Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
Data File : BF143256.D
Acq On : 25 Jul 2025 17:47
Operator : RC/JU
Sample : Q2684-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-07232025

Quant Time: Jul 25 18:12:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	66310	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	229850	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	114595	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	207342	20.000	ng		0.00
76) Chrysene-d12	14.127	240	180722	20.000	ng		0.00
86) Perylene-d12	15.639	264	134037	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	31419	7.498	ng		0.00
7) Phenol-d6	6.581	99	39444	7.479	ng		0.00
23) Nitrobenzene-d5	7.510	82	24137	5.235	ng		-0.01
42) 2,4,6-Tribromophenol	10.786	330	9039	7.635	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	48520	5.791	ng		0.00
79) Terphenyl-d14	13.068	244	58352	4.805	ng		0.00
Target Compounds							Qvalue
52) Acenaphthene	10.027	154	24416	3.726	ng		94
55) Dibenzofuran	10.204	168	31387	3.226	ng	#	96
58) Fluorene	10.545	166	49861	6.829	ng		98
71) Phenanthrene	11.510	178	467357	42.451	ng		99
72) Anthracene	11.563	178	133997	11.934	ng		100
73) Carbazole	11.710	167	40920	4.174	ng		96
75) Fluoranthene	12.704	202	677690	67.065	ng		99
78) Pyrene	12.933	202	641879	41.617	ng		99
81) Benzo(a)anthracene	14.121	228	316704	26.175	ng		97
83) Chrysene	14.157	228	233188	21.436	ng		97
87) Indeno(1,2,3-cd)pyrene	17.174	276	76975	8.144	ng		94
88) Benzo(b)fluoranthene	15.192	252	283359	34.605	ng	#	94
89) Benzo(k)fluoranthene	15.192	252	283359	38.779	ng	#	95
90) Benzo(a)pyrene	15.574	252	152058	20.155	ng		96
91) Dibenzo(a,h)anthracene	17.186	278	20795	2.703	ng	#	76
92) Benzo(g,h,i)perylene	17.639	276	72594	9.755	ng		98

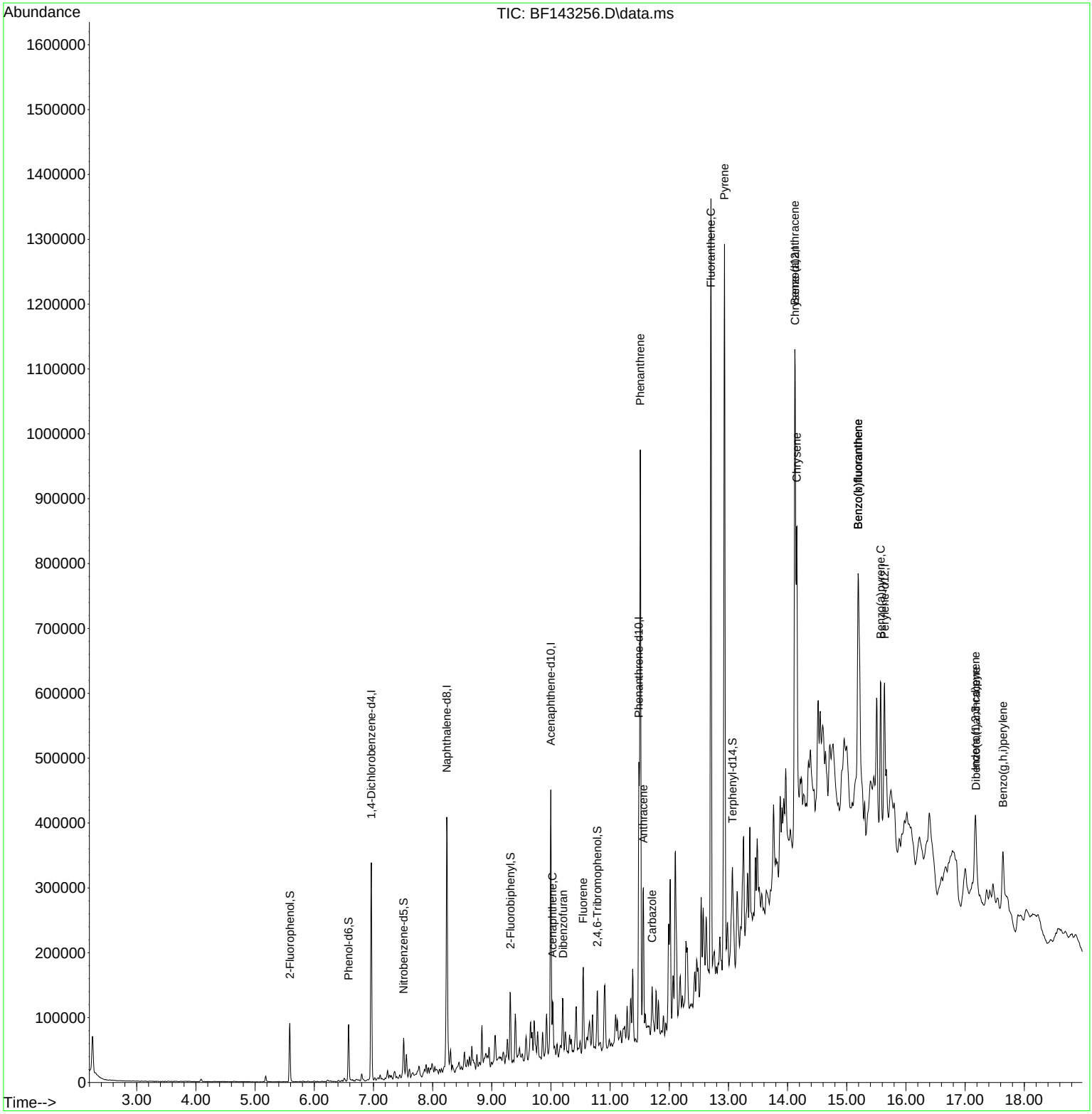
(#) = qualifier out of range (m) = manual integration (+) = signals summed

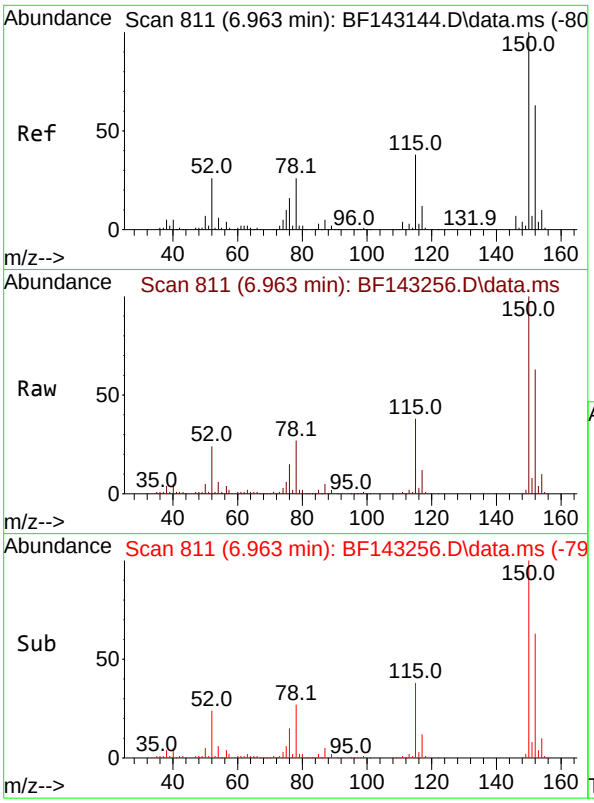
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
Data File : BF143256.D
Acq On : 25 Jul 2025 17:47
Operator : RC/JU
Sample : Q2684-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-07232025

