Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110425\
Data File : BP026072.D
Acq On : 04 Nov 2025 15:53
Operator : RC/JU
Sample : Q3516-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-103125

Quant Time: Nov 04 16:13:08 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

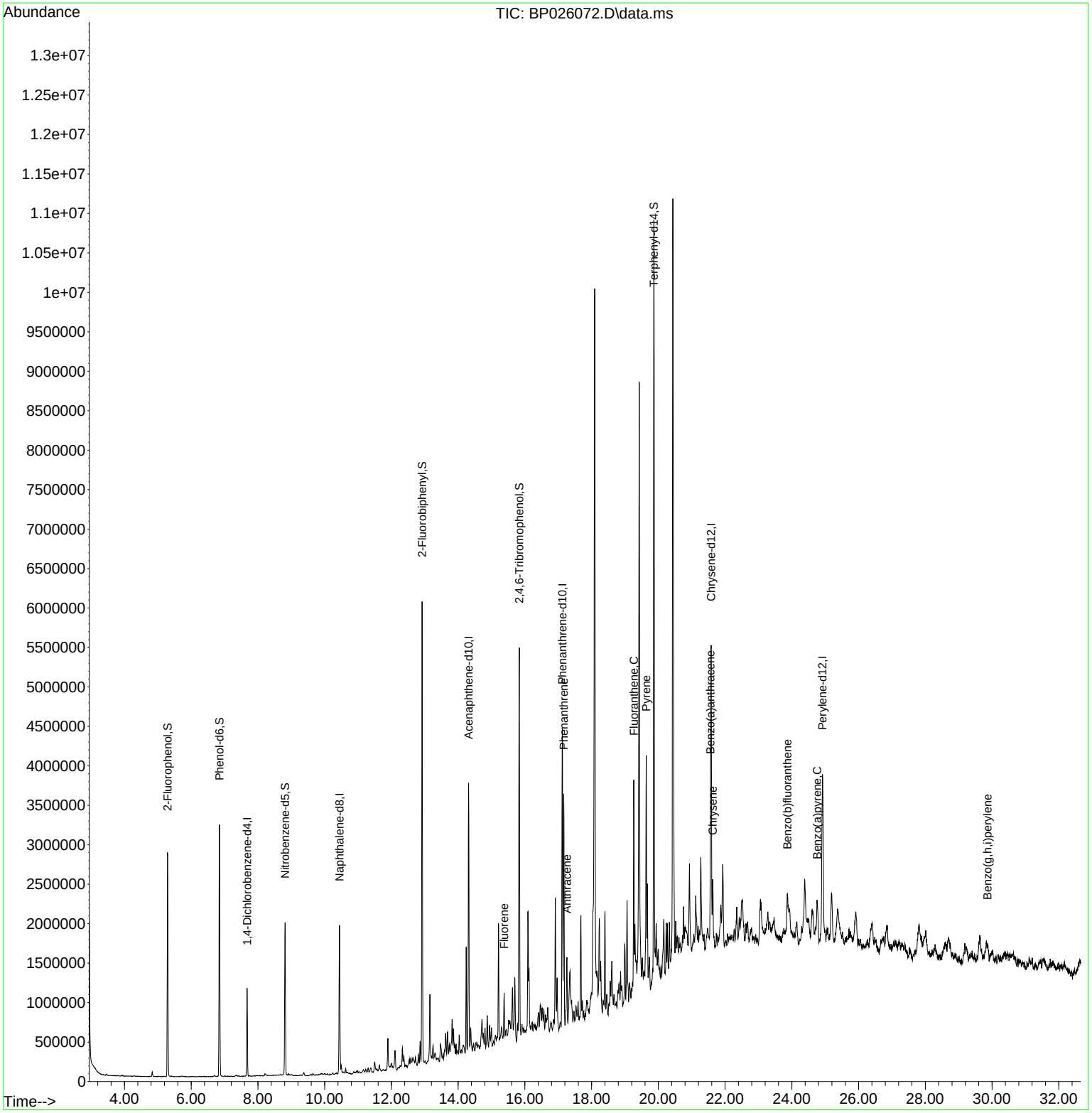
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.678	152	312351	20.000	ng		-0.01
21) Naphthalene-d8	10.443	136	1502216	20.000	ng		-0.01
39) Acenaphthene-d10	14.313	164	1129953	20.000	ng		0.00
64) Phenanthrene-d10	17.119	188	2494870	20.000	ng		0.00
76) Chrysene-d12	21.583	240	2212498	20.000	ng		0.02
86) Perylene-d12	24.919	264	2270404	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1331150	70.322	ng		0.00
7) Phenol-d6	6.849	99	1902790	78.976	ng		0.00
23) Nitrobenzene-d5	8.813	82	1075191	44.619	ng		-0.01
42) 2,4,6-Tribromophenol	15.831	330	1011020	82.763	ng		0.00
45) 2-Fluorobiphenyl	12.919	172	2986085	37.973	ng		-0.01
79) Terphenyl-d14	19.866	244	5022929	46.124	ng		0.00
Target Compounds							Qvalue
58) Fluorene	15.378	166	265457	3.292	ng		98
71) Phenanthrene	17.166	178	1976375	13.610	ng		99
72) Anthracene	17.260	178	493551	3.429	ng		99
75) Fluoranthene	19.266	202	1639236	9.677	ng		98
78) Pyrene	19.636	202	1904232	12.725	ng		99
81) Benzo(a)anthracene	21.560	228	742693	4.885	ng		94
83) Chrysene	21.630	228	715797	4.970	ng		97
88) Benzo(b)fluoranthene	23.866	252	647673	4.595	ng	#	90
90) Benzo(a)pyrene	24.760	252	578269	4.466	ng	#	93
92) Benzo(g,h,i)perylene	29.865	276	326591	2.488	ng		95

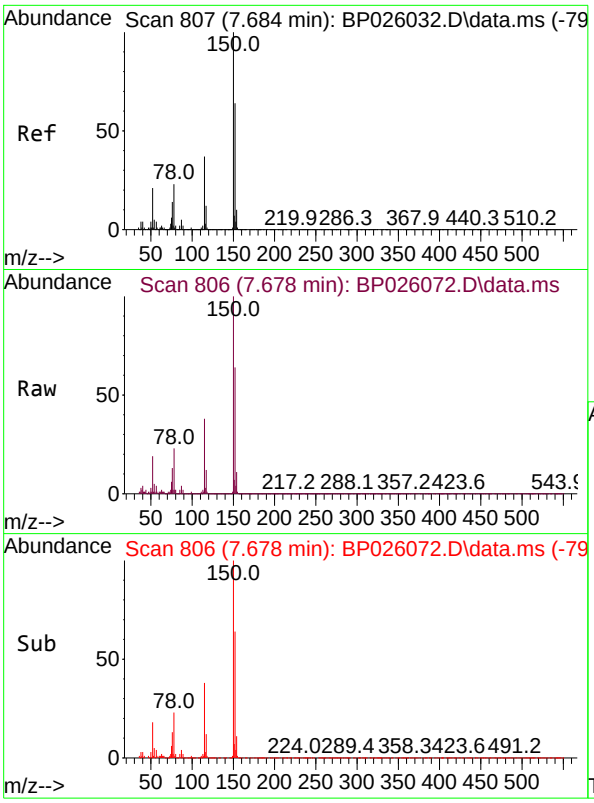
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110425\
Data File : BP026072.D
Acq On : 04 Nov 2025 15:53
Operator : RC/JU
Sample : Q3516-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-103125

