Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144411.D
Acq On : 02 Dec 2025 19:18
Operator : RC/JU
Sample : Q3750-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Quant Time: Dec 02 23:48:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	35126	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	117388	20.000	ng		-0.01
39) Acenaphthene-d10	9.898	164	59798	20.000	ng		-0.02
64) Phenanthrene-d10	11.392	188	116309	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	117741	20.000	ng		0.00
86) Perylene-d12	15.527	264	95946	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	161644	72.013	ng		0.00
7) Phenol-d6	6.492	99	165370	65.020	ng		0.00
23) Nitrobenzene-d5	7.422	82	103430	50.888	ng		-0.01
42) 2,4,6-Tribromophenol	10.692	330	54369	72.454	ng		-0.01
45) 2-Fluorobiphenyl	9.216	172	215336	53.185	ng		-0.01
79) Terphenyl-d14	12.980	244	307854	41.532	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	14606	8.724	ng	#	81
25) Isophorone	7.422	82	103429	26.903	ng	#	66
51) 2,6-Dinitrotoluene	9.898	165	7891	9.840	ng	#	27
57) 2,4-Dinitrotoluene	9.898	165	7891	7.350	ng	#	27
63) Azobenzene	10.610	77	12538	3.689	ng	#	1
67) 4-Bromophenyl-phenylether	10.692	248	3319	2.236	ng	#	1
71) Phenanthrene	11.416	178	83351	14.394	ng		98
72) Anthracene	11.469	178	14847	2.521	ng		98
75) Fluoranthene	12.610	202	186917	31.247	ng		98
78) Pyrene	12.839	202	199909	21.058	ng		99
81) Benzo(a)anthracene	14.033	228	114502	14.032	ng		96
83) Chrysene	14.068	228	105416	13.994	ng		95
87) Indeno(1,2,3-cd)pyrene	17.027	276	35590	5.167	ng		99
88) Benzo(b)fluoranthene	15.092	252	138909	25.466	ng	#	96
89) Benzo(k)fluoranthene	15.092	252	138909	27.207	ng	#	97
90) Benzo(a)pyrene	15.462	252	65962	13.108	ng	#	98
92) Benzo(g,h,i)perylene	17.480	276	35157	6.436	ng		93

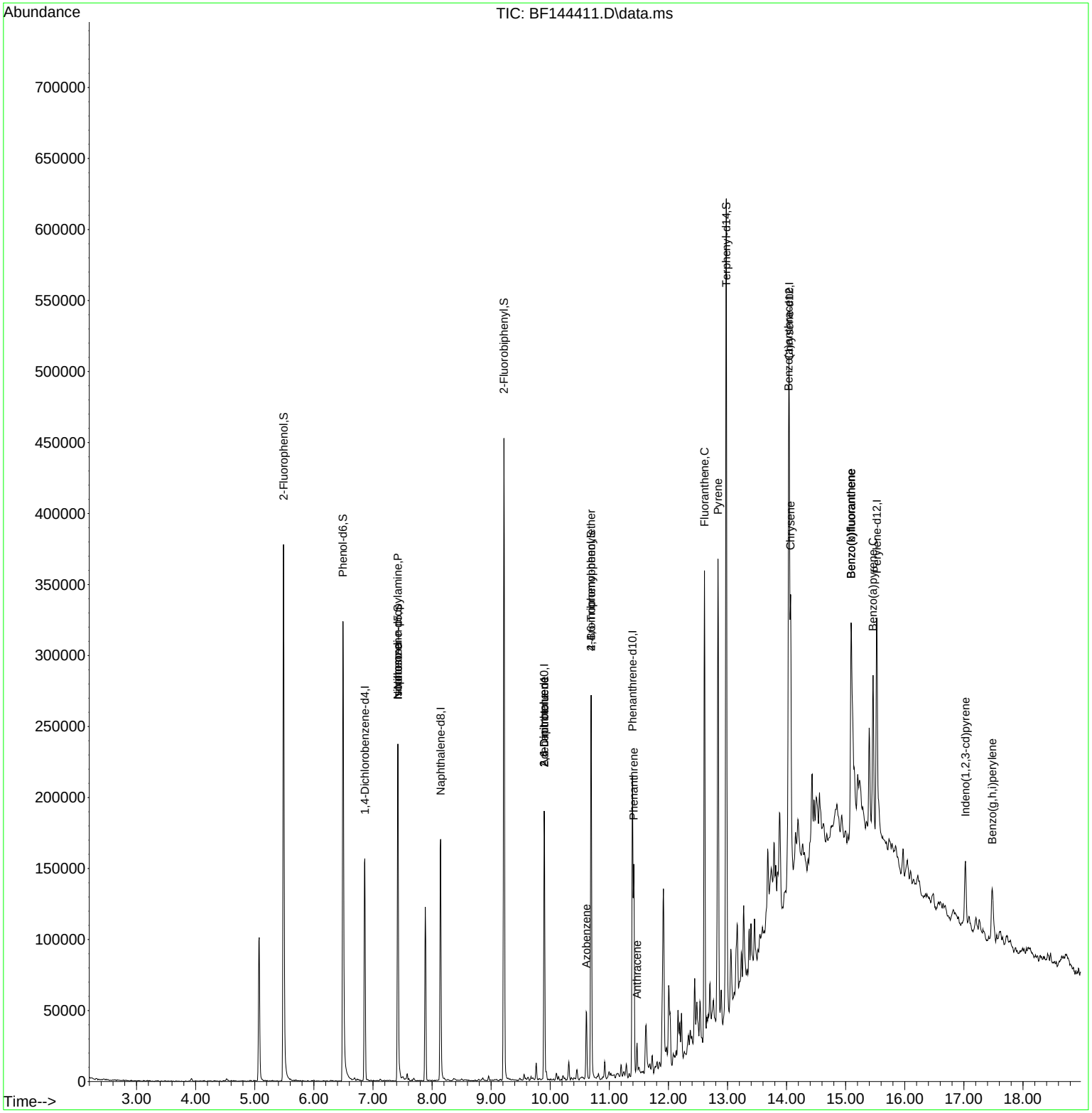
(#) = qualifier out of range (m) = manual integration (+) = signals summed

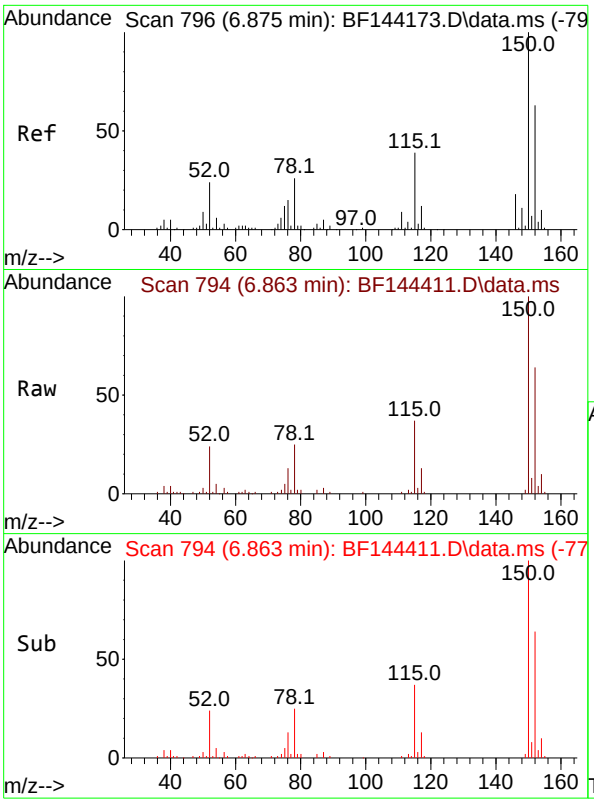
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144411.D
Acq On : 02 Dec 2025 19:18
Operator : RC/JU
Sample : Q3750-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Quant Time: Dec 02 23:48:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



