Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129687.D
Acq On : 10 Aug 2022 02:45
Operator : CG\JU
Sample : N4088-01RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-080522

Quant Time: Aug 10 05:39:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 16:27:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	177049	20.000	ng		-0.01
21) Naphthalene-d8	8.122	136	634894	20.000	ng		-0.01
39) Acenaphthene-d10	9.881	164	274822	20.000	ng		-0.01
64) Phenanthrene-d10	11.375	188	390200	20.000	ng		0.00
76) Chrysene-d12	14.027	240	279555	20.000	ng		0.00
86) Perylene-d12	15.510	264	226121	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	999847	91.994	ng		0.00
7) Phenol-d6	6.498	99	1202669	88.036	ng		0.00
23) Nitrobenzene-d5	7.410	82	738827	63.525	ng		-0.01
42) 2,4,6-Tribromophenol	10.675	330	220933	83.617	ng		-0.01
45) 2-Fluorobiphenyl	9.198	172	1234995	69.517	ng		-0.01
79) Terphenyl-d14	12.957	244	1017520	68.667	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	101724	12.300	ng	#	71
25) Isophorone	7.410	82	736134	35.310	ng	#	65
49) Acenaphthylene	9.739	152	96977	3.936	ng		99
51) 2,6-Dinitrotoluene	9.881	165	37047	8.725	ng	#	26
52) Acenaphthene	9.910	154	65001	4.040	ng		100
55) Dibenzofuran	10.086	168	66810	3.012	ng		95
58) Fluorene	10.428	166	106125	5.979	ng		98
67) 4-Bromophenyl-phenylether	10.675	248	13642	3.193	ng	#	1
71) Phenanthrene	11.398	178	1293035	60.706	ng		99
72) Anthracene	11.451	178	459930	21.973	ng		98
73) Carbazole	11.610	167	127897	6.491	ng		97
75) Fluoranthene	12.598	202	2508990	116.255	ng		98
78) Pyrene	12.833	202	2242279	95.918	ng		99
81) Benzo(a)anthracene	14.016	228	1281626	67.114	ng		97
83) Chrysene	14.057	228	1021587	56.763	ng		97
87) Indeno(1,2,3-cd)pyrene	17.004	276	481383	31.613	ng	#	93
88) Benzo(b)fluoranthene	15.080	252	1608696	107.251	ng		97
89) Benzo(k)fluoranthene	15.080	252	1608696	109.444	ng		97
90) Benzo(a)pyrene	15.451	252	812088	66.696	ng		97
91) Dibenzo(a,h)anthracene	17.010	278	136782	11.037	ng	#	80
92) Benzo(g,h,i)perylene	17.462	276	430894	34.025	ng		98

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

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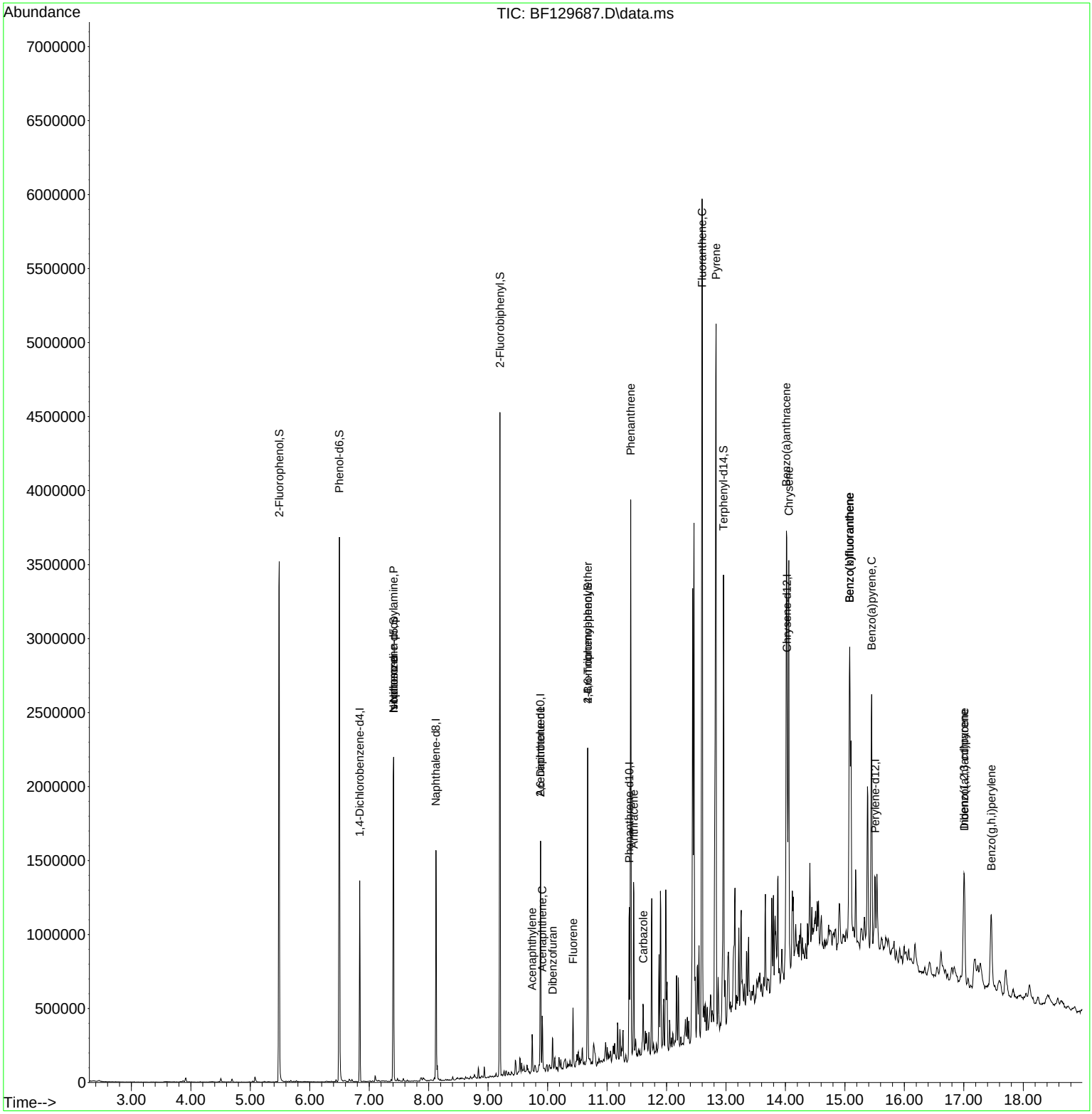
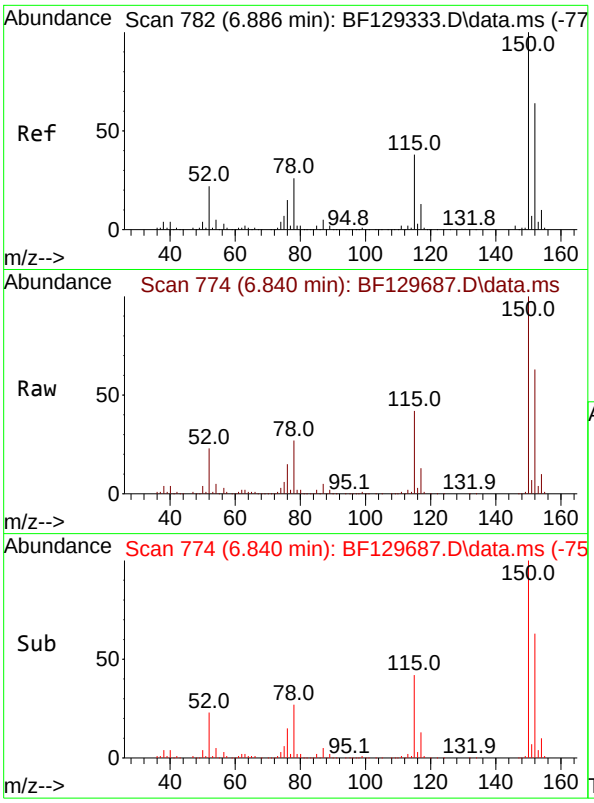


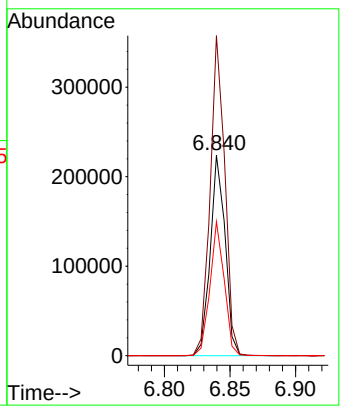


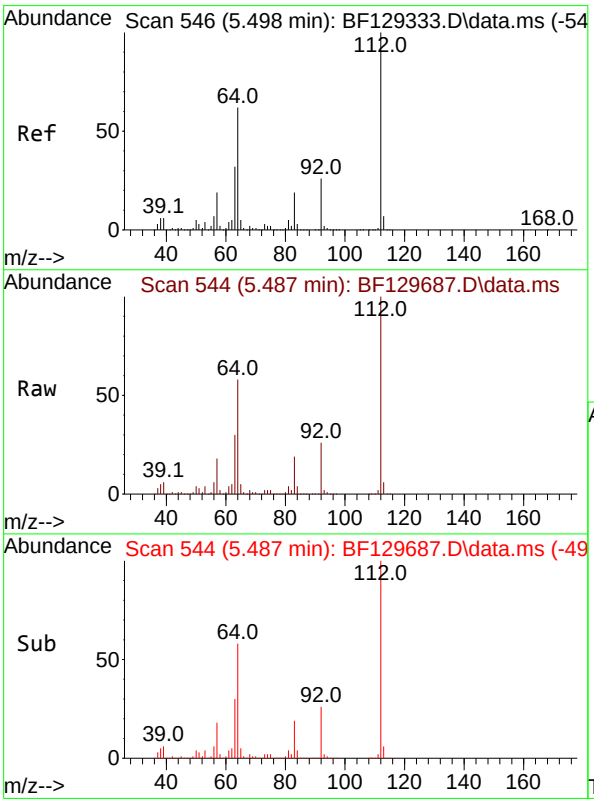
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 7
Delta R.T. -0.011 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Instrument :
BNA_F
ClientSampleId :
PL-02-080522

