Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
Data File : BP025680.D
Acq On : 05 Sep 2025 17:26
Operator : CG/JU
Sample : PB169509BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169509BL

Quant Time: Sep 05 17:50:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	132320	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	500097	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	325051	20.000	ng	-0.01
64) Phenanthrene-d10	17.201	188	721595	20.000	ng	0.00
76) Chrysene-d12	21.654	240	738330	20.000	ng	0.00
86) Perylene-d12	25.030	264	817650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	1243847	156.111	ng	-0.01
7) Phenol-d6	6.960	99	1522075	148.999	ng	0.00
23) Nitrobenzene-d5	8.913	82	997980	100.947	ng	-0.02
42) 2,4,6-Tribromophenol	15.919	330	767033	175.313	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	2185216	91.878	ng	-0.01
79) Terphenyl-d14	19.919	244	3873055	95.974	ng	0.00
Target Compounds						Qvalue

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

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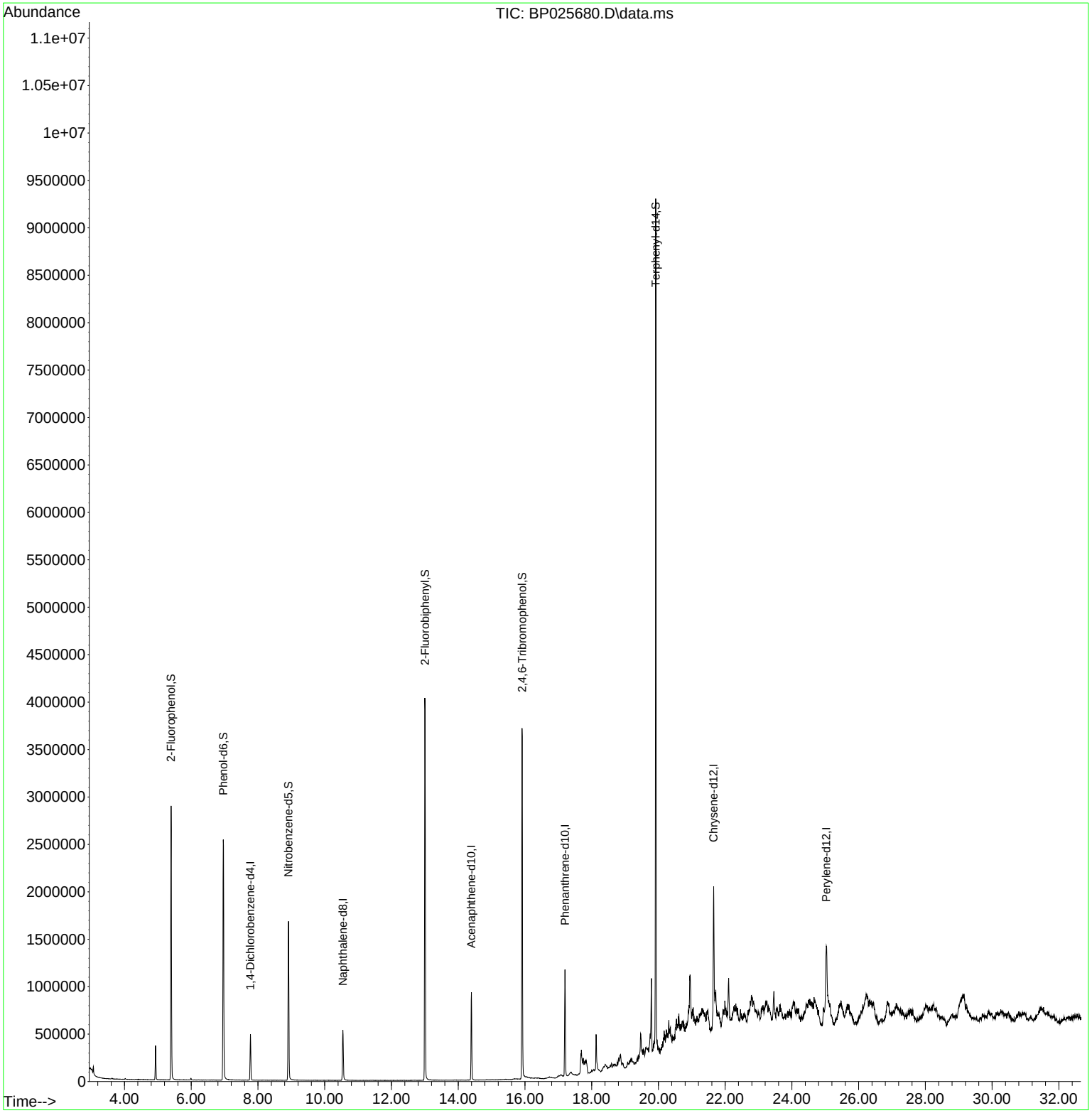
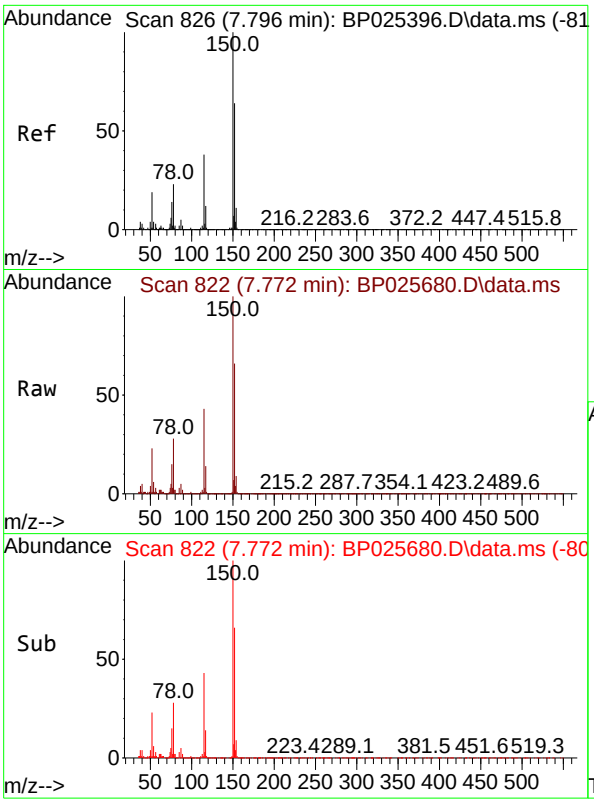


