Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142765.D
Acq On : 12 Jun 2025 18:57
Operator : RC/JU
Sample : Q2225-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-06042025

Quant Time: Jun 13 01:00:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	45541	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	144110	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	75141	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	154485	20.000	ng	0.00
76) Chrysene-d12	14.068	240	125780	20.000	ng	0.00
86) Perylene-d12	15.562	264	90249	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	68215	25.511	ng	0.00
7) Phenol-d6	6.516	99	72499	23.039	ng	0.00
23) Nitrobenzene-d5	7.451	82	41311	15.688	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	21932	26.632	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	96492	17.061	ng	-0.01
79) Terphenyl-d14	13.004	244	144174	15.743	ng	0.00
Target Compounds						Qvalue
58) Fluorene	10.480	166	10553	2.088	ng	# 98
71) Phenanthrene	11.445	178	80605	9.739	ng	99
72) Anthracene	11.498	178	26149	3.054	ng	98
75) Fluoranthene	12.639	202	169791	21.575	ng	99
78) Pyrene	12.869	202	145532	12.451	ng	99
81) Benzo(a)anthracene	14.057	228	66156	7.937	ng	# 93
83) Chrysene	14.092	228	51647	6.711	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.074	276	21517	3.217	ng	95
88) Benzo(b)fluoranthene	15.127	252	70842	13.331	ng	# 90
89) Benzo(k)fluoranthene	15.127	252	70842	13.740	ng	# 89
90) Benzo(a)pyrene	15.498	252	38176	7.556	ng	# 91
92) Benzo(g,h,i)perylene	17.539	276	19188	3.534	ng	92

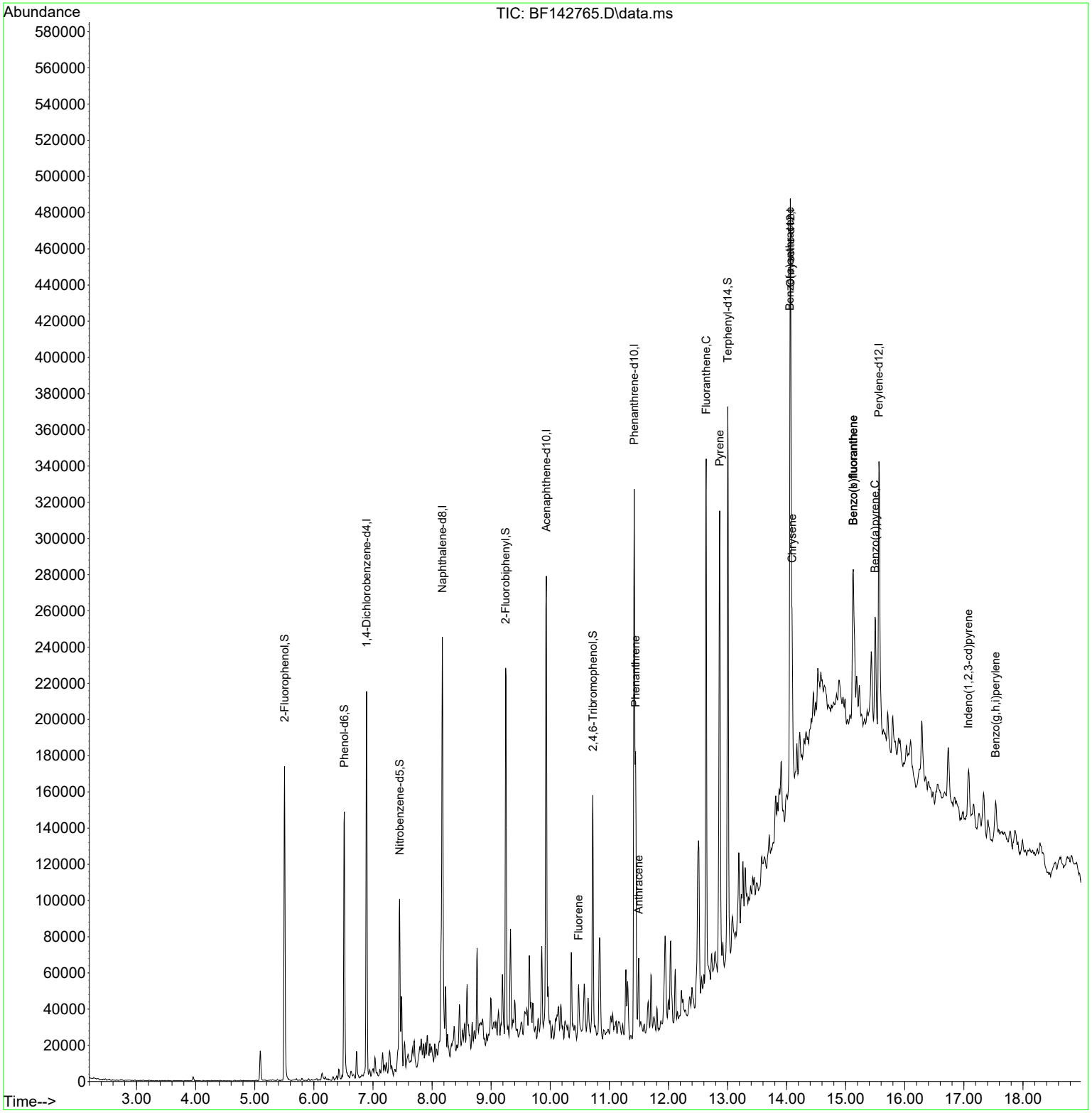
(#) = qualifier out of range (m) = manual integration (+) = signals summed

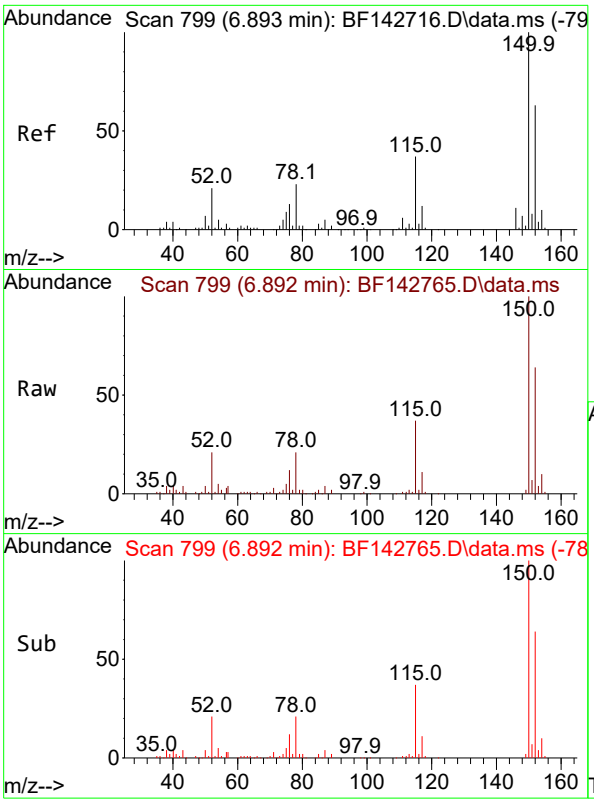
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142765.D
Acq On : 12 Jun 2025 18:57
Operator : RC/JU
Sample : Q2225-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-06042025

Quant Time: Jun 13 01:00:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration



