Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
Data File : BP026116.D
Acq On : 12 Nov 2025 17:17
Operator : RC/JU
Sample : Q3569-02DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Quant Time: Nov 12 17:45:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	345995	20.000	ng	-0.02
21) Naphthalene-d8	10.437	136	1363084	20.000	ng	-0.02
39) Acenaphthene-d10	14.313	164	867470	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1776019	20.000	ng	0.00
76) Chrysene-d12	21.577	240	2024264	20.000	ng	0.01
86) Perylene-d12	24.901	264	2316393	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	694133	33.104	ng	0.00
7) Phenol-d6	6.843	99	589370	22.083	ng	-0.01
23) Nitrobenzene-d5	8.807	82	1015470	46.442	ng	-0.02
42) 2,4,6-Tribromophenol	15.836	330	767097	81.796	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	2533981	41.974	ng	-0.01
79) Terphenyl-d14	19.866	244	4202650	42.181	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	379701	42.955	ng	97

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

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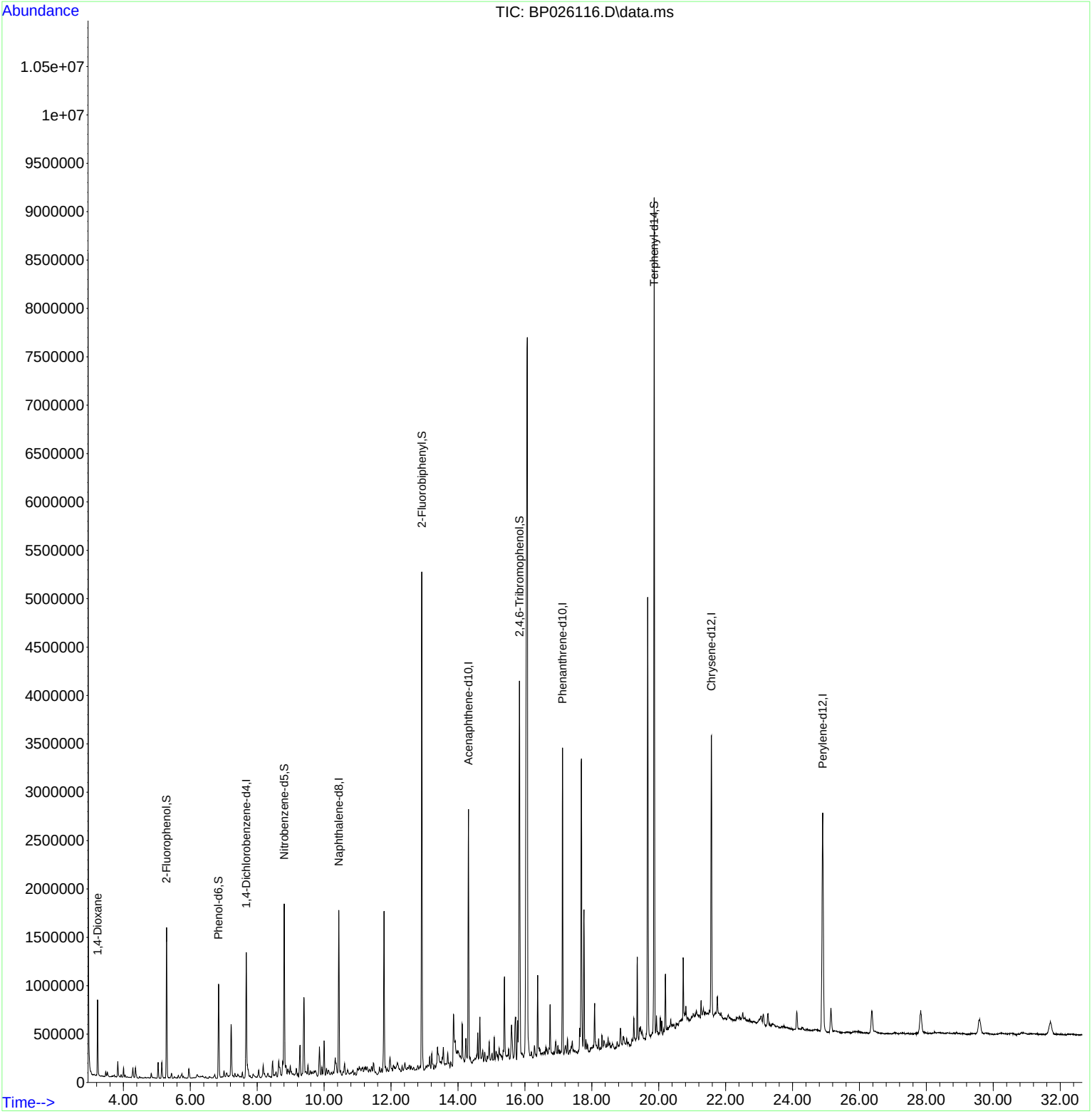
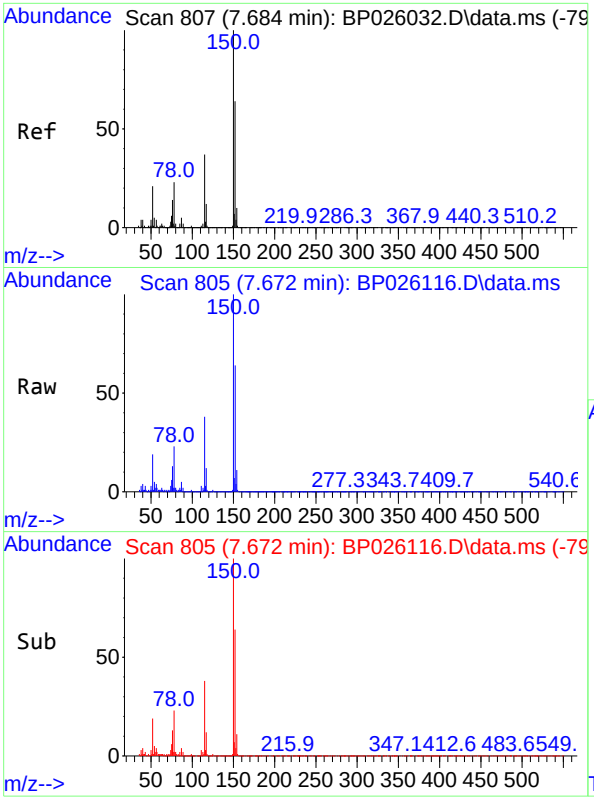