Quant Time: Nov 04 16:13:08 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



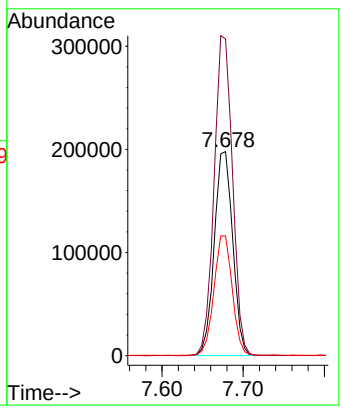


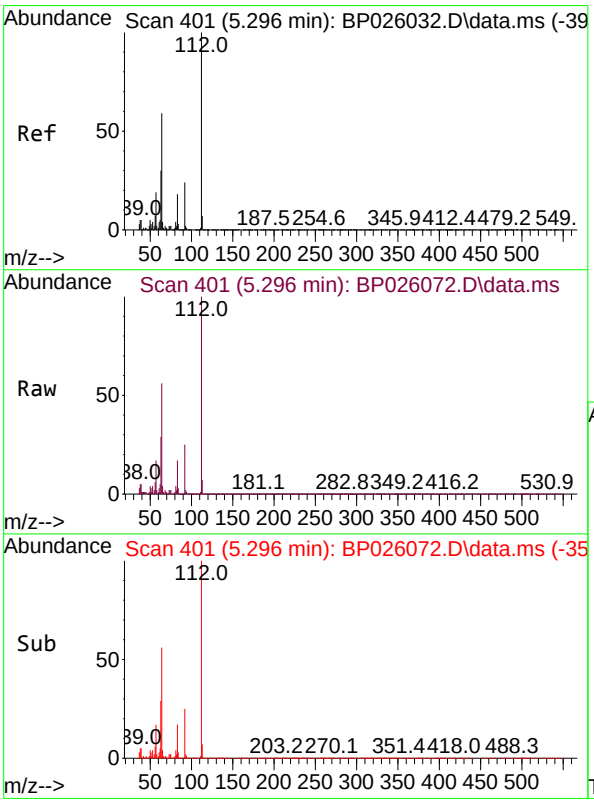
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Instrument :
BNA_P
ClientSampleId :
HD-01-103125

Tgt Ion:152 Resp: 312351

Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.7	188.5
115	58.7	46.4	69.6

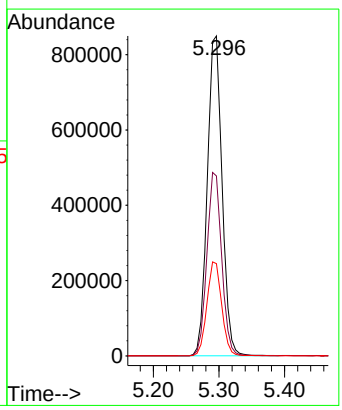


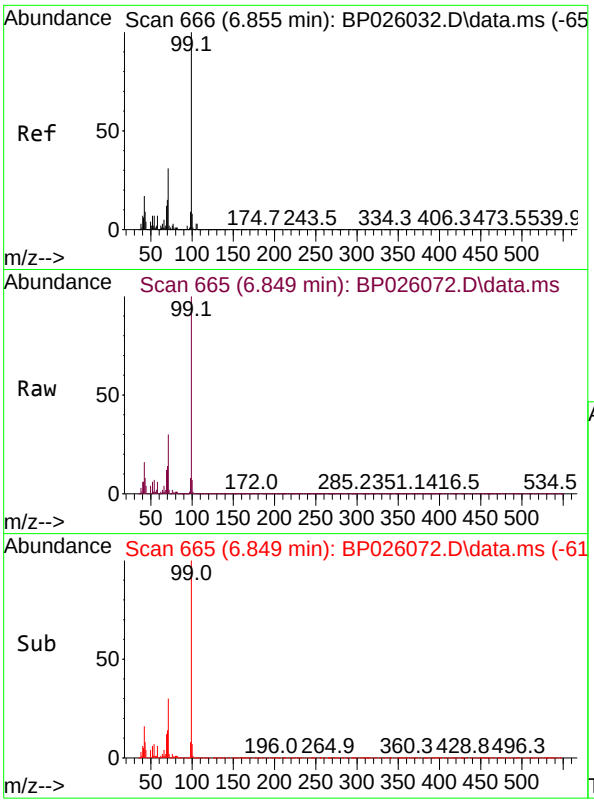


#5
2-Fluorophenol
Concen: 70.322 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:112 Resp: 1331150

Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.4	71.2
63	28.8	24.2	36.4



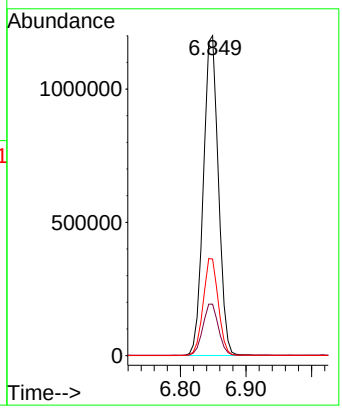


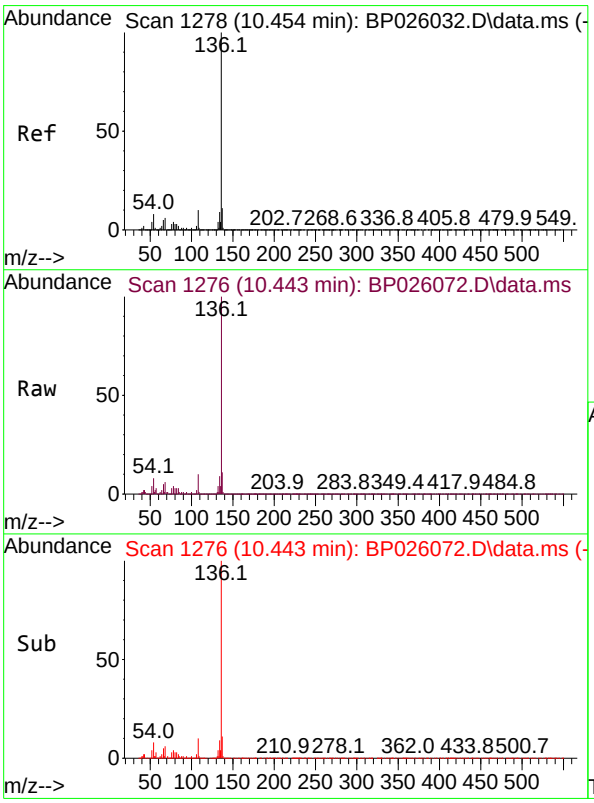
#7
Phenol-d6
Concen: 78.976 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.005 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Instrument :
BNA_P
ClientSampleId :
HD-01-103125

