Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100725\
Data File : BP025949.D
Acq On : 07 Oct 2025 19:21
Operator : RC/JU
Sample : Q3294-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-02-10062025

Quant Time: Oct 08 01:22:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 19:16:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	215959	20.000	ng	-0.02
21) Naphthalene-d8	10.496	136	820832	20.000	ng	-0.03
39) Acenaphthene-d10	14.348	164	494408	20.000	ng	-0.03
64) Phenanthrene-d10	17.142	188	826130	20.000	ng	-0.04
76) Chrysene-d12	21.583	240	850396	20.000	ng	-0.06
86) Perylene-d12	24.942	264	987752	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	90502	6.762	ng	0.00
7) Phenol-d6	6.972	99	88926	4.999	ng	0.02
23) Nitrobenzene-d5	8.902	82	63488	3.412	ng	0.00
42) 2,4,6-Tribromophenol	15.884	330	36262	5.880	ng	-0.02
45) 2-Fluorobiphenyl	12.966	172	164408	4.428	ng	-0.02
79) Terphenyl-d14	19.860	244	252309	5.338	ng	-0.05
Target Compounds						Qvalue
54) 2,4-Dinitrophenol	14.513	184	74	4.838	ng	# 1
56) 4-Nitrophenol	14.584	139	384	4.532	ng	# 45
71) Phenanthrene	17.189	178	283521	6.050	ng	98
75) Fluoranthene	19.272	202	479540	8.532	ng	99
78) Pyrene	19.648	202	460616	8.118	ng	98
81) Benzo(a)anthracene	21.566	228	276475	4.749	ng	96
83) Chrysene	21.630	228	258765	4.663	ng	97
87) Indeno(1,2,3-cd)pyrene	28.759	276	171903	2.393	ng	# 82
88) Benzo(b)fluoranthene	23.877	252	357763	5.923	ng	99
89) Benzo(k)fluoranthene	23.877	252	357763	5.804	ng	99
90) Benzo(a)pyrene	24.777	252	254900	4.309	ng	94
92) Benzo(g,h,i)perylene	29.942	276	170619	2.951	ng	99

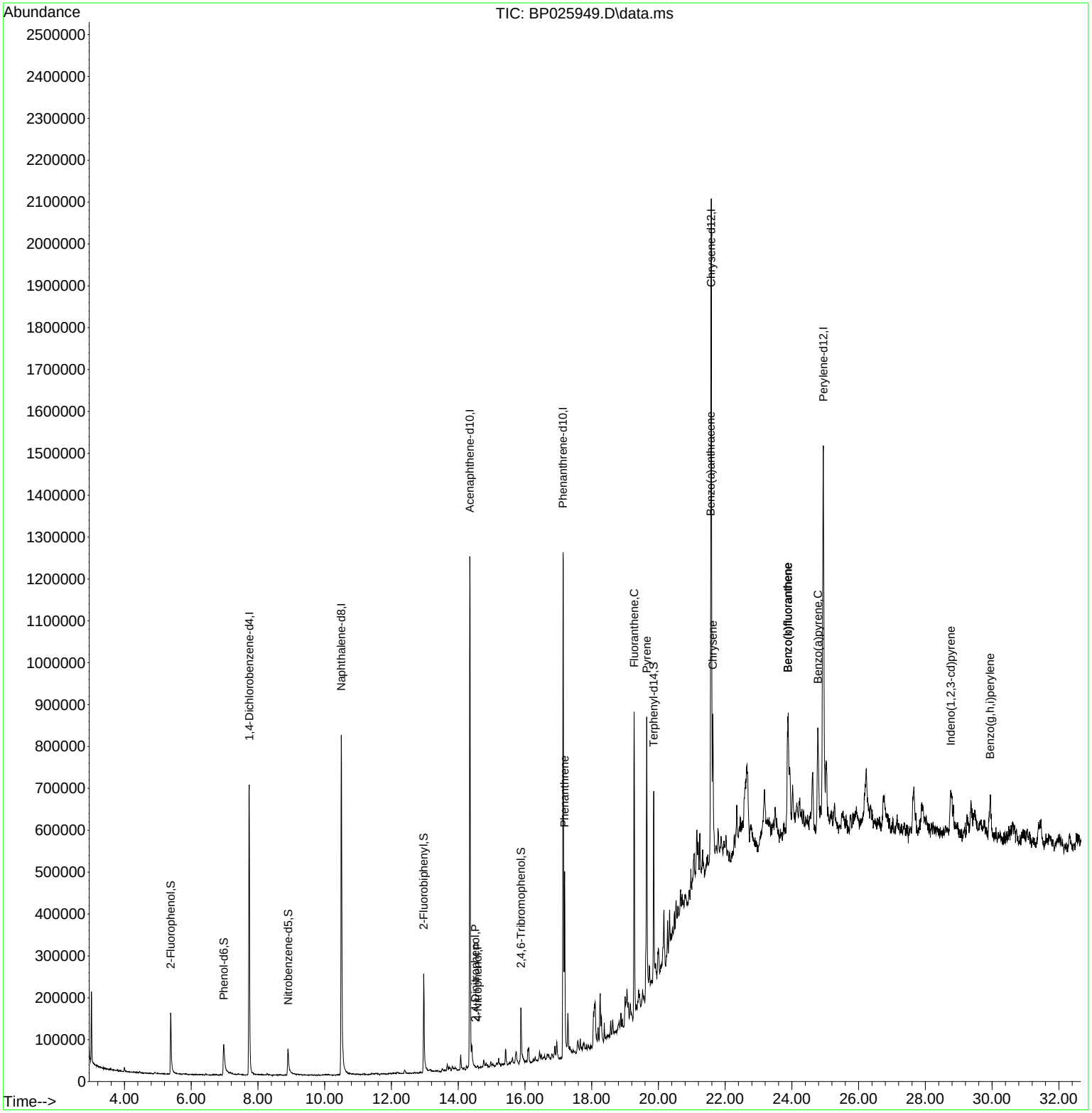
(#) = qualifier out of range (m) = manual integration (+) = signals summed

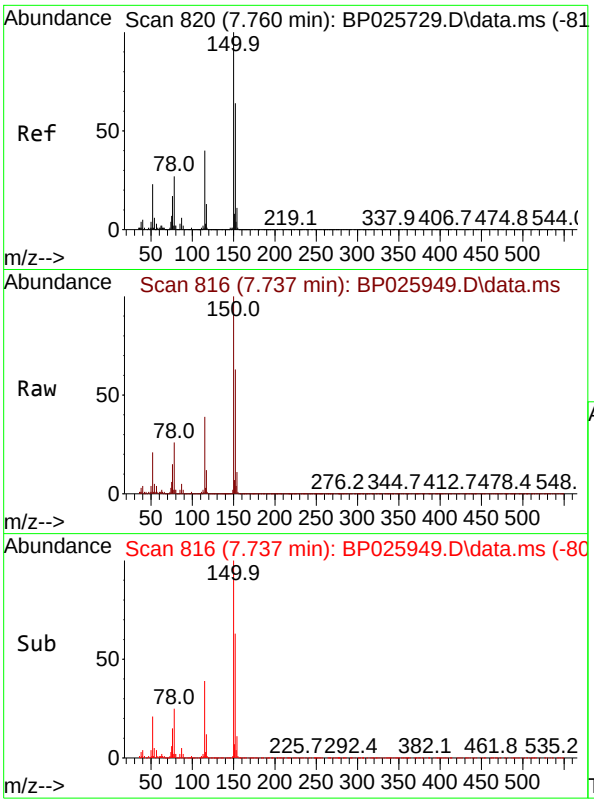
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100725\
Data File : BP025949.D
Acq On : 07 Oct 2025 19:21
Operator : RC/JU
Sample : Q3294-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-02-10062025