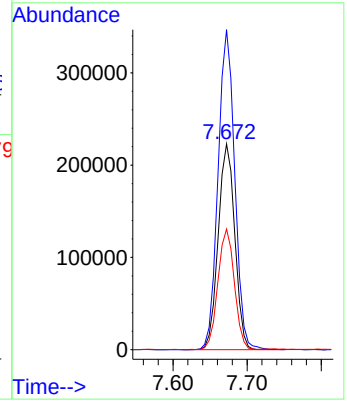


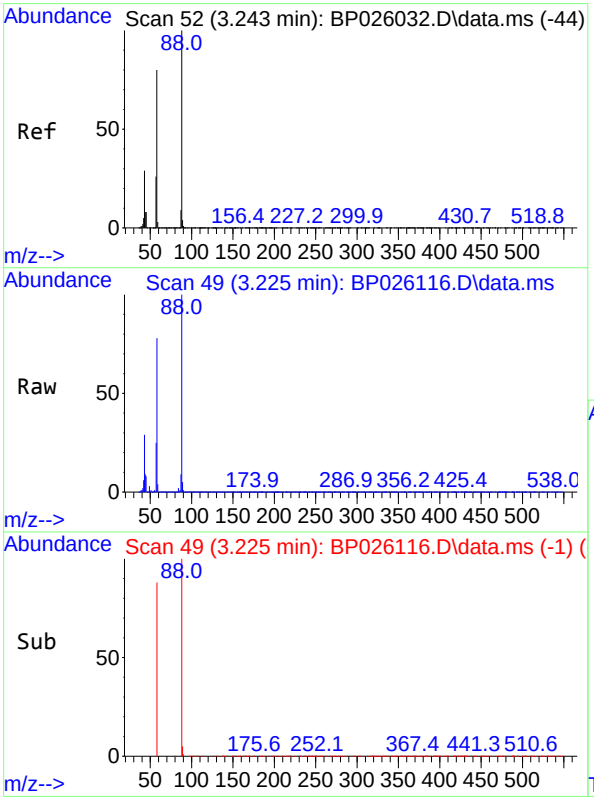
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:152 Resp: 345995

