Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
Data File : BF128846.D
Acq On : 16 Jun 2022 18:31
Operator : CG\JU
Sample : N3353-01DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061422DL

Quant Time: Jun 17 02:24:07 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	98293	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	345450	20.000	ng	#	0.00
39) Acenaphthene-d10	9.822	164	147403	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	257577	20.000	ng		0.00
76) Chrysene-d12	13.963	240	150089	20.000	ng	#	0.00
86) Perylene-d12	15.421	264	114024	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	230279	37.317	ng		0.00
7) Phenol-d6	6.440	99	282823	37.546	ng		0.00
23) Nitrobenzene-d5	7.345	82	185759	25.036	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	54350	31.206	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	350368	33.296	ng		0.00
79) Terphenyl-d14	12.898	244	268759	31.115	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	25435	5.431	ng	#	74
25) Isophorone	7.345	82	184881	16.406	ng	#	65
49) Acenaphthylene	9.686	152	33018	2.556	ng		96
51) 2,6-Dinitrotoluene	9.822	165	20260	10.174	ng	#	25
57) 2,4-Dinitrotoluene	9.822	165	20260	7.624	ng	#	21
71) Phenanthrene	11.333	178	132646	10.267	ng		99
72) Anthracene	11.386	178	48942	3.827	ng		97
75) Fluoranthene	12.533	202	439878	32.572	ng		94
78) Pyrene	12.757	202	414203	37.093	ng		98
81) Benzo(a)anthracene	13.951	228	185408	19.818	ng		96
83) Chrysene	13.986	228	167289	18.756	ng		98
87) Indeno(1,2,3-cd)pyrene	16.709	276	14662	2.133	ng		95
88) Benzo(b)fluoranthene	14.998	252	279842	38.408	ng		98
89) Benzo(k)fluoranthene	15.298	252	99544	14.524	ng		99
90) Benzo(a)pyrene	15.298	252	101876	17.790	ng		99
91) Dibenzo(a,h)anthracene	16.874	278	21075	3.697	ng	#	82
92) Benzo(g,h,i)perylene	17.309	276	78416	13.879	ng	#	90

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

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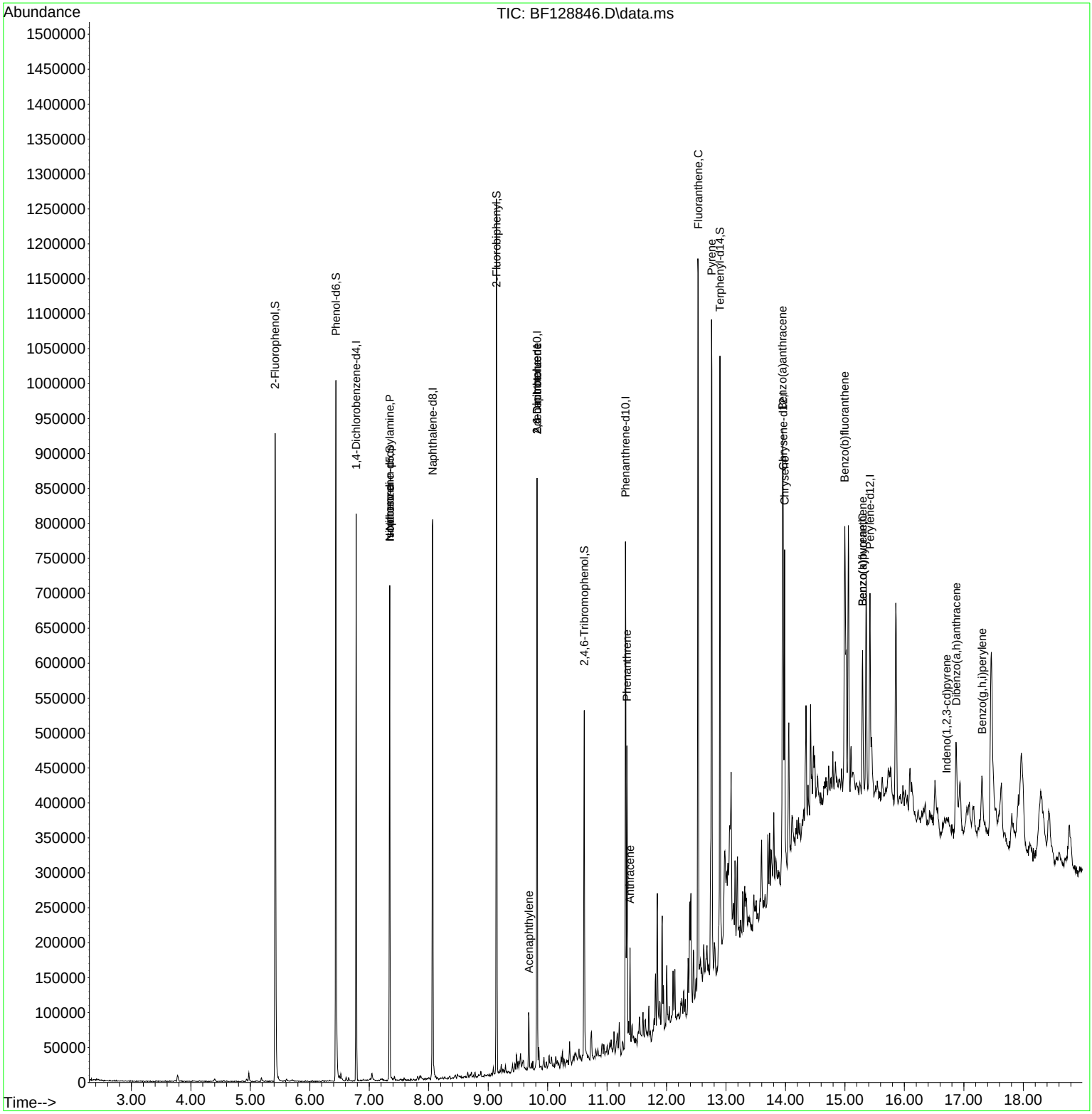
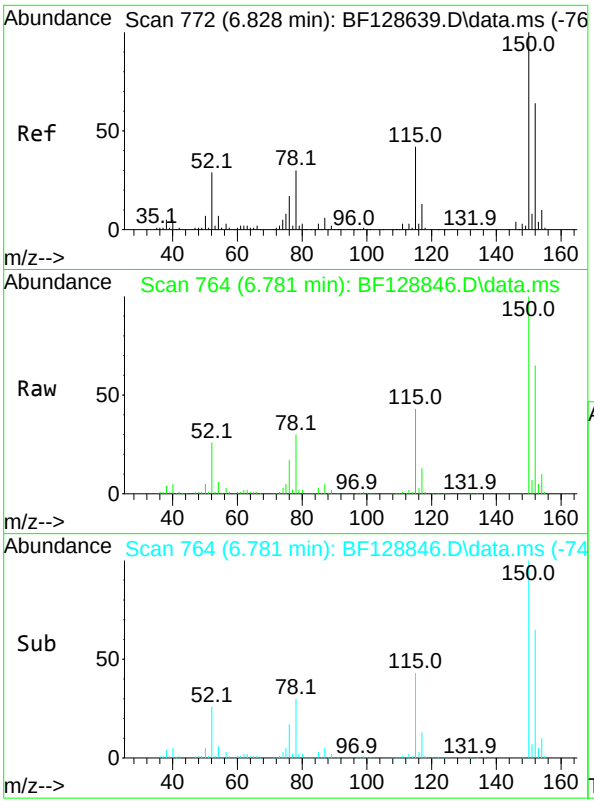


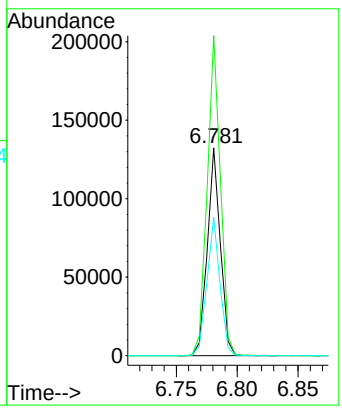


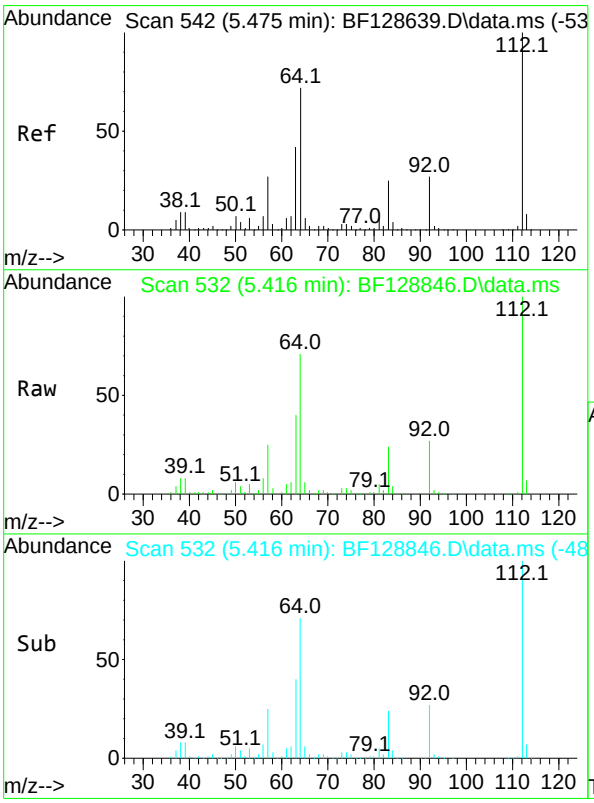
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Instrument :
BNA_F
ClientSampleId :
PL-01-061422DL