Tgt Ion: 99 Resp: 1902790

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.7	20.5
71	30.2	24.4	36.6

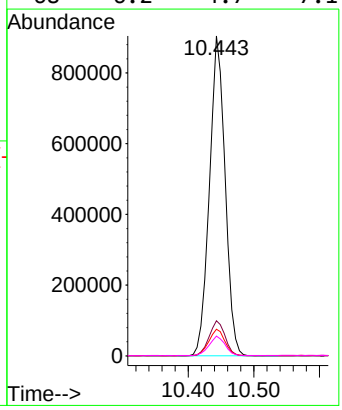


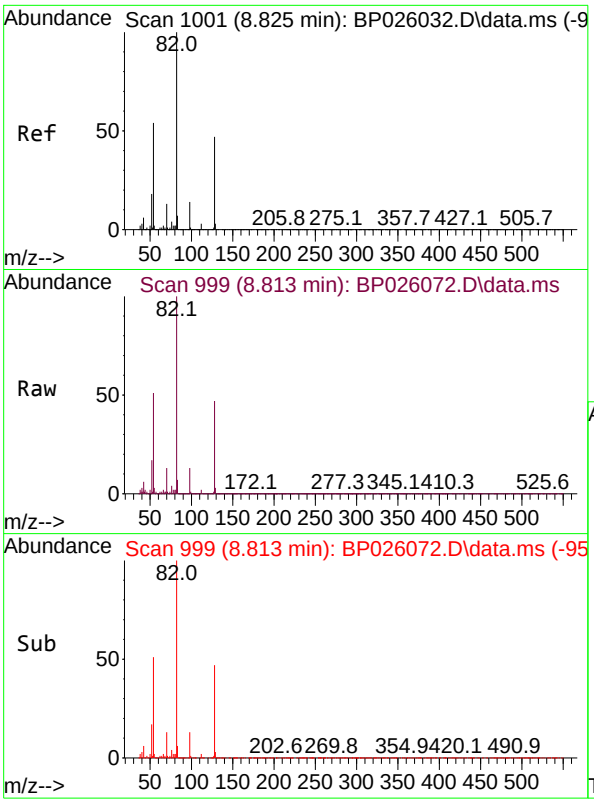


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:136 Resp: 1502216

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.3	6.6	10.0
68	6.2	4.7	7.1



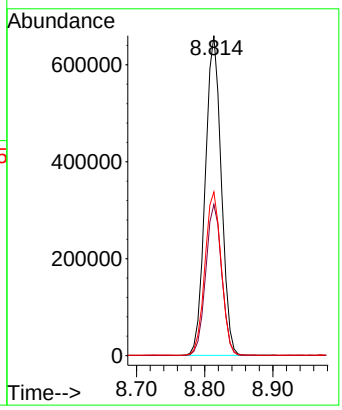


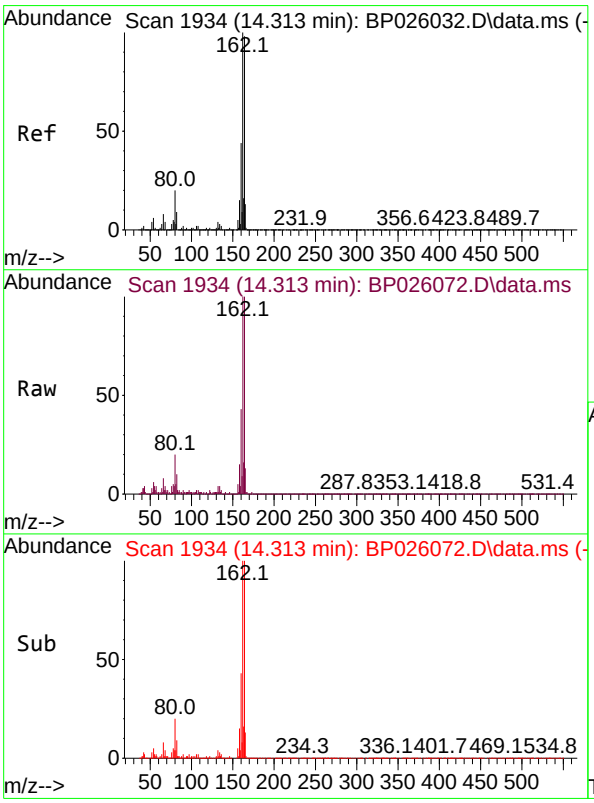
#23
Nitrobenzene-d5
Concen: 44.619 ng
RT: 8.813 min Scan# 99
Delta R.T. -0.011 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Instrument :
BNA_P
ClientSampleId :
HD-01-103125