Quant Time: Jul 25 18:12:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



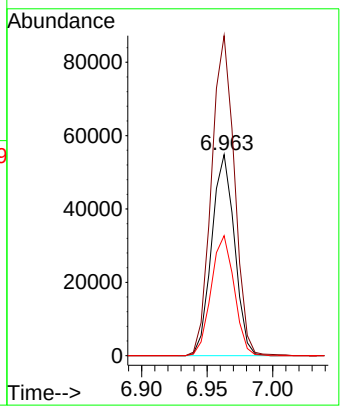


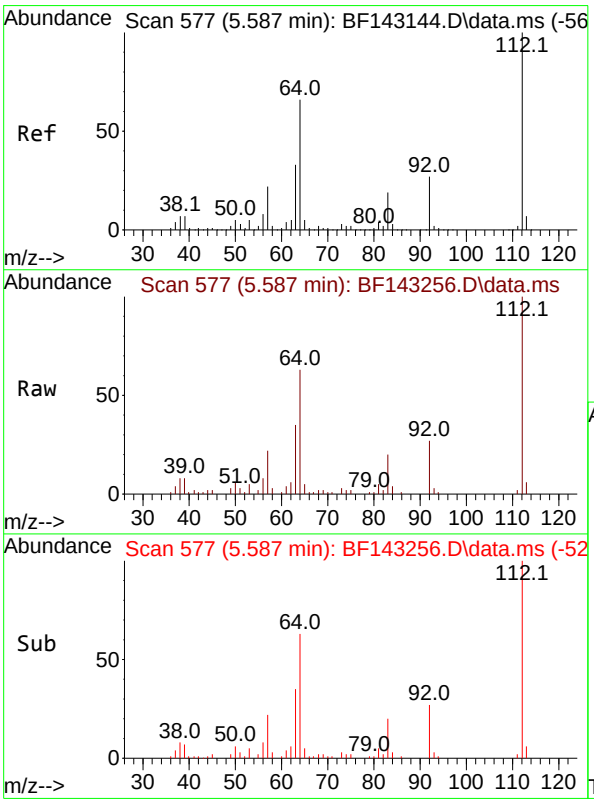
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Instrument :
BNA_F
ClientSampleId :
PL-02-07232025

Tgt Ion:152 Resp: 66310

Ion	Ratio	Lower	Upper
152	100		
150	159.1	128.2	192.4
115	59.7	47.9	71.9

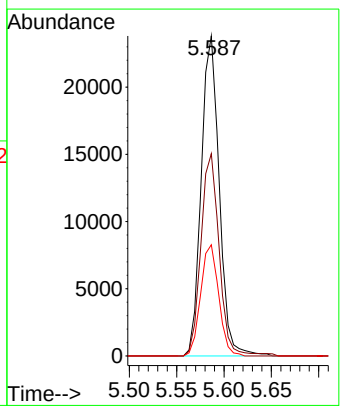


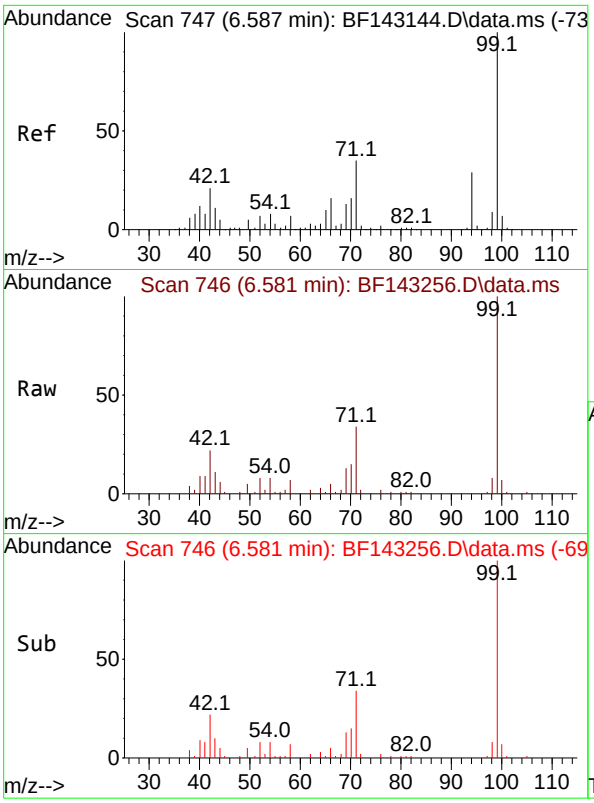


#5
2-Fluorophenol
Concen: 7.498 ng
RT: 5.587 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Tgt Ion:112 Resp: 31419

Ion	Ratio	Lower	Upper
112	100		
64	63.2	53.1	79.7
63	34.8	26.6	40.0



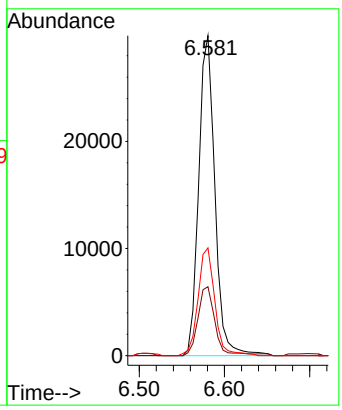


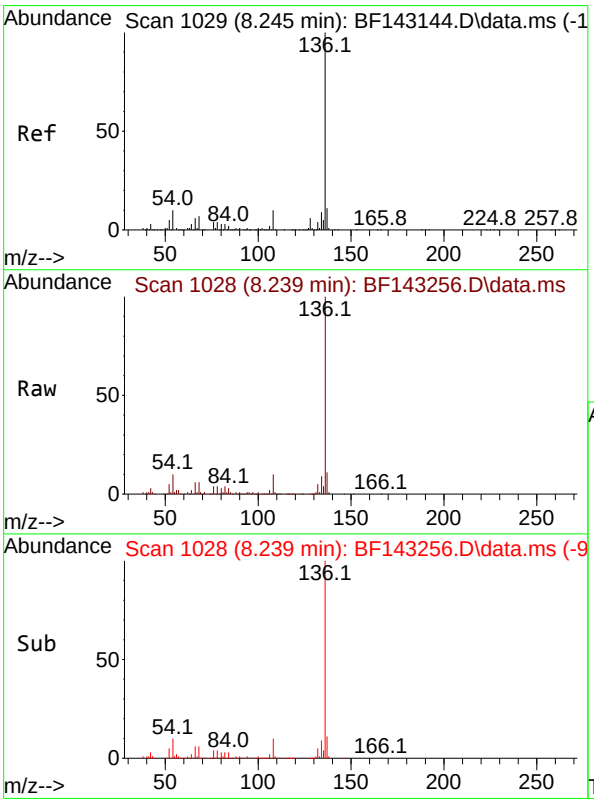
#7
Phenol-d6
Concen: 7.479 ng
RT: 6.581 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Instrument :
BNA_F
ClientSampleId :
PL-02-07232025