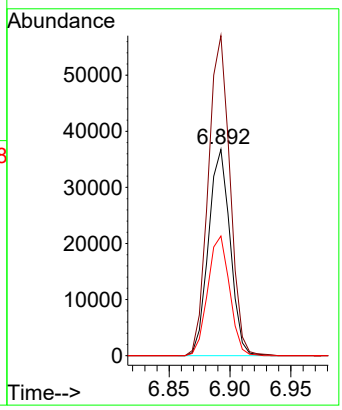


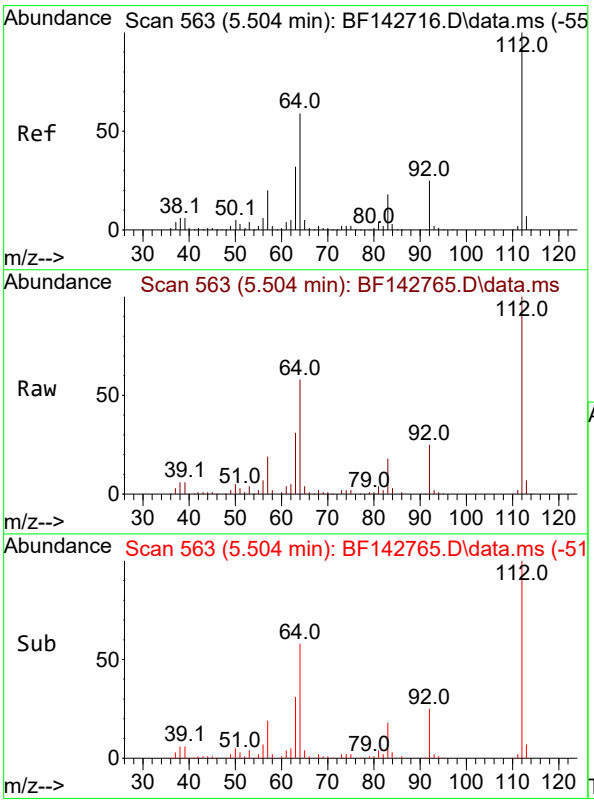
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Instrument :
BNA_F
ClientSampleId :
SU-03-06042025

Tgt Ion:152 Resp: 45541

Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.9	190.3
115	58.0	47.0	70.6

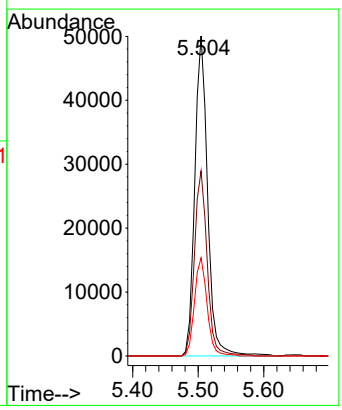


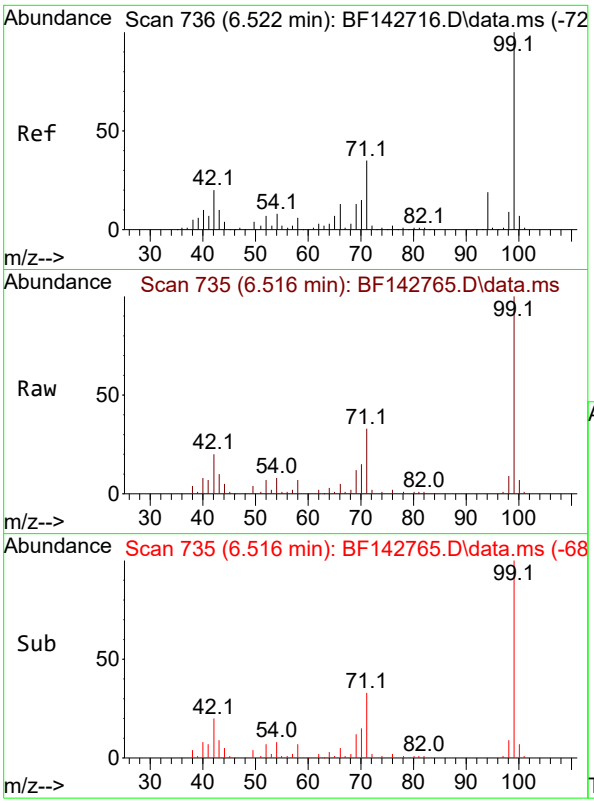


#5
2-Fluorophenol
Concen: 25.511 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Tgt Ion:112 Resp: 68215

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.4	71.2
63	30.7	25.4	38.0



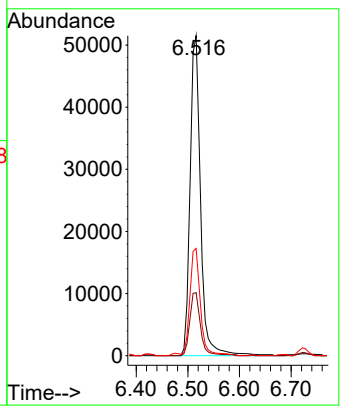


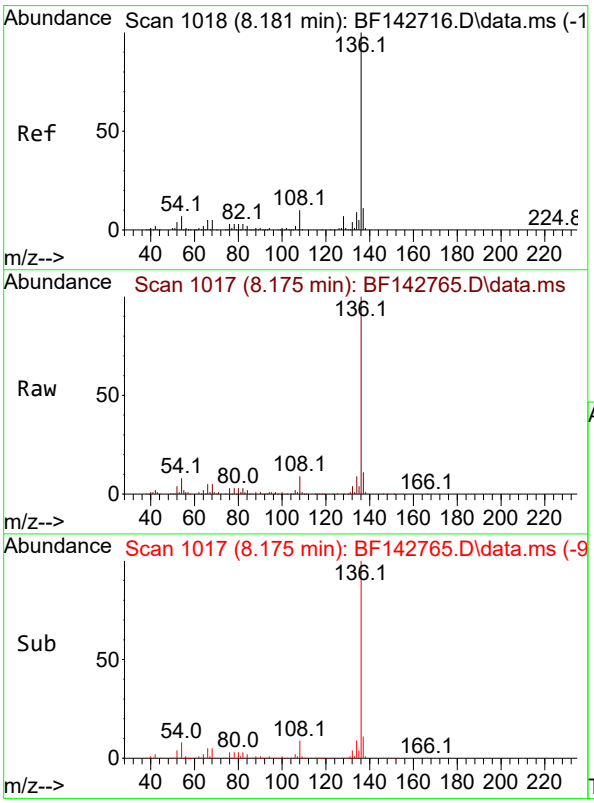
#7
Phenol-d6
Concen: 23.039 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Instrument :
BNA_F
ClientSampleId :
SU-03-06042025

