Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025548.D
Acq On   : 22 Aug 2025 14:13
Operator : CG/JU
Sample   : Q2832-03 5X
Misc   :
ALS Vial : 6   Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S02

Quant Time: Aug 22 14:40:25 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

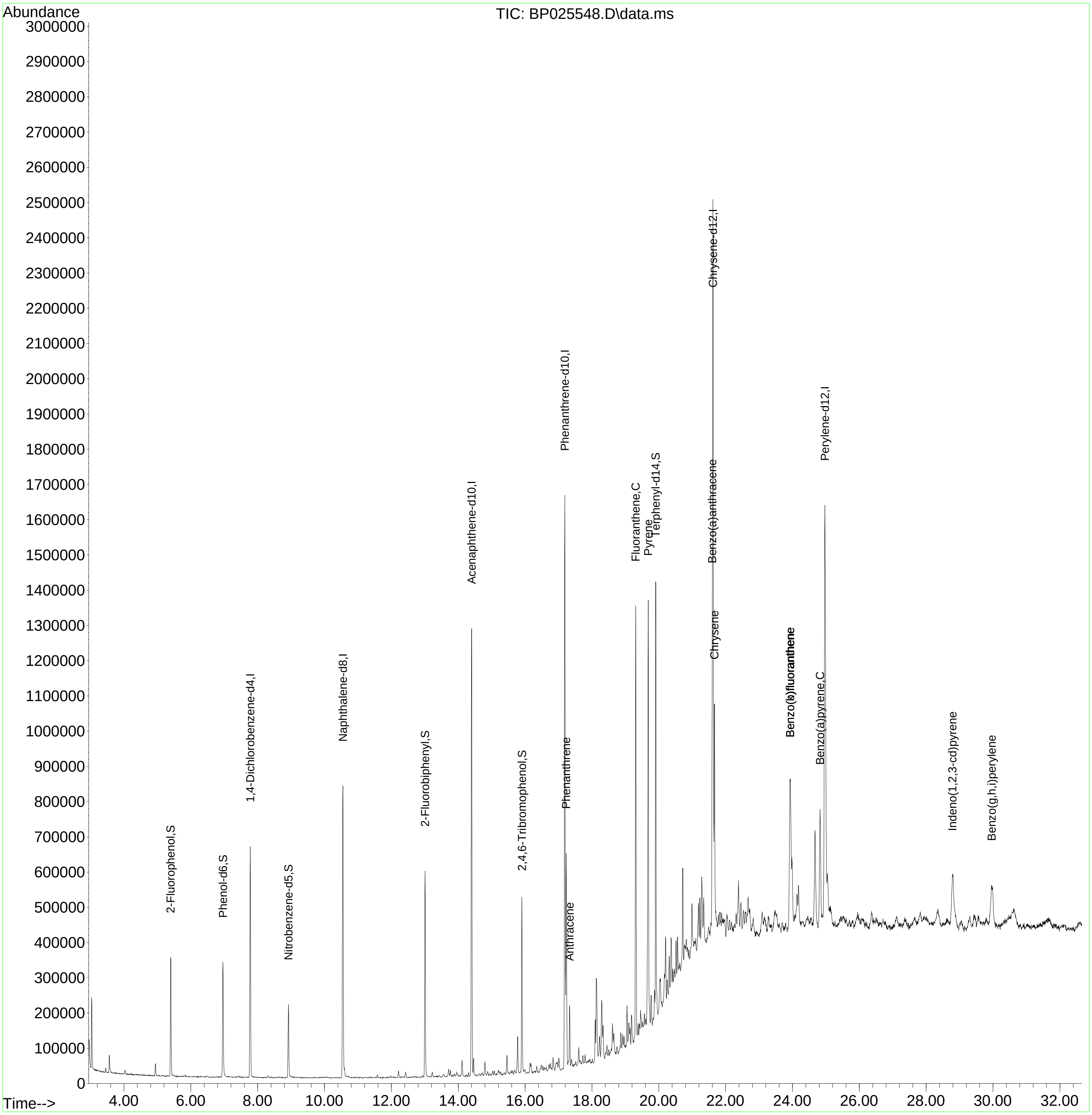
Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	182769	20.000 ng		-0.02
21) Naphthalene-d8	10.549	136	732501	20.000 ng		-0.01
39) Acenaphthene-d10	14.401	164	473220	20.000 ng		0.00
64) Phenanthrene-d10	17.190	188	960991	20.000 ng		-0.01
76) Chrysene-d12	21.619	240	1021547	20.000 ng		-0.03
86) Perylene-d12	24.971	264	1175388	20.000 ng		-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	147398	13.393 ng		-0.01
7) Phenol-d6	6.961	99	191461	13.569 ng		0.00
23) Nitrobenzene-d5	8.919	82	120560	8.326 ng		-0.02
42) 2,4,6-Tribromophenol	15.907	330	81967	12.869 ng		0.00
45) 2-Fluorobiphenyl	13.007	172	298861	8.631 ng		-0.01
79) Terphenyl-d14	19.907	244	525306	9.408 ng		-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.231	178	406127	7.693 ng		99
72) Anthracene	17.331	178	118085	2.190 ng		97
75) Fluoranthene	19.307	202	753171	11.961 ng		99
78) Pyrene	19.684	202	754315	11.361 ng		99
81) Benzo(a)anthracene	21.601	228	417814	6.202 ng		99
83) Chrysene	21.666	228	401927	6.370 ng		98
87) Indeno(1,2,3-cd)pyrene	28.783	276	247746	2.874 ng	#	92
88) Benzo(b)fluoranthene	23.930	252	495112	7.144 ng	#	97
89) Benzo(k)fluoranthene	23.930	252	495112	7.139 ng	#	96
90) Benzo(a)pyrene	24.824	252	355781	5.273 ng		96
92) Benzo(g,h,i)perylene	29.959	276	239889	3.464 ng		97

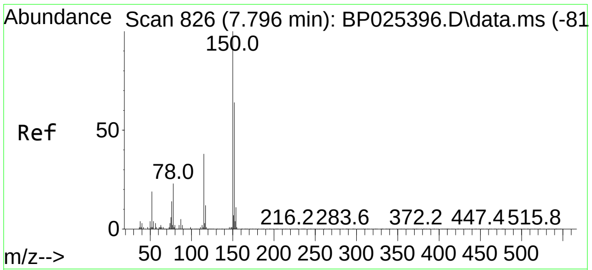
(#) = qualifier out of range (m) = manual integration (+) = signals summed

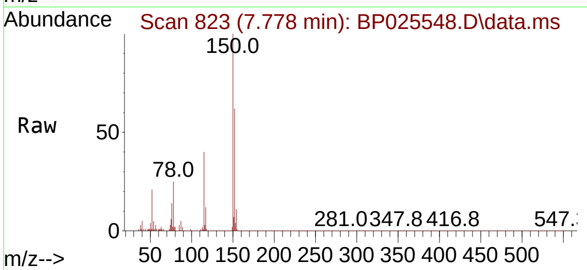
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025548.D
Acq On : 22 Aug 2025 14:13
Operator : CG/JU
Sample : Q2832-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