Tgt Ion:152 Resp: 98293

Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.7	185.5
115	66.6	49.9	74.9

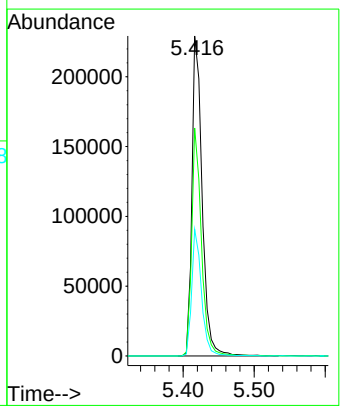


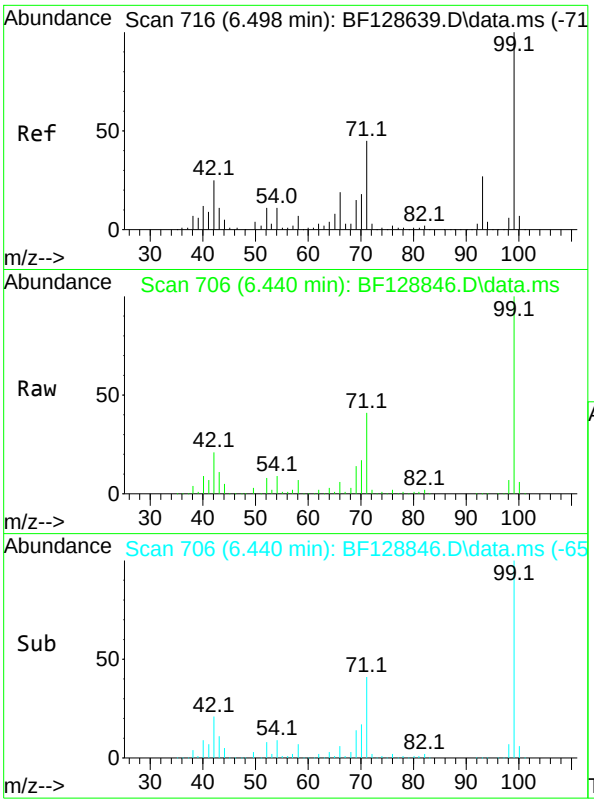


#5
2-Fluorophenol
Concen: 37.317 ng
RT: 5.416 min Scan# 532
Delta R.T. -0.000 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Tgt Ion:112 Resp: 230279

Ion	Ratio	Lower	Upper
112	100		
64	71.3	53.3	79.9
63	39.6	28.0	42.0



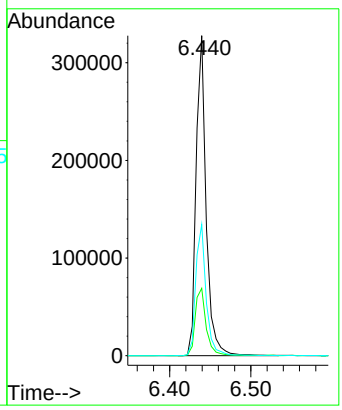


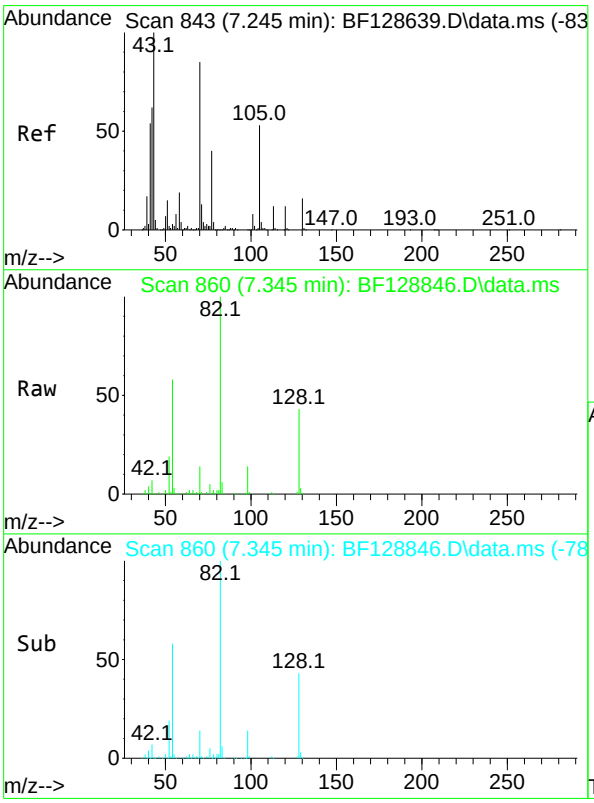
#7
Phenol-d6
Concen: 37.546 ng
RT: 6.440 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Instrument :
BNA_F
ClientSampleId :
PL-01-061422DL

Tgt Ion: 99 Resp: 282823

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.3	25.9
71	41.0	28.9	43.3

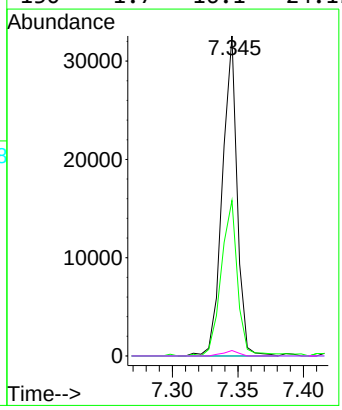


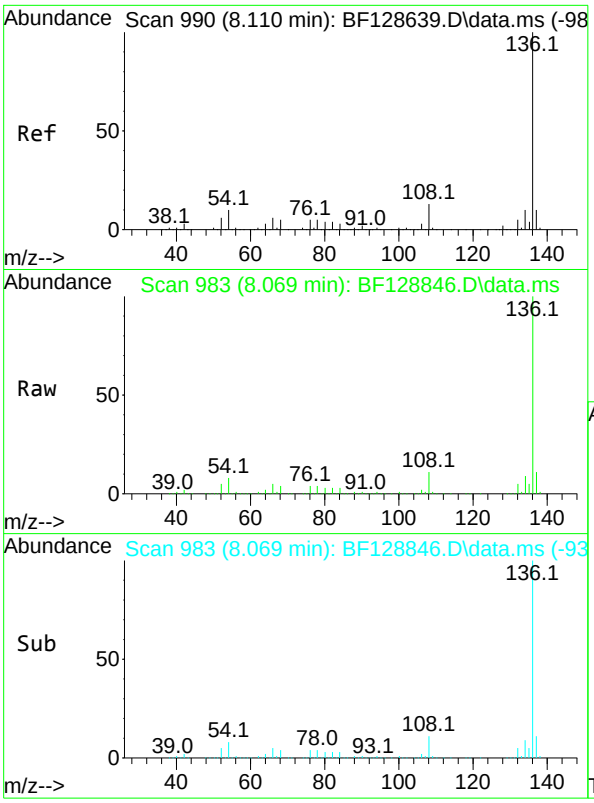


#19
n-Nitroso-di-n-propylamine
Concen: 5.431 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Tgt Ion: 70 Resp: 25435

Ion	Ratio	Lower	Upper
70	100		
42	48.6	52.3	78.5#
101	0.0	7.5	11.3#
130	1.7	16.1	24.1#



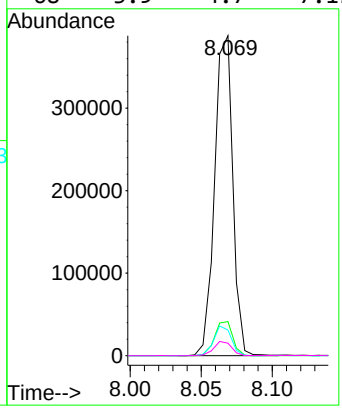


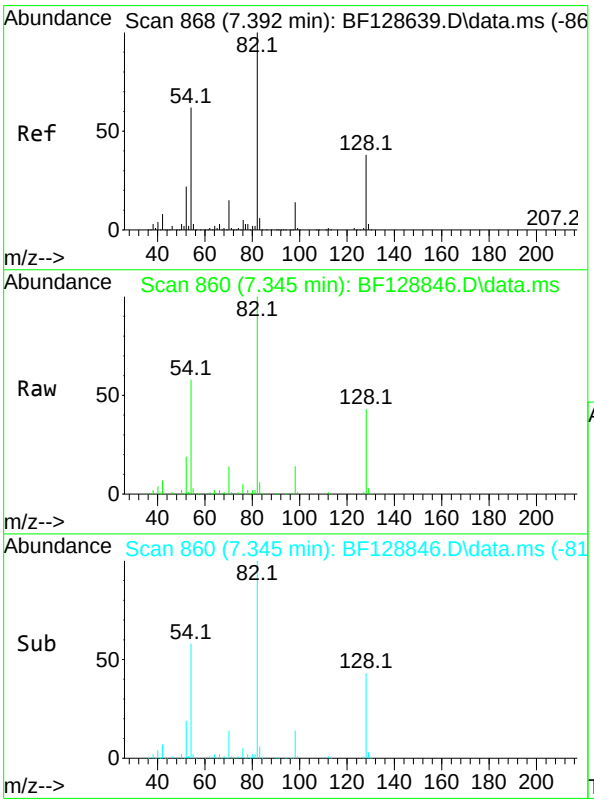
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Instrument :
BNA_F
ClientSampleId :
PL-01-061422DL