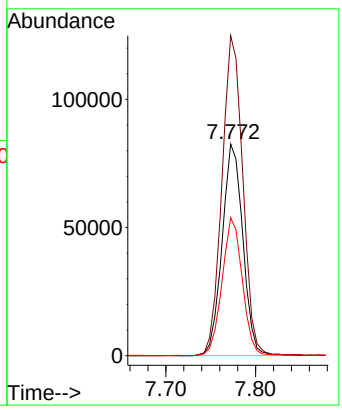


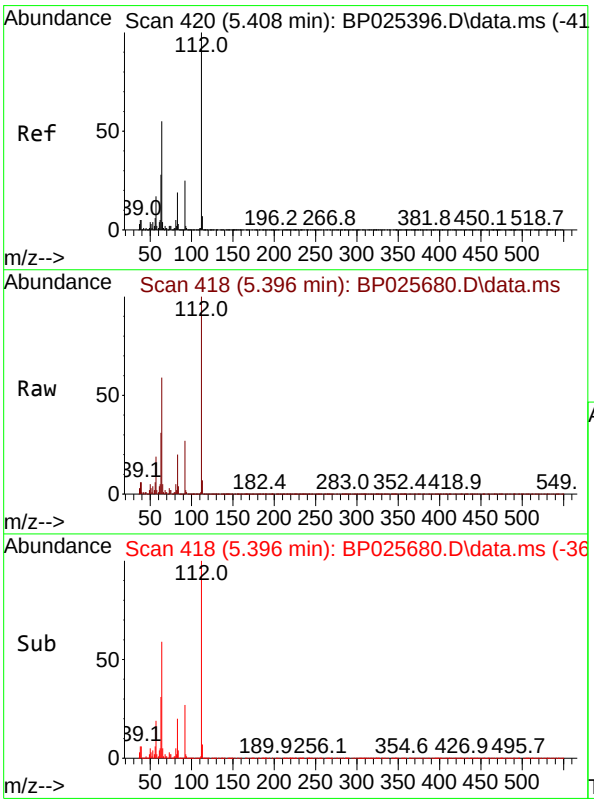
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025680.D
Acq: 05 Sep 2025 17:26