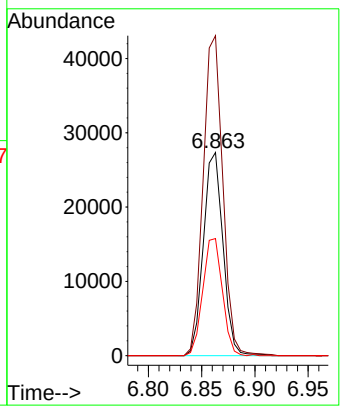


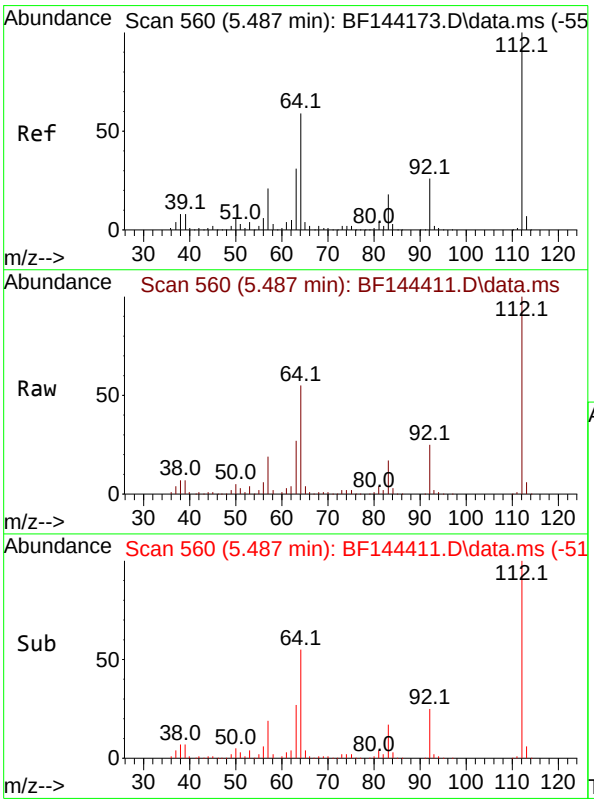
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Tgt Ion:152 Resp: 35126

Ion	Ratio	Lower	Upper
152	100		
150	157.4	127.4	191.0
115	57.6	49.5	74.3

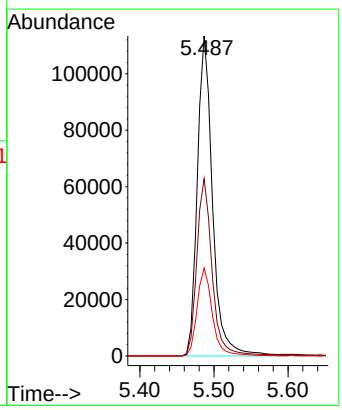


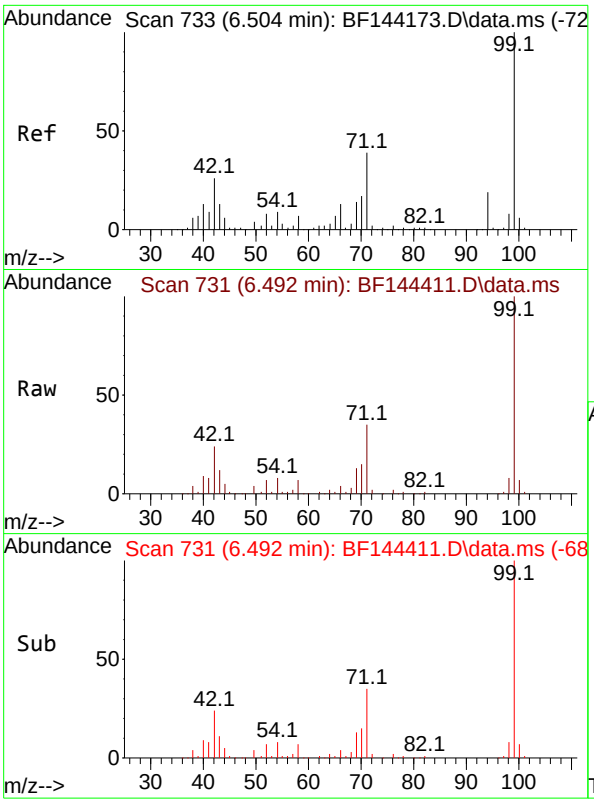


#5
2-Fluorophenol
Concen: 72.013 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Tgt Ion:112 Resp: 161644

Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.2	70.8
63	27.5	24.4	36.6



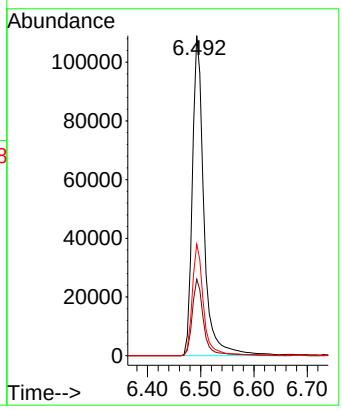


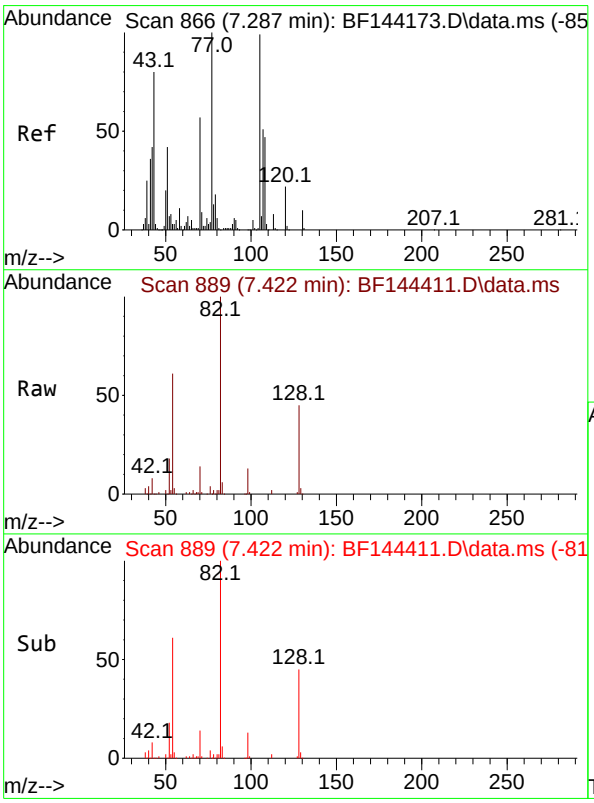
#7
Phenol-d6
Concen: 65.020 ng
RT: 6.492 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Tgt Ion: 99 Resp: 165370

Ion	Ratio	Lower	Upper
99	100		
42	23.9	20.9	31.3
71	34.9	31.4	47.2

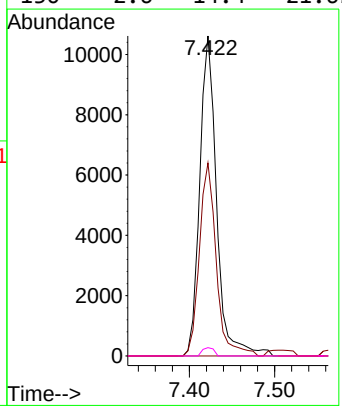


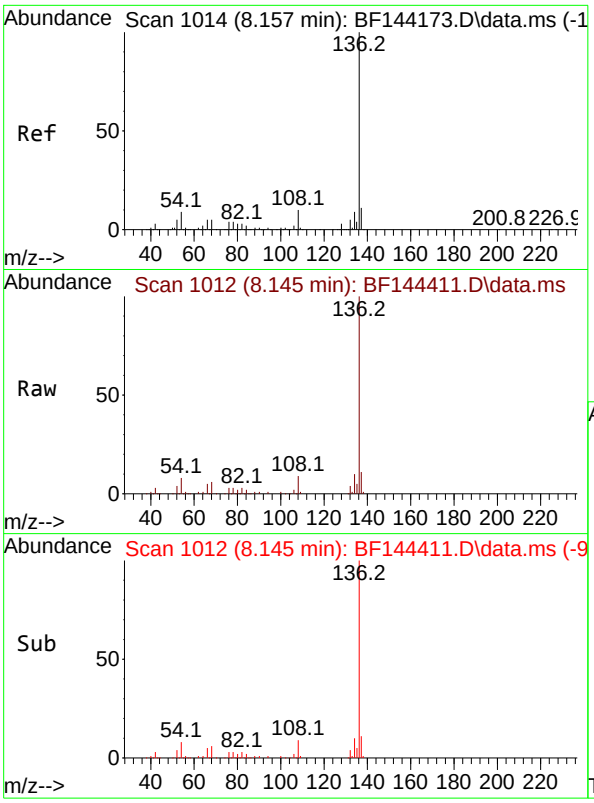


#19
n-Nitroso-di-n-propylamine
Concen: 8.724 ng
RT: 7.422 min Scan# 889
Delta R.T. 0.147 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Tgt Ion: 70 Resp: 14606

Ion	Ratio	Lower	Upper
70	100		
42	60.3	58.3	87.5
101	0.0	7.0	10.6#
130	2.6	14.4	21.6#