Tgt Ion: 99 Resp: 39444

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.0	25.6
71	33.7	27.7	41.5

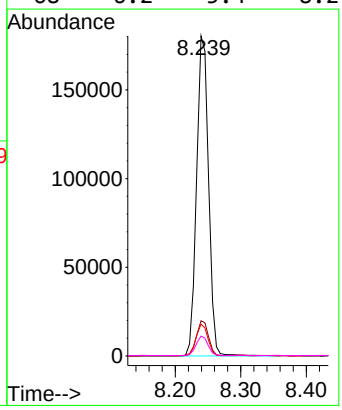


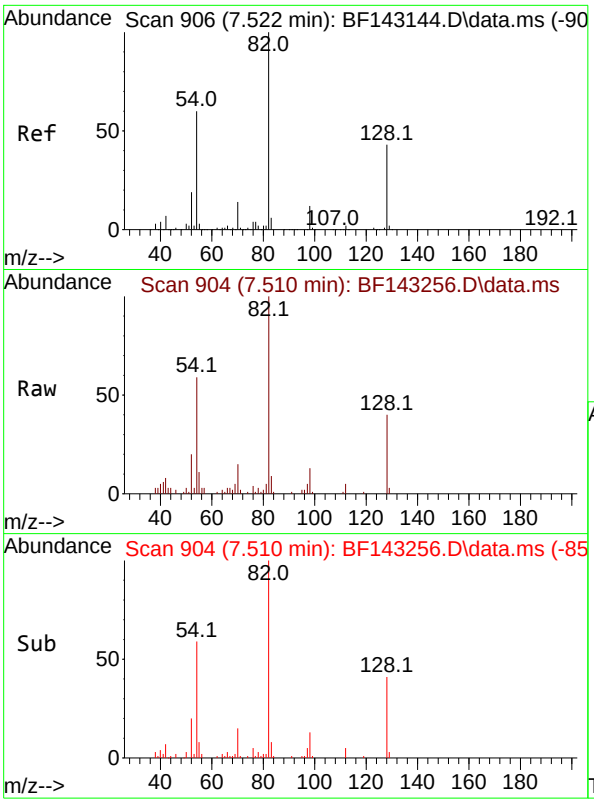


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Tgt Ion:136 Resp: 229850

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.0	8.2	12.2
68	6.2	5.4	8.2



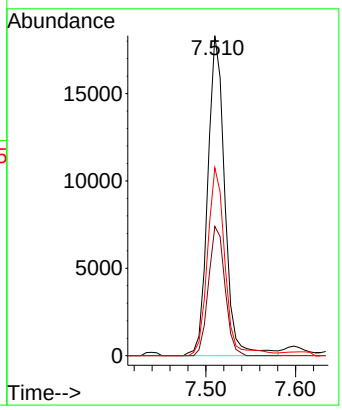


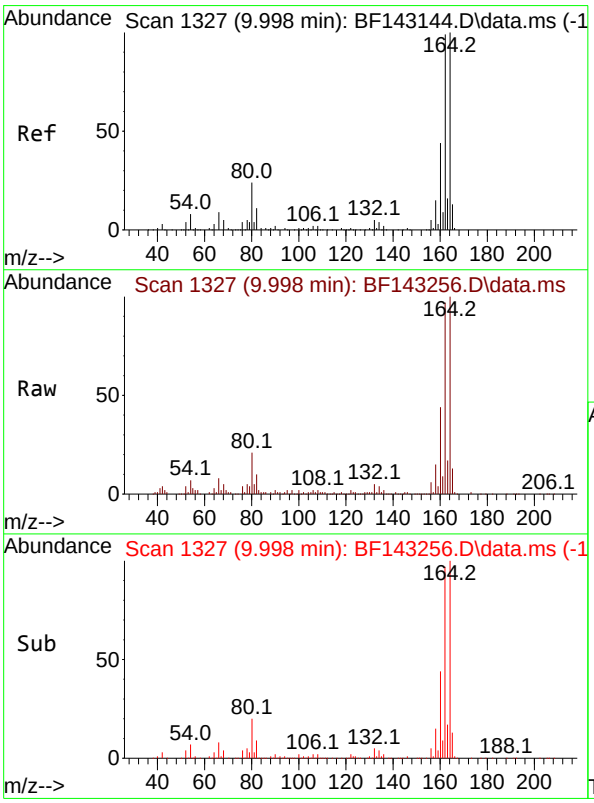
#23
Nitrobenzene-d5
Concen: 5.235 ng
RT: 7.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Instrument :
BNA_F
ClientSampleId :
PL-02-07232025

Tgt Ion: 82 Resp: 24137

Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.6	50.4
54	58.7	47.1	70.7

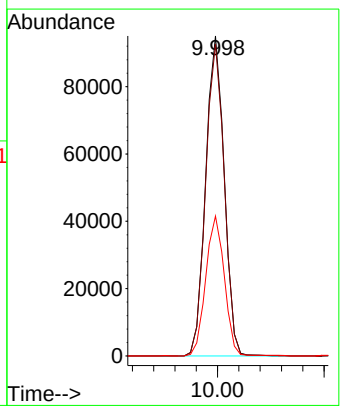


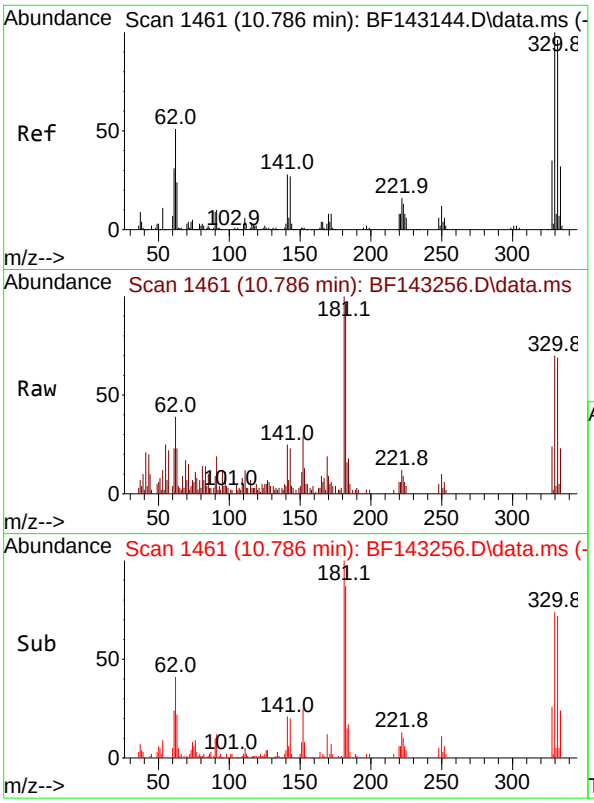


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Tgt Ion:164 Resp: 114595

Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.0	118.6
160	43.7	35.1	52.7



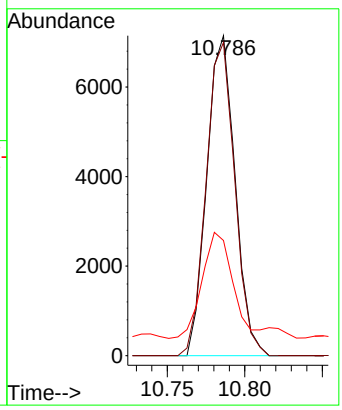


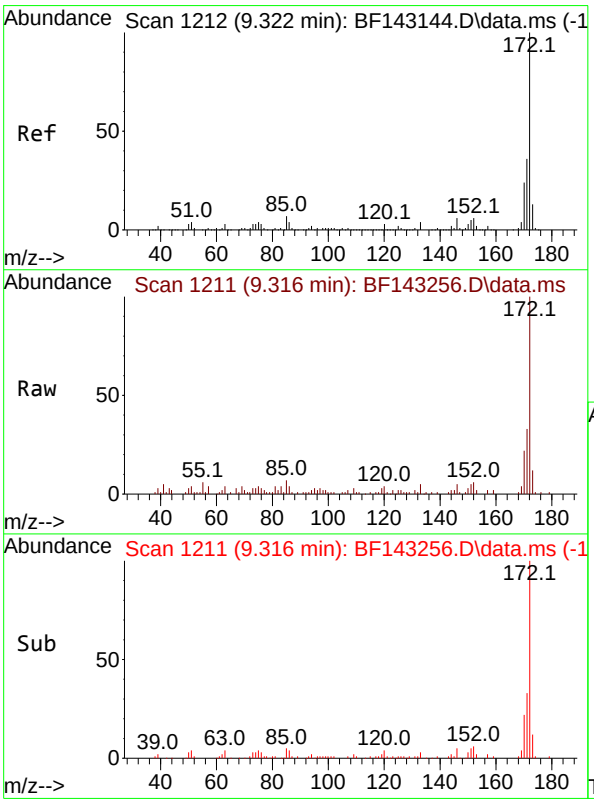
#42
2,4,6-Tribromophenol
Concen: 7.635 ng
RT: 10.786 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Instrument :
BNA_F
ClientSampleId :
PL-02-07232025

Tgt Ion:330 Resp: 9039

Ion	Ratio	Lower	Upper
330	100		
332	99.7	76.7	115.1
141	36.1	23.3	34.9#

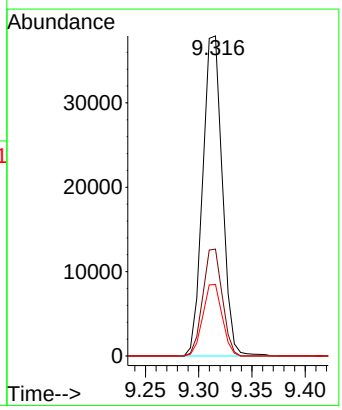


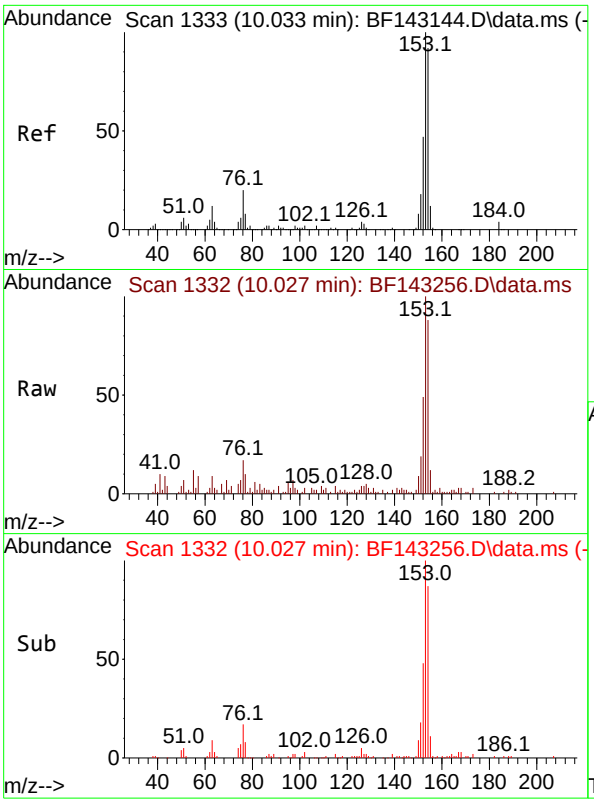


#45
2-Fluorobiphenyl
Concen: 5.791 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Tgt Ion:172 Resp: 48520

Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.6	42.8
170	22.3	18.8	28.2



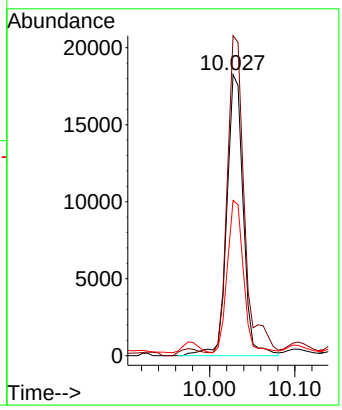


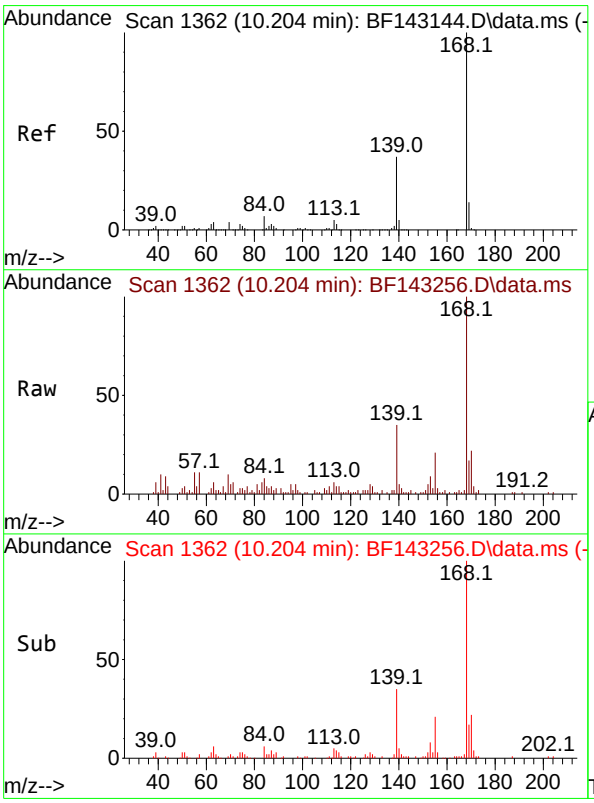
#52
Acenaphthene
Concen: 3.726 ng
RT: 10.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Instrument :
BNA_F
ClientSampleId :
PL-02-07232025

Tgt Ion:154 Resp: 24416

Ion	Ratio	Lower	Upper
154	100		
153	113.8	86.6	129.8
152	55.2	40.4	60.6

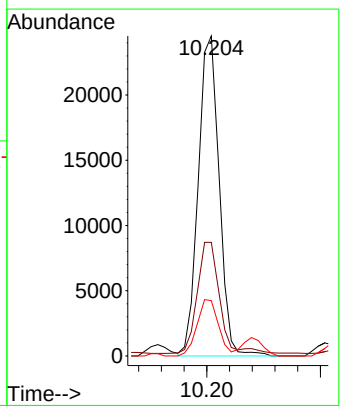


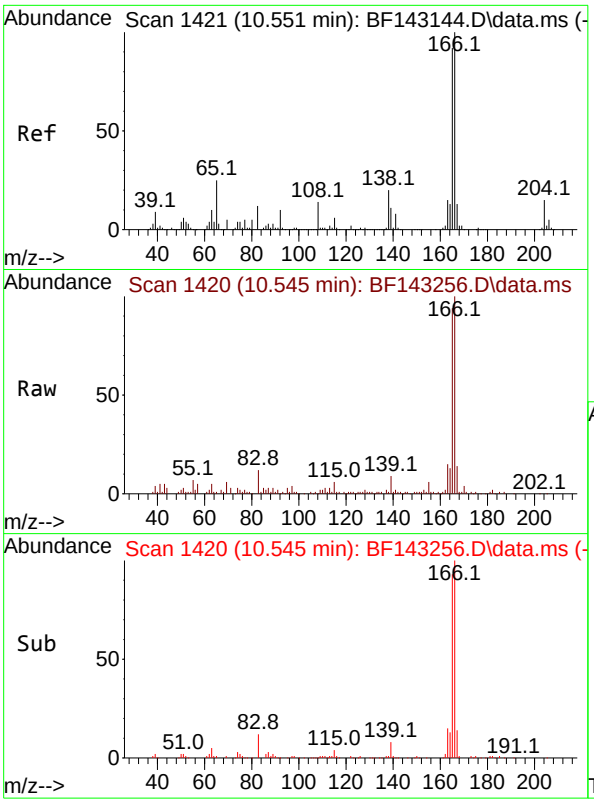


#55
Dibenzofuran
Concen: 3.226 ng
RT: 10.204 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Tgt Ion:168 Resp: 31387

Ion	Ratio	Lower	Upper
168	100		
139	35.5	29.5	44.3
169	17.3	10.9	16.3#



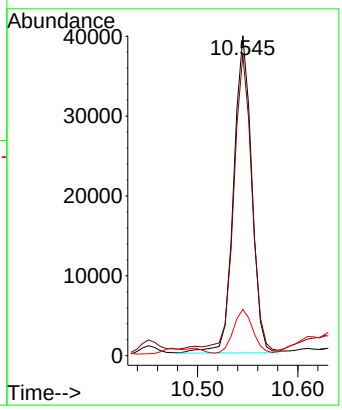


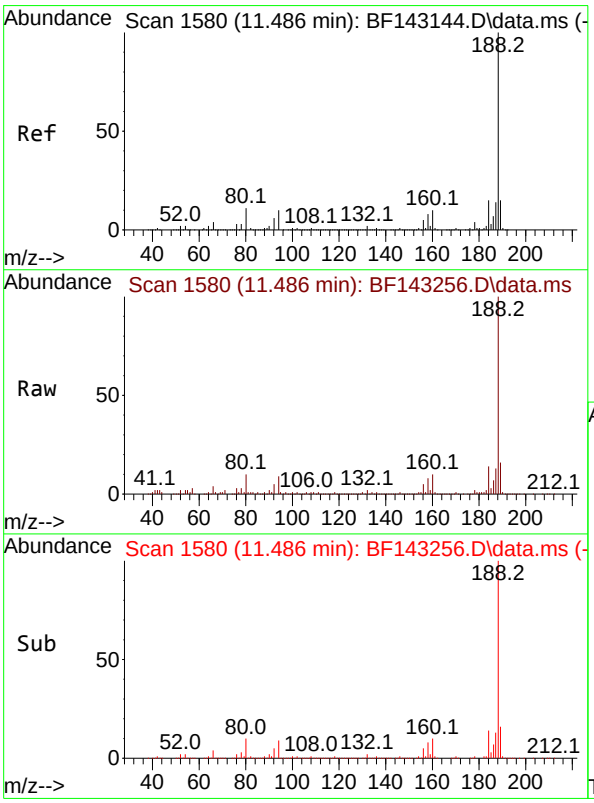
#58
Fluorene
Concen: 6.829 ng
RT: 10.545 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Instrument :
BNA_F
ClientSampleId :
PL-02-07232025

