Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128829.D
Acq On : 15 Jun 2022 16:52
Operator : CG\JU
Sample : N3347-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

Quant Time: Jun 16 03:57:28 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	75308	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	261020	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	126777	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	225420	20.000	ng		0.00
76) Chrysene-d12	13.963	240	160791	20.000	ng	#	0.00
86) Perylene-d12	15.427	264	119002	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	357896	75.698	ng		0.00
7) Phenol-d6	6.434	99	440590	76.342	ng		0.00
23) Nitrobenzene-d5	7.345	82	288358	51.435	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	99889	66.685	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	541400	59.821	ng		0.00
79) Terphenyl-d14	12.904	244	556561	60.146	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	41011	11.429	ng	#	76
25) Isophorone	7.345	82	288234	33.851	ng	#	65
49) Acenaphthylene	9.681	152	50614	4.555	ng		100
67) 4-Bromophenyl-phenylether	10.616	248	6352	2.527	ng	#	1
71) Phenanthrene	11.333	178	140155	12.396	ng		99
72) Anthracene	11.386	178	51502	4.602	ng		97
75) Fluoranthene	12.533	202	496536	42.013	ng		95
78) Pyrene	12.763	202	499762	41.776	ng		97
81) Benzo(a)anthracene	13.951	228	313099	31.239	ng		97
83) Chrysene	13.992	228	280652	29.371	ng		97
88) Benzo(b)fluoranthene	15.004	252	495466	65.158	ng		95
89) Benzo(k)fluoranthene	15.004	252	495466	69.266	ng		95
90) Benzo(a)pyrene	15.304	252	171440	28.686	ng		98
91) Dibenzo(a,h)anthracene	16.886	278	40976	6.887	ng	#	85
92) Benzo(g,h,i)perylene	17.327	276	161550	27.398	ng	#	90

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

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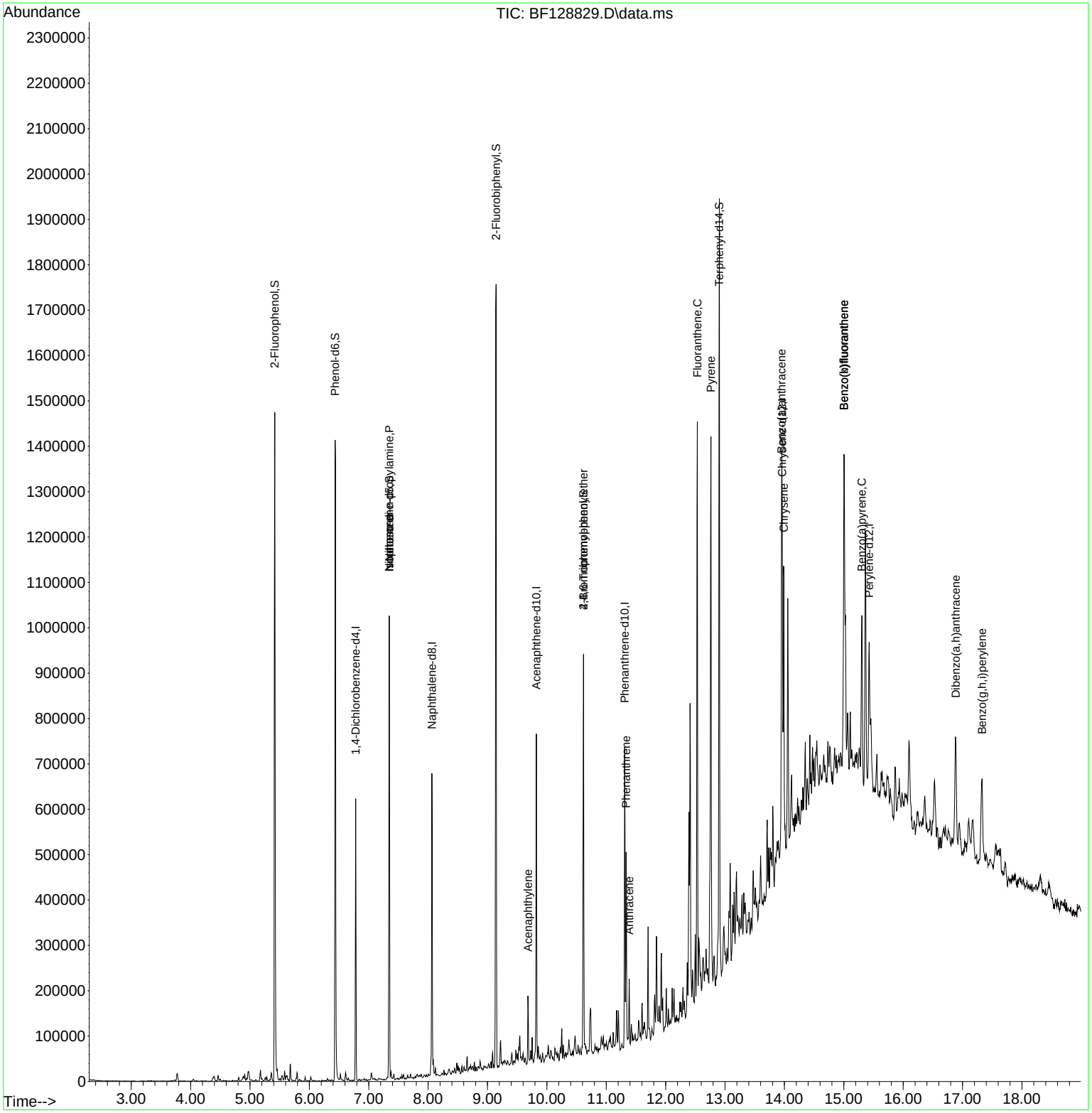
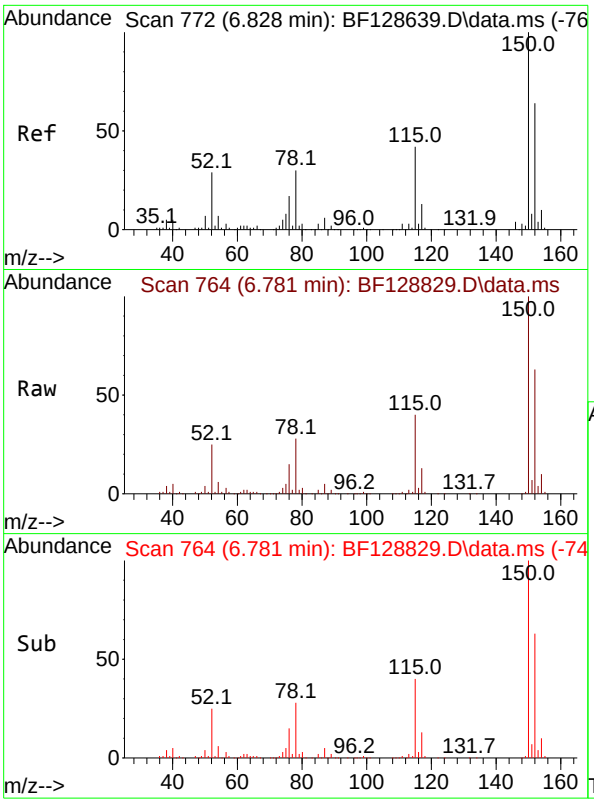


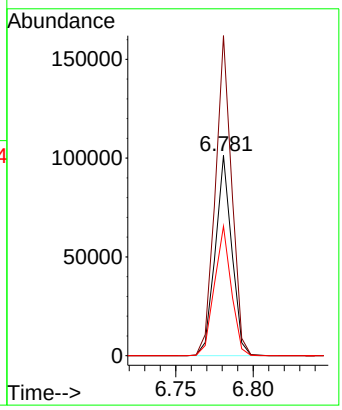


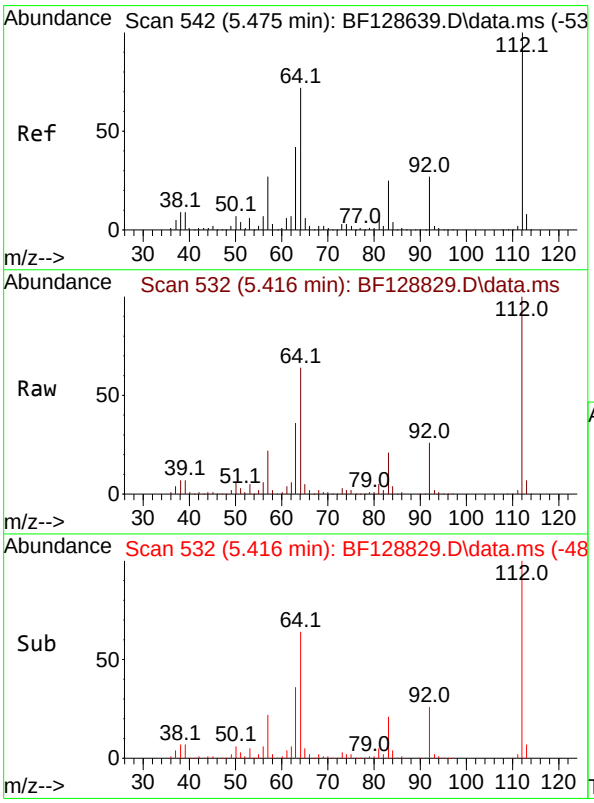
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

