Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024655.D
Acq On : 16 May 2025 13:33
Operator : RC/JU
Sample : PB168019BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168019BL

Quant Time: May 16 13:53:03 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	7.658	152	140246	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	531421	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	317417	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	644830	20.000	ng	0.00
76) Chrysene-d12	21.528	240	773135	20.000	ng	0.00
86) Perylene-d12	24.810	264	912833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	772236	94.178	ng	0.00
7) Phenol-d6	6.852	99	915011	87.434	ng	0.00
23) Nitrobenzene-d5	8.805	82	855484	81.338	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	471548	87.630	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1998040	82.468	ng	0.00
79) Terphenyl-d14	19.828	244	3962461	87.881	ng	0.02
Target Compounds						Qvalue

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

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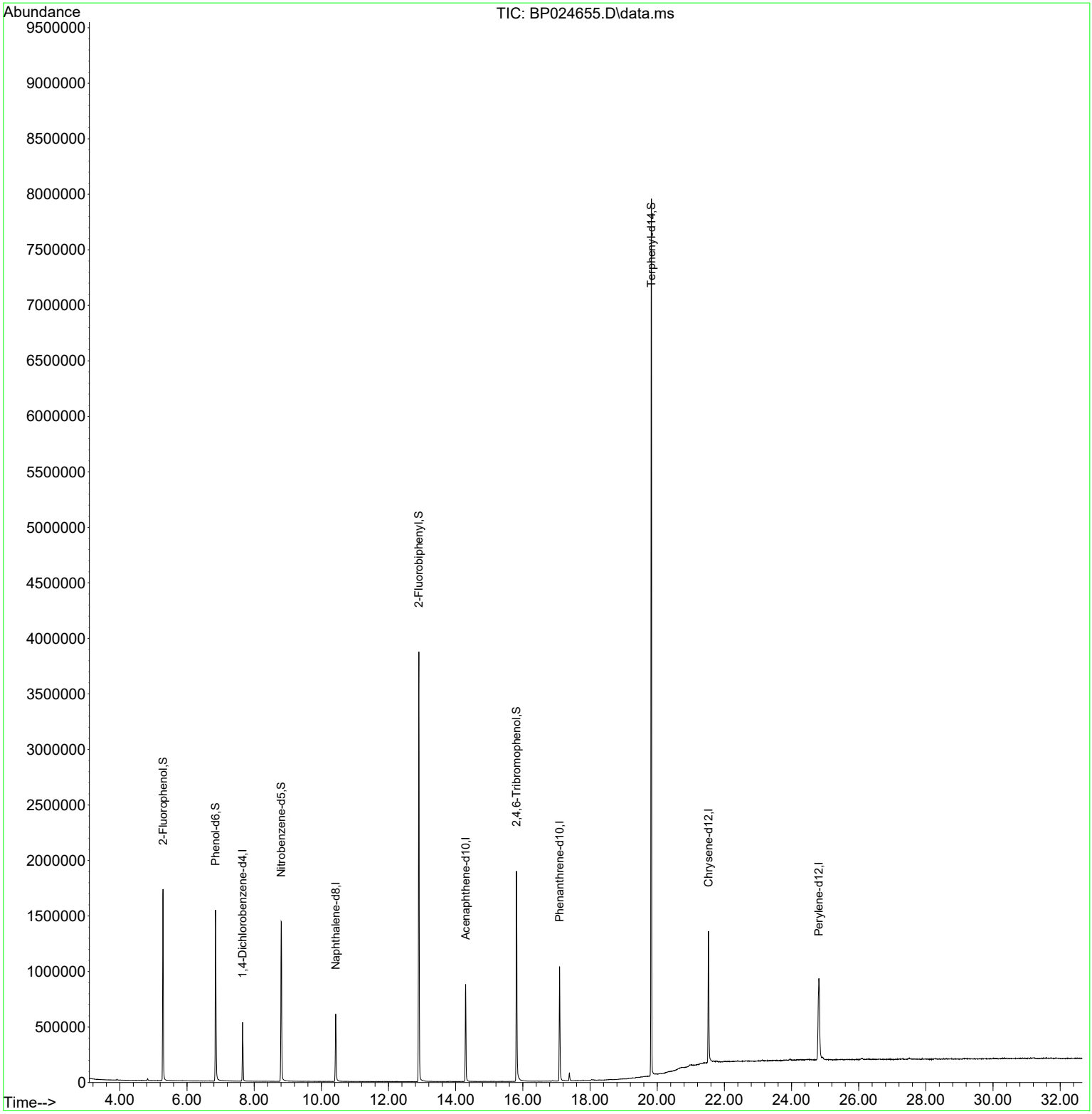
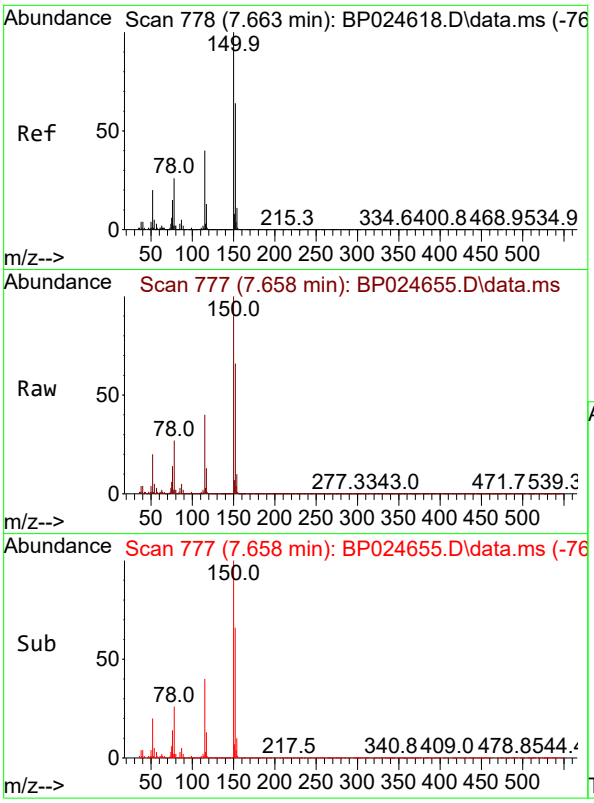


