Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
Data File : BP025780.D
Acq On : 18 Sep 2025 11:15
Operator : CG/JU
Sample : PB169718BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169718BL

Quant Time: Sep 18 11:56:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.713	152	159771	20.000	ng	-0.05
21) Naphthalene-d8	10.495	136	583389	20.000	ng	-0.03
39) Acenaphthene-d10	14.360	164	363023	20.000	ng	-0.02
64) Phenanthrene-d10	17.183	188	719395	20.000	ng	0.00
76) Chrysene-d12	21.636	240	801932	20.000	ng	0.00
86) Perylene-d12	25.006	264	901065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.343	112	880255	88.898	ng	-0.04
7) Phenol-d6	6.901	99	1063815	80.829	ng	-0.05
23) Nitrobenzene-d5	8.860	82	1078397	81.539	ng	-0.04
42) 2,4,6-Tribromophenol	15.895	330	342132	75.559	ng	-0.01
45) 2-Fluorobiphenyl	12.960	172	2216996	81.316	ng	-0.03
79) Terphenyl-d14	19.901	244	3514266	78.836	ng	-0.01
Target Compounds						Qvalue

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

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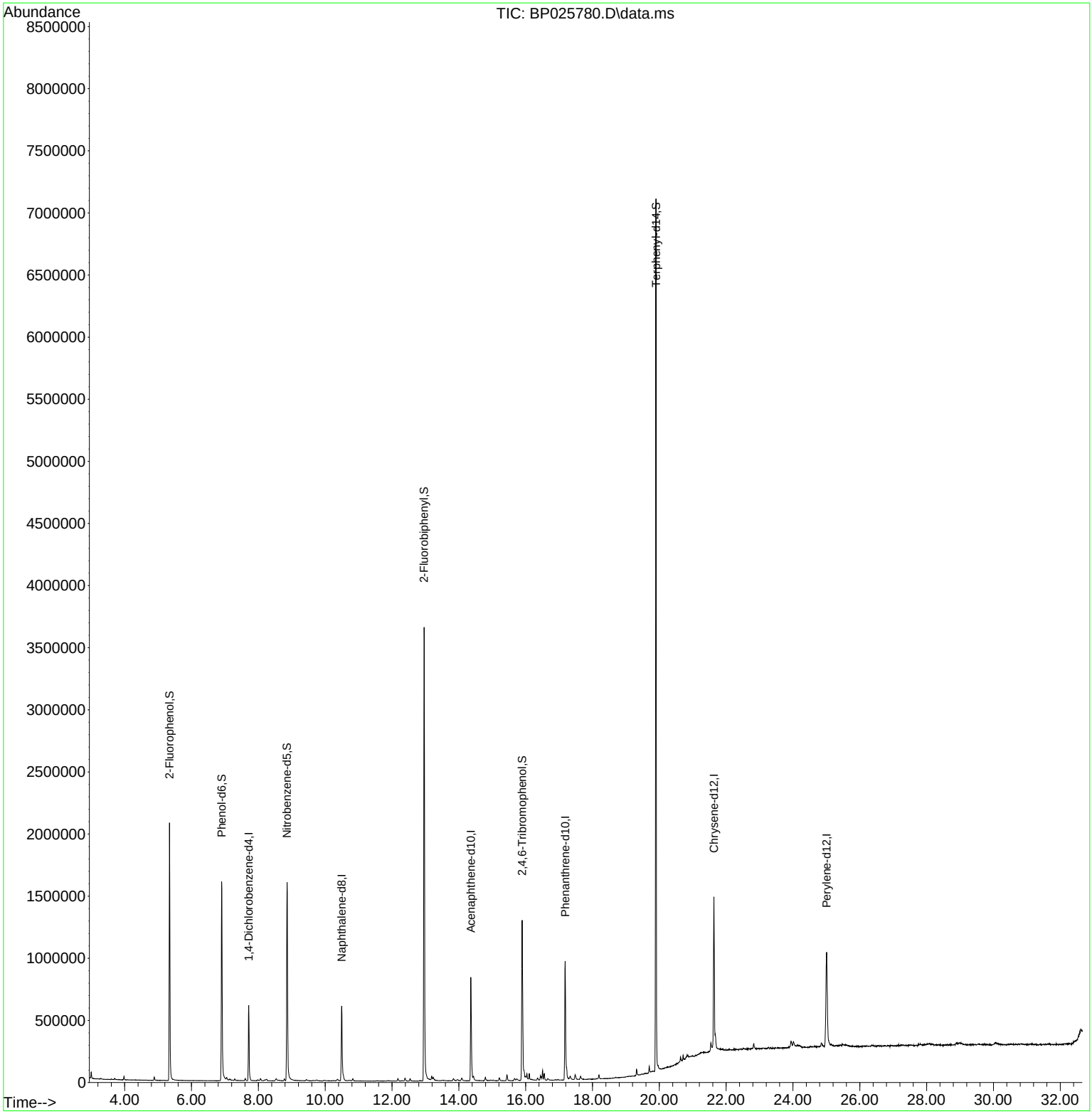
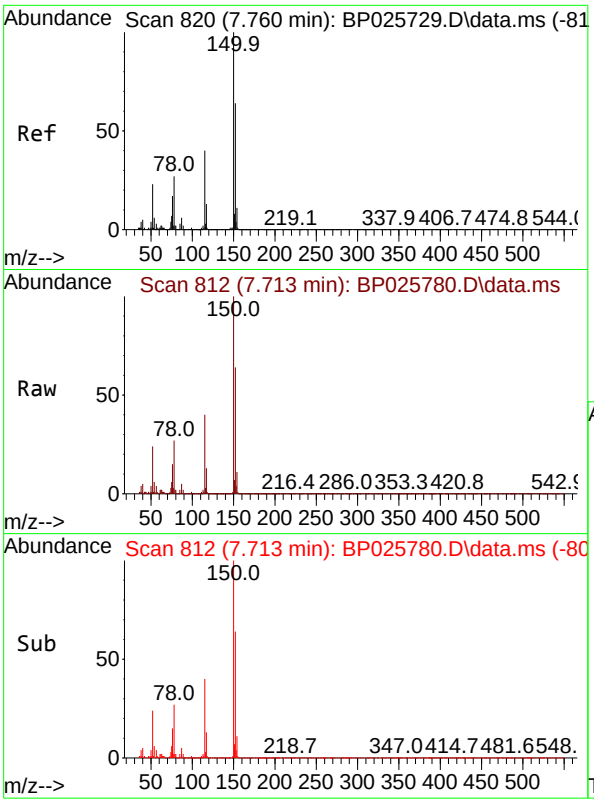