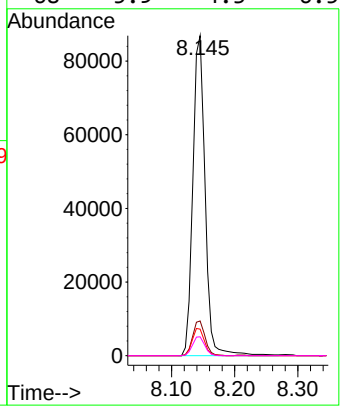


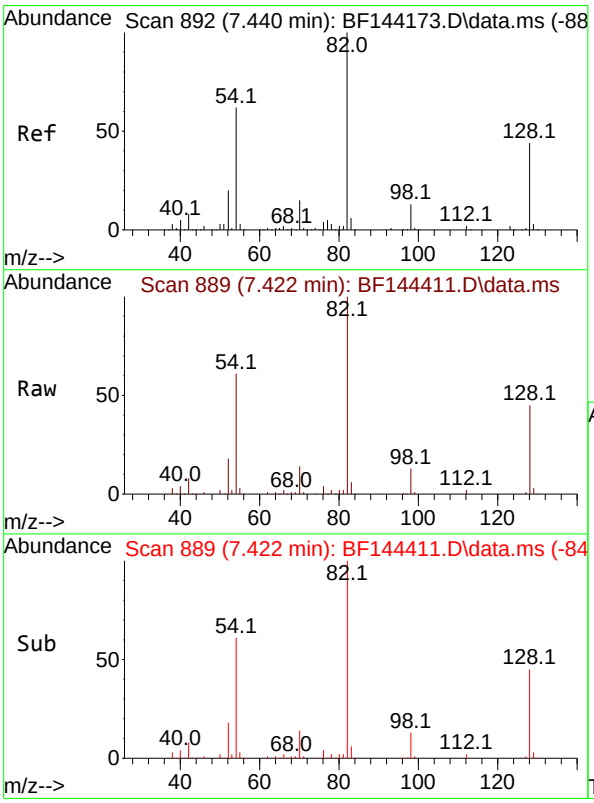
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Tgt Ion:136 Resp: 117388

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.3	7.0	10.6
68	5.9	4.3	6.5

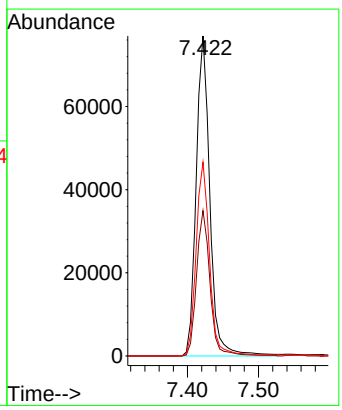


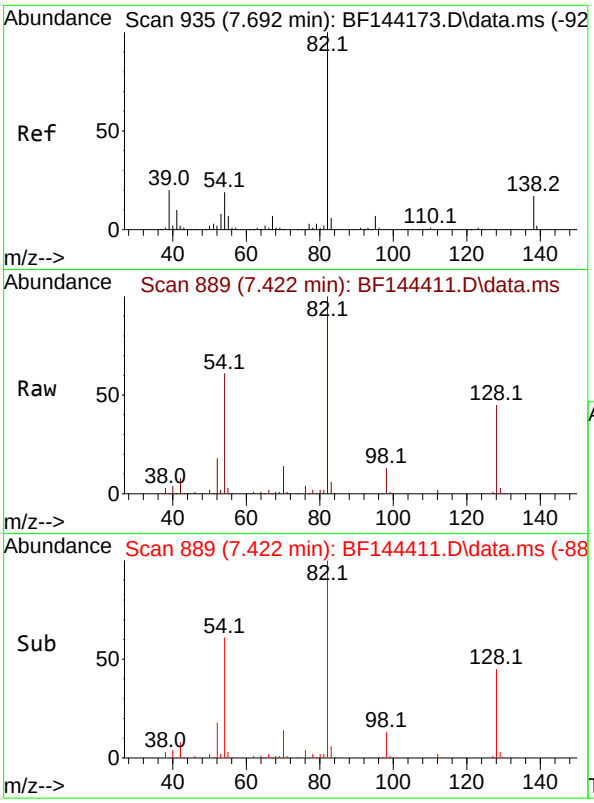


#23
Nitrobenzene-d5
Concen: 50.888 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Tgt Ion: 82 Resp: 103430

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.7	52.1
54	60.6	49.5	74.3



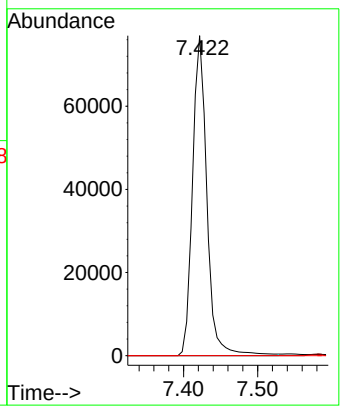


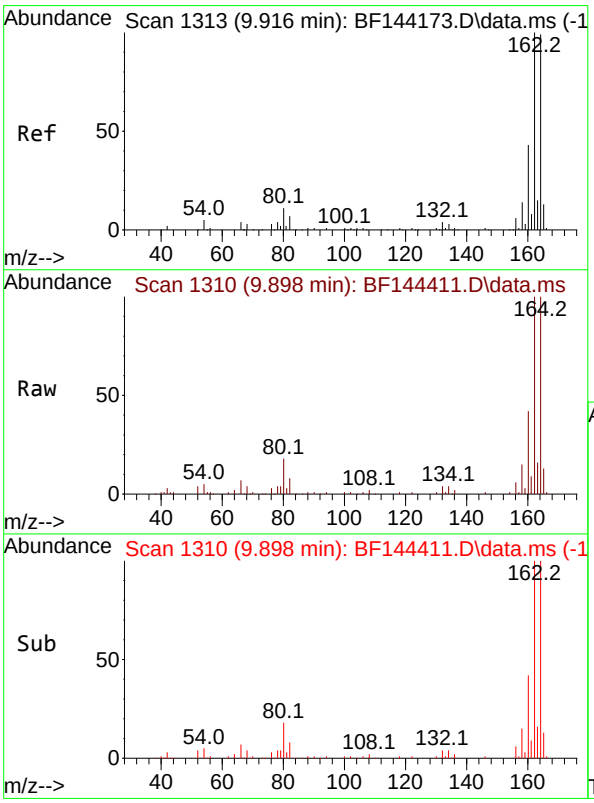
#25
Isophorone
Concen: 26.903 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Tgt Ion: 82 Resp: 103429