Quant Time: Oct 08 01:22:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 19:16:54 2025
Response via : Initial Calibration



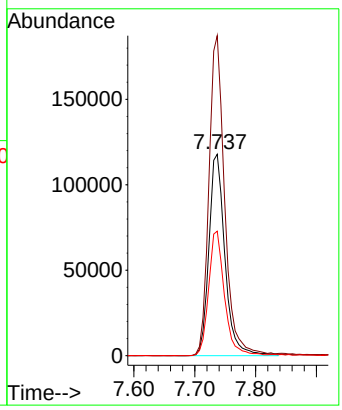


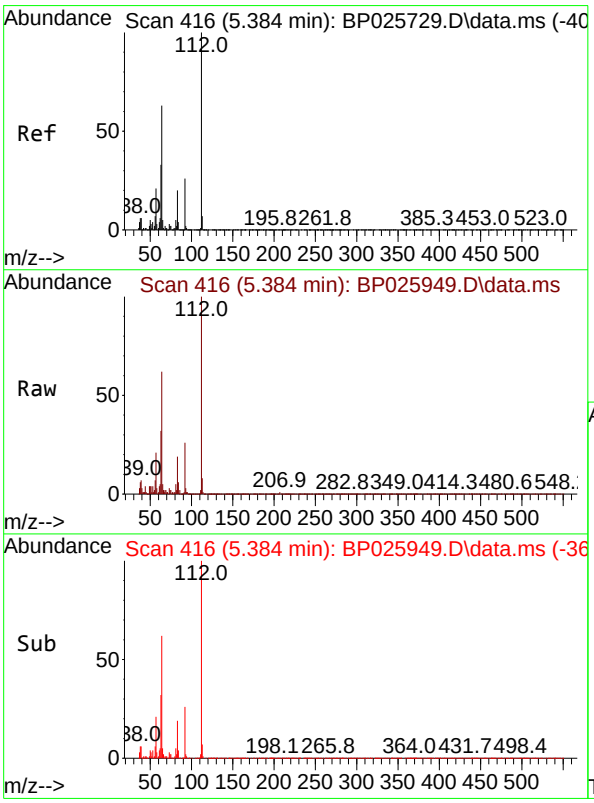
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.737 min Scan# 8
Delta R.T. -0.023 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Instrument :
BNA_P
ClientSampleId :
HD-02-10062025

Tgt Ion:152 Resp: 215959

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.3	186.5
115	61.8	50.3	75.5

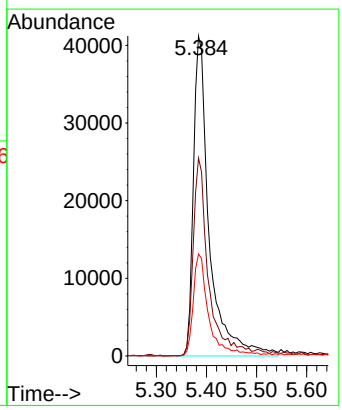


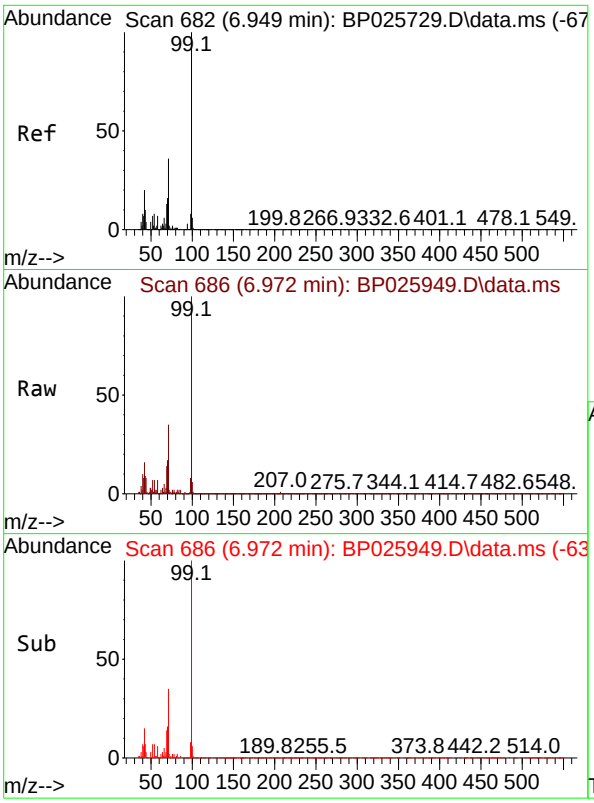


#5
2-Fluorophenol
Concen: 6.762 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Tgt Ion:112 Resp: 90502

Ion	Ratio	Lower	Upper
112	100		
64	61.9	50.2	75.4
63	31.8	26.7	40.1



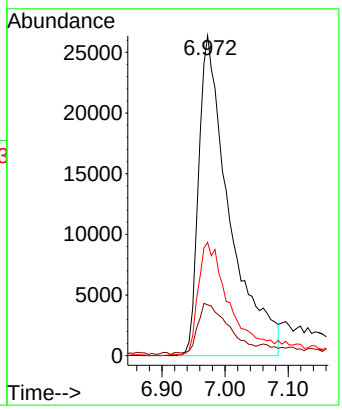


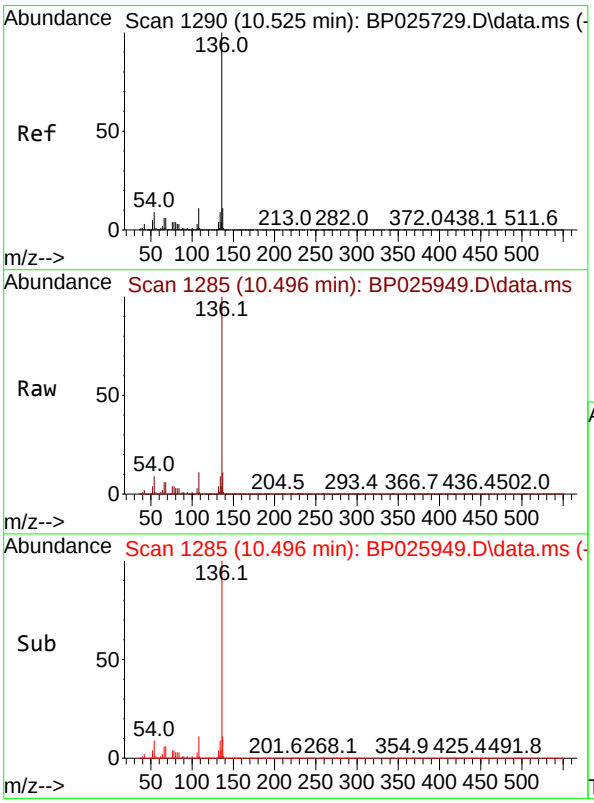
#7
Phenol-d6
Concen: 4.999 ng
RT: 6.972 min Scan# 6
Delta R.T. 0.024 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Instrument :
BNA_P
ClientSampleId :
HD-02-10062025