Tgt Ion: 82 Resp: 1075191

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.4	56.0
54	51.2	42.7	64.1

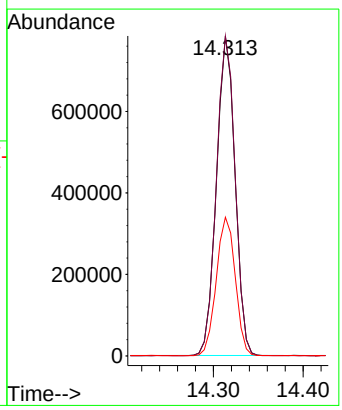


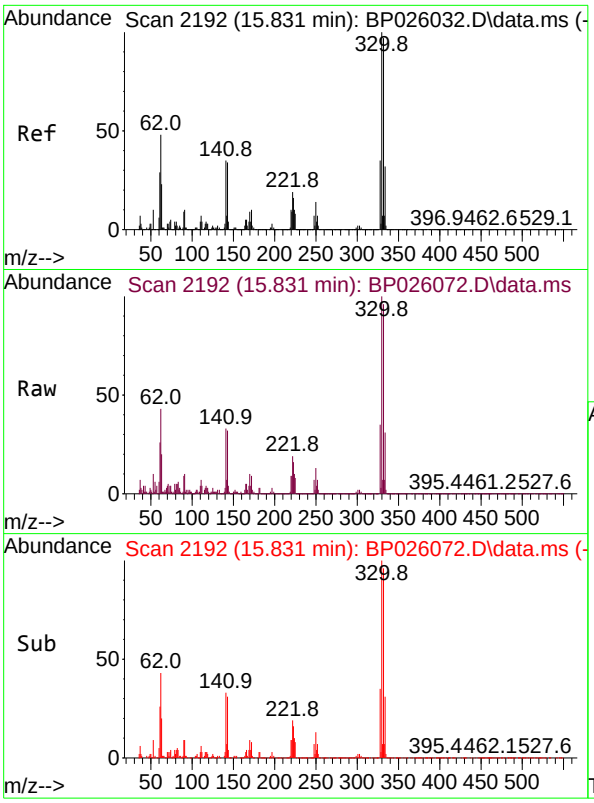


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:164 Resp: 1129953

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.5	122.3
160	43.4	36.2	54.4



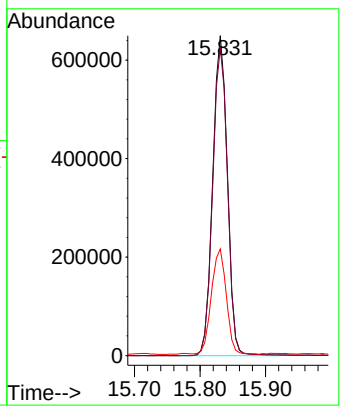


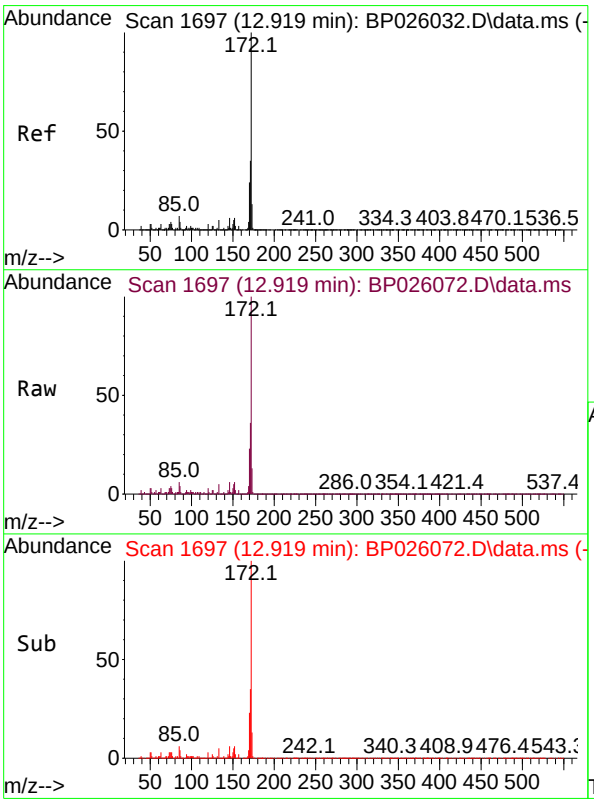
#42
2,4,6-Tribromophenol
Concen: 82.763 ng
RT: 15.831 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Instrument :
BNA_P
ClientSampleId :
HD-01-103125

Tgt Ion:330 Resp: 1011020

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	33.4	28.6	42.8

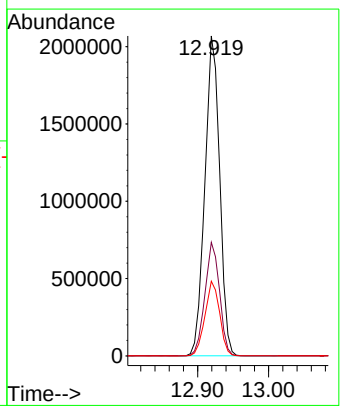


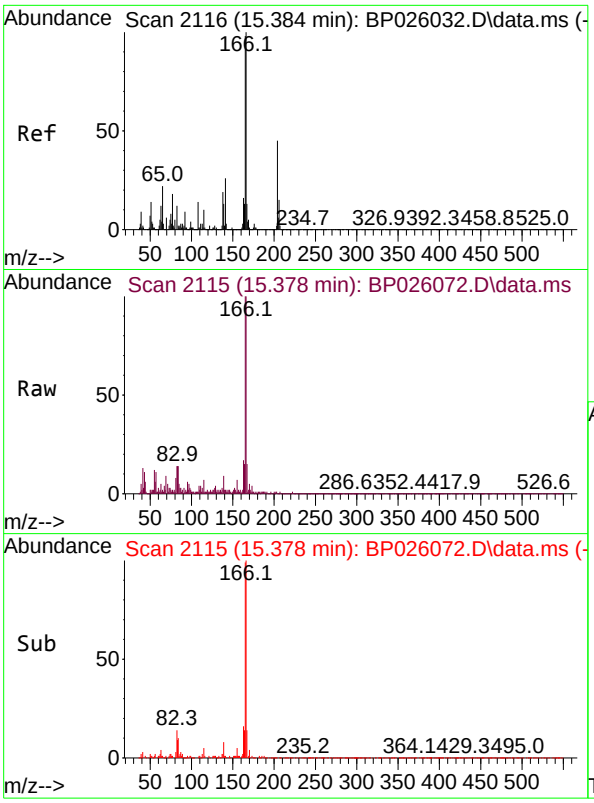


#45
2-Fluorobiphenyl
Concen: 37.973 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:172 Resp: 2986085

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	23.3	19.0	28.4



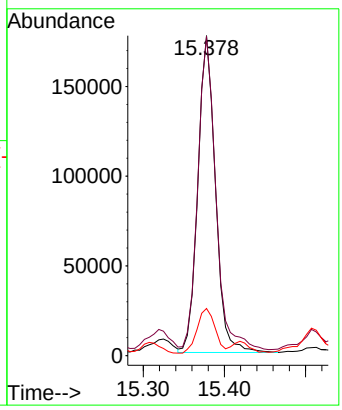


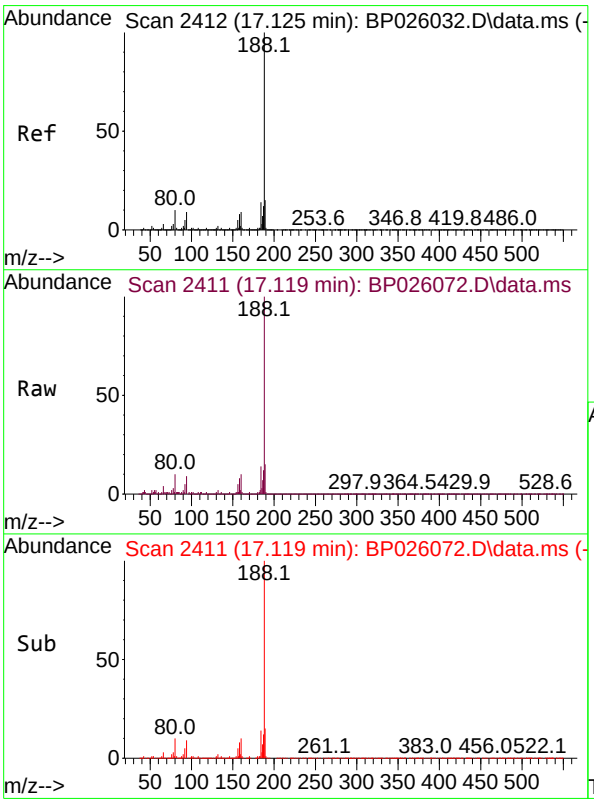
#58
Fluorene
Concen: 3.292 ng
RT: 15.378 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Instrument :
BNA_P
ClientSampleId :
HD-01-103125