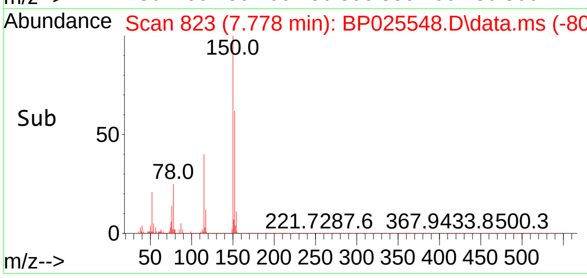
Instrument :
BNA_P
ClientSampleId :
TG-S02

Quant Time: Aug 22 14:40:25 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







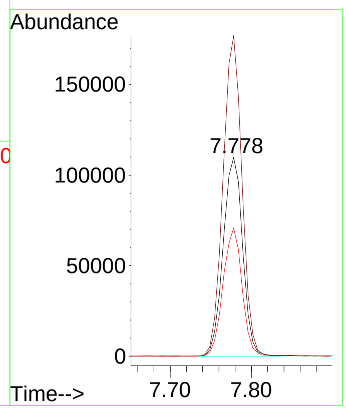


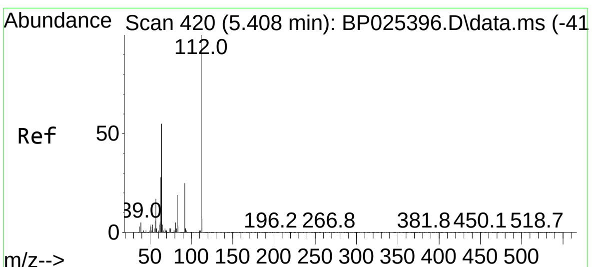
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

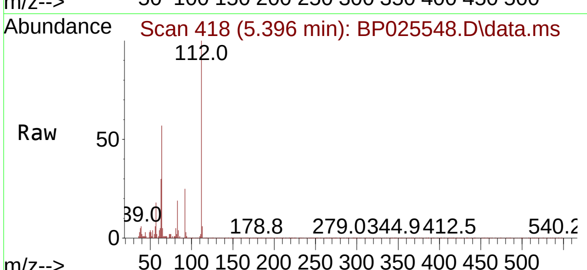
Instrument :
BNA_P
ClientSampleId :
TG-S02

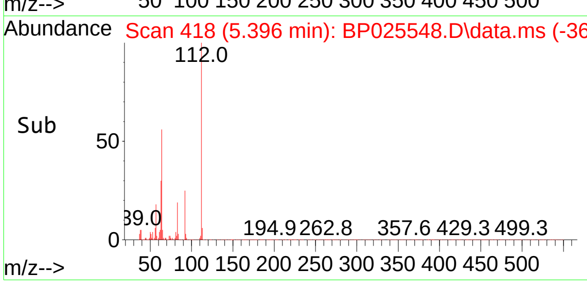
Tgt Ion:152 Resp: 182769

Ion	Ratio	Lower	Upper
152	100		
150	161.2	125.9	188.9
115	64.6	48.5	72.7





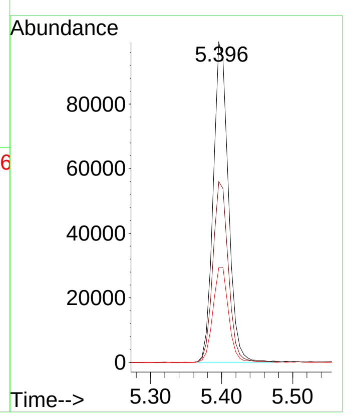


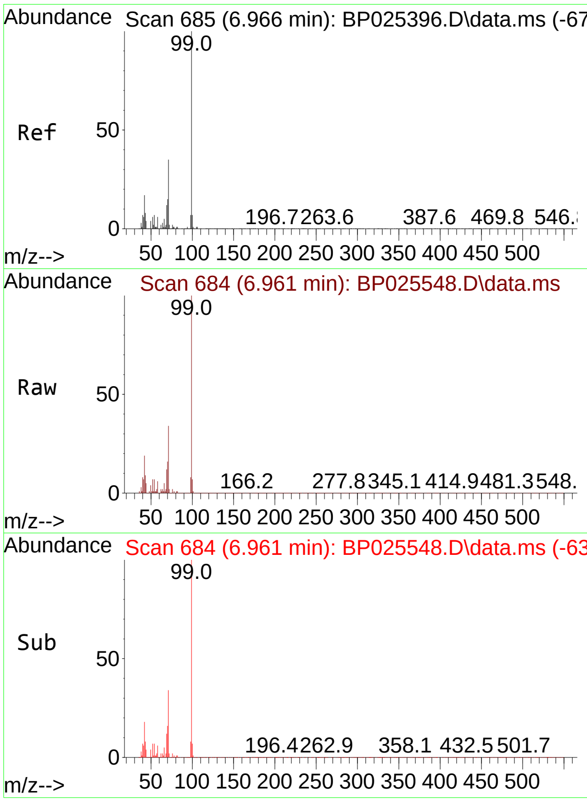


#5
2-Fluorophenol
Concen: 13.393 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

Tgt Ion:112 Resp: 147398

Ion	Ratio	Lower	Upper
112	100		
64	56.5	43.8	65.8
63	29.6	22.7	34.1



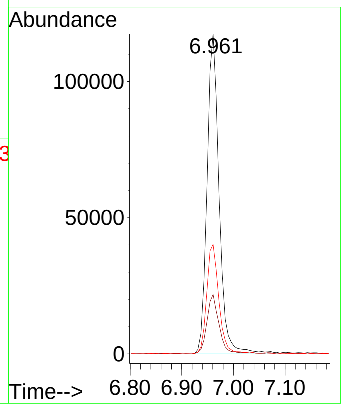


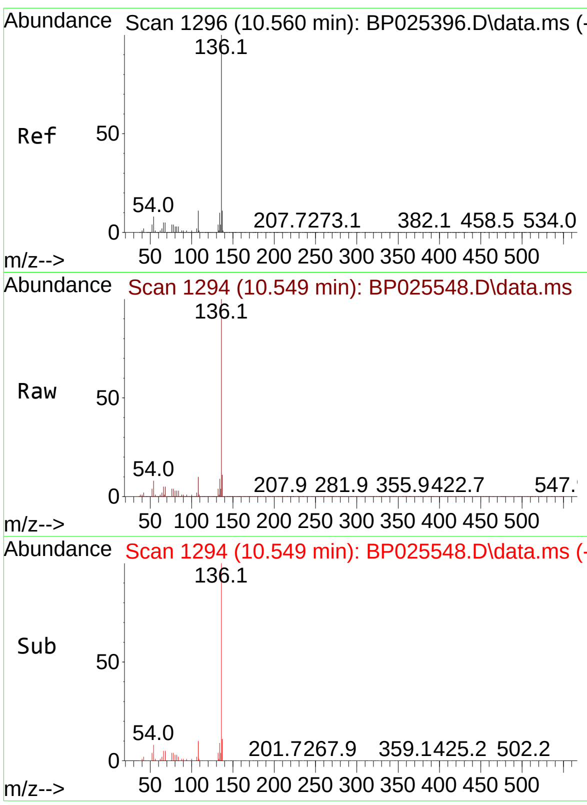
#7
Phenol-d6
Concen: 13.569 ng
RT: 6.961 min Scan# 68
Delta R.T. -0.006 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