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	13.7	20.5#

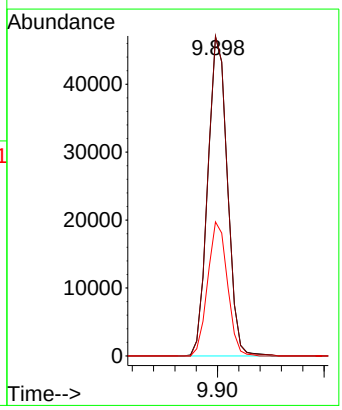


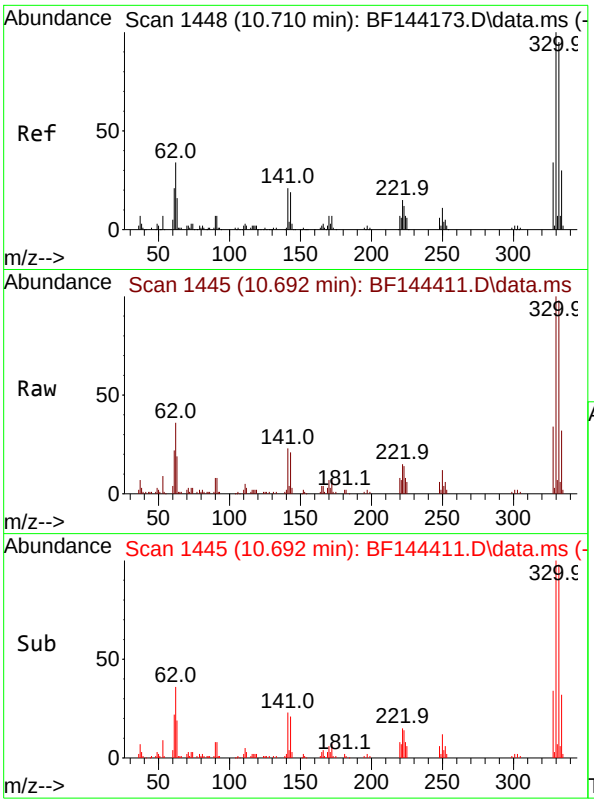


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Tgt Ion:164 Resp: 59798

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.1	121.7
160	42.0	34.5	51.7



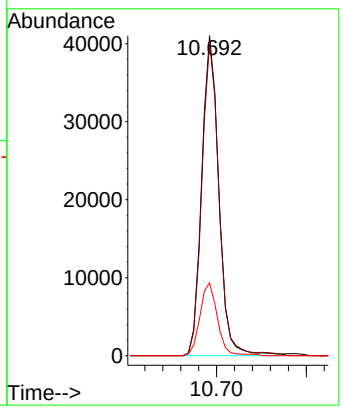


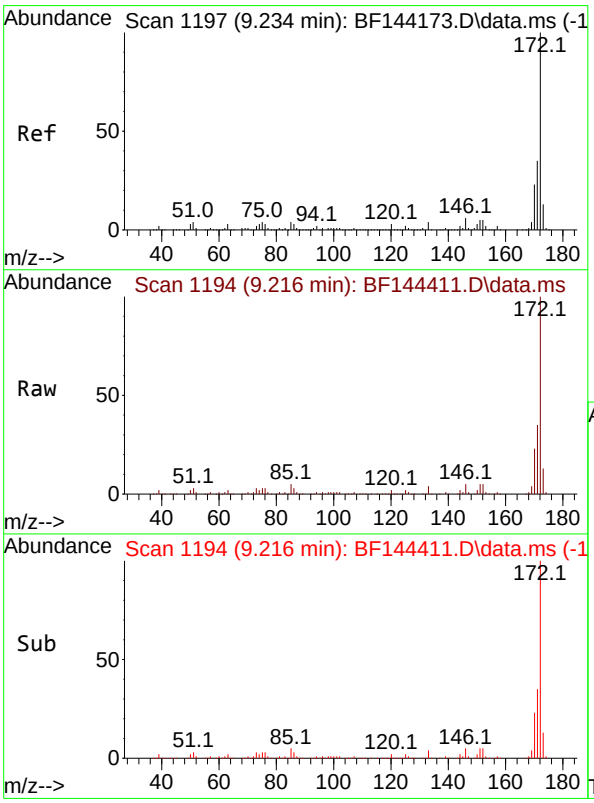
#42
2,4,6-Tribromophenol
Concen: 72.454 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Tgt Ion:330 Resp: 54369

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.7	115.1
141	23.2	17.8	26.8

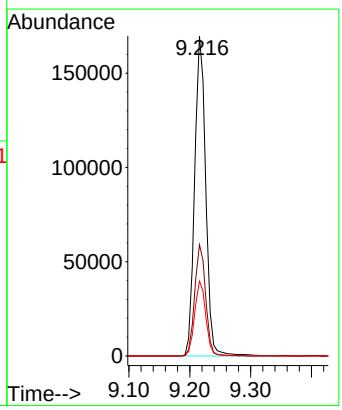


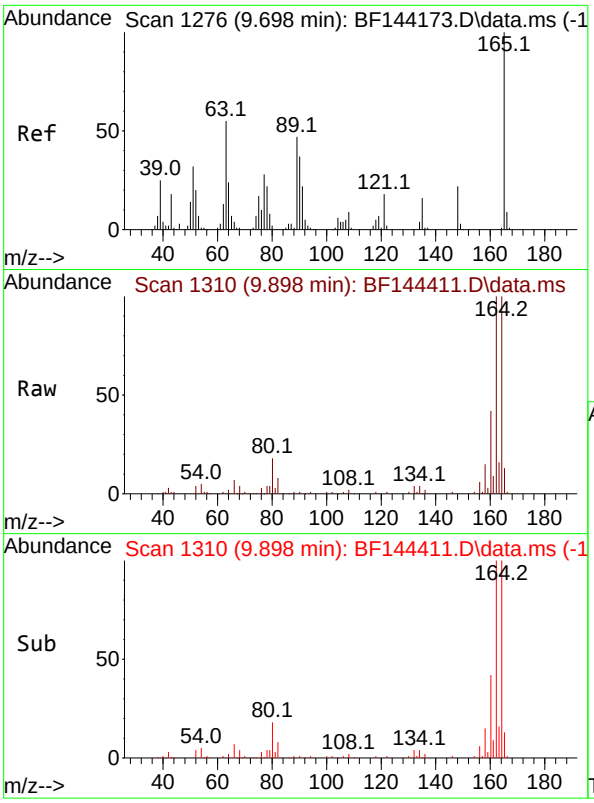


#45
2-Fluorobiphenyl
Concen: 53.185 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Tgt Ion:172 Resp: 215336

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.1	42.1
170	23.4	18.6	28.0



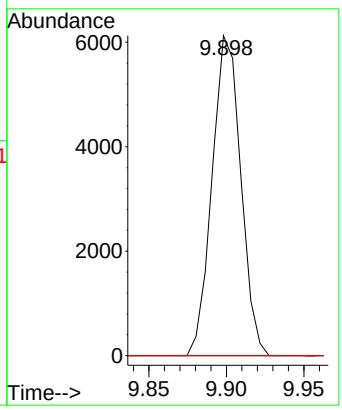


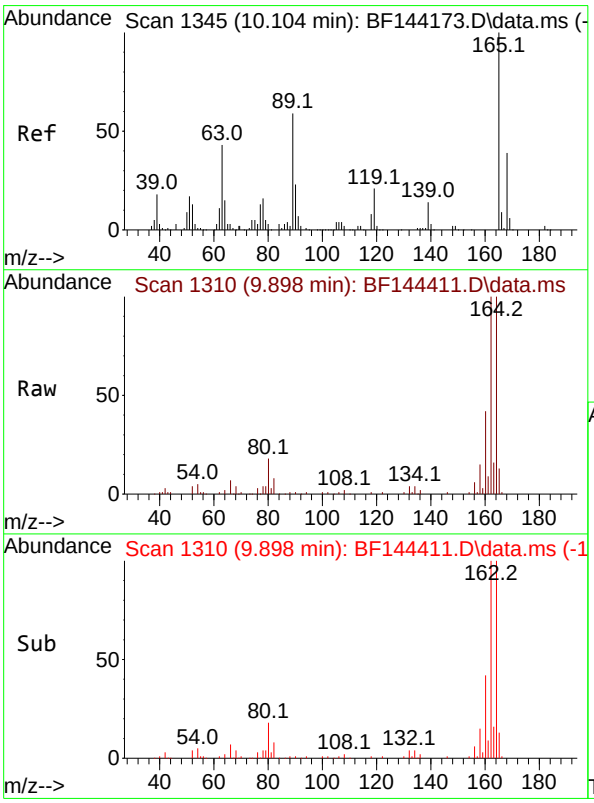
#51
2,6-Dinitrotoluene
Concen: 9.840 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Tgt Ion:165 Resp: 7891

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	0.0	37.5	56.3#

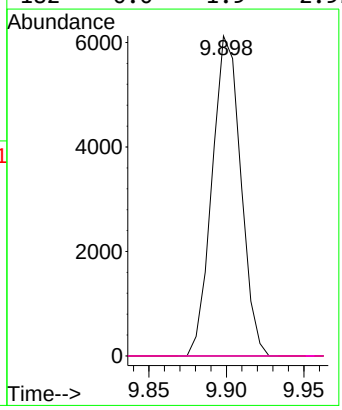


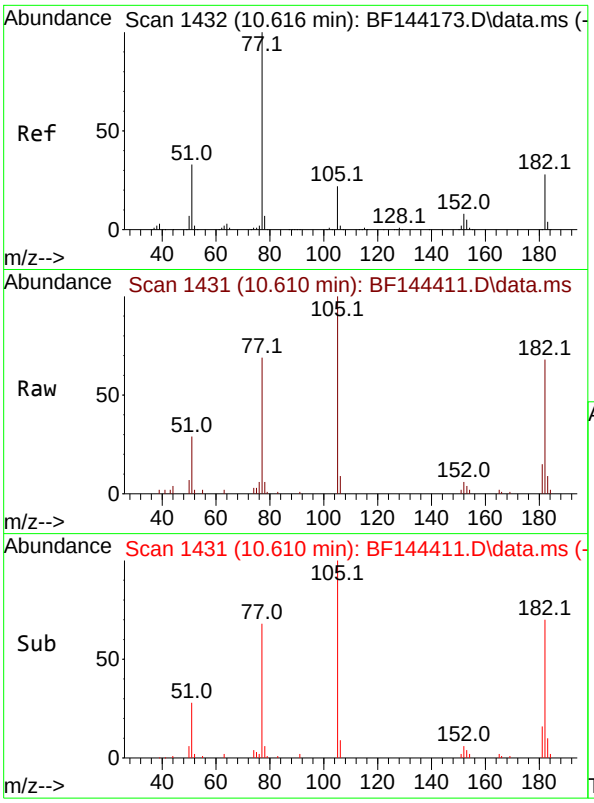


#57
2,4-Dinitrotoluene
Concen: 7.350 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.200 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Tgt Ion:165 Resp: 7891

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.5	53.3#
89	0.0	47.4	71.2#
182	0.0	1.9	2.9#