Tgt Ion:136 Resp: 345450

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.0	7.5	11.3
68	3.9	4.7	7.1#

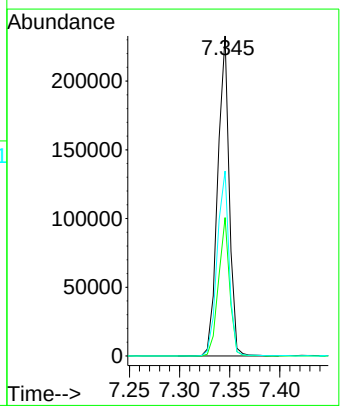


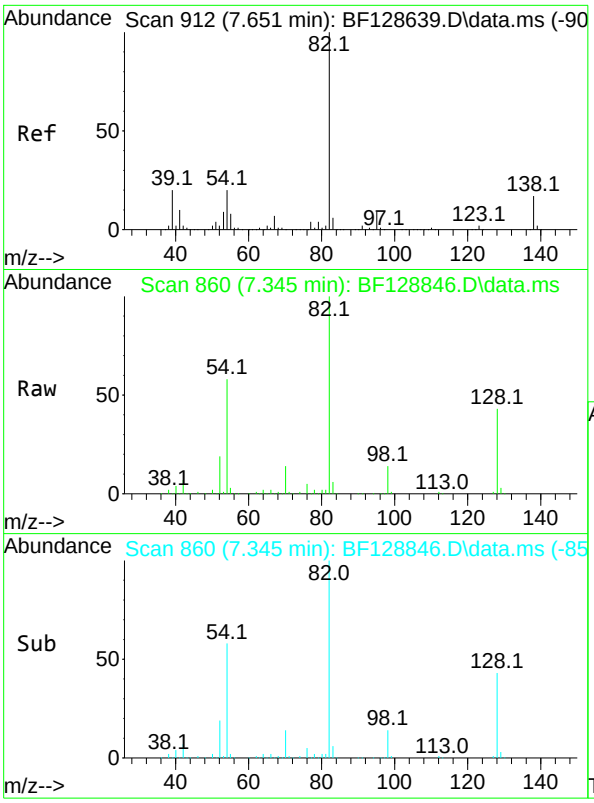


#23
Nitrobenzene-d5
Concen: 25.036 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Tgt Ion: 82 Resp: 185759

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.0	51.0
54	57.8	46.9	70.3



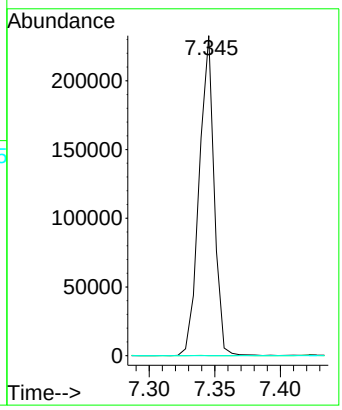


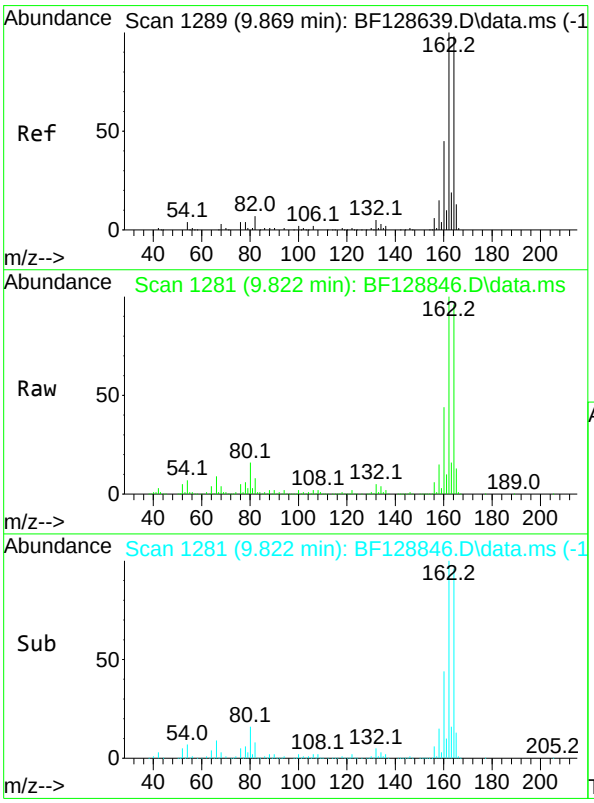
#25
Isophorone
Concen: 16.406 ng
RT: 7.345 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Instrument :
BNA_F
ClientSampleId :
PL-01-061422DL

Tgt Ion: 82 Resp: 184881

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

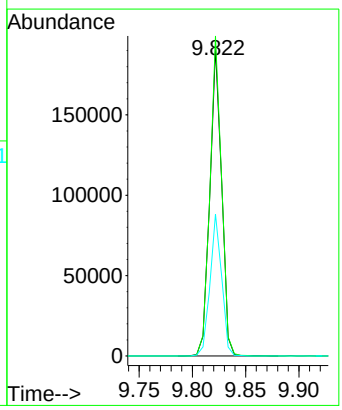


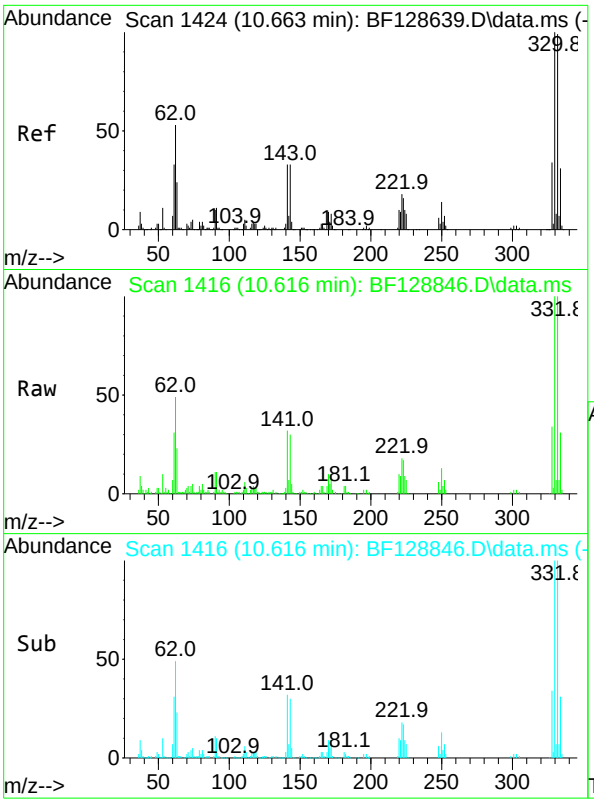


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Tgt Ion:164 Resp: 147403

Ion	Ratio	Lower	Upper
164	100		
162	104.0	79.5	119.3
160	46.1	34.2	51.4



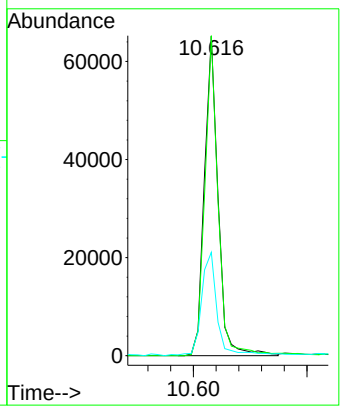


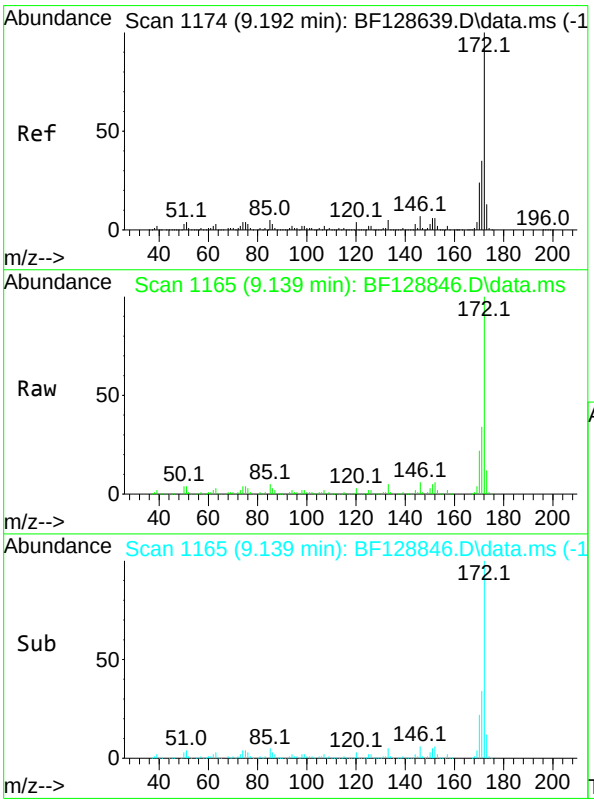
#42
2,4,6-Tribromophenol
Concen: 31.206 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Instrument :
BNA_F
ClientSampleId :
PL-01-061422DL