Tgt Ion: 99 Resp: 72499

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.9	23.9
71	33.5	28.0	42.0

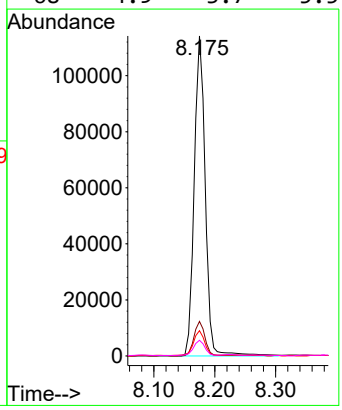


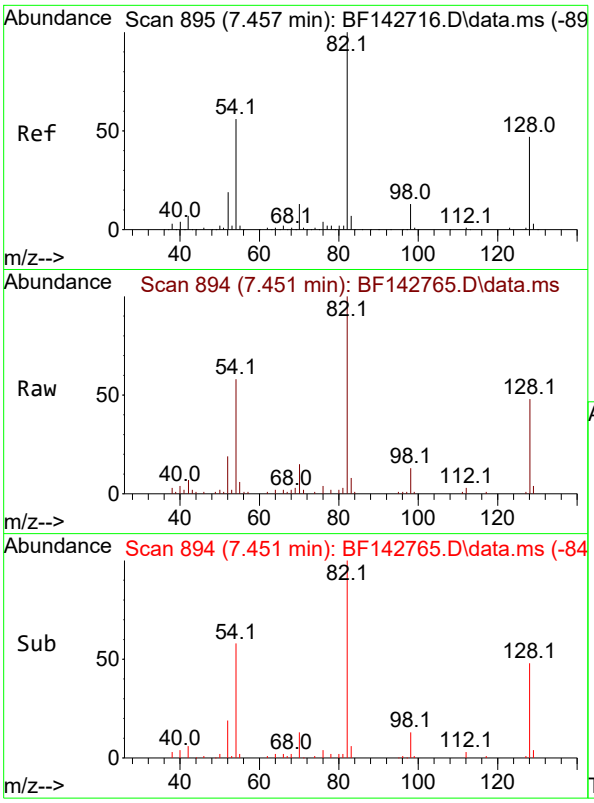


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Tgt Ion:136 Resp: 144110

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.9	5.9	8.9
68	4.9	3.7	5.5



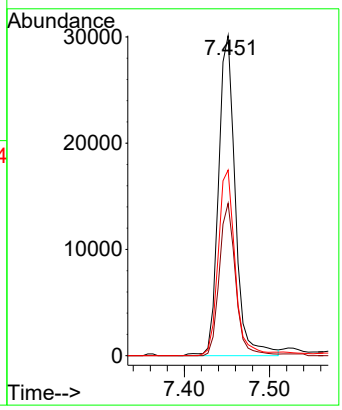


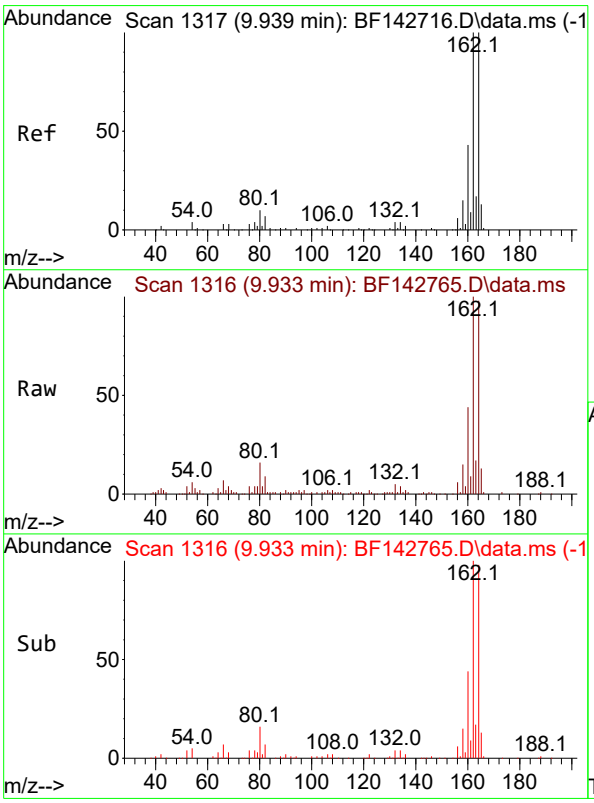
#23
Nitrobenzene-d5
Concen: 15.688 ng
RT: 7.451 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Instrument :
BNA_F
ClientSampleId :
SU-03-06042025

Tgt Ion: 82 Resp: 41311

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.8	56.8
54	58.0	44.9	67.3

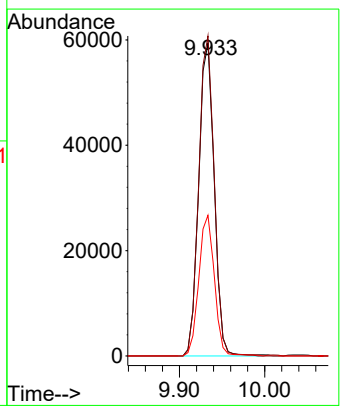


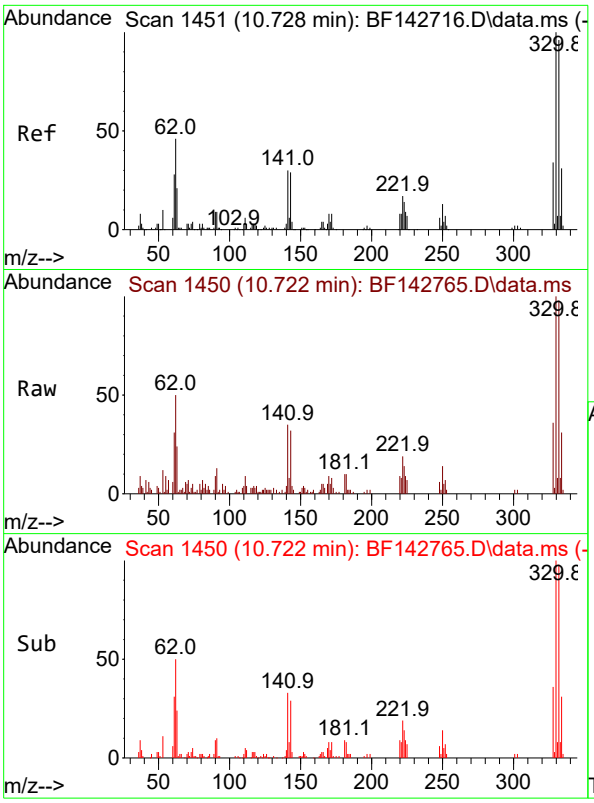


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Tgt Ion:164 Resp: 75141

Ion	Ratio	Lower	Upper
164	100		
162	102.3	79.9	119.9
160	45.0	34.8	52.2



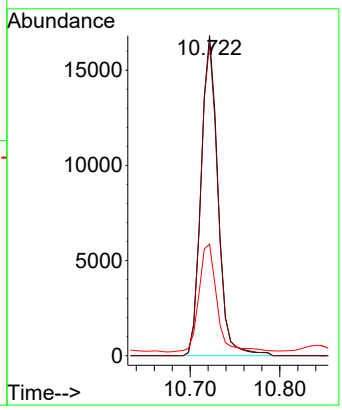


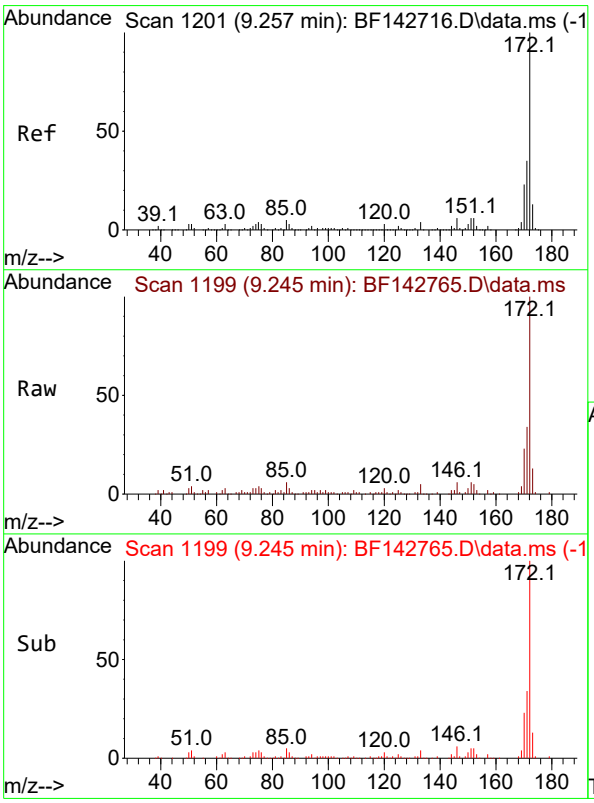
#42
2,4,6-Tribromophenol
Concen: 26.632 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Instrument :
BNA_F
ClientSampleId :
SU-03-06042025