Instrument :
BNA_P
ClientSampleId :
TG-S02

Tgt Ion: 99 Resp: 191461

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.7	20.5
71	34.3	28.2	42.4

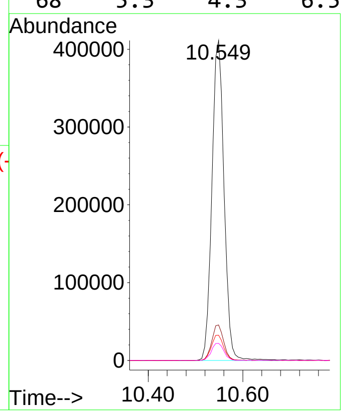


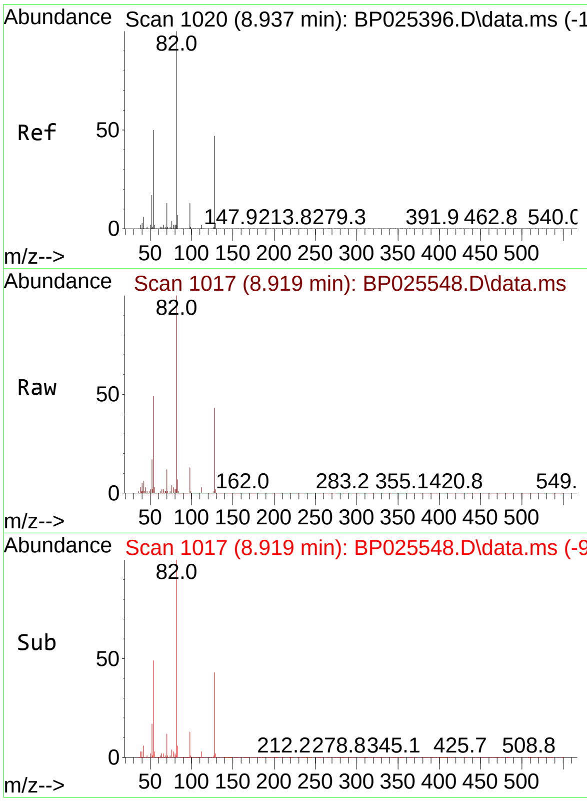


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

Tgt Ion:136 Resp: 732501

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.9	6.0	9.0
68	5.3	4.3	6.5



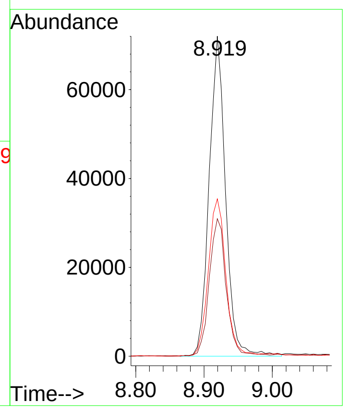


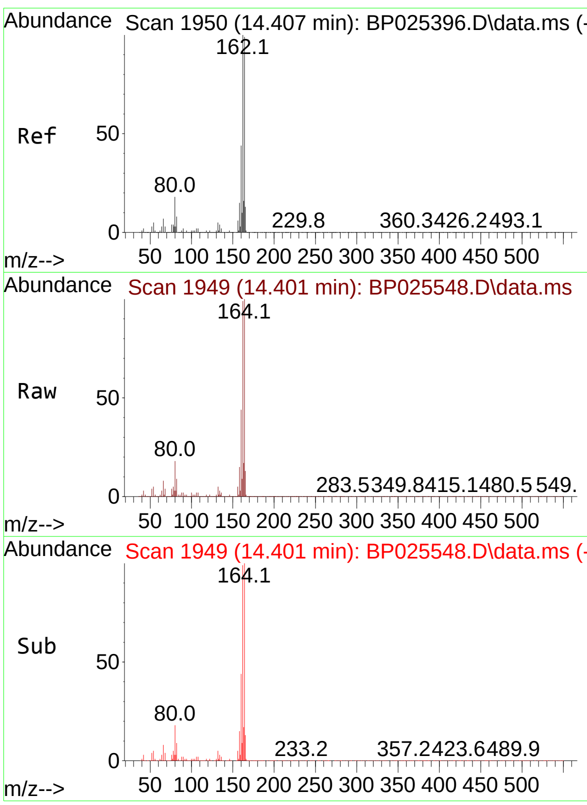
#23
Nitrobenzene-d5
Concen: 8.326 ng
RT: 8.919 min Scan# 10
Delta R.T. -0.017 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