Tgt Ion:330 Resp: 54350

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.8	115.2
141	38.0	28.0	42.0

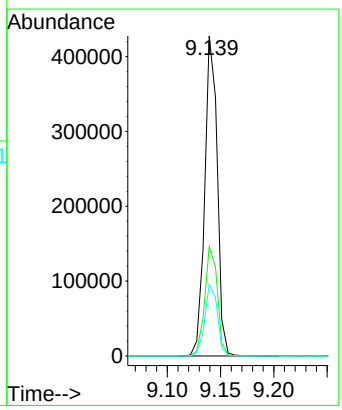


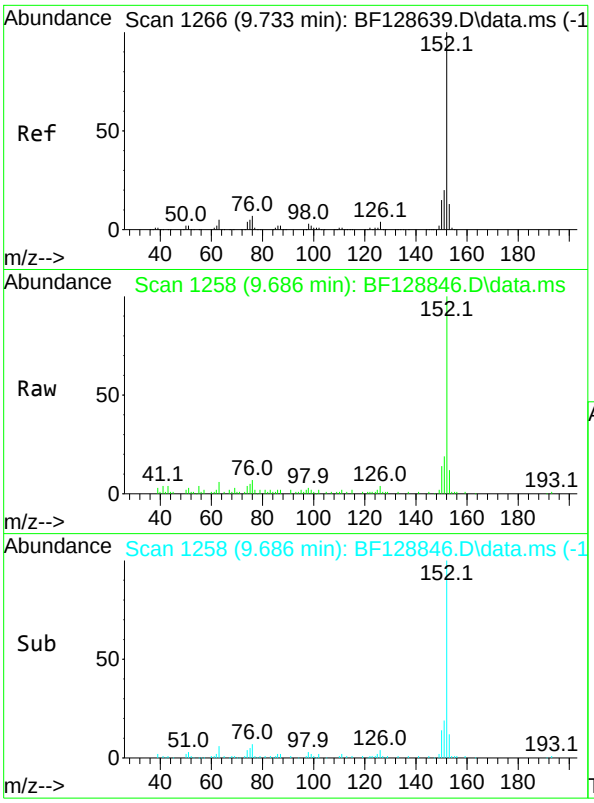


#45
2-Fluorobiphenyl
Concen: 33.296 ng
RT: 9.139 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Tgt Ion:172 Resp: 350368

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.8	43.2
170	22.4	19.8	29.8



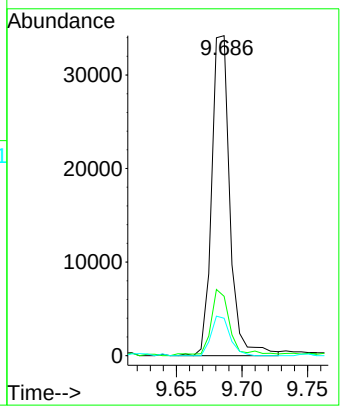


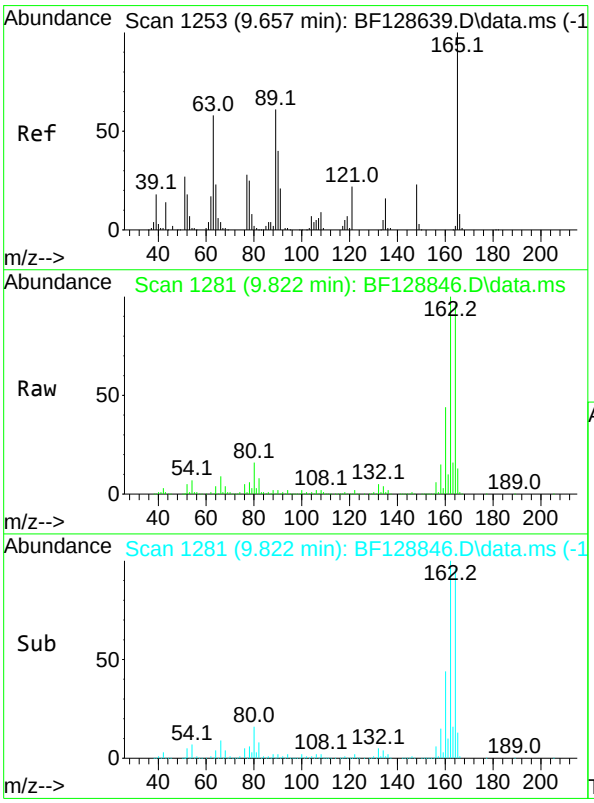
#49
Acenaphthylene
Concen: 2.556 ng
RT: 9.686 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Instrument :
BNA_F
ClientSampleId :
PL-01-061422DL

Tgt Ion:152 Resp: 33018

Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.2	24.4
153	11.7	10.7	16.1

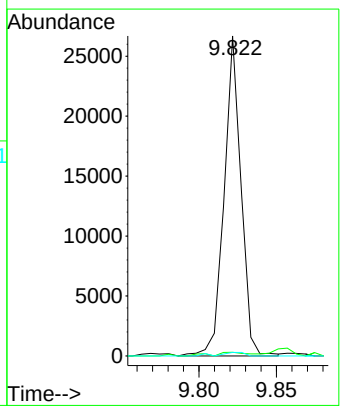


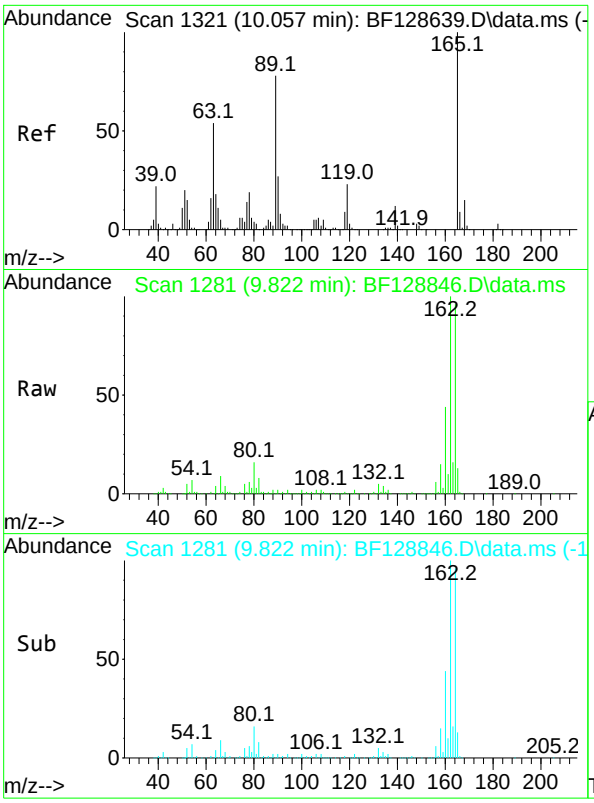


#51
2,6-Dinitrotoluene
Concen: 10.174 ng
RT: 9.822 min Scan# 1281
Delta R.T. 0.206 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Tgt Ion:165 Resp: 20260