Tgt Ion:166 Resp: 265457

Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.1	117.1
167	14.7	10.6	16.0

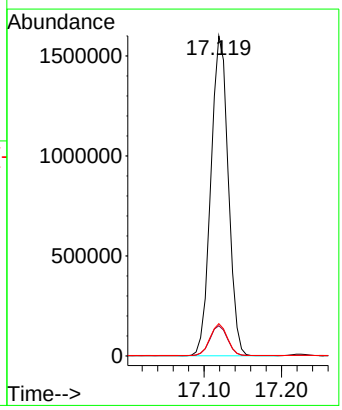


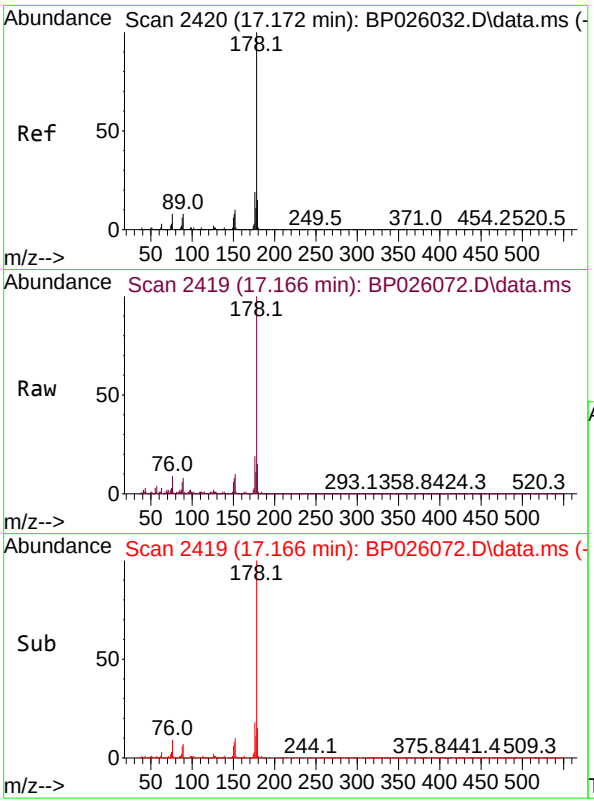


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2411
Delta R.T. -0.005 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:188 Resp: 2494870

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.1	10.7
80	10.1	7.9	11.9



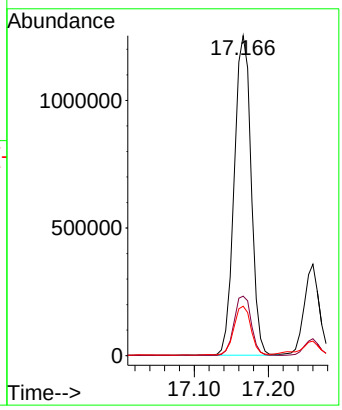


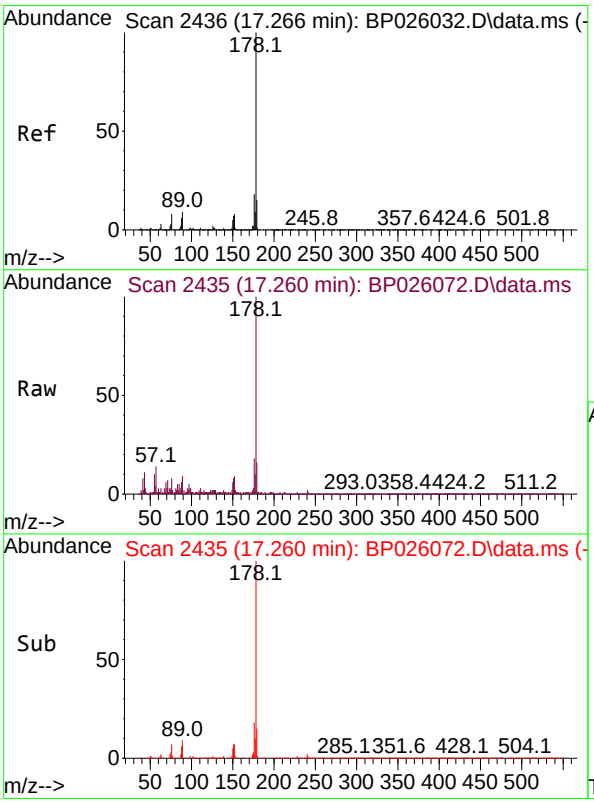
#71
Phenanthrene
Concen: 13.610 ng
RT: 17.166 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Instrument :
BNA_P
ClientSampleId :
HD-01-103125

Tgt Ion:178 Resp: 1976375

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.5	12.3	18.5

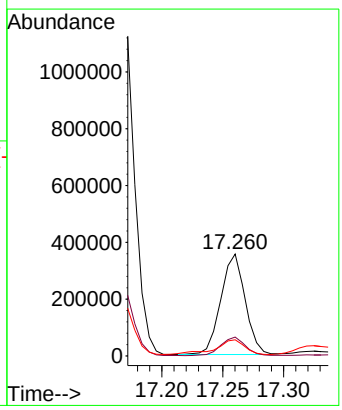


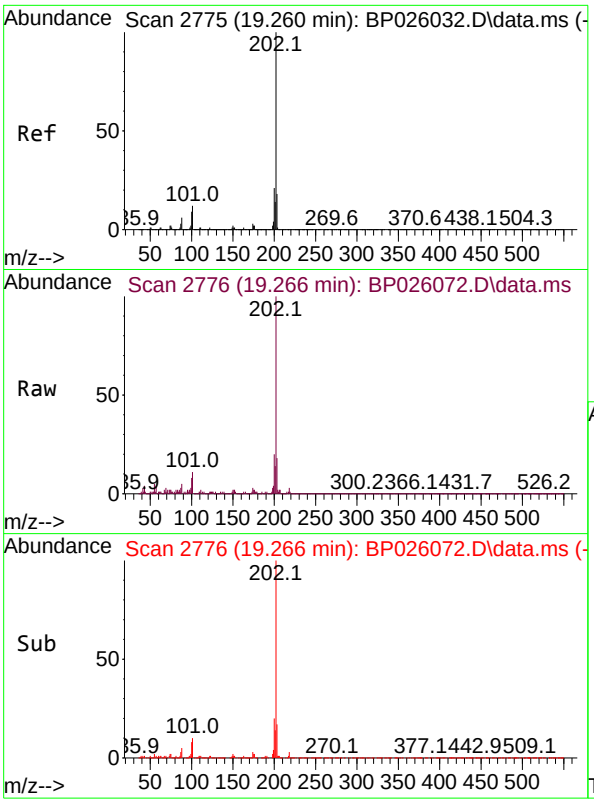


#72
Anthracene
Concen: 3.429 ng
RT: 17.260 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:178 Resp: 493551