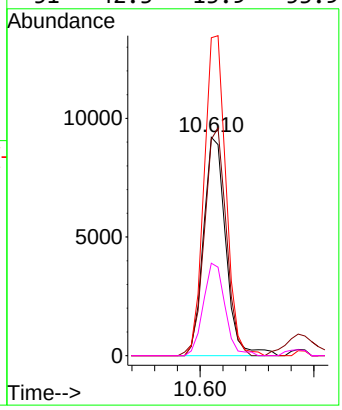


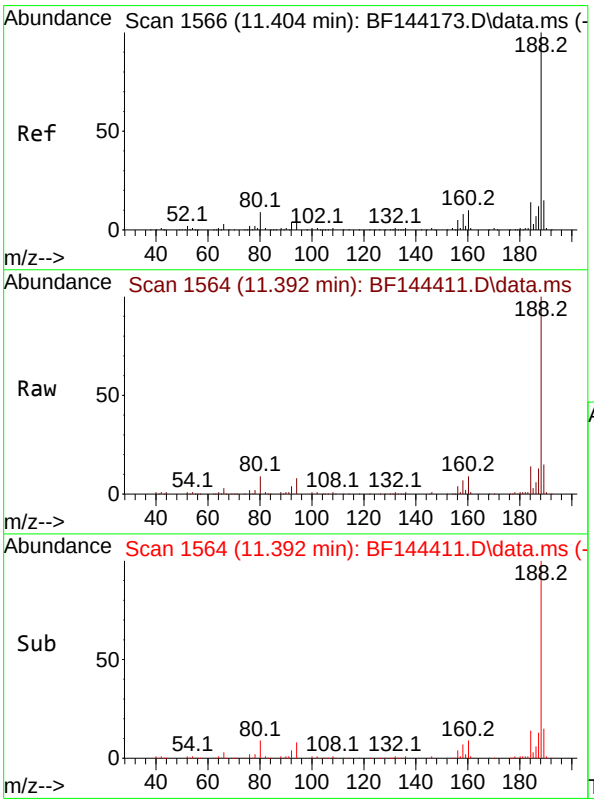
#63
Azobenzene
Concen: 3.689 ng
RT: 10.610 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Tgt Ion: 77 Resp: 12538

Ion	Ratio	Lower	Upper
77	100		
182	99.1	8.1	48.1#
105	145.6	2.0	42.0#
51	42.3	13.9	53.9

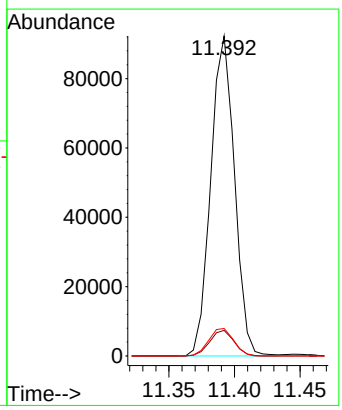


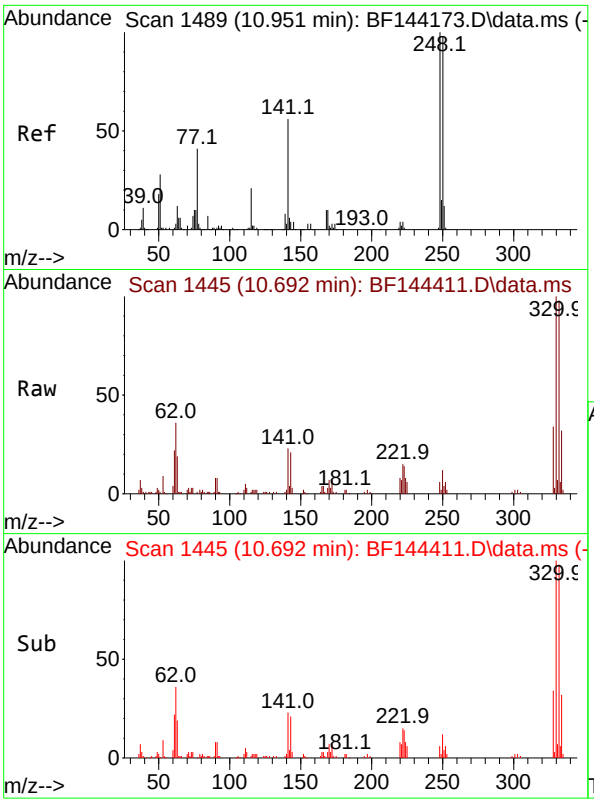


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Tgt Ion:188 Resp: 116309

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.2	9.2
80	8.6	6.9	10.3



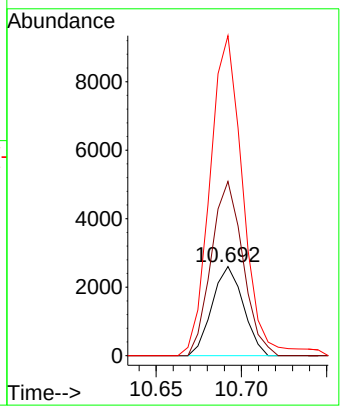


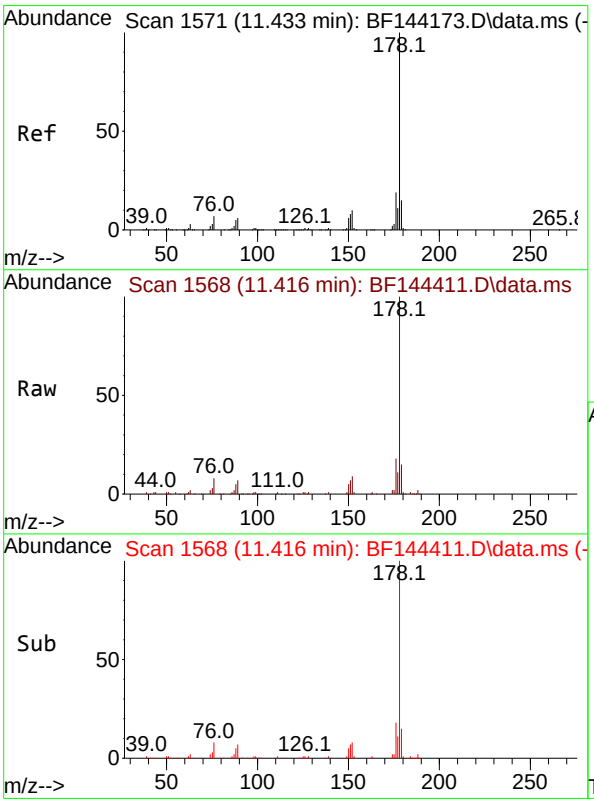
#67
4-Bromophenyl-phenylether
Concen: 2.236 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Tgt Ion:248 Resp: 3319

Ion	Ratio	Lower	Upper
248	100		
250	195.5	78.4	117.6#
141	359.1	45.1	67.7#

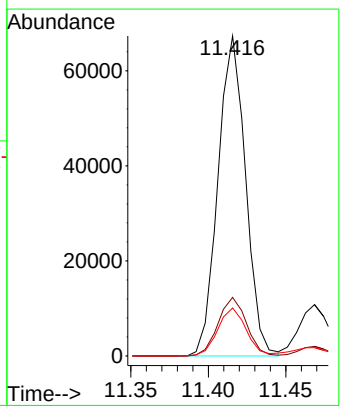


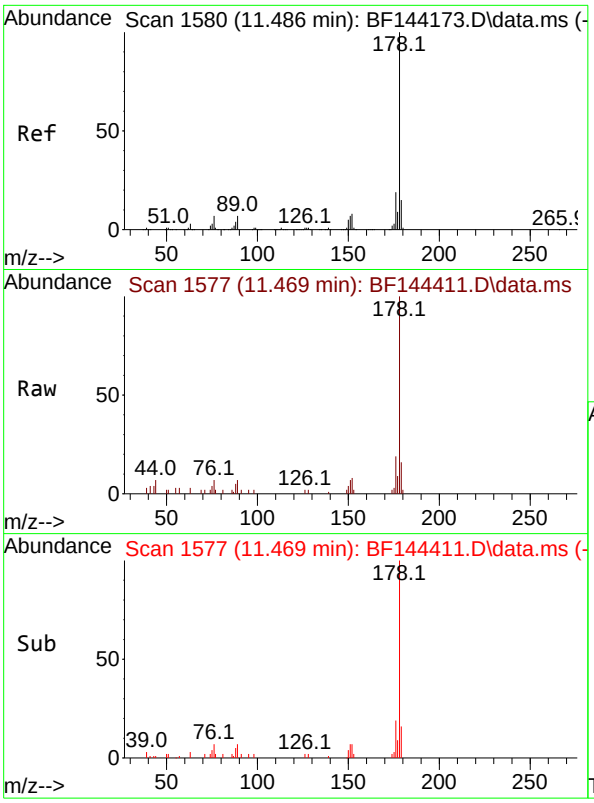


#71
Phenanthrene
Concen: 14.394 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Tgt Ion:178 Resp: 83351

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	15.0	12.2	18.4





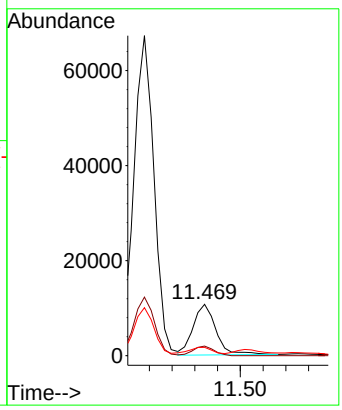
#72
Anthracene
Concen: 2.521 ng
RT: 11.469 min Scan# 1