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.9	67.3#
89	1.1	43.6	65.4#



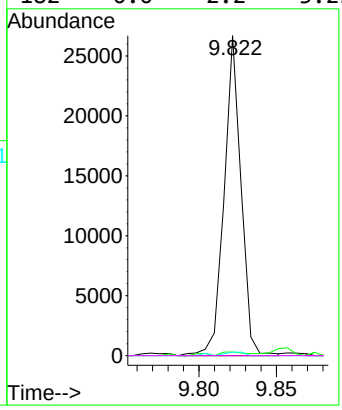


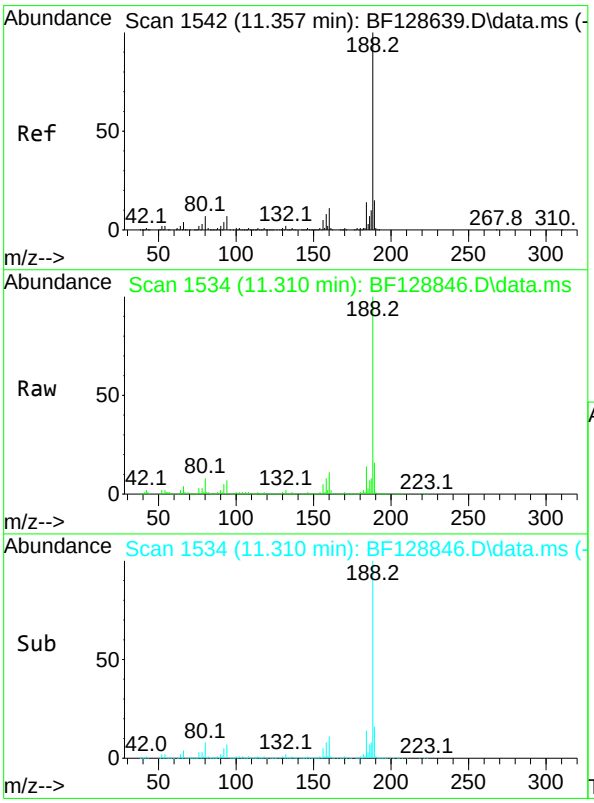
#57
2,4-Dinitrotoluene
Concen: 7.624 ng
RT: 9.822 min Scan# 1
Delta R.T. -0.200 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Instrument :
BNA_F
ClientSampleId :
PL-01-061422DL

Tgt Ion:165 Resp: 20260

Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.8	59.6#
89	1.1	60.2	90.2#
182	0.0	2.2	3.2#

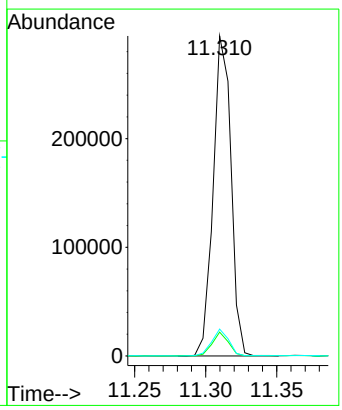


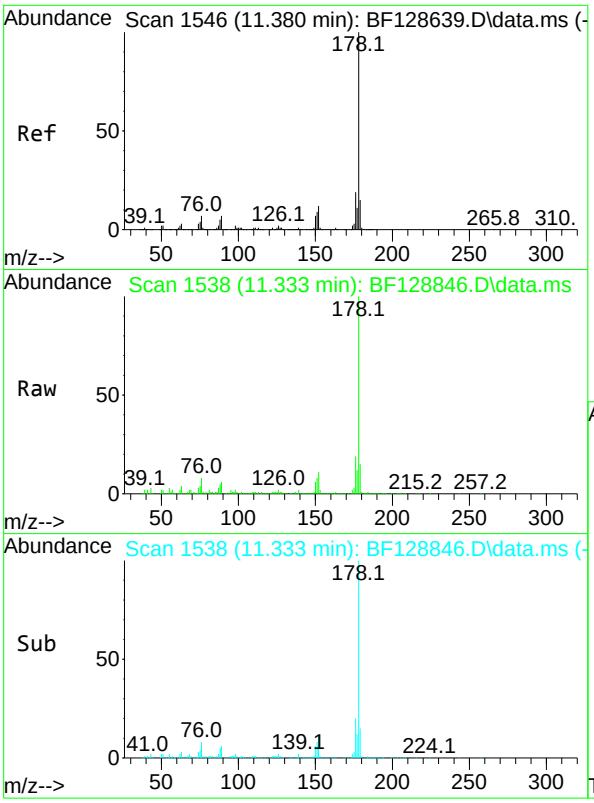


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Tgt Ion:188 Resp: 257577

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.0	10.6
80	8.4	7.6	11.4



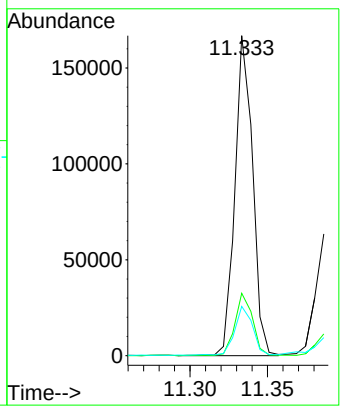


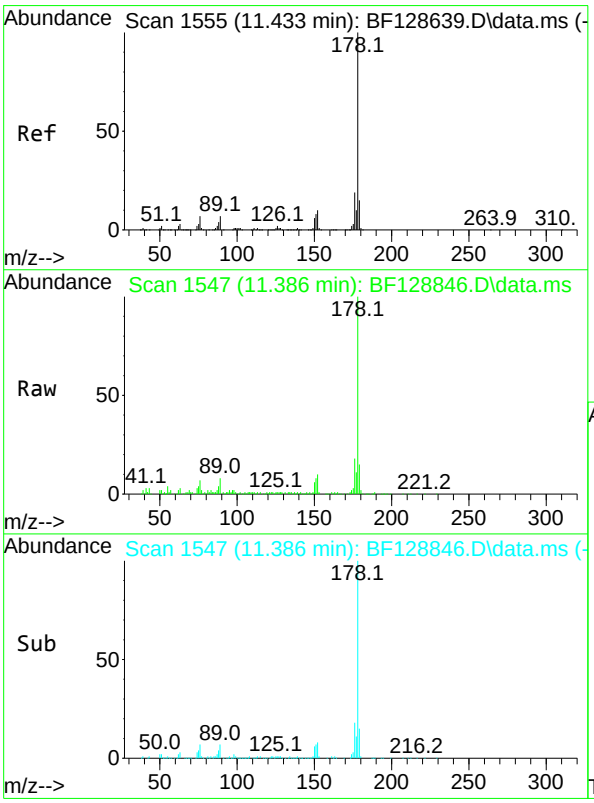
#71
Phenanthrene
Concen: 10.267 ng
RT: 11.333 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Instrument :
BNA_F
ClientSampleId :
PL-01-061422DL

Tgt Ion:178 Resp: 132646

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

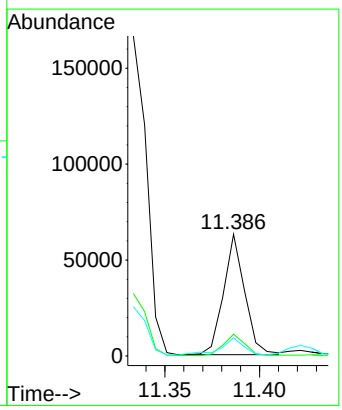


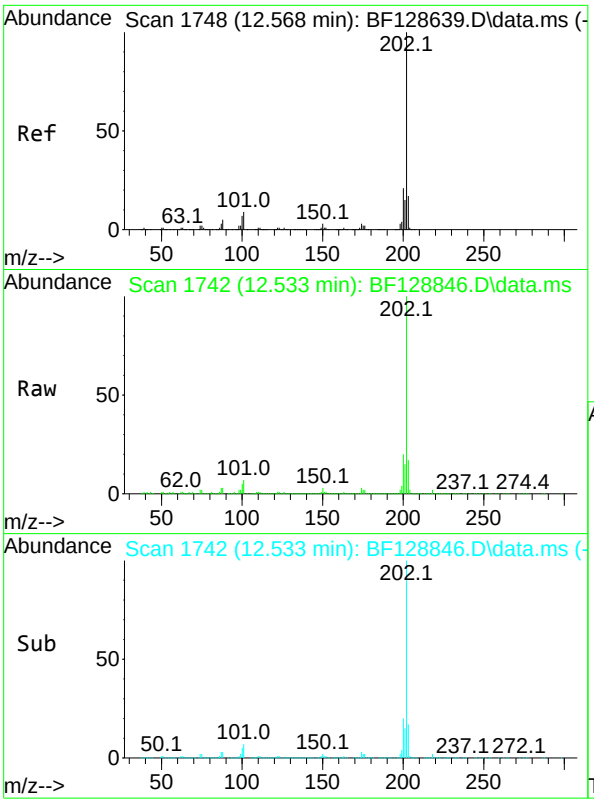


#72
Anthracene
Concen: 3.827 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Tgt Ion:178 Resp: 48942