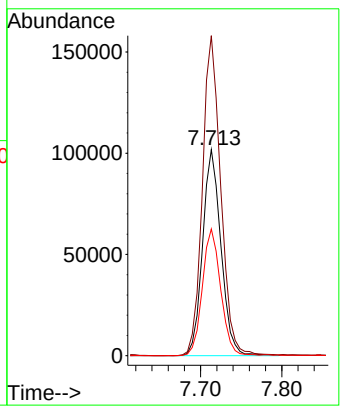


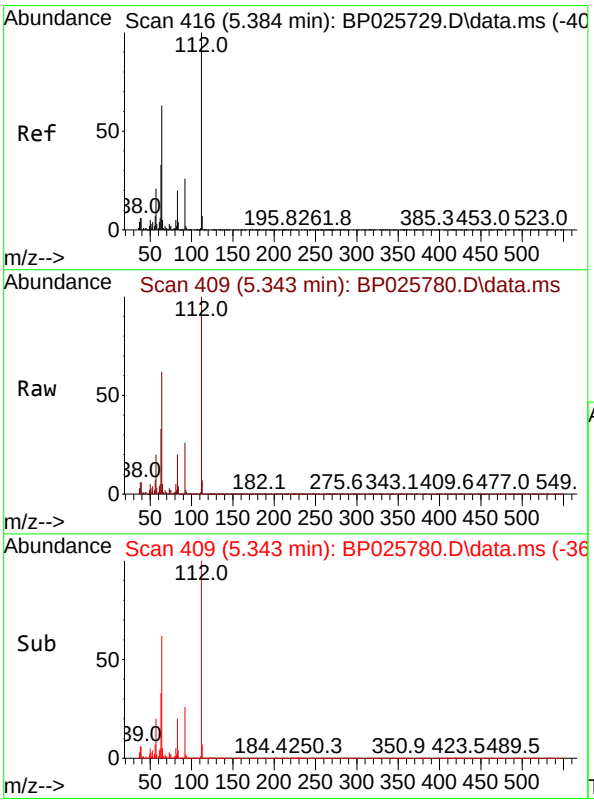
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.713 min Scan# 81
Delta R.T. -0.047 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