Tgt Ion:152 Resp: 75308

Ion	Ratio	Lower	Upper
152	100		
150	159.9	123.7	185.5
115	64.7	49.9	74.9

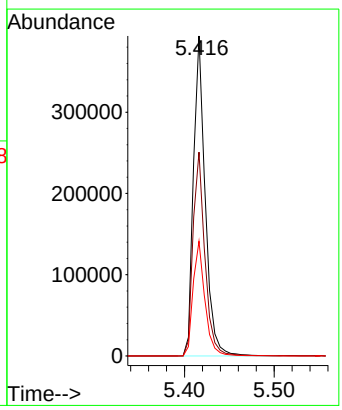


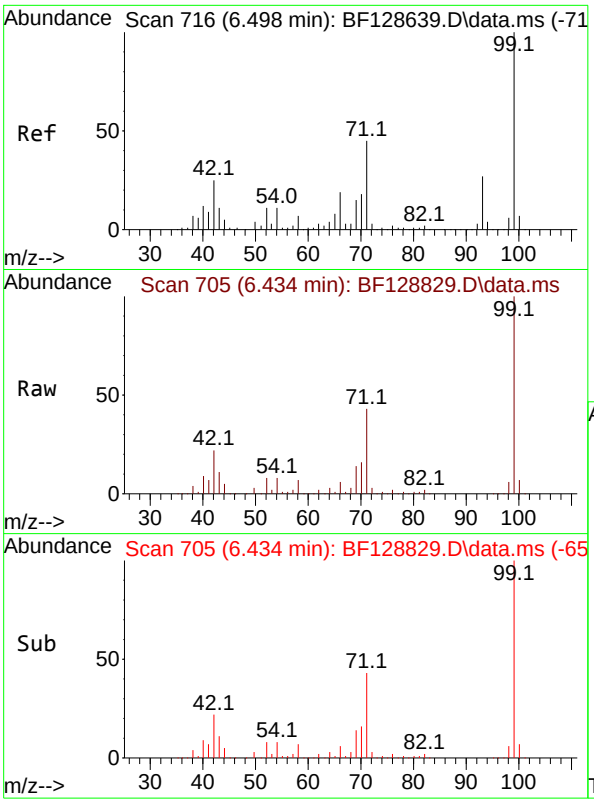


#5
2-Fluorophenol
Concen: 75.698 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.000 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Tgt Ion:112 Resp: 357896

Ion	Ratio	Lower	Upper
112	100		
64	63.7	53.3	79.9
63	35.8	28.0	42.0



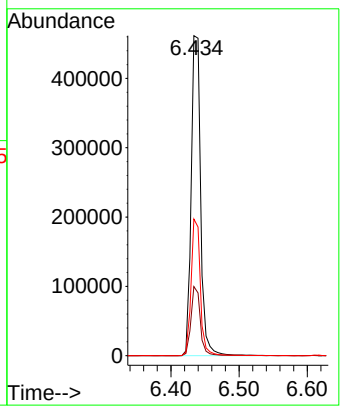


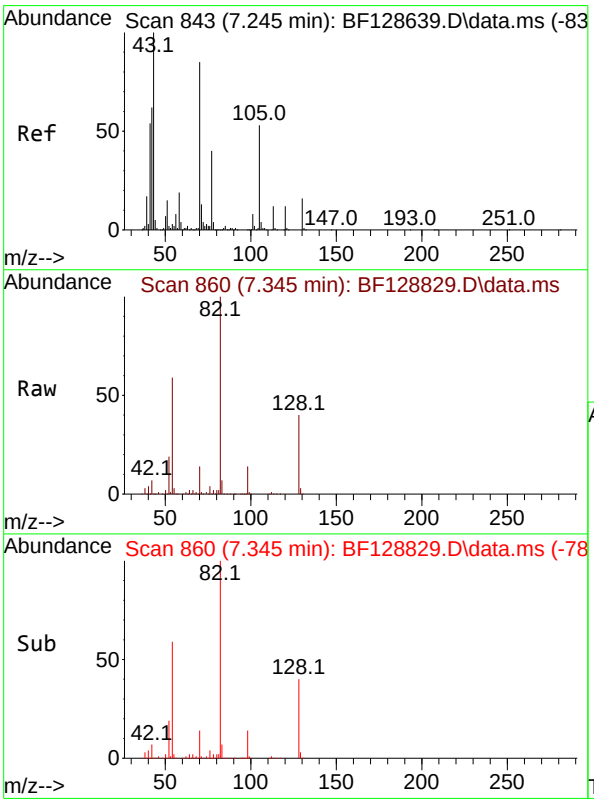
#7
Phenol-d6
Concen: 76.342 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

Tgt Ion: 99 Resp: 440590

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.3	25.9
71	42.7	28.9	43.3

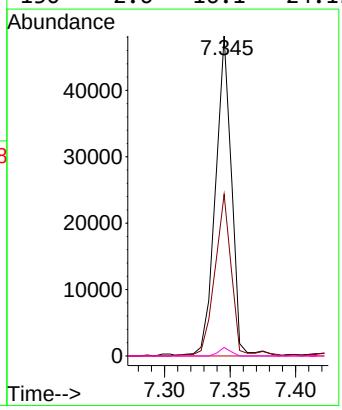


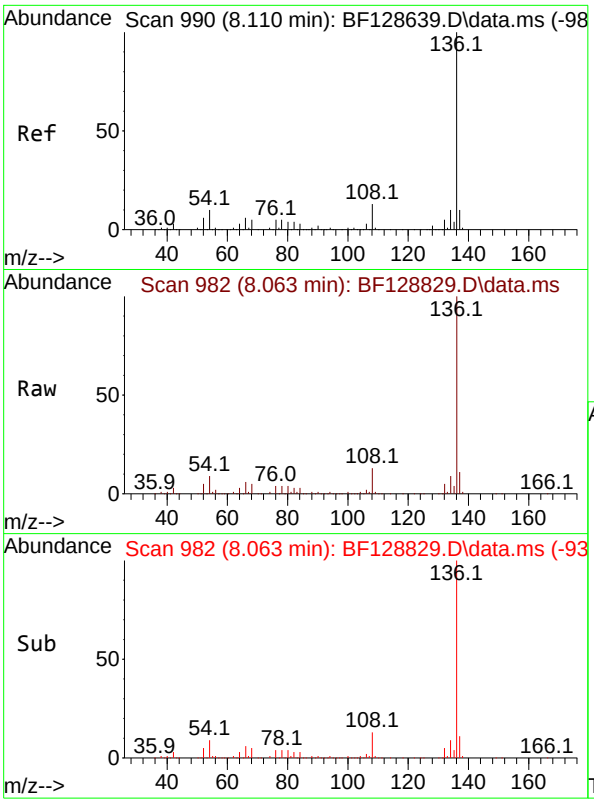


#19
n-Nitroso-di-n-propylamine
Concen: 11.429 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Tgt Ion: 70 Resp: 41011

Ion	Ratio	Lower	Upper
70	100		
42	50.5	52.3	78.5#
101	0.0	7.5	11.3#
130	2.6	16.1	24.1#



