Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102225\
Data File : BP026015.D
Acq On : 23 Oct 2025 02:05
Operator : RC/JU
Sample : Q3409-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EXCAVATION-AREA-B

Quant Time: Oct 23 10:46:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 15 23:48:51 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.702	152	174019	20.000	ng	0.00
21) Naphthalene-d8	10.460	136	795342	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	577613	20.000	ng	0.00
64) Phenanthrene-d10	17.113	188	1122131	20.000	ng	0.00
76) Chrysene-d12	21.571	240	802180	20.000	ng	-0.01
86) Perylene-d12	24.912	264	830131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.343	112	489276	46.097	ng	0.00
7) Phenol-d6	6.913	99	873892	58.998	ng	0.00
23) Nitrobenzene-d5	8.849	82	624339	35.284	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	226008	29.065	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	1633996	36.259	ng	-0.01
79) Terphenyl-d14	19.830	244	2357669	46.972	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.896	77	29641	3.750	ng	94
15) Benzyl Alcohol	7.972	79	5299491	420.350	ng	96
31) Naphthalene	10.519	128	1332743	31.063	ng	100
37) 2-Methylnaphthalene	12.125	142	4688043	166.890	ng	99
38) 1-Methylnaphthalene	12.343	142	3157369	106.561	ng	99
46) 1,1'-Biphenyl	13.142	154	91238	2.091	ng	98
52) Acenaphthene	14.378	154	65901	2.069	ng	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102225\
Data File : BP026015.D
Acq On : 23 Oct 2025 02:05
Operator : RC/JU
Sample : Q3409-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EXCAVATION-AREA-B

Quant Time: Oct 23 10:46:36 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 15 23:48:51 2025
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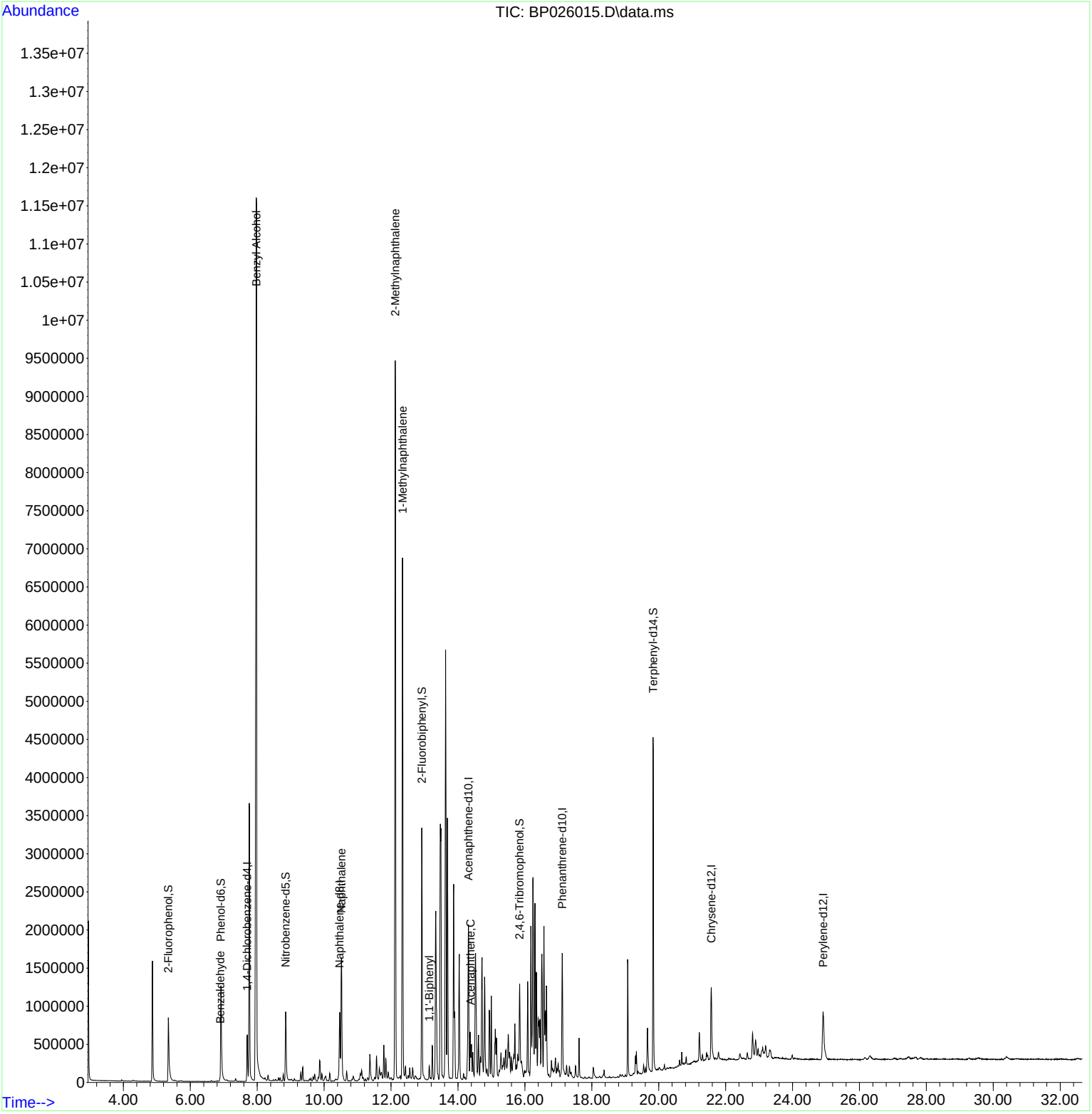
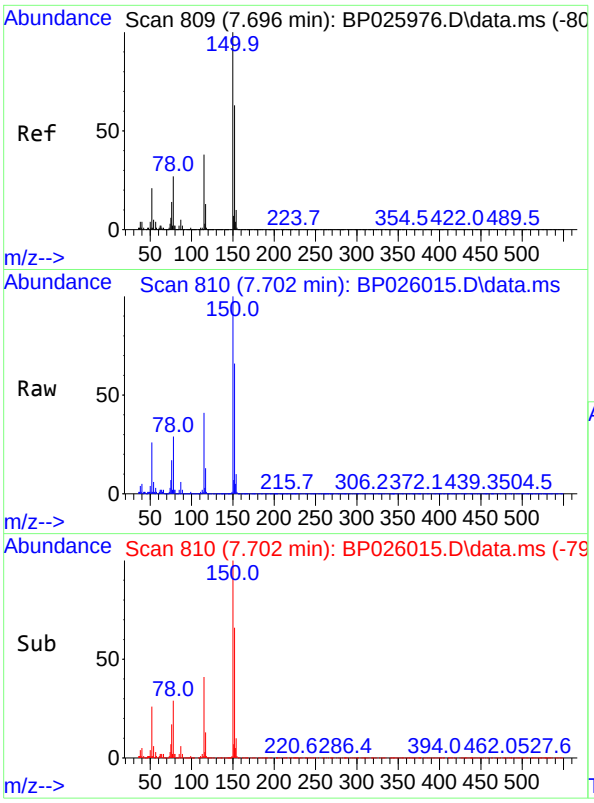