Instrument :
BNA_P
ClientSampleId :
PB169718BL

Tgt Ion:152 Resp: 159771

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.3	186.5
115	61.5	50.3	75.5

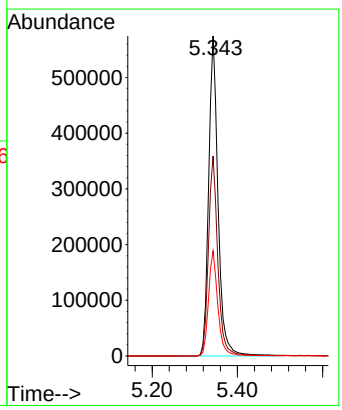


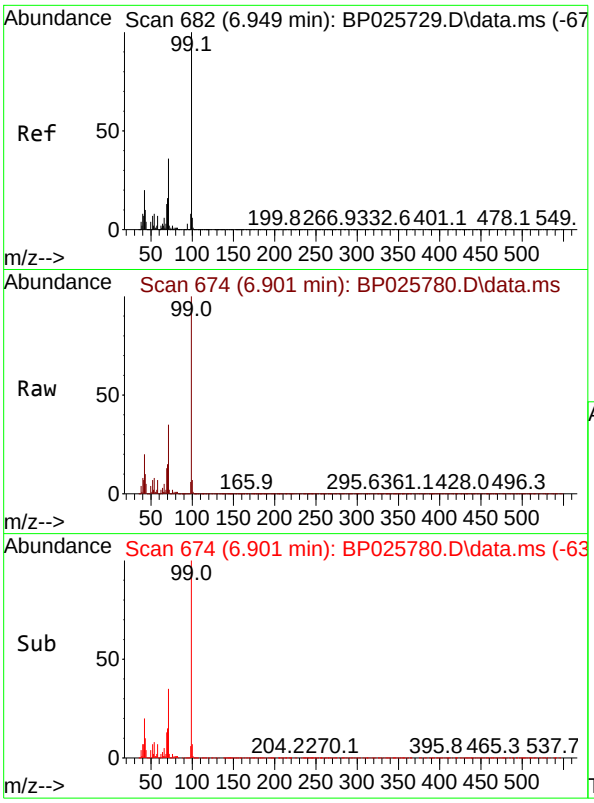


#5
2-Fluorophenol
Concen: 88.898 ng
RT: 5.343 min Scan# 409
Delta R.T. -0.041 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