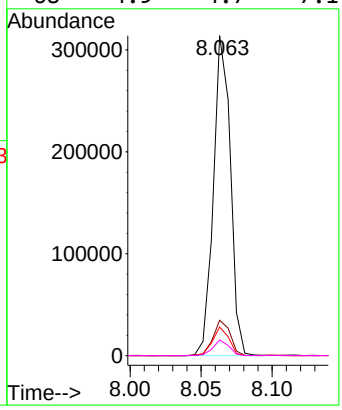


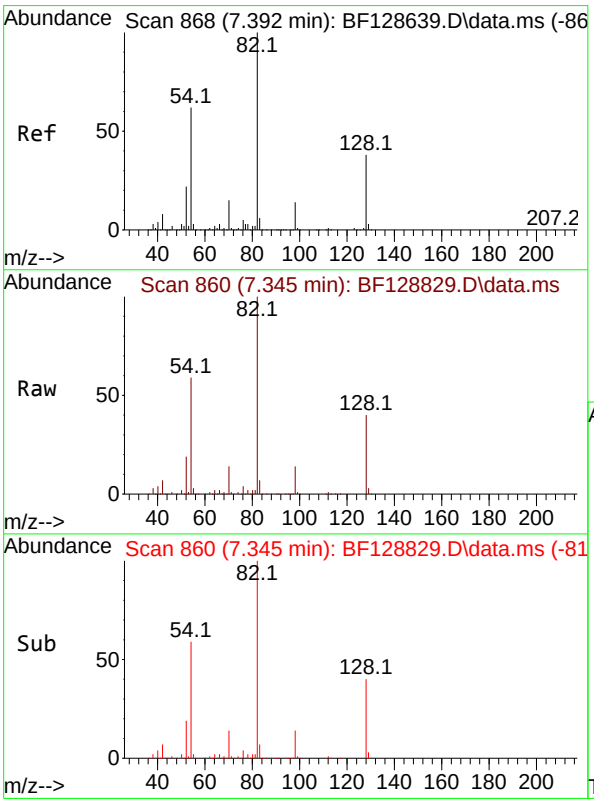
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

Tgt Ion:136 Resp: 261020

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.0	7.5	11.3
68	4.9	4.7	7.1

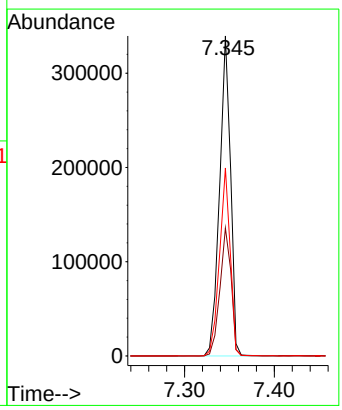


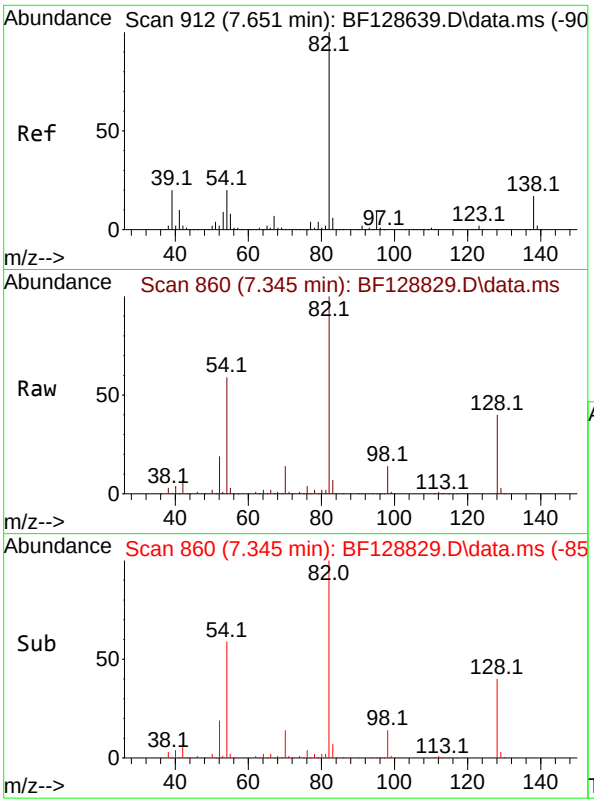


#23
Nitrobenzene-d5
Concen: 51.435 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Tgt Ion: 82 Resp: 288358

Ion	Ratio	Lower	Upper
82	100		
128	40.0	34.0	51.0
54	58.7	46.9	70.3



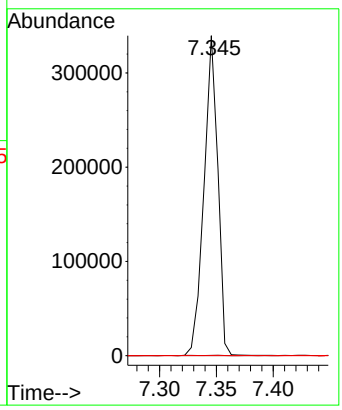


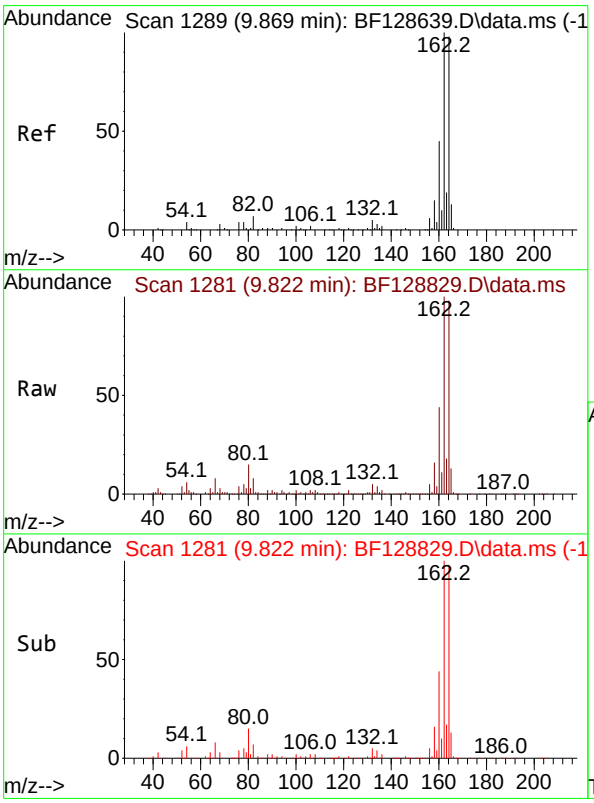
#25
Isophorone
Concen: 33.851 ng
RT: 7.345 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