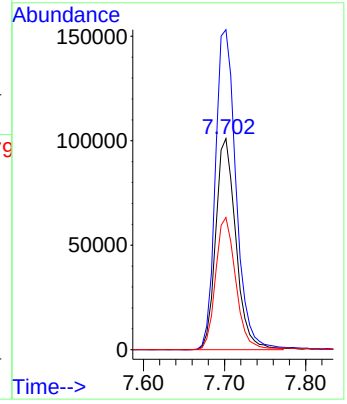


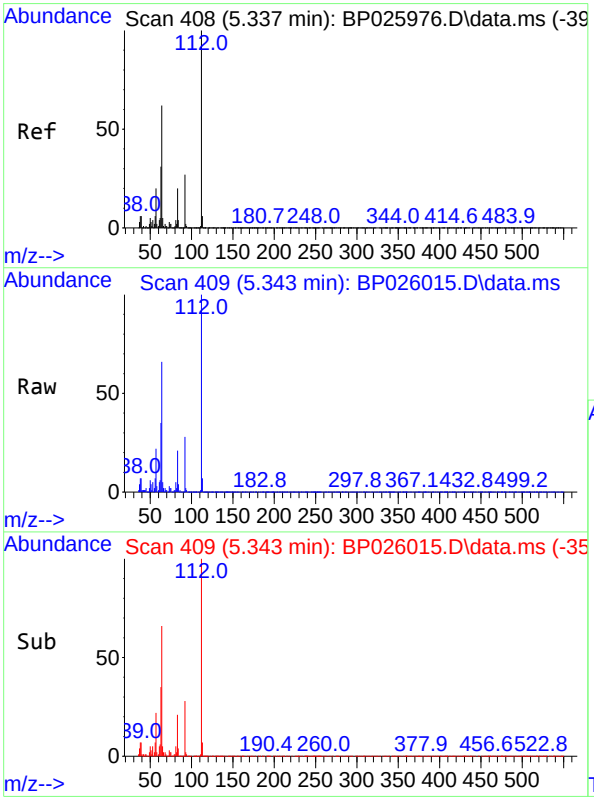
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.702 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026015.D
Acq: 23 Oct 2025 02:05

Instrument :
BNA_P
ClientSampleId :
EXCAVATION-AREA-B

Tgt Ion:152 Resp: 174019

Ion	Ratio	Lower	Upper
152	100		
150	151.6	127.3	190.9
115	62.6	48.7	73.1

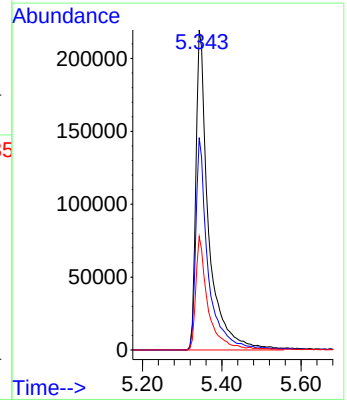


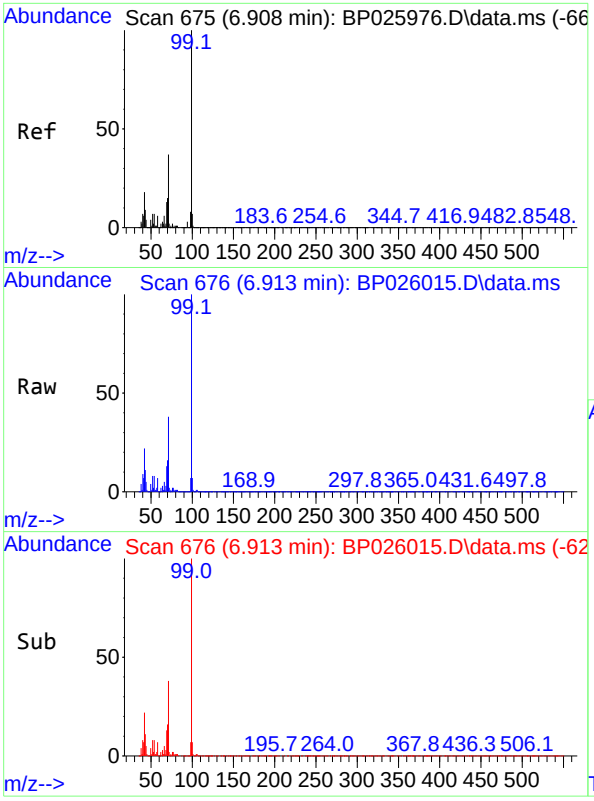


#5
2-Fluorophenol
Concen: 46.097 ng
RT: 5.343 min Scan# 409
Delta R.T. 0.006 min
Lab File: BP026015.D
Acq: 23 Oct 2025 02:05