Tgt Ion:112 Resp: 880255

Ion	Ratio	Lower	Upper
112	100		
64	62.4	50.2	75.4
63	32.8	26.7	40.1



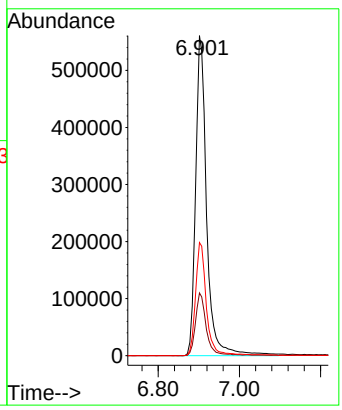


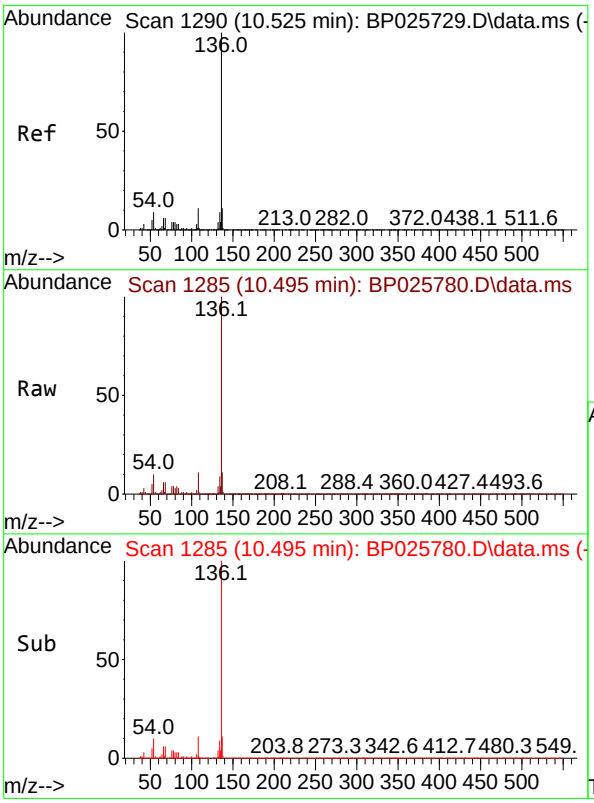
#7
Phenol-d6
Concen: 80.829 ng
RT: 6.901 min Scan# 6
Delta R.T. -0.047 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

Instrument :
BNA_P
ClientSampleId :
PB169718BL

Tgt Ion: 99 Resp: 1063815

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.6	23.4
71	35.4	28.6	43.0

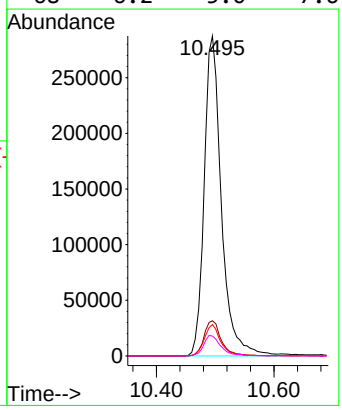


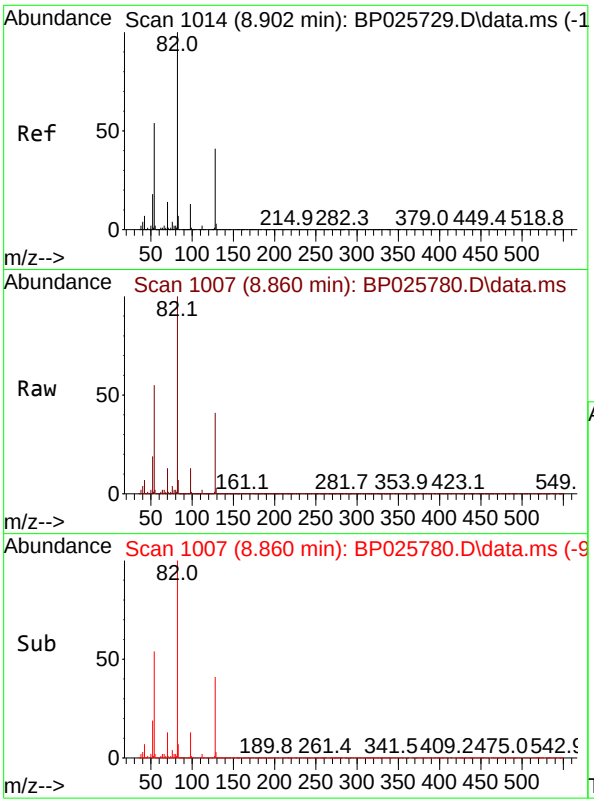


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.495 min Scan# 1285
Delta R.T. -0.030 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

