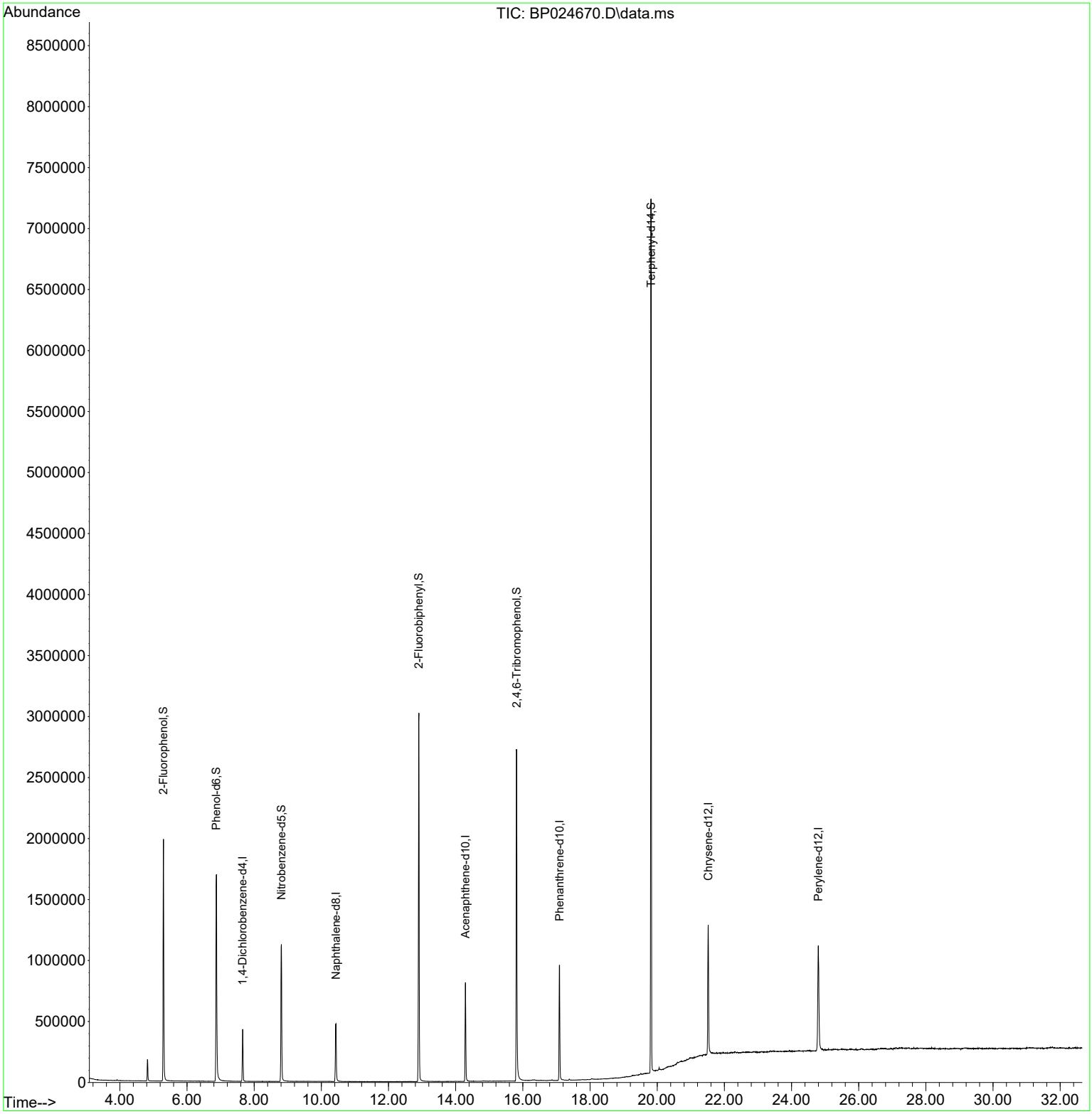
