Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128831.D
Acq On : 15 Jun 2022 17:52
Operator : CG\JU
Sample : N3353-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Quant Time: Jun 16 03:57:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 14 14:53:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	64626	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	223299	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	113935	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	195902	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	127880	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	94019	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	369656	91.109	ng	0.00
7) Phenol-d6	6.440	99	449465	90.753	ng	0.00
23) Nitrobenzene-d5	7.351	82	294682	61.442	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	106899	79.408	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	564996	69.465	ng	0.00
79) Terphenyl-d14	12.904	244	548637	74.549	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	42003	13.640	ng	# 73
25) Isophorone	7.351	82	294676	40.454	ng	# 65
49) Acenaphthylene	9.686	152	64120	6.421	ng	99
58) Fluorene	10.375	166	15334	2.116	ng	97
67) 4-Bromophenyl-phenylether	10.616	248	6797	3.111	ng	# 1
71) Phenanthrene	11.339	178	255135	25.965	ng	98
72) Anthracene	11.392	178	104262	10.720	ng	98
73) Carbazole	11.545	167	19283	2.135	ng	96
75) Fluoranthene	12.539	202	876267	85.314	ng	96
78) Pyrene	12.769	202	828016	87.029	ng	98
81) Benzo(a)anthracene	13.957	228	431568	54.141	ng	96
83) Chrysene	13.992	228	366950	48.286	ng	98
87) Indeno(1,2,3-cd)pyrene	16.886	276	163975	28.936	ng	# 86
88) Benzo(b)fluoranthene	15.010	252	610025	101.541	ng	97
89) Benzo(k)fluoranthene	15.010	252	610025	107.942	ng	97
90) Benzo(a)pyrene	15.368	252	309862	65.623	ng	97
91) Dibenzo(a,h)anthracene	16.892	278	42141	8.965	ng	# 88
92) Benzo(g,h,i)perylene	17.333	276	160450	34.442	ng	# 92

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

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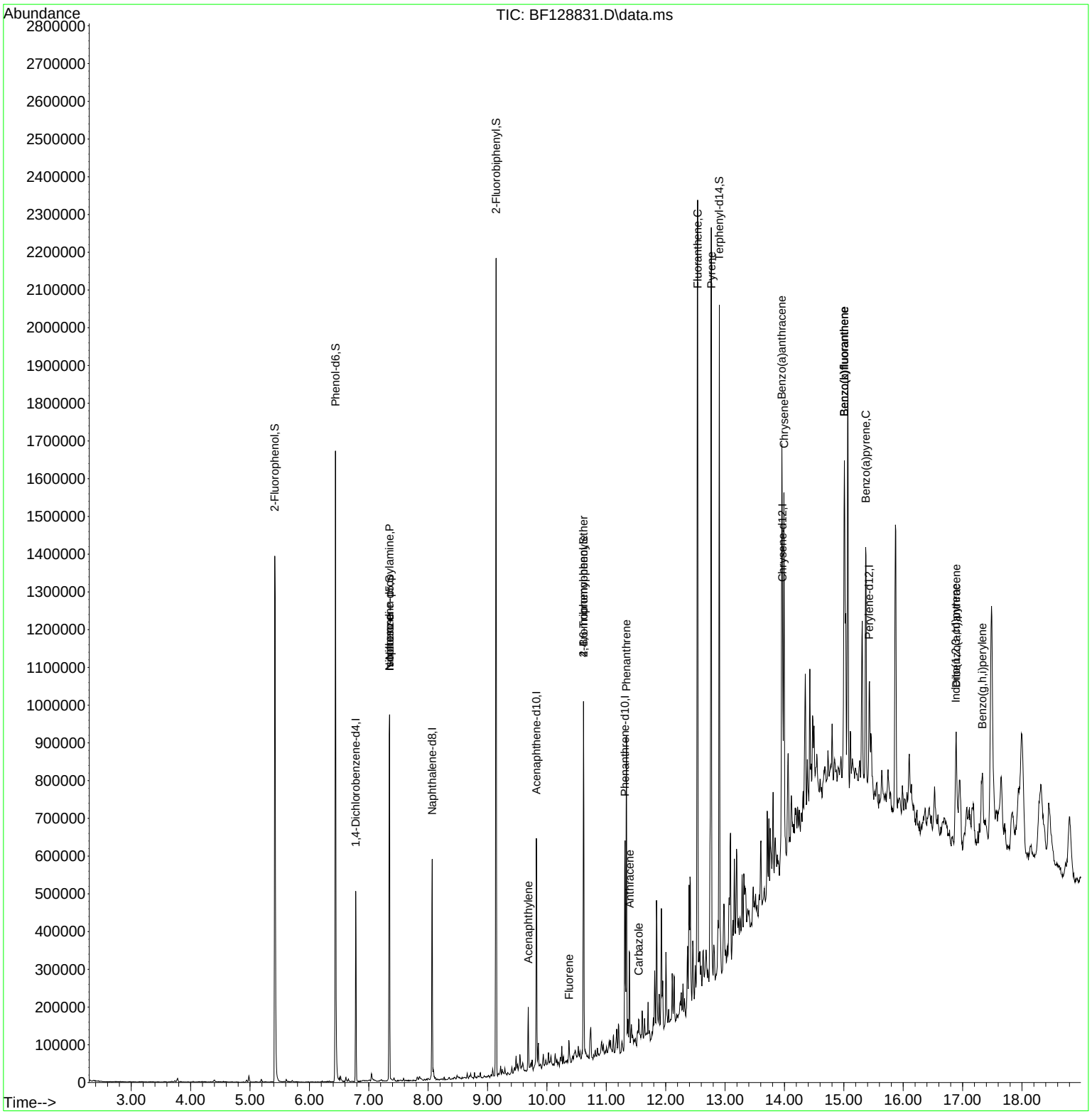
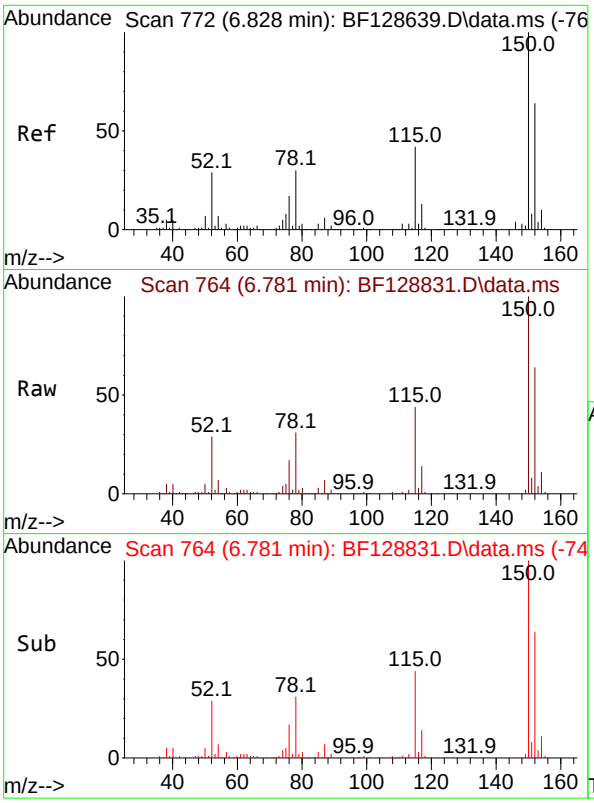


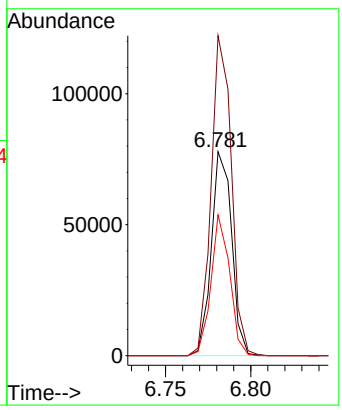


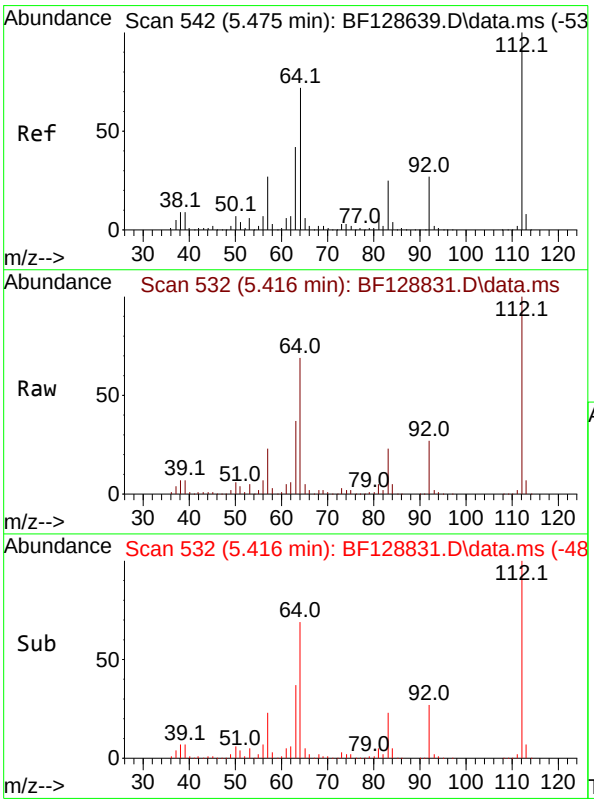
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Tgt Ion:152 Resp: 64626

Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.7	185.5
115	69.0	49.9	74.9

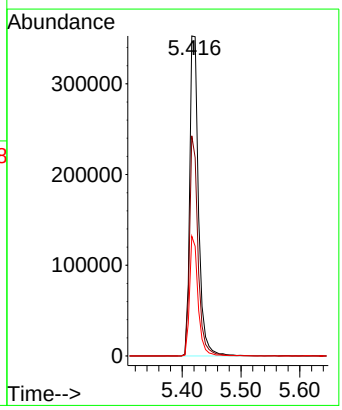


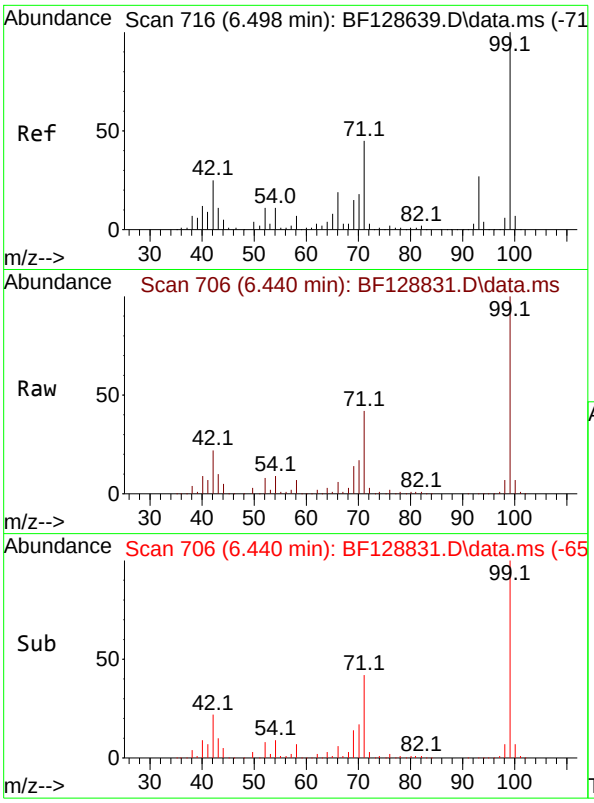


#5
2-Fluorophenol
Concen: 91.109 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.000 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Tgt Ion:112 Resp: 369656

Ion	Ratio	Lower	Upper
112	100		
64	68.8	53.3	79.9
63	37.4	28.0	42.0



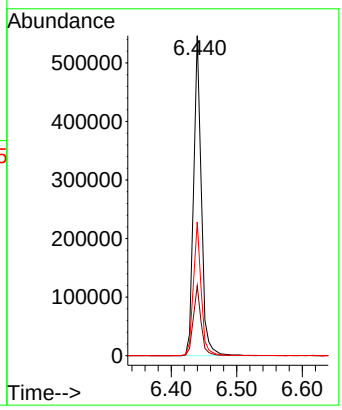


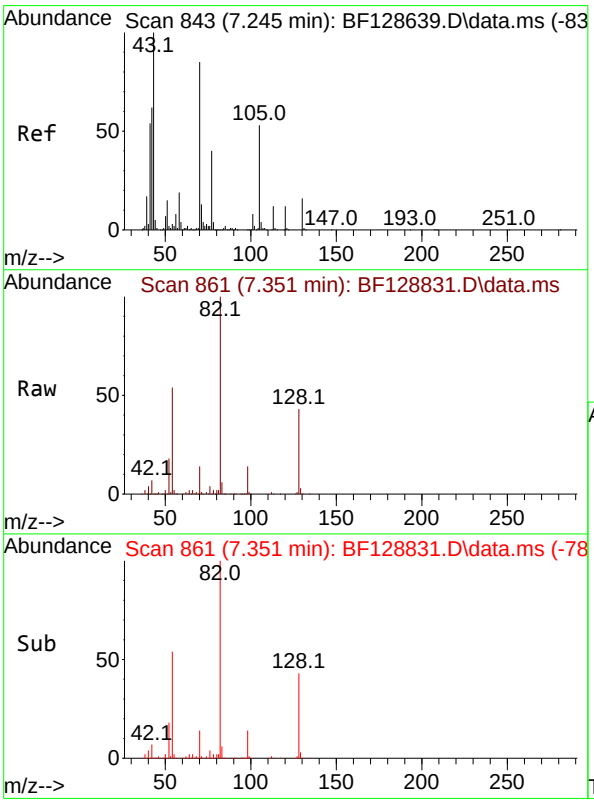
#7
Phenol-d6
Concen: 90.753 ng
RT: 6.440 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Tgt Ion: 99 Resp: 449465

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.3	25.9
71	41.8	28.9	43.3

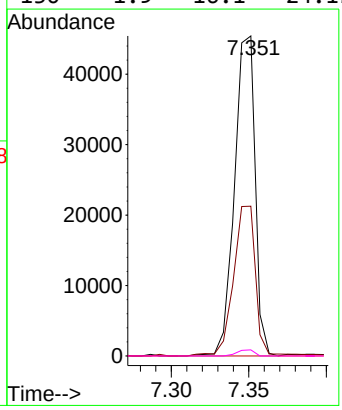


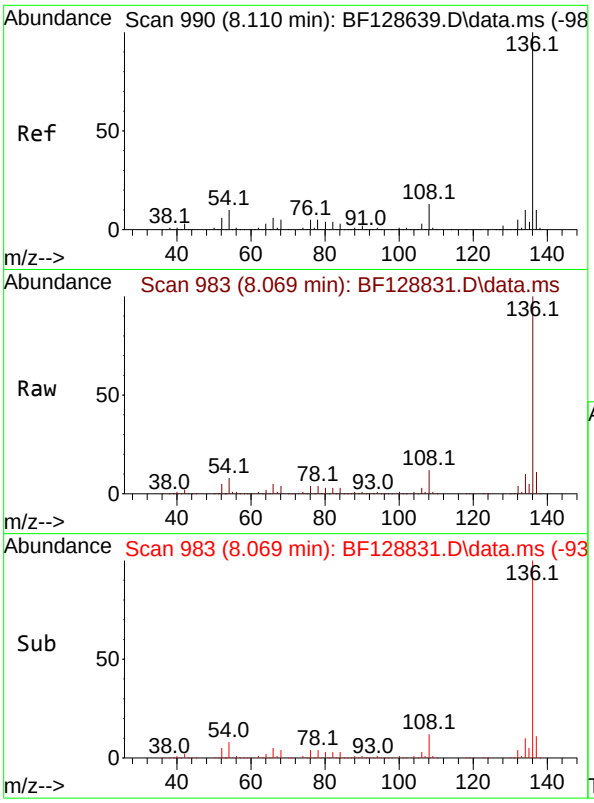


#19
n-Nitroso-di-n-propylamine
Concen: 13.640 ng
RT: 7.351 min Scan# 861
Delta R.T. 0.147 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 70 Resp: 42003

Ion	Ratio	Lower	Upper
70	100		
42	46.8	52.3	78.5#
101	0.0	7.5	11.3#
130	1.9	16.1	24.1#



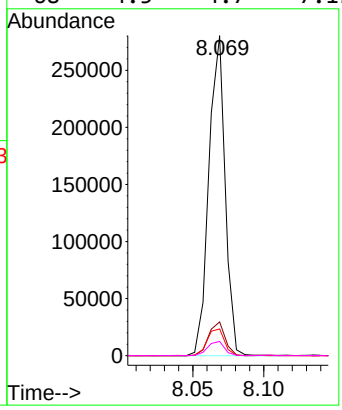


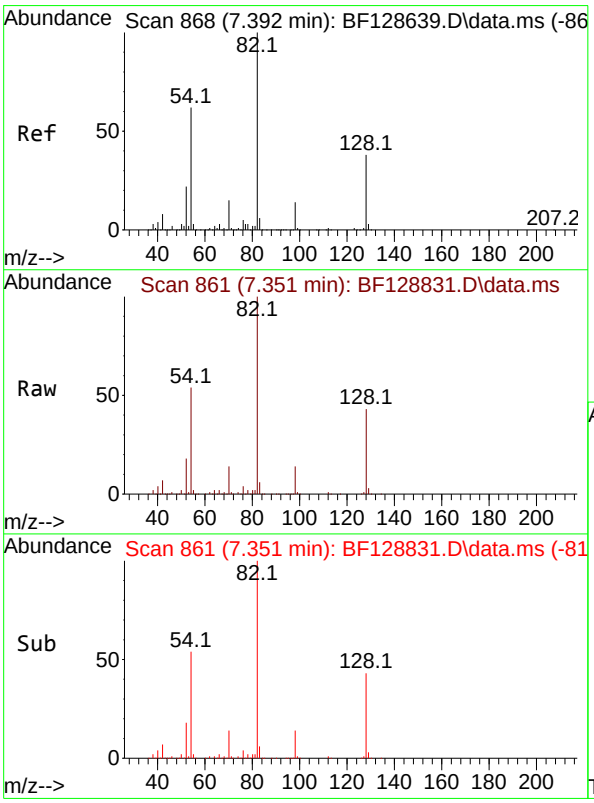
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Tgt Ion:136 Resp: 223299