Tgt Ion:166 Resp: 49861

Ion	Ratio	Lower	Upper
166	100		
165	93.9	73.7	110.5
167	14.5	10.6	16.0

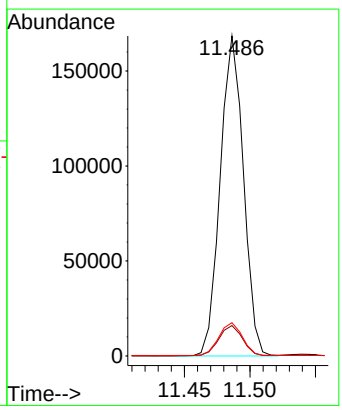


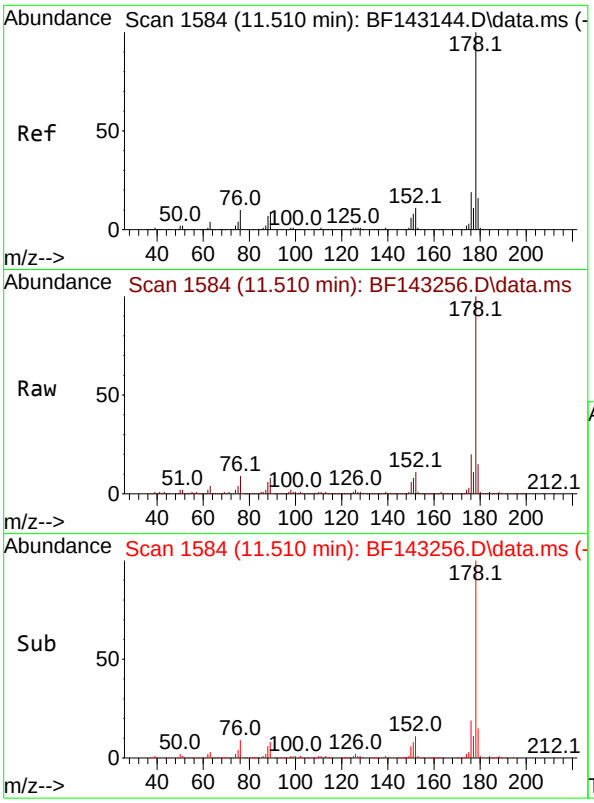


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Tgt Ion:188 Resp: 207342

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.3	12.5
80	10.4	9.0	13.6



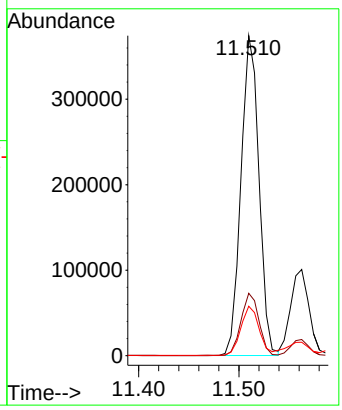


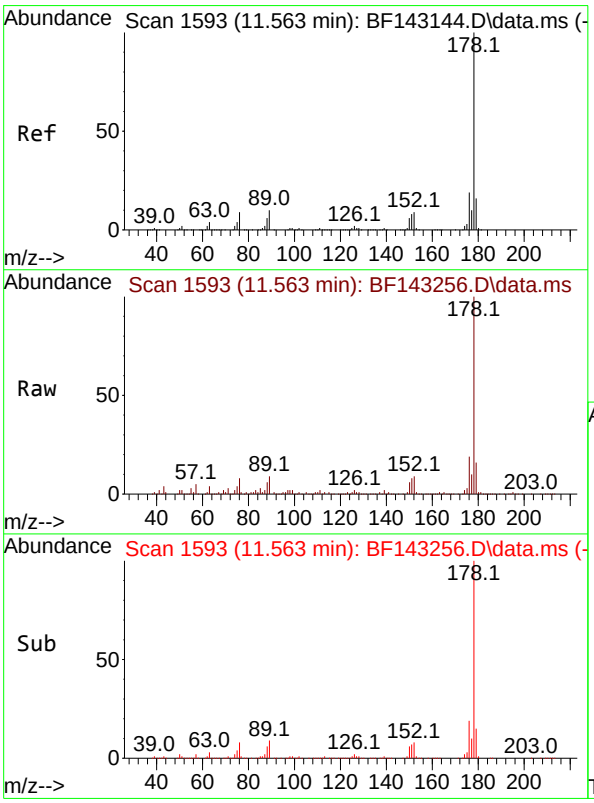
#71
Phenanthrene
Concen: 42.451 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Instrument :
BNA_F
ClientSampleId :
PL-02-07232025

Tgt Ion:178 Resp: 467357

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.5	12.5	18.7

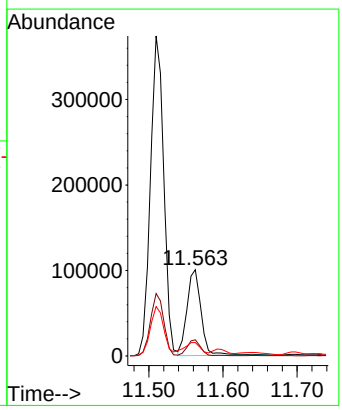


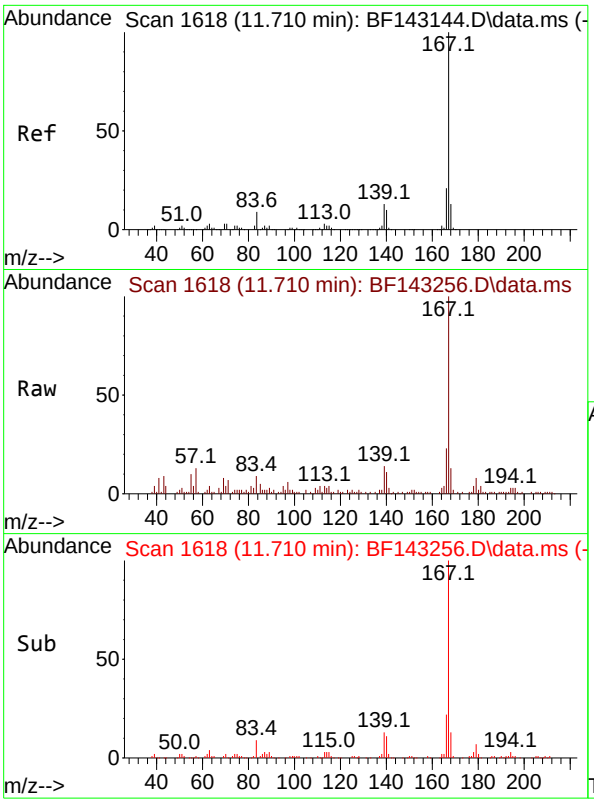


#72
Anthracene
Concen: 11.934 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Tgt Ion:178 Resp: 133997

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.6	12.5	18.7



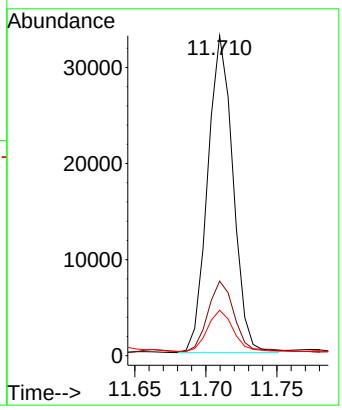


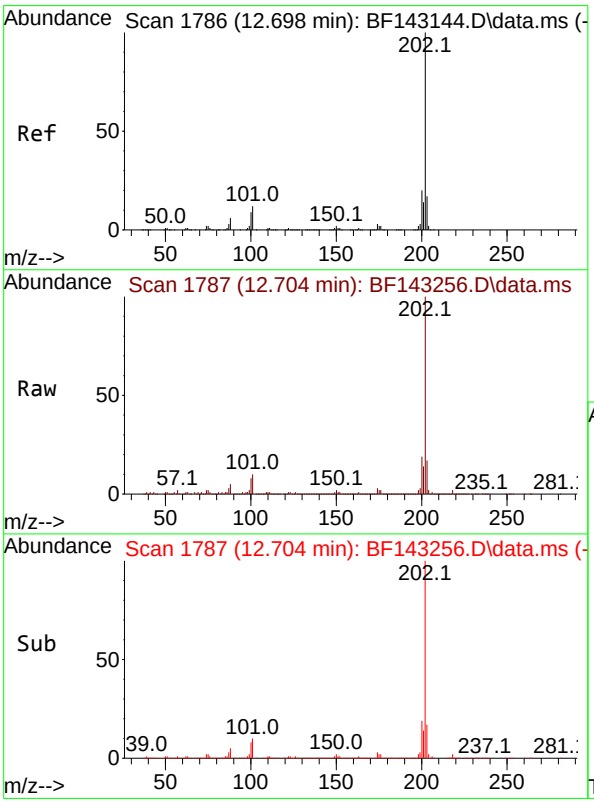
#73
Carbazole
Concen: 4.174 ng
RT: 11.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Instrument :
BNA_F
ClientSampleId :
PL-02-07232025

Tgt Ion:167 Resp: 40920

Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.0	25.6
139	14.2	10.0	15.0

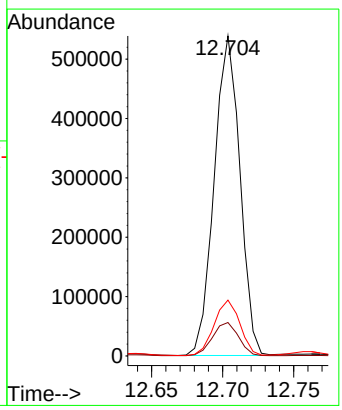


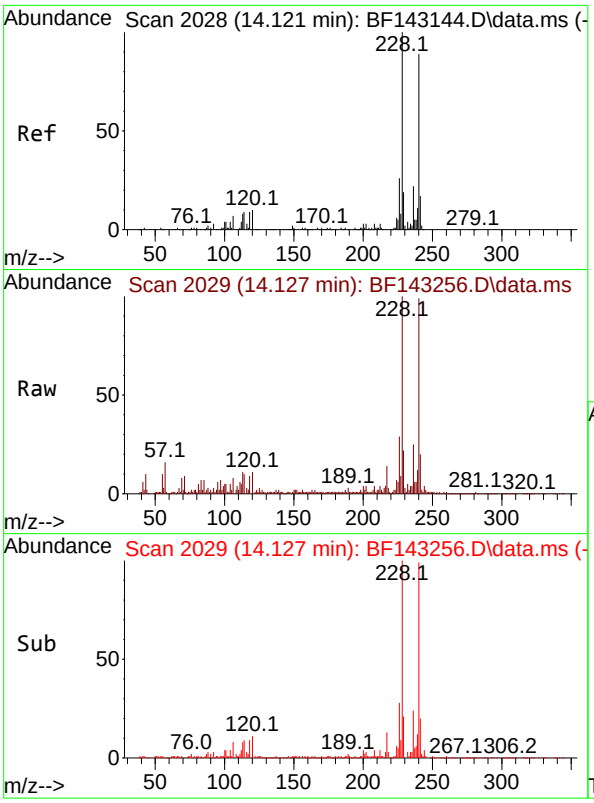


#75
Fluoranthene
Concen: 67.065 ng
RT: 12.704 min Scan# 1787
Delta R.T. 0.006 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Tgt Ion:202 Resp: 677690