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.7	188.5
115	58.7	46.4	69.6

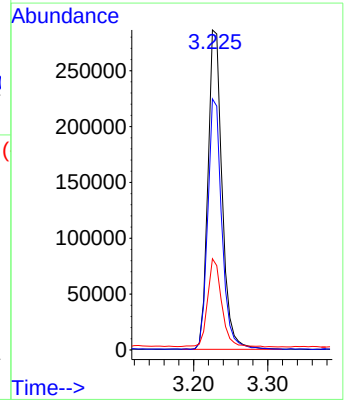


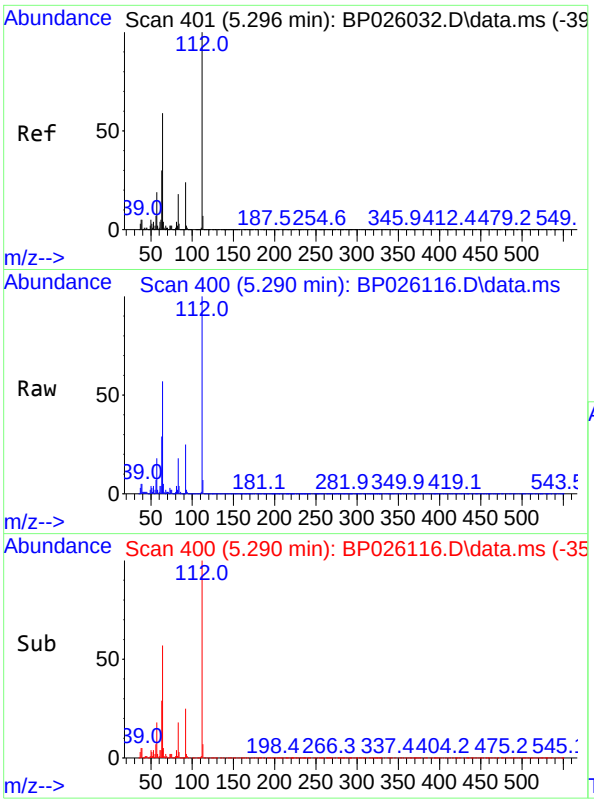


#2
1,4-Dioxane
Concen: 42.955 ng
RT: 3.225 min Scan# 49
Delta R.T. -0.012 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion: 88 Resp: 379701

Ion	Ratio	Lower	Upper
88	100		
58	78.4	65.4	98.0
43	27.6	23.1	34.7



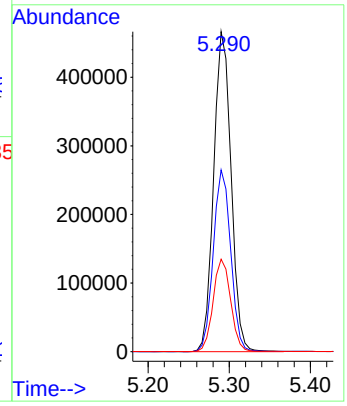


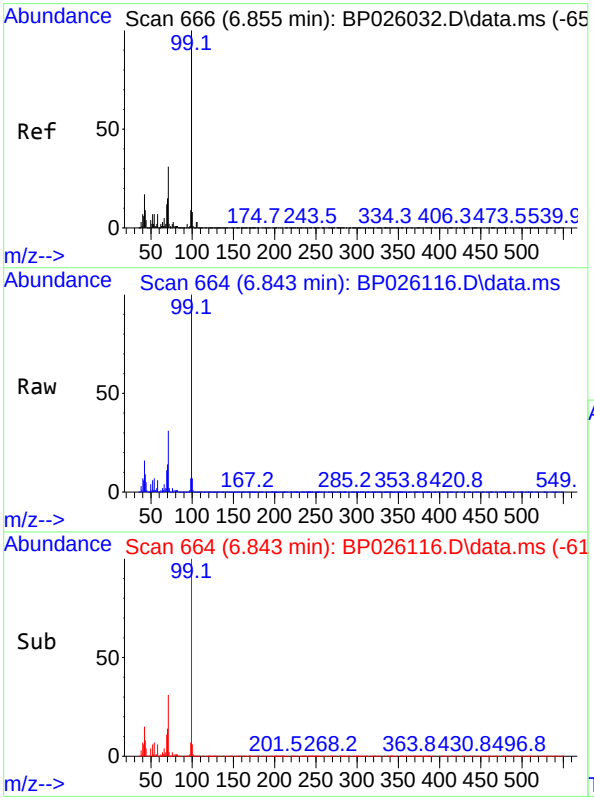
#5
2-Fluorophenol
Concen: 33.104 ng
RT: 5.290 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:112 Resp: 694133

Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.4	71.2
63	28.9	24.2	36.4

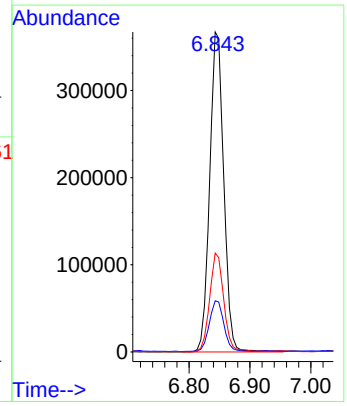


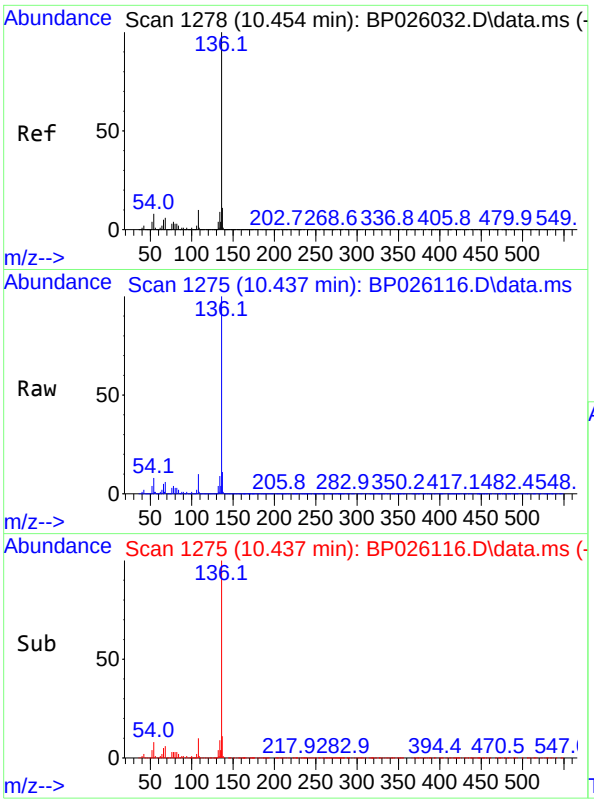


#7
Phenol-d6
Concen: 22.083 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion: 99 Resp: 589370