Tgt Ion:136 Resp: 583389

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.8	7.5	11.3
68	6.2	5.0	7.6



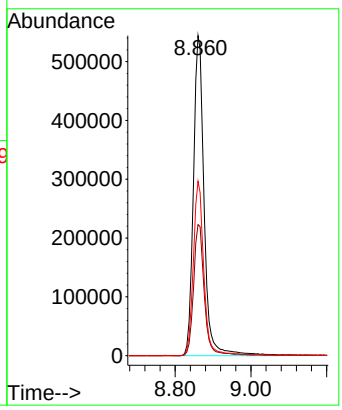


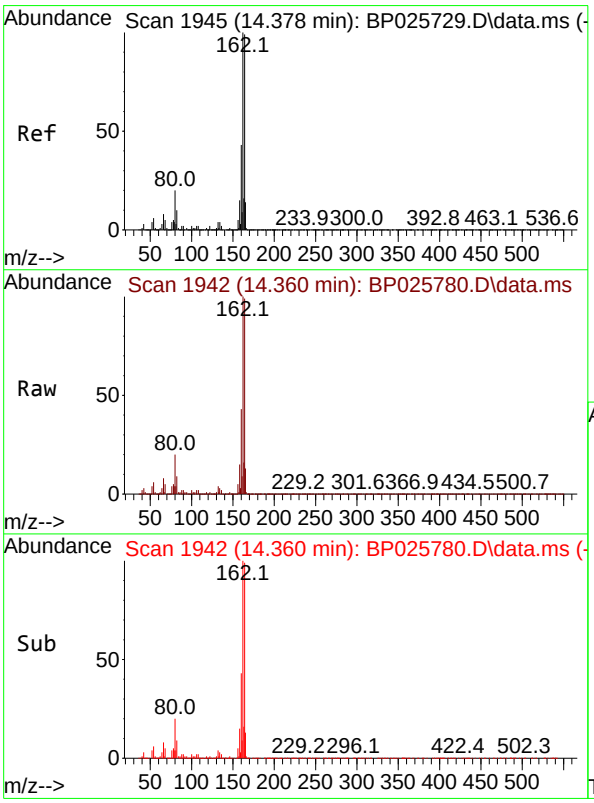
#23
Nitrobenzene-d5
Concen: 81.539 ng
RT: 8.860 min Scan# 1
Delta R.T. -0.041 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

Instrument :
BNA_P
ClientSampleId :
PB169718BL

Tgt Ion: 82 Resp: 1078397

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.9	49.3
54	54.5	43.4	65.2

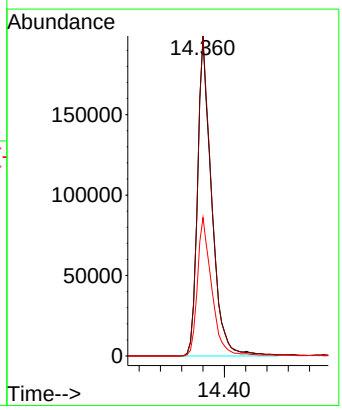


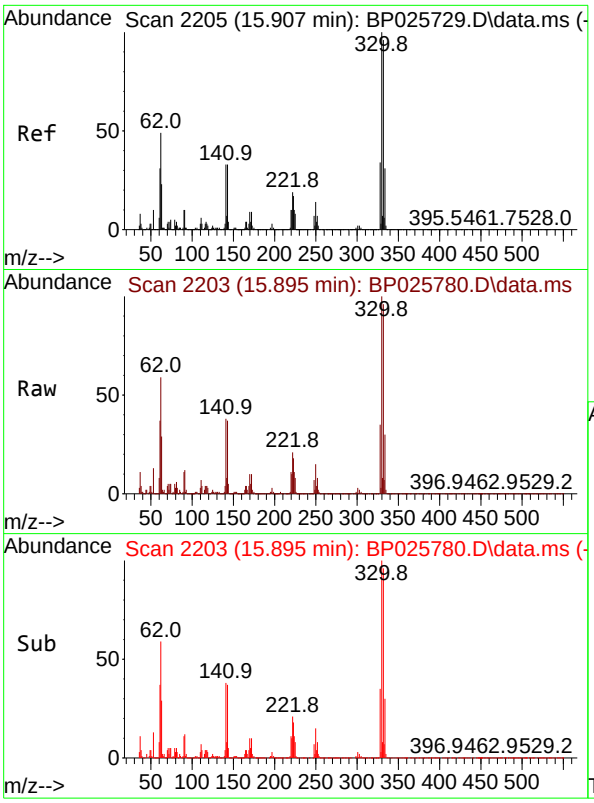


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.360 min Scan# 1942
Delta R.T. -0.018 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