Instrument :
BNA_P
ClientSampleId :
PB169509BL

Tgt Ion:152 Resp: 132320

Ion	Ratio	Lower	Upper
152	100		
150	151.1	125.9	188.9
115	65.1	48.5	72.7

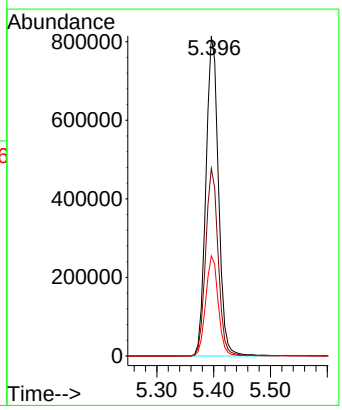


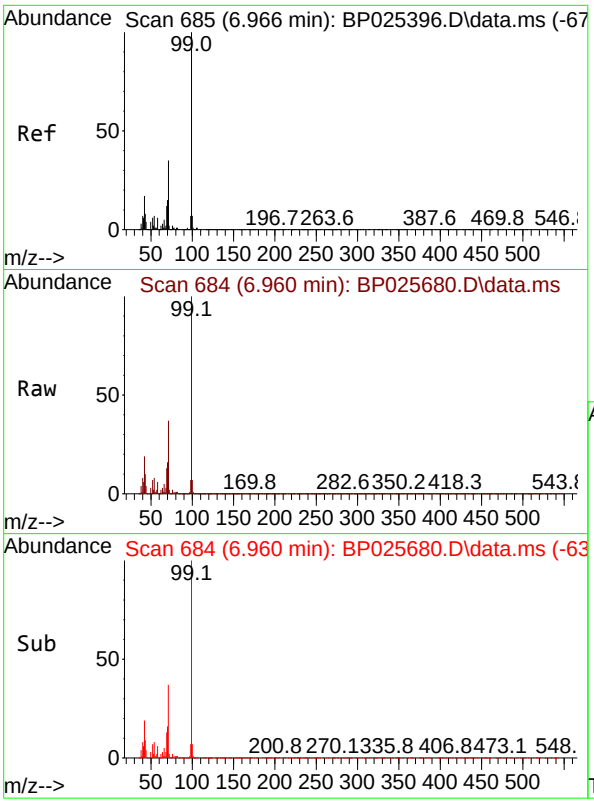


#5
2-Fluorophenol
Concen: 156.111 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025680.D
Acq: 05 Sep 2025 17:26