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.8	12.2	18.4



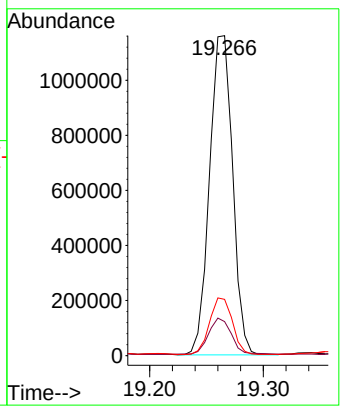


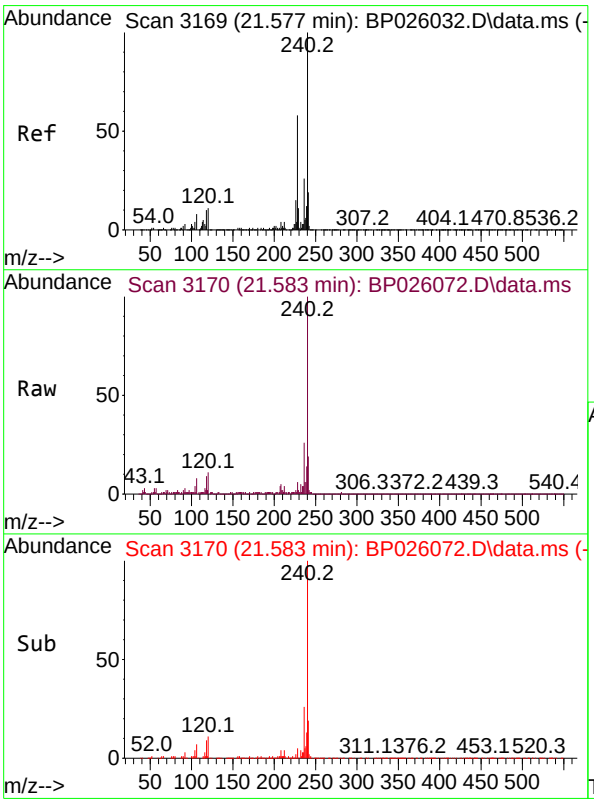
#75
Fluoranthene
Concen: 9.677 ng
RT: 19.266 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Instrument :
BNA_P
ClientSampleId :
HD-01-103125

Tgt Ion:202 Resp: 1639236

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	32.1
203	17.6	0.0	37.6

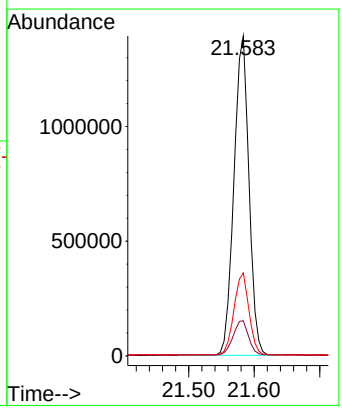


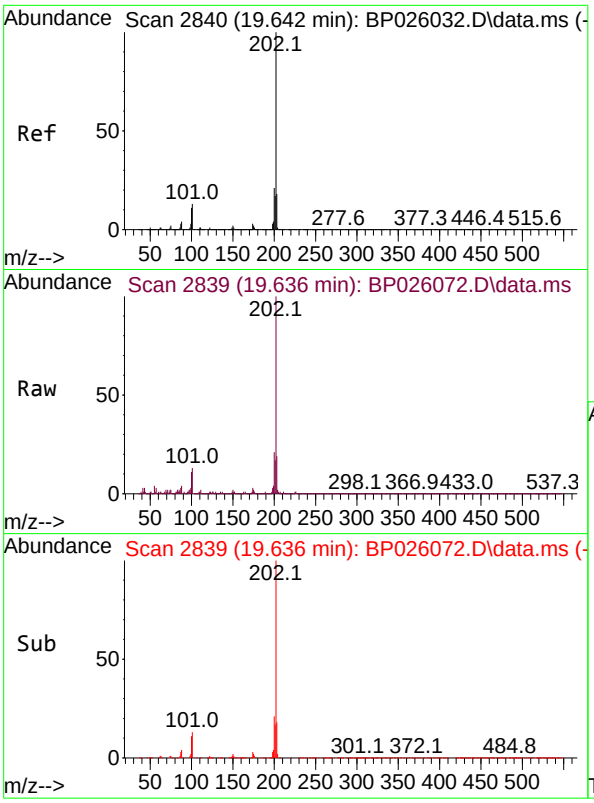


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.018 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:240 Resp: 2212498

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	26.0	20.6	31.0



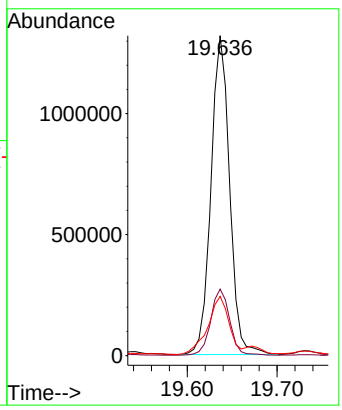


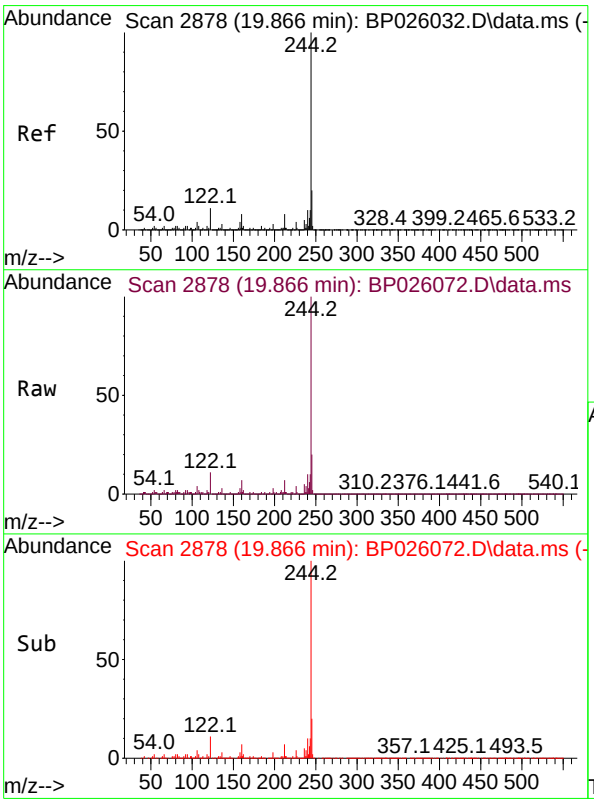
#78
Pyrene
Concen: 12.725 ng
RT: 19.636 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Instrument :
BNA_P
ClientSampleId :
HD-01-103125