Tgt Ion: 82 Resp: 288234

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

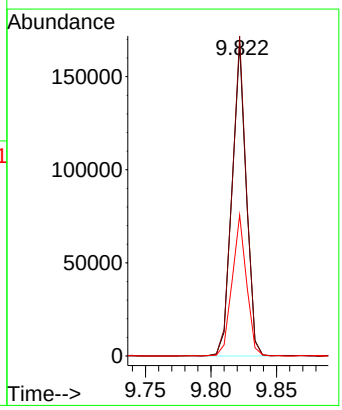


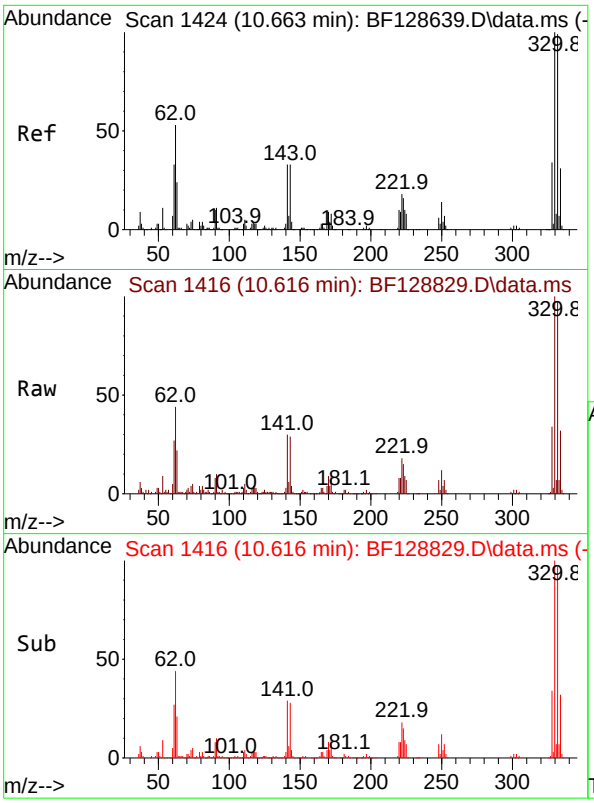


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Tgt Ion:164 Resp: 126777

Ion	Ratio	Lower	Upper
164	100		
162	102.4	79.5	119.3
160	45.1	34.2	51.4



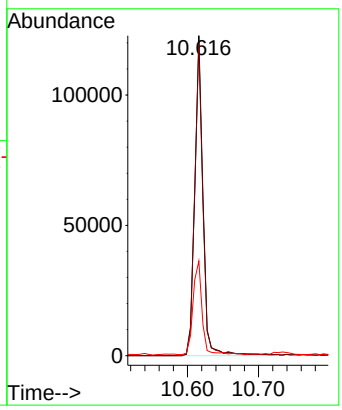


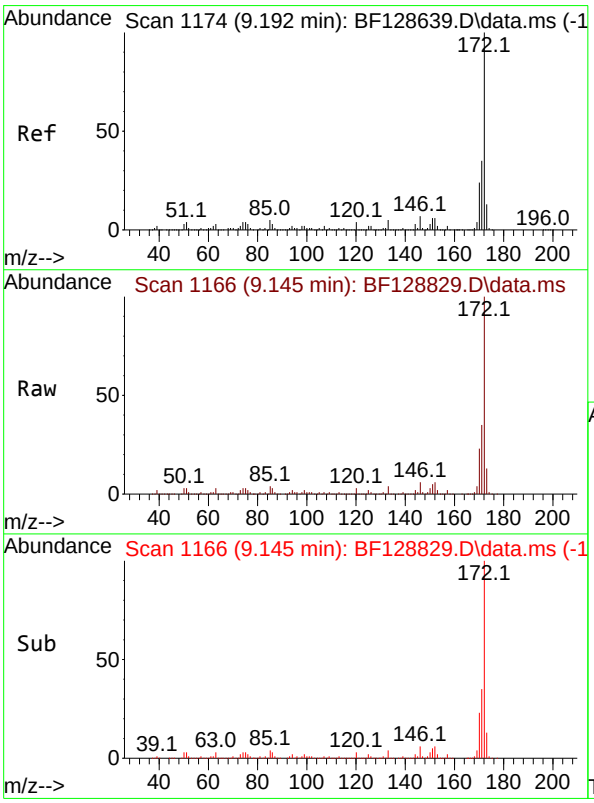
#42
2,4,6-Tribromophenol
Concen: 66.685 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

Tgt Ion:330 Resp: 99889

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.8	115.2
141	31.9	28.0	42.0

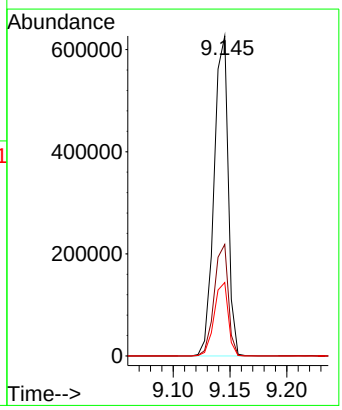


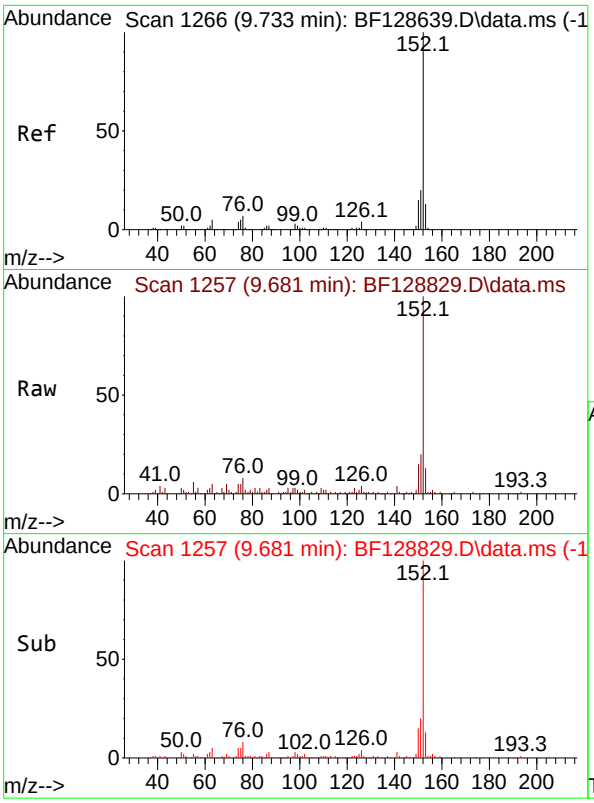


#45
2-Fluorobiphenyl
Concen: 59.821 ng
RT: 9.145 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Tgt Ion:172 Resp: 541400

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.8	43.2
170	22.9	19.8	29.8



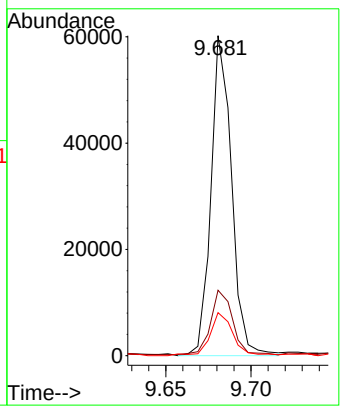


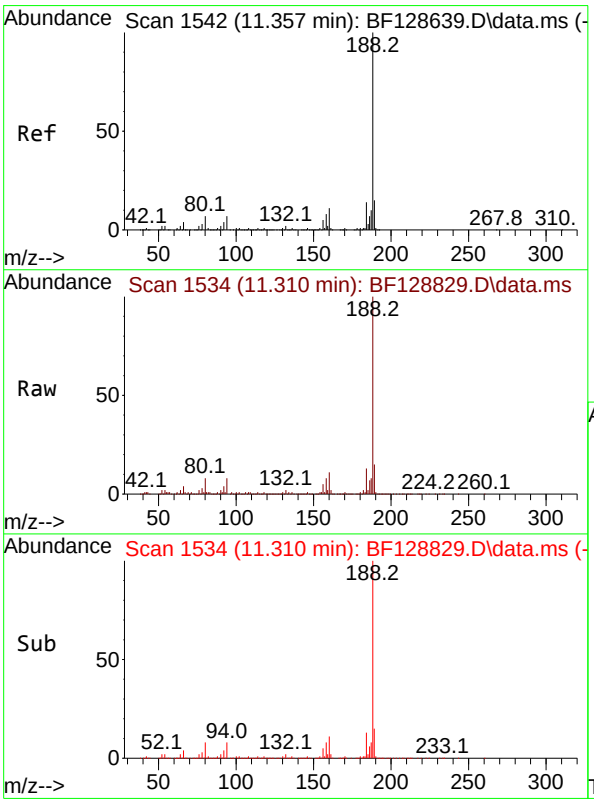
#49
Acenaphthylene
Concen: 4.555 ng
RT: 9.681 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