Instrument :
BNA_P
ClientSampleId :
TG-S02

Tgt Ion: 82 Resp: 120560

Ion	Ratio	Lower	Upper
82	100		
128	43.0	37.7	56.5
54	49.1	39.8	59.6

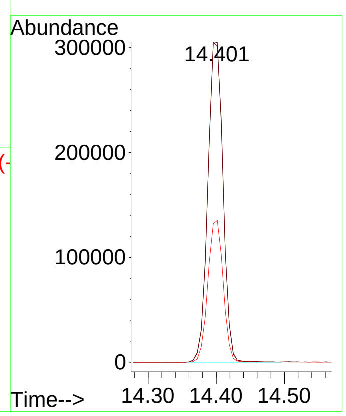


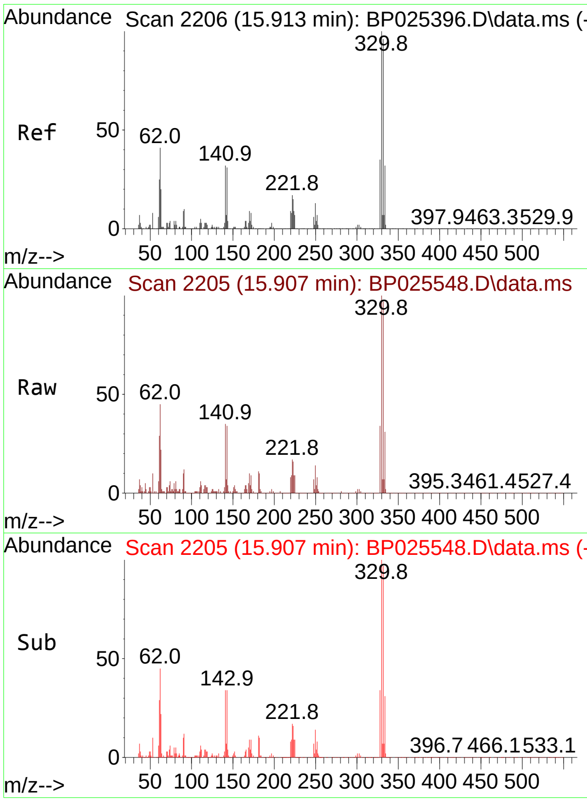


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

Tgt Ion:164 Resp: 473220

Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.0	121.6
160	44.3	35.4	53.2



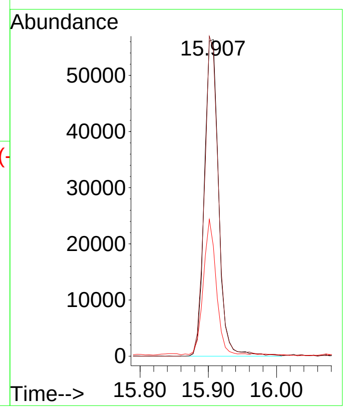


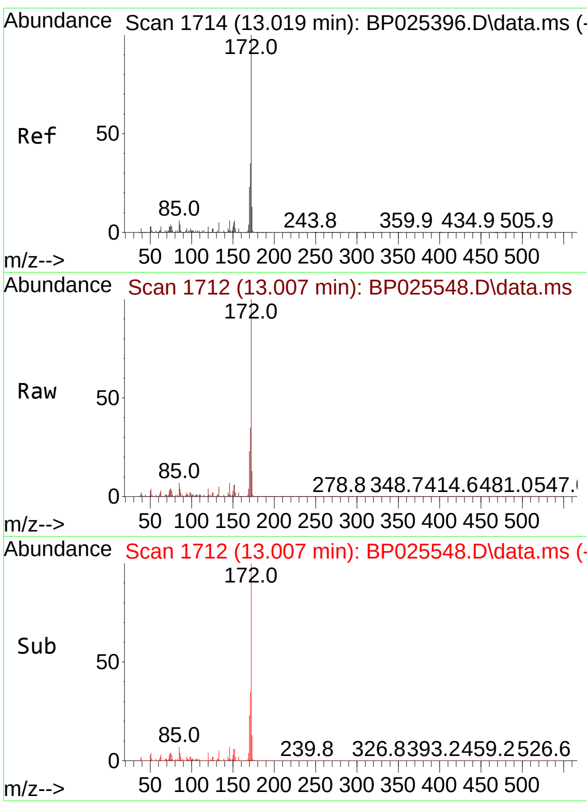
#42
2,4,6-Tribromophenol
Concen: 12.869 ng
RT: 15.907 min   Scan# 2
Delta R.T.   -0.006 min
Lab File: BP025548.D
Acq: 22 Aug 2025   14:13

Instrument :
BNA_P
ClientSampleId :
TG-S02

Tgt Ion:330 Resp: 81967

Ion	Ratio	Lower	Upper
330	100		
332	99.7	77.3	115.9
141	38.5	26.6	39.8

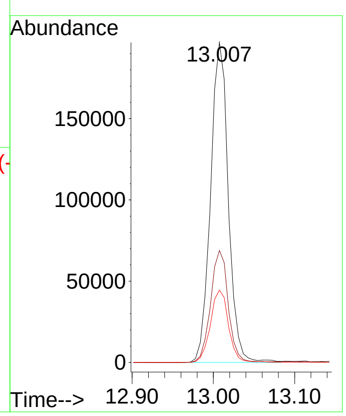


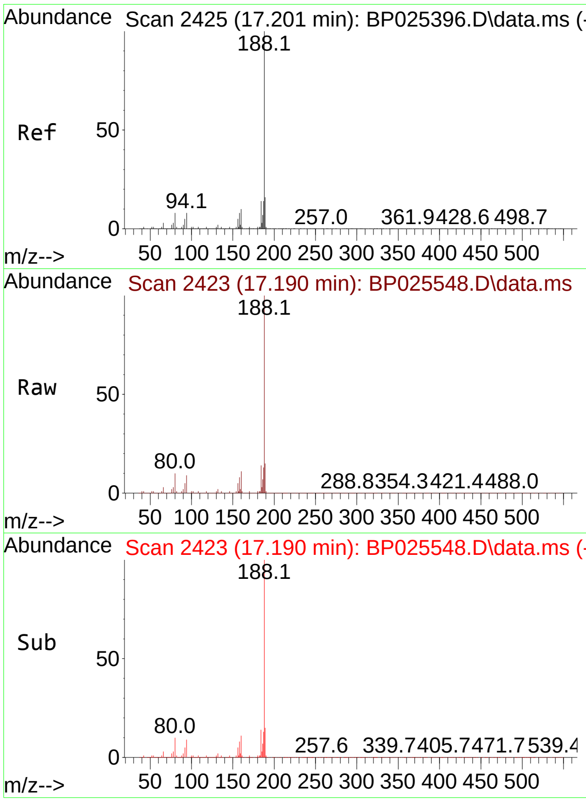


#45
2-Fluorobiphenyl
Concen: 8.631 ng
RT: 13.007 min   Scan# 1712
Delta R.T.   -0.012 min
Lab File: BP025548.D
Acq: 22 Aug 2025   14:13

Tgt Ion:172 Resp: 298861

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	22.6	18.6	28.0



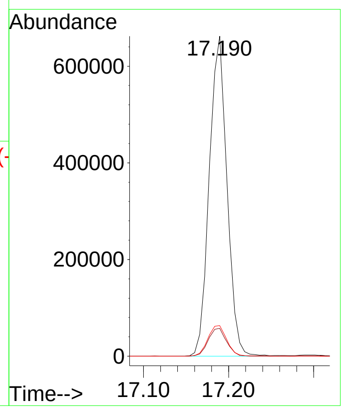


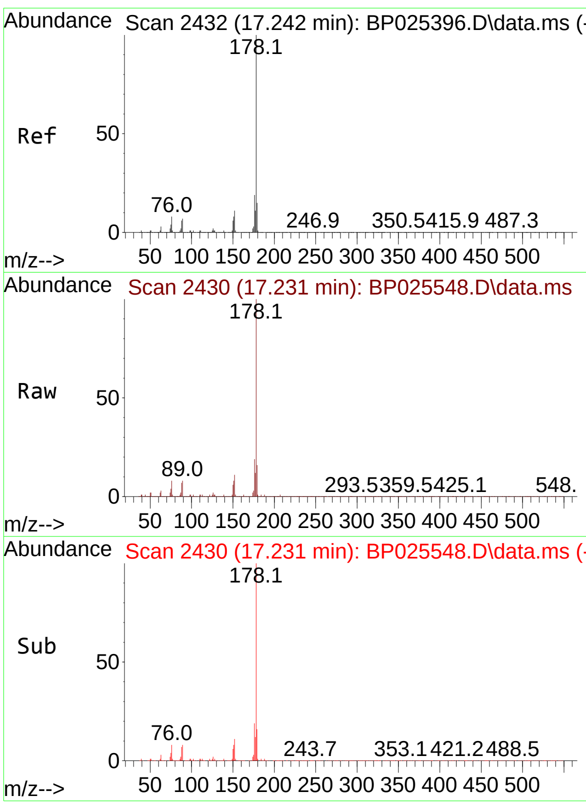
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.190 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

