Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
Data File : BF128280.D
Acq On : 16 May 2022 21:15
Operator : CG\JU
Sample : N2834-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-051222

Quant Time: May 17 06:23:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 14 00:51:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	71337	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	251481	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	122989	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	221174	20.000	ng		0.00
76) Chrysene-d12	14.069	240	130827	20.000	ng	#	0.00
86) Perylene-d12	15.563	264	100383	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	278256	62.181	ng		0.00
7) Phenol-d6	6.516	99	352324	59.526	ng		-0.01
23) Nitrobenzene-d5	7.451	82	231800	41.475	ng		-0.01
42) 2,4,6-Tribromophenol	10.722	330	75336	53.410	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	359588	45.748	ng		-0.01
79) Terphenyl-d14	13.010	244	364859	52.331	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.446	77	130	Below Cal			86
19) n-Nitroso-di-n-propyla...	7.451	70	31583	8.665	ng	#	79
25) Isophorone	7.451	82	231797	26.455	ng	#	68
49) Acenaphthylene	9.787	152	24134	2.404	ng		94
51) 2,6-Dinitrotoluene	9.928	165	17099	9.821	ng	#	22
57) 2,4-Dinitrotoluene	9.928	165	17099	7.345	ng	#	26
67) 4-Bromophenyl-phenylether	10.716	248	4940	2.076	ng	#	1
71) Phenanthrene	11.439	178	49262	4.473	ng		99
75) Fluoranthene	12.639	202	108671	9.102	ng		99
78) Pyrene	12.875	202	130773	13.786	ng		98
81) Benzo(a)anthracene	14.057	228	73518	8.798	ng		93
83) Chrysene	14.092	228	74295	9.318	ng		98
87) Indeno(1,2,3-cd)pyrene	17.086	276	37415	6.162	ng		96
88) Benzo(b)fluoranthene	15.121	252	120656	19.390	ng	#	91
89) Benzo(k)fluoranthene	15.121	252	120656	19.643	ng	#	90
90) Benzo(a)pyrene	15.504	252	63959	12.731	ng		97
92) Benzo(g,h,i)perylene	17.551	276	36504	7.334	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
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Quant Time: May 17 06:23:17 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 14 00:51:21 2022
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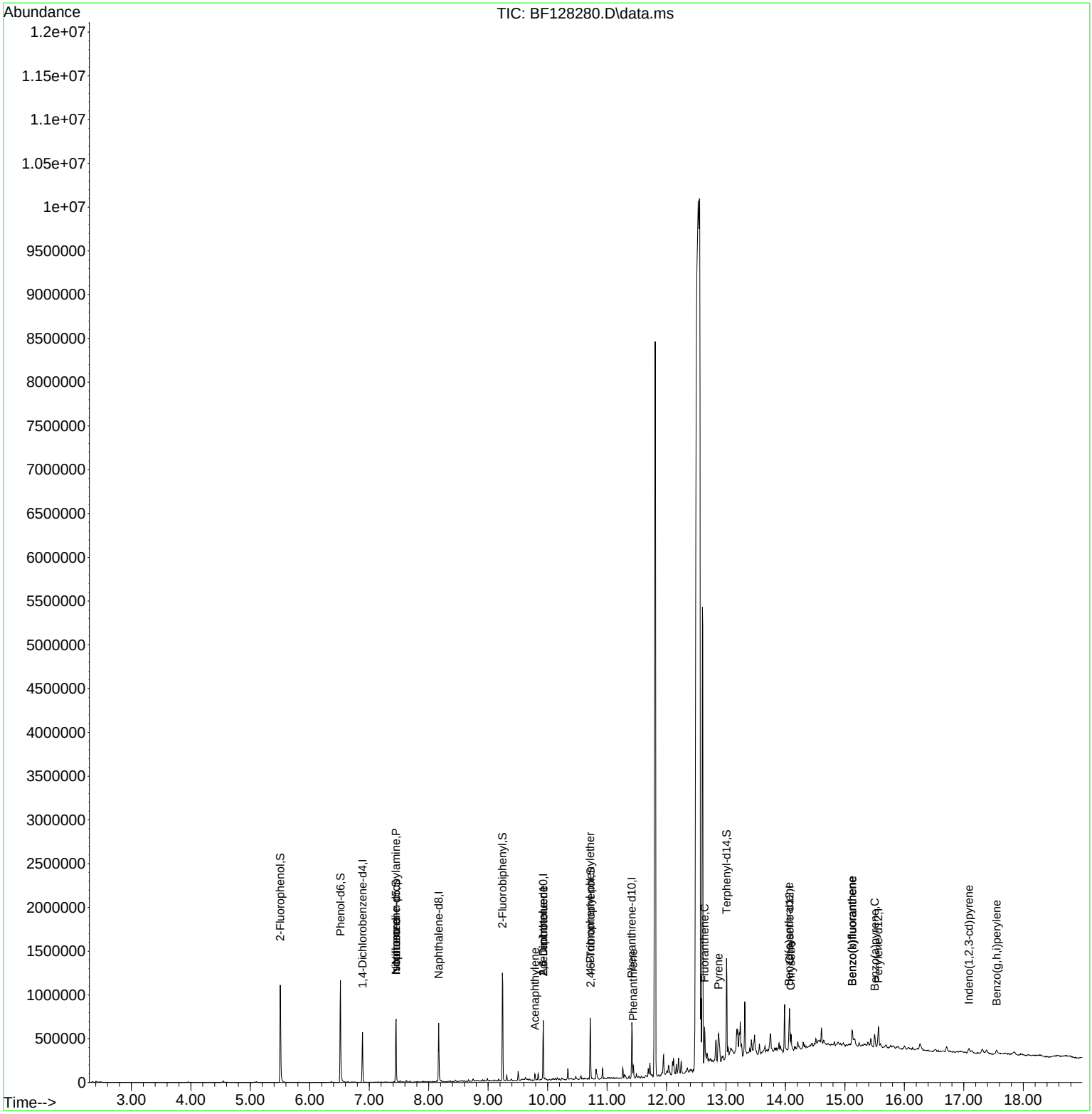
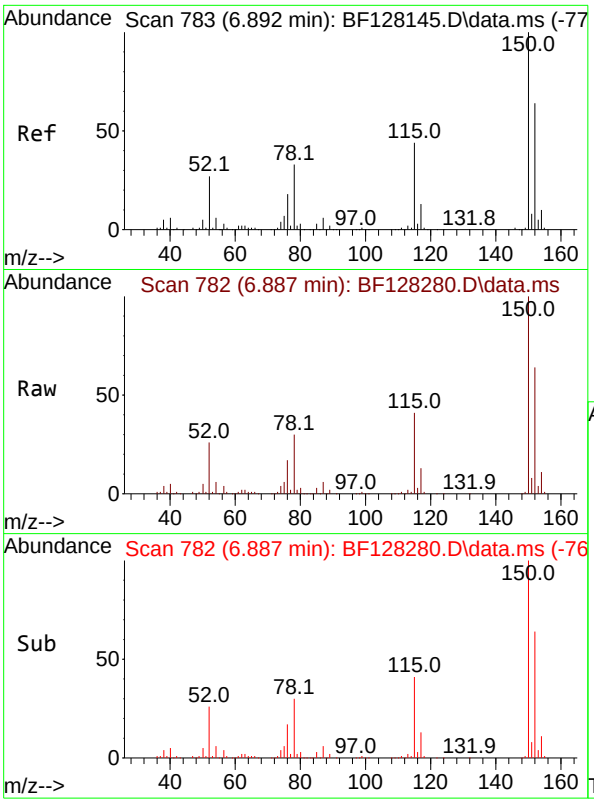