Tgt Ion:112 Resp: 489276

Ion	Ratio	Lower	Upper
112	100		
64	66.4	49.9	74.9
63	35.5	24.9	37.3



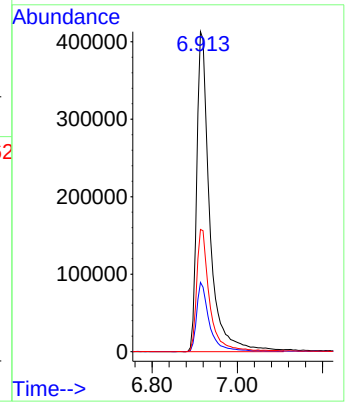


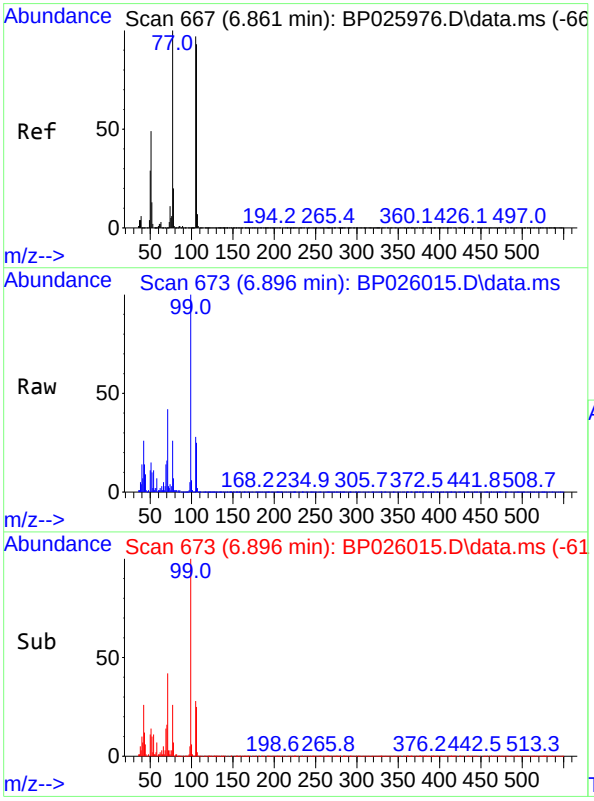
#7
Phenol-d6
Concen: 58.998 ng
RT: 6.913 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP026015.D
Acq: 23 Oct 2025 02:05

Instrument :
BNA_P
ClientSampleId :
EXCAVATION-AREA-B

Tgt Ion: 99 Resp: 873892

Ion	Ratio	Lower	Upper
99	100		
42	21.7	14.2	21.4#
71	38.2	29.4	44.0

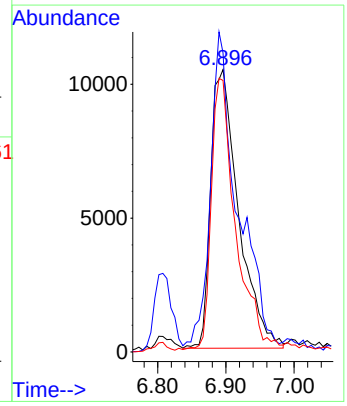


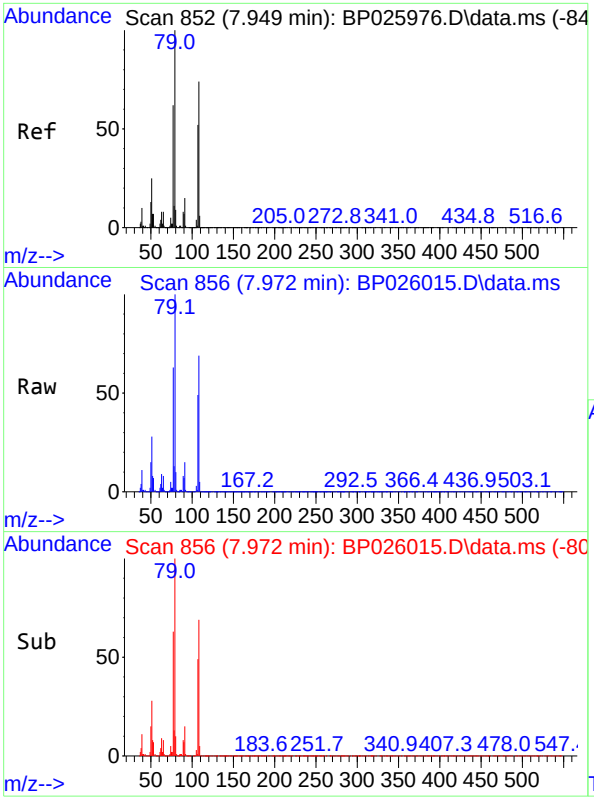


#9
Benzaldehyde
Concen: 3.750 ng
RT: 6.896 min Scan# 673
Delta R.T. 0.035 min
Lab File: BP026015.D
Acq: 23 Oct 2025 02:05

Tgt Ion: 77 Resp: 29641

Ion	Ratio	Lower	Upper
77	100		
105	105.8	76.6	116.6
106	96.1	73.2	113.2



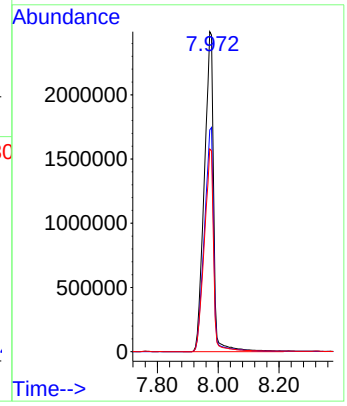


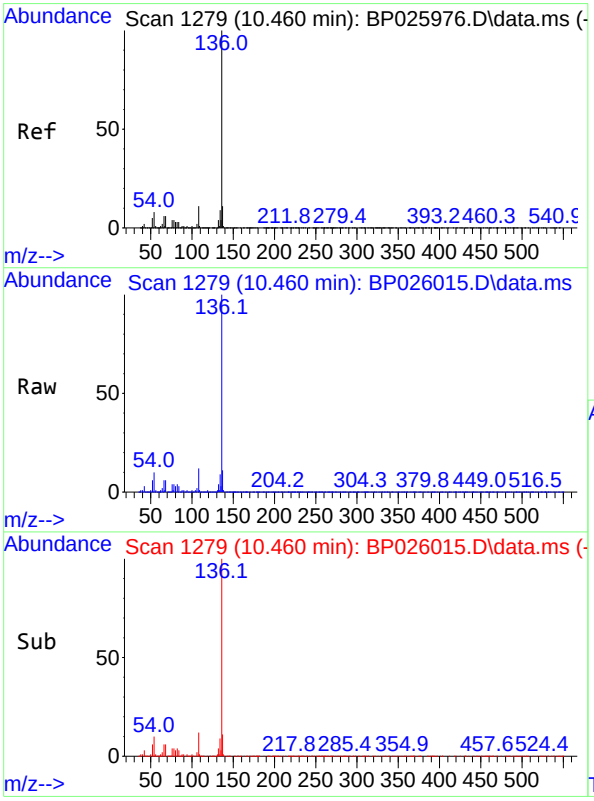
#15
Benzyl Alcohol
Concen: 420.350 ng
RT: 7.972 min Scan# 8
Delta R.T. 0.023 min
Lab File: BP026015.D
Acq: 23 Oct 2025 02:05