Tgt Ion:164 Resp: 363023

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	43.6	35.0	52.6



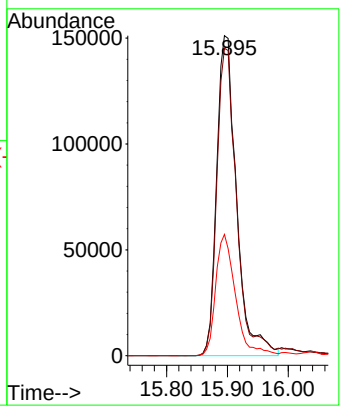


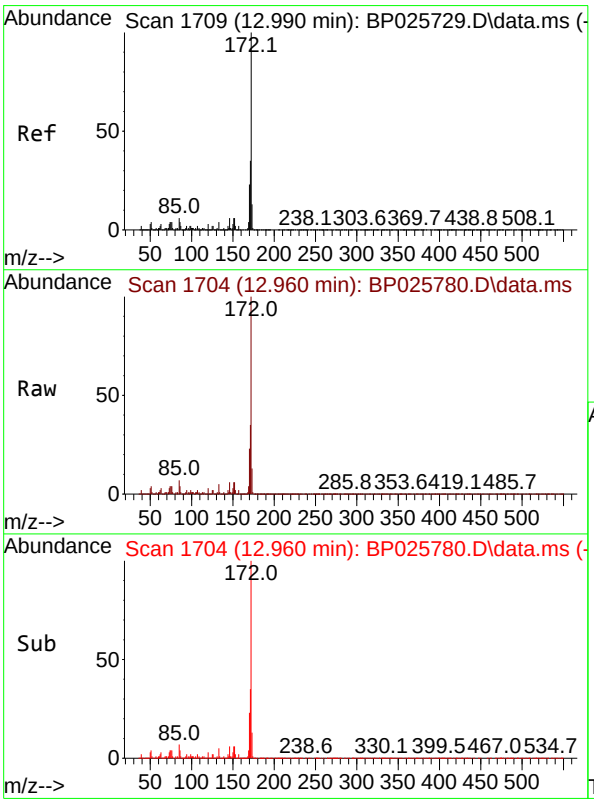
#42
2,4,6-Tribromophenol
Concen: 75.559 ng
RT: 15.895 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