Tgt Ion:152 Resp: 177049

Ion	Ratio	Lower	Upper
152	100		
150	159.6	123.7	185.5
115	66.8	49.9	74.9

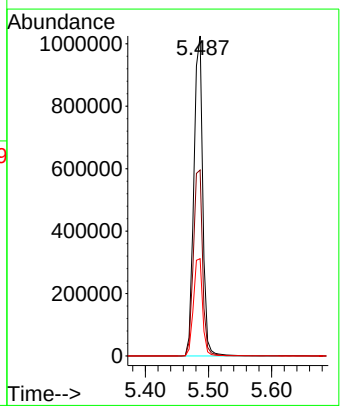


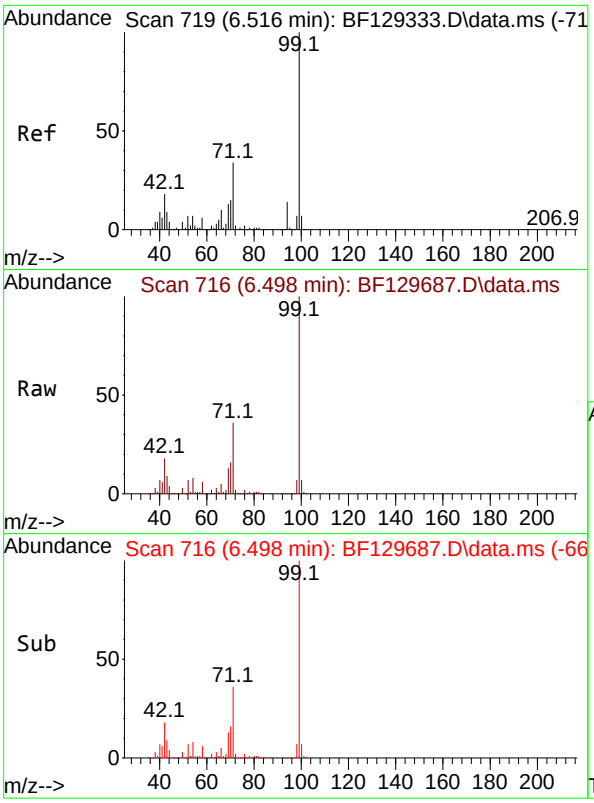


#5
2-Fluorophenol
Concen: 91.994 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.006 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Tgt Ion:112 Resp: 999847

Ion	Ratio	Lower	Upper
112	100		
64	58.1	53.3	79.9
63	30.4	28.0	42.0



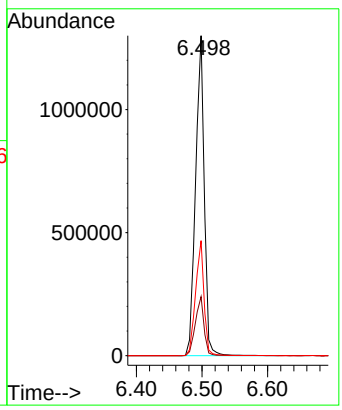


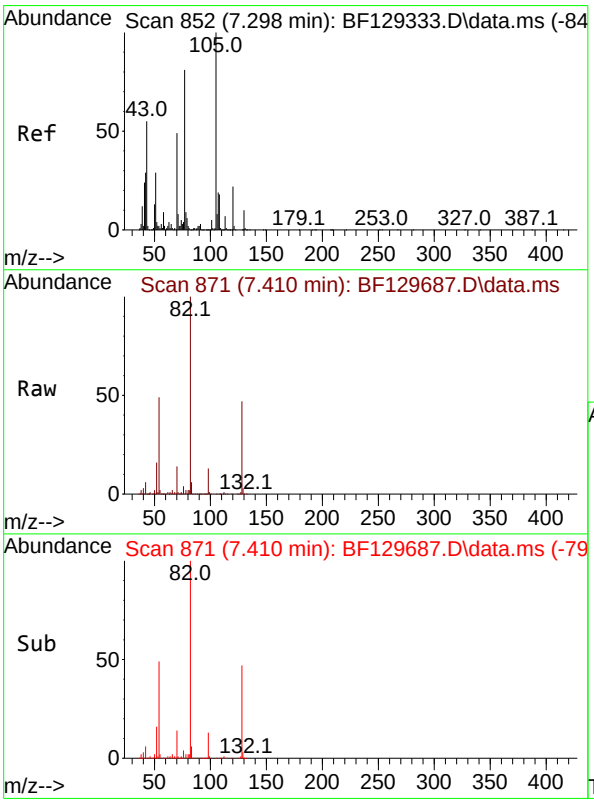
#7
Phenol-d6
Concen: 88.036 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Instrument :
BNA_F
ClientSampleId :
PL-02-080522

Tgt Ion: 99 Resp: 1202669

Ion	Ratio	Lower	Upper
99	100		
42	18.4	17.3	25.9
71	35.9	28.9	43.3

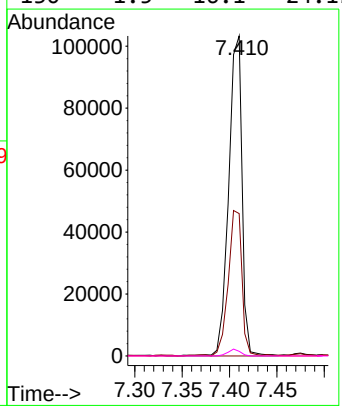


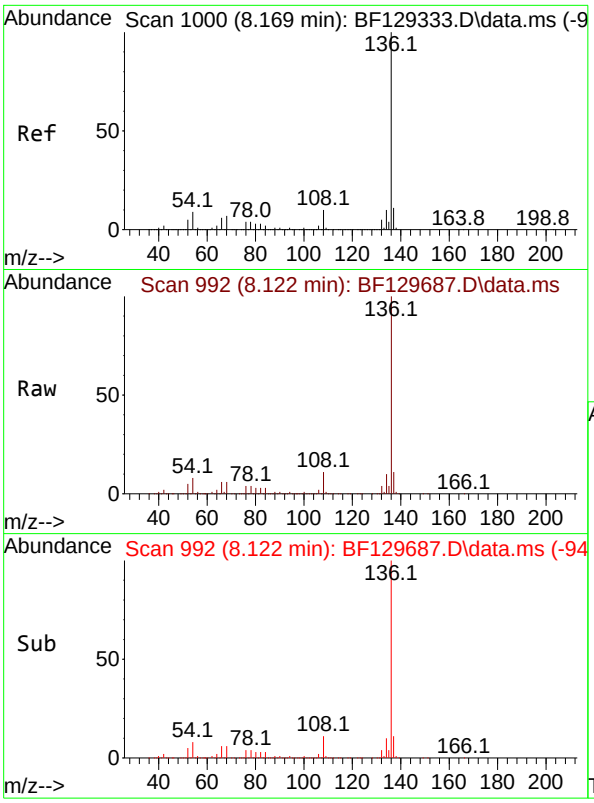


#19
n-Nitroso-di-n-propylamine
Concen: 12.300 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Tgt Ion: 70 Resp: 101724

Ion	Ratio	Lower	Upper
70	100		
42	44.5	52.3	78.5#
101	0.0	7.5	11.3#
130	1.5	16.1	24.1#



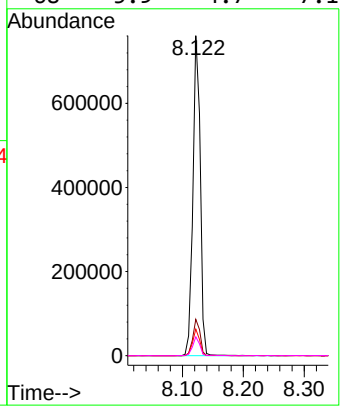


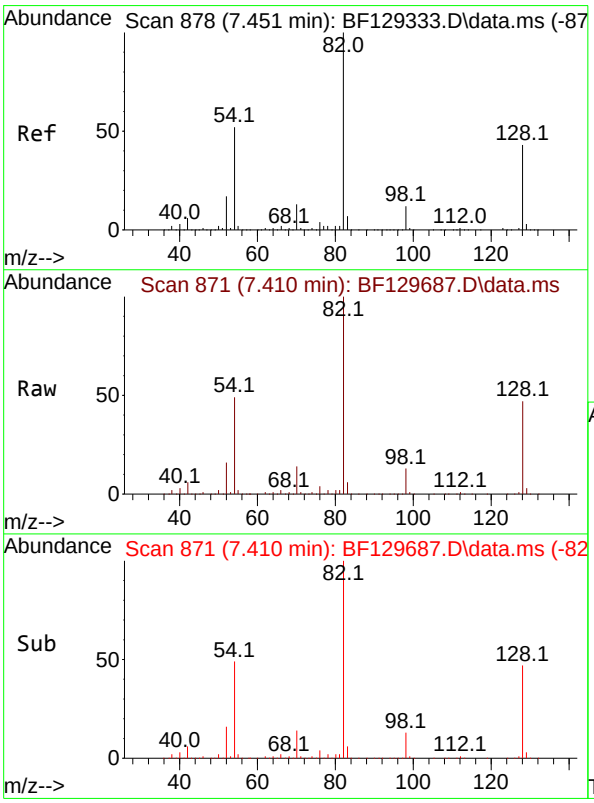
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Instrument :
BNA_F
ClientSampleId :
PL-02-080522