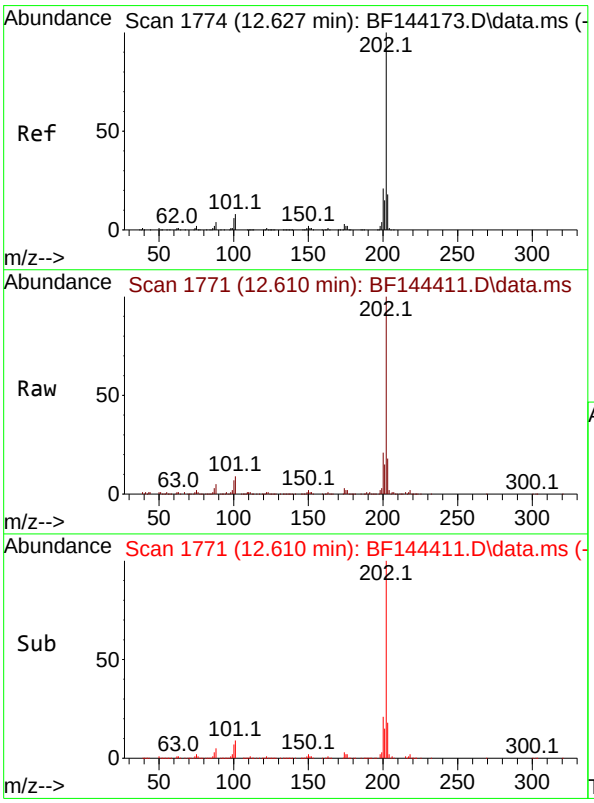
Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Delta R.T. -0.012 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Tgt Ion:178 Resp: 14847

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	16.1	12.0	18.0

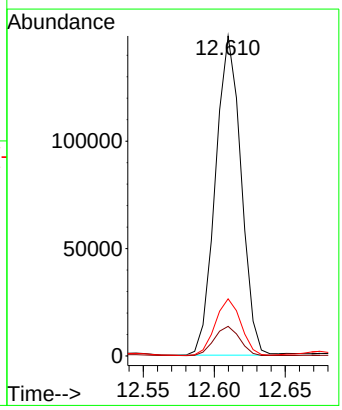


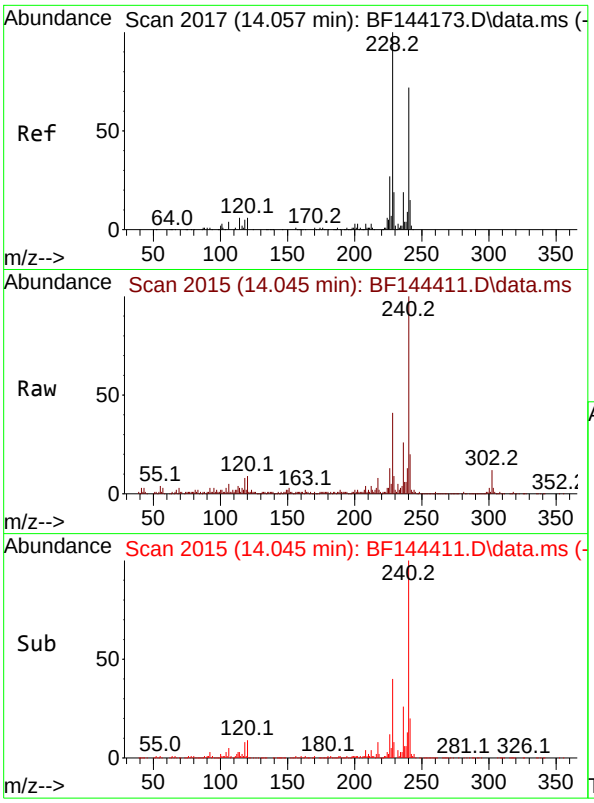


#75
Fluoranthene
Concen: 31.247 ng
RT: 12.610 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Tgt Ion:202 Resp: 186917

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	27.9
203	17.8	0.0	37.5



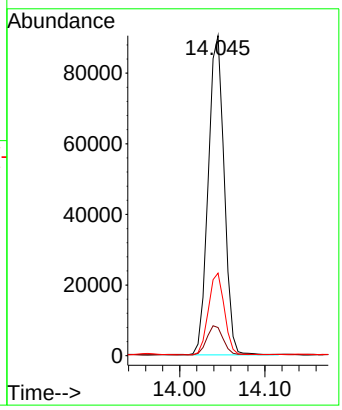


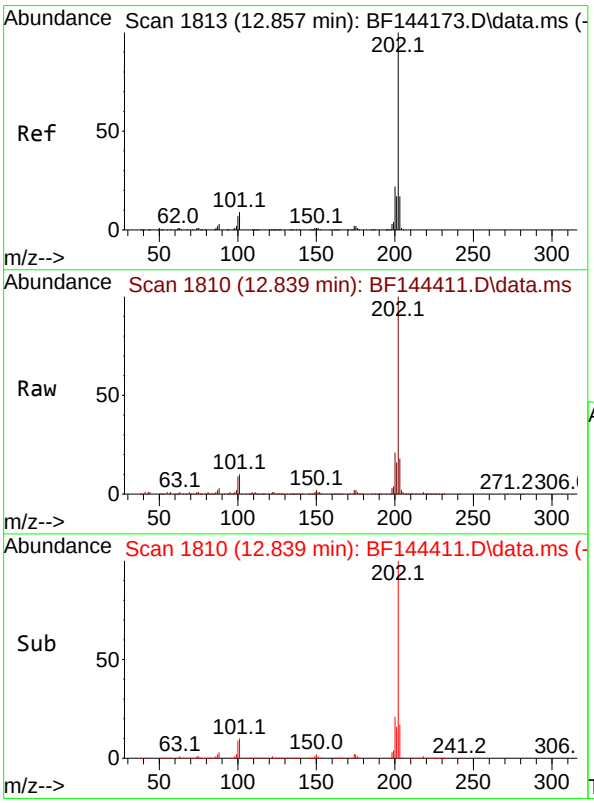
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Tgt Ion:240 Resp: 117741

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.6	10.0
236	25.8	21.4	32.2

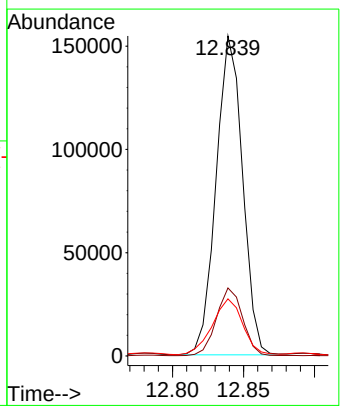


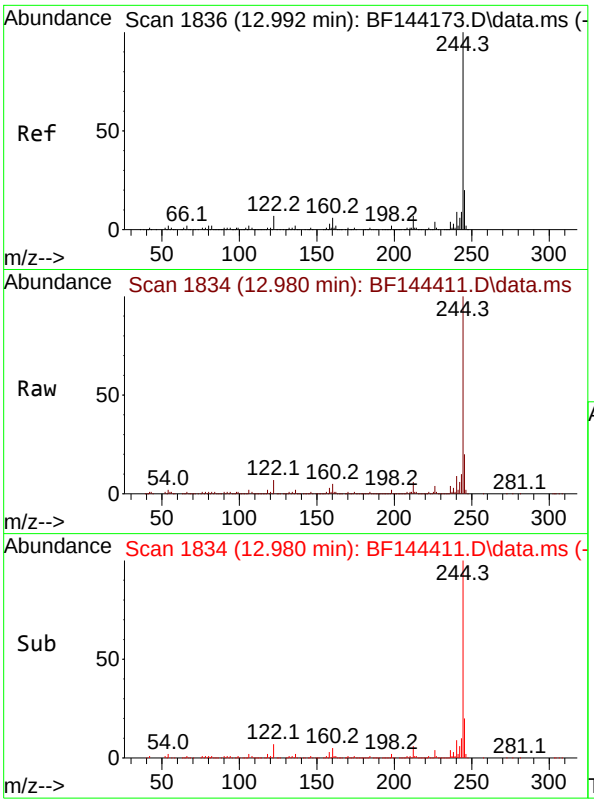


#78
Pyrene
Concen: 21.058 ng
RT: 12.839 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Tgt Ion:202 Resp: 199909