Tgt Ion: 99 Resp: 88926

Ion	Ratio	Lower	Upper
99	100		
42	15.9	15.6	23.4
71	35.4	28.6	43.0

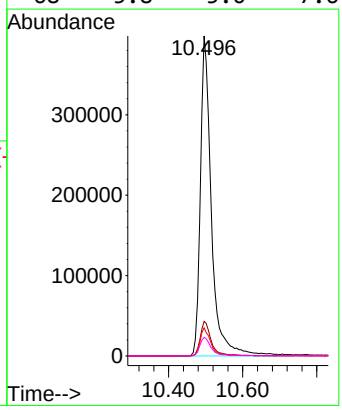


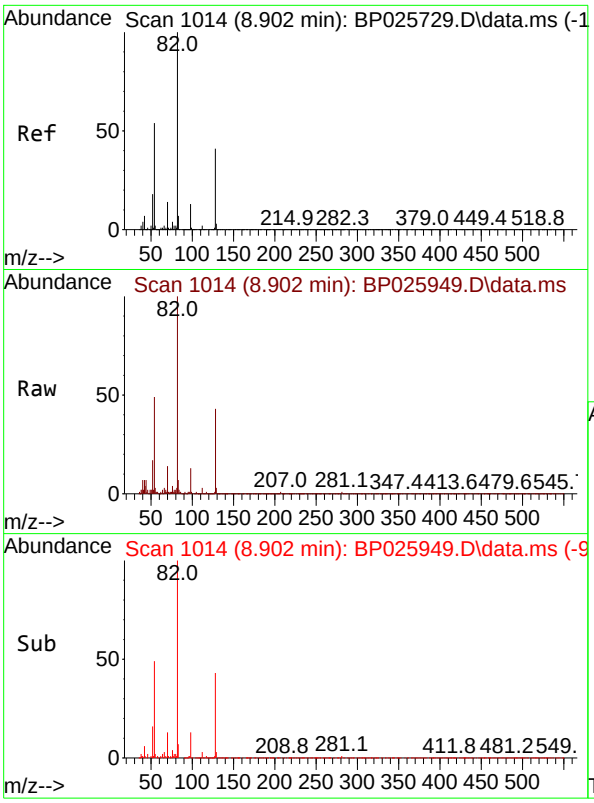


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.496 min Scan# 1285
Delta R.T. -0.029 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Tgt Ion:136 Resp: 820832

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.8	7.5	11.3
68	5.8	5.0	7.6



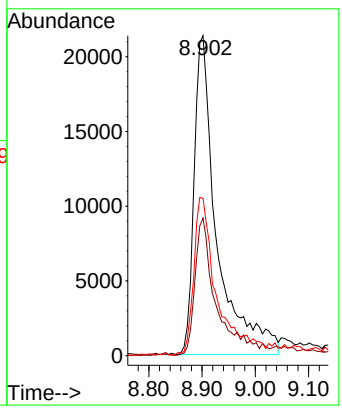


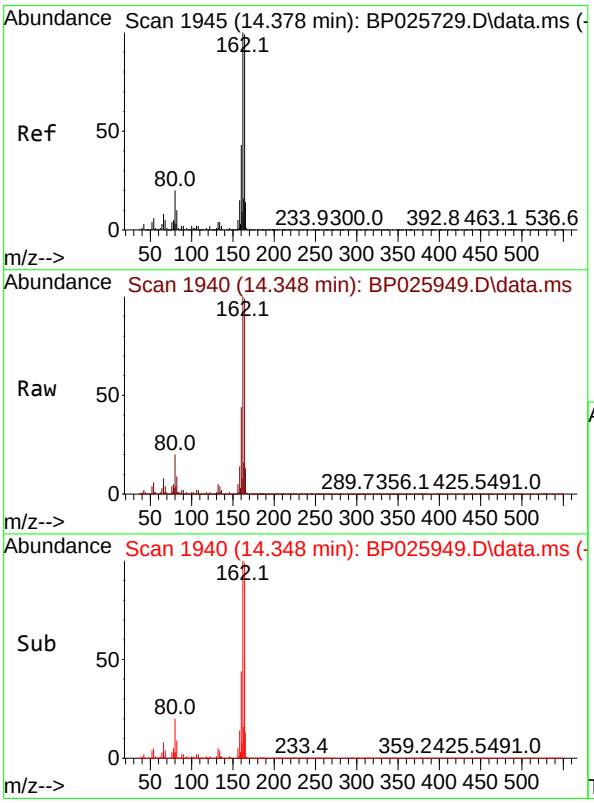
#23
Nitrobenzene-d5
Concen: 3.412 ng
RT: 8.902 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Instrument :
BNA_P
ClientSampleId :
HD-02-10062025

Tgt Ion: 82 Resp: 63488

Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.9	49.3
54	49.2	43.4	65.2

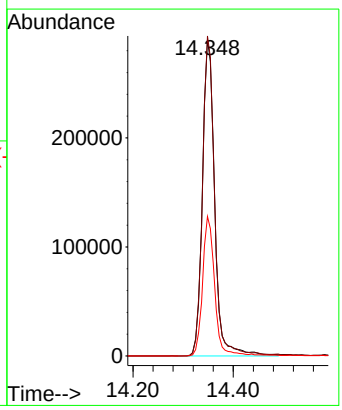


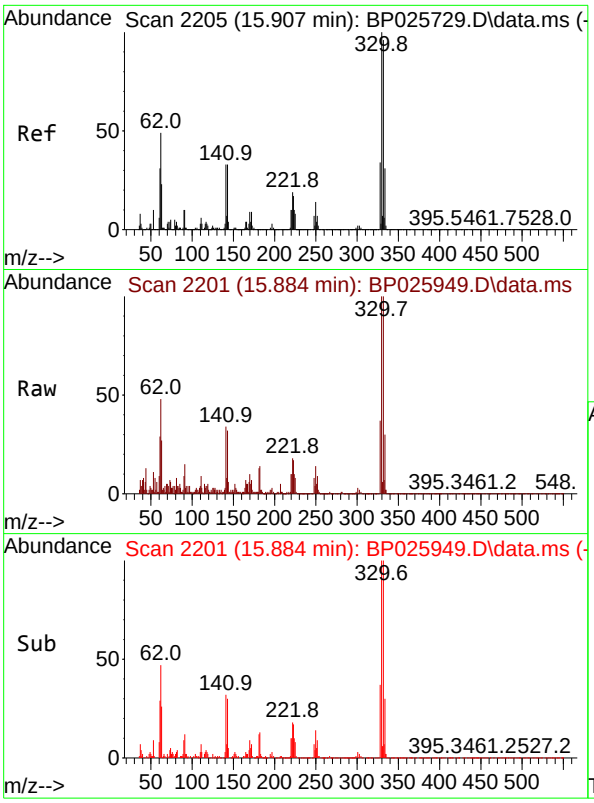


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.348 min Scan# 1940
Delta R.T. -0.029 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Tgt Ion:164 Resp: 494408

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	44.1	35.0	52.6



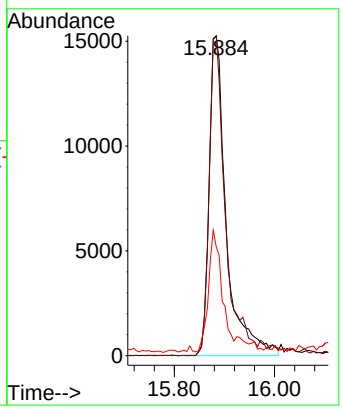


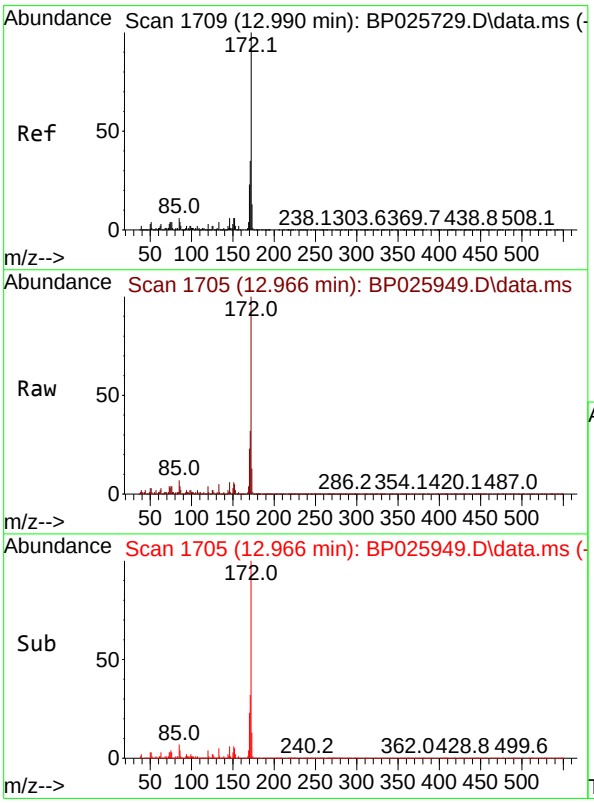
#42
2,4,6-Tribromophenol
Concen: 5.880 ng
RT: 15.884 min Scan# 2
Delta R.T. -0.023 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Instrument :
BNA_P
ClientSampleId :
HD-02-10062025