Tgt Ion:136 Resp: 634894

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.3	7.5	11.3
68	5.9	4.7	7.1

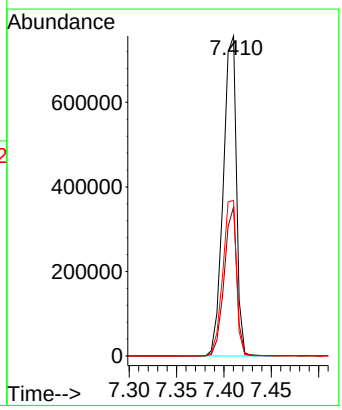


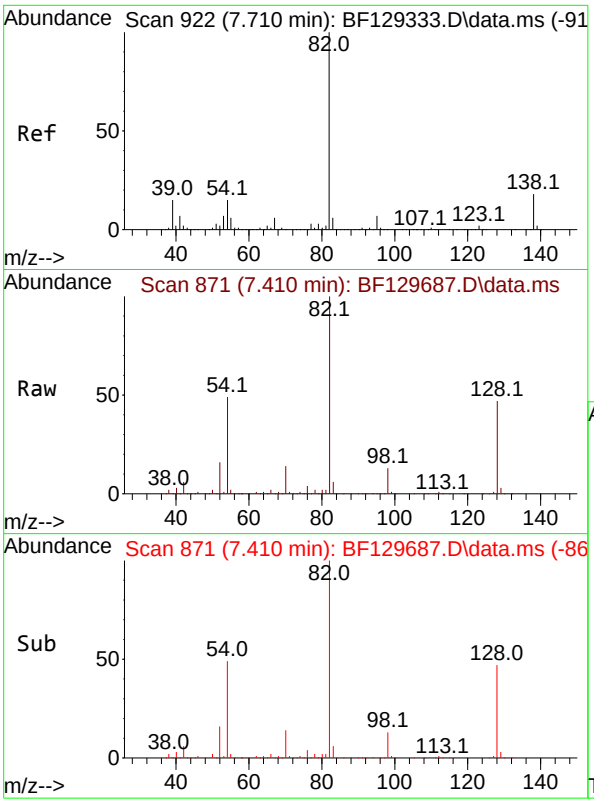


#23
Nitrobenzene-d5
Concen: 63.525 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Tgt Ion: 82 Resp: 738827

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	48.6	46.9	70.3



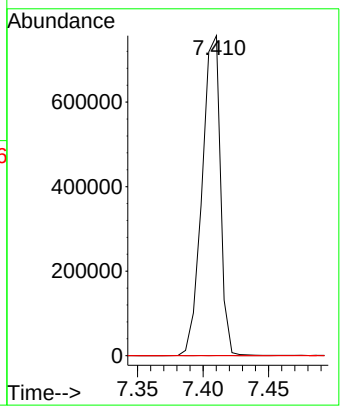


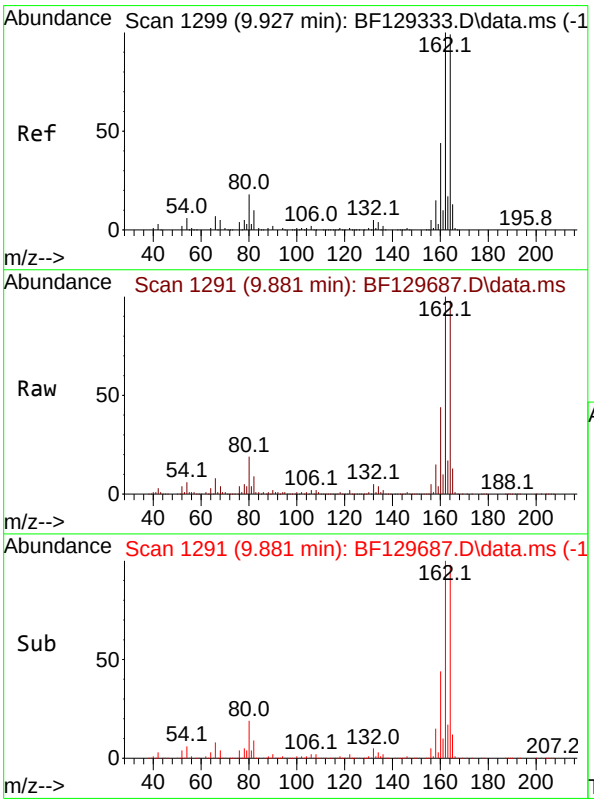
#25
Isophorone
Concen: 35.310 ng
RT: 7.410 min Scan# 8
Delta R.T. -0.270 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Instrument :
BNA_F
ClientSampleId :
PL-02-080522

Tgt Ion: 82 Resp: 736134

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	14.2	21.2#

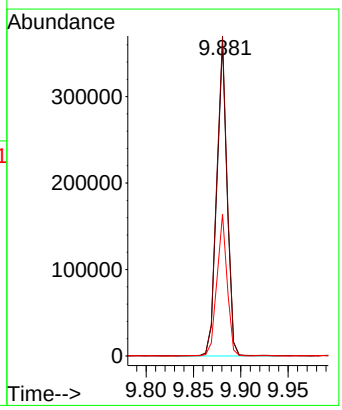


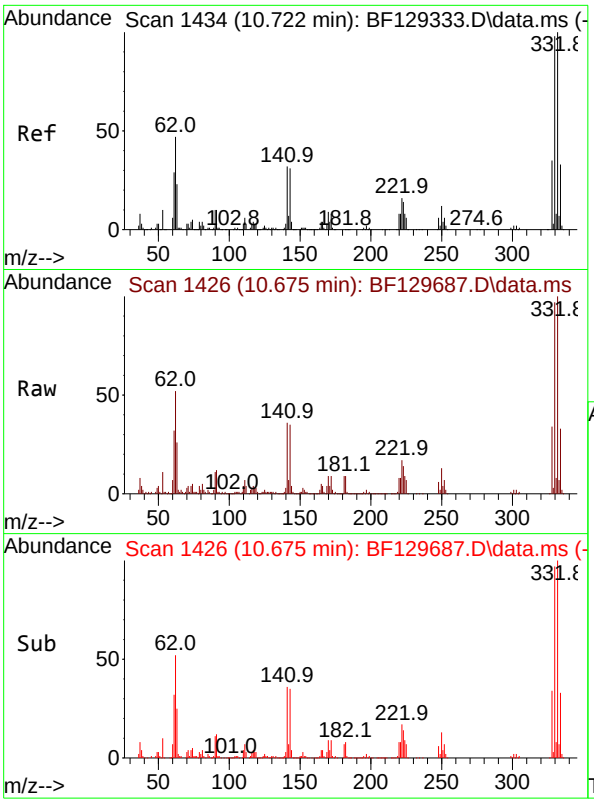


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Tgt Ion:164 Resp: 274822

Ion	Ratio	Lower	Upper
164	100		
162	101.9	79.5	119.3
160	45.2	34.2	51.4



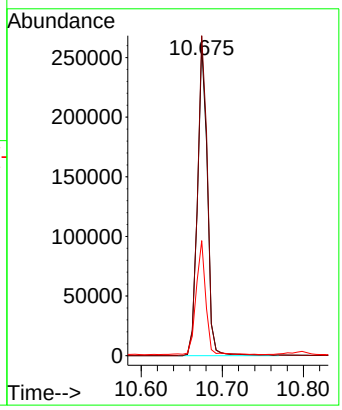


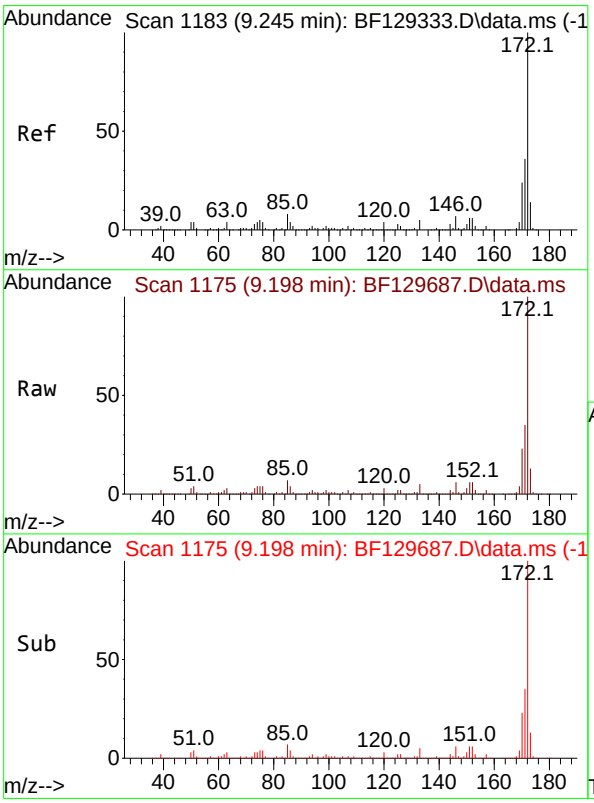
#42
2,4,6-Tribromophenol
Concen: 83.617 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Instrument :
BNA_F
ClientSampleId :
PL-02-080522

Tgt Ion:330 Resp: 220933

Ion	Ratio	Lower	Upper
330	100		
332	102.8	76.8	115.2
141	36.1	28.0	42.0

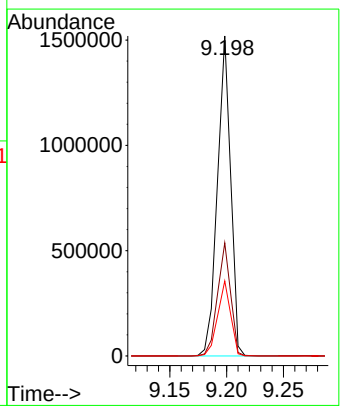


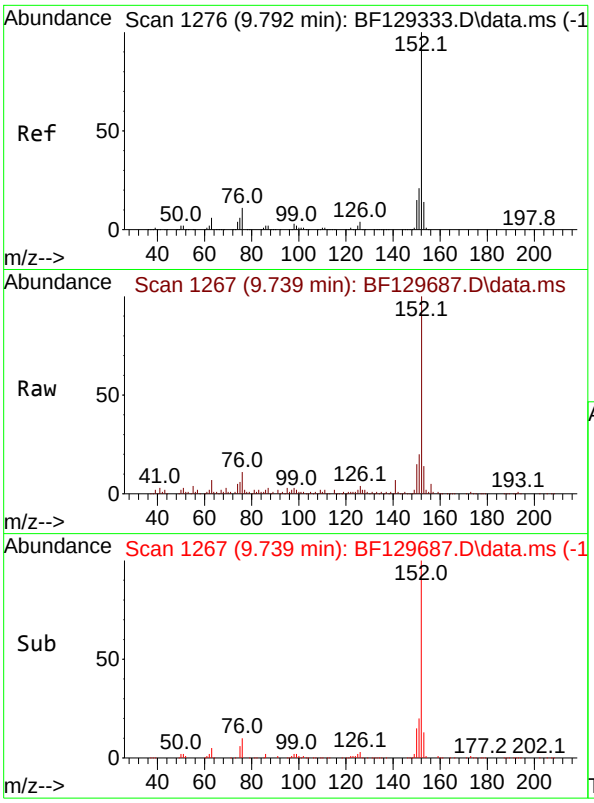


#45
2-Fluorobiphenyl
Concen: 69.517 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Tgt Ion:172 Resp: 1234995