Instrument :
BNA_P
ClientSampleId :
EXCAVATION-AREA-B

Tgt Ion: 79 Resp: 5299491

Ion	Ratio	Lower	Upper
79	100		
108	69.3	59.2	88.8
77	63.3	49.3	73.9

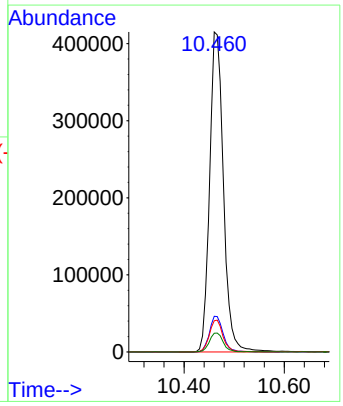


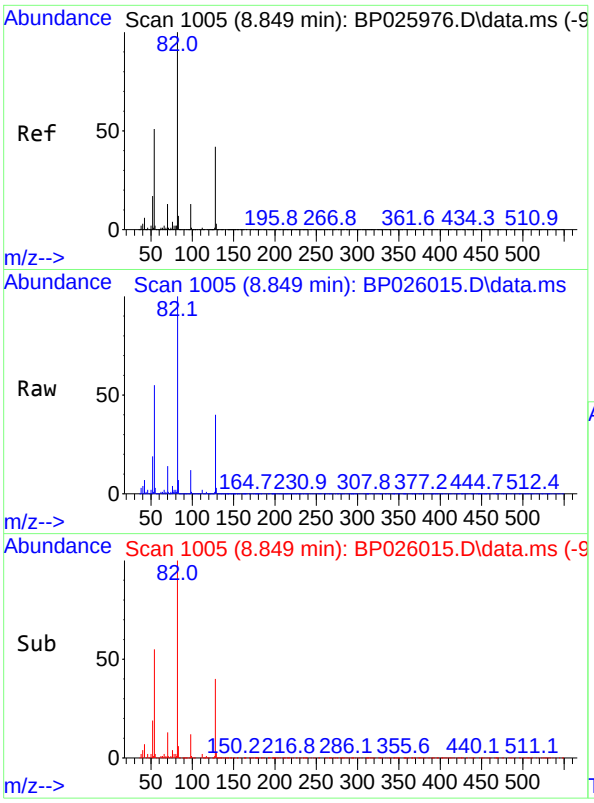


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.460 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BP026015.D
Acq: 23 Oct 2025 02:05

Tgt Ion:136 Resp: 795342

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	9.8	6.8	10.2
68	5.8	4.5	6.7



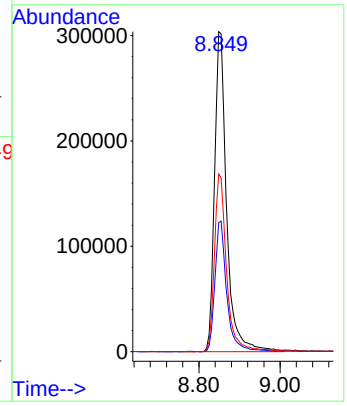


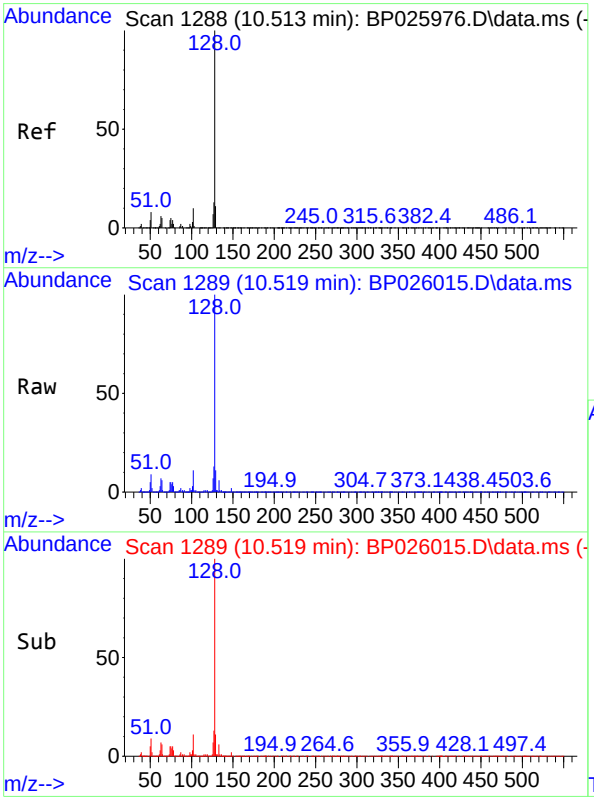
#23
Nitrobenzene-d5
Concen: 35.284 ng
RT: 8.849 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP026015.D
Acq: 23 Oct 2025 02:05