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.3	7.5	11.3
68	4.5	4.7	7.1#

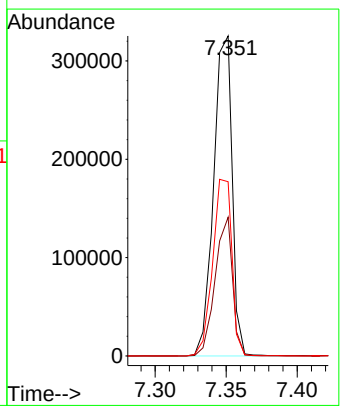


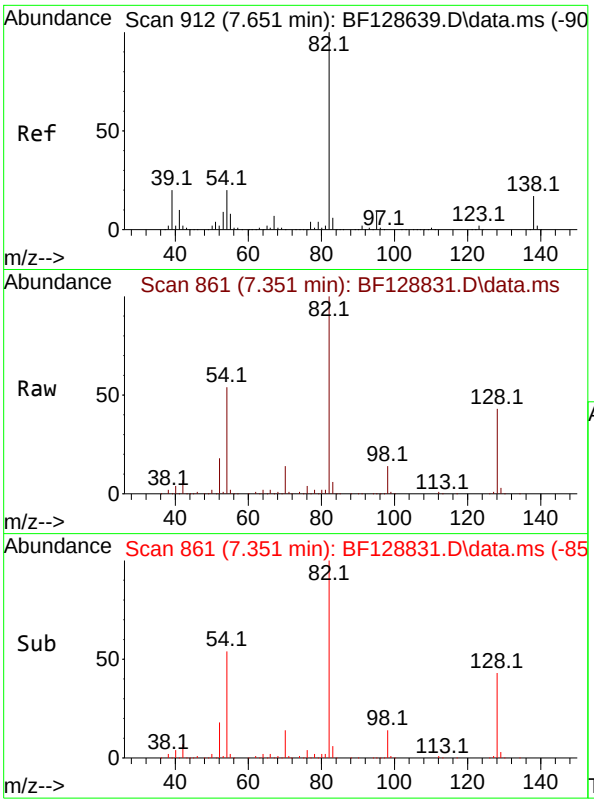


#23
Nitrobenzene-d5
Concen: 61.442 ng
RT: 7.351 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 82 Resp: 294682

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.0	51.0
54	54.4	46.9	70.3



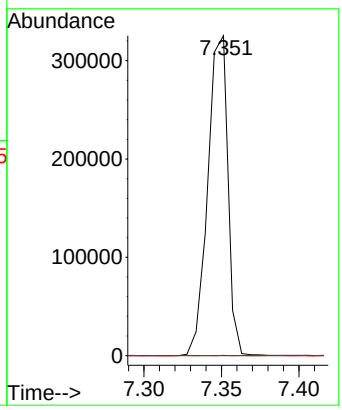


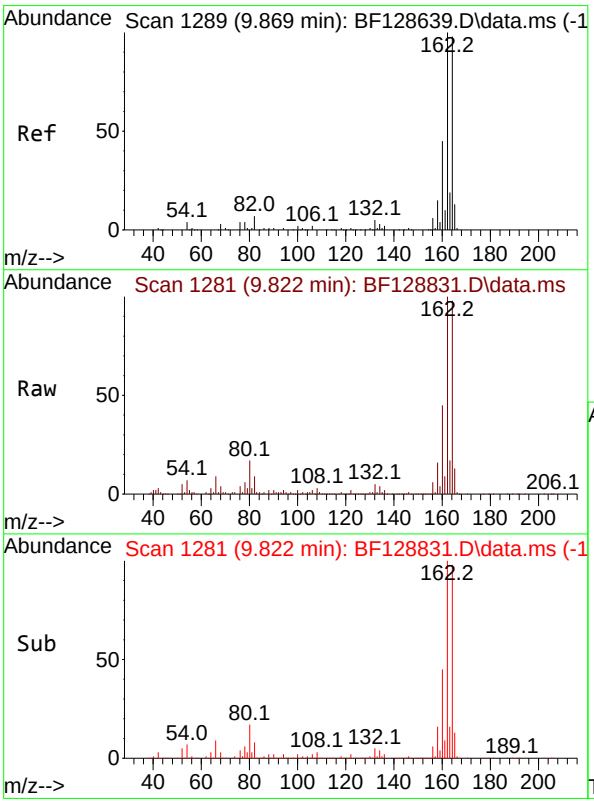
#25
Isophorone
Concen: 40.454 ng
RT: 7.351 min Scan# 8
Delta R.T. -0.259 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Tgt Ion: 82 Resp: 294676

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	14.2	21.2#

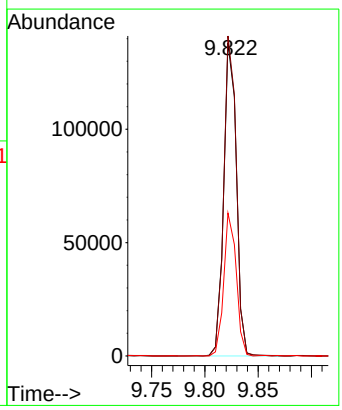


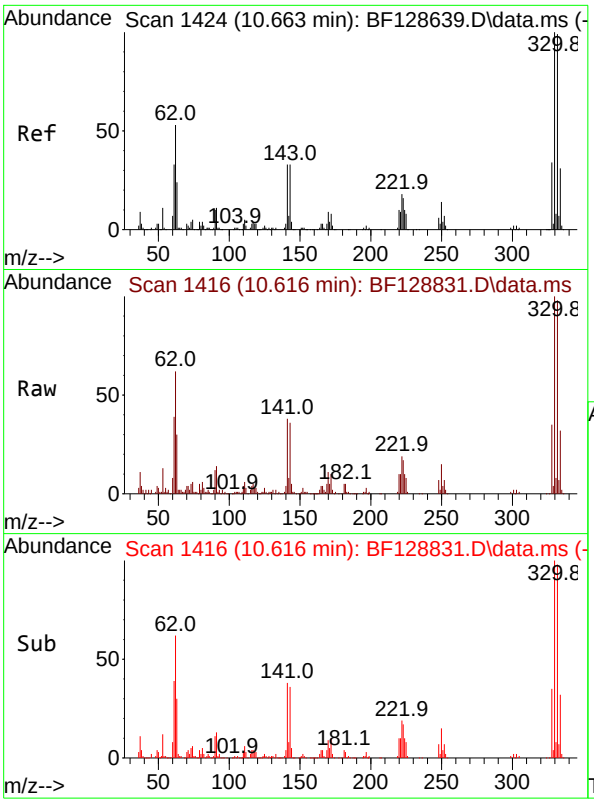


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Tgt Ion:164 Resp: 113935

Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.5	119.3
160	45.6	34.2	51.4



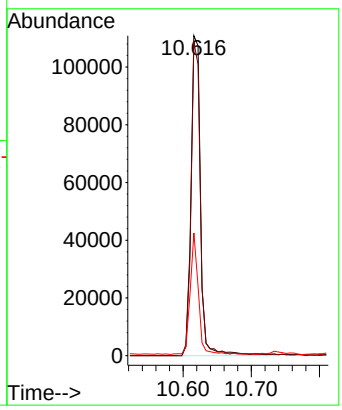


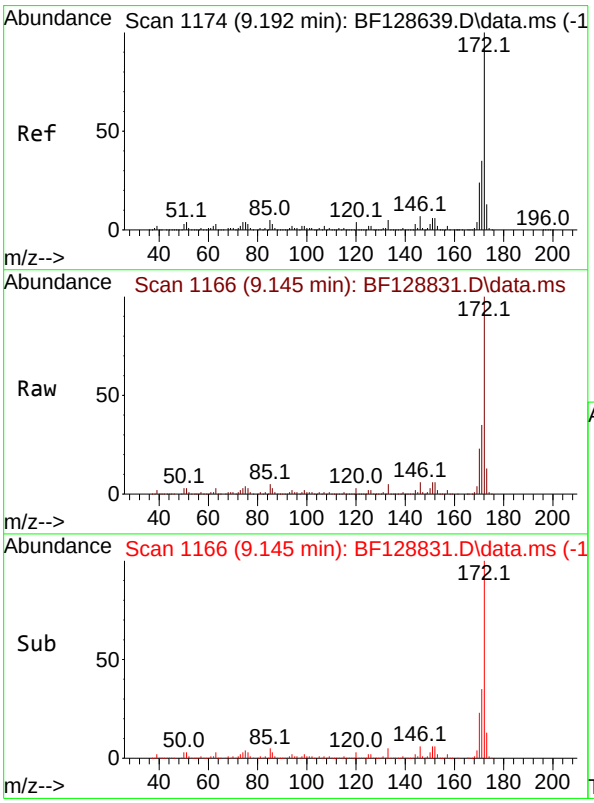
#42
2,4,6-Tribromophenol
Concen: 79.408 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Tgt Ion:330 Resp: 106899