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.8	43.2
170	23.4	19.8	29.8



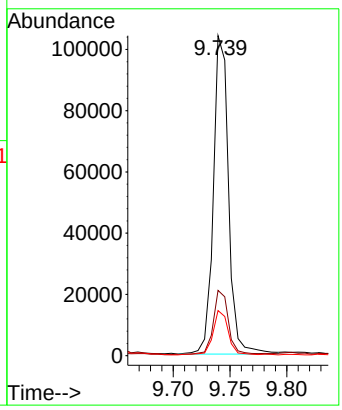


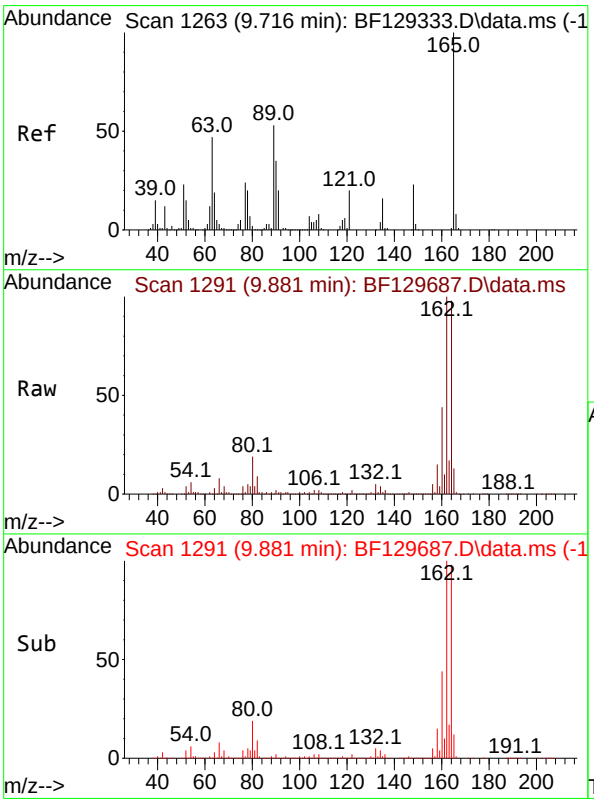
#49
Acenaphthylene
Concen: 3.936 ng
RT: 9.739 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Instrument :
BNA_F
ClientSampleId :
PL-02-080522

Tgt Ion:152 Resp: 96977

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	14.1	10.7	16.1

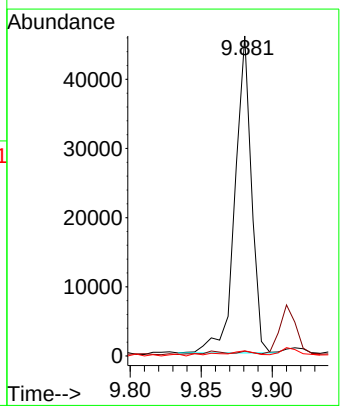


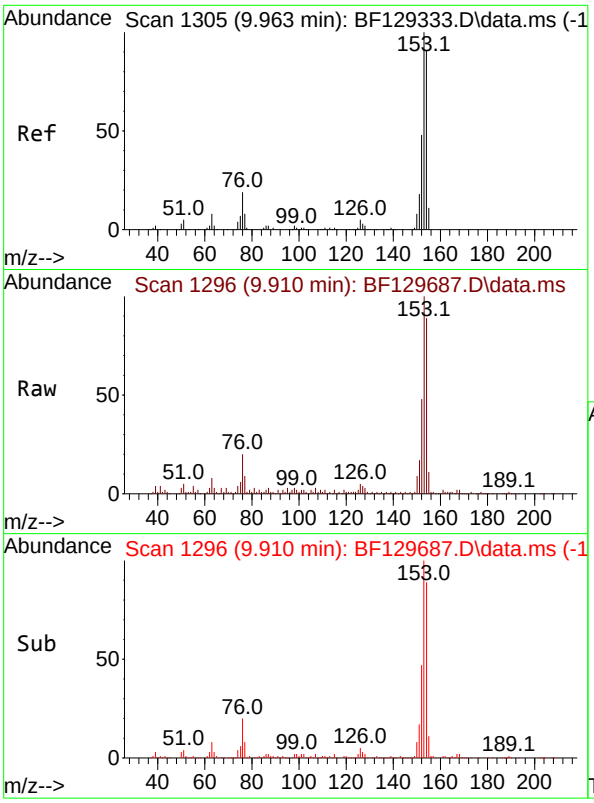


#51
2,6-Dinitrotoluene
Concen: 8.725 ng
RT: 9.881 min Scan# 1291
Delta R.T. 0.200 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Tgt Ion:165 Resp: 37047

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.9	67.3#
89	1.6	43.6	65.4#



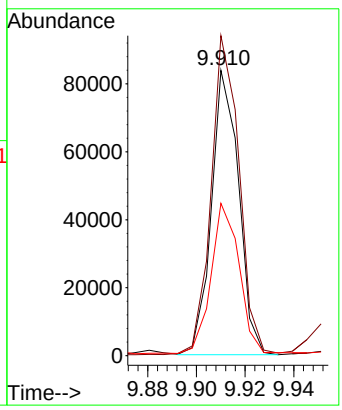


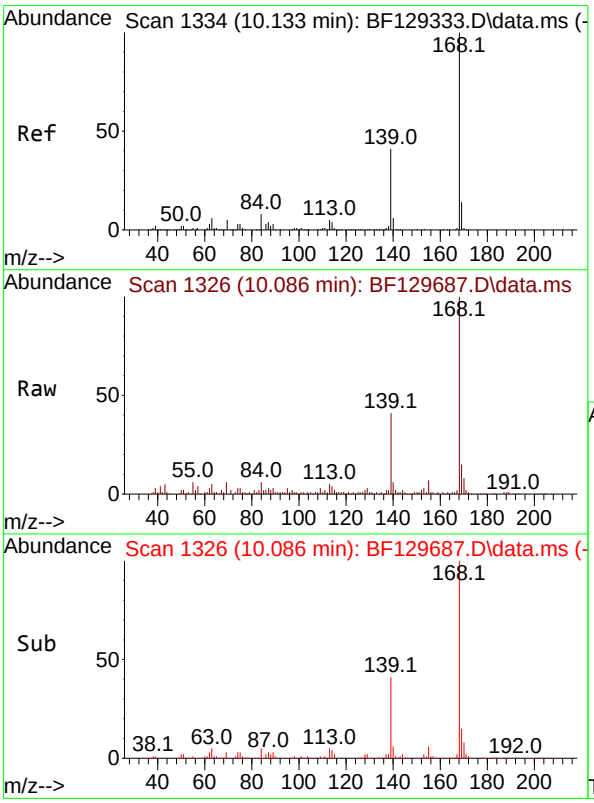
#52
Acenaphthene
Concen: 4.040 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Instrument :
BNA_F
ClientSampleId :
PL-02-080522

Tgt Ion:154 Resp: 65001

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.6	134.4
152	53.4	42.4	63.6

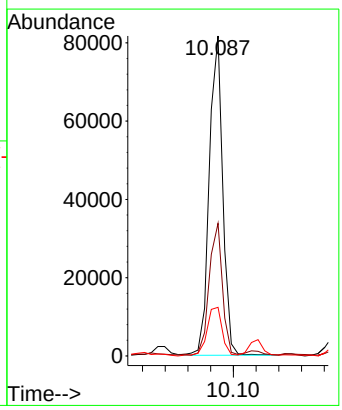


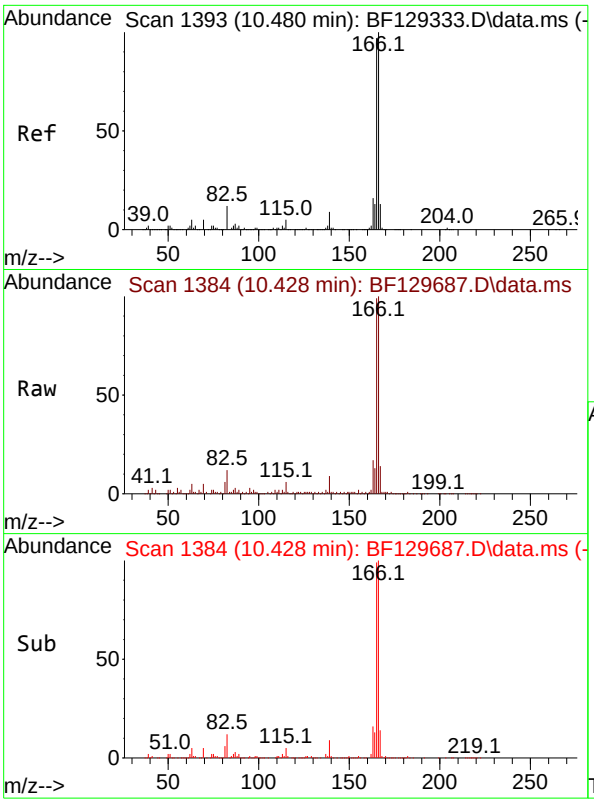


#55
Dibenzofuran
Concen: 3.012 ng
RT: 10.086 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Tgt Ion:168 Resp: 66810