Tgt Ion:202 Resp: 1904232

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	18.5	14.0	21.0

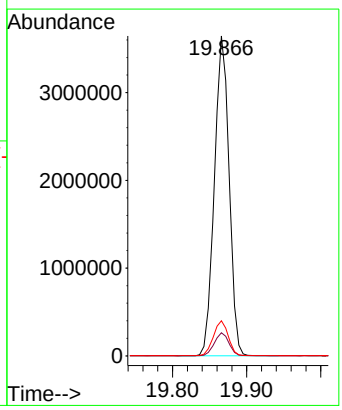


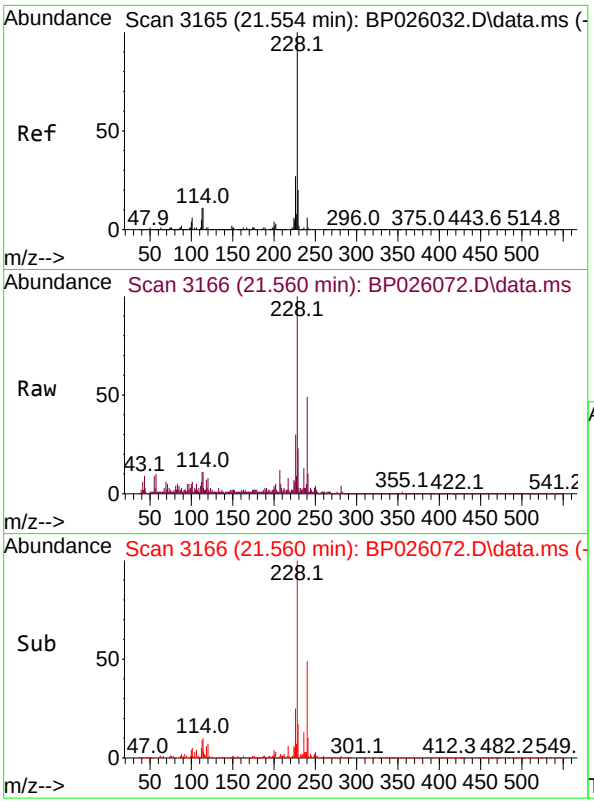


#79
Terphenyl-d14
Concen: 46.124 ng
RT: 19.866 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:244 Resp: 5022929

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.0	9.0	13.6



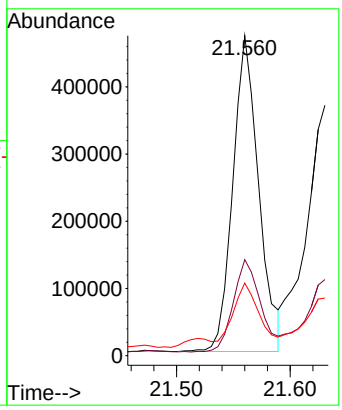


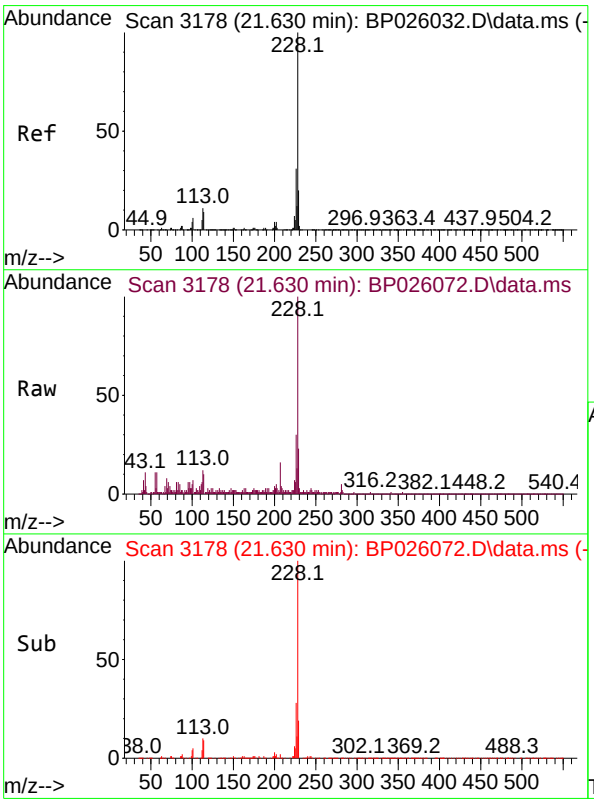
#81
Benzo(a)anthracene
Concen: 4.885 ng
RT: 21.560 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Instrument :
BNA_P
ClientSampleId :
HD-01-103125

Tgt Ion:228 Resp: 742693

Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.7	32.5
229	22.7	15.8	23.8

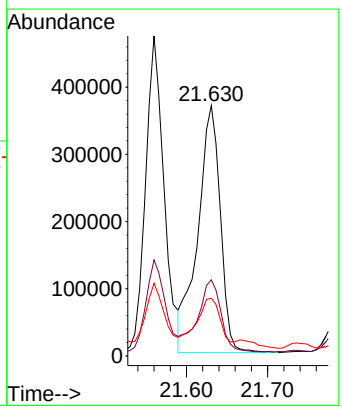


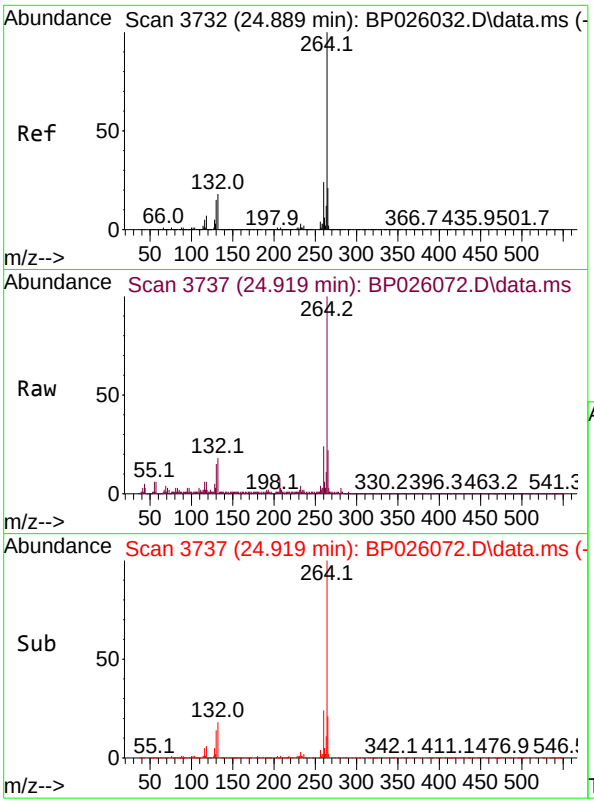


#83
Chrysene
Concen: 4.970 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.012 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:228 Resp: 715797