Tgt Ion:112 Resp: 1243847

Ion	Ratio	Lower	Upper
112	100		
64	58.6	43.8	65.8
63	31.2	22.7	34.1



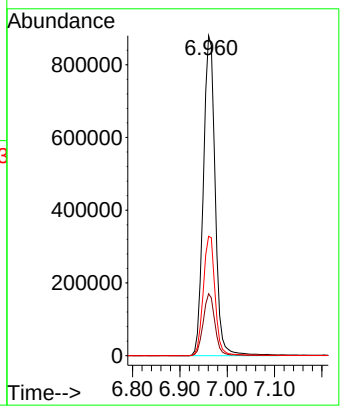


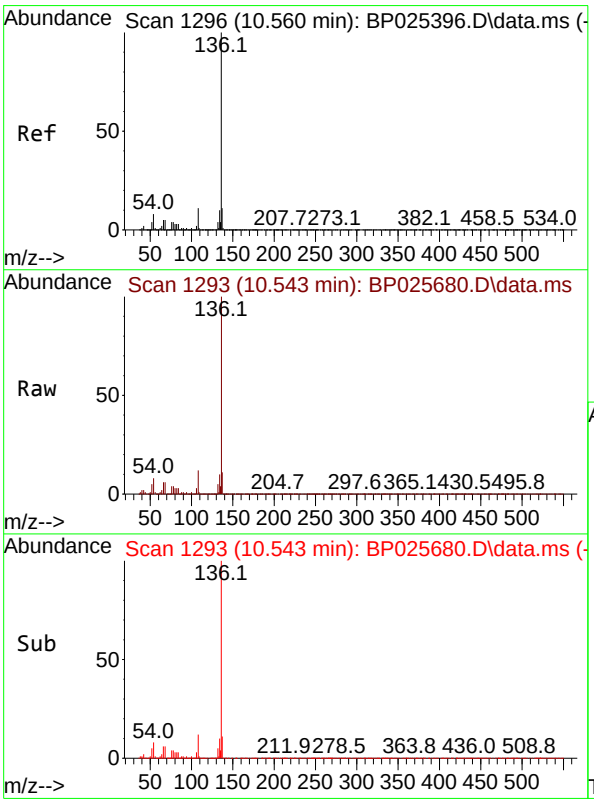
#7
Phenol-d6
Concen: 148.999 ng
RT: 6.960 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025680.D
Acq: 05 Sep 2025 17:26

Instrument :
BNA_P
ClientSampleId :
PB169509BL

Tgt Ion: 99 Resp: 1522075

Ion	Ratio	Lower	Upper
99	100		
42	19.3	13.7	20.5
71	37.3	28.2	42.4

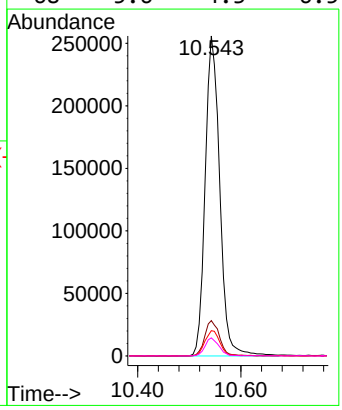


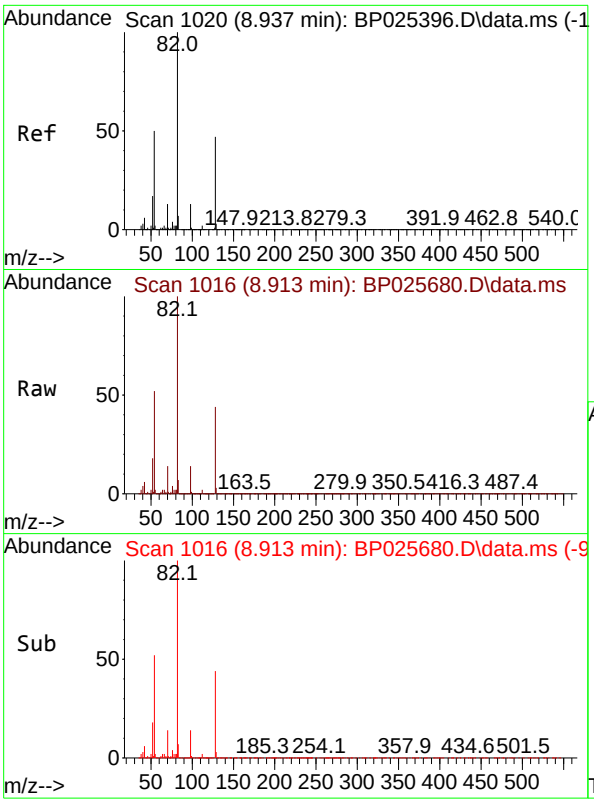


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025680.D
Acq: 05 Sep 2025 17:26