Ion	Ratio	Lower	Upper
168	100		
139	41.4	30.6	46.0
169	15.2	11.0	16.6



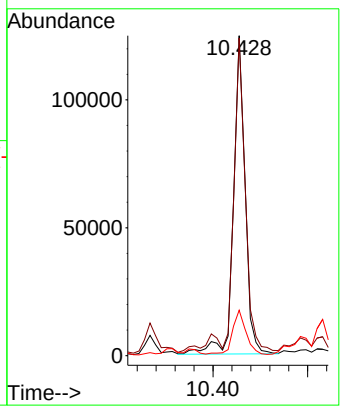


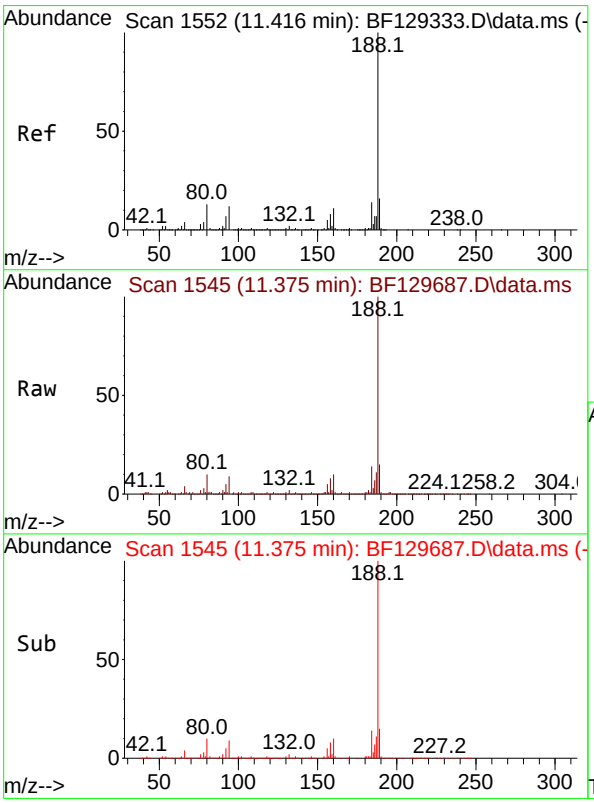
#58
Fluorene
Concen: 5.979 ng
RT: 10.428 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Instrument :
BNA_F
ClientSampleId :
PL-02-080522

Tgt Ion:166 Resp: 106125

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.1	117.1
167	14.2	10.5	15.7

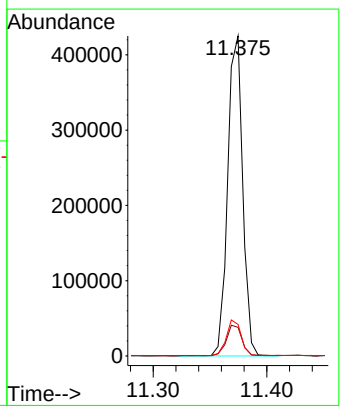


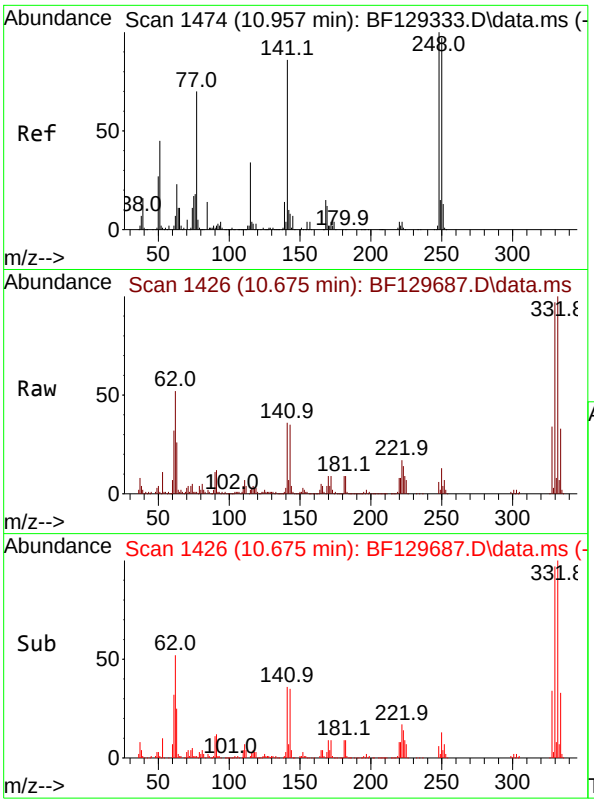


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Tgt Ion:188 Resp: 390200

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	9.8	7.6	11.4



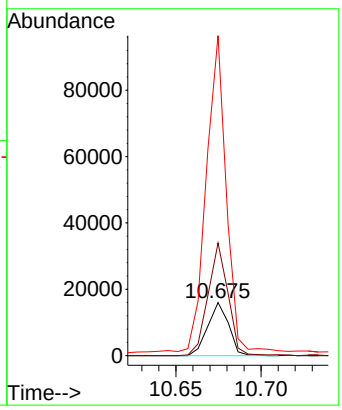


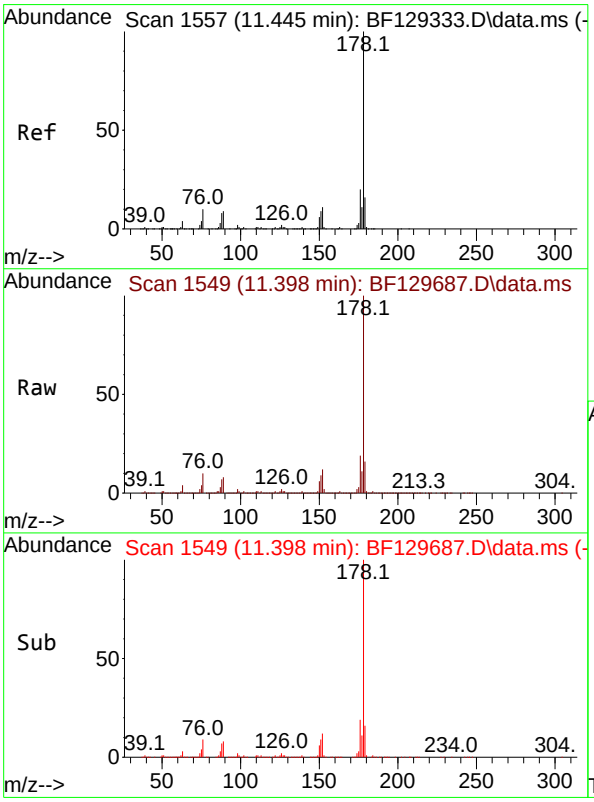
#67
4-Bromophenyl-phenylether
Concen: 3.193 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Instrument :
BNA_F
ClientSampleId :
PL-02-080522

Tgt Ion:248 Resp: 13642

Ion	Ratio	Lower	Upper
248	100		
250	212.6	80.6	120.8#
141	603.0	58.9	88.3#

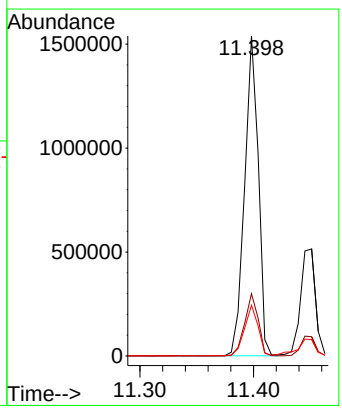


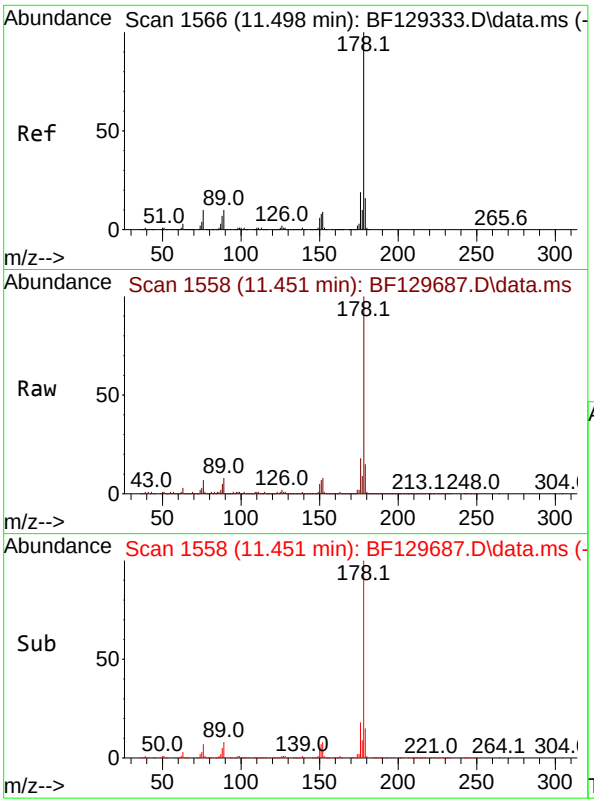


#71
Phenanthrene
Concen: 60.706 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.012 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Tgt Ion:178 Resp: 1293035

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	15.9	12.6	19.0



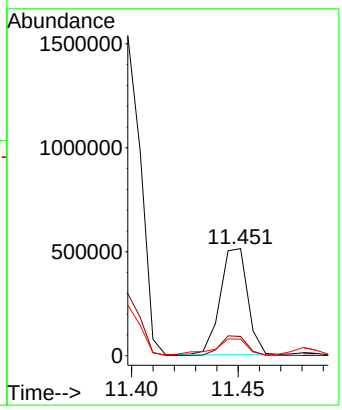


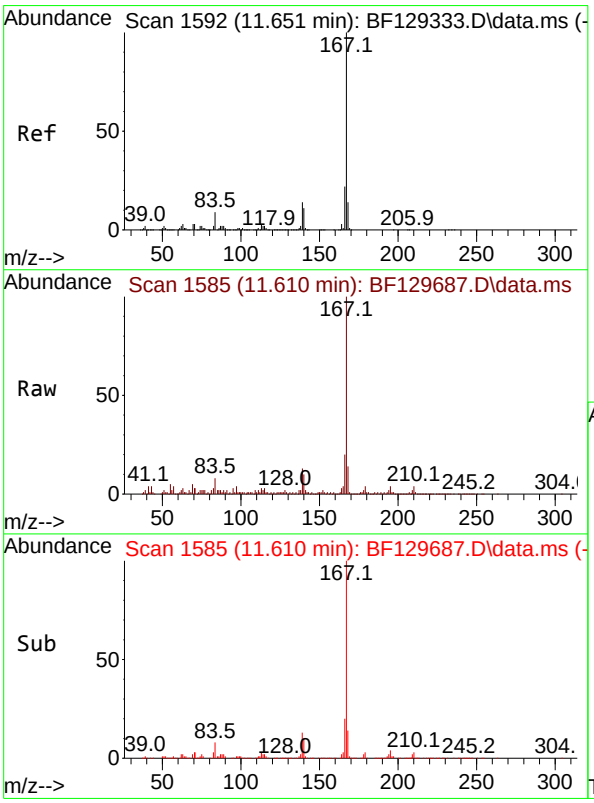
#72
Anthracene
Concen: 21.973 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Instrument :
BNA_F
ClientSampleId :
PL-02-080522