Instrument :
BNA_P
ClientSampleId :
EXCAVATION-AREA-B

Tgt Ion: 82 Resp: 624339

Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.6	50.4
54	55.5	40.6	61.0

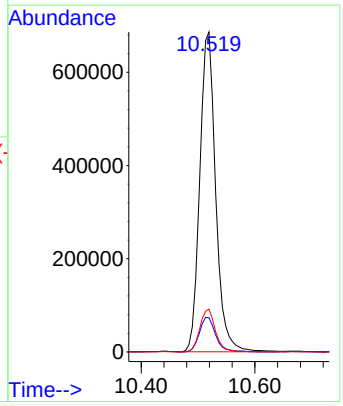


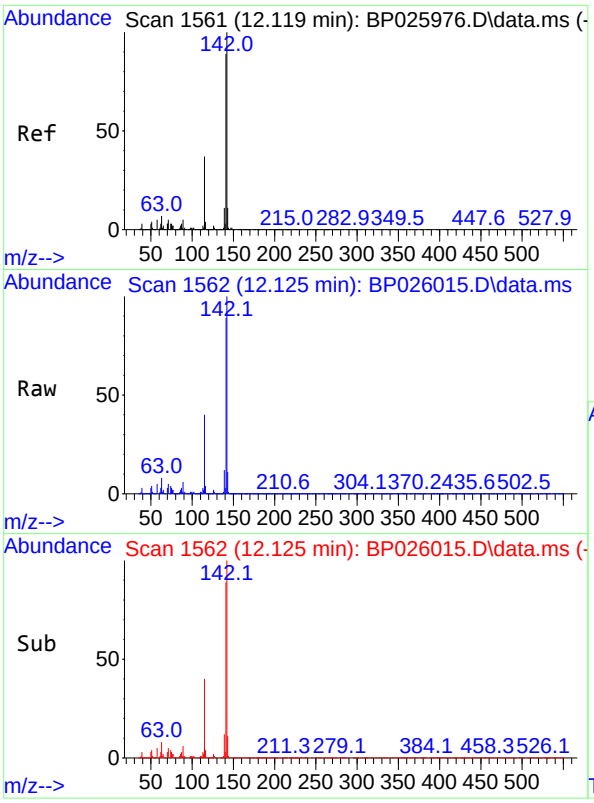


#31
Naphthalene
Concen: 31.063 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BP026015.D
Acq: 23 Oct 2025 02:05

Tgt Ion:128 Resp: 1332743

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	13.4	10.6	16.0



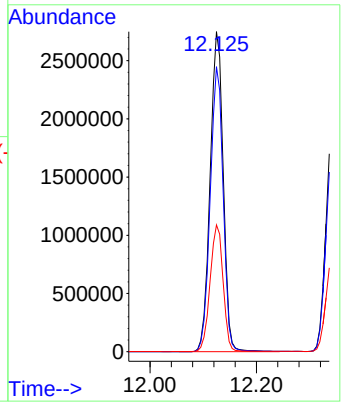


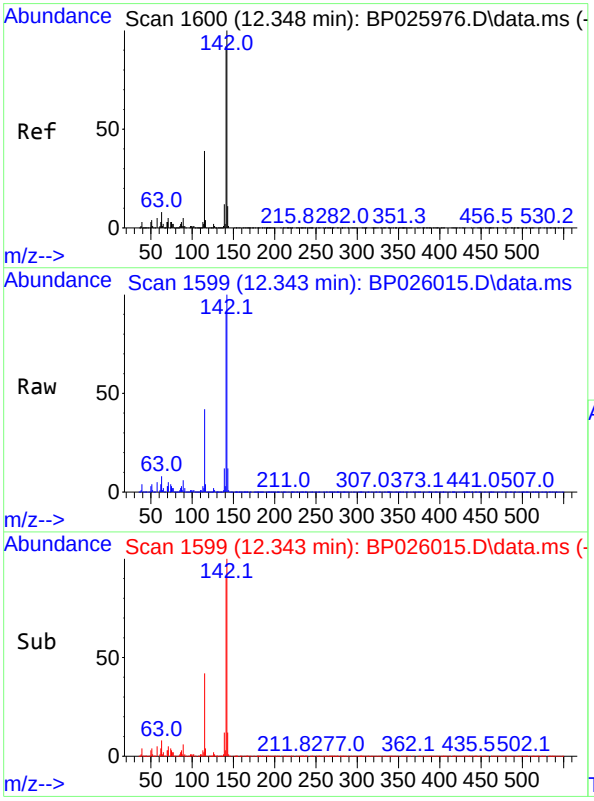
#37
2-Methylnaphthalene
Concen: 166.890 ng
RT: 12.125 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP026015.D
Acq: 23 Oct 2025 02:05

Instrument :
BNA_P
ClientSampleId :
EXCAVATION-AREA-B

Tgt Ion:142 Resp: 4688043

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.9	106.3
115	39.6	29.9	44.9

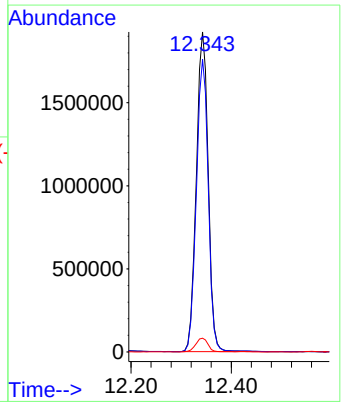


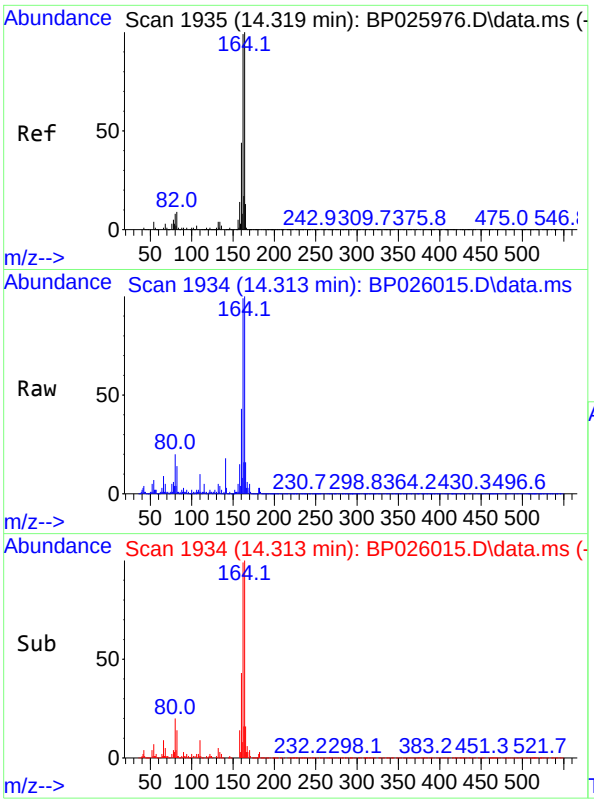


#38
1-Methylnaphthalene
Concen: 106.561 ng
RT: 12.343 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BP026015.D
Acq: 23 Oct 2025 02:05