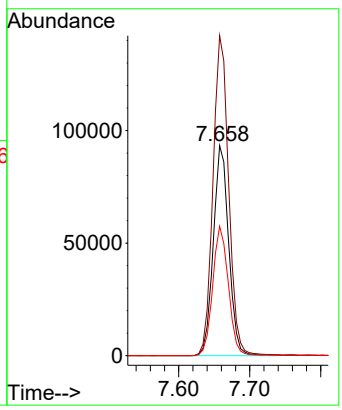


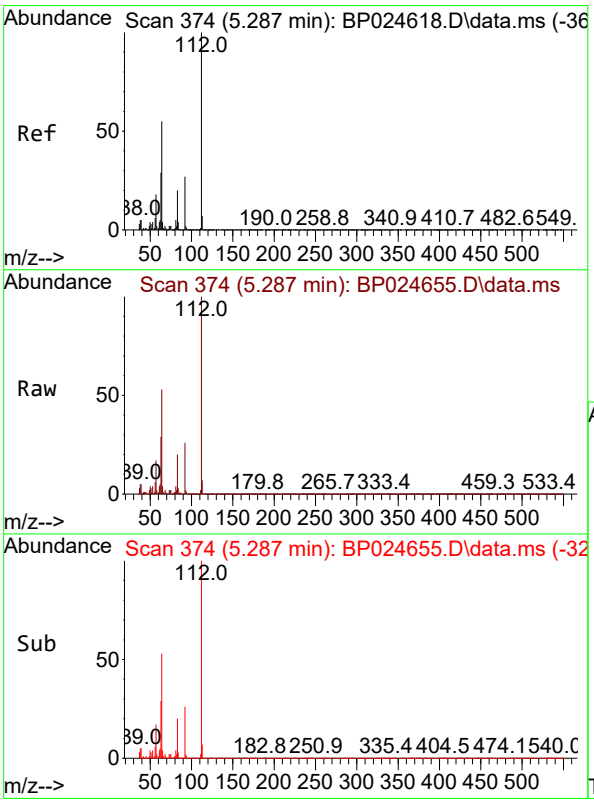
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 7
Delta R.T. -0.005 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