Tgt Ion:330 Resp: 21932

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	36.1	25.4	38.0

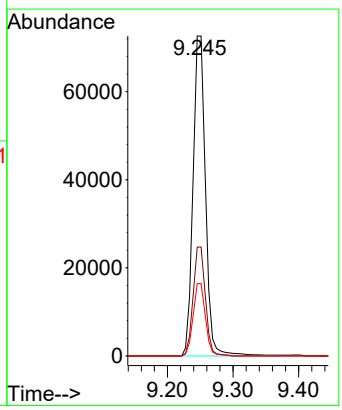


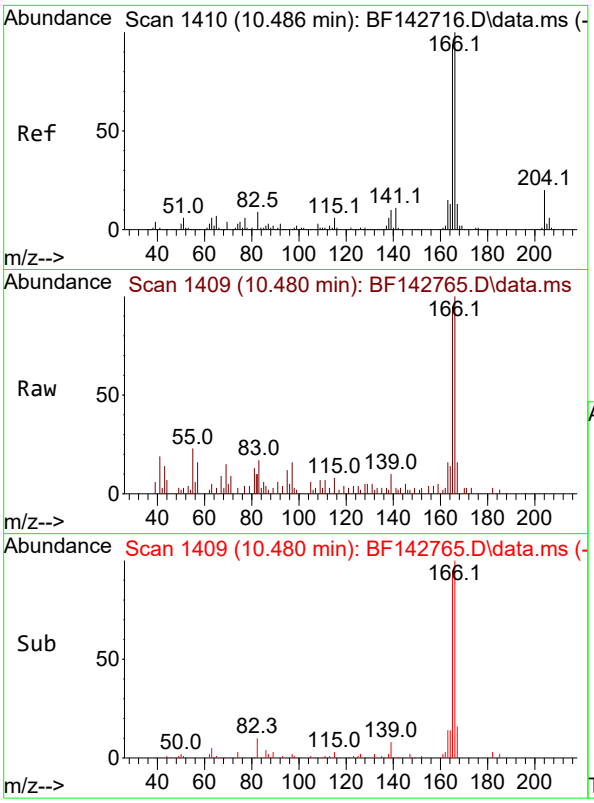


#45
2-Fluorobiphenyl
Concen: 17.061 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Tgt Ion:172 Resp: 96492

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.1	42.1
170	22.6	18.6	27.8



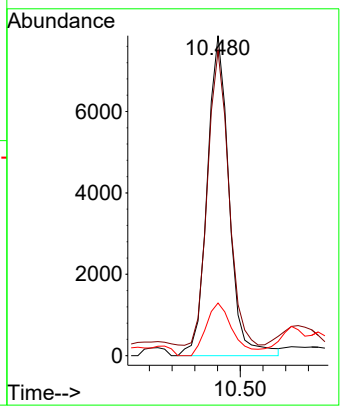


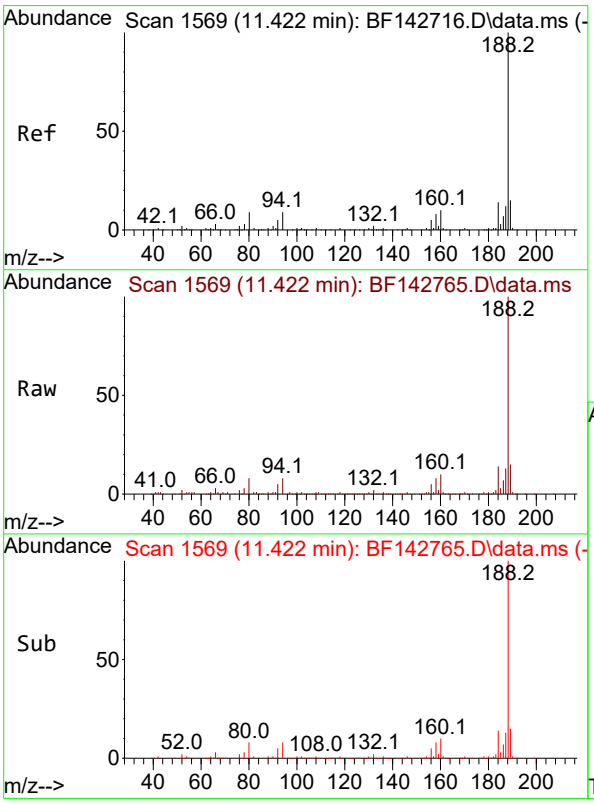
#58
Fluorene
Concen: 2.088 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Instrument :
BNA_F
ClientSampleId :
SU-03-06042025