Instrument :
BNA_P
ClientSampleId :
TG-S02

Tgt Ion:188 Resp: 960991

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.5	6.7	10.1

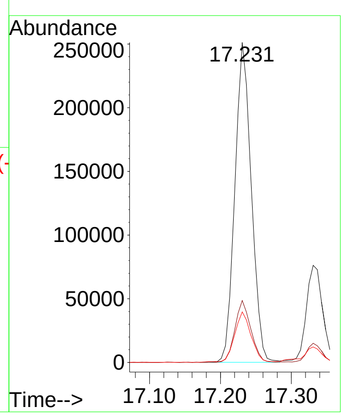


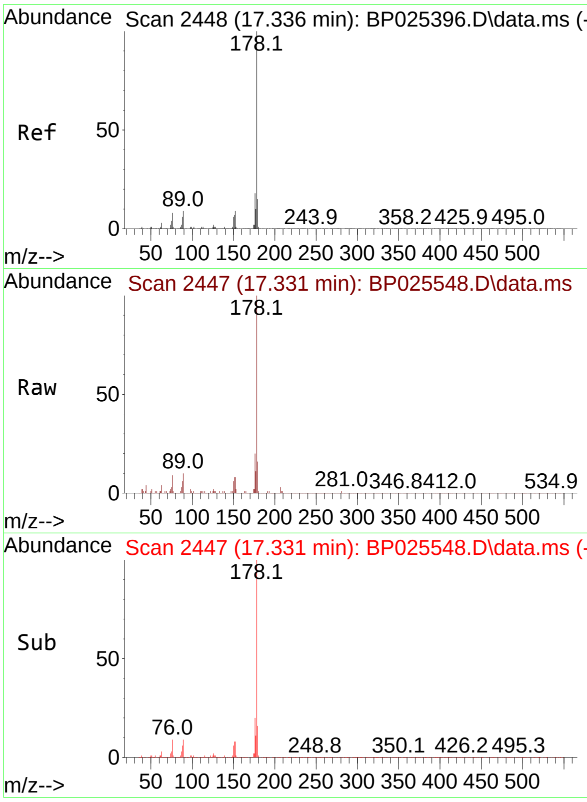


#71
Phenanthrene
Concen: 7.693 ng
RT: 17.231 min Scan# 2430
Delta R.T. -0.012 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

Tgt Ion:178 Resp: 406127

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.8	12.2	18.4



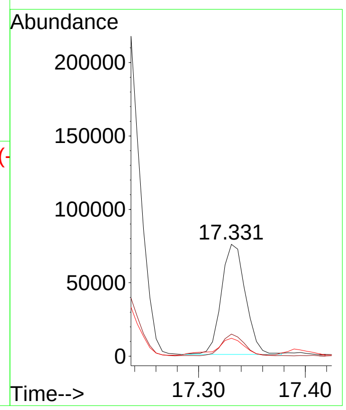


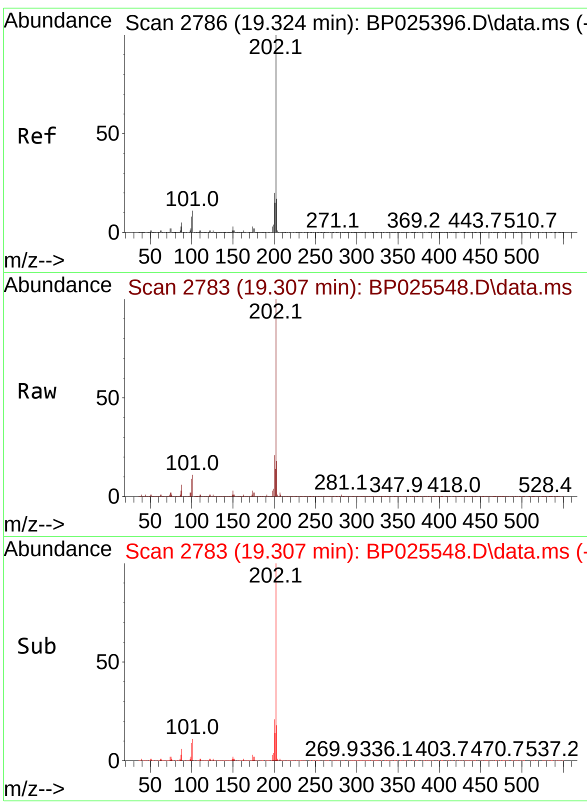
#72
Anthracene
Concen: 2.190 ng
RT: 17.331 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

Instrument :
BNA_P
ClientSampleId :
TG-S02

Tgt Ion:178 Resp: 118085

Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.7	22.1
179	16.1	12.2	18.2

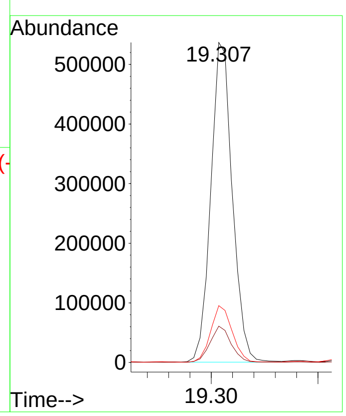


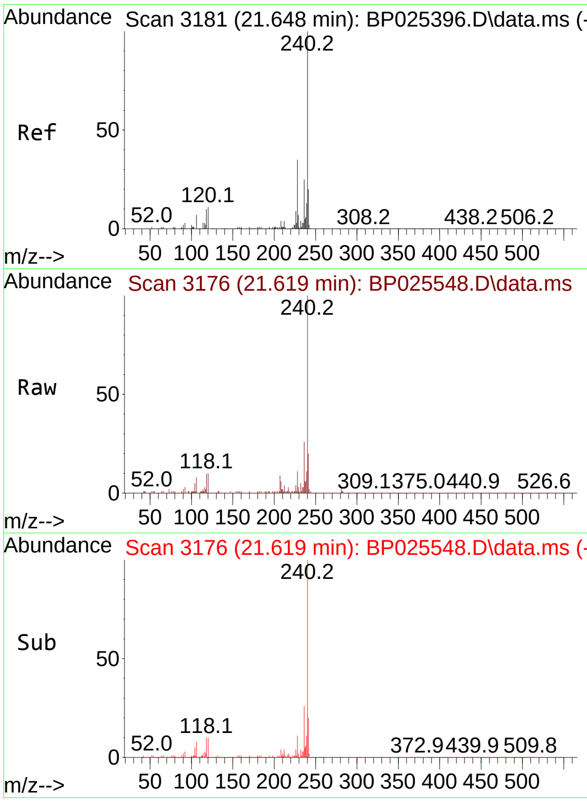


#75
Fluoranthene
Concen: 11.961 ng
RT: 19.307 min Scan# 2783
Delta R.T. -0.017 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

Tgt Ion:202 Resp: 753171

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.1
203	17.8	0.0	37.3



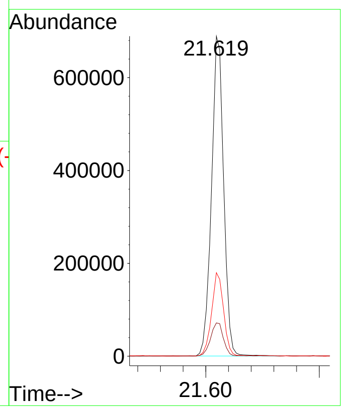


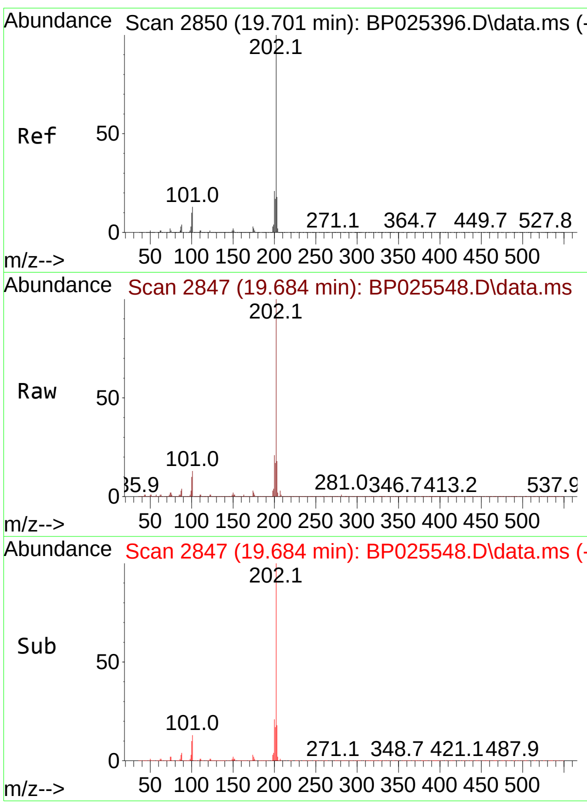
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.619 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