Tgt Ion:136 Resp: 500097

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.9	6.0	9.0
68	5.6	4.3	6.5



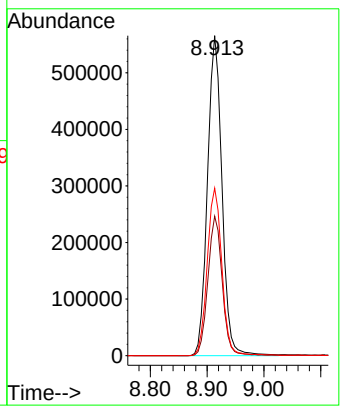


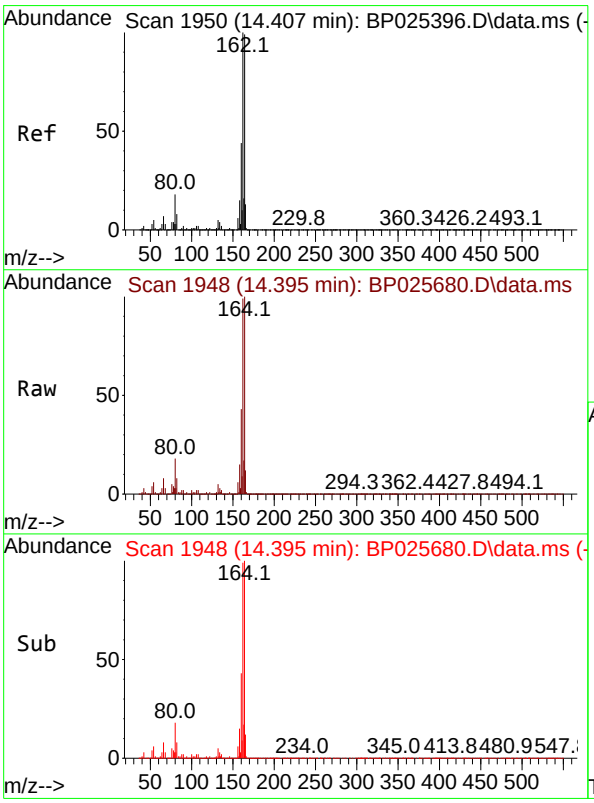
#23
Nitrobenzene-d5
Concen: 100.947 ng
RT: 8.913 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025680.D
Acq: 05 Sep 2025 17:26

Instrument :
BNA_P
ClientSampleId :
PB169509BL

Tgt Ion: 82 Resp: 997980

Ion	Ratio	Lower	Upper
82	100		
128	43.6	37.7	56.5
54	52.3	39.8	59.6

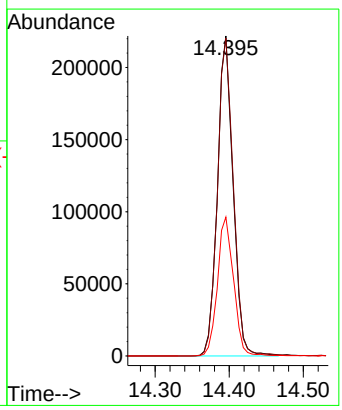


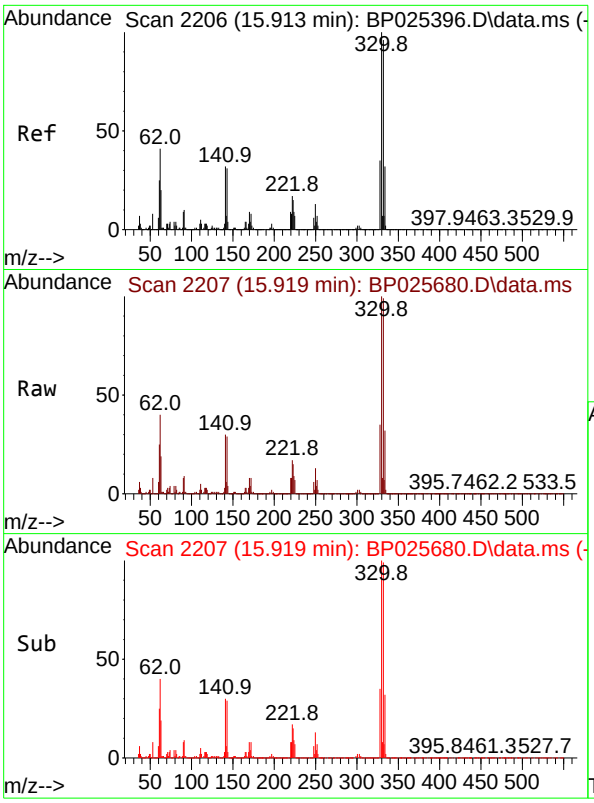


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025680.D
Acq: 05 Sep 2025 17:26