Ion	Ratio	Lower	Upper
330	100		
332	93.2	76.8	115.2
141	32.7	28.0	42.0

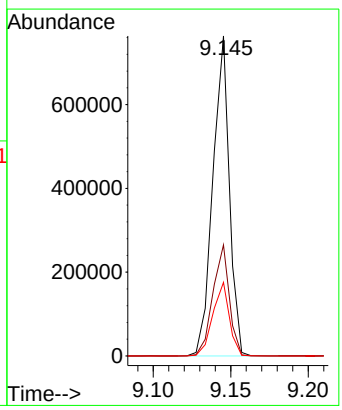


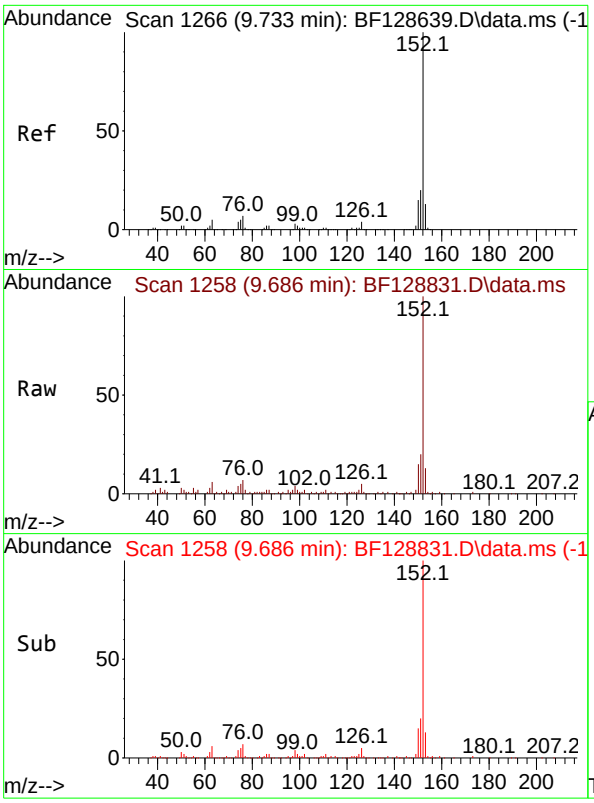


#45
2-Fluorobiphenyl
Concen: 69.465 ng
RT: 9.145 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Tgt Ion:172 Resp: 564996

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.8	43.2
170	23.0	19.8	29.8



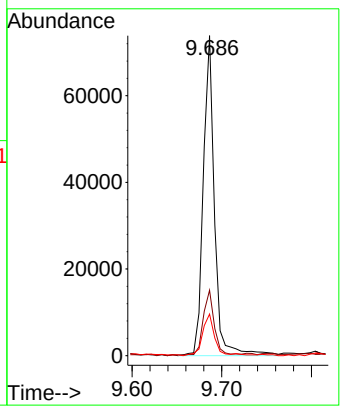


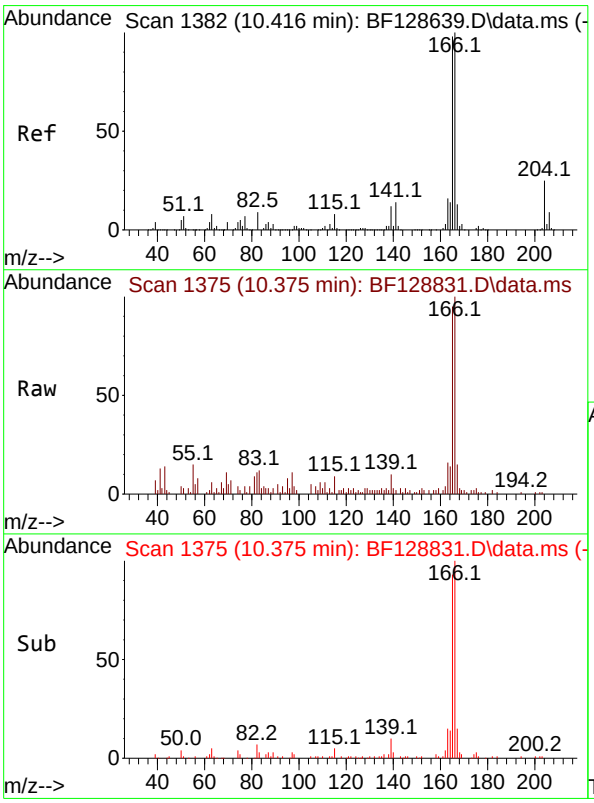
#49
Acenaphthylene
Concen: 6.421 ng
RT: 9.686 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Tgt Ion:152 Resp: 64120

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.0	10.7	16.1

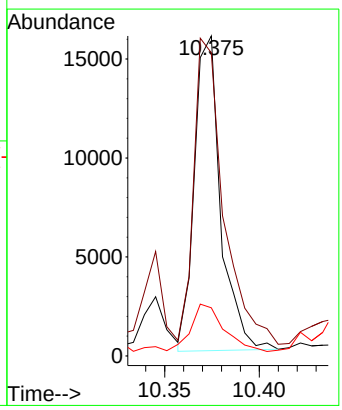


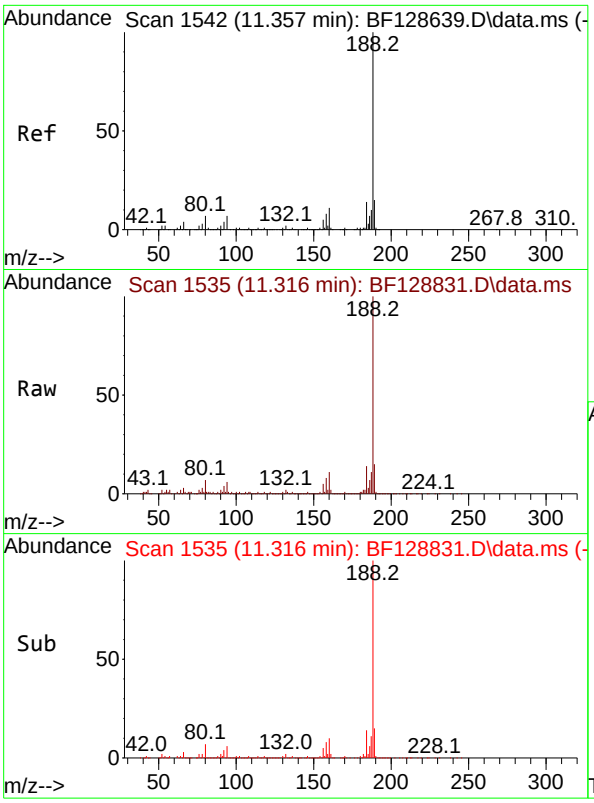


#58
Fluorene
Concen: 2.116 ng
RT: 10.375 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Tgt Ion:166 Resp: 15334

Ion	Ratio	Lower	Upper
166	100		
165	94.7	78.1	117.1
167	15.1	10.5	15.7



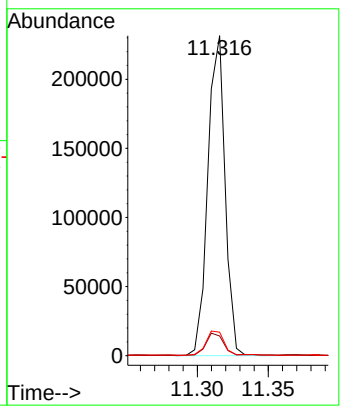


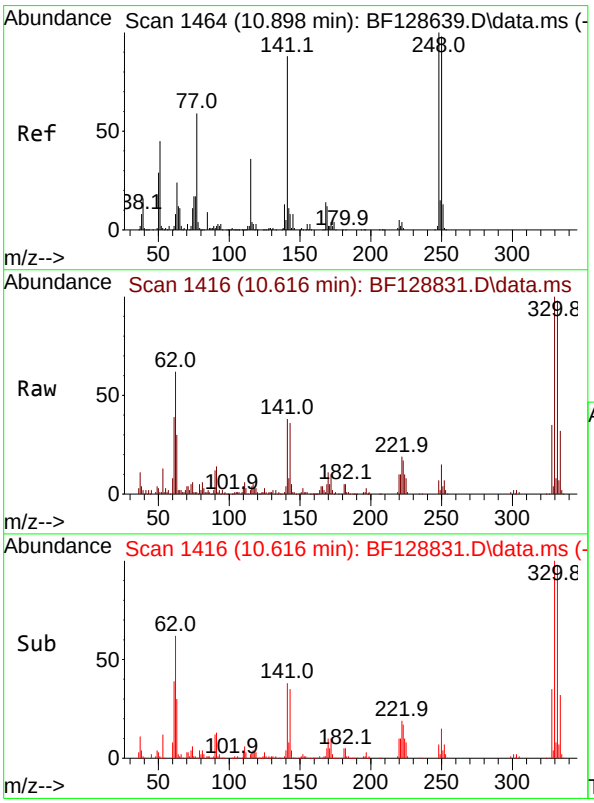
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Tgt Ion:188 Resp: 195902