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.7	20.5
71	30.9	24.4	36.6



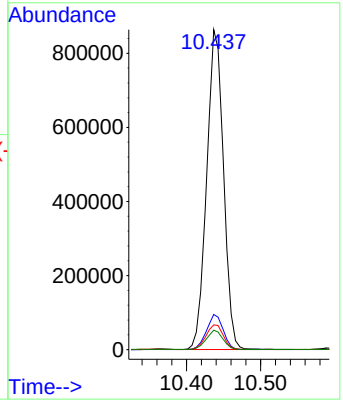


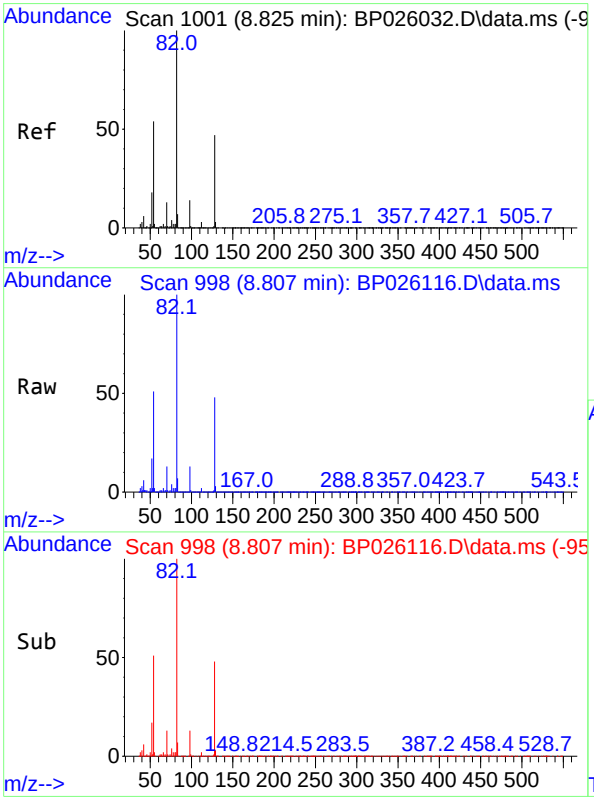
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:136 Resp: 1363084

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.8	6.6	10.0
68	6.1	4.7	7.1

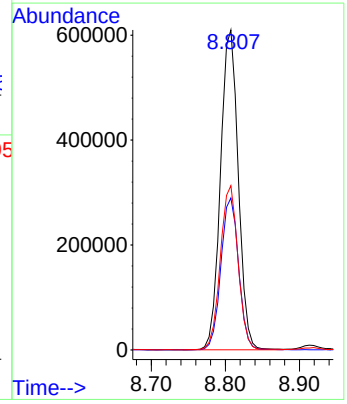


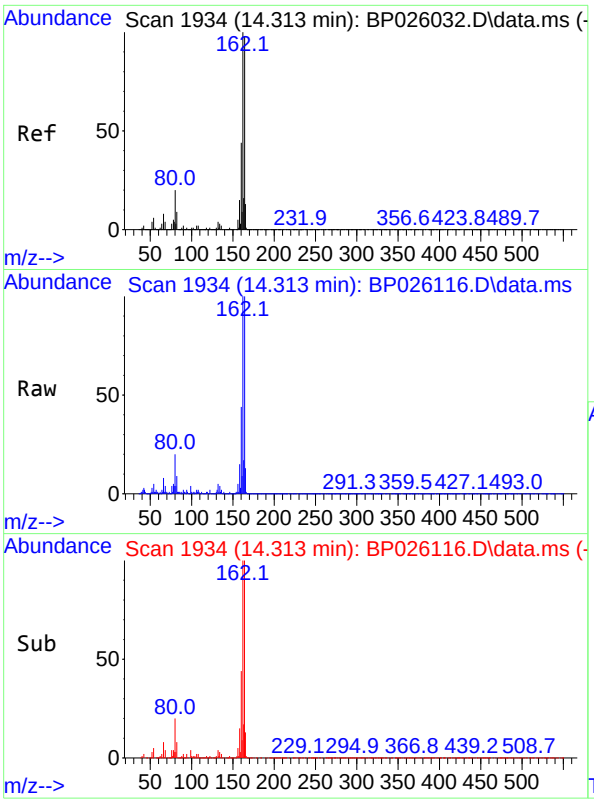


#23
Nitrobenzene-d5
Concen: 46.442 ng
RT: 8.807 min Scan# 998
Delta R.T. -0.018 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion: 82 Resp: 1015470