Tgt Ion:330 Resp: 36262

Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.9	115.3
141	29.9	31.0	46.4#

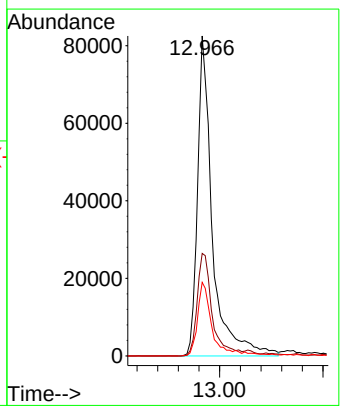


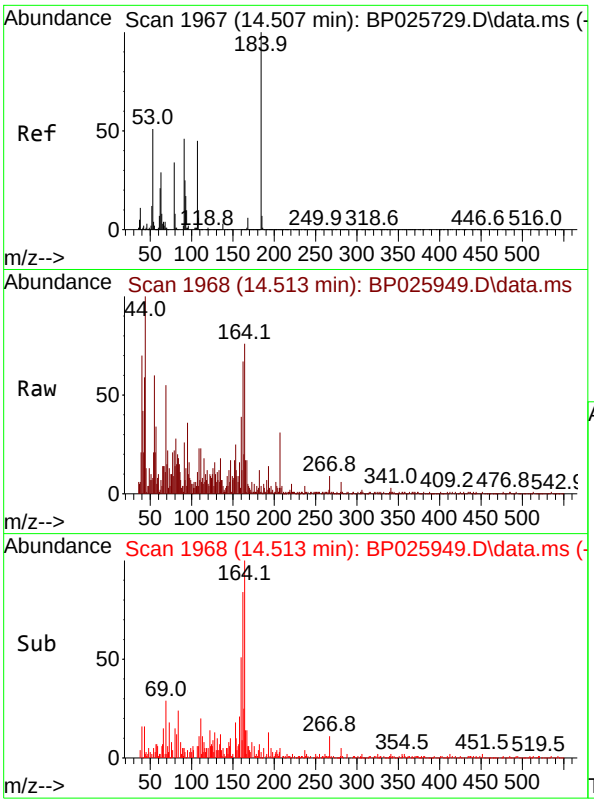


#45
2-Fluorobiphenyl
Concen: 4.428 ng
RT: 12.966 min Scan# 1705
Delta R.T. -0.023 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Tgt Ion:172 Resp: 164408

Ion	Ratio	Lower	Upper
172	100		
171	32.0	27.8	41.6
170	23.0	18.6	27.8



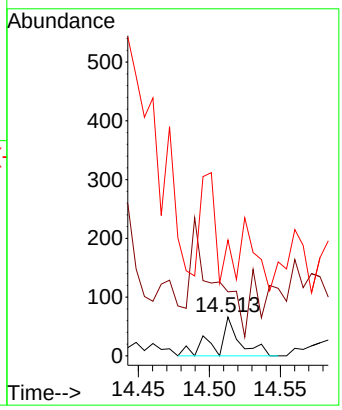


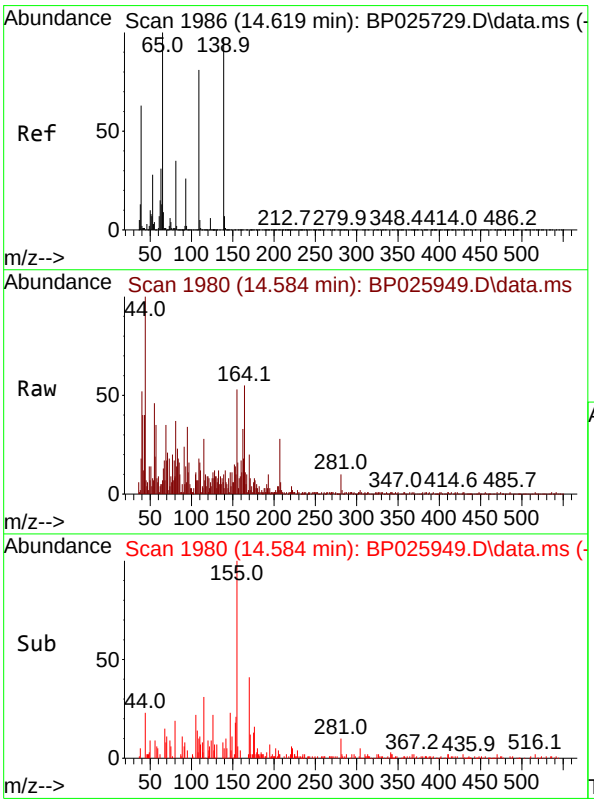
#54
2,4-Dinitrophenol
Concen: 4.838 ng
RT: 14.513 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Instrument :
BNA_P
ClientSampleId :
HD-02-10062025

Tgt Ion:184 Resp: 74

Ion	Ratio	Lower	Upper
184	100		
63	165.2	52.5	78.7#
154	298.5	51.5	77.3#

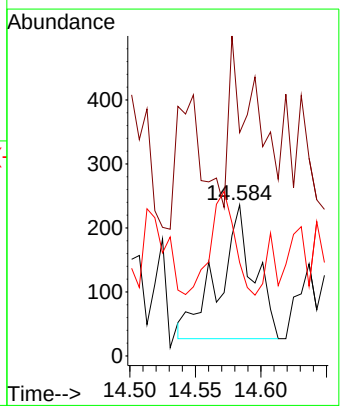


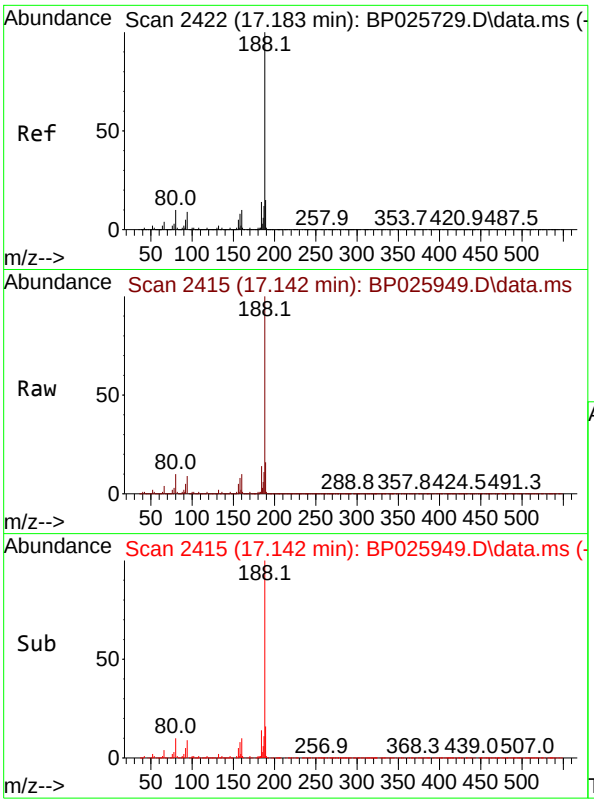


#56
4-Nitrophenol
Concen: 4.532 ng
RT: 14.584 min Scan# 1980
Delta R.T. -0.035 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Tgt Ion:139 Resp: 384