Tgt Ion:166 Resp: 10553

Ion	Ratio	Lower	Upper
166	100		
165	95.2	74.9	112.3
167	16.4	10.7	16.1#

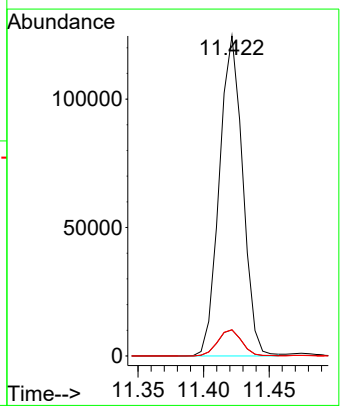


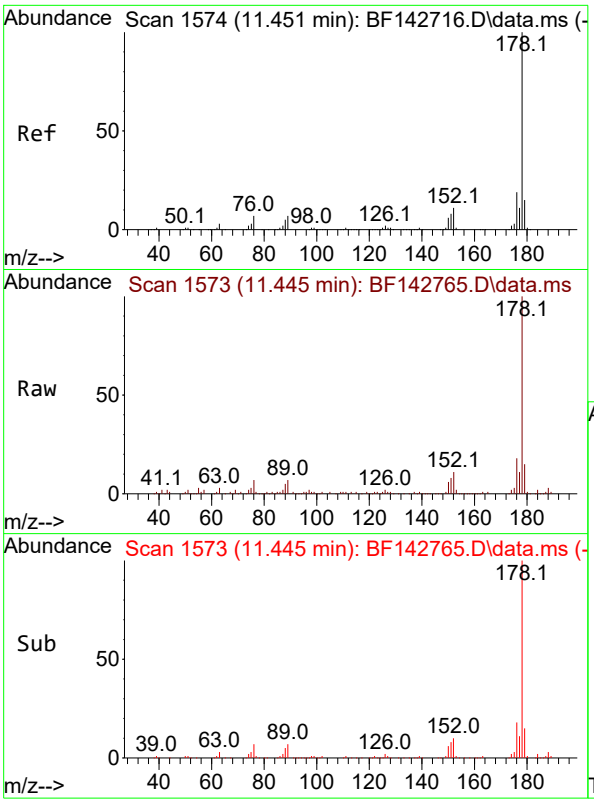


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Tgt Ion:188 Resp: 154485

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.8	10.2
80	8.2	7.1	10.7



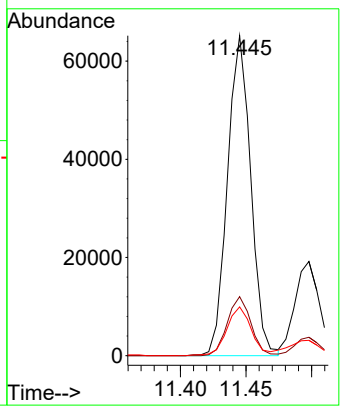


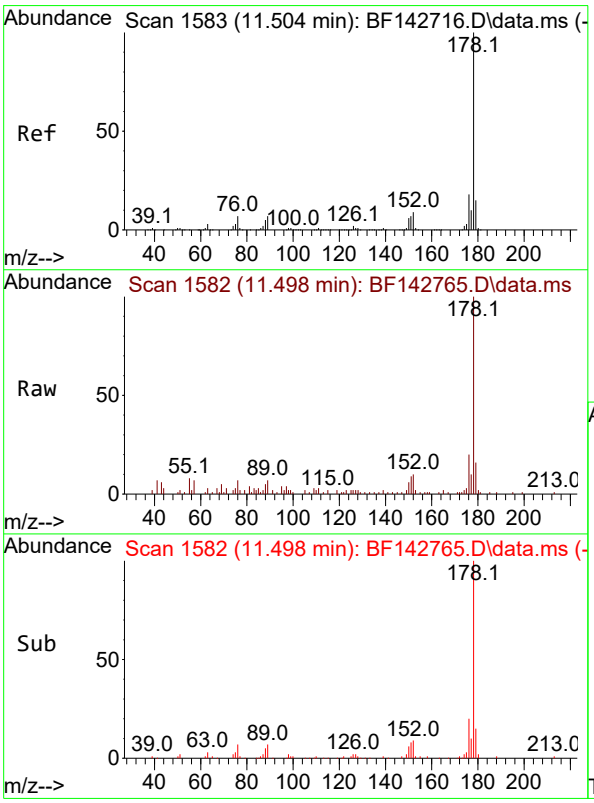
#71
Phenanthrene
Concen: 9.739 ng
RT: 11.445 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Instrument :
BNA_F
ClientSampleId :
SU-03-06042025

Tgt Ion:178 Resp: 80605

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.3	12.2	18.4

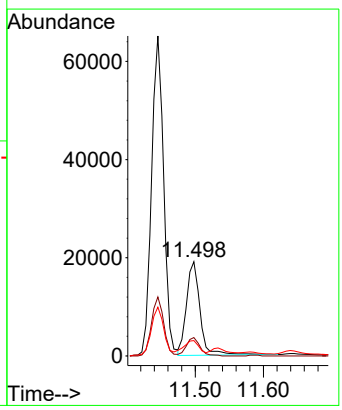


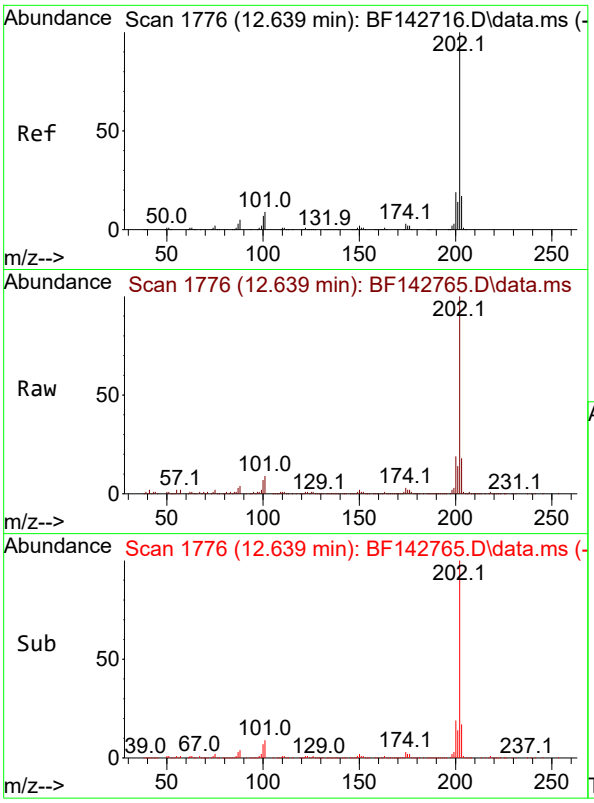


#72
Anthracene
Concen: 3.054 ng
RT: 11.498 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Tgt Ion:178 Resp: 26149

Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.8	22.2
179	16.2	12.2	18.2



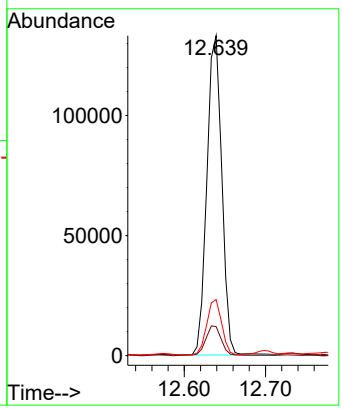


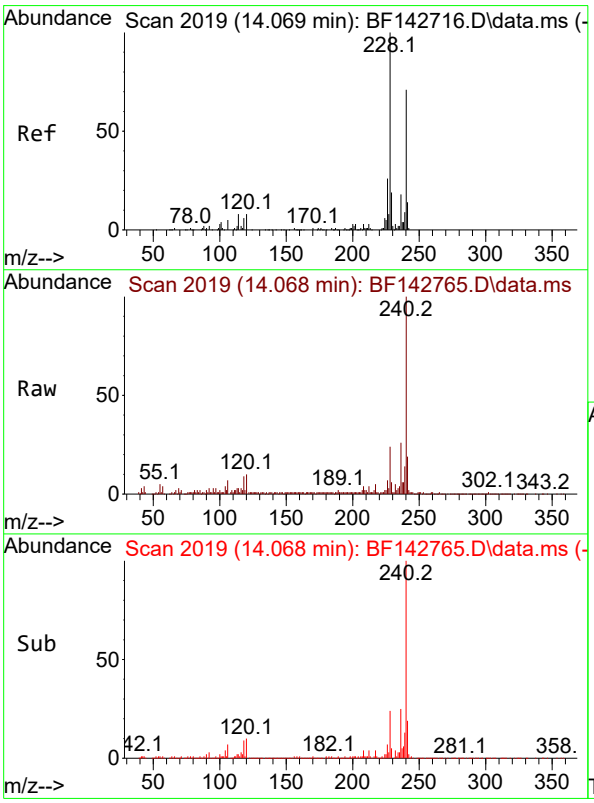
#75
Fluoranthene
Concen: 21.575 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Instrument :
BNA_F
ClientSampleId :
SU-03-06042025