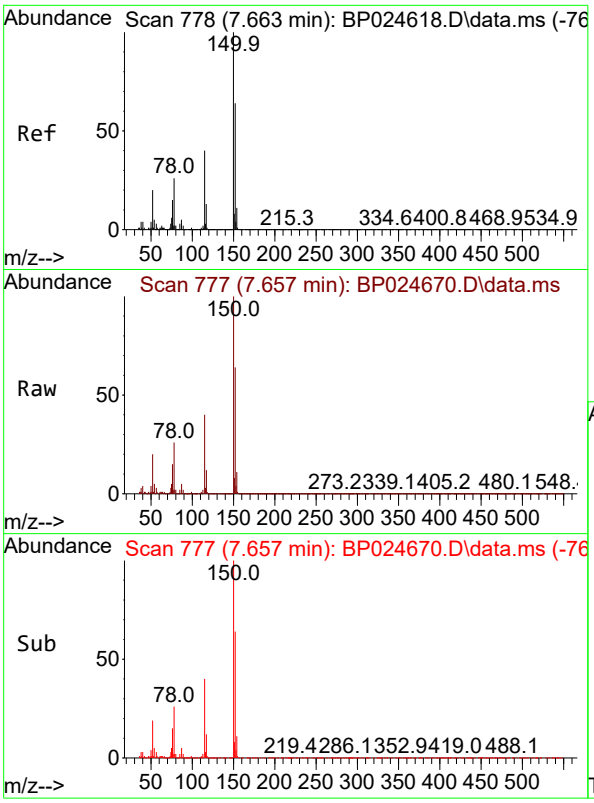