Instrument :
BNA_P
ClientSampleId :
PB168019BL

Tgt Ion:152 Resp: 140246

Ion	Ratio	Lower	Upper
152	100		
150	152.3	125.9	188.9
115	61.6	50.1	75.1

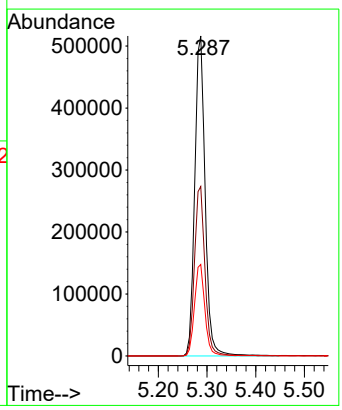


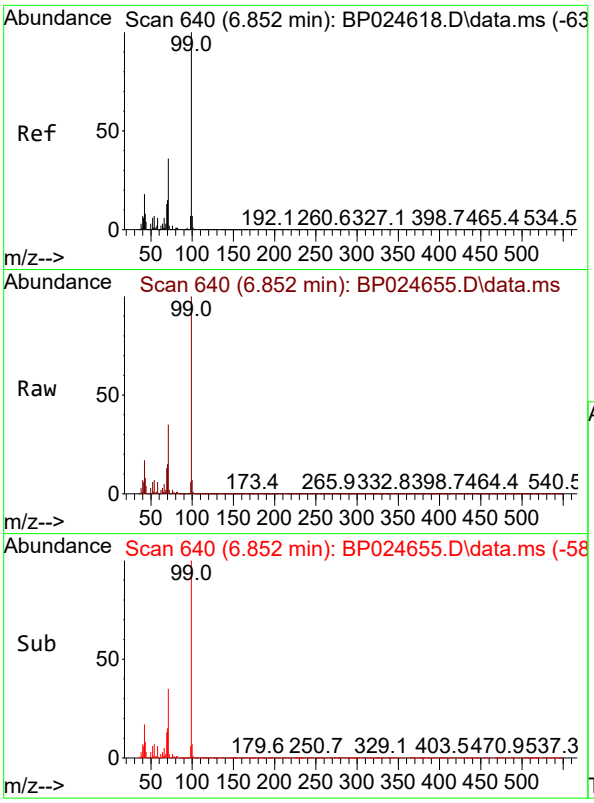


#5
2-Fluorophenol
Concen: 94.178 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