Tgt Ion:202 Resp: 169791

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.5
203	17.5	0.0	37.0

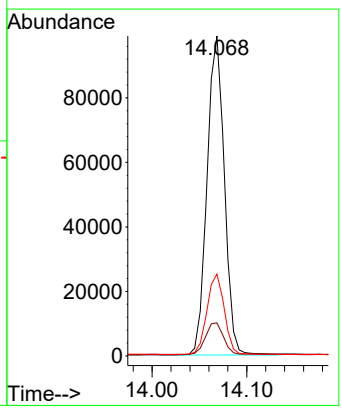


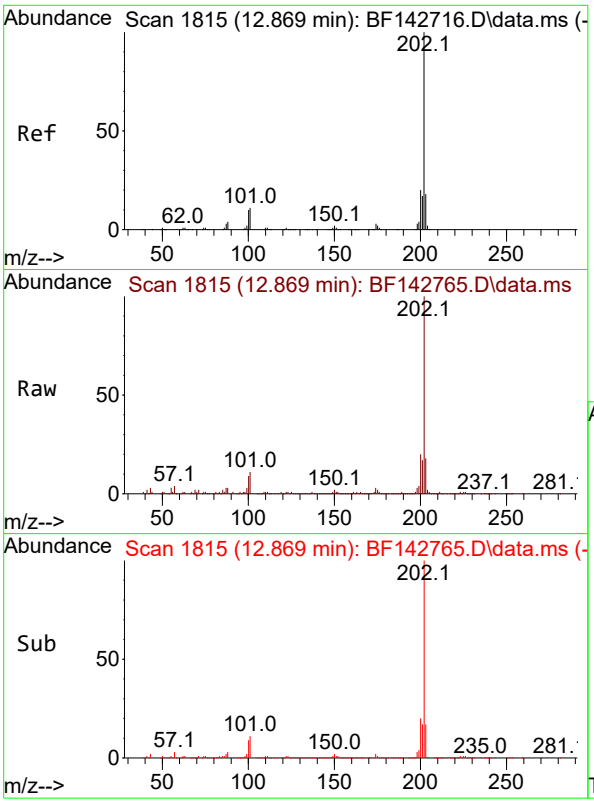


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Tgt Ion:240 Resp: 125780

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.5	12.7
236	25.6	20.1	30.1



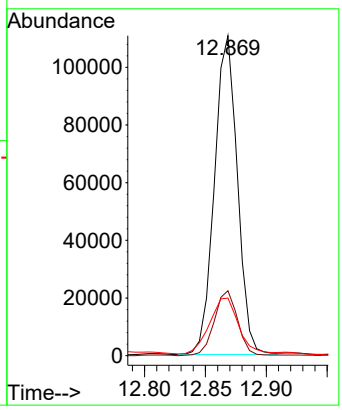


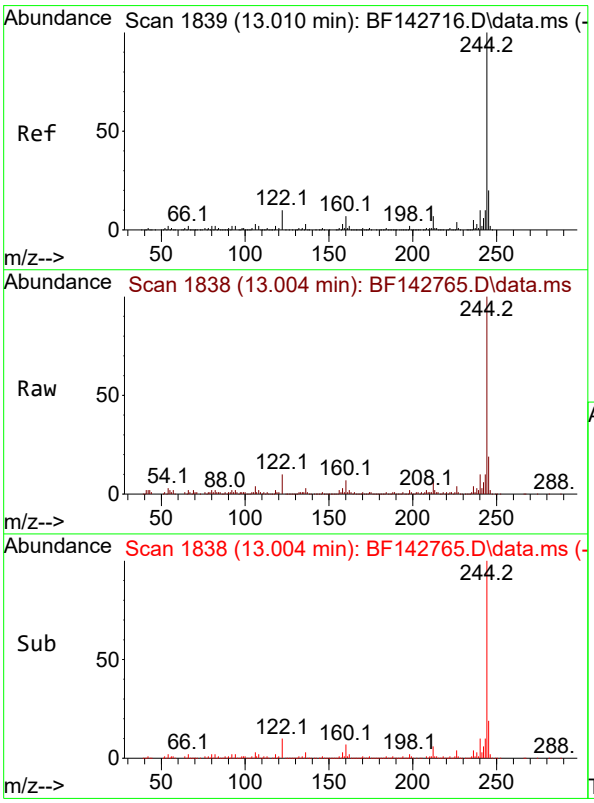
#78
Pyrene
Concen: 12.451 ng
RT: 12.869 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Instrument :
BNA_F
ClientSampleId :
SU-03-06042025

Tgt Ion:202 Resp: 145532

Ion	Ratio	Lower	Upper
202	100		
200	20.3	15.8	23.8
203	18.0	14.1	21.1

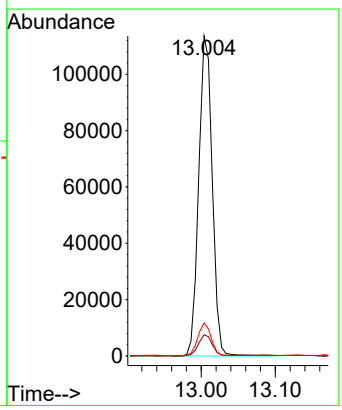


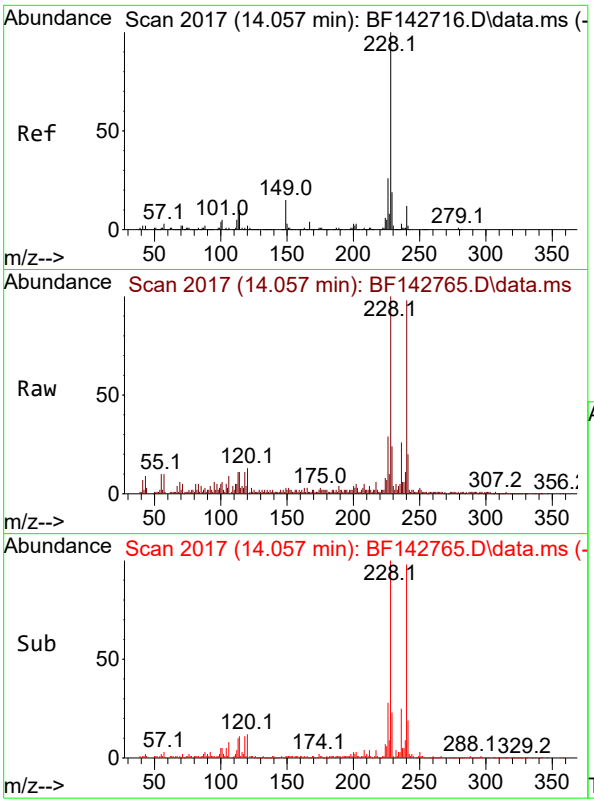


#79
Terphenyl-d14
Concen: 15.743 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Tgt Ion:244 Resp: 144174

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.3	8.3	12.5



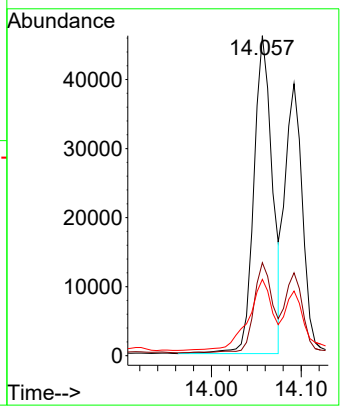


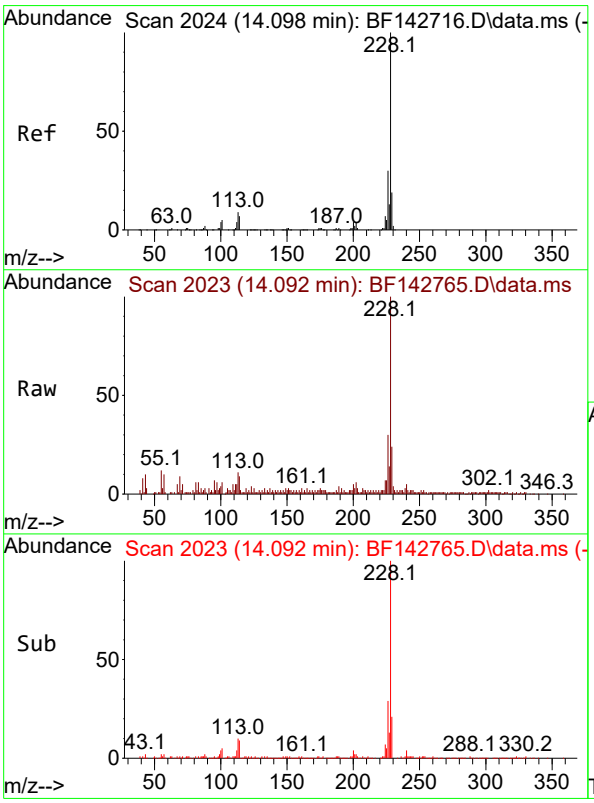
#81
Benzo(a)anthracene
Concen: 7.937 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Instrument :
BNA_F
ClientSampleId :
SU-03-06042025