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	17.8	13.7	20.5



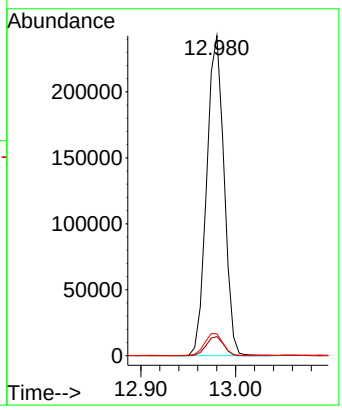


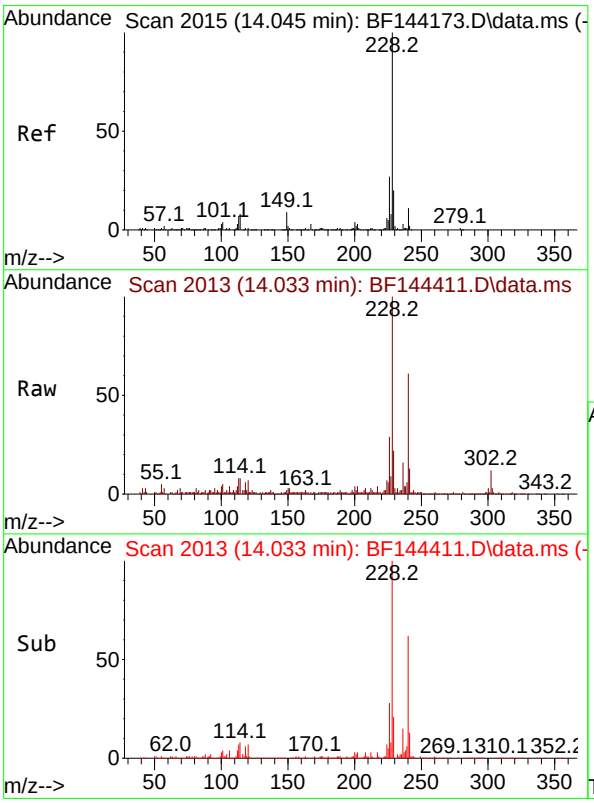
#79
Terphenyl-d14
Concen: 41.532 ng
RT: 12.980 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Tgt Ion:244 Resp: 307854

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.3	7.9
122	6.8	5.6	8.4

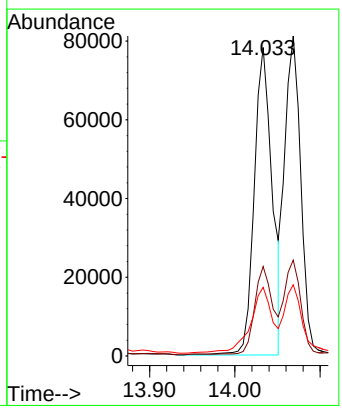


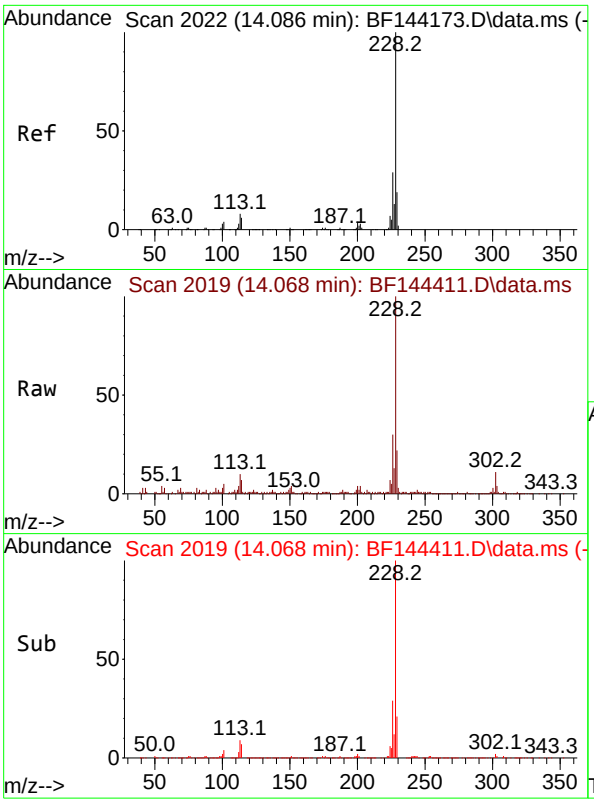


#81
Benzo(a)anthracene
Concen: 14.032 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Tgt Ion:228 Resp: 114502

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.8	32.8
229	22.3	15.8	23.6



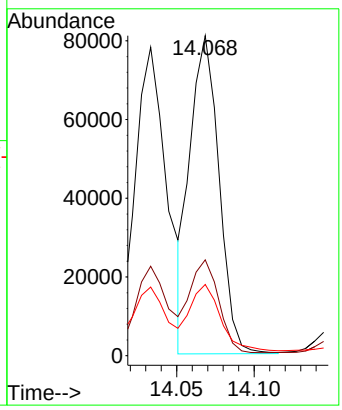


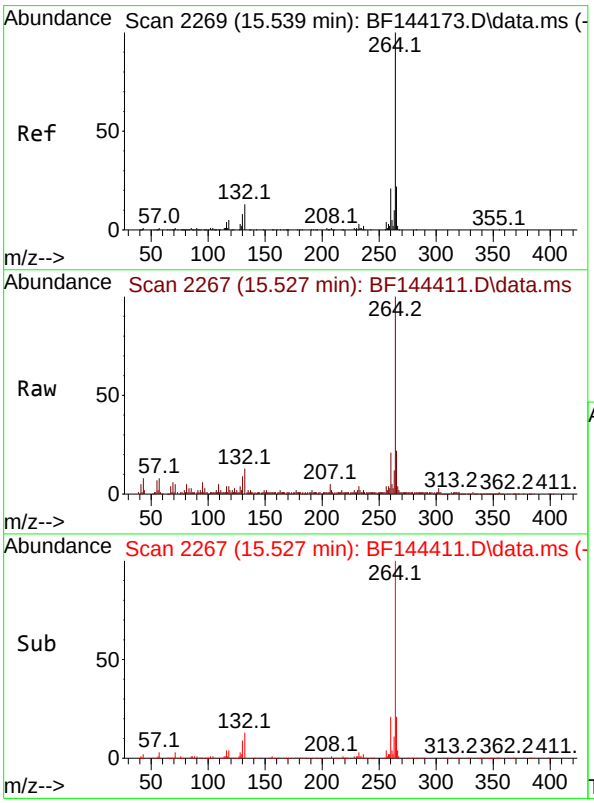
#83
Chrysene
Concen: 13.994 ng
RT: 14.068 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Tgt Ion:228 Resp: 105416