Tgt Ion:112 Resp: 772236

Ion	Ratio	Lower	Upper
112	100		
64	53.0	44.1	66.1
63	28.6	23.5	35.3



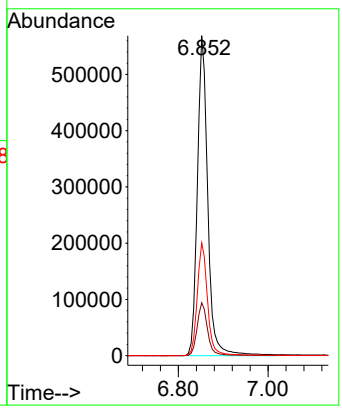


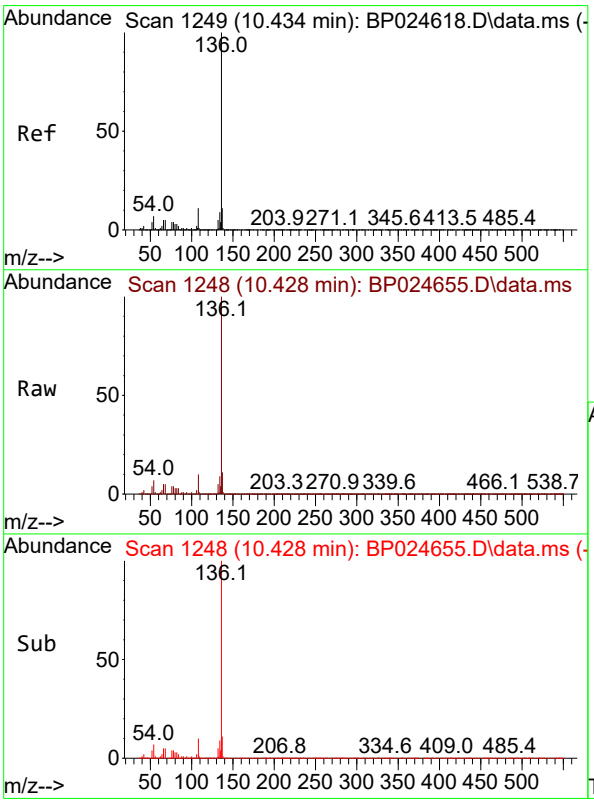
#7
Phenol-d6
Concen: 87.434 ng
RT: 6.852 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