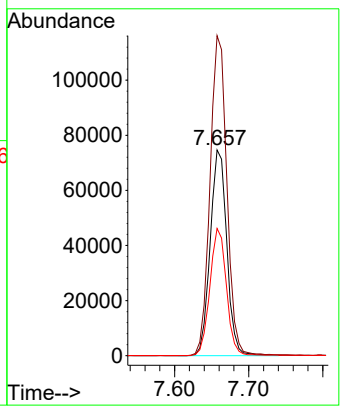


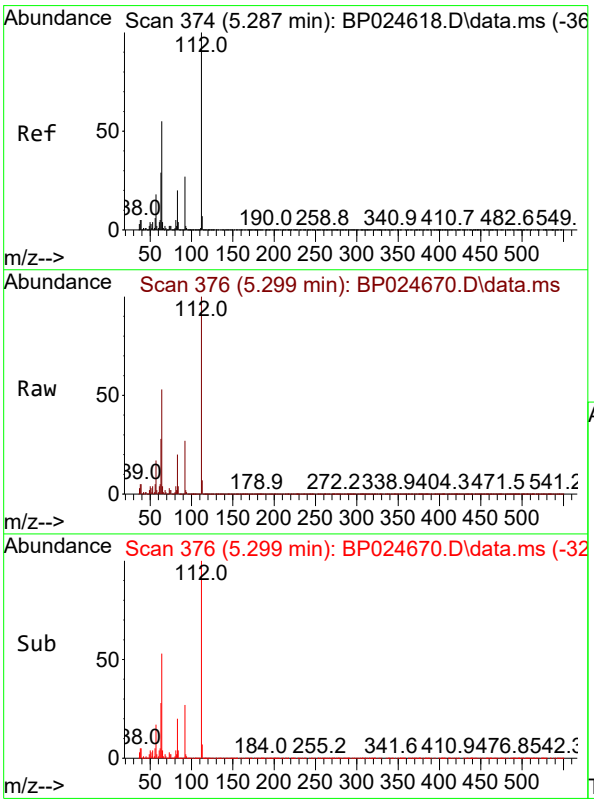
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