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.0
54	51.4	42.7	64.1



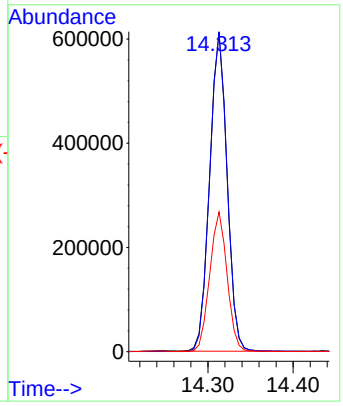


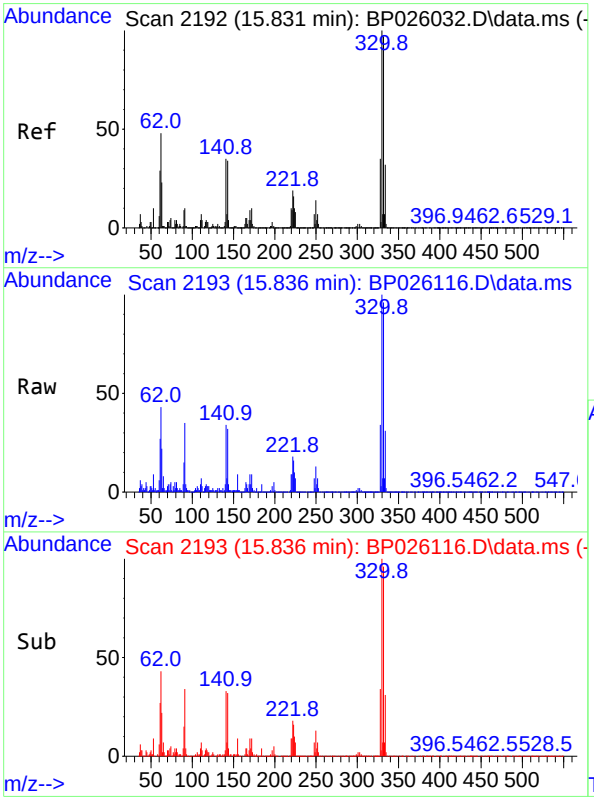
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:164 Resp: 867470

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.5	122.3
160	43.8	36.2	54.4

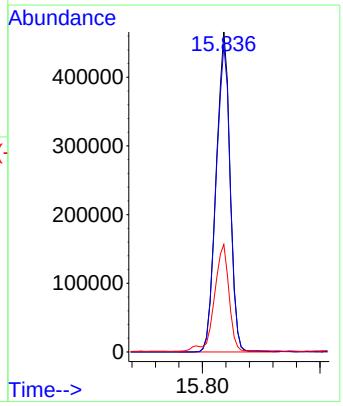


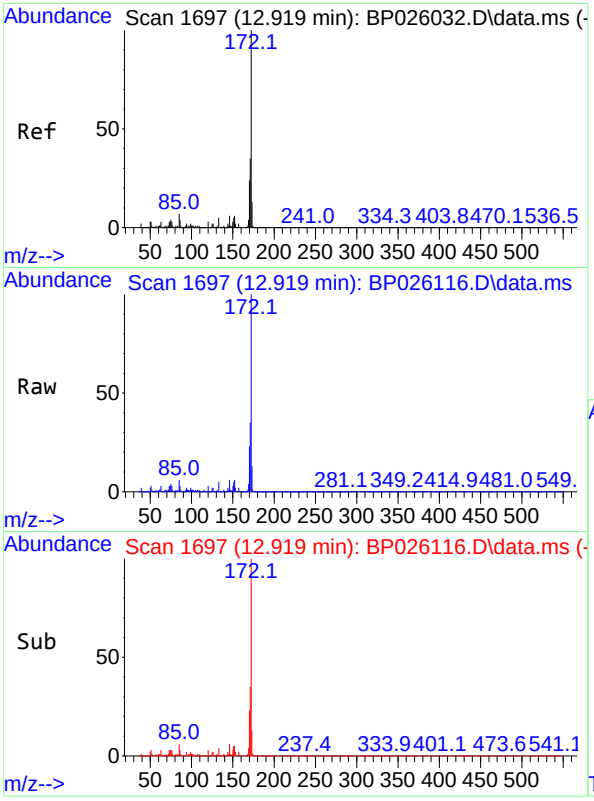


#42
2,4,6-Tribromophenol
Concen: 81.796 ng
RT: 15.836 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion:330 Resp: 767097