Tgt Ion:164 Resp: 325051

Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.0	121.6
160	43.4	35.4	53.2



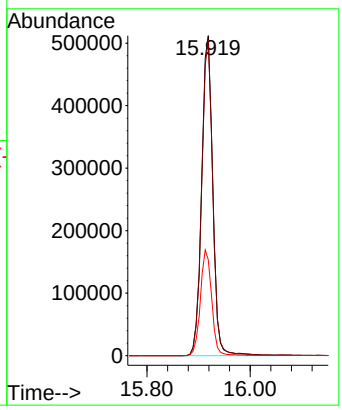


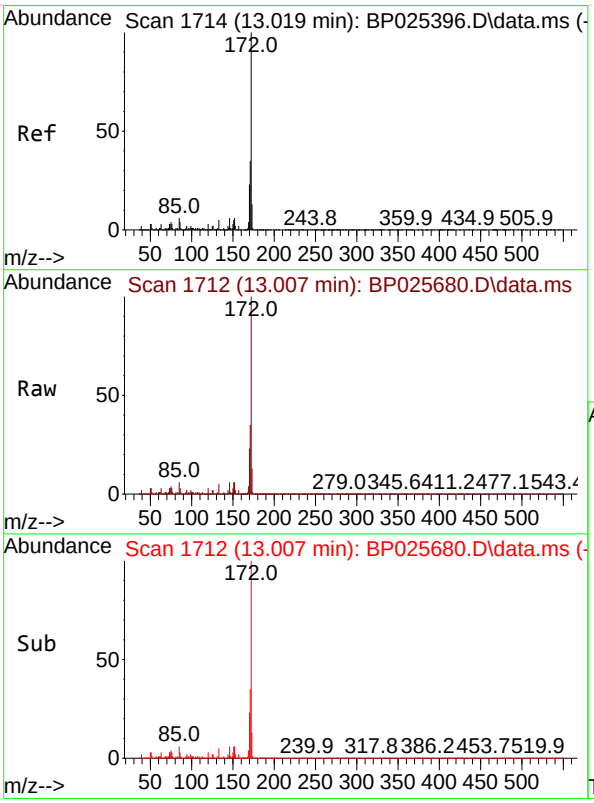
#42
2,4,6-Tribromophenol
Concen: 175.313 ng
RT: 15.919 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025680.D
Acq: 05 Sep 2025 17:26