Instrument :
BNA_P
ClientSampleId :
PB167994TB

Tgt Ion:152 Resp: 116197

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.9	188.9
115	61.9	50.1	75.1

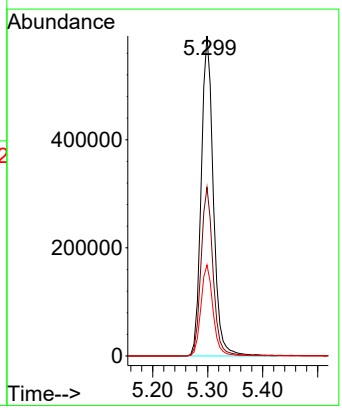


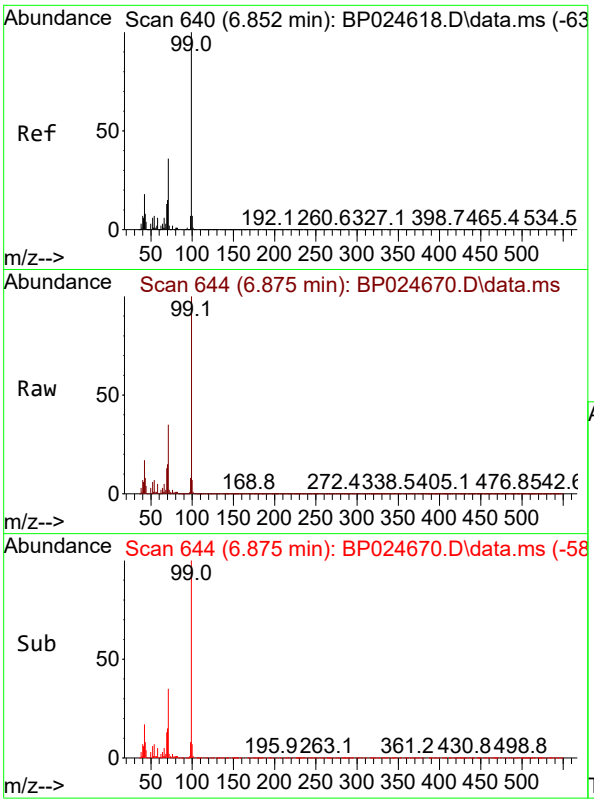


#5
2-Fluorophenol
Concen: 133.629 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.012 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

Tgt Ion:112 Resp: 907833

Ion	Ratio	Lower	Upper
112	100		
64	52.7	44.1	66.1
63	28.4	23.5	35.3



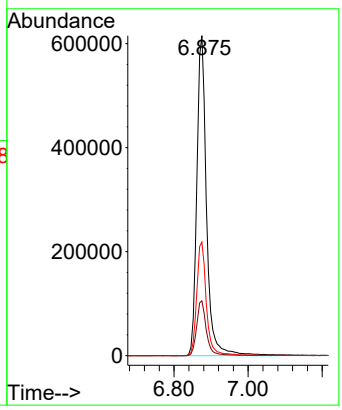


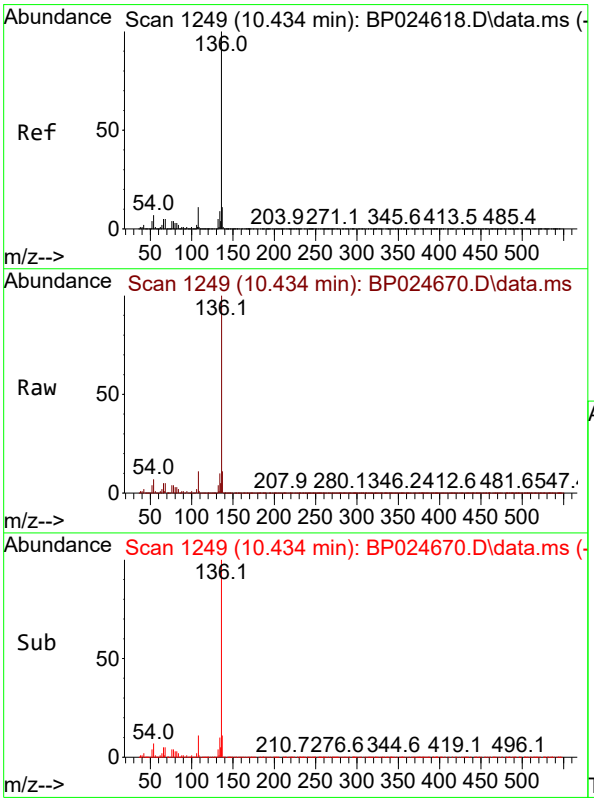
#7
Phenol-d6
Concen: 129.071 ng
RT: 6.875 min Scan# 64
Delta R.T. 0.023 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