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	34.9	28.6	42.8



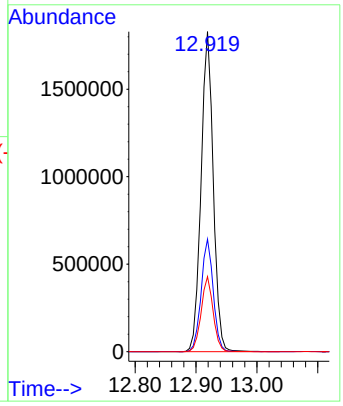


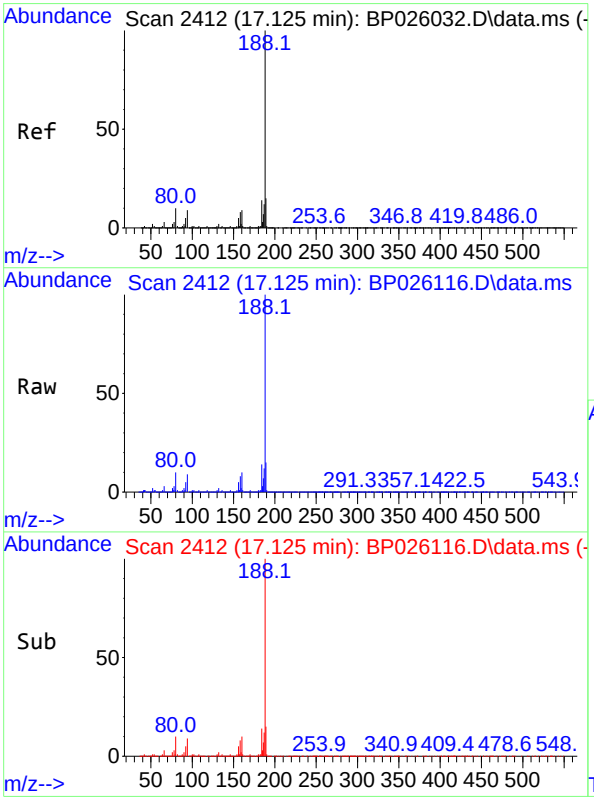
#45
2-Fluorobiphenyl
Concen: 41.974 ng
RT: 12.919 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:172 Resp: 2533981