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.9	34.3
229	22.2	15.0	22.6

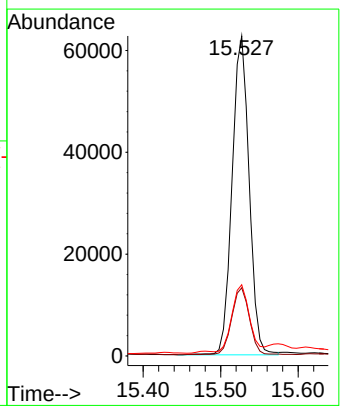


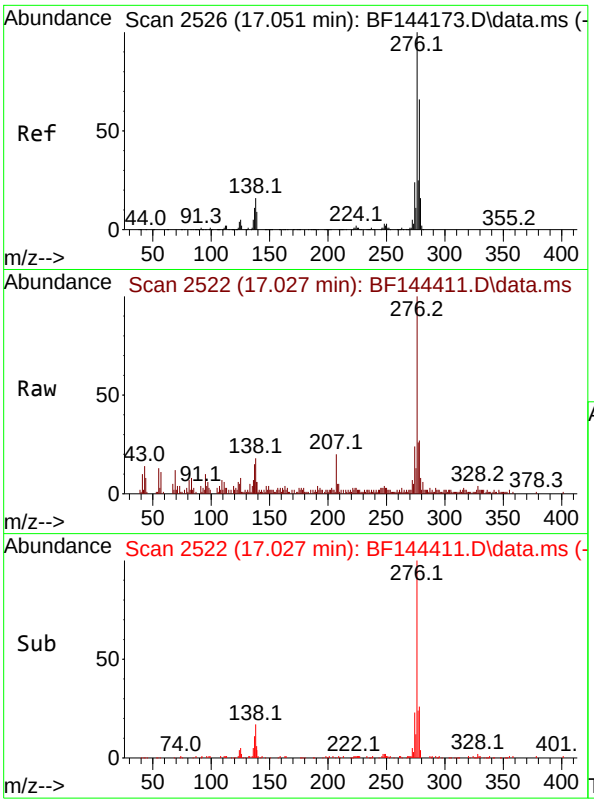


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Tgt Ion:264 Resp: 95946

Ion	Ratio	Lower	Upper
264	100		
260	21.3	17.1	25.7
265	22.2	17.4	26.0



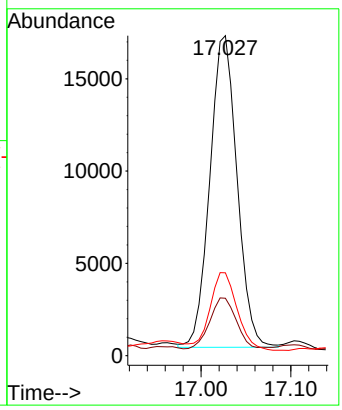


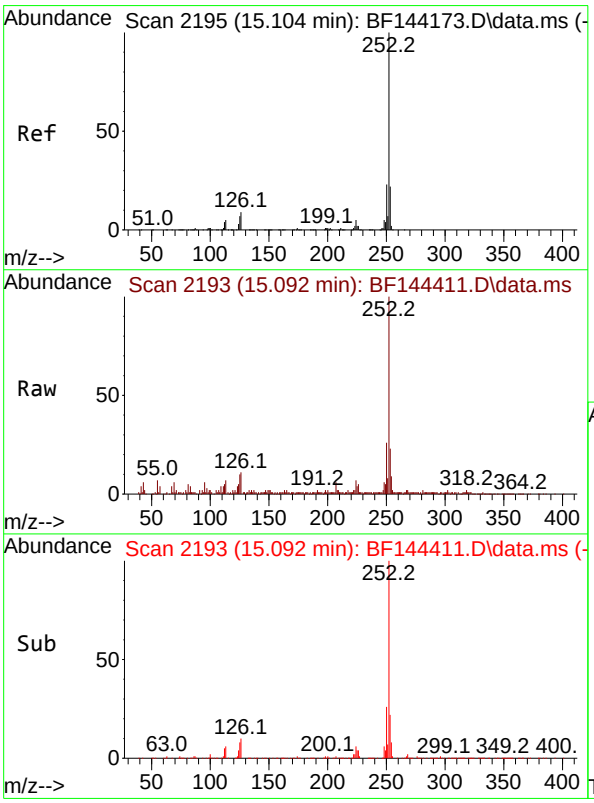
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.167 ng
RT: 17.027 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Tgt Ion:276 Resp: 35590

Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.9	20.9
277	25.0	19.8	29.6

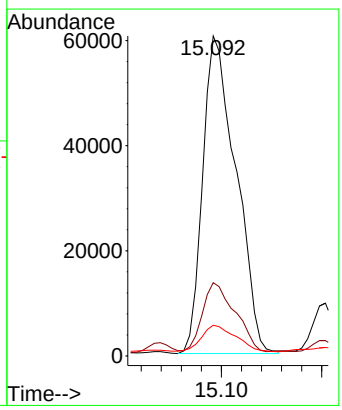


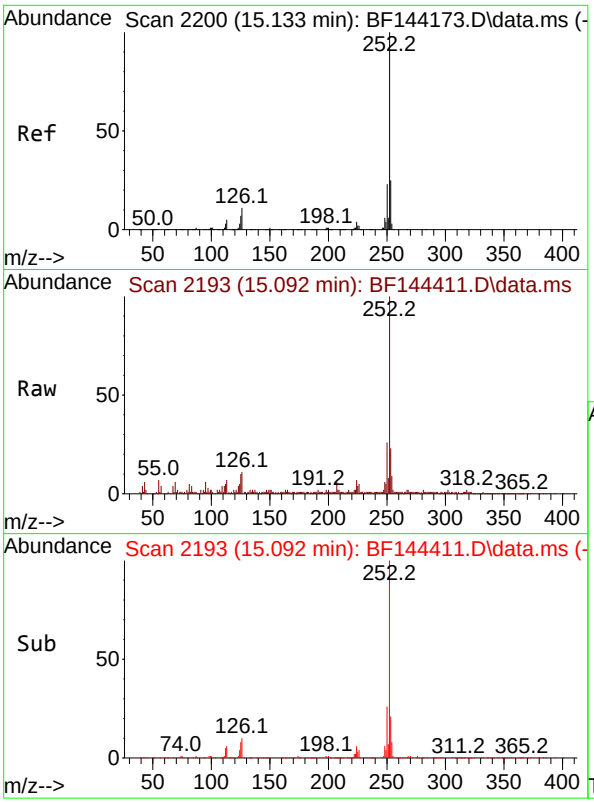


#88
Benzo(b)fluoranthene
Concen: 25.466 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Tgt Ion:252 Resp: 138909

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	9.6	5.3	7.9#



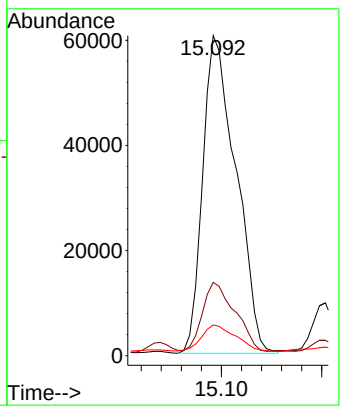


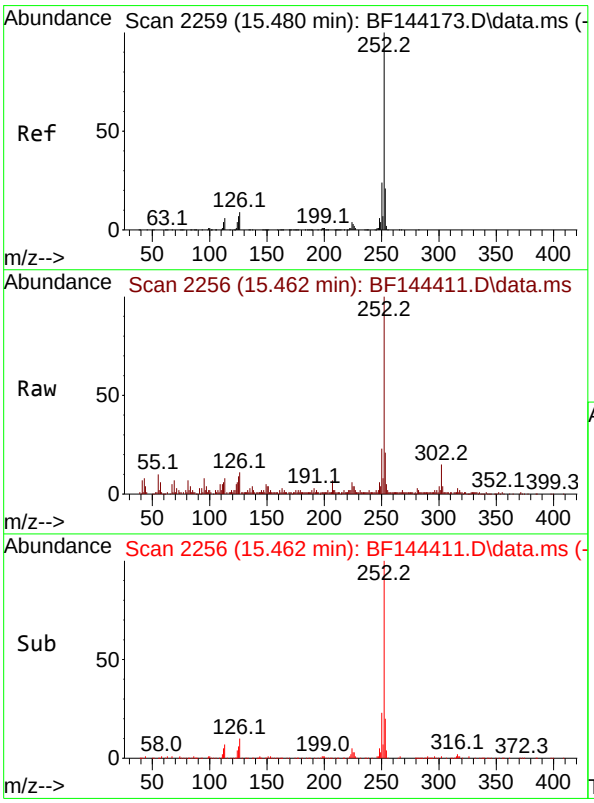
#89
Benzo(k)fluoranthene
Concen: 27.207 ng
RT: 15.092 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Tgt Ion:252 Resp: 138909

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	9.6	5.4	8.2#

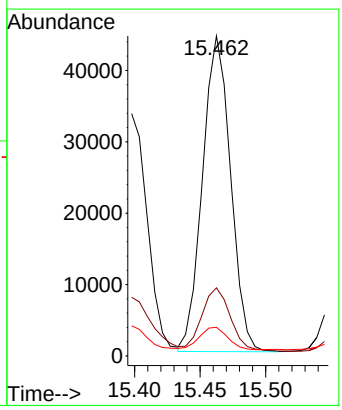


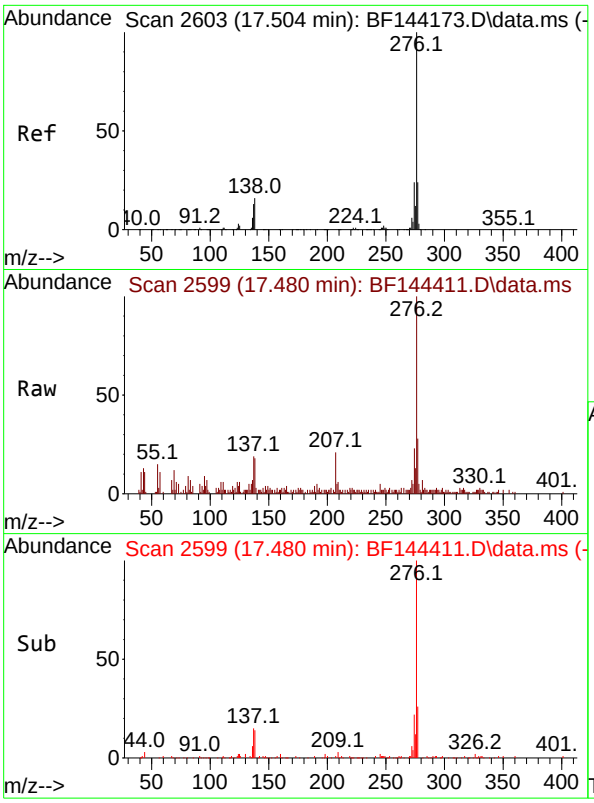


#90
Benzo(a)pyrene
Concen: 13.108 ng
RT: 15.462 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Tgt Ion:252 Resp: 65962

Ion	Ratio	Lower	Upper
252	100		
253	21.3	16.7	25.1
125	8.9	5.7	8.5#





#92
Benzo(g,h,i)perylene
Concen: 6.436 ng
RT: 17.480 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144411.D
Acq: 02 Dec 2025 19:18

Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

Tgt Ion:276 Resp: 35157

Ion	Ratio	Lower	Upper
276	100		
277	27.8	19.0	28.4
138	17.8	12.9	19.3