Tgt Ion:228 Resp: 66156

Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.0	31.4
229	23.8	15.5	23.3#

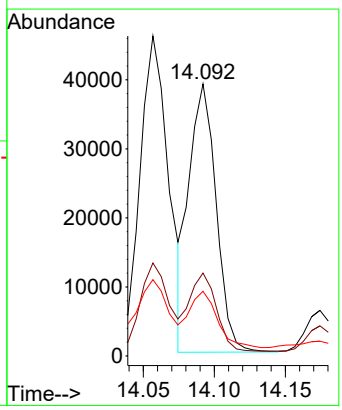


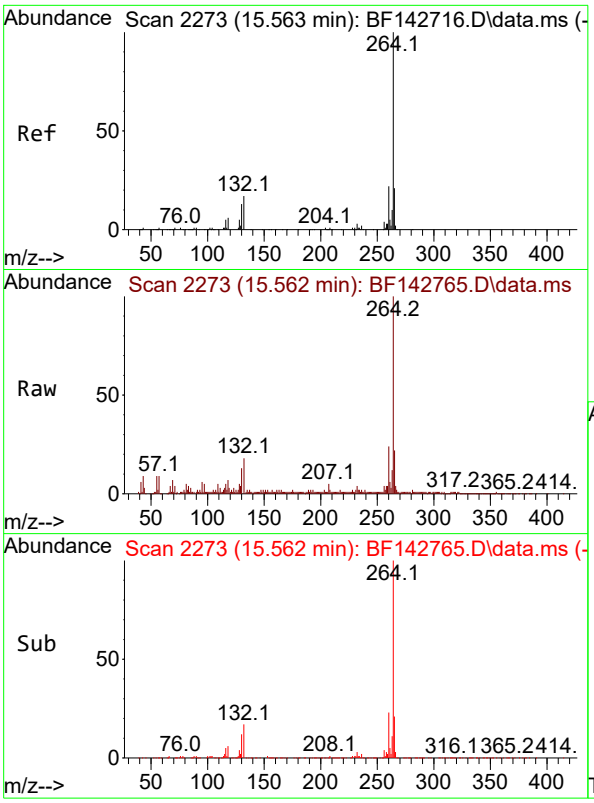


#83
Chrysene
Concen: 6.711 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Tgt Ion:228 Resp: 51647

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.6	35.4
229	23.8	15.5	23.3#



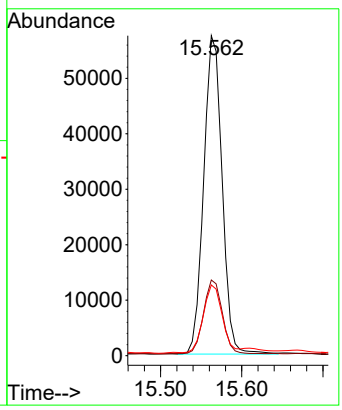


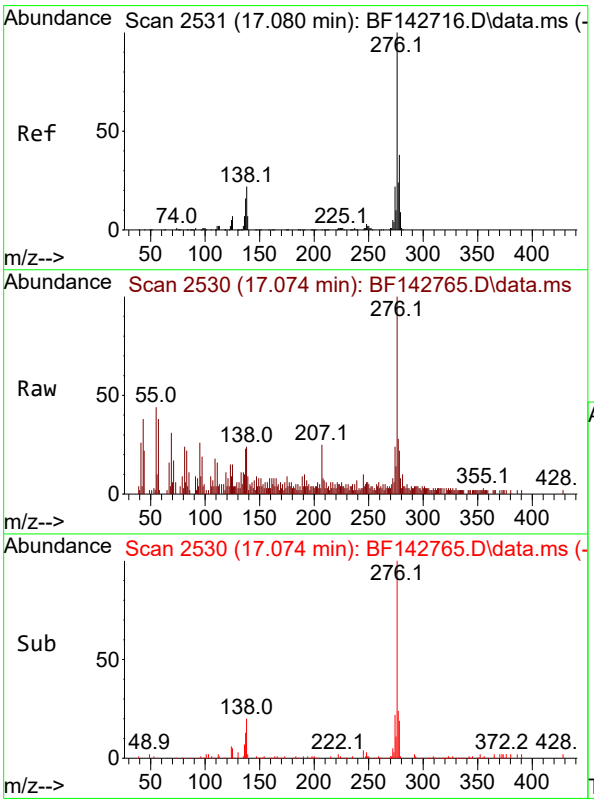
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Instrument :
BNA_F
ClientSampleId :
SU-03-06042025

Tgt Ion:264 Resp: 90249

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.8	26.6
265	22.1	16.6	25.0

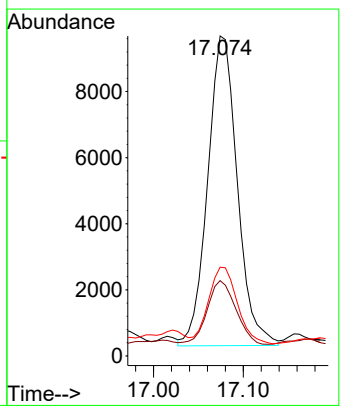


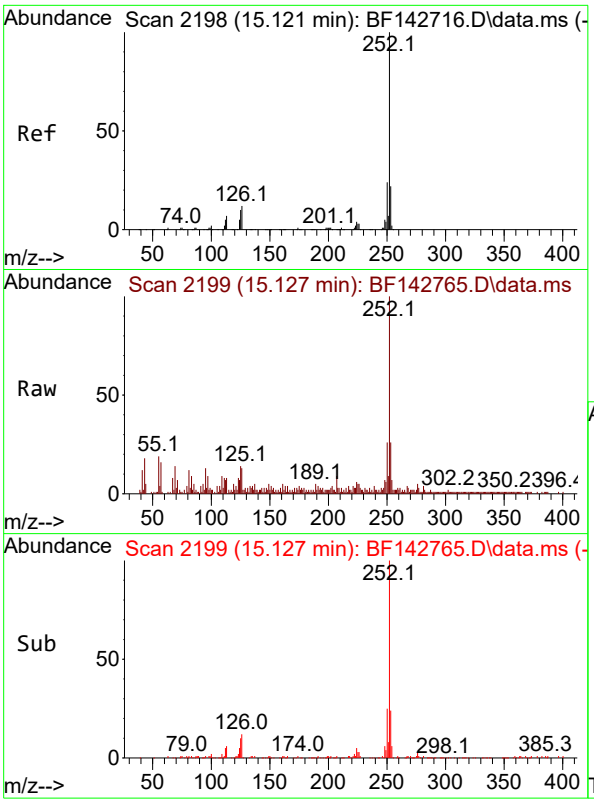


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.217 ng
RT: 17.074 min Scan# 2530
Delta R.T. -0.006 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Tgt Ion:276 Resp: 21517