Ion	Ratio	Lower	Upper
188	100		
94	6.2	7.0	10.6#
80	7.3	7.6	11.4#

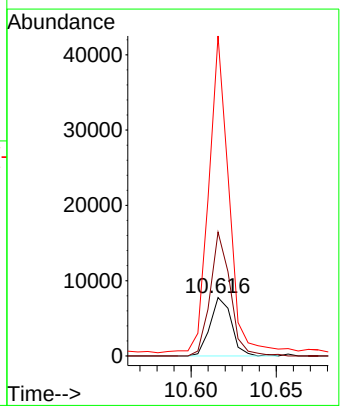


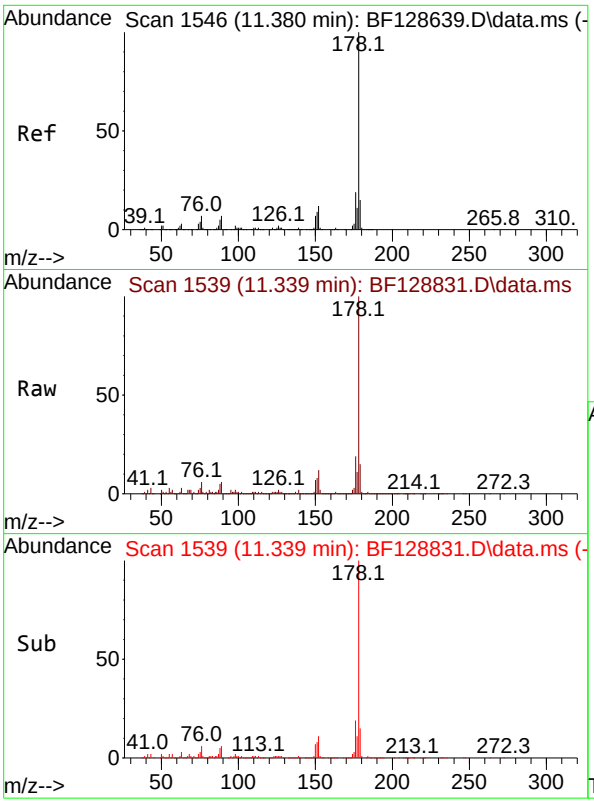


#67
4-Bromophenyl-phenylether
Concen: 3.111 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.241 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Tgt Ion:248 Resp: 6797

Ion	Ratio	Lower	Upper
248	100		
250	211.7	80.6	120.8#
141	547.3	58.9	88.3#



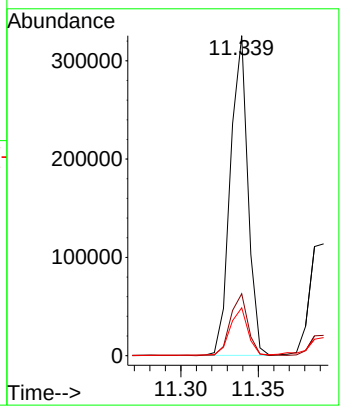


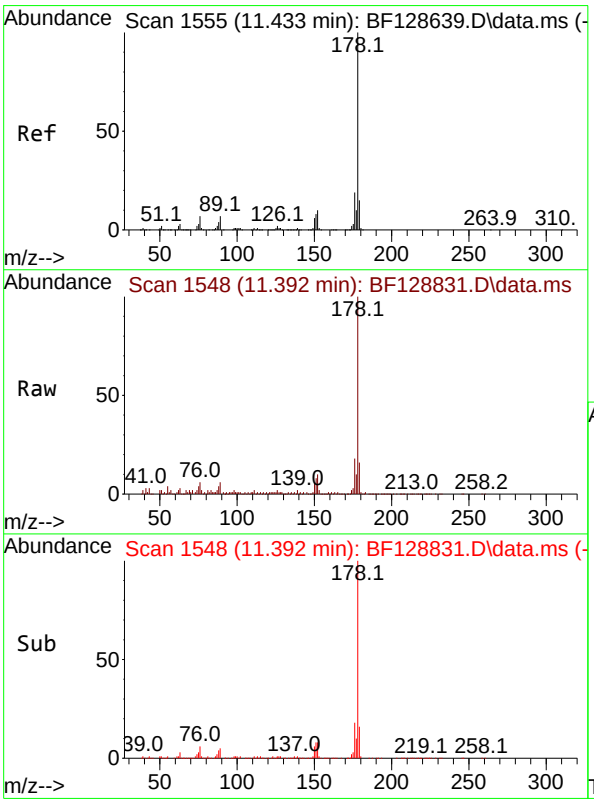
#71
Phenanthrene
Concen: 25.965 ng
RT: 11.339 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Tgt Ion:178 Resp: 255135

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.0	12.6	19.0

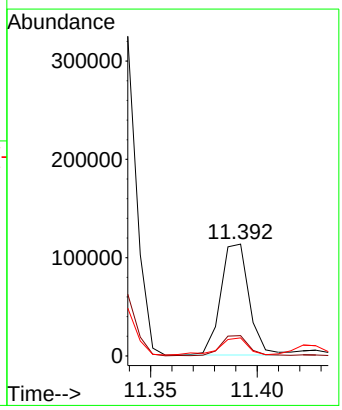


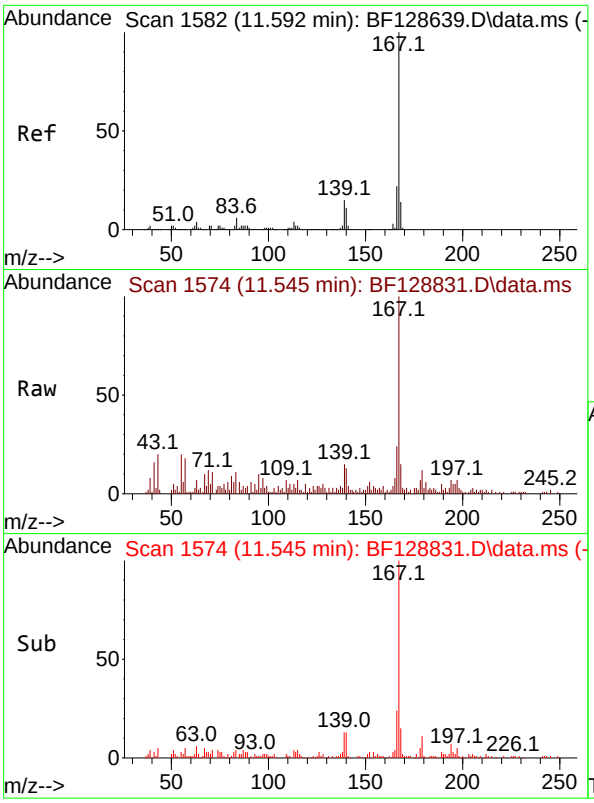


#72
Anthracene
Concen: 10.720 ng
RT: 11.392 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Tgt Ion:178 Resp: 104262

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	16.2	12.6	19.0



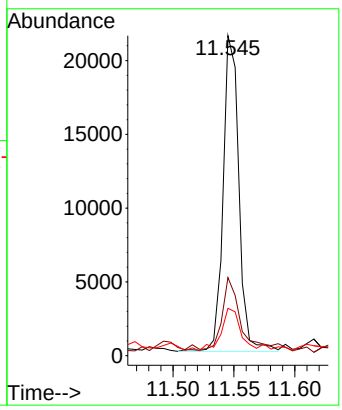


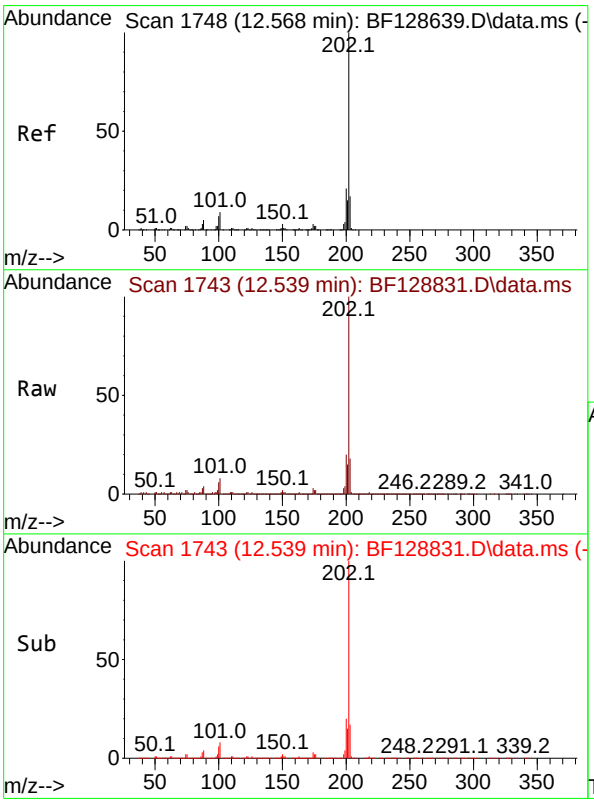
#73
Carbazole
Concen: 2.135 ng
RT: 11.545 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Tgt Ion:167 Resp: 19283