Instrument :
BNA_P
ClientSampleId :
TG-S02

Tgt Ion:240 Resp: 1021547

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	26.1	19.8	29.8

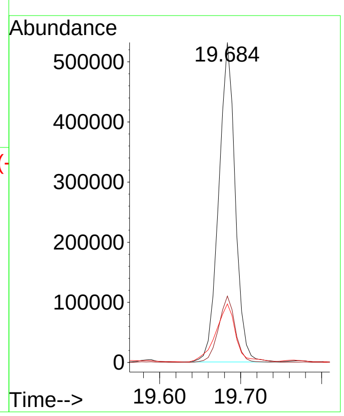


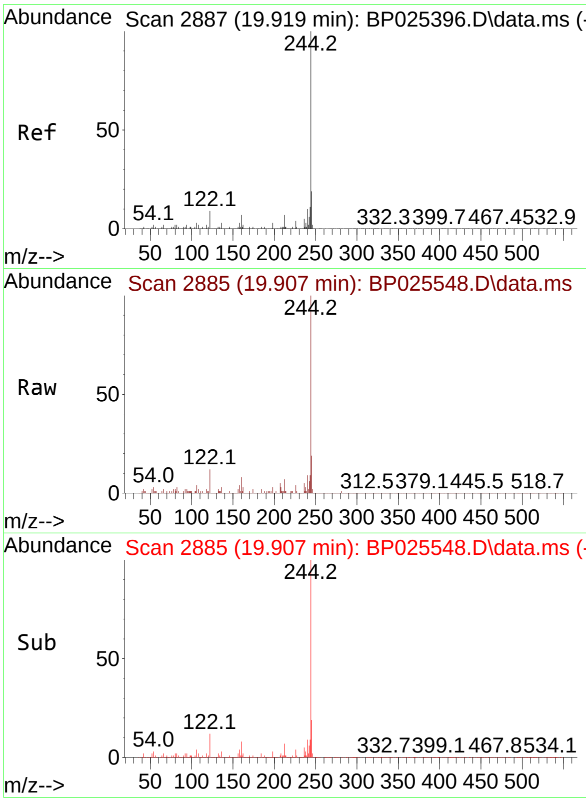


#78
Pyrene
Concen: 11.361 ng
RT: 19.684 min Scan# 2847
Delta R.T. -0.017 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

Tgt Ion:202 Resp: 754315

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	18.3	14.2	21.2



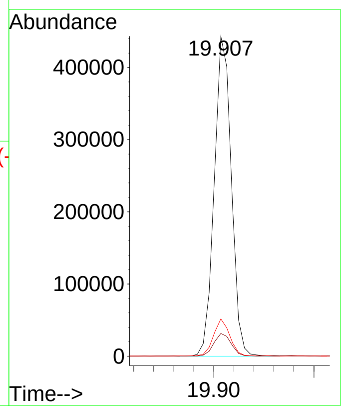


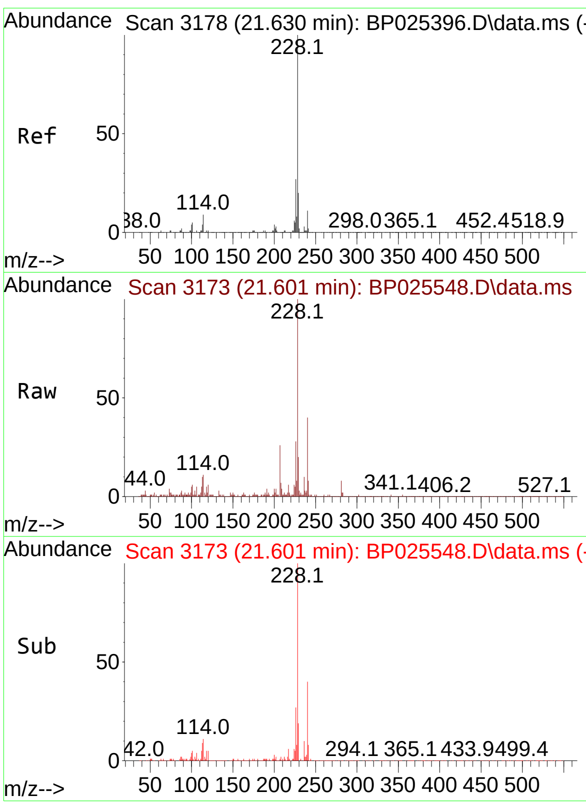
#79
Terphenyl-d14
Concen: 9.408 ng
RT: 19.907 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

Instrument :
BNA_P
ClientSampleId :
TG-S02

Tgt Ion:244 Resp: 525306

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	11.6	7.4	11.2#

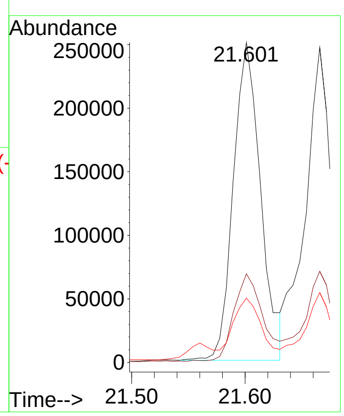


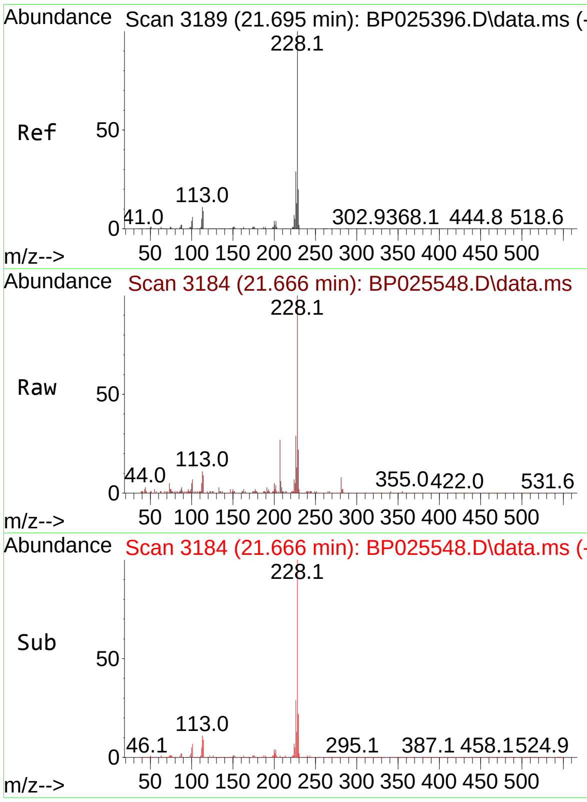


#81
Benzo(a)anthracene
Concen: 6.202 ng
RT: 21.601 min Scan# 3173
Delta R.T. -0.029 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