Instrument :
BNA_P
ClientSampleId :
PB167994TB

Tgt Ion: 99 Resp: 1119124

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.4	21.6
71	35.5	29.2	43.8

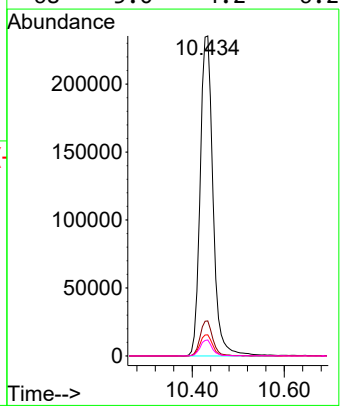


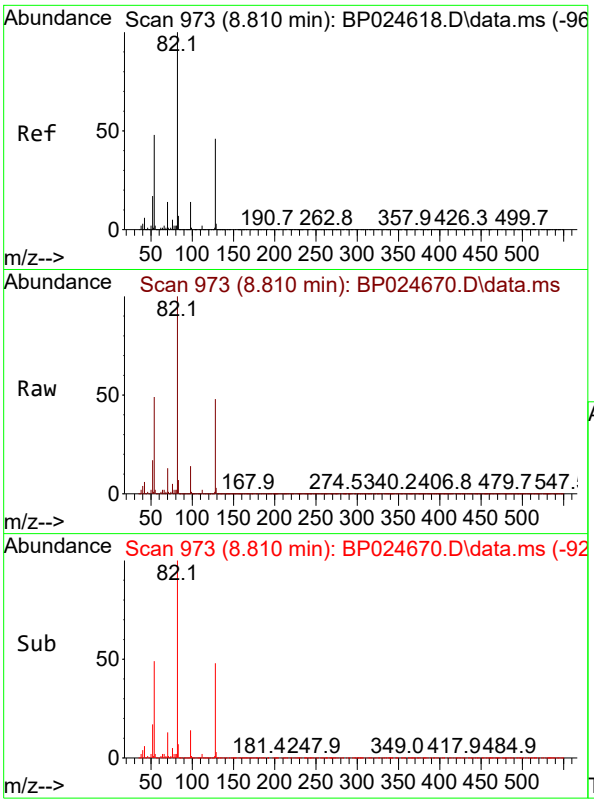


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

Tgt Ion:136 Resp: 458489

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.6	5.5	8.3
68	5.0	4.2	6.2



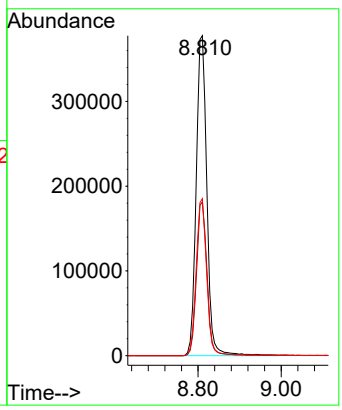


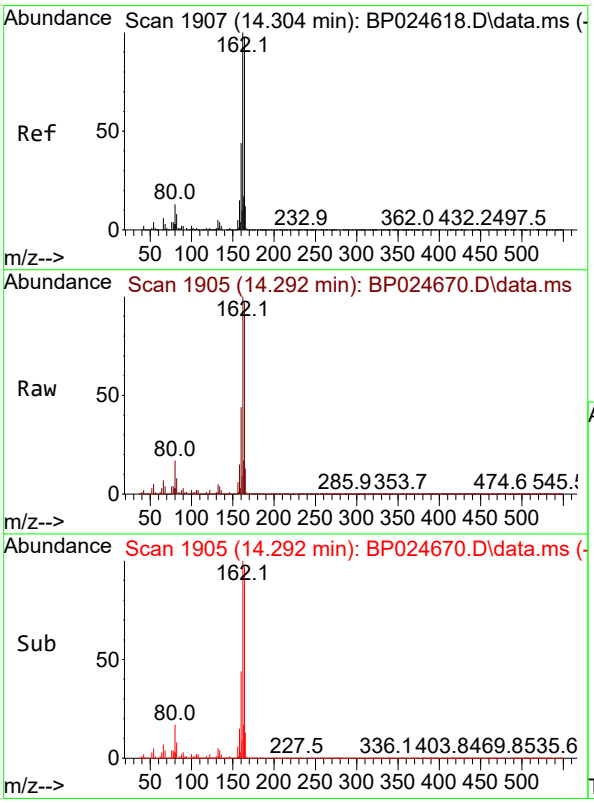
#23
Nitrobenzene-d5
Concen: 74.184 ng
RT: 8.810 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