Ion	Ratio	Lower	Upper
167	100		
166	24.4	17.7	26.5
139	14.8	11.2	16.8

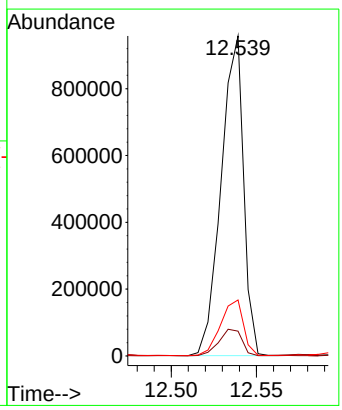


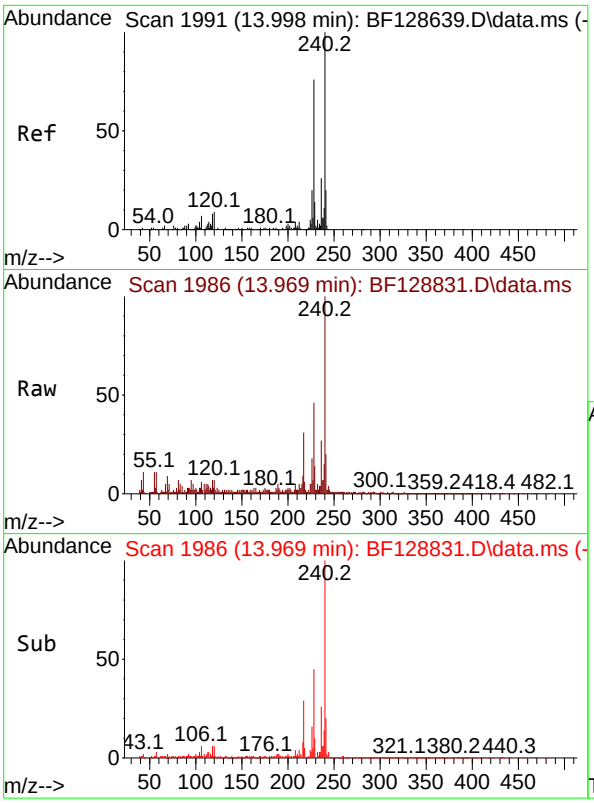


#75
Fluoranthene
Concen: 85.314 ng
RT: 12.539 min Scan# 1743
Delta R.T. 0.012 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Tgt Ion:202 Resp: 876267

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	31.4
203	17.5	0.0	38.0



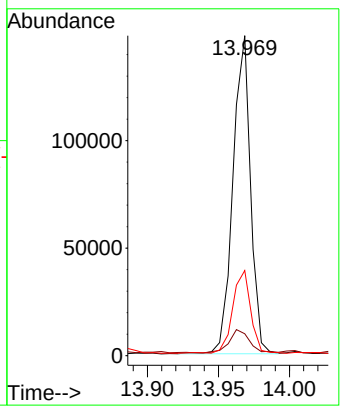


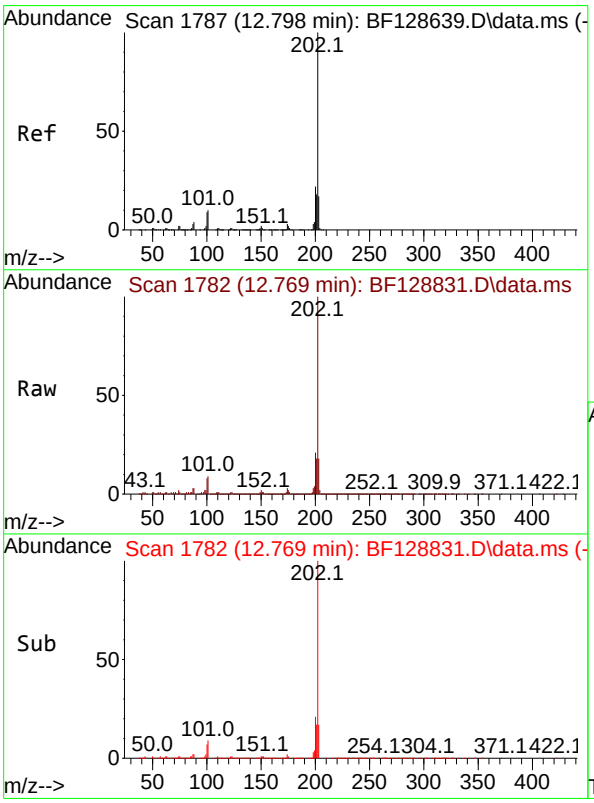
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Tgt Ion:240 Resp: 127880

Ion	Ratio	Lower	Upper
240	100		
120	6.9	8.9	13.3#
236	26.6	20.8	31.2

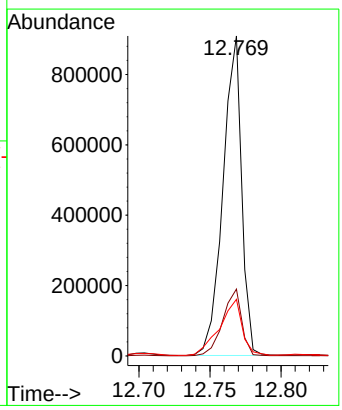


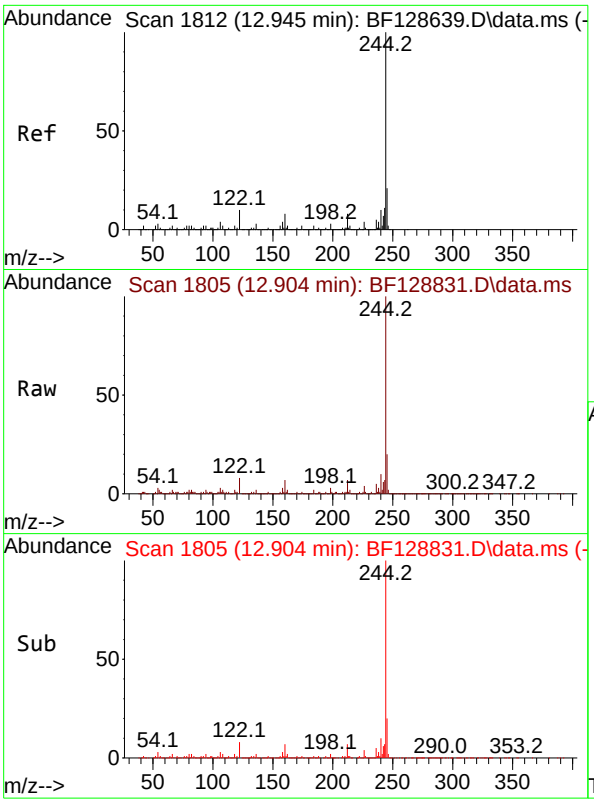


#78
Pyrene
Concen: 87.029 ng
RT: 12.769 min Scan# 1782
Delta R.T. 0.012 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Tgt Ion:202 Resp: 828016

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.7	26.5
203	17.7	14.6	21.8



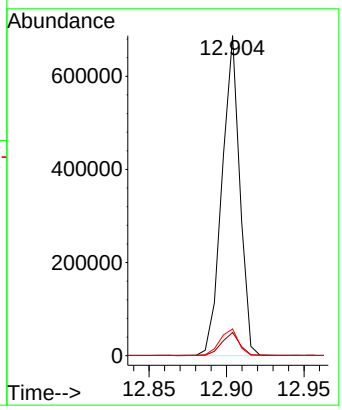


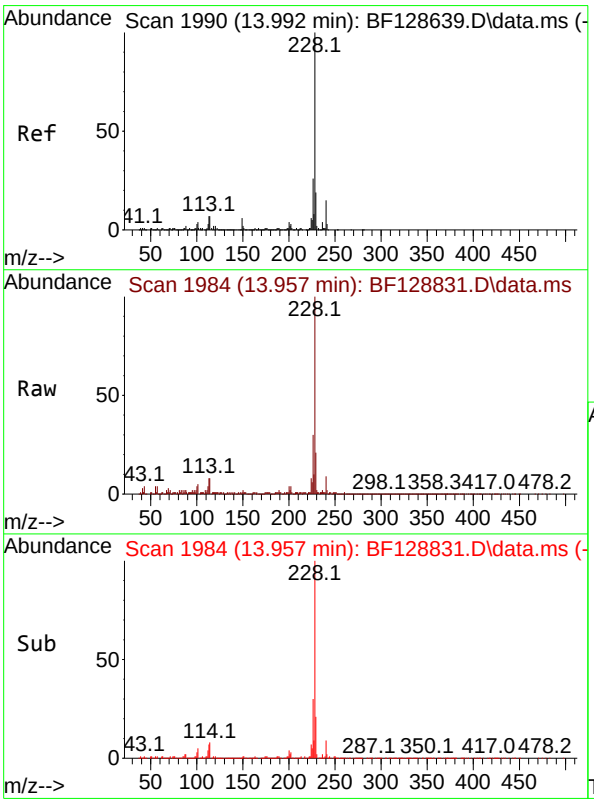
#79
Terphenyl-d14
Concen: 74.549 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Tgt Ion:244 Resp: 548637