Tgt Ion:228 Resp: 417814

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.7	32.5
229	20.1	15.6	23.4



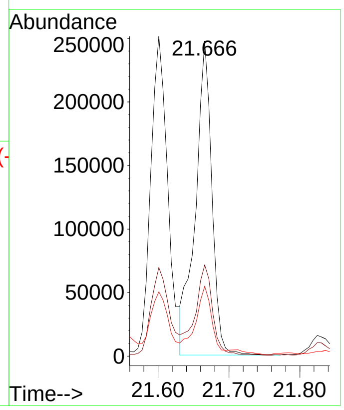


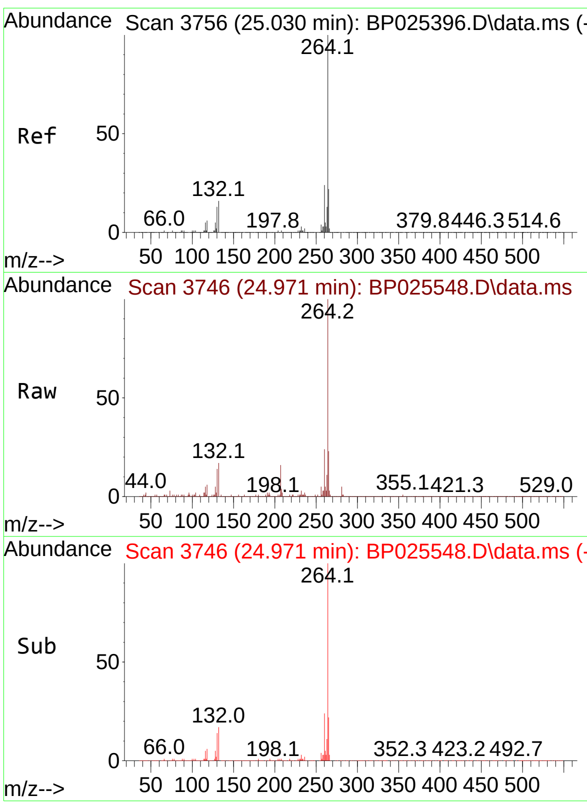
#83
Chrysene
Concen: 6.370 ng
RT: 21.666 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

Instrument :
BNA_P
ClientSampleId :
TG-S02

Tgt Ion:228 Resp: 401927

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.2	34.8
229	22.2	15.6	23.4

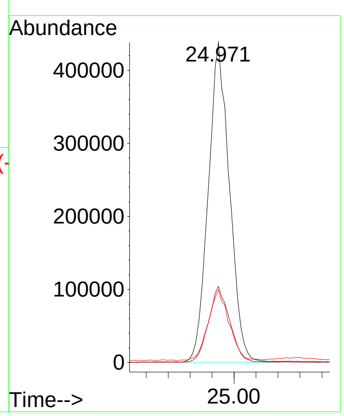


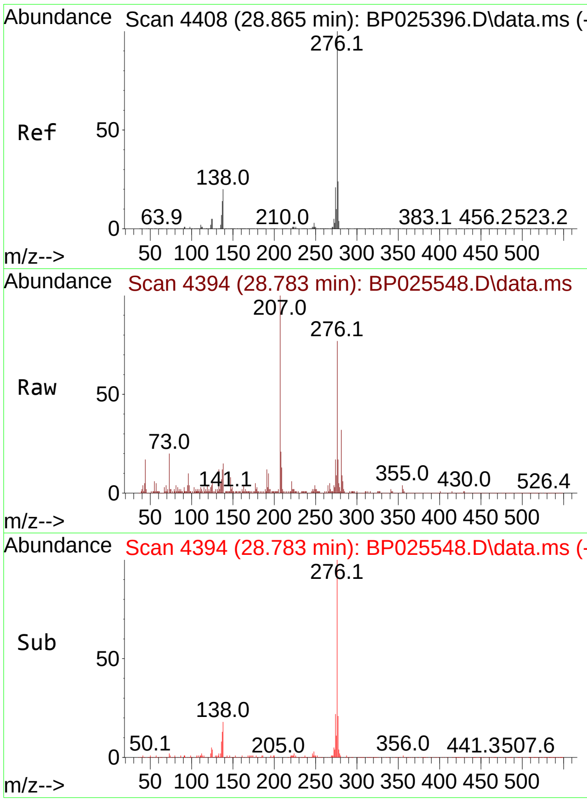


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.971 min Scan# 3746
Delta R.T. -0.059 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

Tgt Ion:264 Resp: 1175388

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.7	17.4	26.0



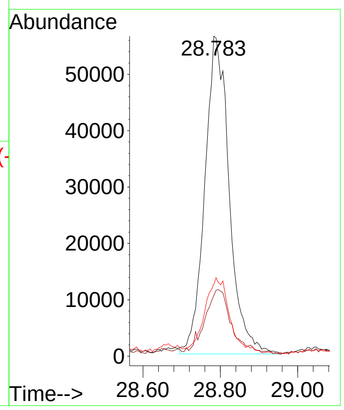


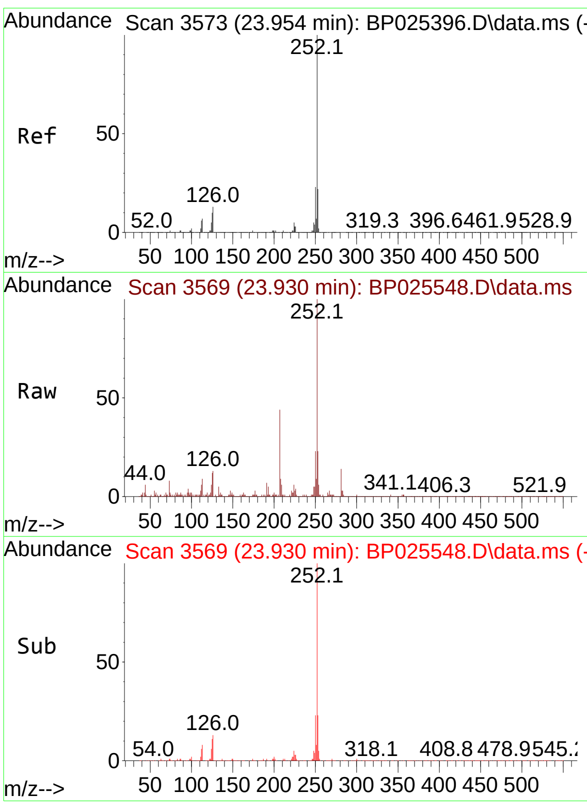
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.874 ng
RT: 28.783 min Scan# 4
Delta R.T. -0.082 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