Ion	Ratio	Lower	Upper
139	100		
109	147.9	62.9	102.9#
65	61.9	83.4	123.4#



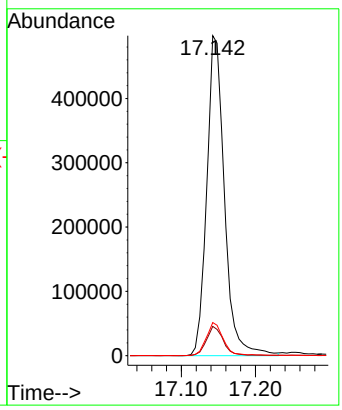


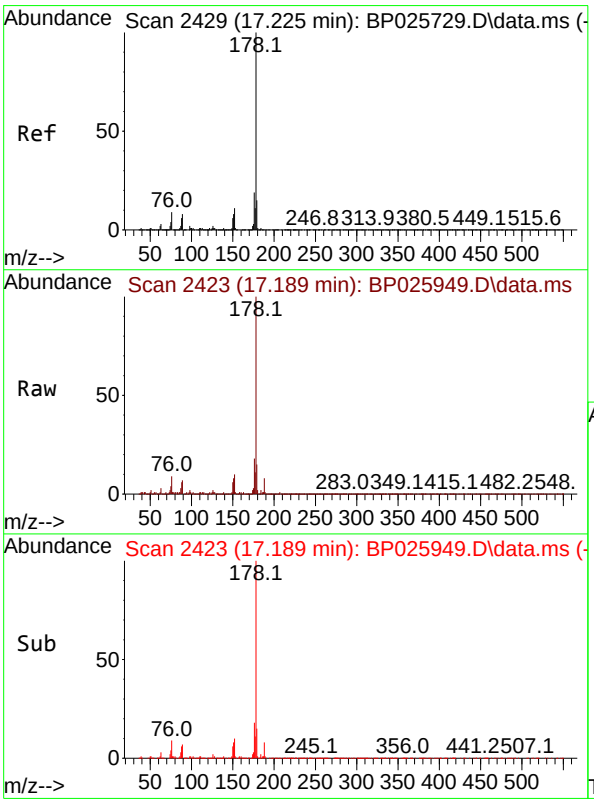
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.142 min Scan# 24
Delta R.T. -0.041 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Instrument :
BNA_P
ClientSampleId :
HD-02-10062025

Tgt Ion:188 Resp: 826130

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.0
80	10.4	7.7	11.5

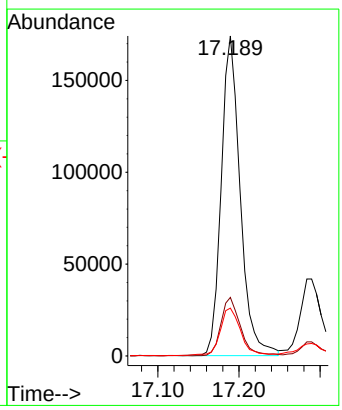


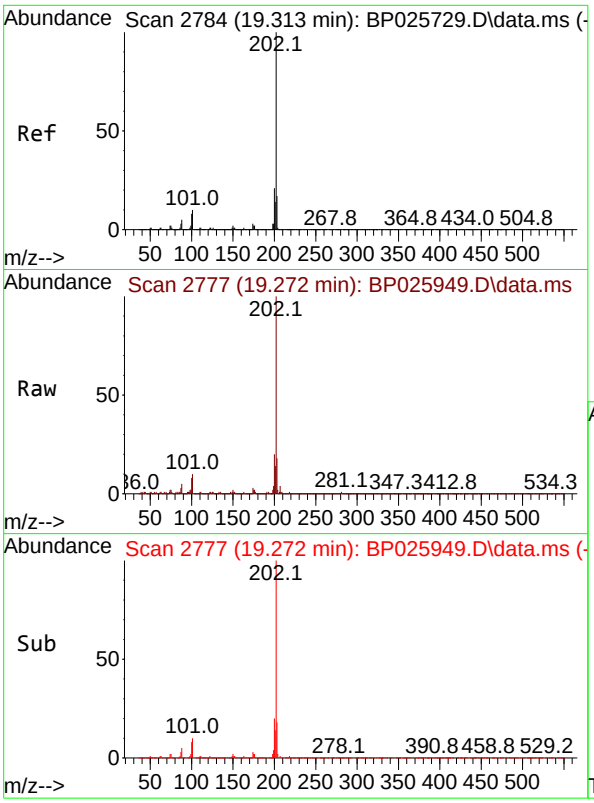


#71
Phenanthrene
Concen: 6.050 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.035 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Tgt Ion:178 Resp: 283521

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	14.9	12.2	18.4



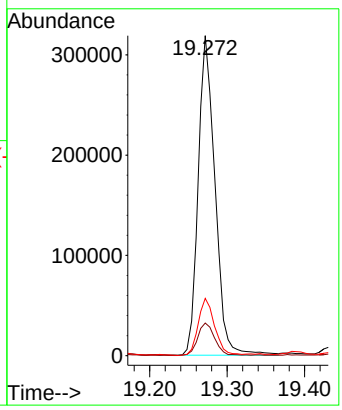


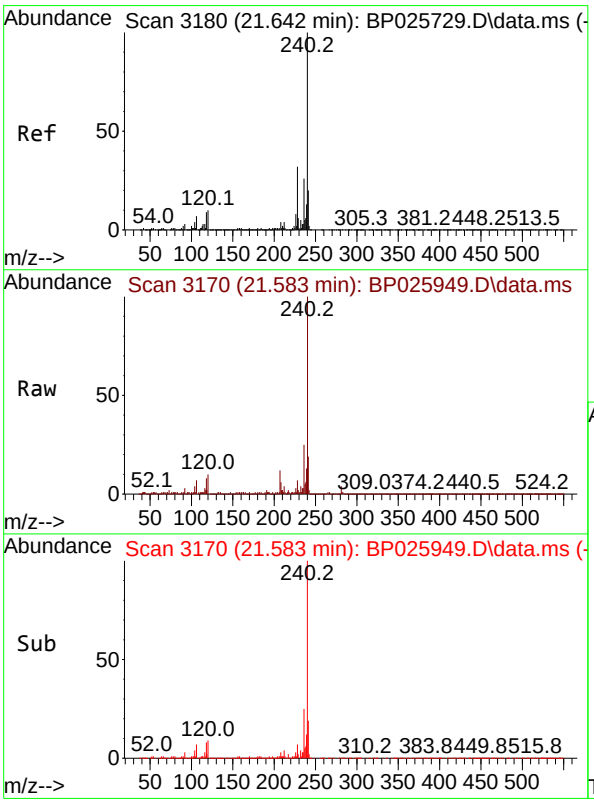
#75
Fluoranthene
Concen: 8.532 ng
RT: 19.272 min Scan# 2
Delta R.T. -0.041 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Instrument :
BNA_P
ClientSampleId :
HD-02-10062025