Instrument :
BNA_P
ClientSampleId :
PB167994TB

Tgt Ion: 82 Resp: 673162

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.0	55.4
54	49.1	38.7	58.1

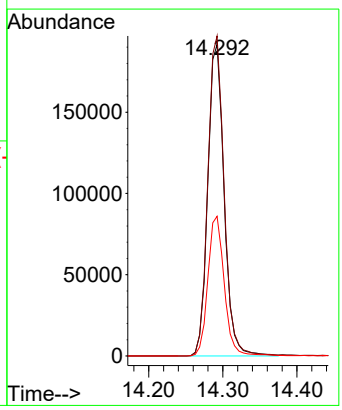


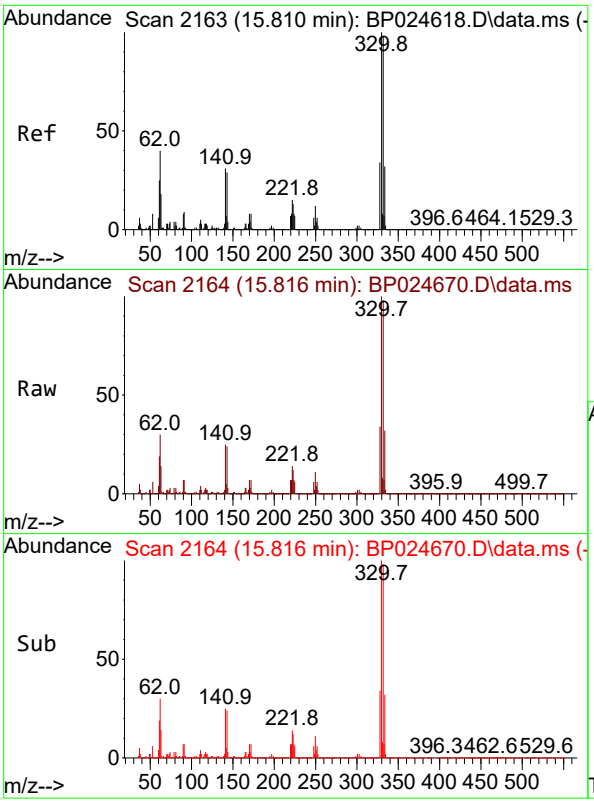


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

Tgt Ion:164 Resp: 292863

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.8	122.6
160	44.8	36.3	54.5



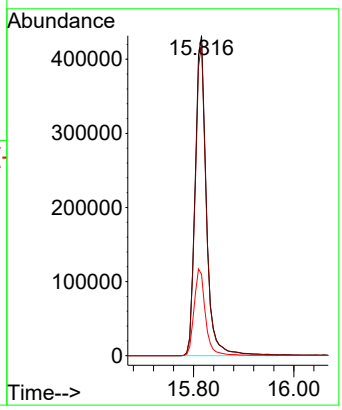


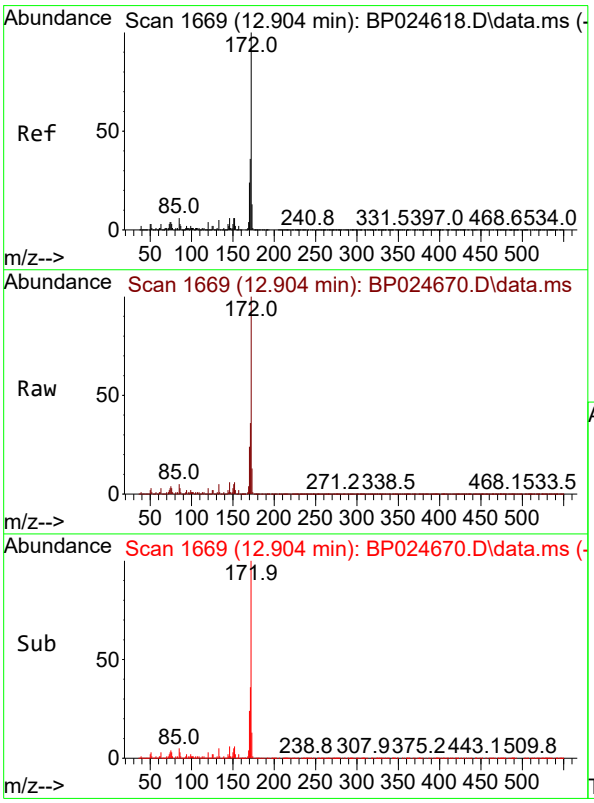
#42
2,4,6-Tribromophenol
Concen: 134.893 ng
RT: 15.816 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