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	23.0	16.0	24.0



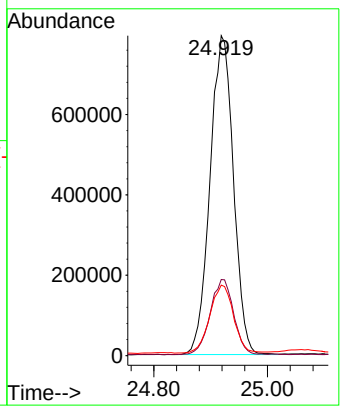


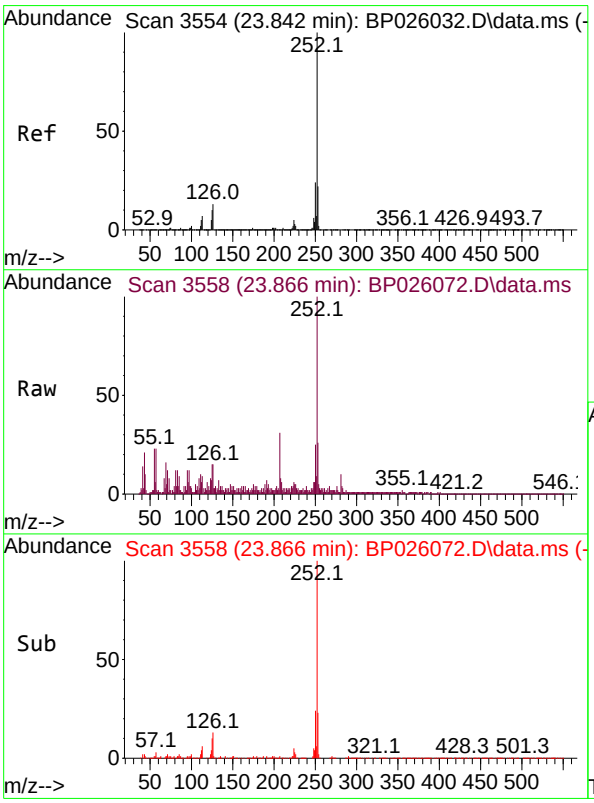
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.919 min Scan# 3
Delta R.T. 0.036 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Instrument :
BNA_P
ClientSampleId :
HD-01-103125

Tgt Ion:264 Resp: 2270404

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	22.0	17.2	25.8

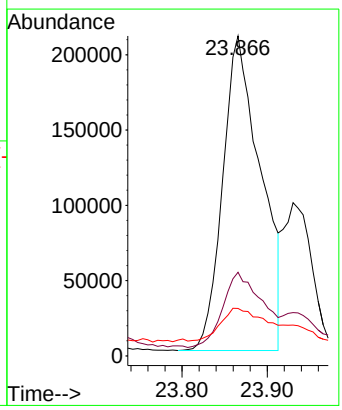


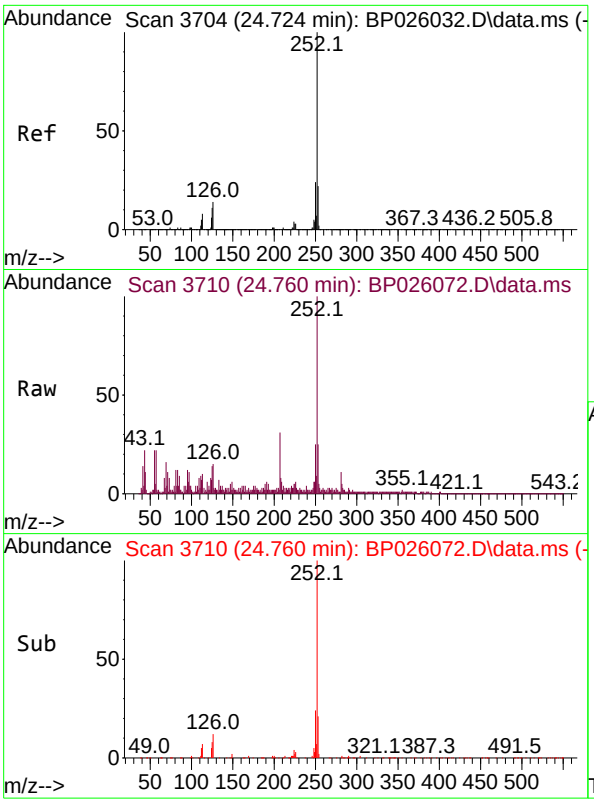


#88
Benzo(b)fluoranthene
Concen: 4.595 ng
RT: 23.866 min Scan# 3558
Delta R.T. 0.018 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:252 Resp: 647673

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.6	26.4
125	14.8	8.1	12.1#



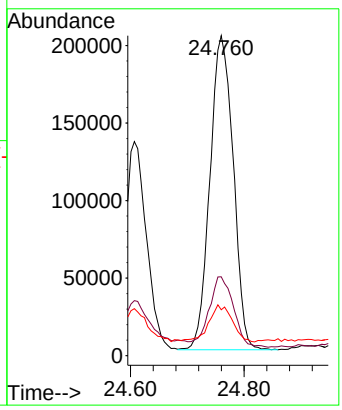


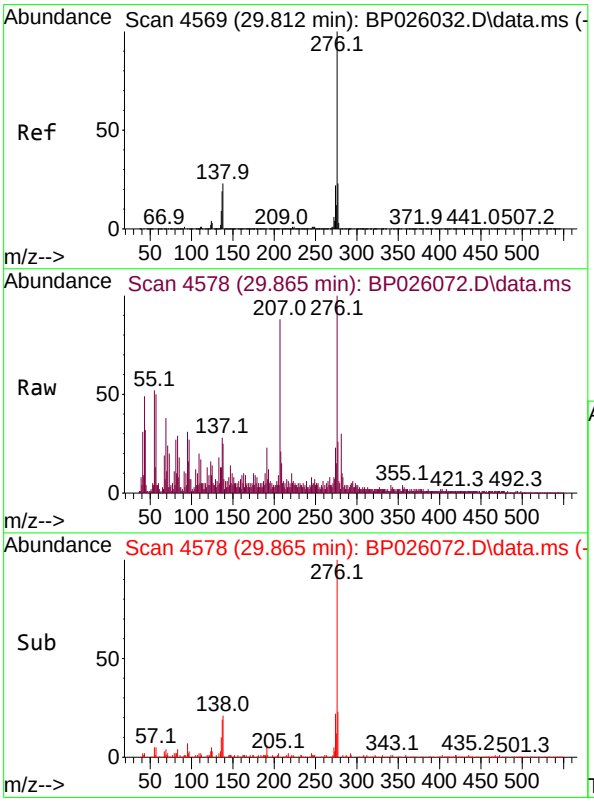
#90
Benzo(a)pyrene
Concen: 4.466 ng
RT: 24.760 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Instrument :
BNA_P
ClientSampleId :
HD-01-103125

Tgt Ion:252 Resp: 578269

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.3	25.9
125	14.3	9.1	13.7#





#92
Benzo(g,h,i)perylene
Concen: 2.488 ng
RT: 29.865 min Scan# 4578
Delta R.T. 0.036 min
Lab File: BP026072.D
Acq: 04 Nov 2025 15:53

Tgt Ion:276 Resp: 326591

Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.5	27.7
138	24.5	18.1	27.1