Instrument :
BNA_P
ClientSampleId :
PB168019BL

Tgt Ion: 99 Resp: 915011

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.4	21.6
71	35.3	29.2	43.8

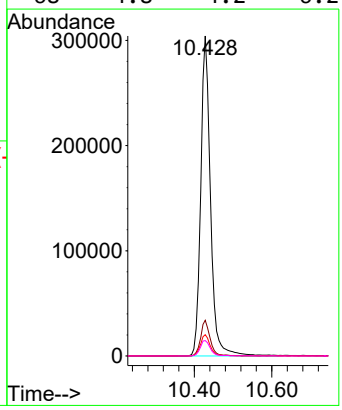


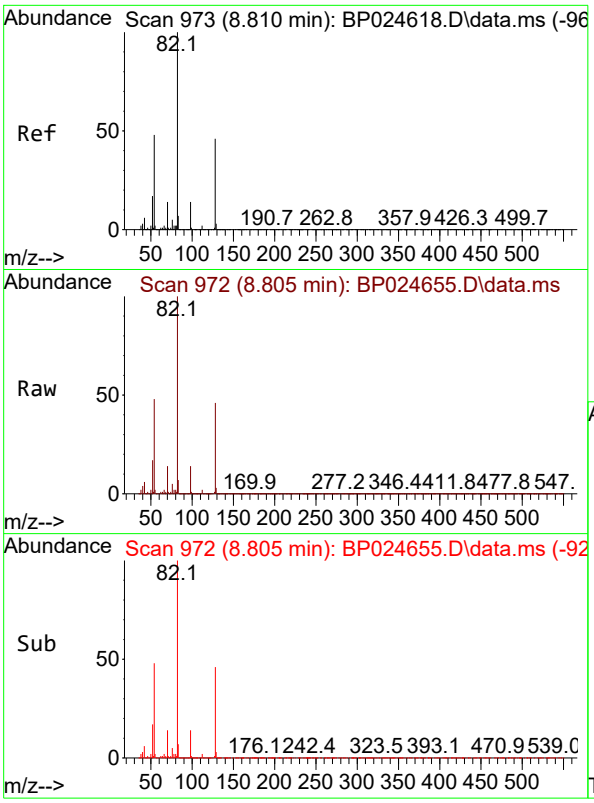


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

Tgt Ion:136 Resp: 531421

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.6	5.5	8.3
68	4.8	4.2	6.2



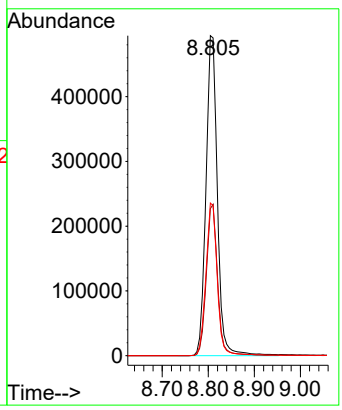


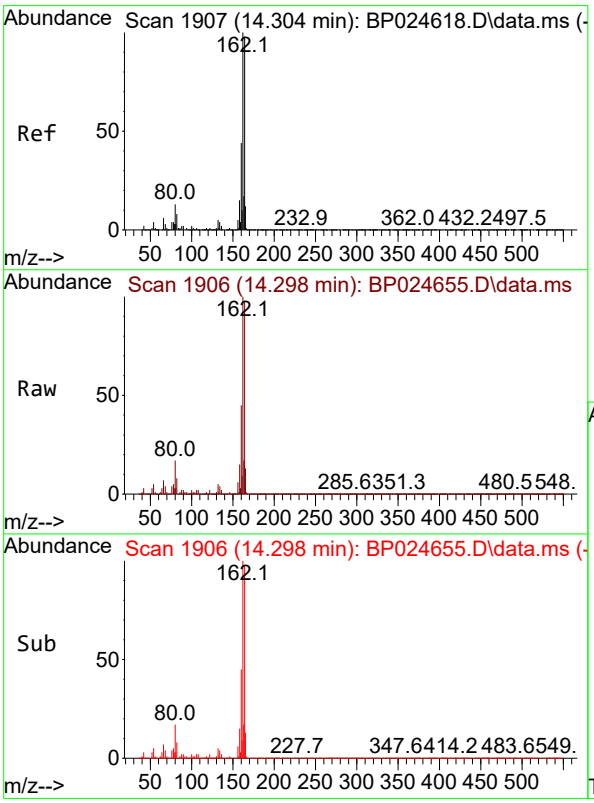
#23
Nitrobenzene-d5
Concen: 81.338 ng
RT: 8.805 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