Tgt Ion:152 Resp: 50614

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.4	10.7	16.1

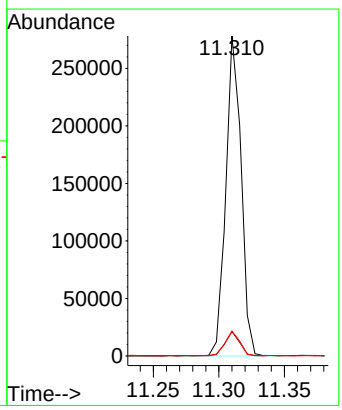


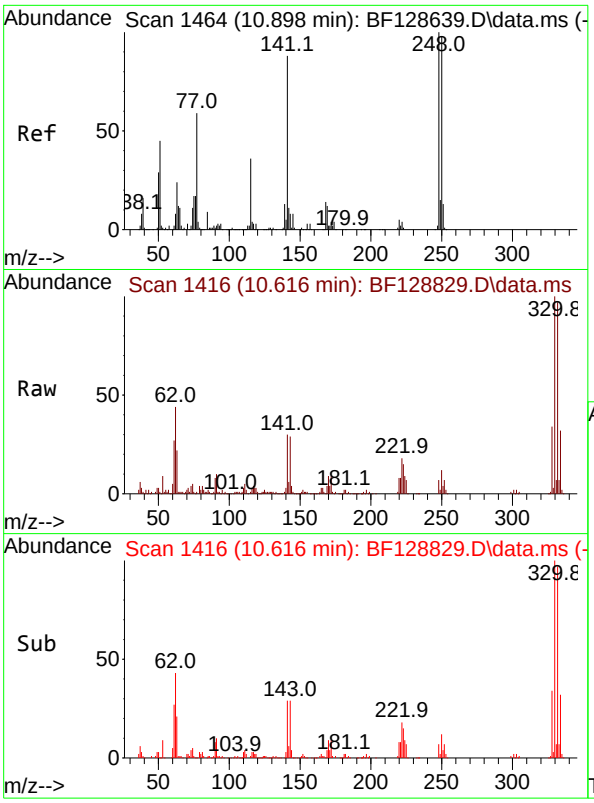


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Tgt Ion:188 Resp: 225420

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.0	10.6
80	7.8	7.6	11.4



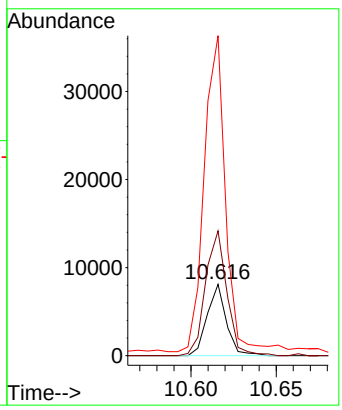


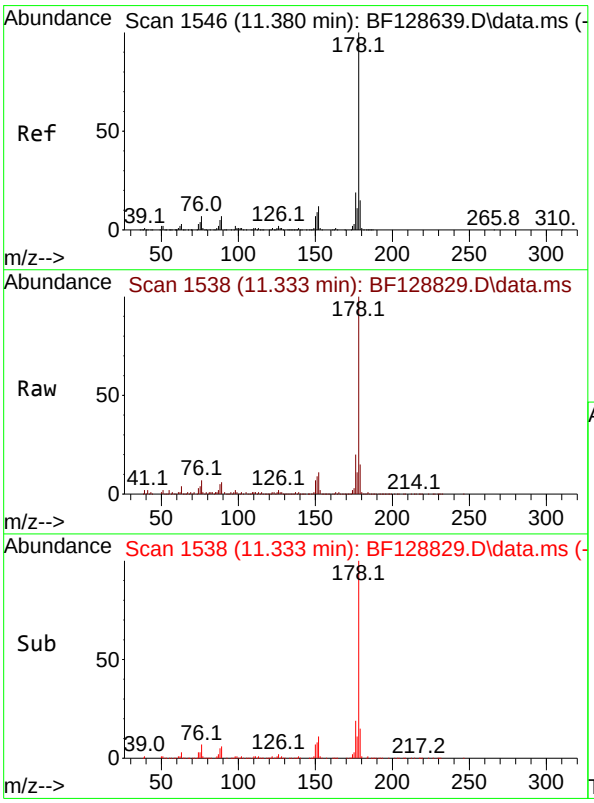
#67
4-Bromophenyl-phenylether
Concen: 2.527 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

Tgt Ion:248 Resp: 6352

Ion	Ratio	Lower	Upper
248	100		
250	174.7	80.6	120.8#
141	448.0	58.9	88.3#

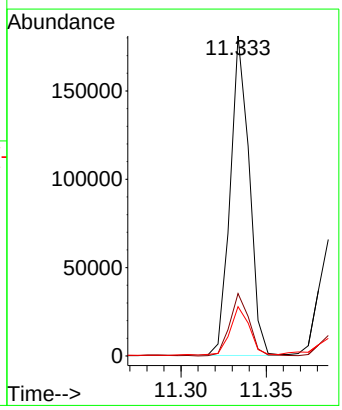


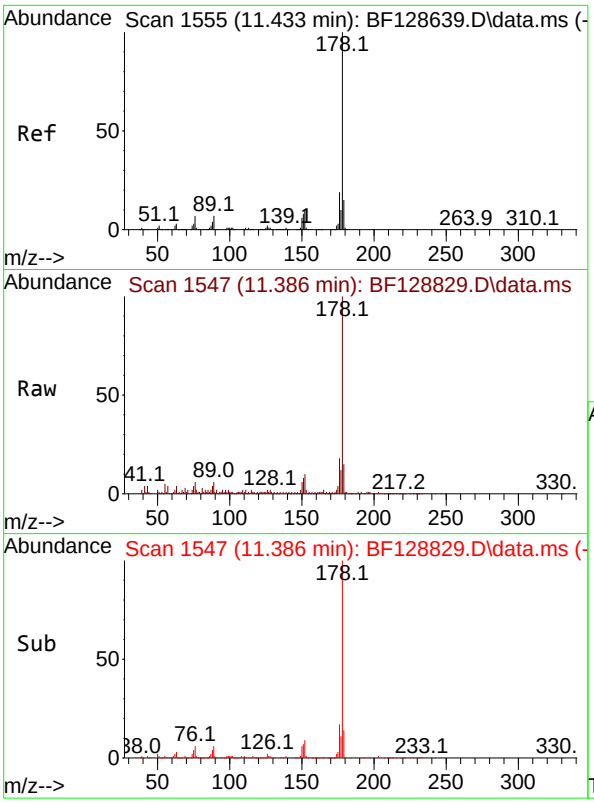


#71
Phenanthrene
Concen: 12.396 ng
RT: 11.333 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Tgt Ion:178 Resp: 140155

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	15.4	12.6	19.0



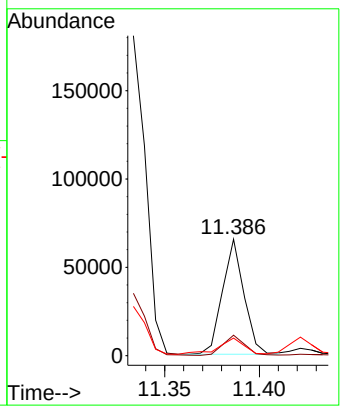


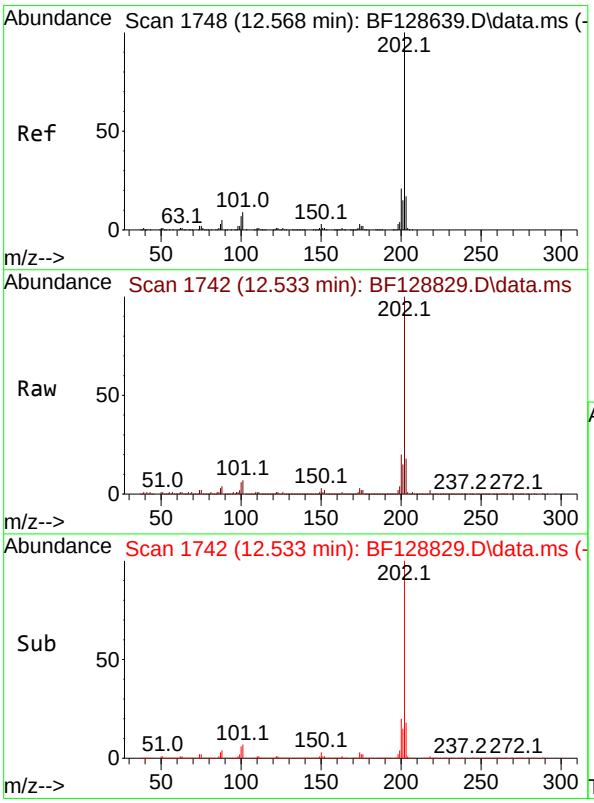
#72
Anthracene
Concen: 4.602 ng
RT: 11.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