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	8.4	8.8	13.2#

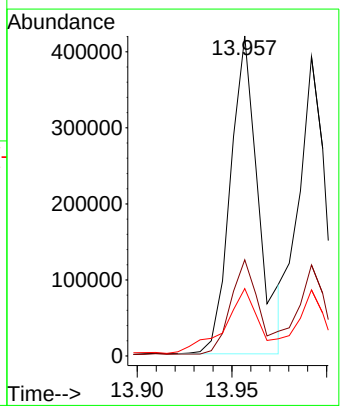


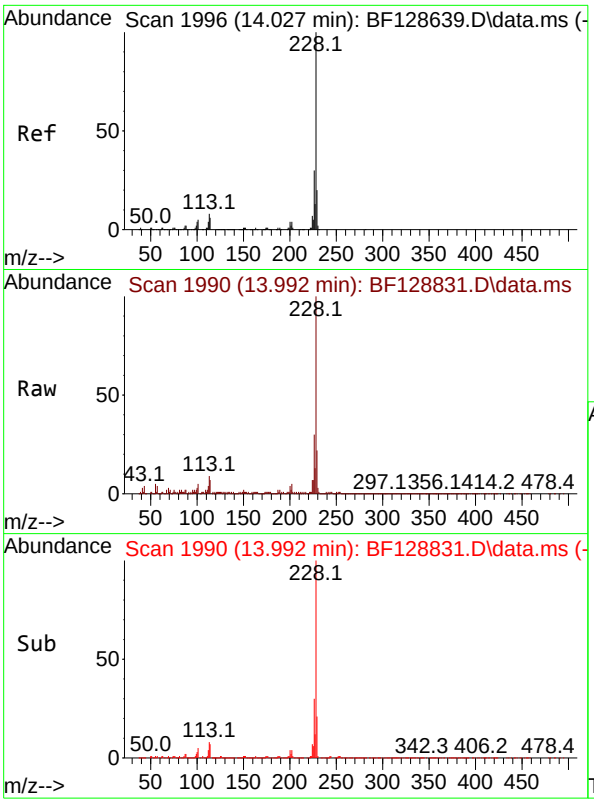


#81
Benzo(a)anthracene
Concen: 54.141 ng
RT: 13.957 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Tgt Ion:228 Resp: 431568

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.1	33.1
229	21.1	15.8	23.8



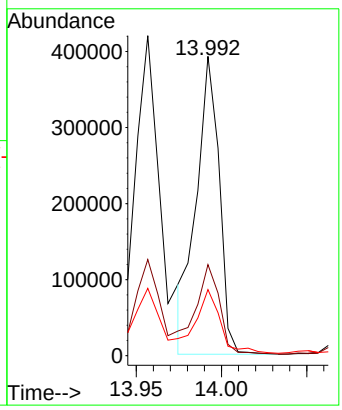


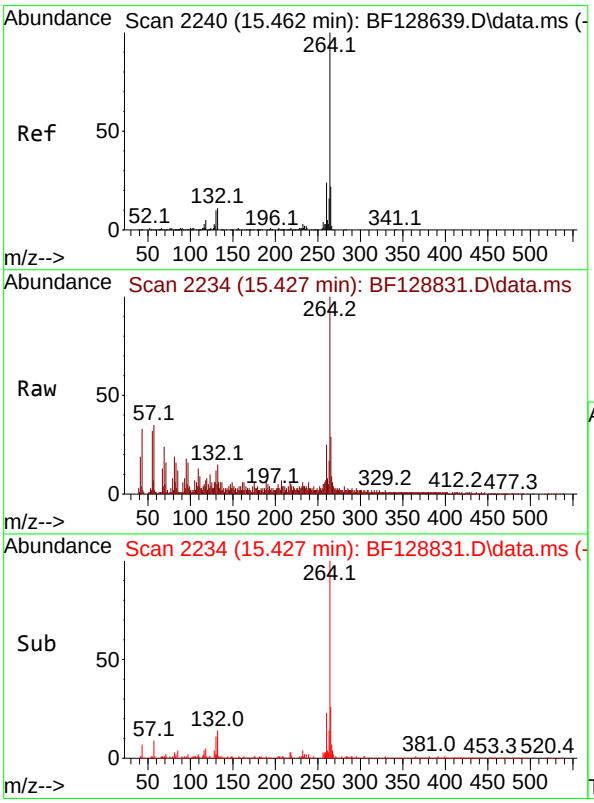
#83
Chrysene
Concen: 48.286 ng
RT: 13.992 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Tgt Ion:228 Resp: 366950

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	22.1	15.9	23.9

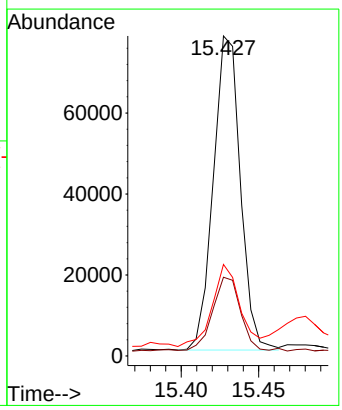


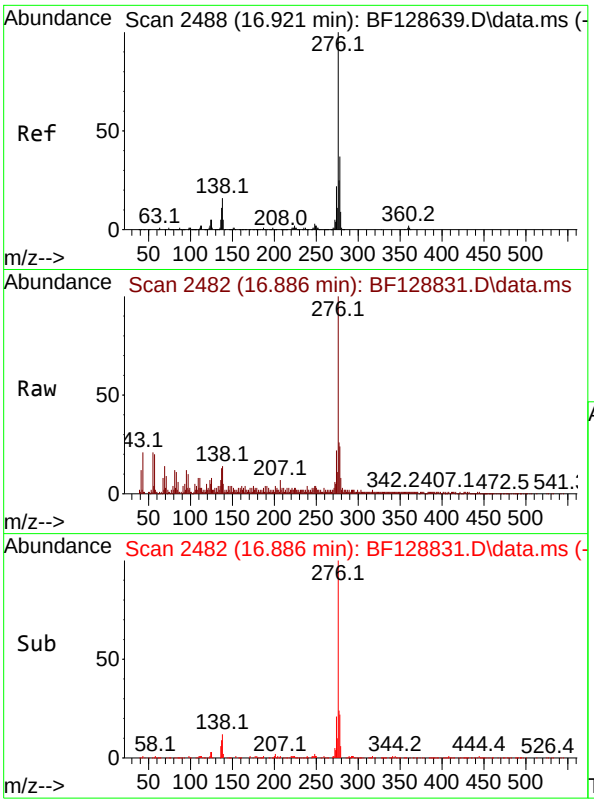


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2234
Delta R.T. 0.012 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Tgt Ion:264 Resp: 94019

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.4	27.6
265	28.6	17.2	25.8#



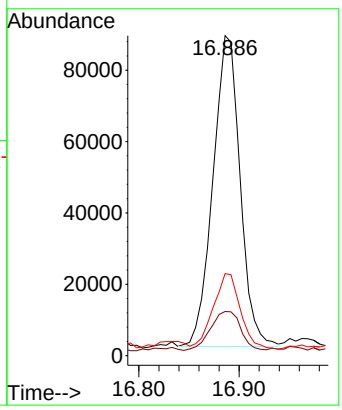


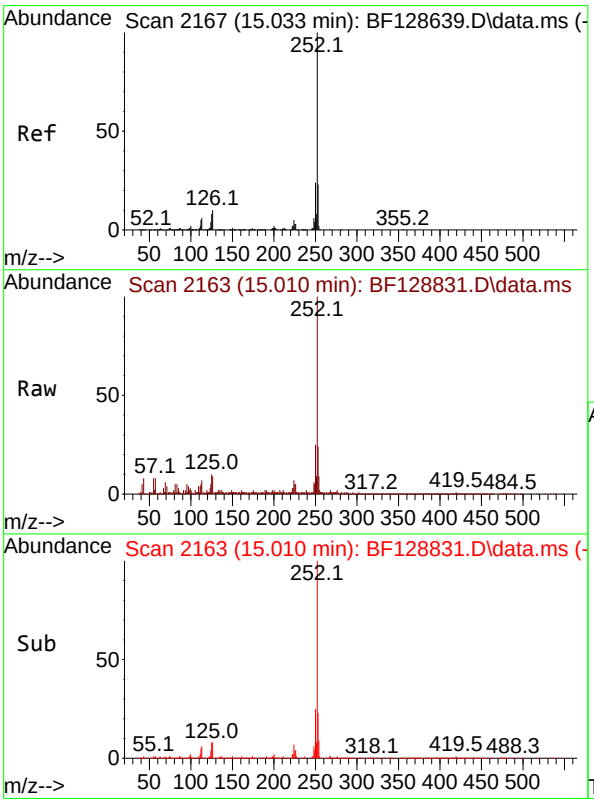
#87
Indeno(1,2,3-cd)pyrene
Concen: 28.936 ng
RT: 16.886 min Scan# 24
Delta R.T. 0.024 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Tgt Ion:276 Resp: 163975