Instrument :
BNA_P
ClientSampleId :
PB168019BL

Tgt Ion: 82 Resp: 855484

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.0	55.4
54	47.7	38.7	58.1

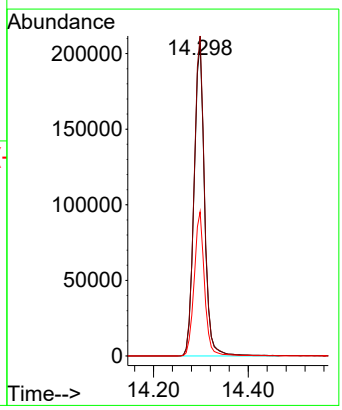


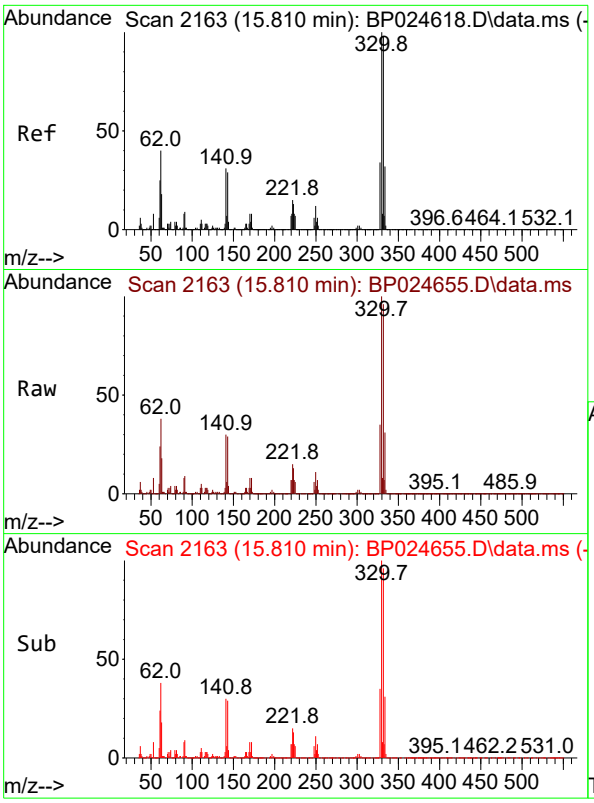


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

Tgt Ion:164 Resp: 317417

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.8	122.6
160	46.0	36.3	54.5



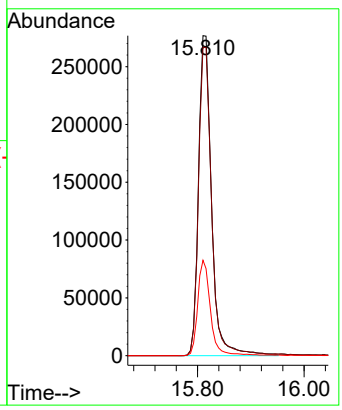


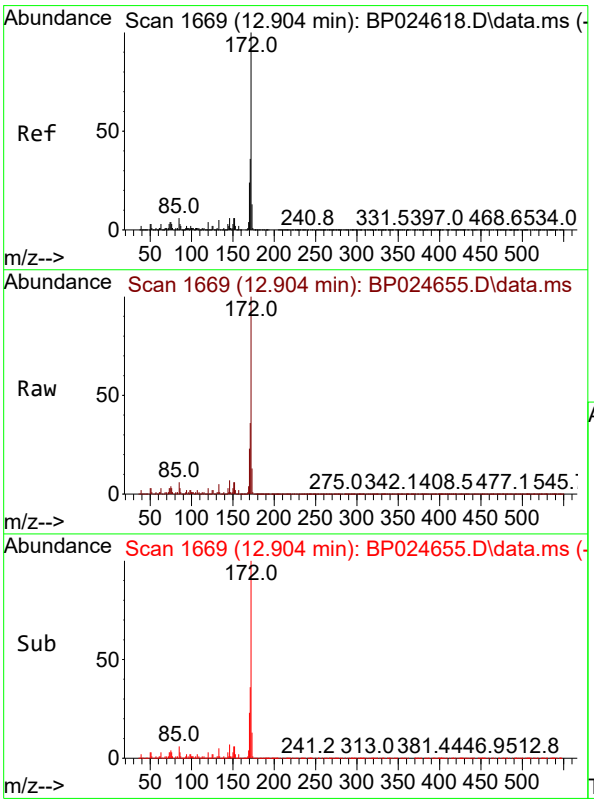
#42
2,4,6-Tribromophenol
Concen: 87.630 ng
RT: 15.810 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