Tgt Ion:142 Resp: 3157369

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.7	110.5
116	4.3	3.2	4.8



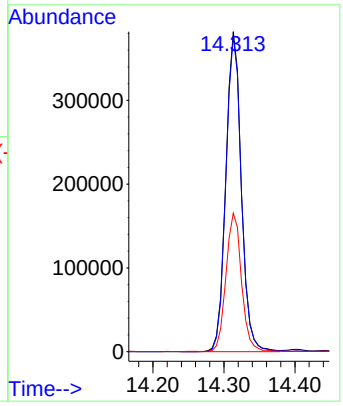


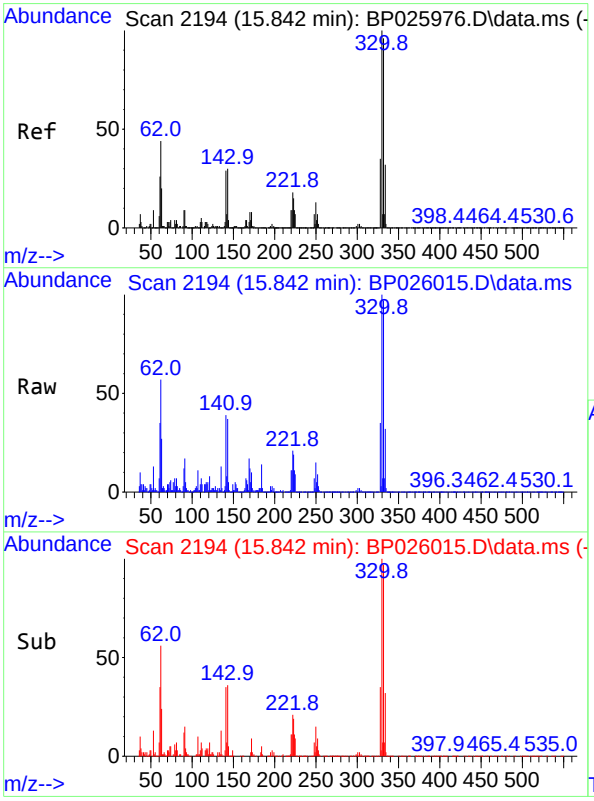
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026015.D
Acq: 23 Oct 2025 02:05

Instrument :
BNA_P
ClientSampleId :
EXCAVATION-AREA-B

Tgt Ion:164 Resp: 577613

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.3	118.9
160	43.3	35.4	53.0

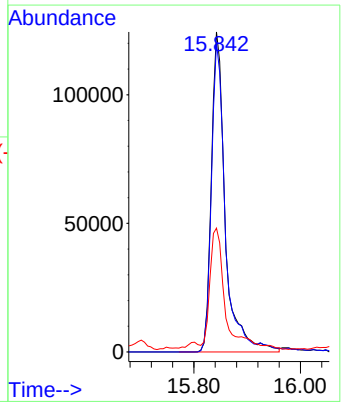


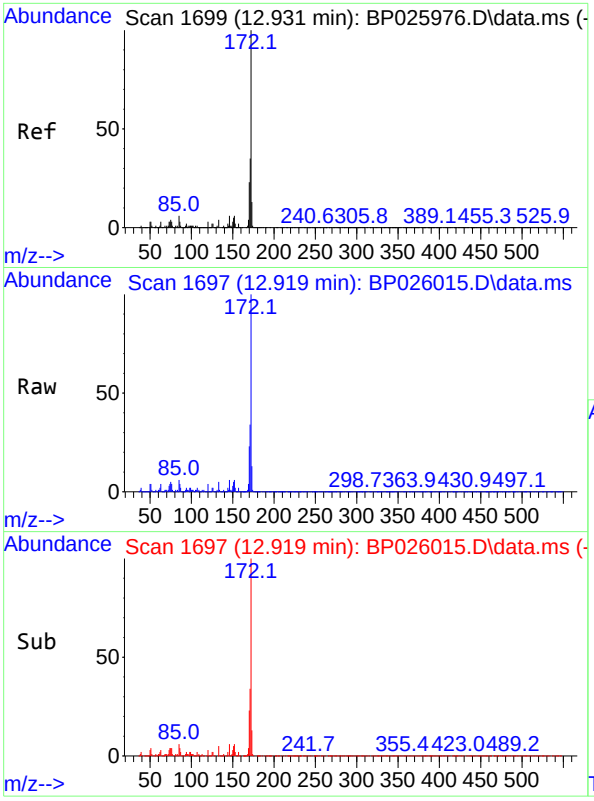


#42
2,4,6-Tribromophenol
Concen: 29.065 ng
RT: 15.842 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BP026015.D
Acq: 23 Oct 2025 02:05

Tgt Ion:330 Resp: 226008

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.8	116.8
141	41.7	25.6	38.4#



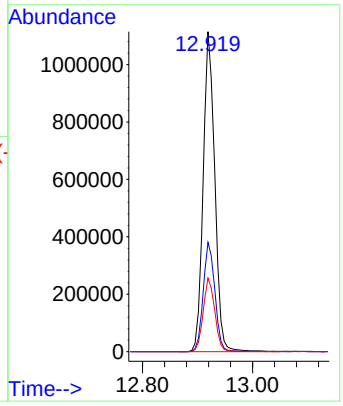


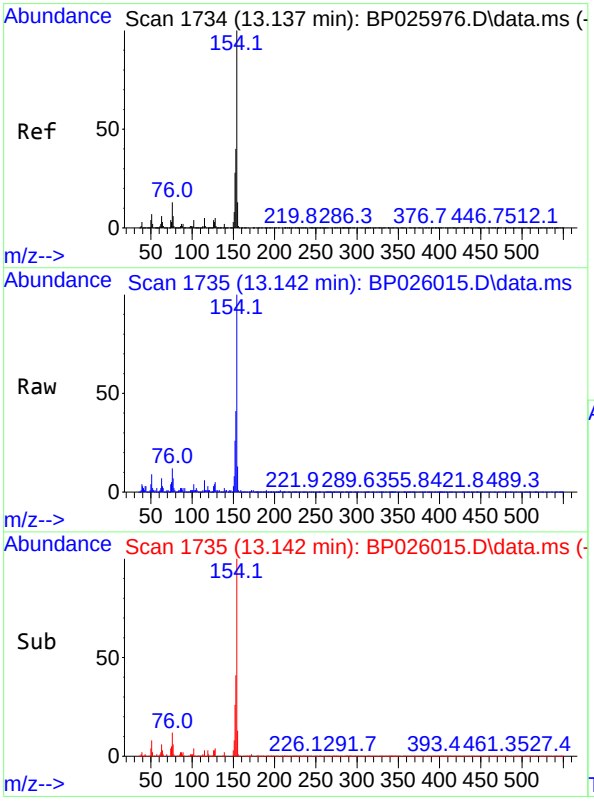
#45
2-Fluorobiphenyl
Concen: 36.259 ng
RT: 12.919 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026015.D
Acq: 23 Oct 2025 02:05