Instrument :
BNA_P
ClientSampleId :
PB169509BL

Tgt Ion:330 Resp: 767033

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.3	115.9
141	33.5	26.6	39.8

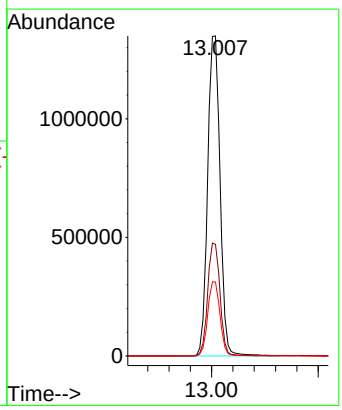


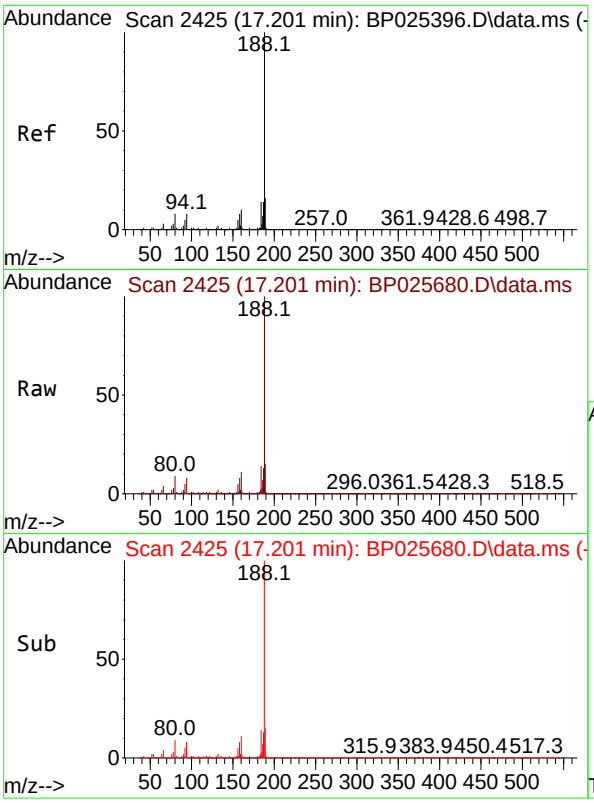


#45
2-Fluorobiphenyl
Concen: 91.878 ng
RT: 13.007 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP025680.D
Acq: 05 Sep 2025 17:26

Tgt Ion:172 Resp: 2185216

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.1	42.1
170	23.1	18.6	28.0



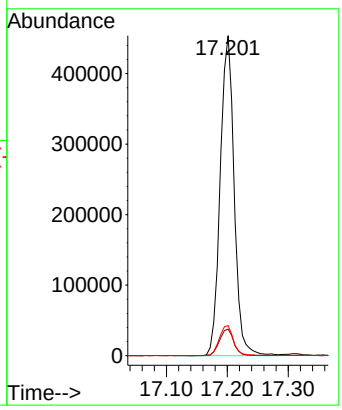


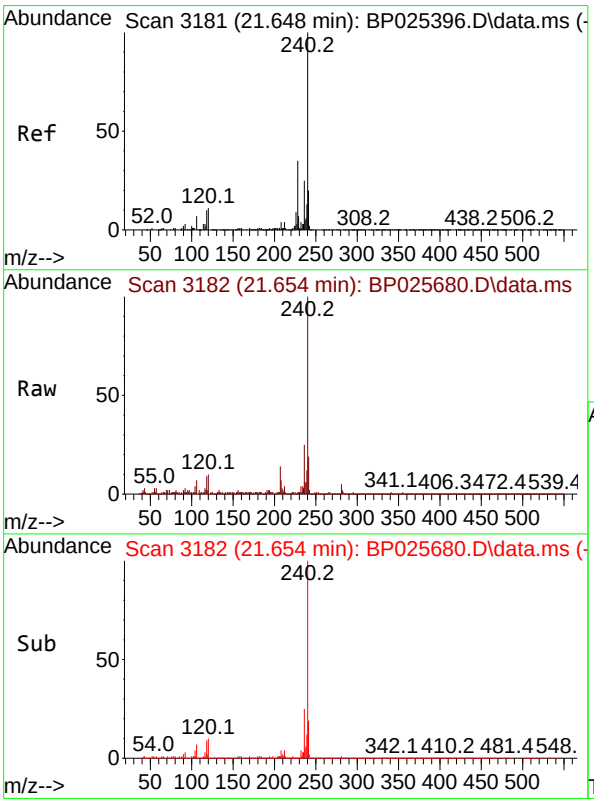
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025680.D
Acq: 05 Sep 2025 17:26