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	23.4	19.0	28.4

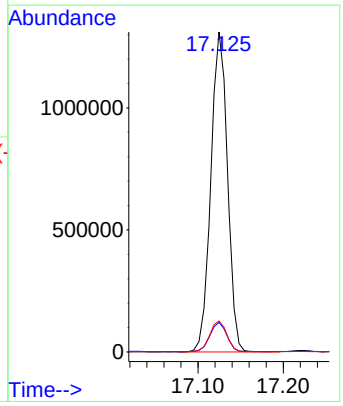


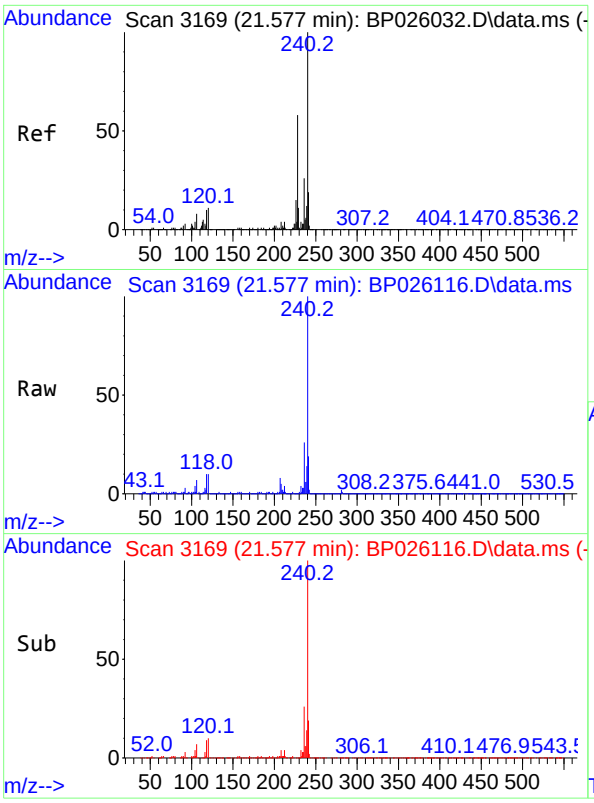


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion:188 Resp: 1776019

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.1	10.7
80	9.7	7.9	11.9



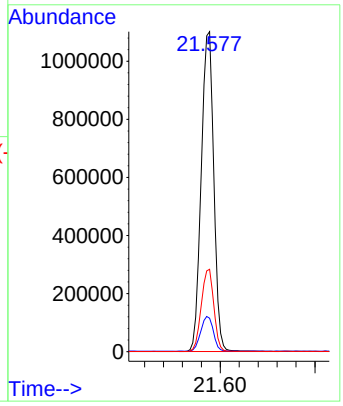


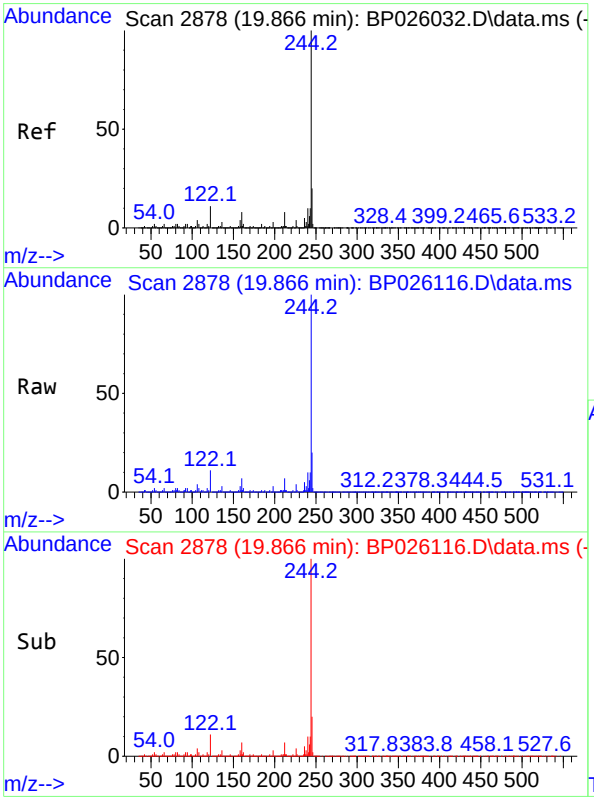
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:240 Resp: 2024264

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	25.8	20.6	31.0

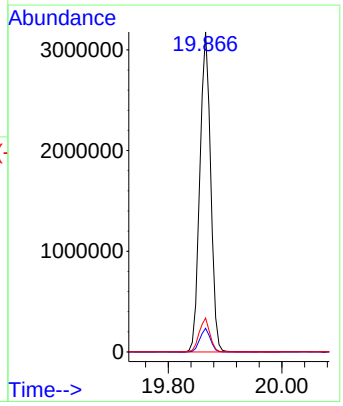


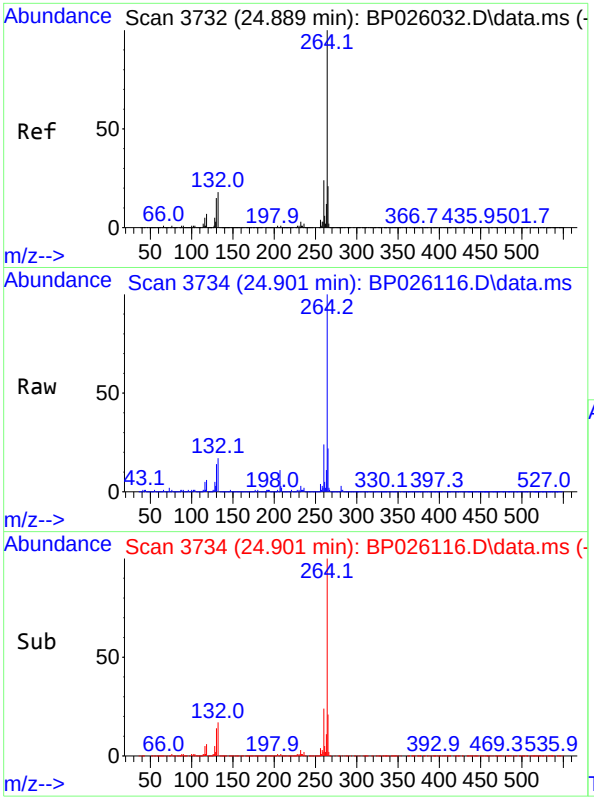


#79
Terphenyl-d14
Concen: 42.181 ng
RT: 19.866 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion:244 Resp: 4202650

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.6	9.0	13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:264 Resp: 2316393

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.7	17.2	25.8