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.7
203	17.5	0.0	37.4



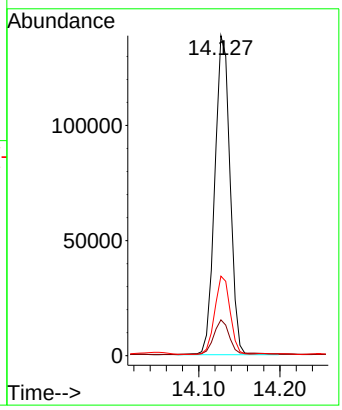


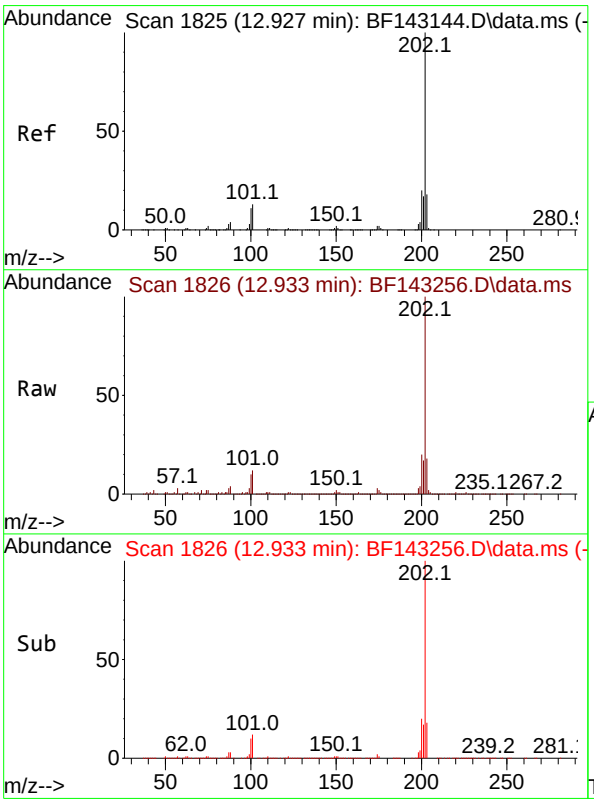
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Instrument :
BNA_F
ClientSampleId :
PL-02-07232025

Tgt Ion:240 Resp: 180722

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.4	14.2
236	24.9	20.2	30.4

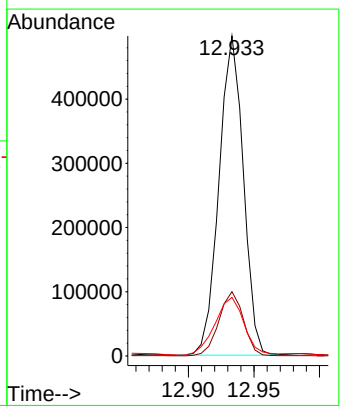


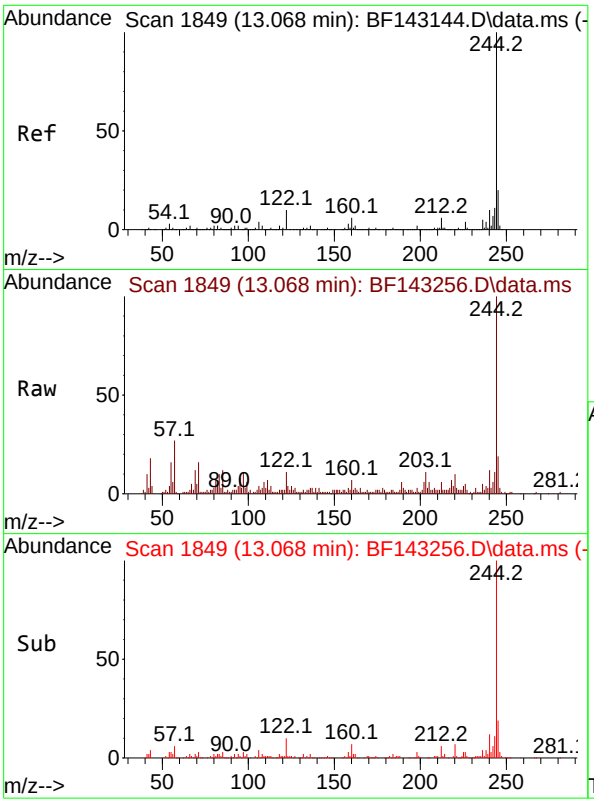


#78
Pyrene
Concen: 41.617 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Tgt Ion:202 Resp: 641879

Ion	Ratio	Lower	Upper
202	100		
200	20.1	15.7	23.5
203	18.3	14.2	21.2



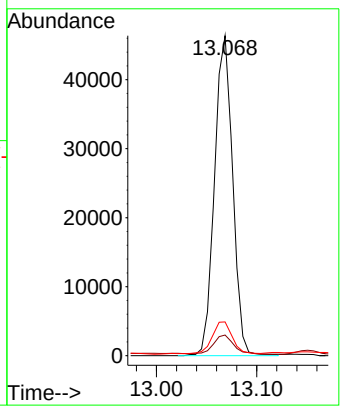


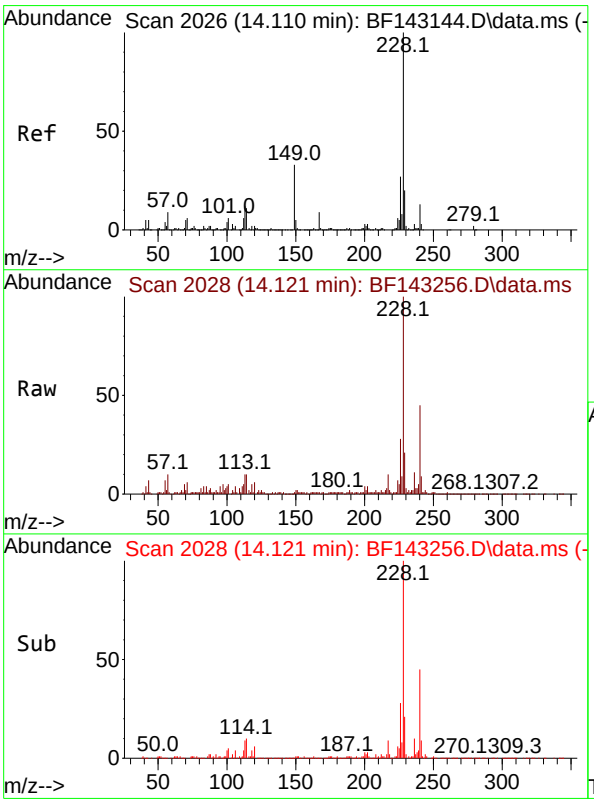
#79
Terphenyl-d14
Concen: 4.805 ng
RT: 13.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Instrument :
BNA_F
ClientSampleId :
PL-02-07232025