Tgt Ion:202 Resp: 479540

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.4
203	17.9	0.0	37.4

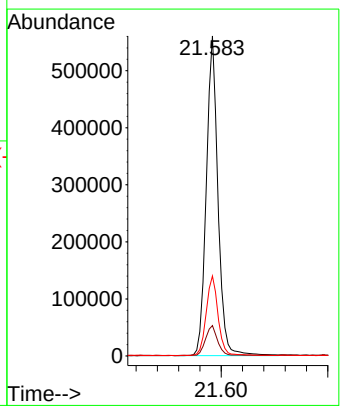


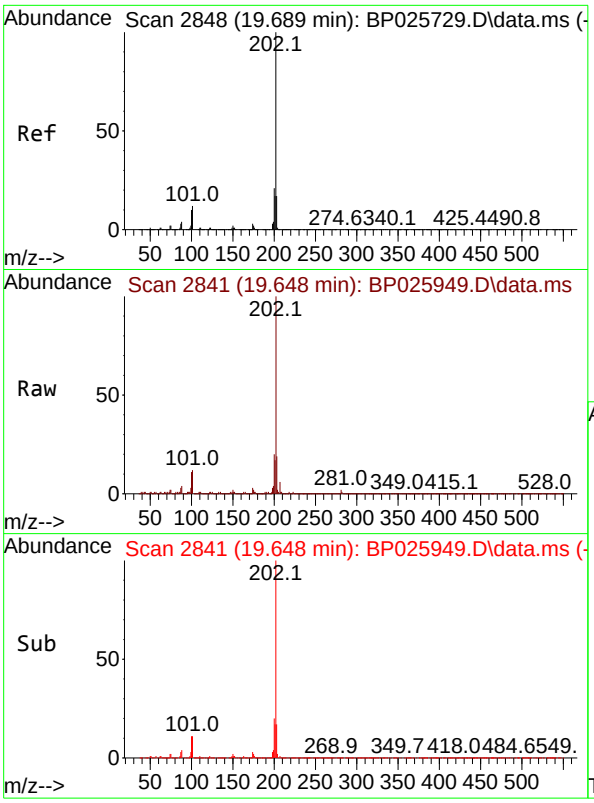


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. -0.059 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Tgt Ion:240 Resp: 850396

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.0	12.0
236	25.0	20.7	31.1



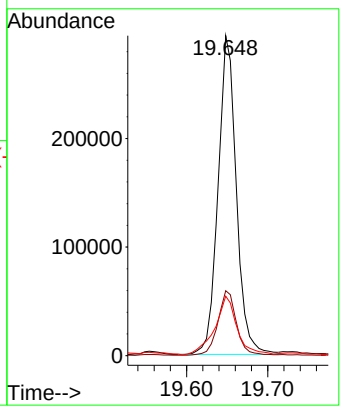


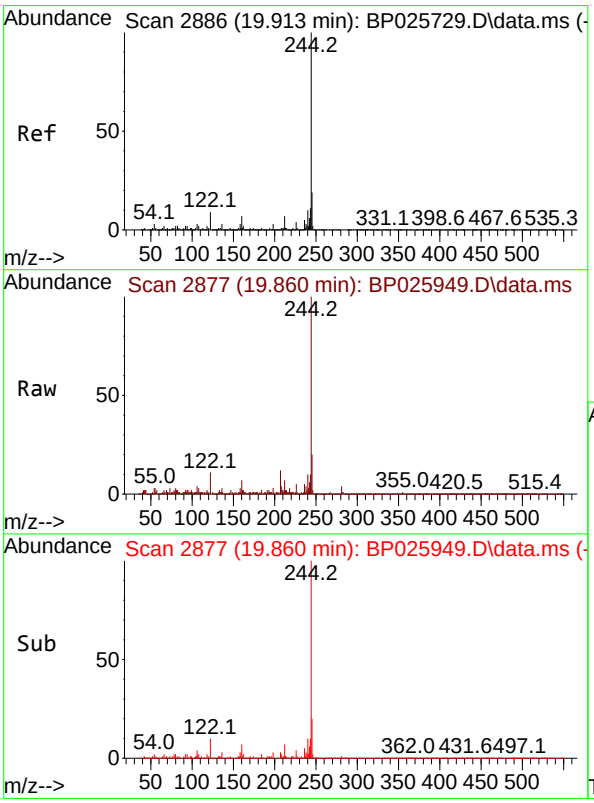
#78
Pyrene
Concen: 8.118 ng
RT: 19.648 min Scan# 2
Delta R.T. -0.041 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Instrument :
BNA_P
ClientSampleId :
HD-02-10062025

Tgt Ion:202 Resp: 460616

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.0	25.6
203	18.6	13.9	20.9

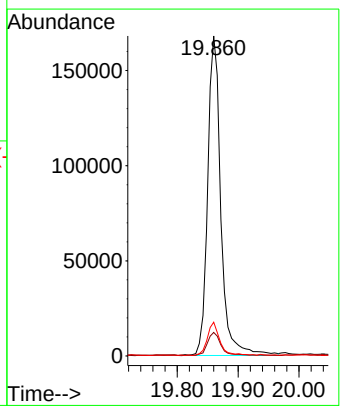


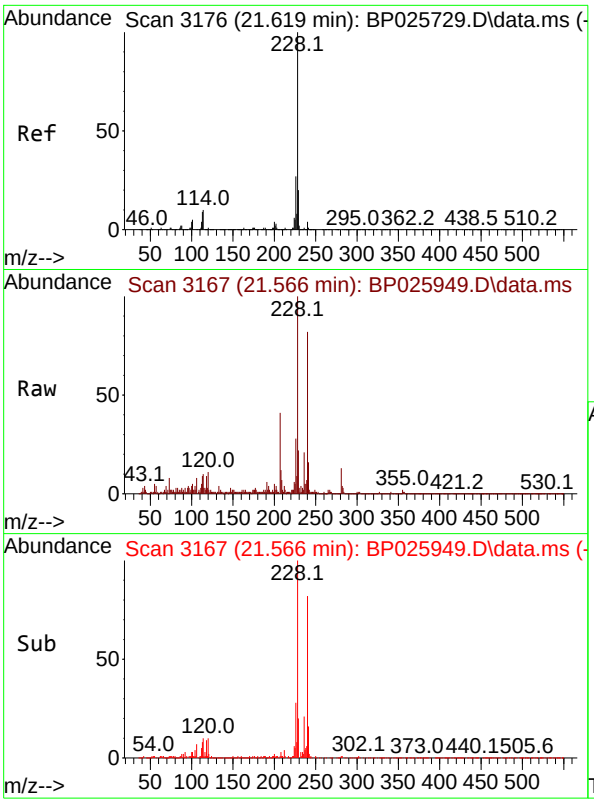


#79
Terphenyl-d14
Concen: 5.338 ng
RT: 19.860 min Scan# 2877
Delta R.T. -0.053 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Tgt Ion:244 Resp: 252309

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	10.6	7.1	10.7



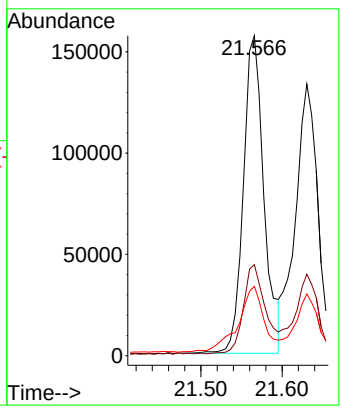


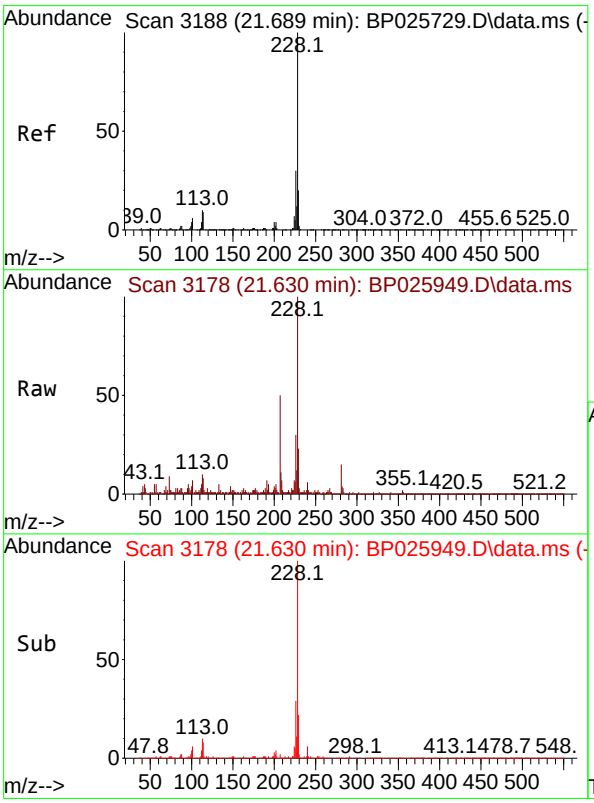
#81
Benzo(a)anthracene
Concen: 4.749 ng
RT: 21.566 min Scan# 3
Delta R.T. -0.053 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Instrument :
BNA_P
ClientSampleId :
HD-02-10062025