Tgt Ion:178 Resp: 51502

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.4	23.2
179	15.1	12.6	19.0

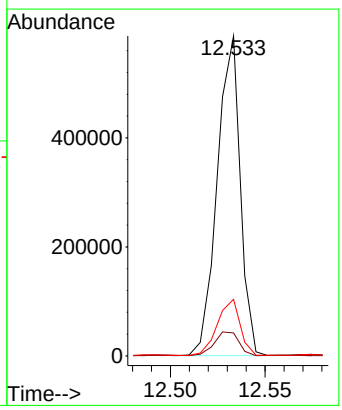


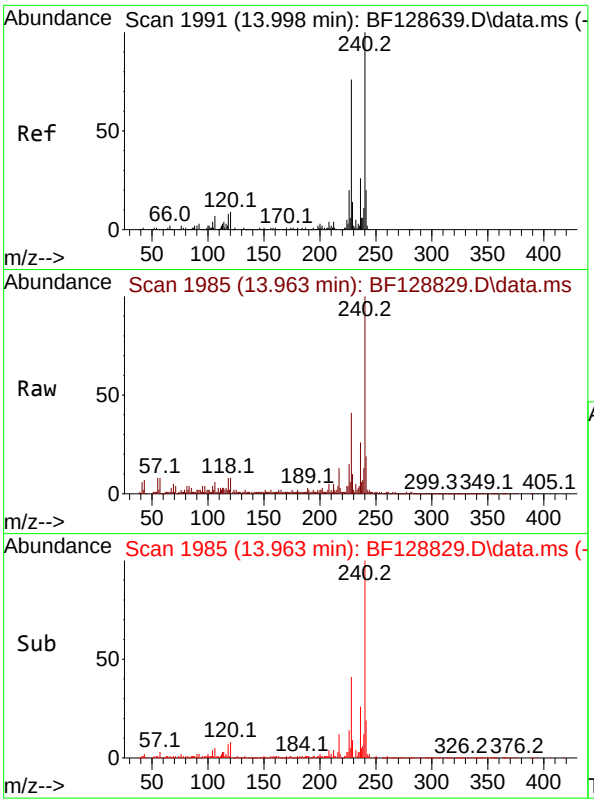


#75
Fluoranthene
Concen: 42.013 ng
RT: 12.533 min Scan# 1742
Delta R.T. 0.006 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Tgt Ion:202 Resp: 496536

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	31.4
203	17.7	0.0	38.0



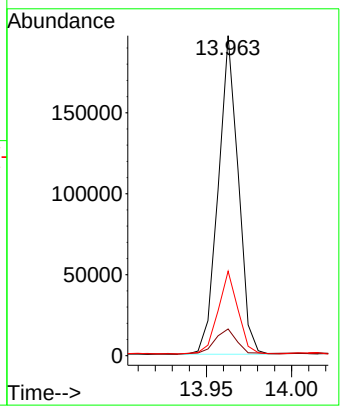


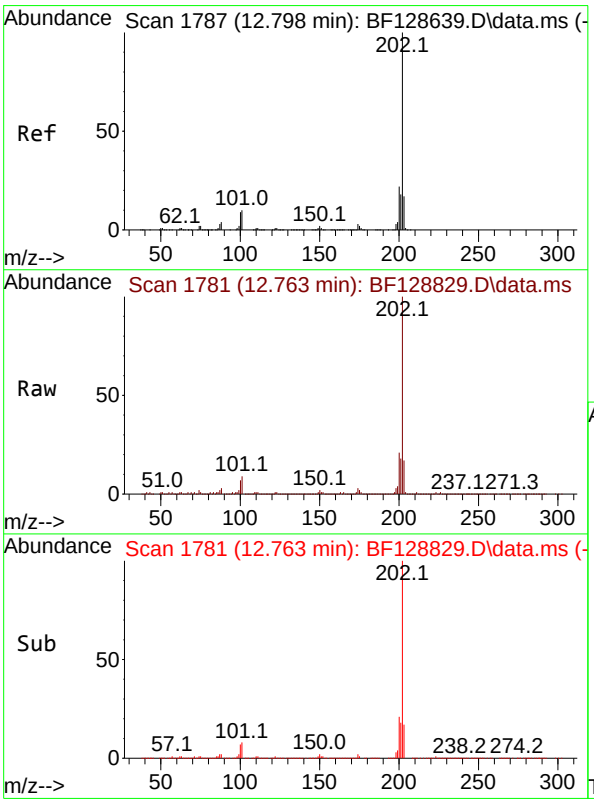
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

Tgt Ion:240 Resp: 160791

Ion	Ratio	Lower	Upper
240	100		
120	8.3	8.9	13.3#
236	26.4	20.8	31.2

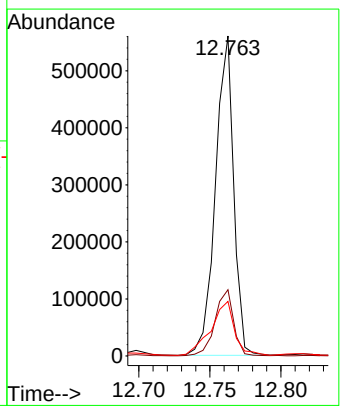


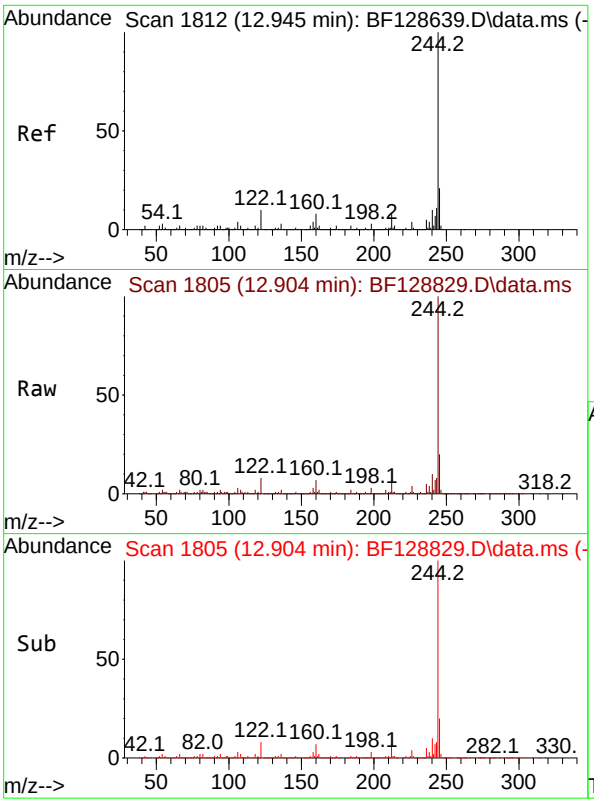


#78
Pyrene
Concen: 41.776 ng
RT: 12.763 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Tgt Ion:202 Resp: 499762

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.7	26.5
203	17.1	14.6	21.8



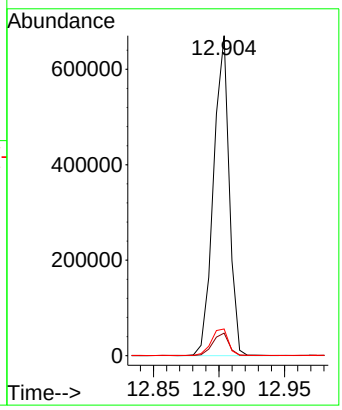


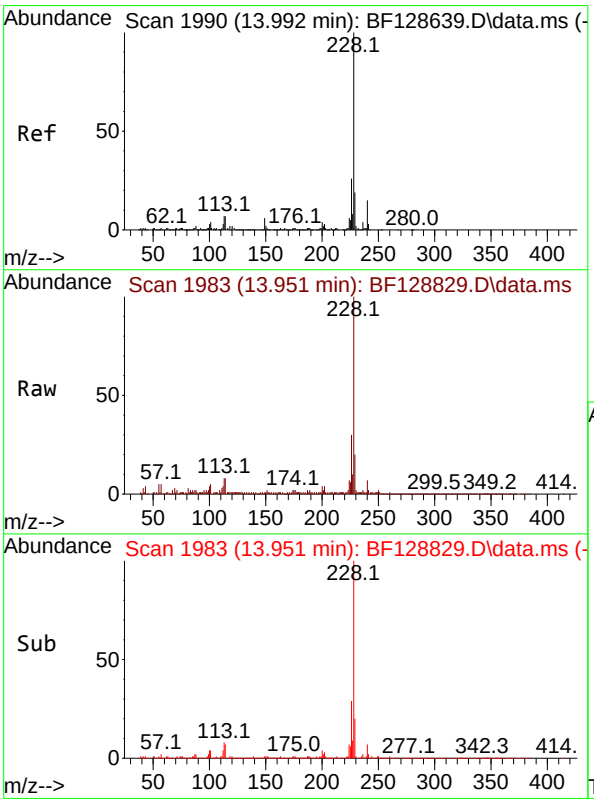
#79
Terphenyl-d14
Concen: 60.146 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