Tgt Ion:244 Resp: 58352

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	10.6	8.2	12.2

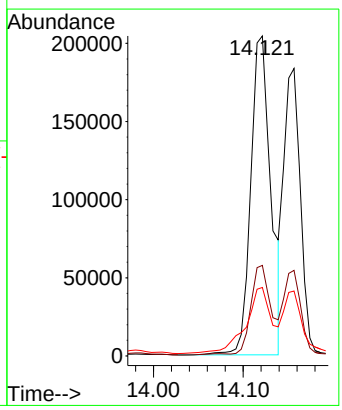


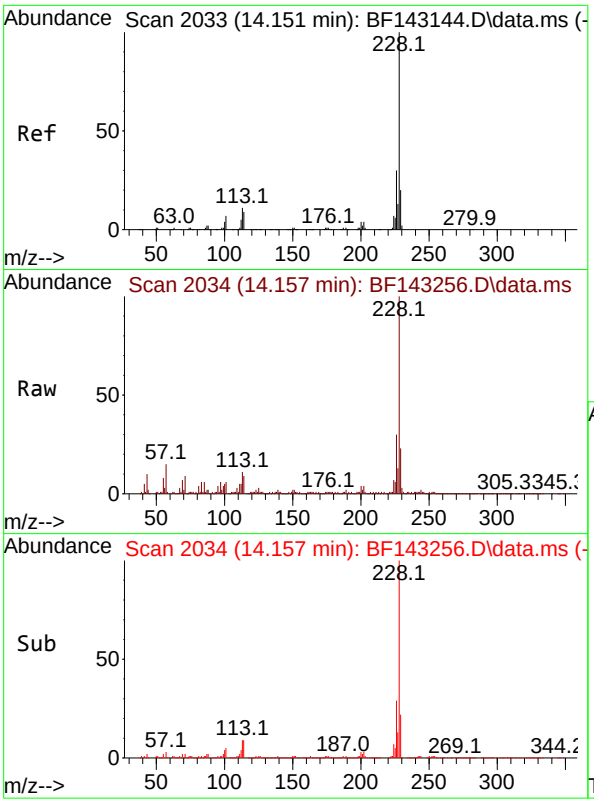


#81
Benzo(a)anthracene
Concen: 26.175 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.012 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Tgt Ion:228 Resp: 316704

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.7	32.5
229	21.4	15.8	23.6



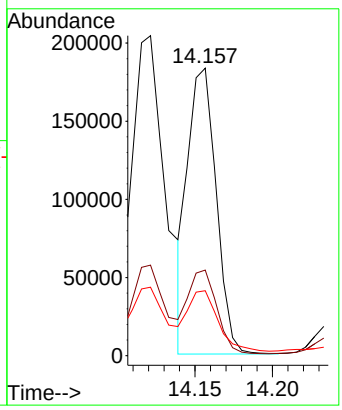


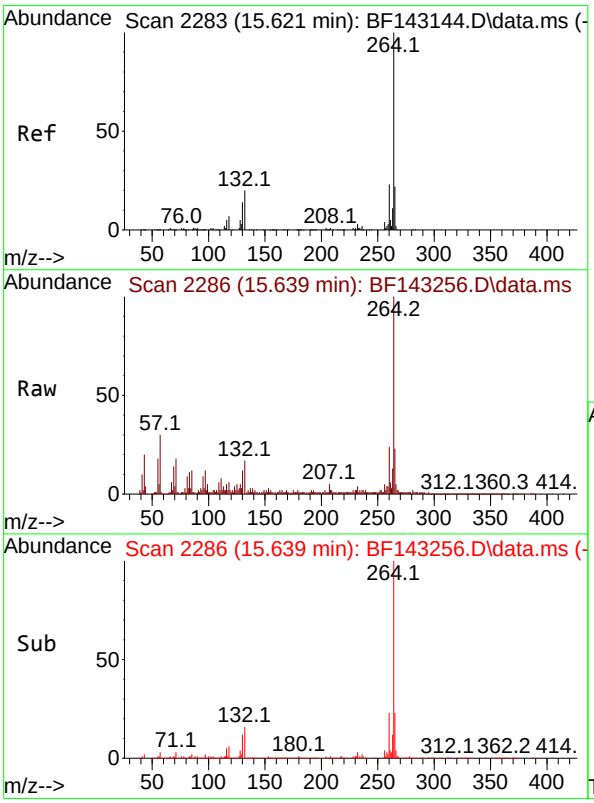
#83
Chrysene
Concen: 21.436 ng
RT: 14.157 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Instrument :
BNA_F
ClientSampleId :
PL-02-07232025

Tgt Ion:228 Resp: 233188

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	22.6	15.6	23.4

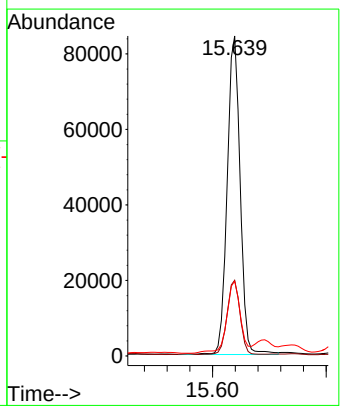


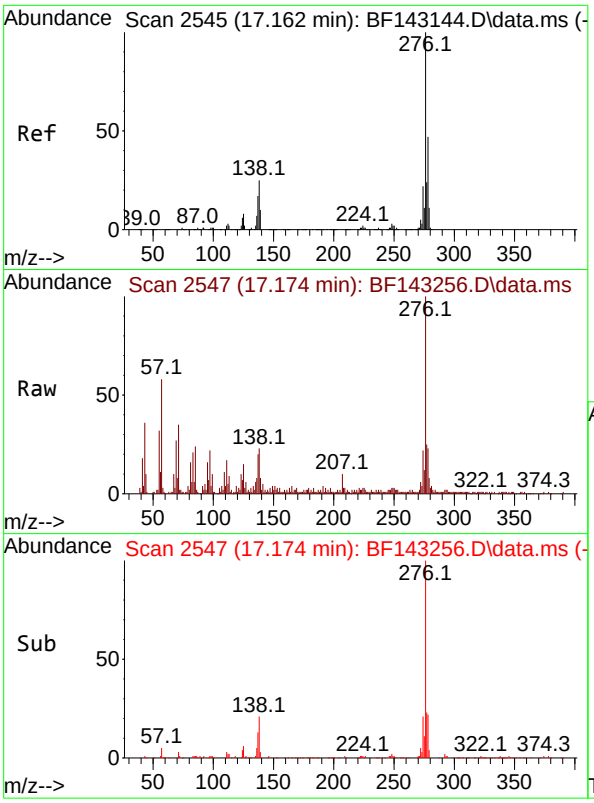


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2286
Delta R.T. 0.018 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Tgt Ion:264 Resp: 134037

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	23.4	17.4	26.2



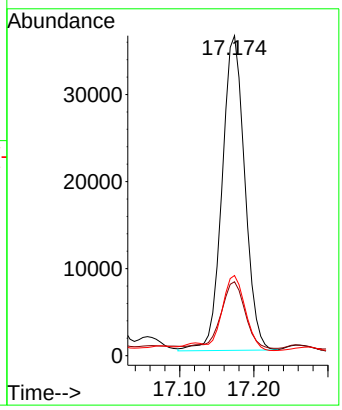


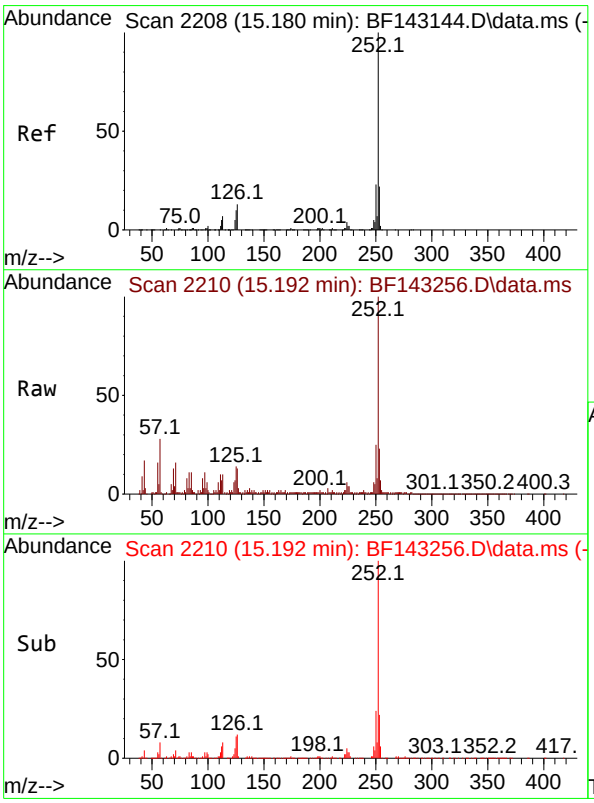
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.144 ng
RT: 17.174 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Instrument :
BNA_F
ClientSampleId :
PL-02-07232025