Ion	Ratio	Lower	Upper
276	100		
138	19.8	19.3	28.9
277	24.0	20.2	30.2



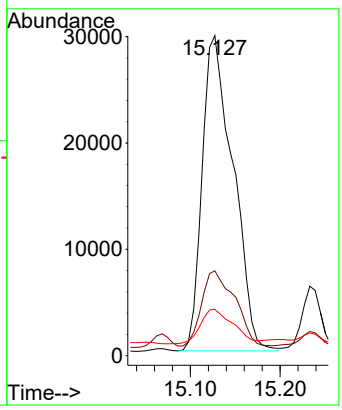


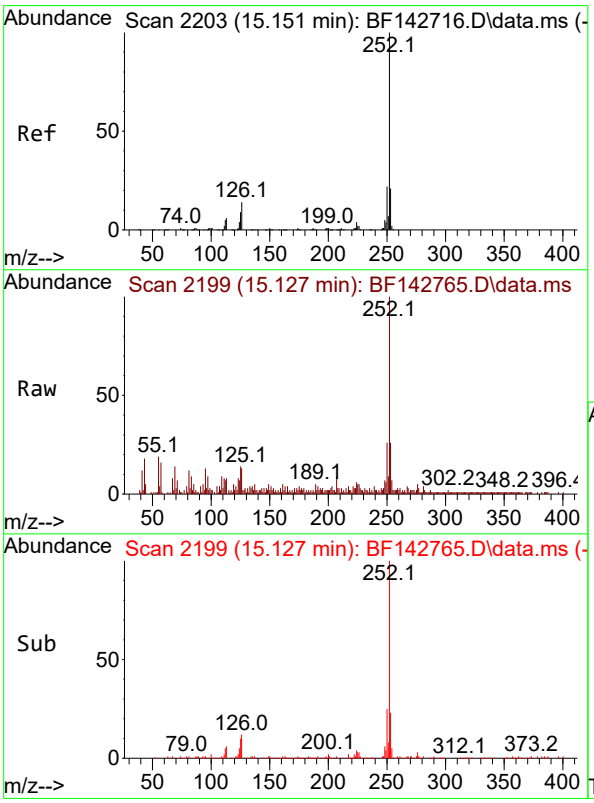
#88
Benzo(b)fluoranthene
Concen: 13.331 ng
RT: 15.127 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Instrument :
BNA_F
ClientSampleId :
SU-03-06042025

Tgt Ion:252 Resp: 70842

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.7	26.5
125	14.5	7.8	11.6#

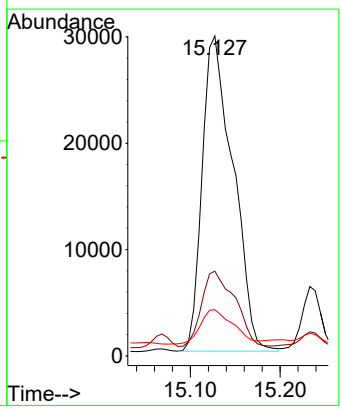


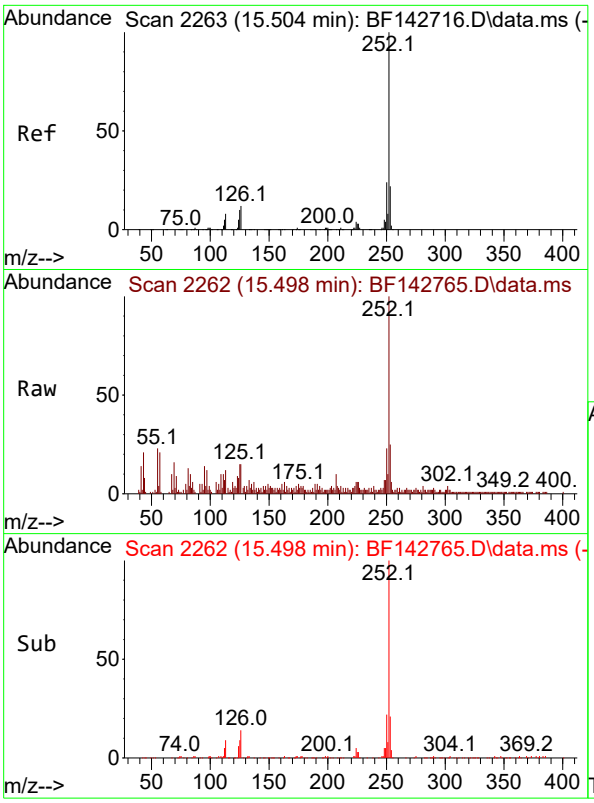


#89
Benzo(k)fluoranthene
Concen: 13.740 ng
RT: 15.127 min Scan# 2199
Delta R.T. -0.024 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Tgt Ion:252 Resp: 70842

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.3	25.9#
125	14.5	7.5	11.3#



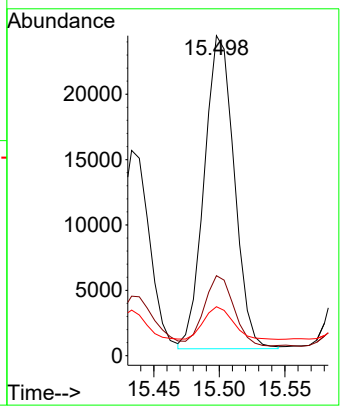


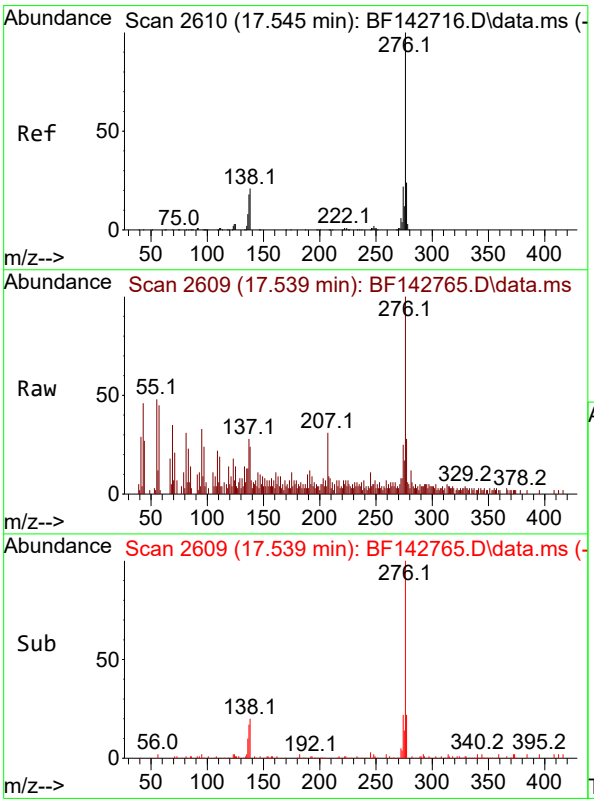
#90
Benzo(a)pyrene
Concen: 7.556 ng
RT: 15.498 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Instrument :
BNA_F
ClientSampleId :
SU-03-06042025

Tgt Ion:252 Resp: 38176

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.3	25.9
125	15.3	8.0	12.0#





#92
Benzo(g,h,i)perylene
Concen: 3.534 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BF142765.D
Acq: 12 Jun 2025 18:57

Tgt Ion:276 Resp: 19188

Ion	Ratio	Lower	Upper
276	100		
277	27.6	18.8	28.2
138	24.3	16.4	24.6