Instrument :
BNA_P
ClientSampleId :
PB169718BL

Tgt Ion:330 Resp: 342132

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	37.8	31.0	46.4

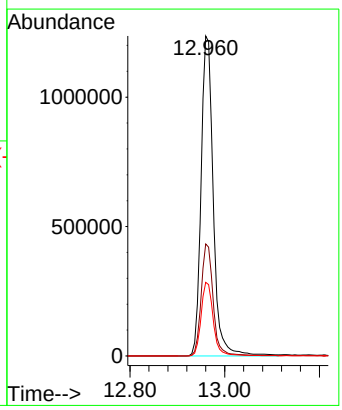


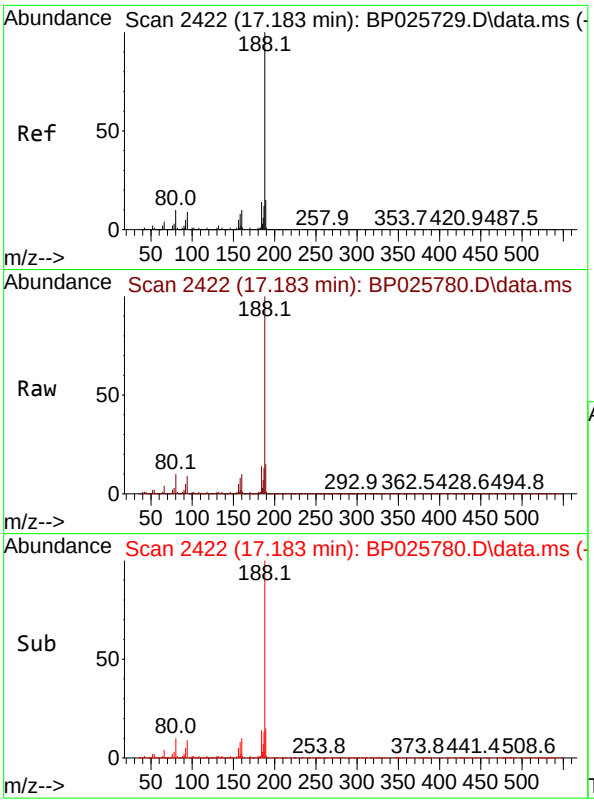


#45
2-Fluorobiphenyl
Concen: 81.316 ng
RT: 12.960 min Scan# 1704
Delta R.T. -0.030 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

Tgt Ion:172 Resp: 2216996

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.0	18.6	27.8



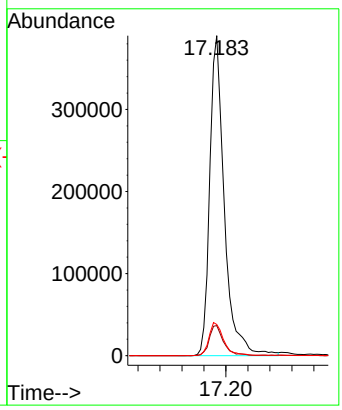


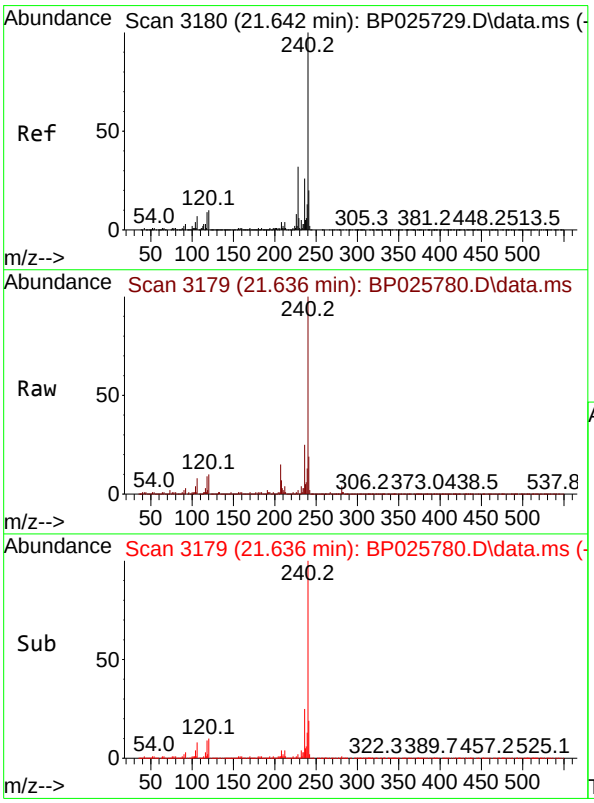
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