Tgt Ion:178 Resp: 459930

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	15.3	12.6	19.0

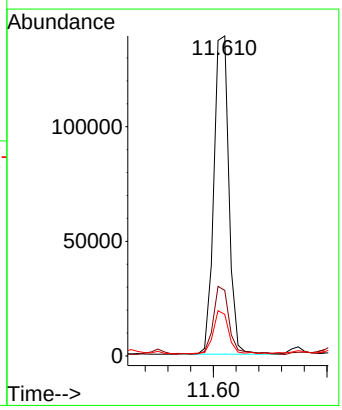


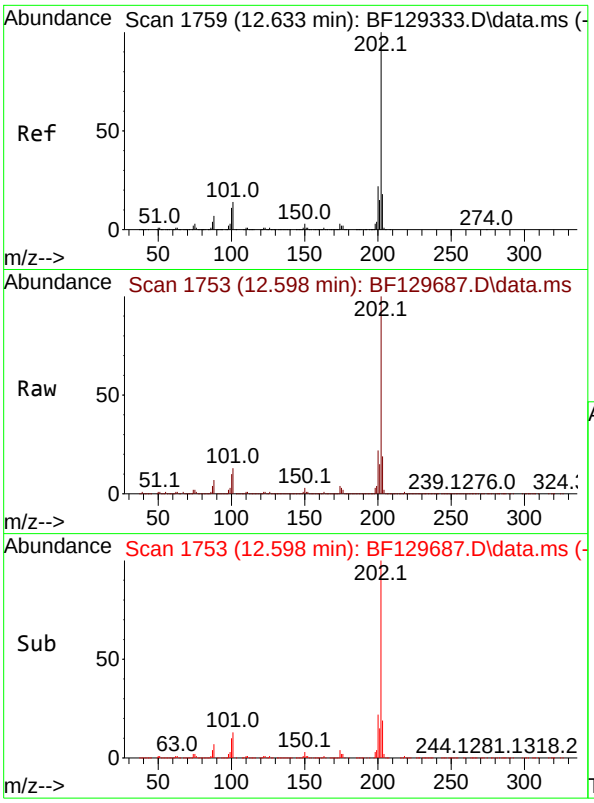


#73
Carbazole
Concen: 6.491 ng
RT: 11.610 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Tgt Ion:167 Resp: 127897

Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.7	26.5
139	13.0	11.2	16.8



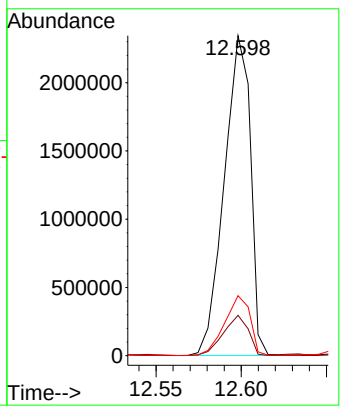


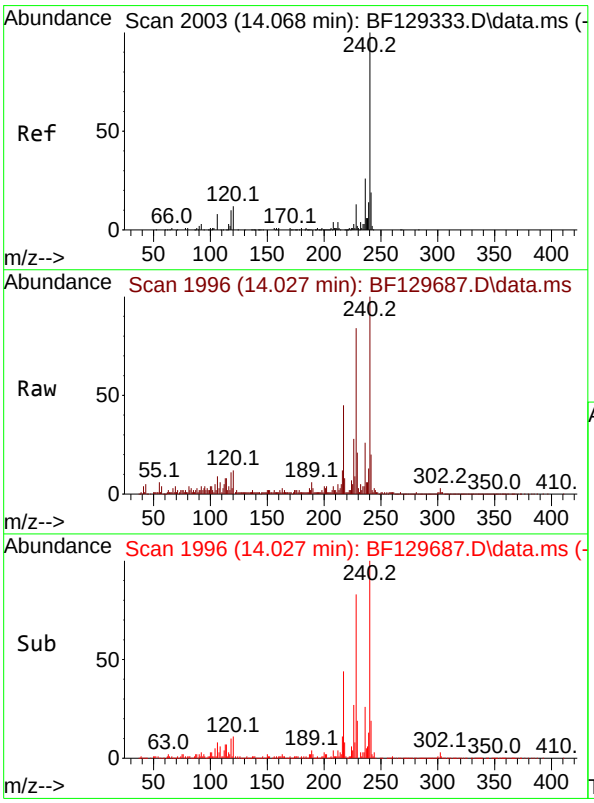
#75
Fluoranthene
Concen: 116.255 ng
RT: 12.598 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Instrument :
BNA_F
ClientSampleId :
PL-02-080522

Tgt Ion:202 Resp: 2508990

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.4
203	18.8	0.0	38.0

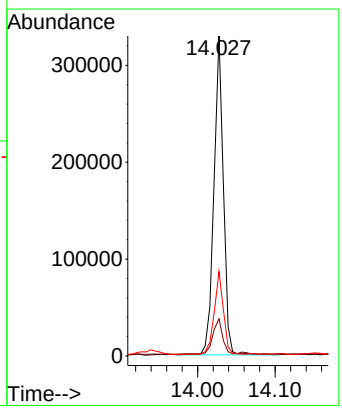


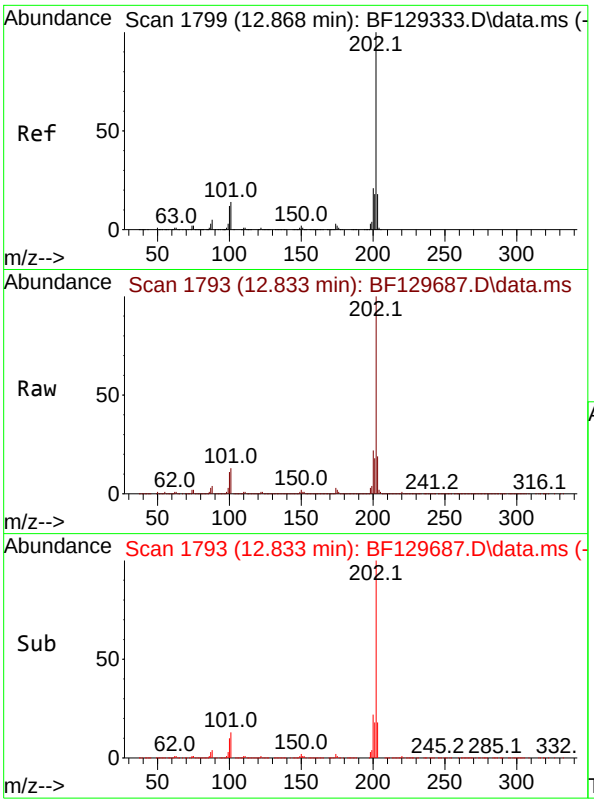


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Tgt Ion:240 Resp: 279555

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.9	13.3
236	26.4	20.8	31.2



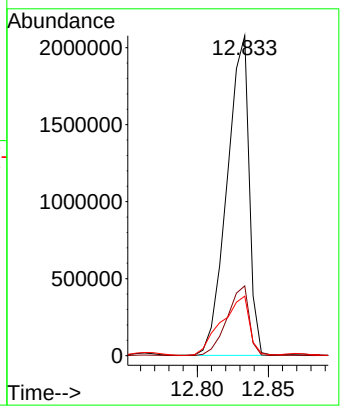


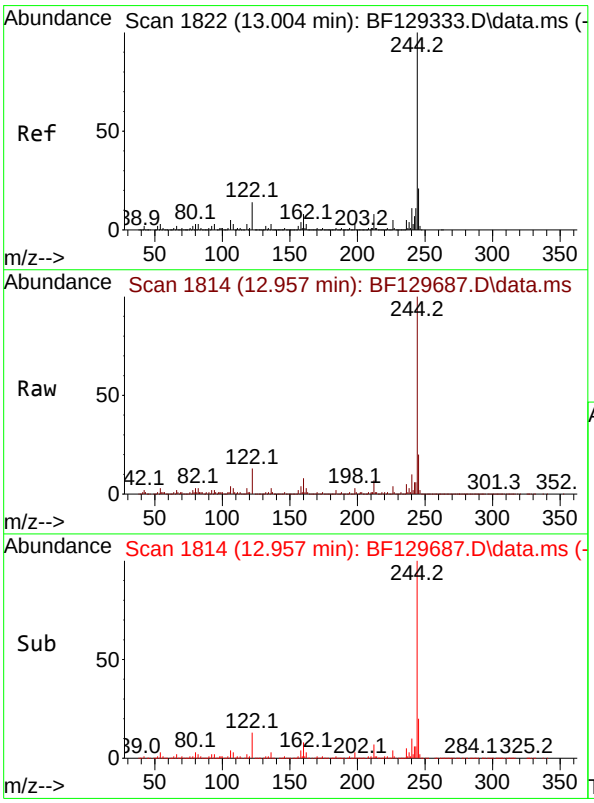
#78
Pyrene
Concen: 95.918 ng
RT: 12.833 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Instrument :
BNA_F
ClientSampleId :
PL-02-080522