Tgt Ion:276 Resp: 76975

Ion	Ratio	Lower	Upper
276	100		
138	22.7	21.8	32.6
277	23.9	20.0	30.0

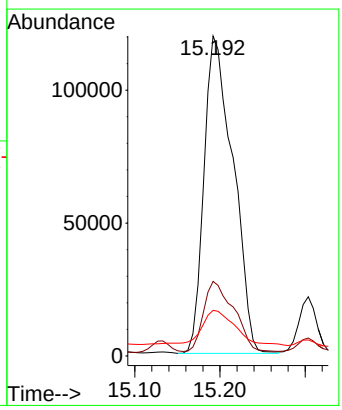


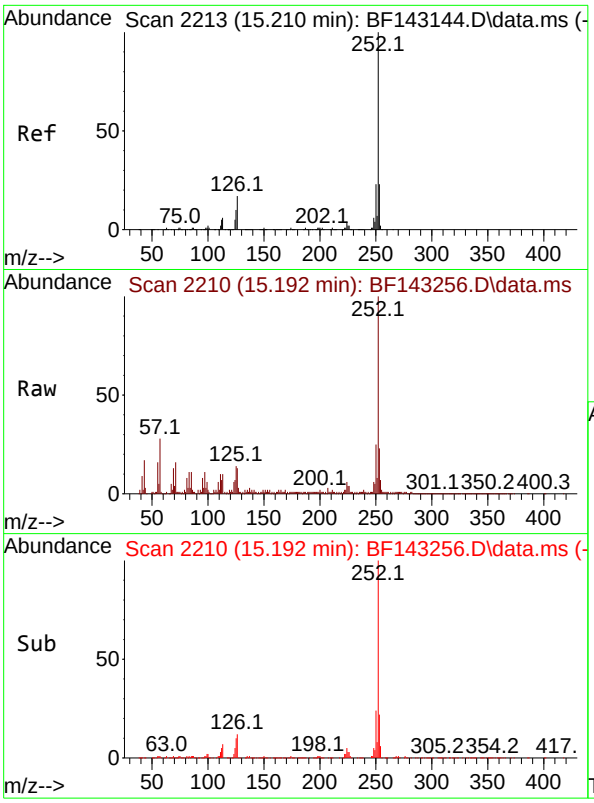


#88
Benzo(b)fluoranthene
Concen: 34.605 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Tgt Ion:252 Resp: 283359

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	14.3	8.0	12.0#



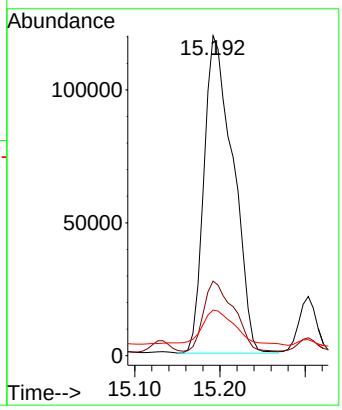


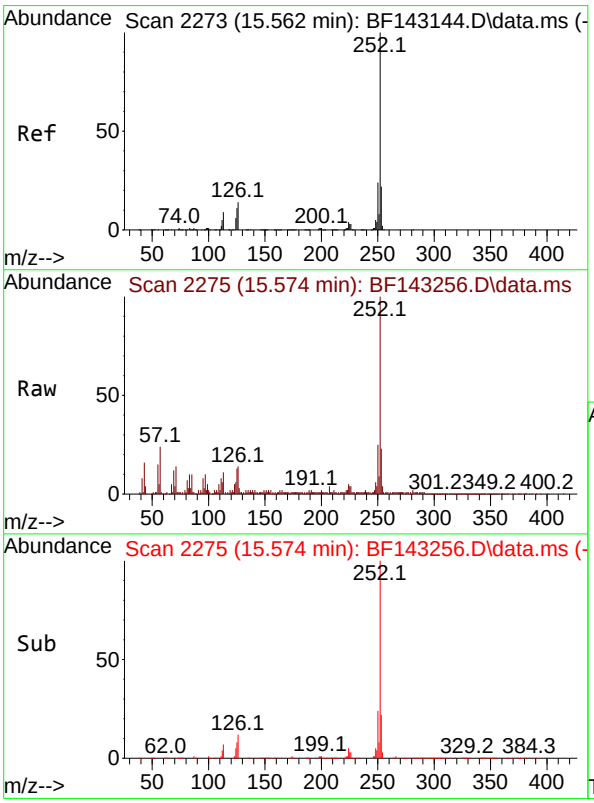
#89
Benzo(k)fluoranthene
Concen: 38.779 ng
RT: 15.192 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Instrument :
BNA_F
ClientSampleId :
PL-02-07232025

Tgt Ion:252 Resp: 283359

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	14.3	8.1	12.1#

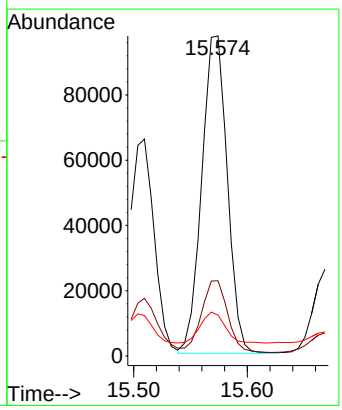


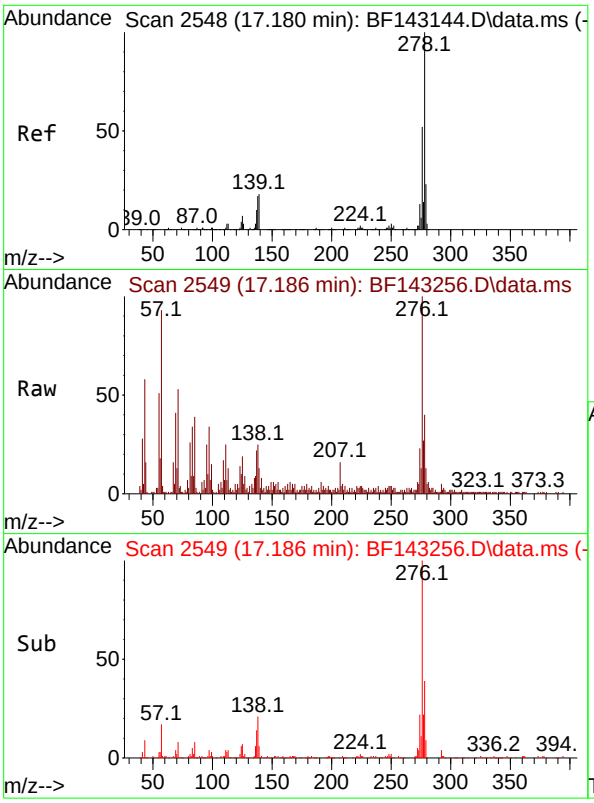


#90
Benzo(a)pyrene
Concen: 20.155 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.012 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Tgt Ion:252 Resp: 152058

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	12.7	8.6	13.0



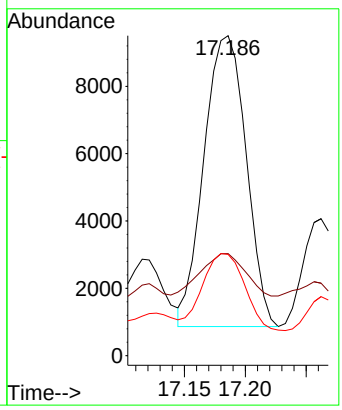


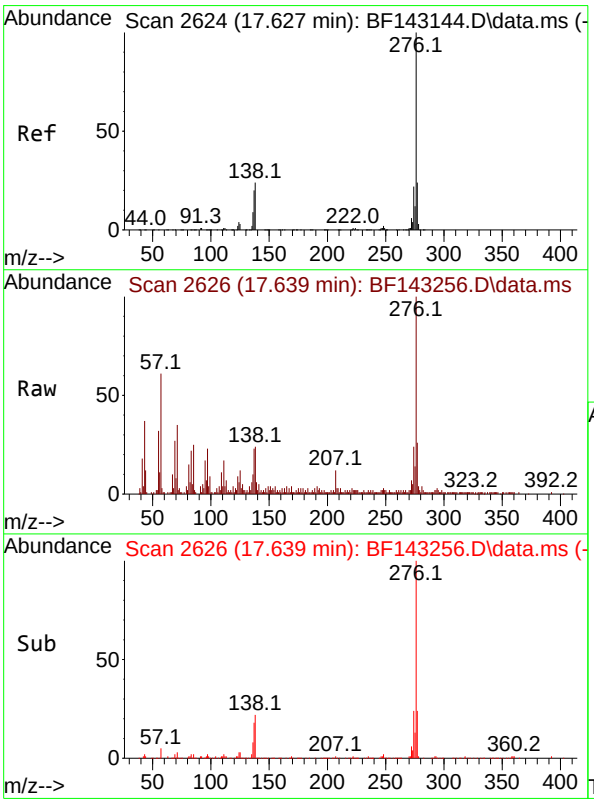
#91
Dibenzo(a,h)anthracene
Concen: 2.703 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Instrument :
BNA_F
ClientSampleId :
PL-02-07232025

Tgt Ion:278 Resp: 20795

Ion	Ratio	Lower	Upper
278	100		
139	31.9	14.1	21.1#
279	31.7	18.6	28.0#





#92
Benzo(g,h,i)perylene
Concen: 9.755 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143256.D
Acq: 25 Jul 2025 17:47

Tgt Ion:276 Resp: 72594

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.1	28.7
138	23.7	18.9	28.3