Ion	Ratio	Lower	Upper
276	100		
138	13.9	21.1	31.7#
277	24.2	20.3	30.5

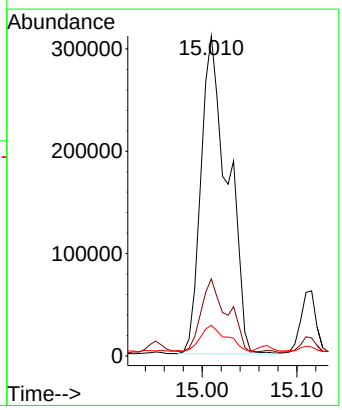


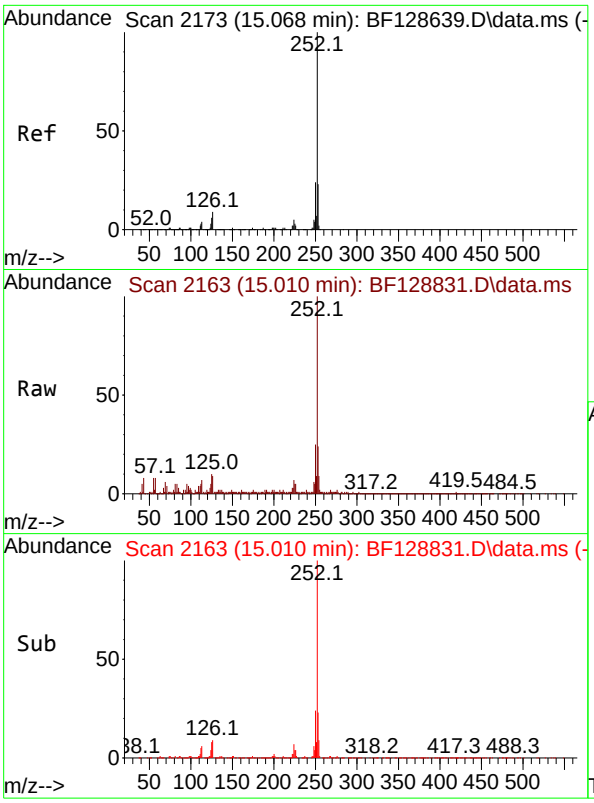


#88
Benzo(b)fluoranthene
Concen: 101.541 ng
RT: 15.010 min Scan# 2163
Delta R.T. 0.018 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Tgt Ion:252 Resp: 610025

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	9.6	8.0	12.0



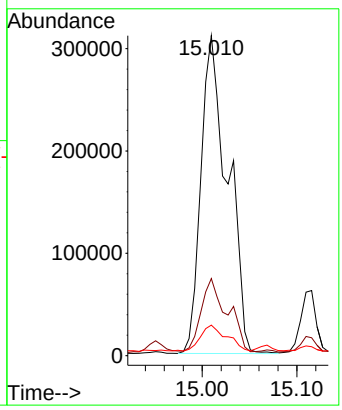


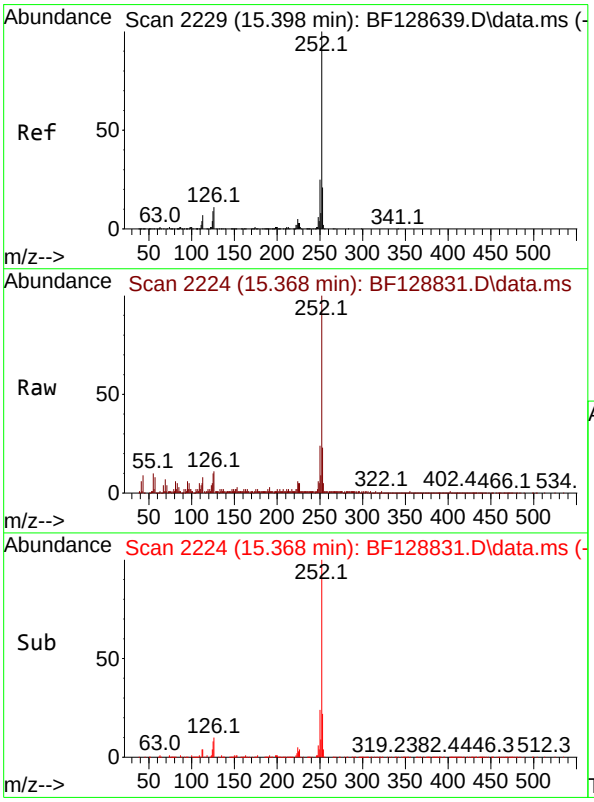
#89
Benzo(k)fluoranthene
Concen: 107.942 ng
RT: 15.010 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Tgt Ion:252 Resp: 610025

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	9.6	8.3	12.5

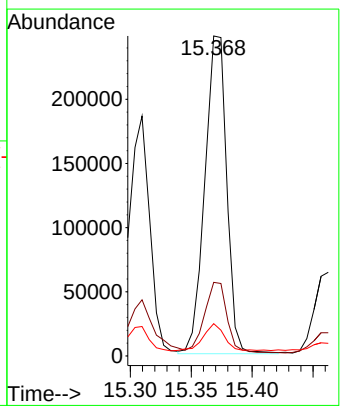


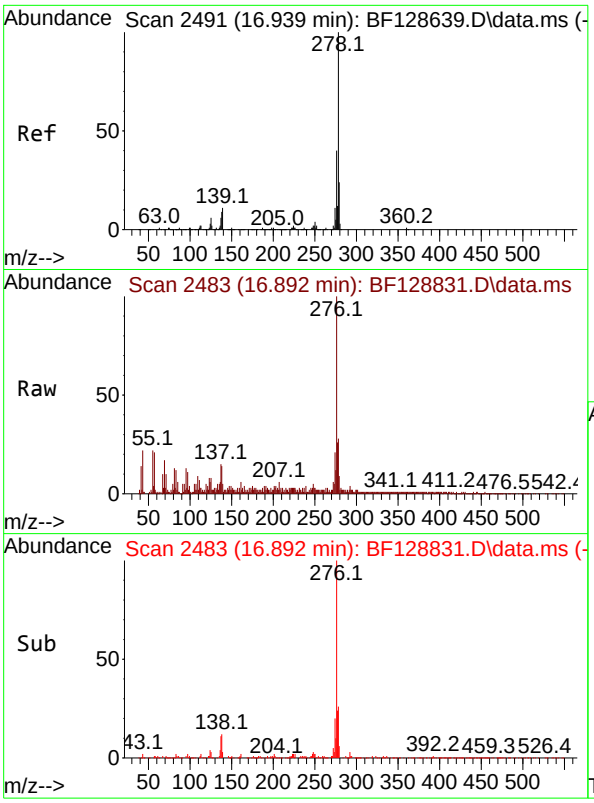


#90
Benzo(a)pyrene
Concen: 65.623 ng
RT: 15.368 min Scan# 2224
Delta R.T. 0.012 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Tgt Ion:252 Resp: 309862

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	10.1	8.8	13.2



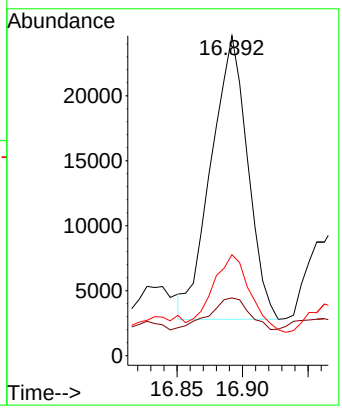


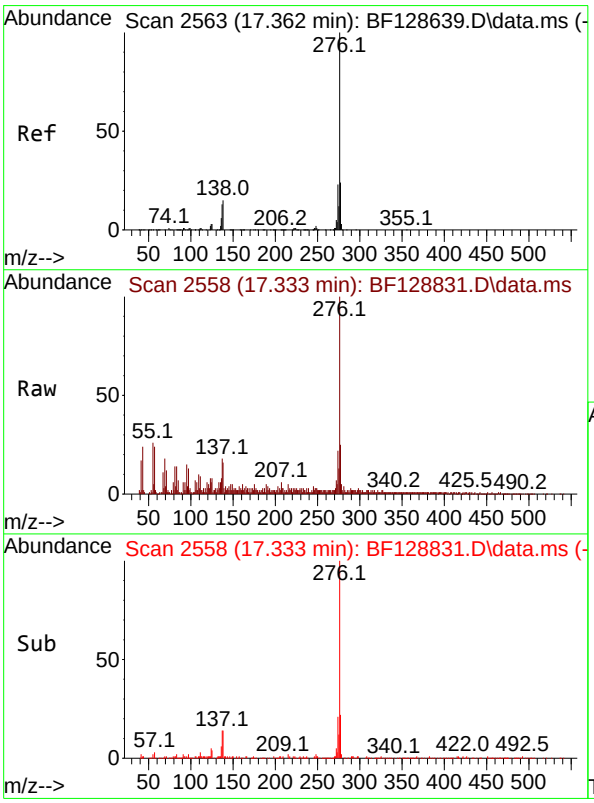
#91
Dibenzo(a,h)anthracene
Concen: 8.965 ng
RT: 16.892 min Scan# 24
Delta R.T. 0.018 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Instrument :
BNA_F
ClientSampleId :
PL-01-061422

Tgt Ion:278 Resp: 42141

Ion	Ratio	Lower	Upper
278	100		
139	18.0	12.8	19.2
279	31.6	18.6	28.0#





#92
Benzo(g,h,i)perylene
Concen: 34.442 ng
RT: 17.333 min Scan# 2558
Delta R.T. 0.035 min
Lab File: BF128831.D
Acq: 15 Jun 2022 17:52

Tgt Ion:276 Resp: 160450

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.1	28.7
138	15.6	18.0	27.0#