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	14.9	12.6	19.0



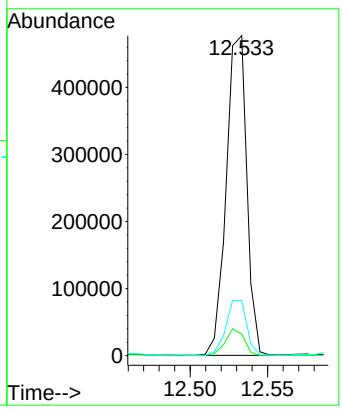


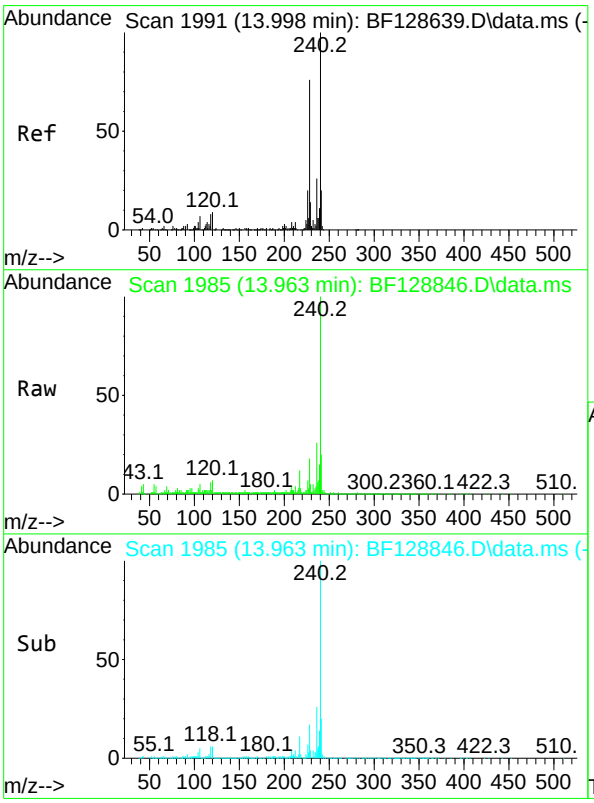
#75
Fluoranthene
Concen: 32.572 ng
RT: 12.533 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Instrument :
BNA_F
ClientSampleId :
PL-01-061422DL

Tgt Ion:202 Resp: 439878

Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	31.4
203	17.3	0.0	38.0

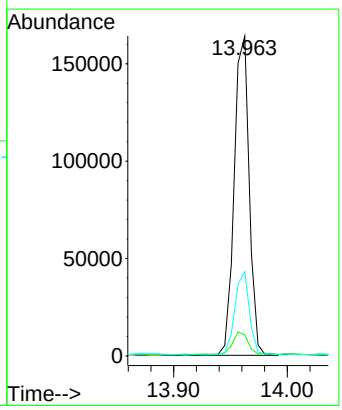


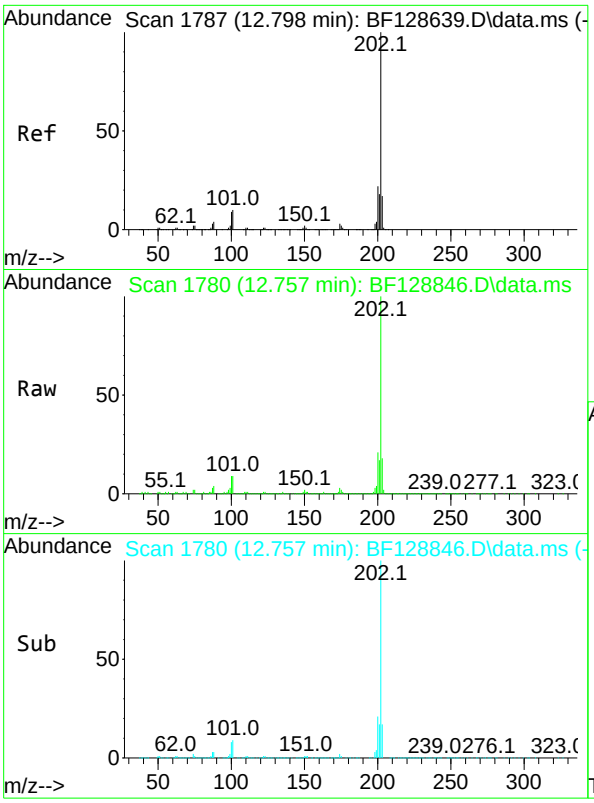


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Tgt Ion:240 Resp: 150089

Ion	Ratio	Lower	Upper
240	100		
120	6.6	8.9	13.3#
236	26.5	20.8	31.2



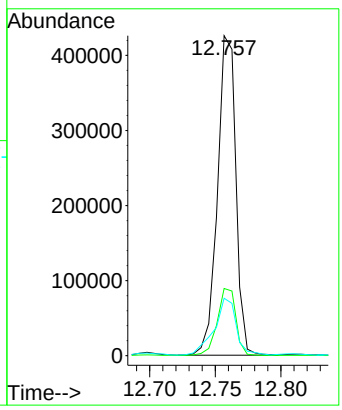


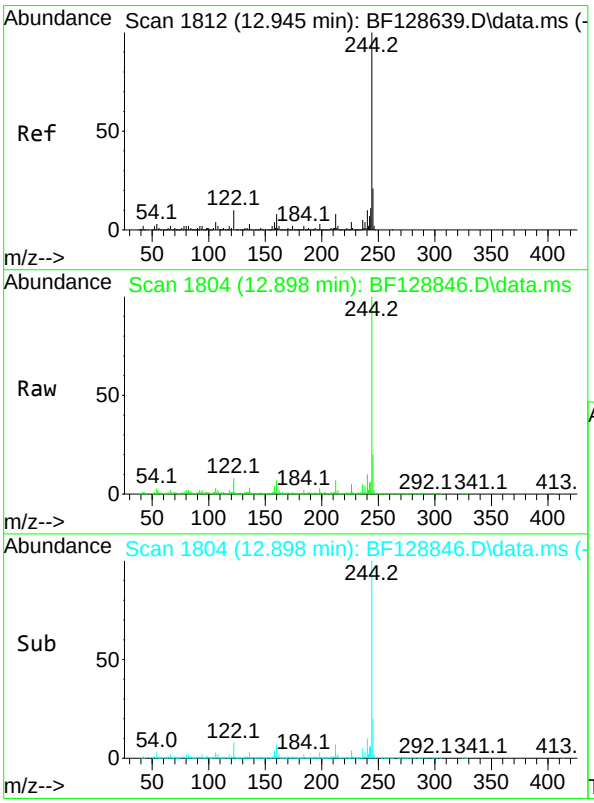
#78
Pyrene
Concen: 37.093 ng
RT: 12.757 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Instrument :
BNA_F
ClientSampleId :
PL-01-061422DL

Tgt Ion:202 Resp: 414203

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.7	26.5
203	18.0	14.6	21.8

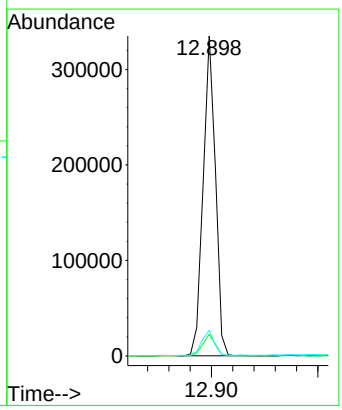


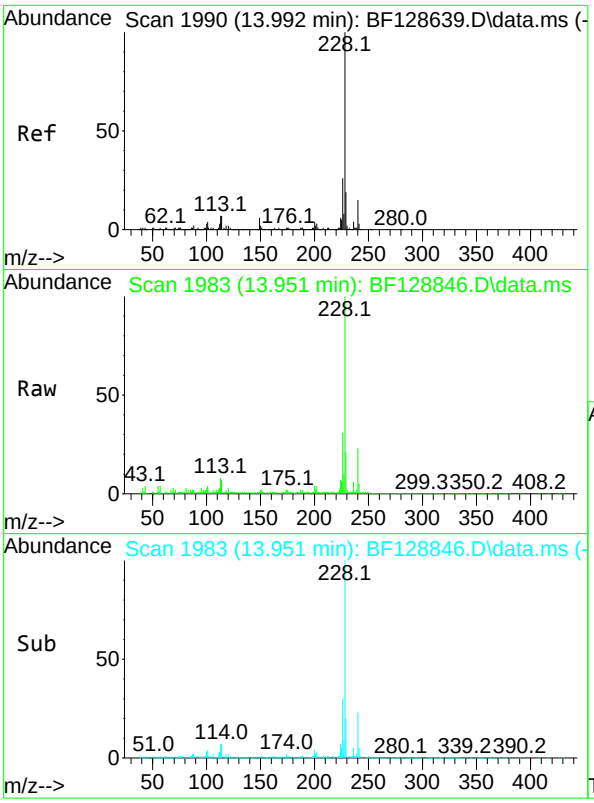


#79
Terphenyl-d14
Concen: 31.115 ng
RT: 12.898 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Tgt Ion:244 Resp: 268759