Tgt Ion:202 Resp: 2242279

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	18.6	14.6	21.8

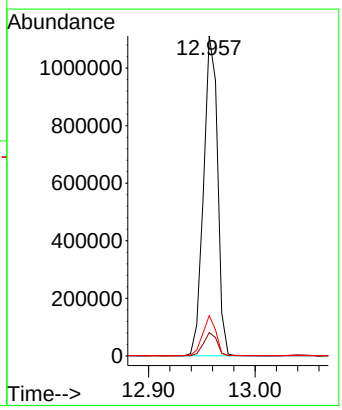


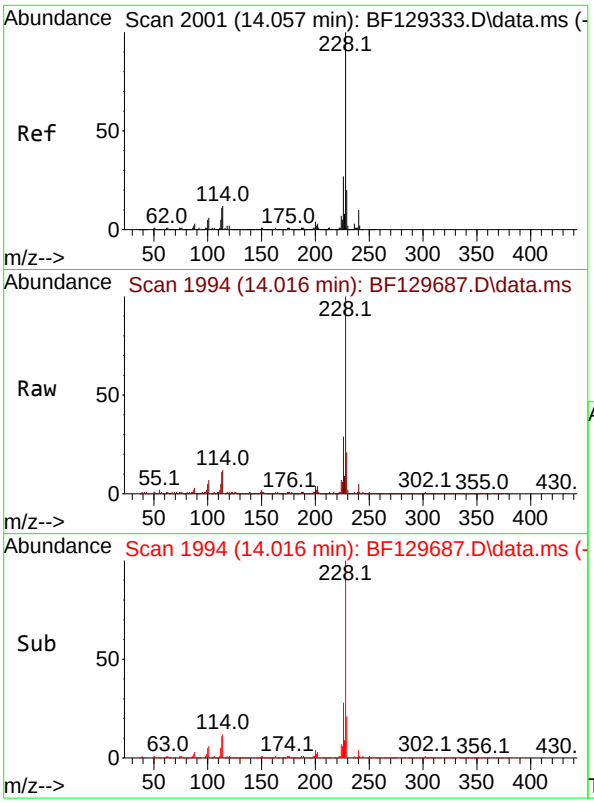


#79
Terphenyl-d14
Concen: 68.667 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Tgt Ion:244 Resp: 1017520

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	12.6	8.8	13.2



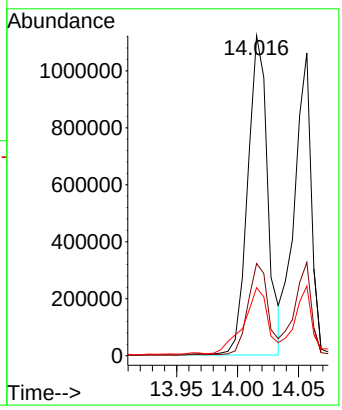


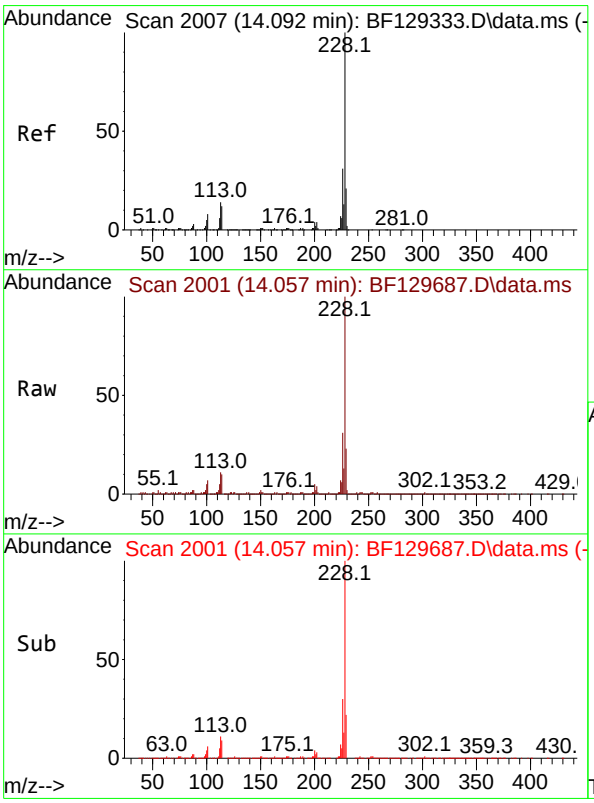
#81
Benzo(a)anthracene
Concen: 67.114 ng
RT: 14.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Instrument :
BNA_F
ClientSampleId :
PL-02-080522

Tgt Ion:228 Resp: 1281626

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.1	33.1
229	21.3	15.8	23.8

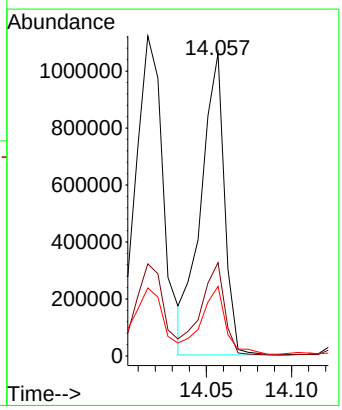


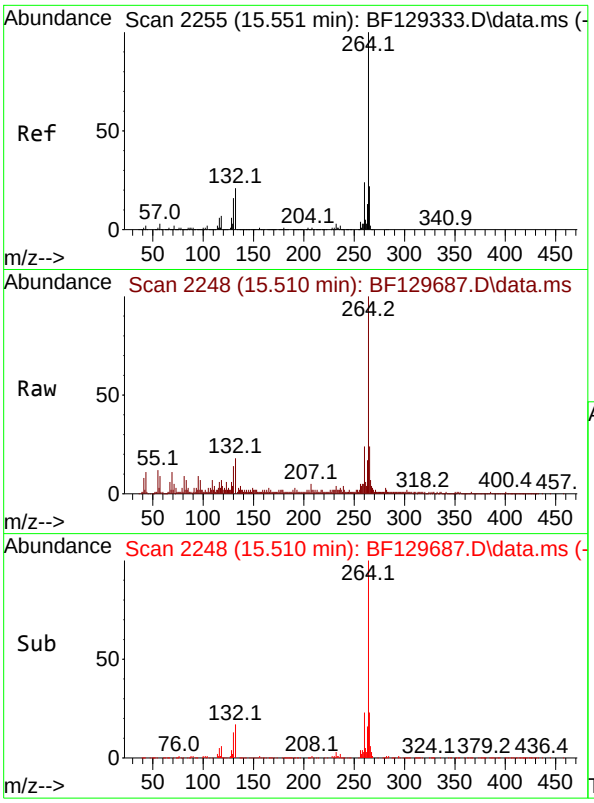


#83
Chrysene
Concen: 56.763 ng
RT: 14.057 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Tgt Ion:228 Resp: 1021587

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	23.0	15.9	23.9



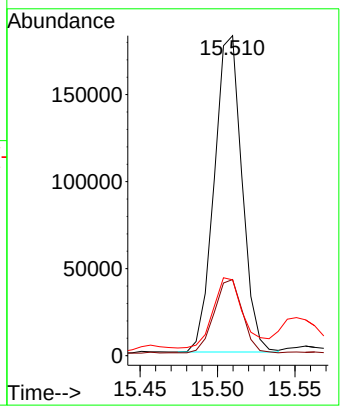


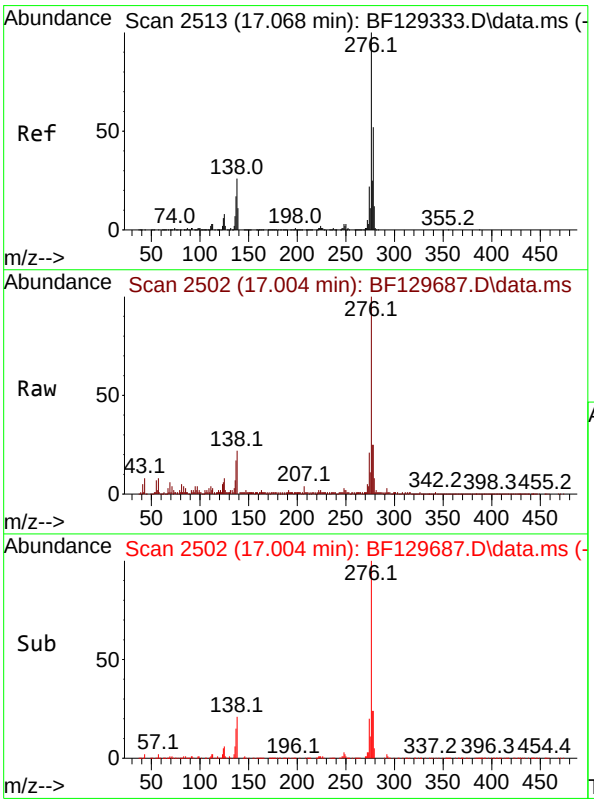
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Instrument :
BNA_F
ClientSampleId :
PL-02-080522

Tgt Ion:264 Resp: 226121

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	23.7	17.2	25.8

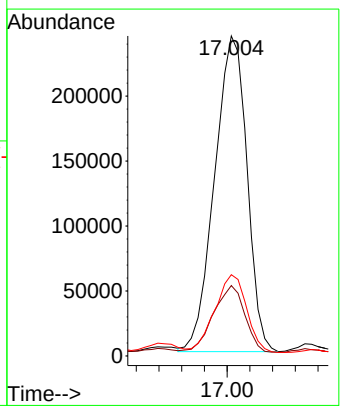


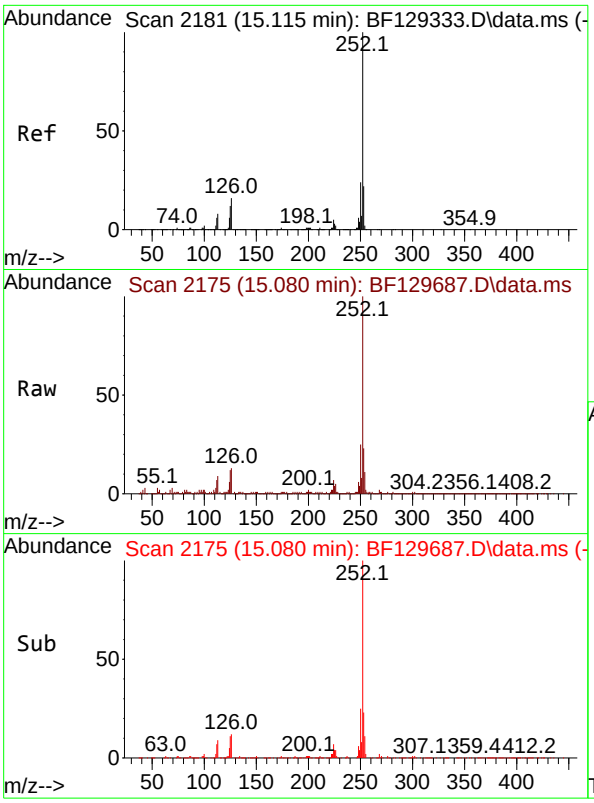


#87
Indeno(1,2,3-cd)pyrene
Concen: 31.613 ng
RT: 17.004 min Scan# 2502
Delta R.T. 0.006 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Tgt Ion:276 Resp: 481383