Instrument :
BNA_P
ClientSampleId :
EXCAVATION-AREA-B

Tgt Ion:172 Resp: 1633996

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.8	41.8
170	23.0	18.5	27.7

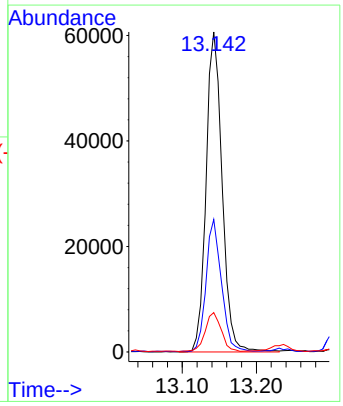


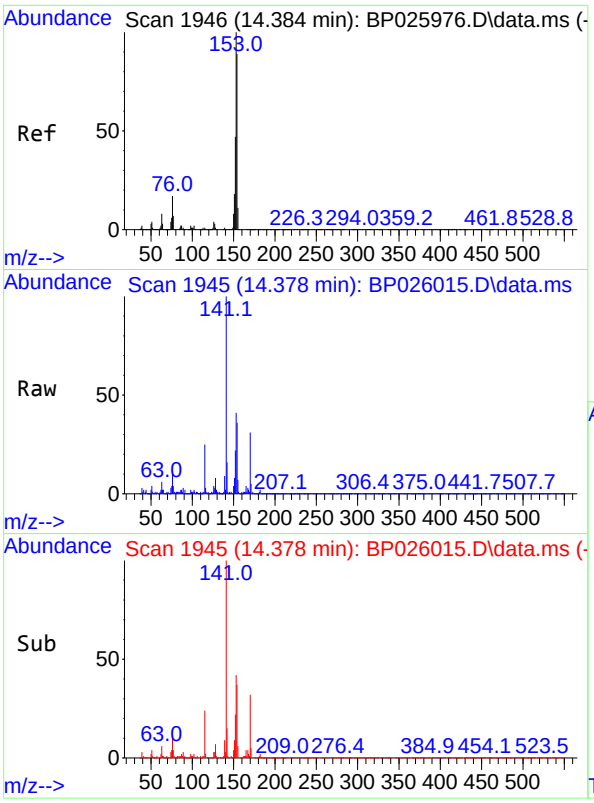


#46
1,1'-Biphenyl
Concen: 2.091 ng
RT: 13.142 min Scan# 1735
Delta R.T. 0.006 min
Lab File: BP026015.D
Acq: 23 Oct 2025 02:05

Tgt Ion:154 Resp: 91238

Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.1	60.1
76	12.3	0.0	33.1



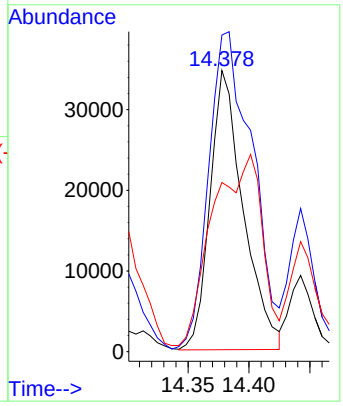


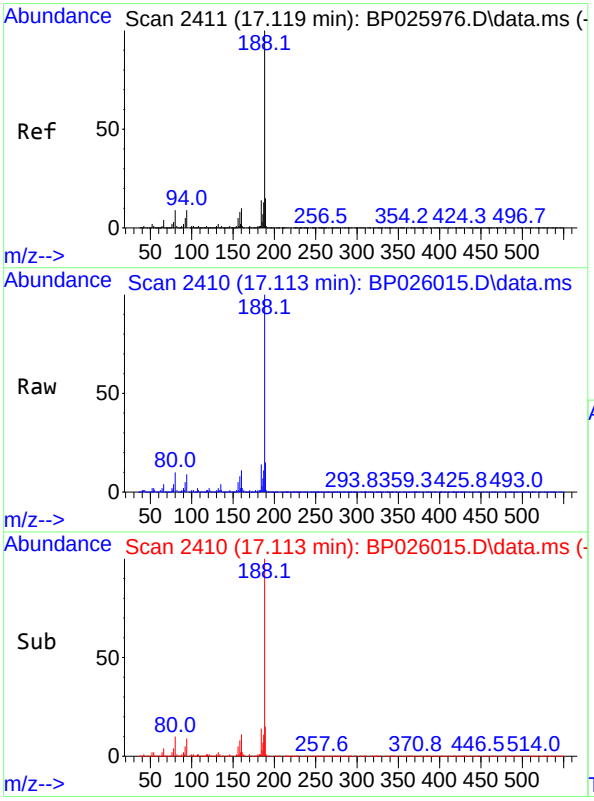
#52
Acenaphthene
Concen: 2.069 ng
RT: 14.378 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026015.D
Acq: 23 Oct 2025 02:05