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.1	9.1
122	8.0	8.8	13.2#



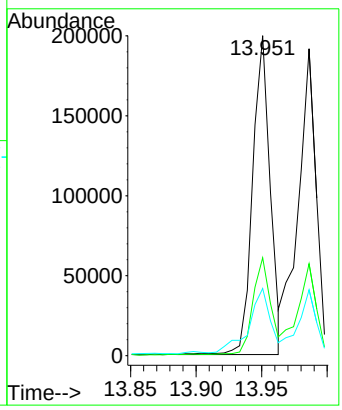


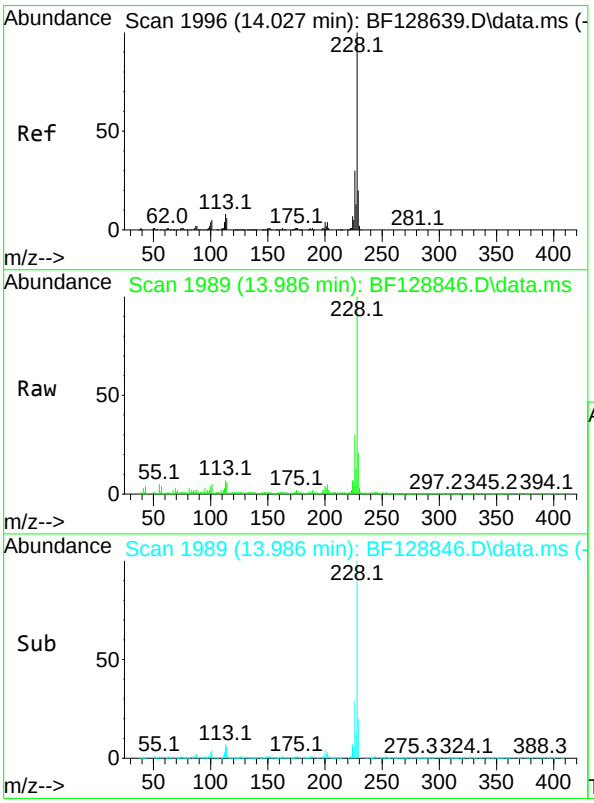
#81
Benzo(a)anthracene
Concen: 19.818 ng
RT: 13.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Instrument :
BNA_F
ClientSampleId :
PL-01-061422DL

Tgt Ion:228 Resp: 185408

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.1	33.1
229	21.0	15.8	23.8

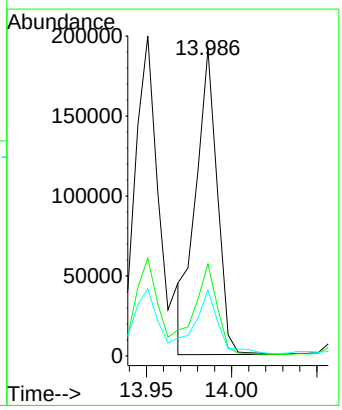


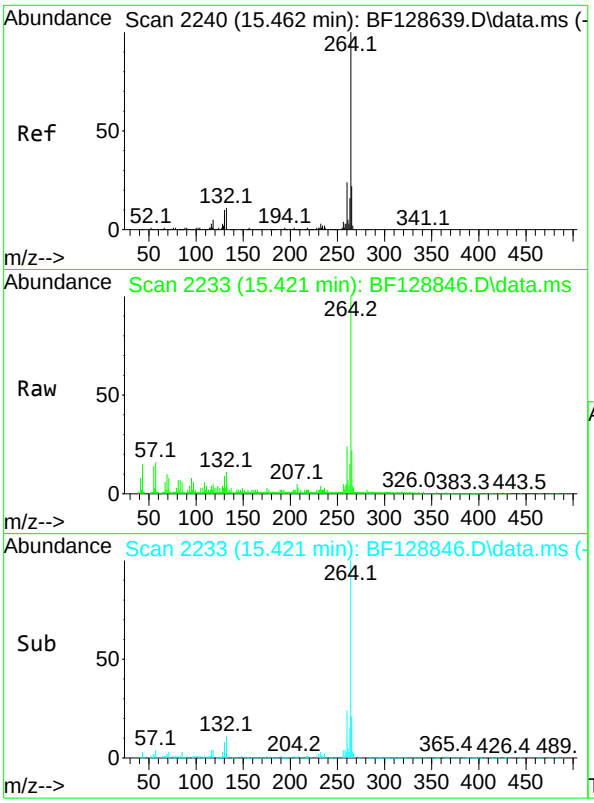


#83
Chrysene
Concen: 18.756 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Tgt Ion:228 Resp: 167289

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	21.5	15.9	23.9



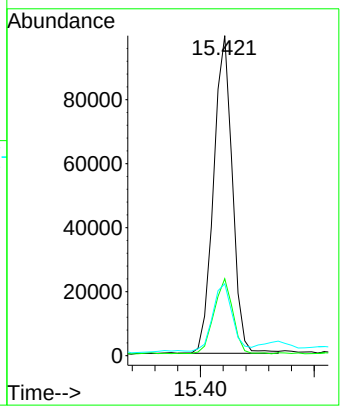


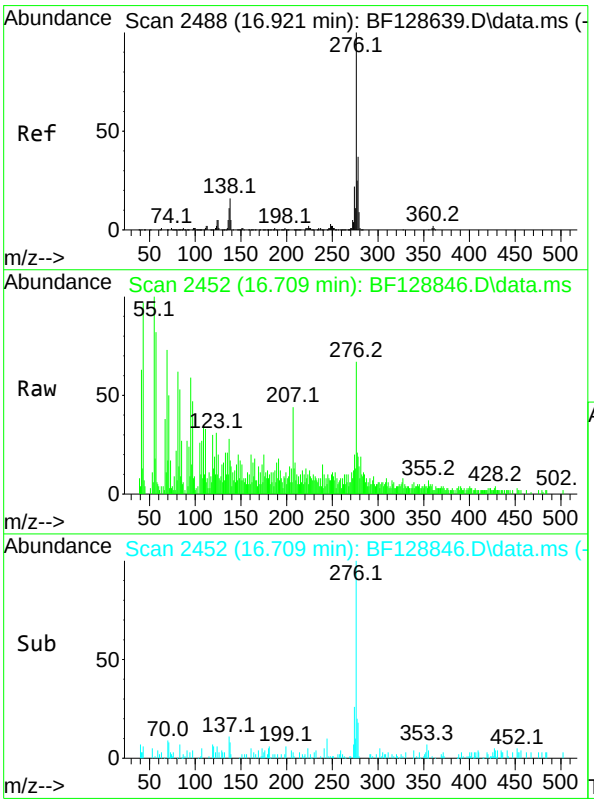
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Instrument :
BNA_F
ClientSampleId :
PL-01-061422DL

Tgt Ion:264 Resp: 114024

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	22.5	17.2	25.8

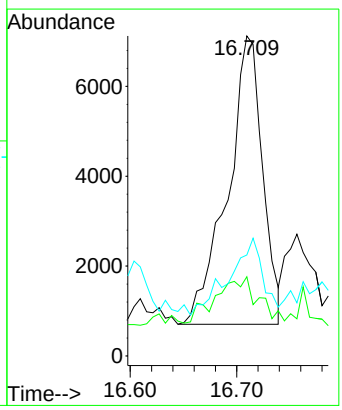


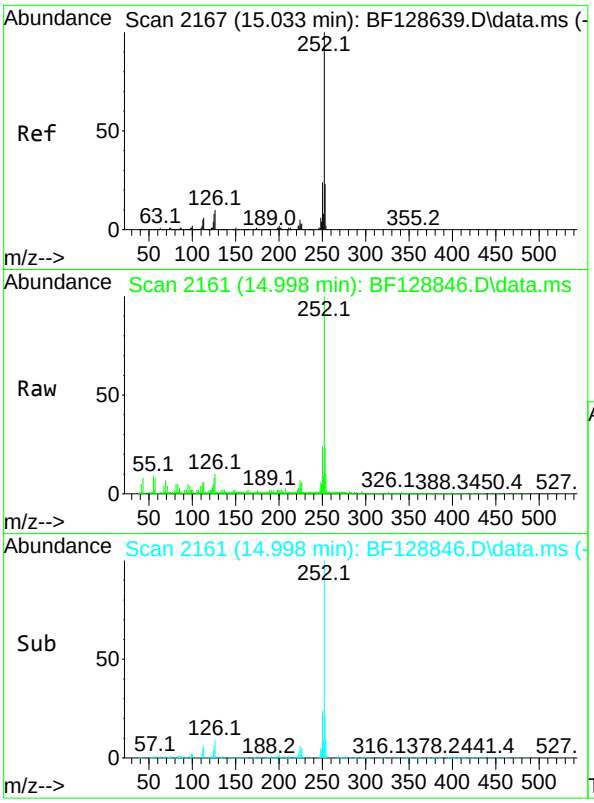


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.133 ng
RT: 16.709 min Scan# 2452
Delta R.T. -0.153 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Tgt Ion:276 Resp: 14662