Tgt Ion:228 Resp: 276475

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.6	32.4
229	21.7	15.7	23.5

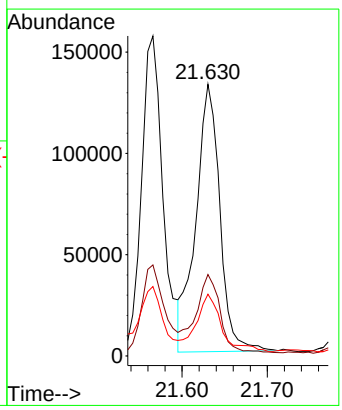


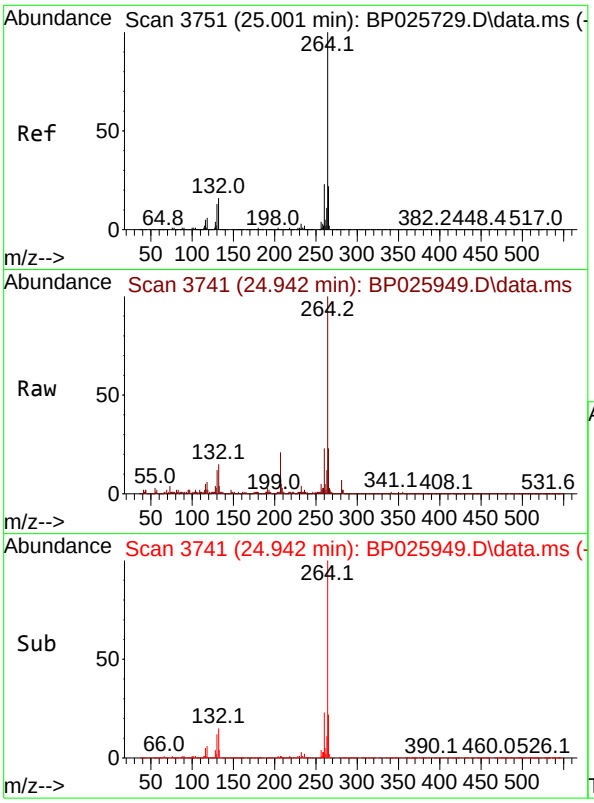


#83
Chrysene
Concen: 4.663 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.059 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Tgt Ion:228 Resp: 258765

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	22.7	15.6	23.4



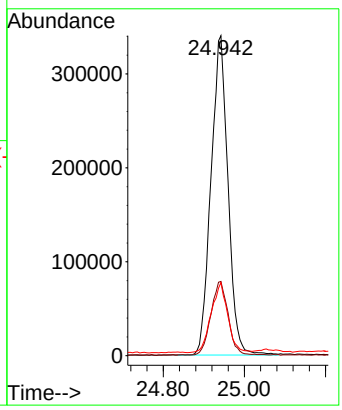


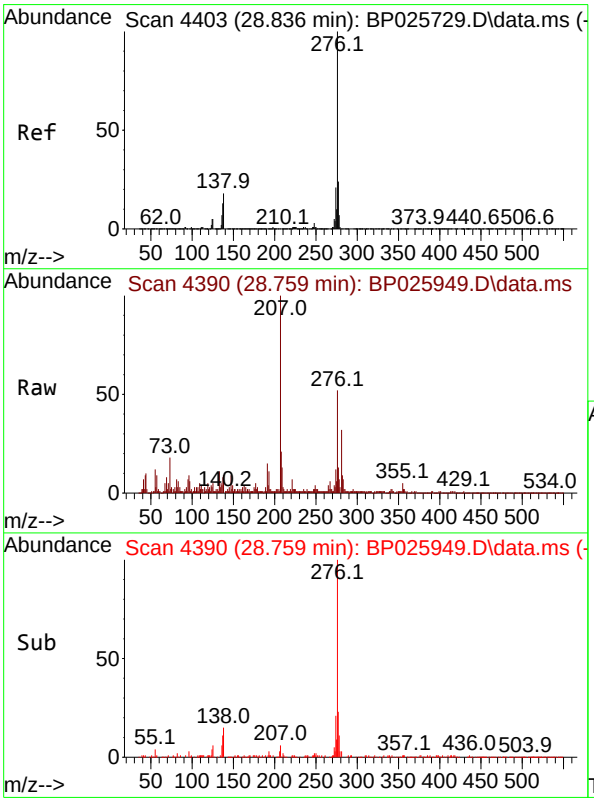
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.942 min Scan# 3
Delta R.T. -0.059 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Instrument :
BNA_P
ClientSampleId :
HD-02-10062025

Tgt Ion:264 Resp: 987752

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	22.8	17.3	25.9

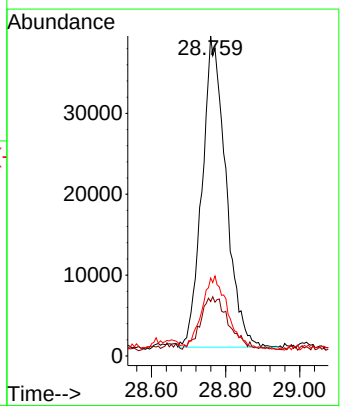


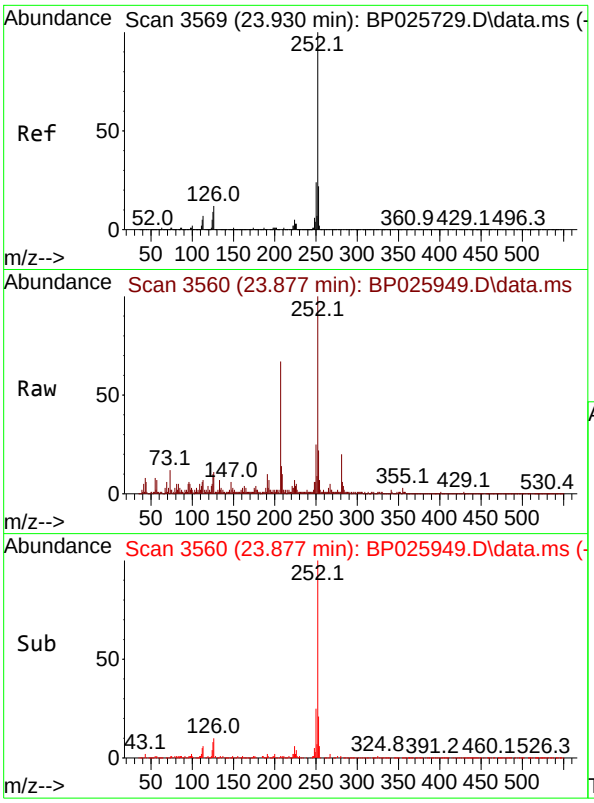


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.393 ng
RT: 28.759 min Scan# 4390
Delta R.T. -0.076 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Tgt Ion:276 Resp: 171903