Instrument :
BNA_P
ClientSampleId :
PB167994TB

Tgt Ion:330 Resp: 669725

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.2	117.4
141	27.7	24.3	36.5

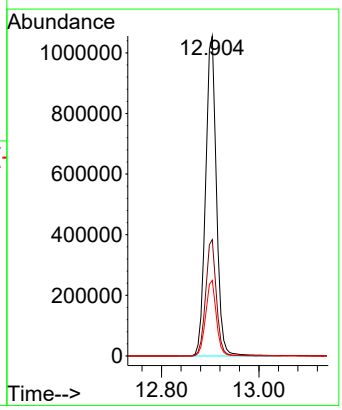


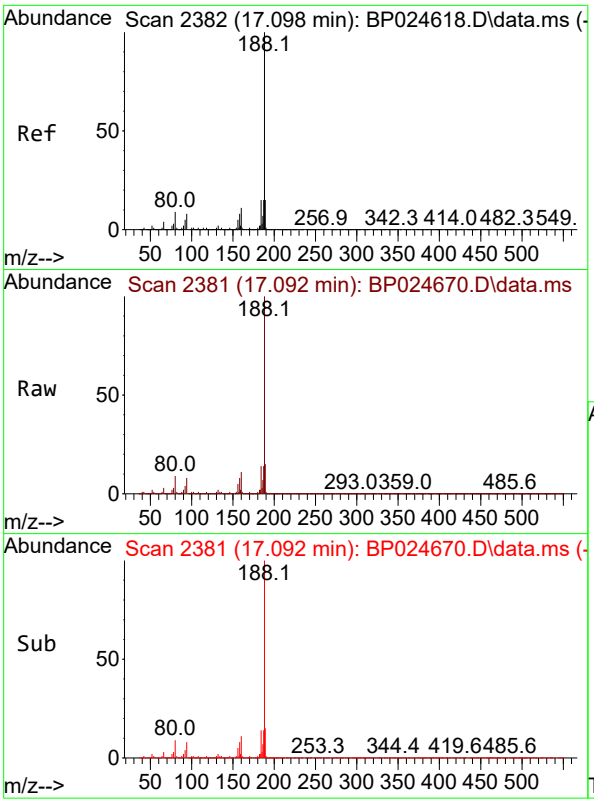


#45
2-Fluorobiphenyl
Concen: 72.668 ng
RT: 12.904 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

Tgt Ion:172 Resp: 1624400

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.8	43.2
170	23.6	18.8	28.2



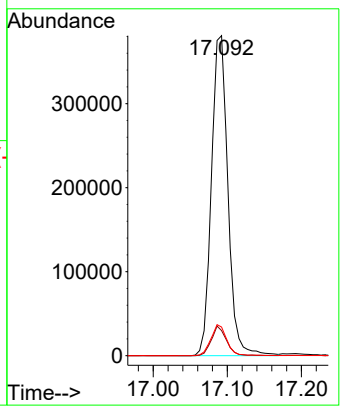


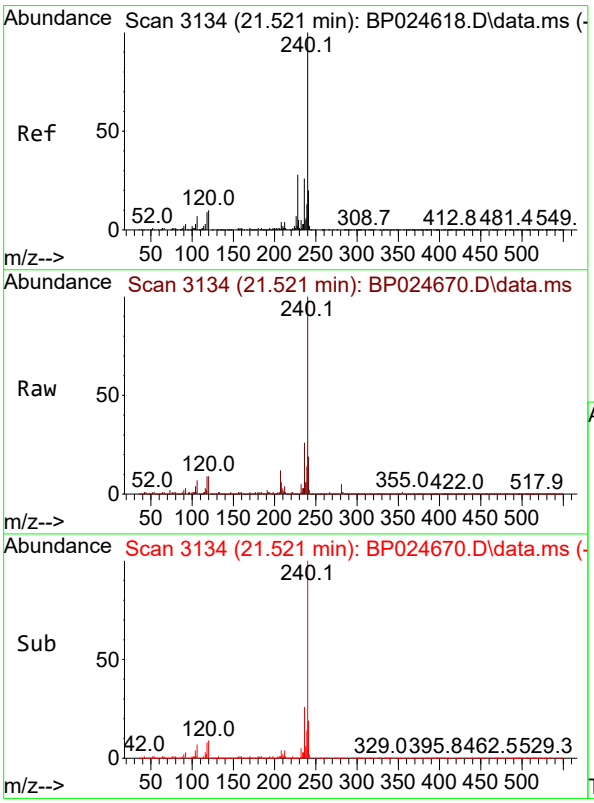
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