Ion	Ratio	Lower	Upper
276	100		
138	21.4	21.1	31.7
277	25.8	20.3	30.5



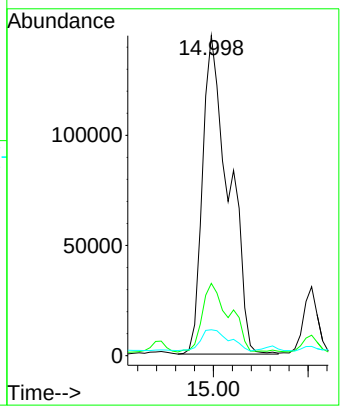


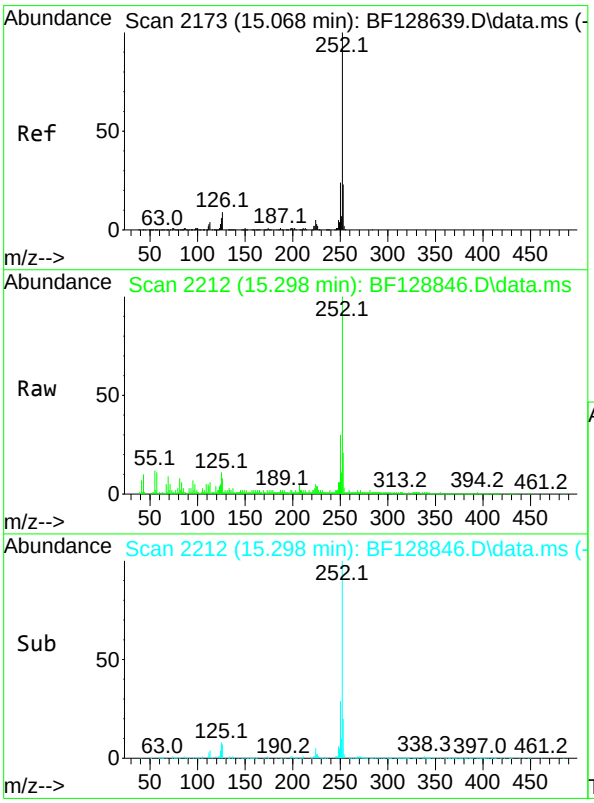
#88
Benzo(b)fluoranthene
Concen: 38.408 ng
RT: 14.998 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Instrument :
BNA_F
ClientSampleId :
PL-01-061422DL

Tgt Ion:252 Resp: 279842

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	8.1	8.0	12.0

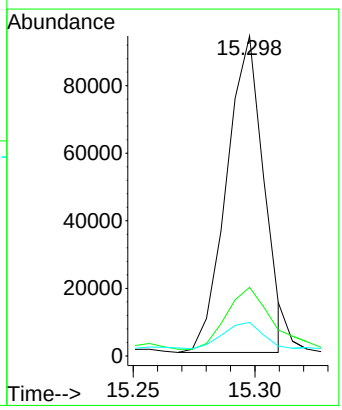


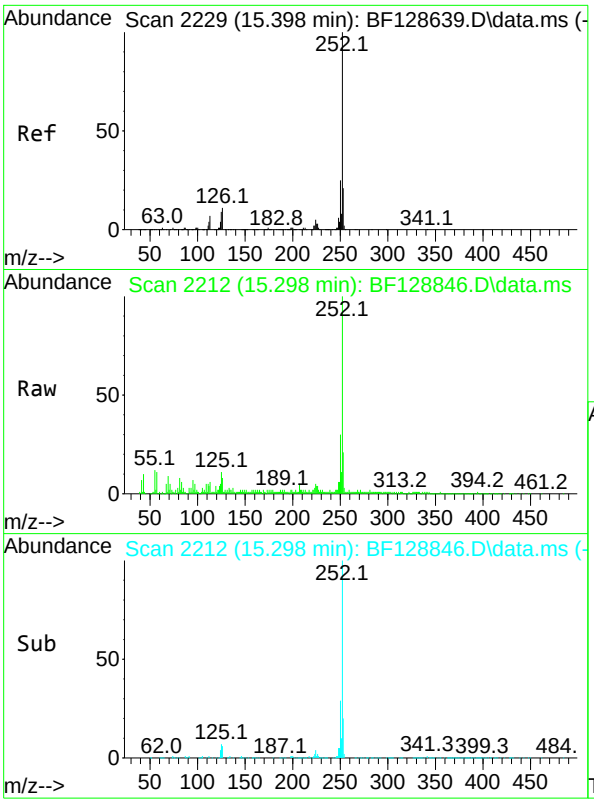


#89
Benzo(k)fluoranthene
Concen: 14.524 ng
RT: 15.298 min Scan# 2212
Delta R.T. 0.271 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Tgt Ion:252 Resp: 99544

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	10.5	8.3	12.5



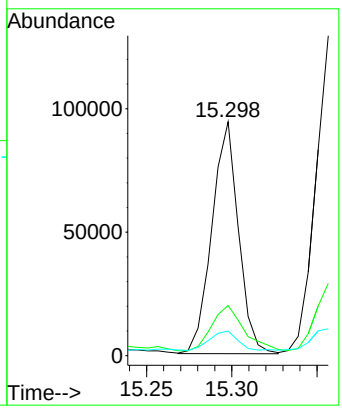


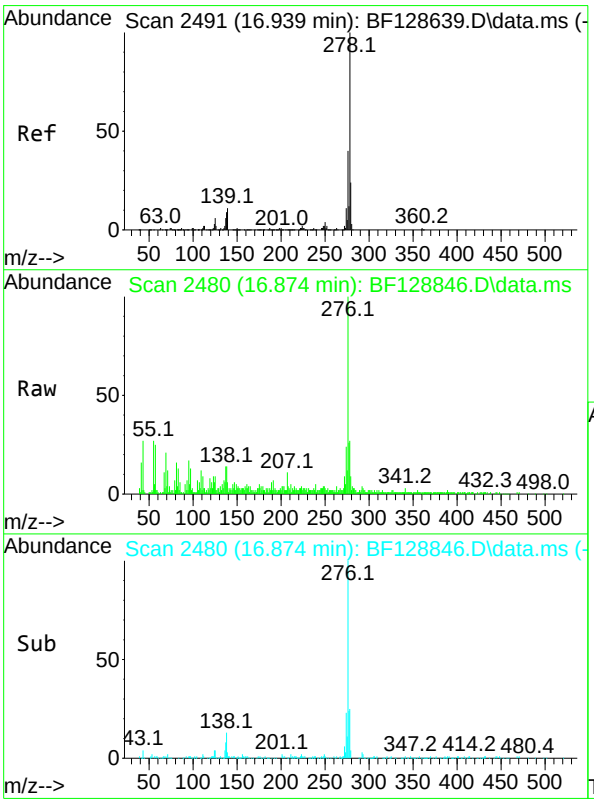
#90
Benzo(a)pyrene
Concen: 17.790 ng
RT: 15.298 min Scan# 2
Delta R.T. -0.059 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Instrument :
BNA_F
ClientSampleId :
PL-01-061422DL

Tgt Ion:252 Resp: 101876

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	10.5	8.8	13.2

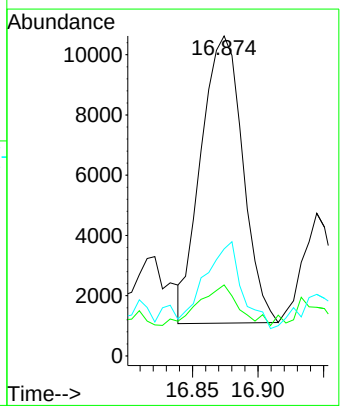


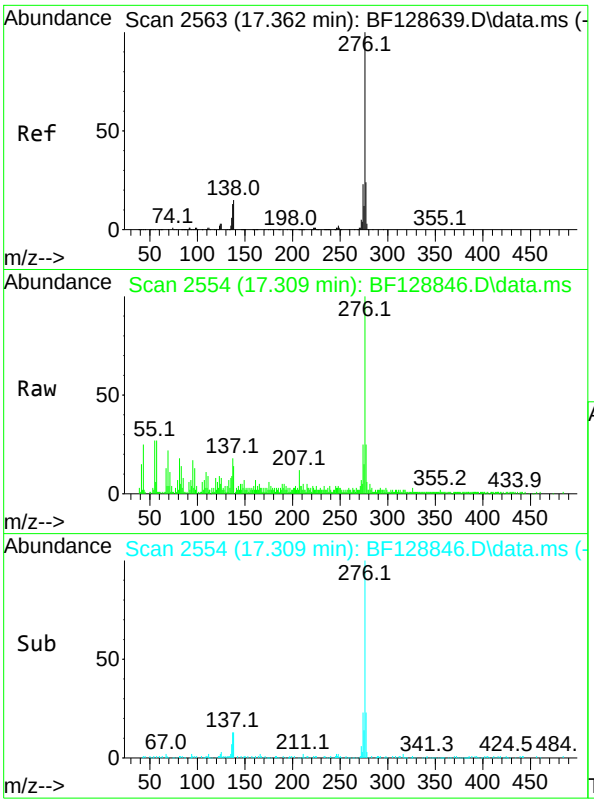


#91
Dibenzo(a,h)anthracene
Concen: 3.697 ng
RT: 16.874 min Scan# 2480
Delta R.T. -0.000 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Tgt Ion:278 Resp: 21075

Ion	Ratio	Lower	Upper
278	100		
139	22.2	12.8	19.2#
279	33.4	18.6	28.0#





#92
Benzo(g,h,i)perylene
Concen: 13.879 ng
RT: 17.309 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF128846.D
Acq: 16 Jun 2022 18:31

Instrument :
BNA_F
ClientSampleId :
PL-01-061422DL

Tgt Ion:276 Resp: 78416

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.1	28.7
138	14.2	18.0	27.0#