Instrument :
BNA_P
ClientSampleId :
PB168019BL

Tgt Ion:330 Resp: 471548

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.4
141	29.3	24.3	36.5

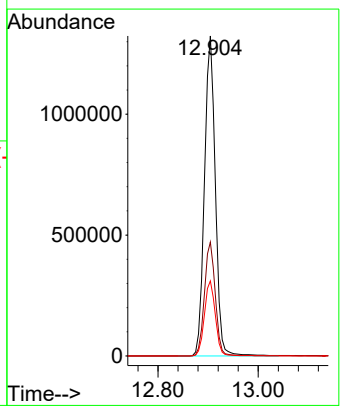


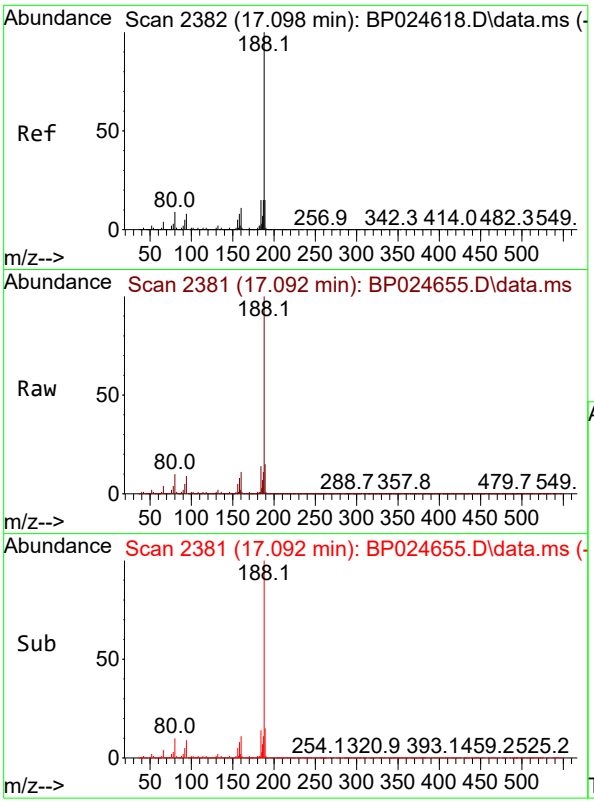


#45
2-Fluorobiphenyl
Concen: 82.468 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

Tgt Ion:172 Resp: 1998040

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.5	18.8	28.2



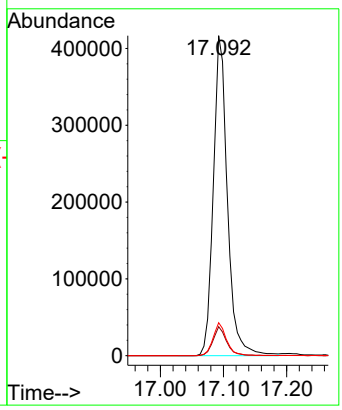


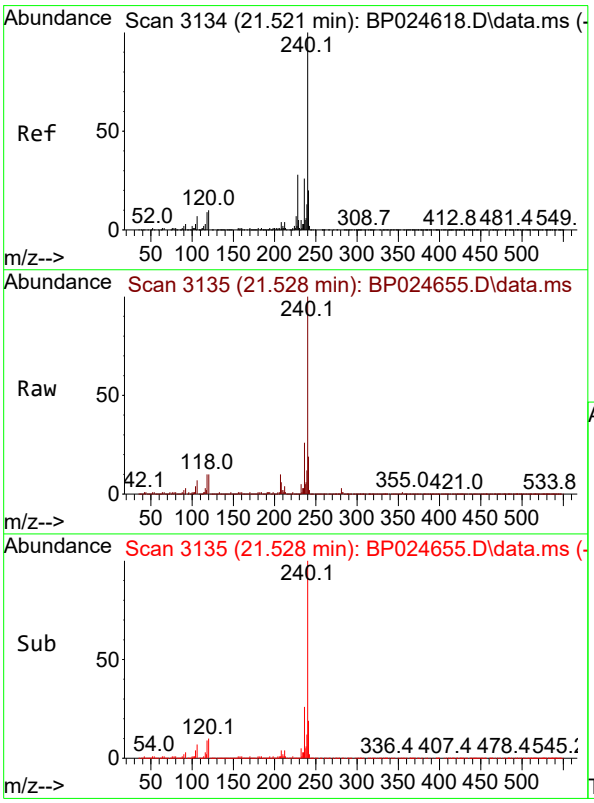
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