Instrument :
BNA_P
ClientSampleId :
PB167994TB

Tgt Ion:188 Resp: 588603

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.5	9.7
80	9.0	7.3	10.9

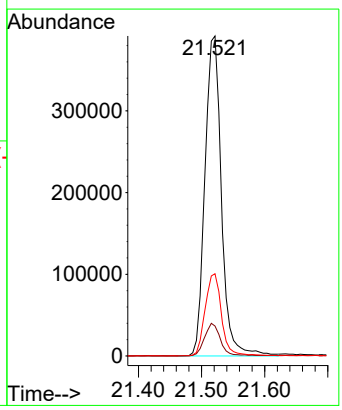


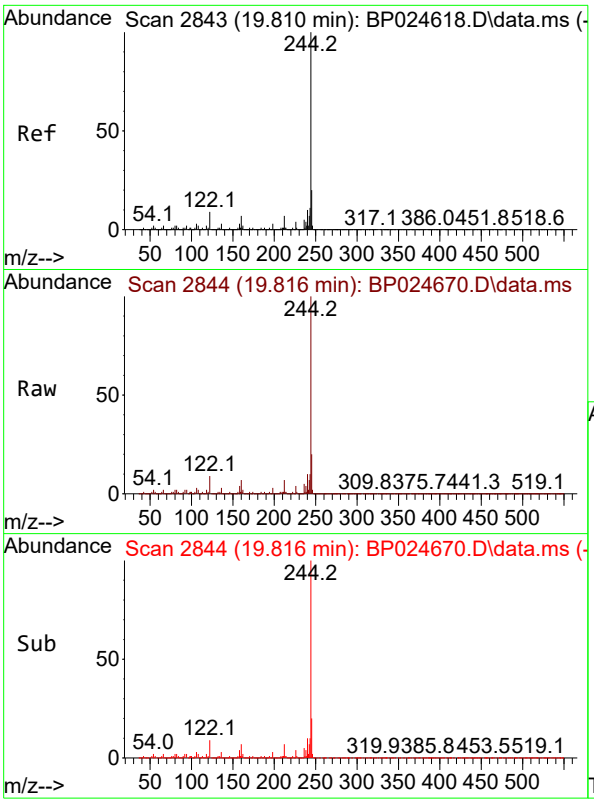


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

Tgt Ion:240 Resp: 710936

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.8	11.6
236	25.7	20.6	31.0



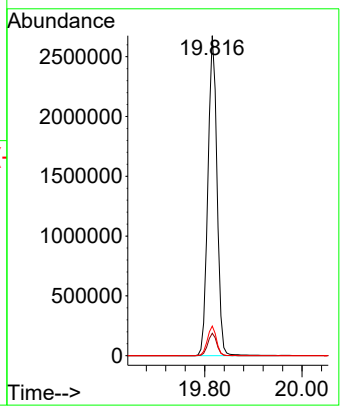


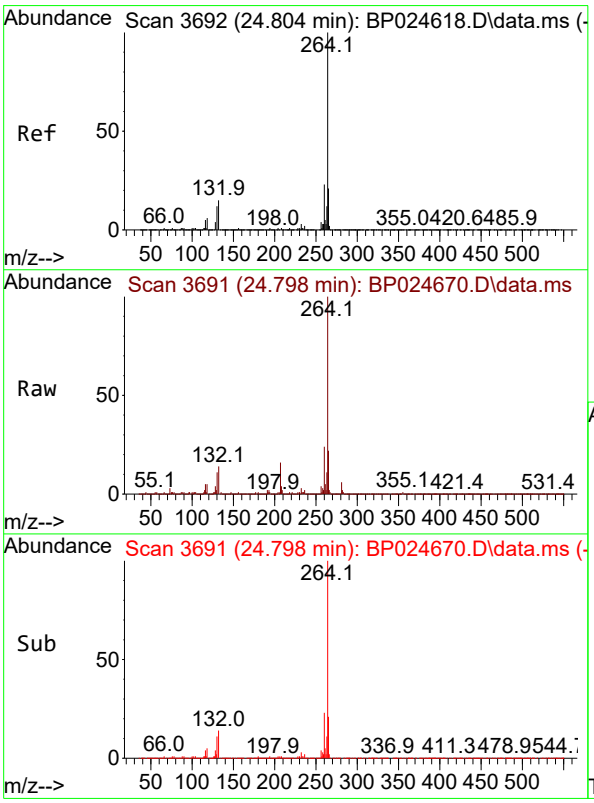
#79
Terphenyl-d14
Concen: 83.327 ng
RT: 19.816 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

Instrument :
BNA_P
ClientSampleId :
PB167994TB

Tgt Ion:244 Resp: 3454852

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	9.3	7.4	11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.798 min Scan# 3691
Delta R.T. -0.006 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

Tgt Ion:264 Resp: 834201

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.7	17.0	25.6