Tgt Ion:244 Resp: 556561

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	8.3	8.8	13.2#

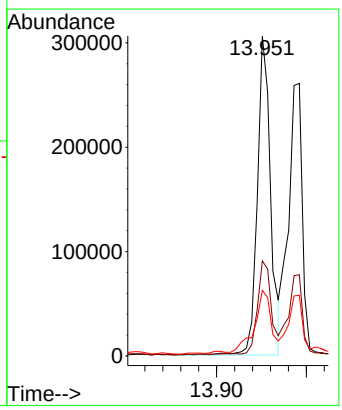


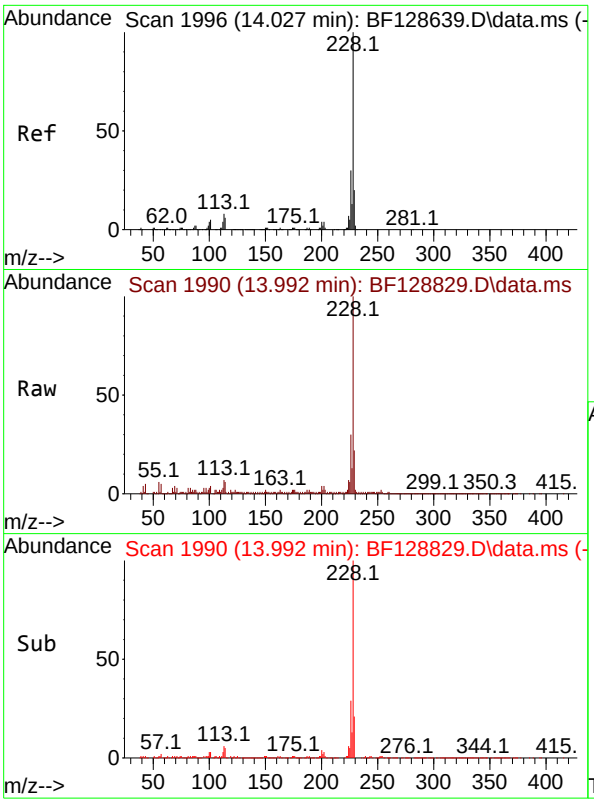


#81
Benzo(a)anthracene
Concen: 31.239 ng
RT: 13.951 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Tgt Ion:228 Resp: 313099

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.1	33.1
229	20.5	15.8	23.8



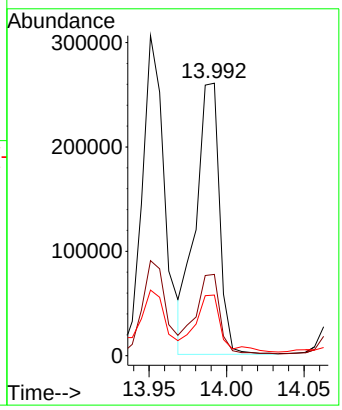


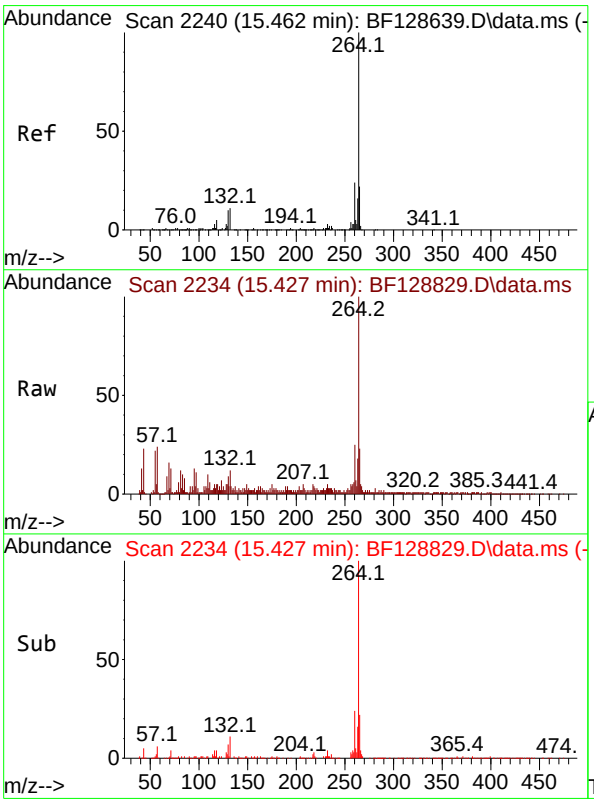
#83
Chrysene
Concen: 29.371 ng
RT: 13.992 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

Tgt Ion:228 Resp: 280652

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	22.3	15.9	23.9

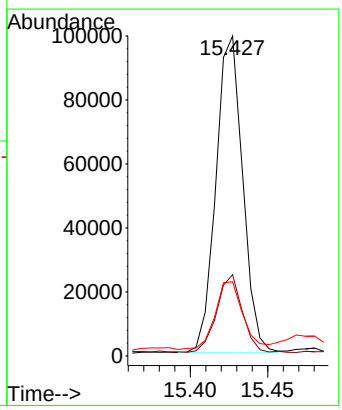


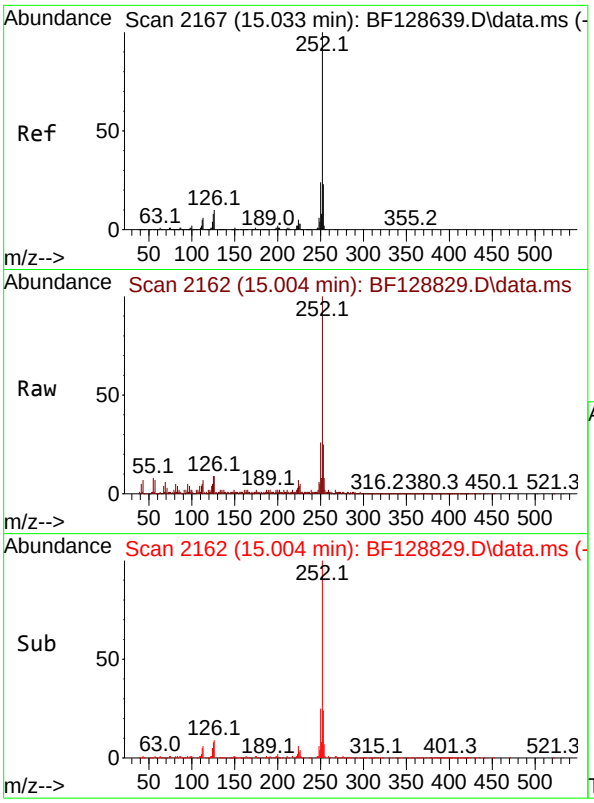


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2234
Delta R.T. 0.012 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Tgt Ion:264 Resp: 119002

Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.4	27.6
265	23.2	17.2	25.8



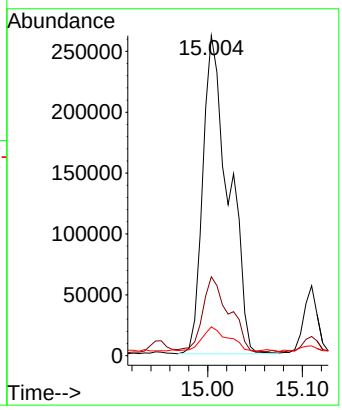


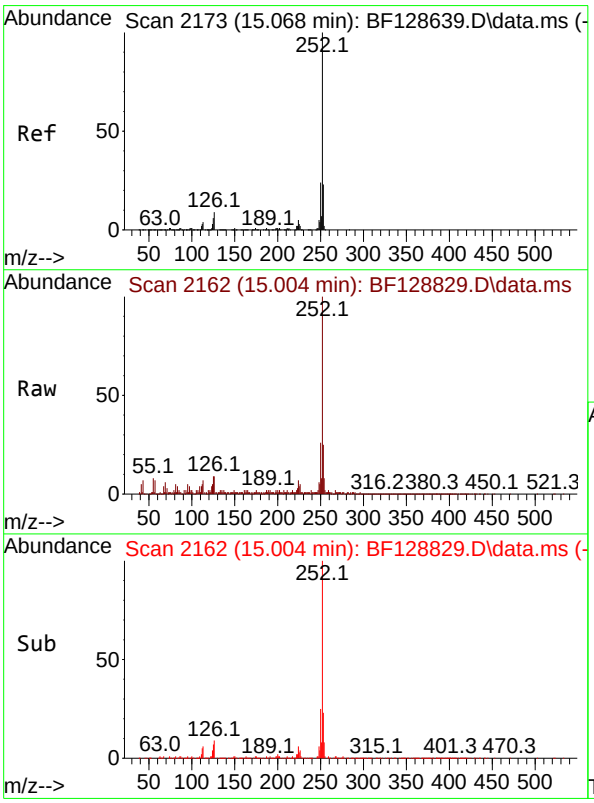
#88
Benzo(b)fluoranthene
Concen: 65.158 ng
RT: 15.004 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