Instrument :
BNA_P
ClientSampleId :
PB168019BL

Tgt Ion:188 Resp: 644830

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.5	9.7
80	10.3	7.3	10.9

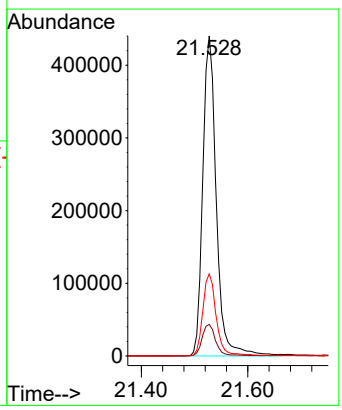


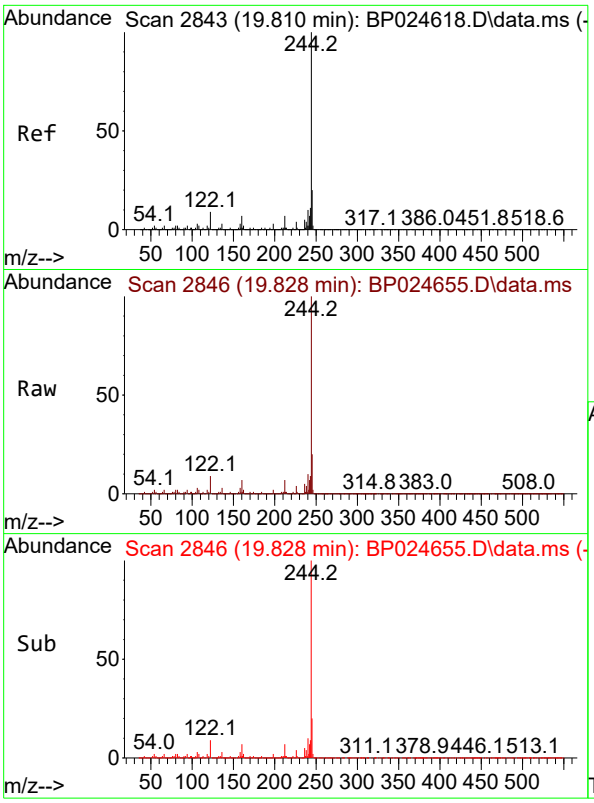


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.528 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

Tgt Ion:240 Resp: 773135

Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.8	11.6
236	25.6	20.6	31.0



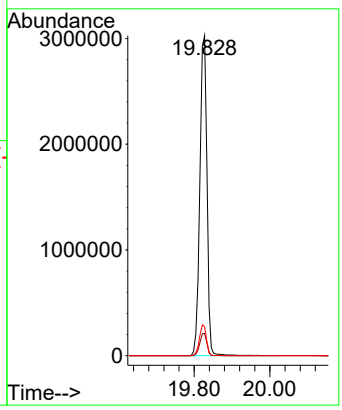


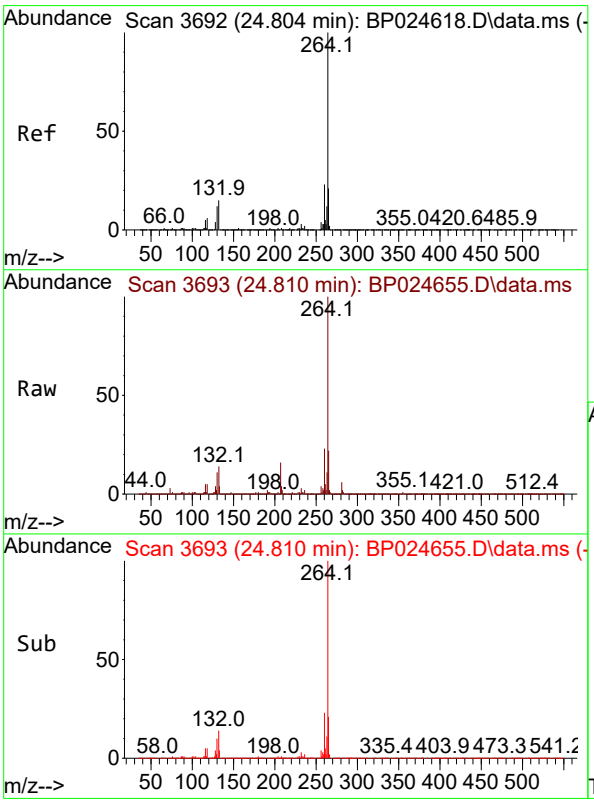
#79
Terphenyl-d14
Concen: 87.881 ng
RT: 19.828 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

Instrument :
BNA_P
ClientSampleId :
PB168019BL

Tgt Ion:244 Resp: 3962461

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	9.1	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: BP024655.D
Acq: 16 May 2025 13:33

Tgt Ion:264 Resp: 912833

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.9	17.0	25.6