Instrument :
BNA_P
ClientSampleId :
PB169718BL

Tgt Ion:188 Resp: 719395

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.0
80	9.8	7.7	11.5

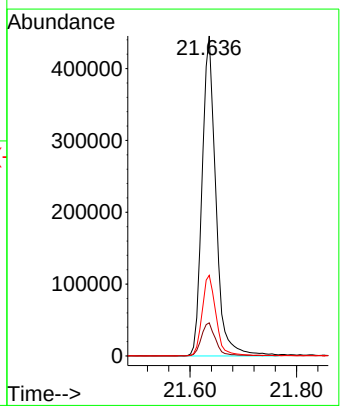


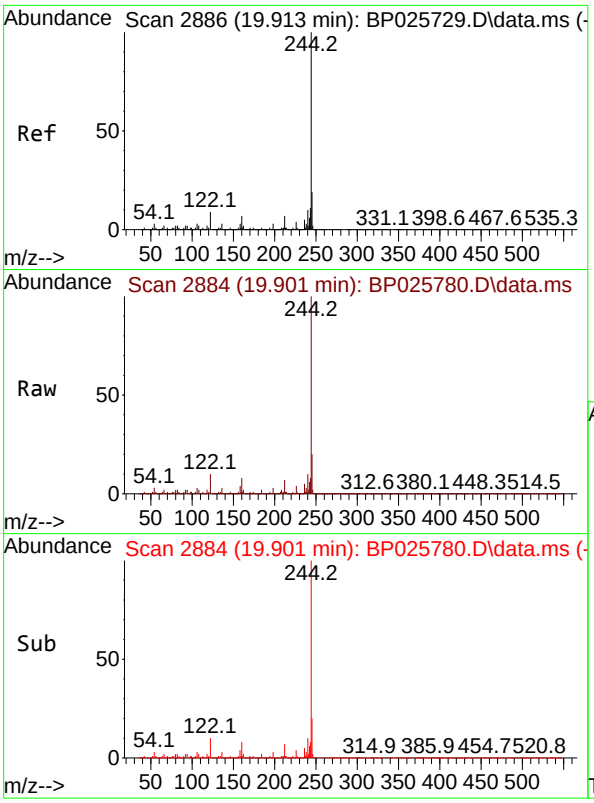


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

Tgt Ion:240 Resp: 801932

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.0	12.0
236	25.2	20.7	31.1



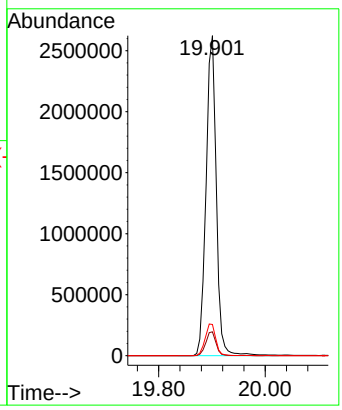


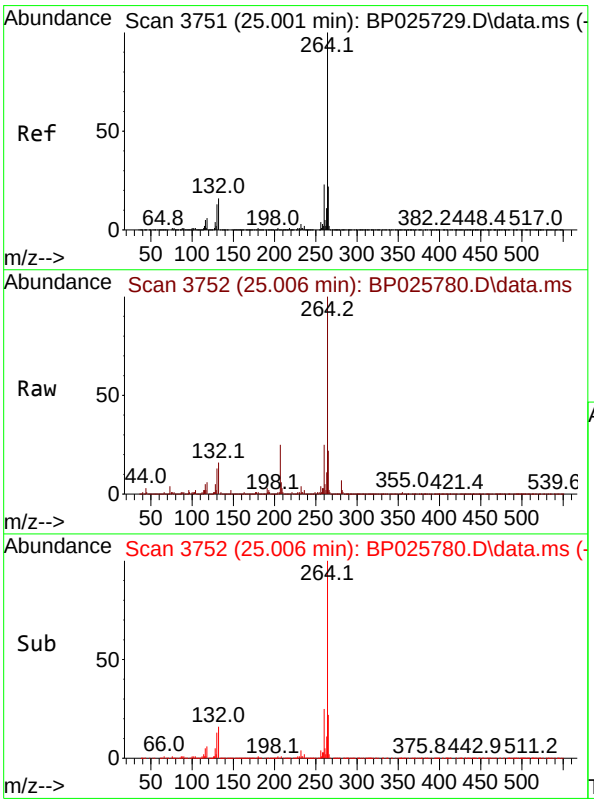
#79
Terphenyl-d14
Concen: 78.836 ng
RT: 19.901 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

Instrument :
BNA_P
ClientSampleId :
PB169718BL

Tgt Ion:244 Resp: 3514266

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	9.8	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 3752
Delta R.T. 0.006 min
Lab File: BP025780.D
Acq: 18 Sep 2025 11:15

Tgt Ion:264 Resp: 901065

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.3	27.5
265	22.5	17.3	25.9