Instrument :
BNA_P
ClientSampleId :
PB169509BL

Tgt Ion:188 Resp: 721595

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	9.4	6.7	10.1

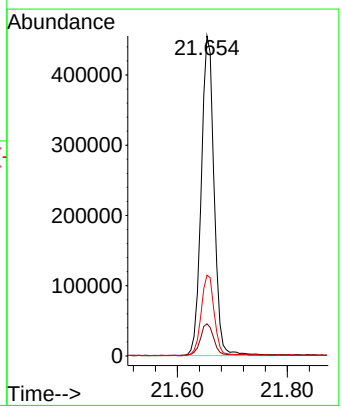


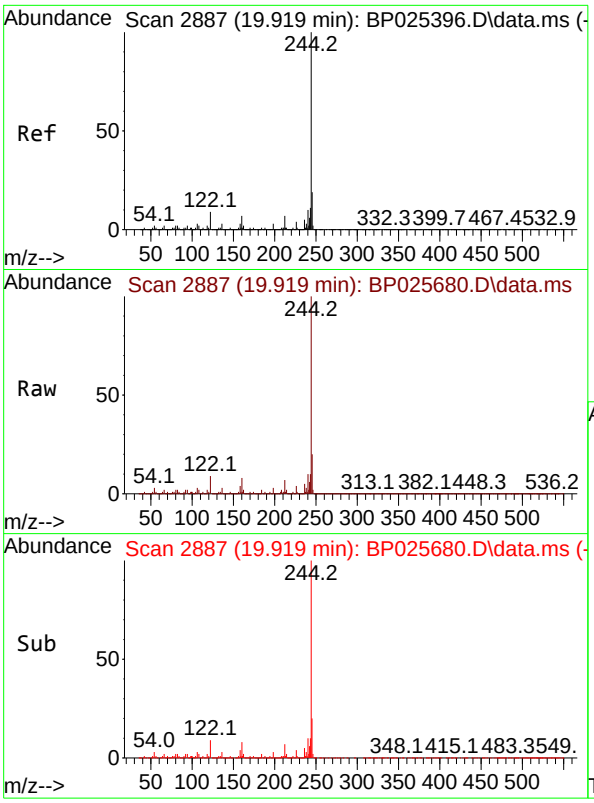


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025680.D
Acq: 05 Sep 2025 17:26

Tgt Ion:240 Resp: 738330

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.9	13.3
236	25.3	19.8	29.8



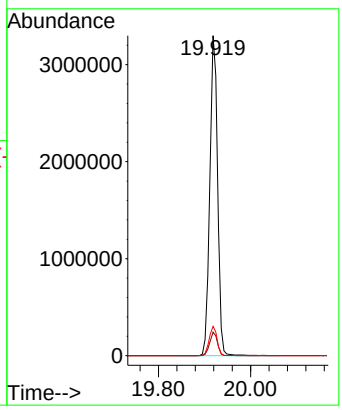


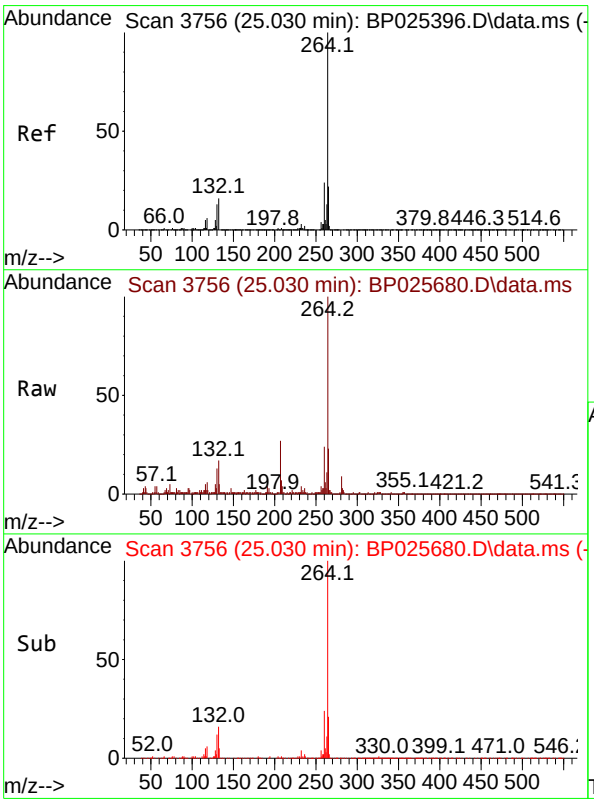
#79
Terphenyl-d14
Concen: 95.974 ng
RT: 19.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025680.D
Acq: 05 Sep 2025 17:26

Instrument :
BNA_P
ClientSampleId :
PB169509BL

Tgt Ion:244 Resp: 3873055

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	9.2	7.4	11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BP025680.D
Acq: 05 Sep 2025 17:26

Tgt Ion:264 Resp: 817650

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	22.6	17.4	26.0