Instrument :
BNA_P
ClientSampleId :
TG-S02

Tgt Ion:276 Resp: 247746

Ion	Ratio	Lower	Upper
276	100		
138	20.7	12.9	19.3#
277	23.8	17.0	25.6

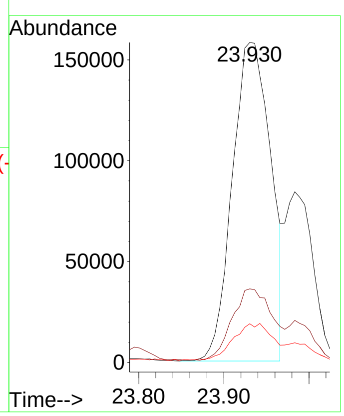


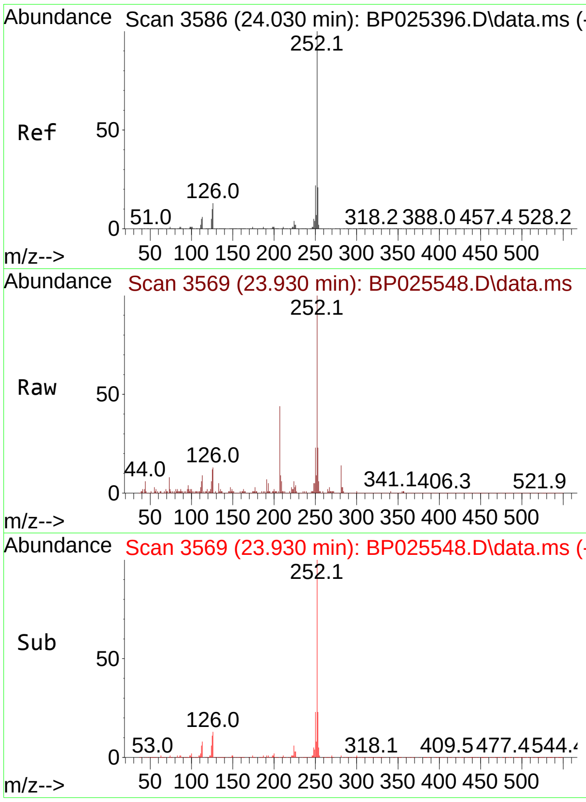


#88
Benzo(b)fluoranthene
Concen: 7.144 ng
RT: 23.930 min Scan# 3569
Delta R.T. -0.023 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

Tgt Ion:252 Resp: 495112

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	12.1	7.9	11.9#



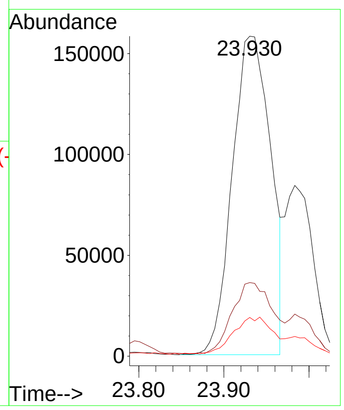


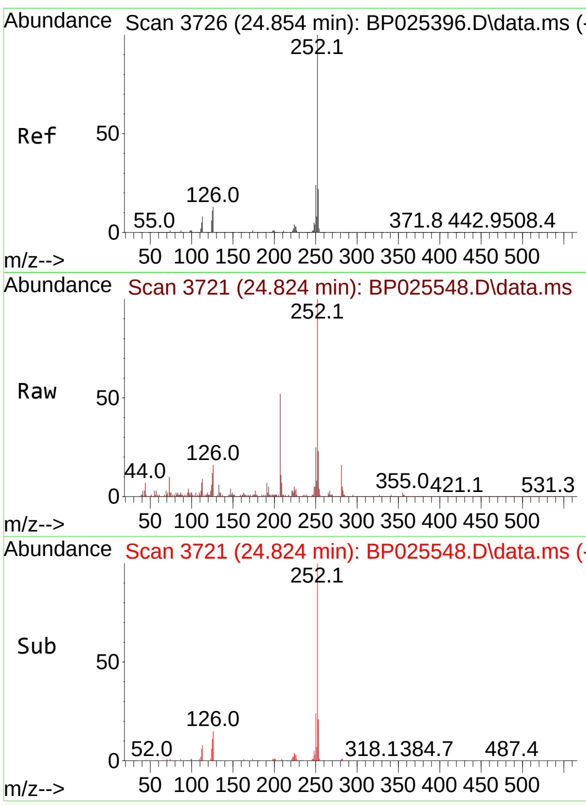
#89
Benzo(k)fluoranthene
Concen: 7.139 ng
RT: 23.930 min Scan# 3
Delta R.T. -0.100 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

Instrument :
BNA_P
ClientSampleId :
TG-S02

Tgt Ion:252 Resp: 495112

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	12.1	7.8	11.6#

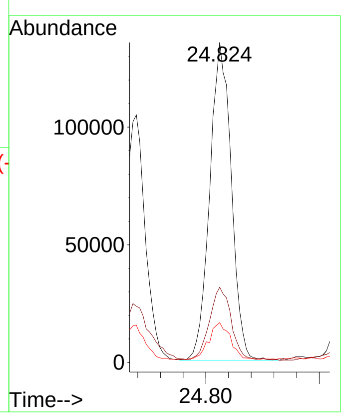


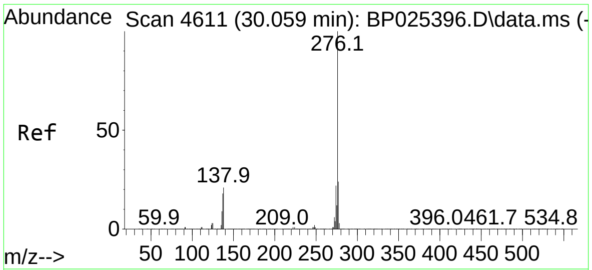


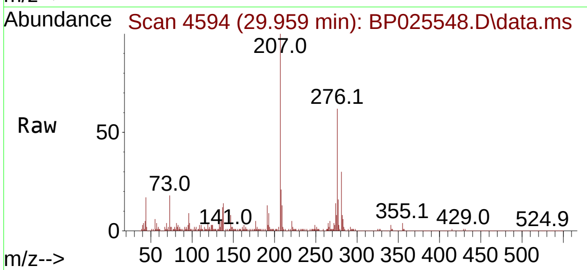
#90
Benzo(a)pyrene
Concen: 5.273 ng
RT: 24.824 min Scan# 3721
Delta R.T. -0.029 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

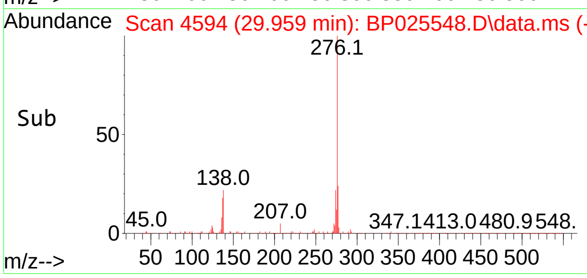
Tgt Ion:252 Resp: 355781

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	12.4	8.7	13.1









#92
Benzo(g,h,i)perylene
Concen: 3.464 ng
RT: 29.959 min Scan# 4
Delta R.T. -0.100 min
Lab File: BP025548.D
Acq: 22 Aug 2025 14:13

Instrument :
BNA_P
ClientSampleId :
TG-S02

Tgt Ion:276 Resp: 239889

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.4	29.0
138	22.9	16.7	25.1