Ion	Ratio	Lower	Upper
276	100		
138	20.5	21.1	31.7#
277	24.2	20.3	30.5



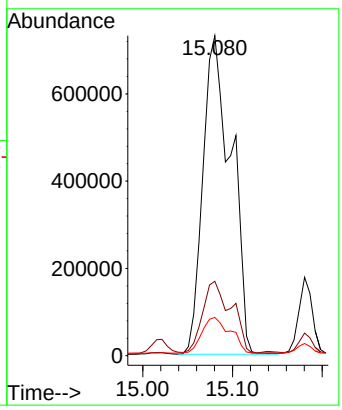


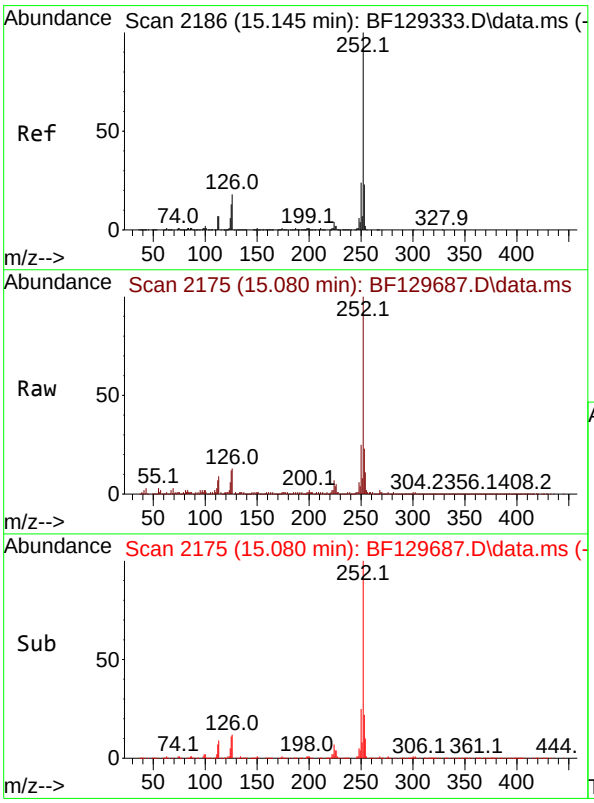
#88
Benzo(b)fluoranthene
Concen: 107.251 ng
RT: 15.080 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Instrument :
BNA_F
ClientSampleId :
PL-02-080522

Tgt Ion:252 Resp: 1608696

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	12.0	8.0	12.0

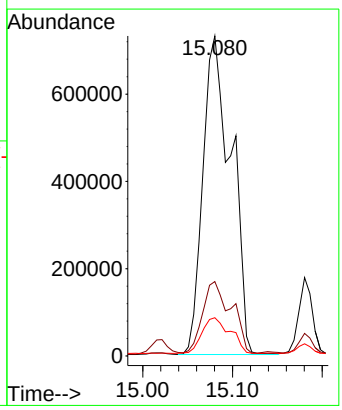


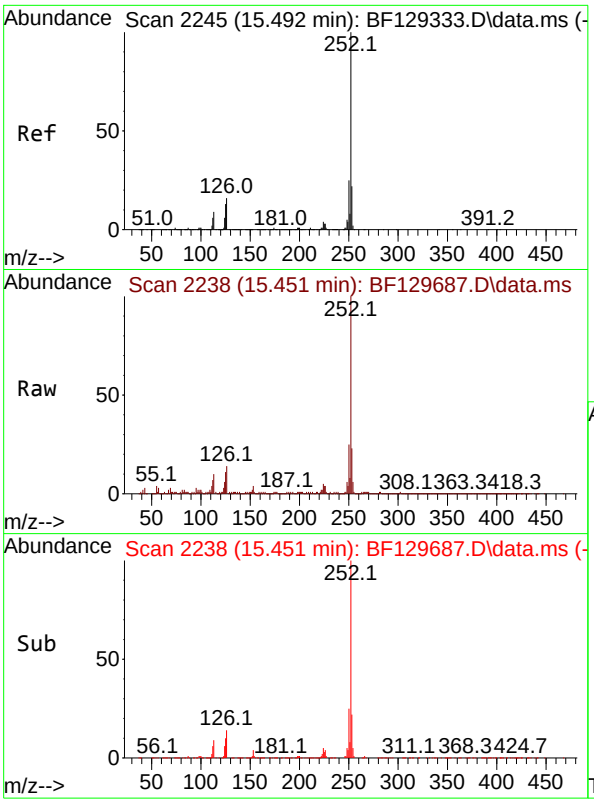


#89
Benzo(k)fluoranthene
Concen: 109.444 ng
RT: 15.080 min Scan# 2175
Delta R.T. -0.023 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Tgt Ion:252 Resp: 1608696

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	12.0	8.3	12.5



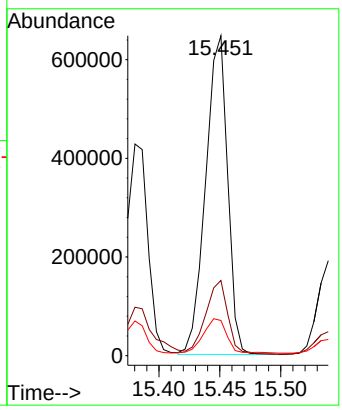


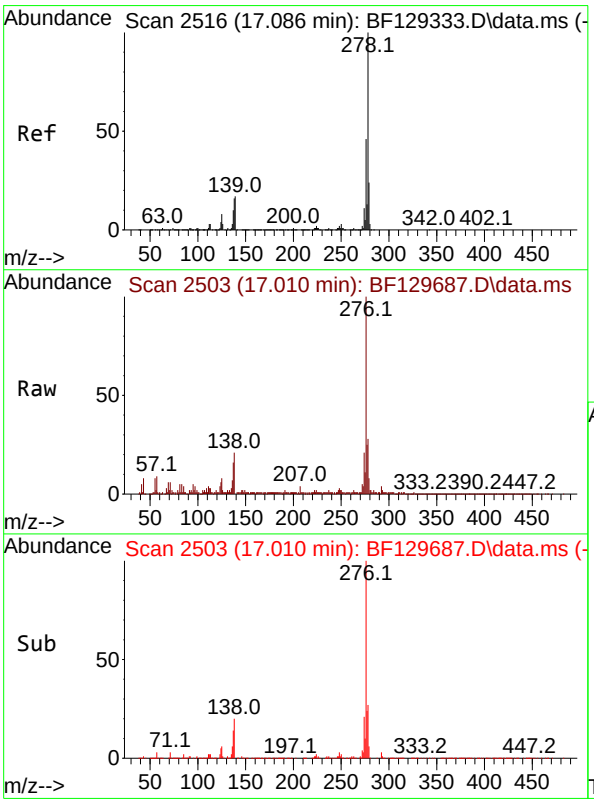
#90
Benzo(a)pyrene
Concen: 66.696 ng
RT: 15.451 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Instrument :
BNA_F
ClientSampleId :
PL-02-080522

Tgt Ion:252 Resp: 812088

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	11.0	8.8	13.2

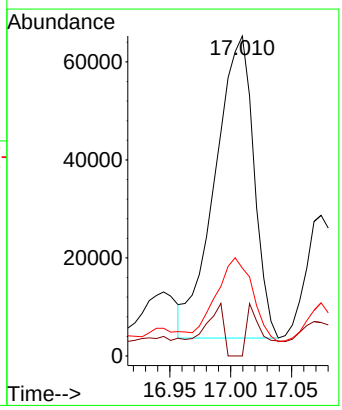


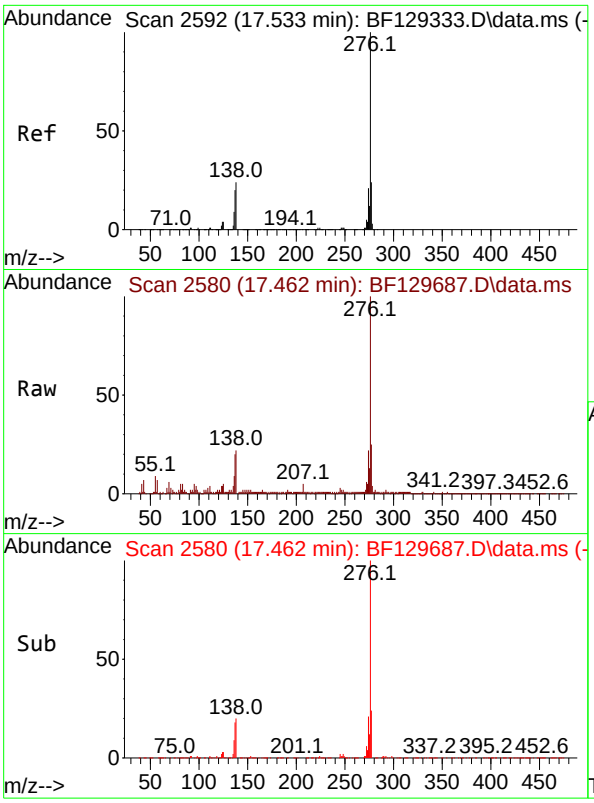


#91
Dibenzo(a,h)anthracene
Concen: 11.037 ng
RT: 17.010 min Scan# 2503
Delta R.T. 0.000 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Tgt Ion:278 Resp: 136782

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.8	19.2#
279	27.5	18.6	28.0





#92
Benzo(g,h,i)perylene
Concen: 34.025 ng
RT: 17.462 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF129687.D
Acq: 10 Aug 2022 02:45

Instrument :
BNA_F
ClientSampleId :
PL-02-080522

Tgt Ion:276 Resp: 430894

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.1	28.7
138	21.6	18.0	27.0