Ion	Ratio	Lower	Upper
276	100		
138	19.6	13.4	20.2
277	25.1	9.1	13.7#



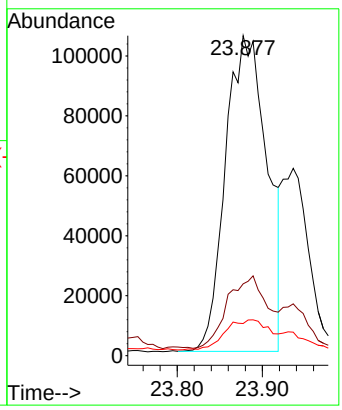


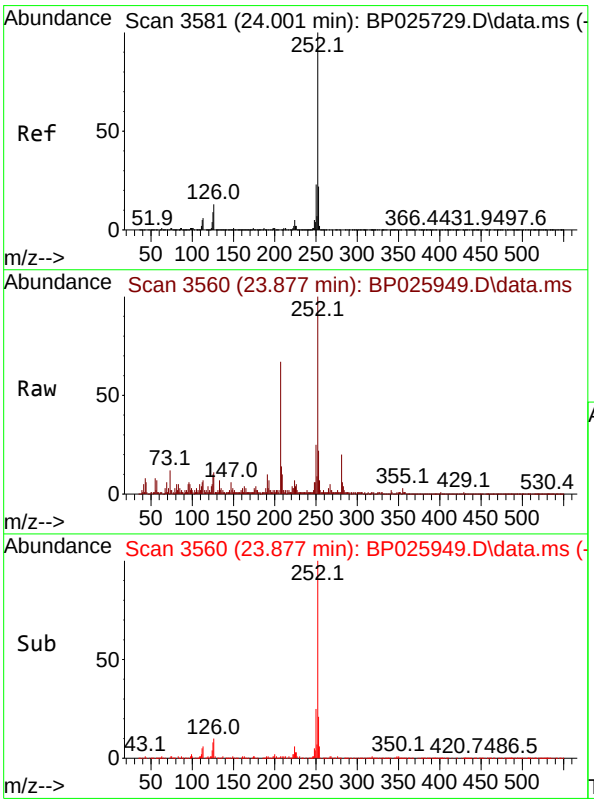
#88
Benzo(b)fluoranthene
Concen: 5.923 ng
RT: 23.877 min Scan# 3
Delta R.T. -0.053 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Instrument :
BNA_P
ClientSampleId :
HD-02-10062025

Tgt Ion:252 Resp: 357763

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	10.0	7.3	10.9

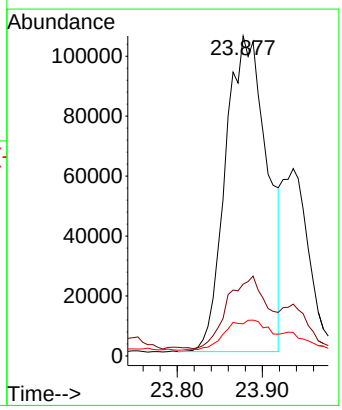


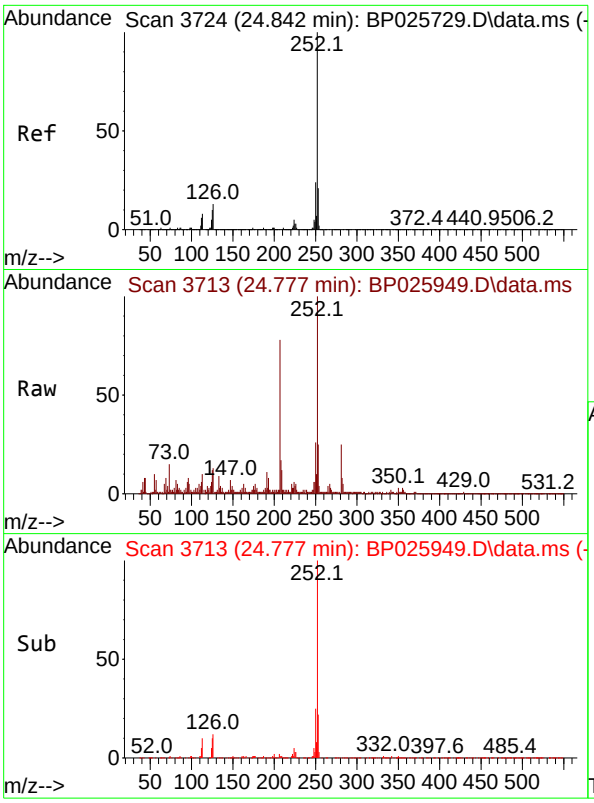


#89
Benzo(k)fluoranthene
Concen: 5.804 ng
RT: 23.877 min Scan# 3560
Delta R.T. -0.123 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Tgt Ion:252 Resp: 357763

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	10.0	7.5	11.3



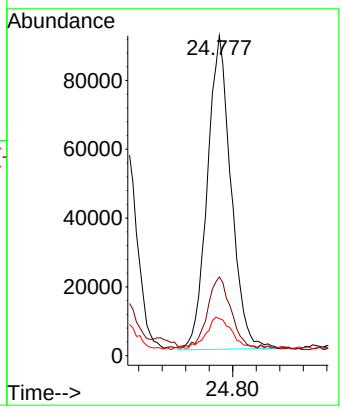


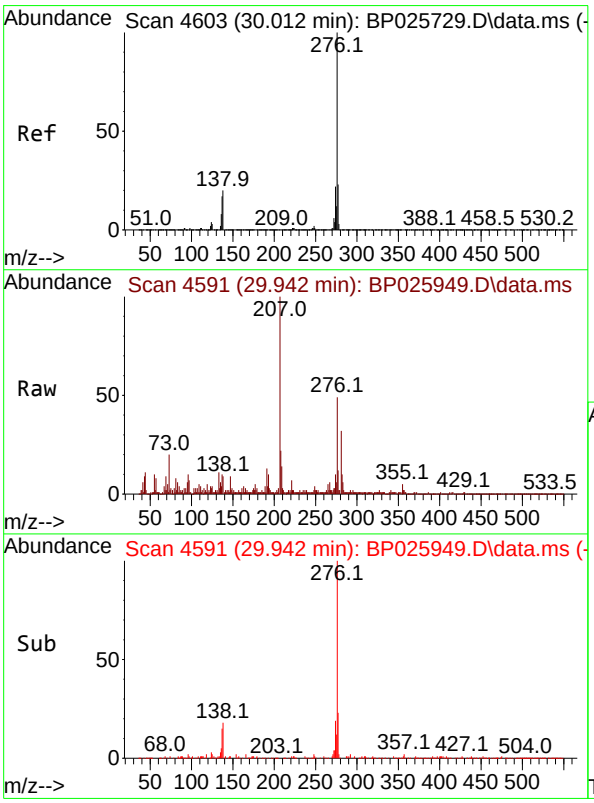
#90
Benzo(a)pyrene
Concen: 4.309 ng
RT: 24.777 min Scan# 3
Delta R.T. -0.065 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Instrument :
BNA_P
ClientSampleId :
HD-02-10062025

Tgt Ion:252 Resp: 254900

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.2	25.8
125	11.6	8.3	12.5





#92
Benzo(g,h,i)perylene
Concen: 2.951 ng
RT: 29.942 min Scan# 4591
Delta R.T. -0.071 min
Lab File: BP025949.D
Acq: 07 Oct 2025 19:21

Tgt Ion:276 Resp: 170619

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	19.2	16.0	24.0