Tgt Ion:252 Resp: 495466

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.7	26.5
125	9.0	8.0	12.0

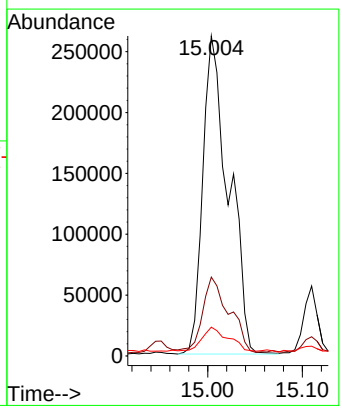


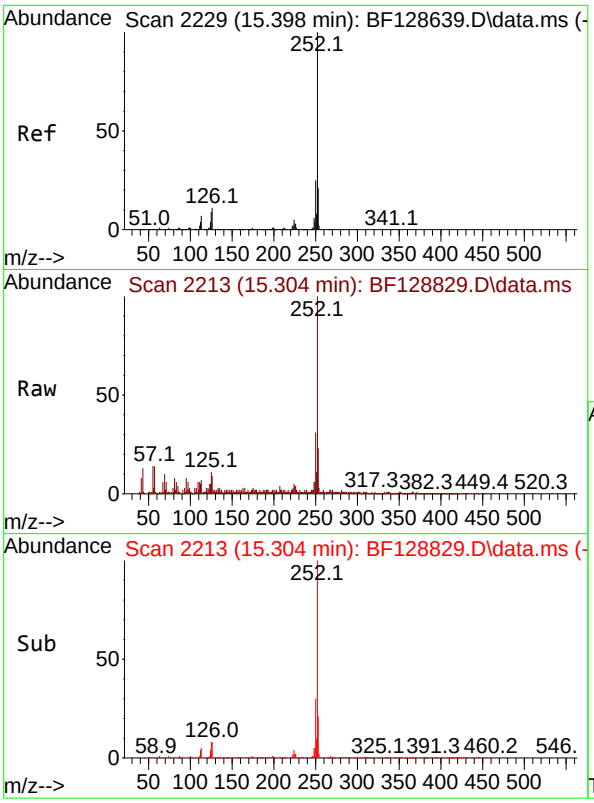


#89
Benzo(k)fluoranthene
Concen: 69.266 ng
RT: 15.004 min Scan# 2162
Delta R.T. -0.023 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Tgt Ion:252 Resp: 495466

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.6
125	9.0	8.3	12.5



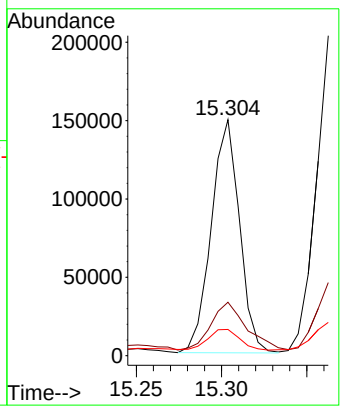


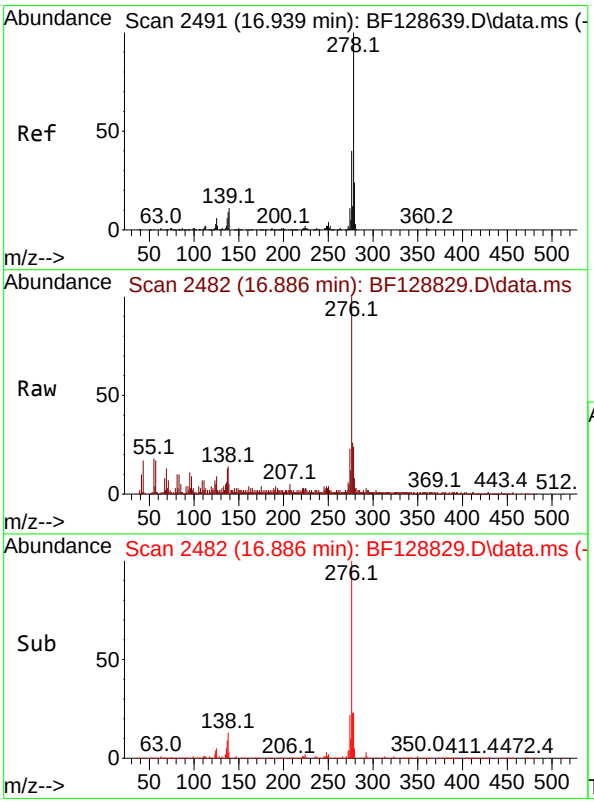
#90
Benzo(a)pyrene
Concen: 28.686 ng
RT: 15.304 min Scan# 2
Delta R.T. -0.053 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

Tgt Ion:252 Resp: 171440

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	11.1	8.8	13.2

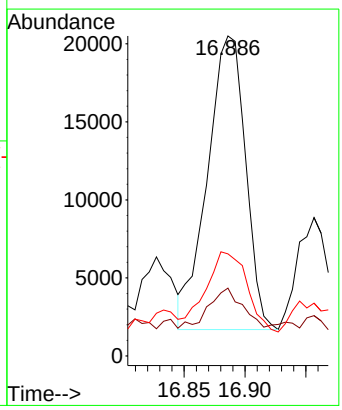


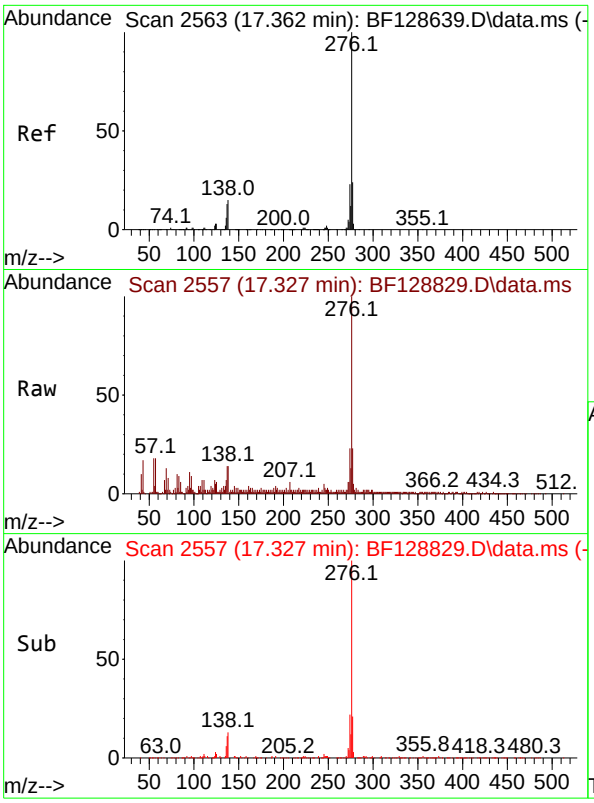


#91
Dibenzo(a,h)anthracene
Concen: 6.887 ng
RT: 16.886 min Scan# 2482
Delta R.T. 0.012 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Tgt Ion:278 Resp: 40976

Ion	Ratio	Lower	Upper
278	100		
139	21.2	12.8	19.2#
279	31.9	18.6	28.0#





#92
Benzo(g,h,i)perylene
Concen: 27.398 ng
RT: 17.327 min Scan# 2
Delta R.T. 0.029 min
Lab File: BF128829.D
Acq: 15 Jun 2022 16:52

Instrument :
BNA_F
ClientSampleId :
CL-02-061422

Tgt Ion:276 Resp: 161550

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.1	28.7
138	13.6	18.0	27.0#