Instrument :
BNA_P
ClientSampleId :
EXCAVATION-AREA-B

Tgt Ion:154 Resp: 65901

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.2	135.2
152	60.2	42.2	63.2

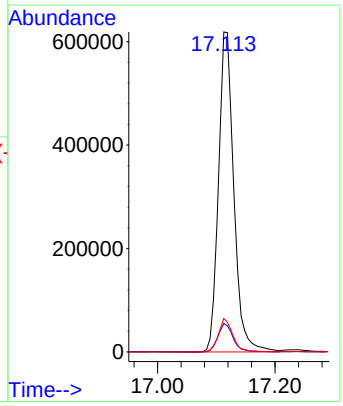


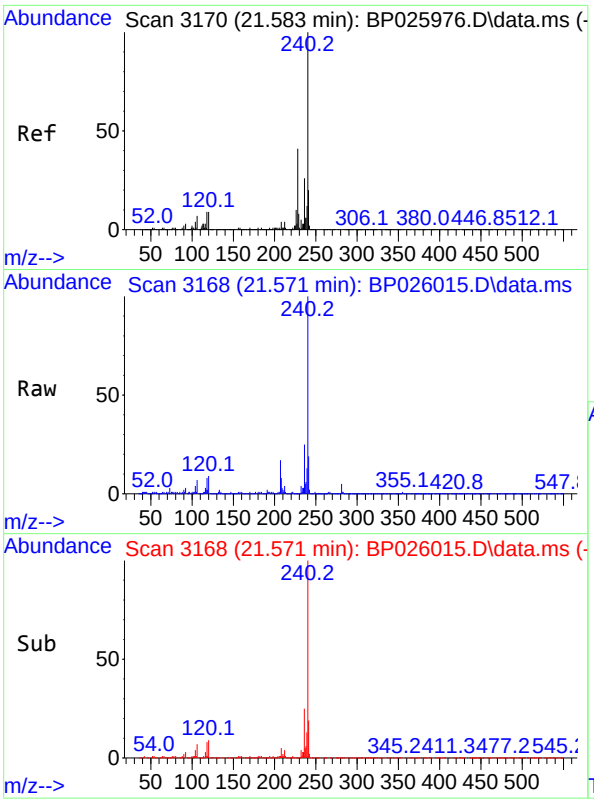


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.113 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP026015.D
Acq: 23 Oct 2025 02:05

Tgt Ion:188 Resp: 1122131

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.8	10.2
80	10.5	7.2	10.8



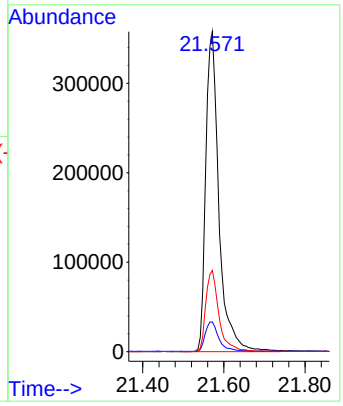


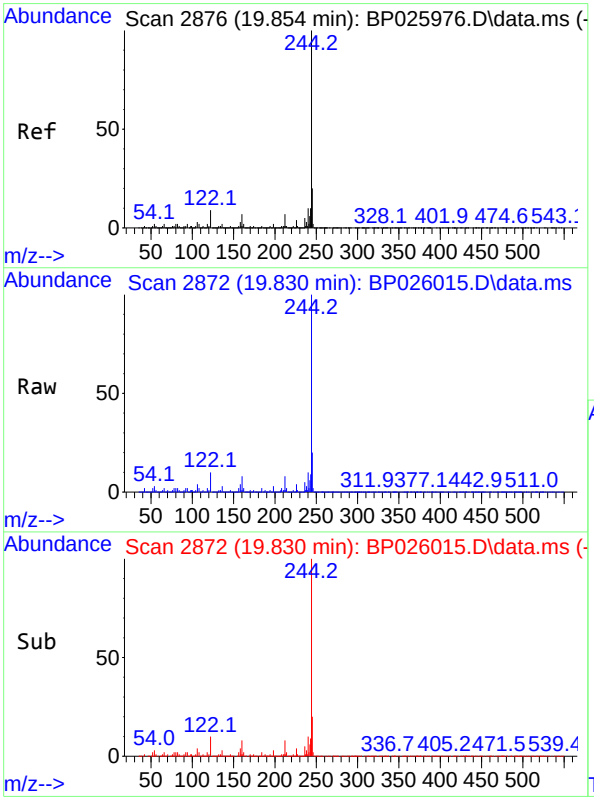
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP026015.D
Acq: 23 Oct 2025 02:05

Instrument :
BNA_P
ClientSampleId :
EXCAVATION-AREA-B

Tgt Ion:240 Resp: 802180

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.4	11.0
236	25.4	20.4	30.6

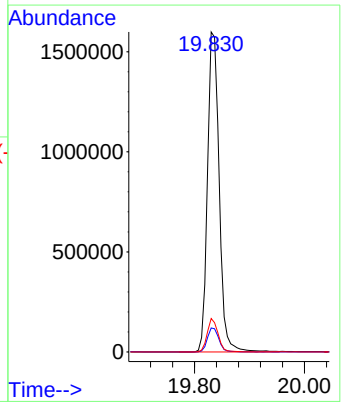


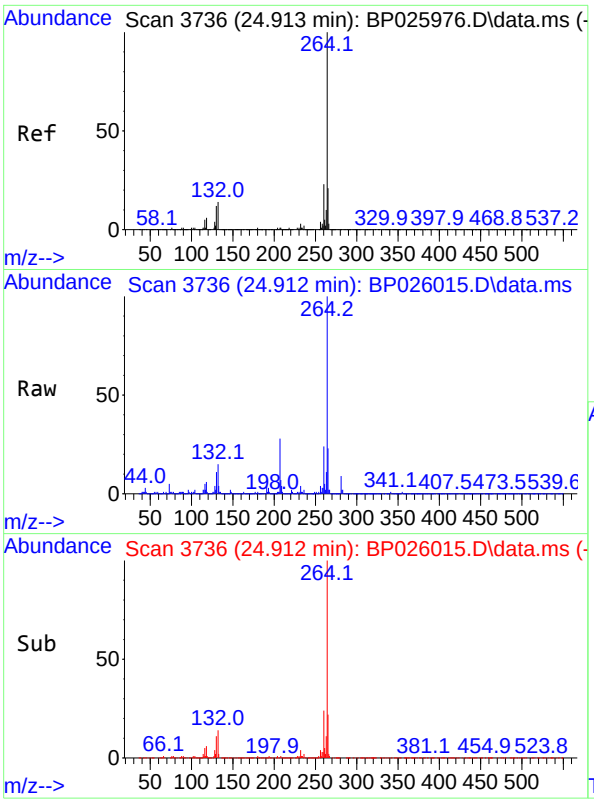


#79
Terphenyl-d14
Concen: 46.972 ng
RT: 19.830 min Scan# 2872
Delta R.T. -0.024 min
Lab File: BP026015.D
Acq: 23 Oct 2025 02:05

Tgt Ion:244 Resp: 2357669

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	10.4	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.912 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP026015.D
Acq: 23 Oct 2025 02:05

Instrument :
BNA_P
ClientSampleId :
EXCAVATION-AREA-B

Tgt Ion:264 Resp: 830131

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	22.8	17.7	26.5