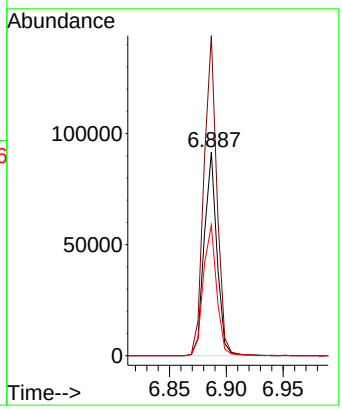


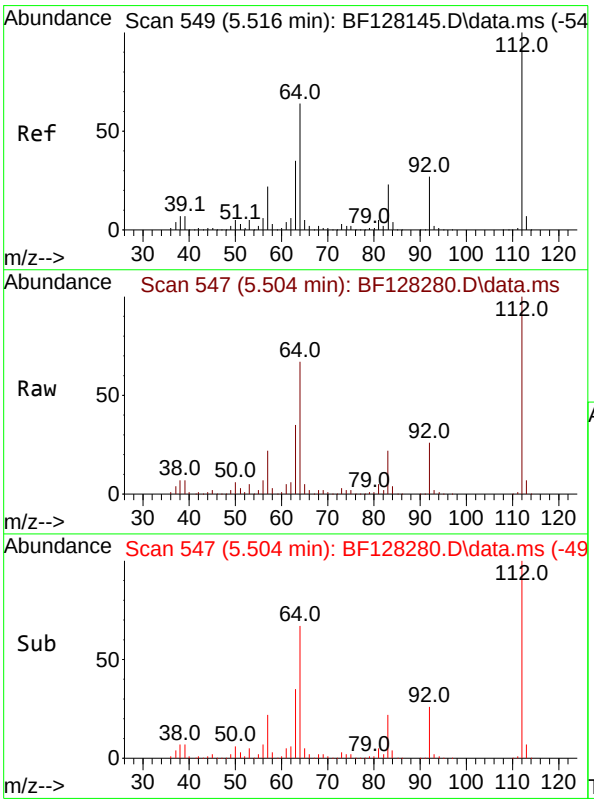
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Instrument :
BNA_F
ClientSampleId :
TR-06-051222

Tgt Ion:152 Resp: 71337

Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.3	187.9
115	64.2	48.8	73.2

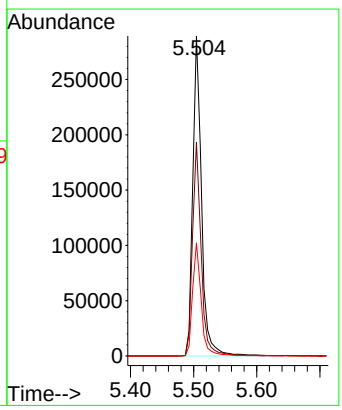


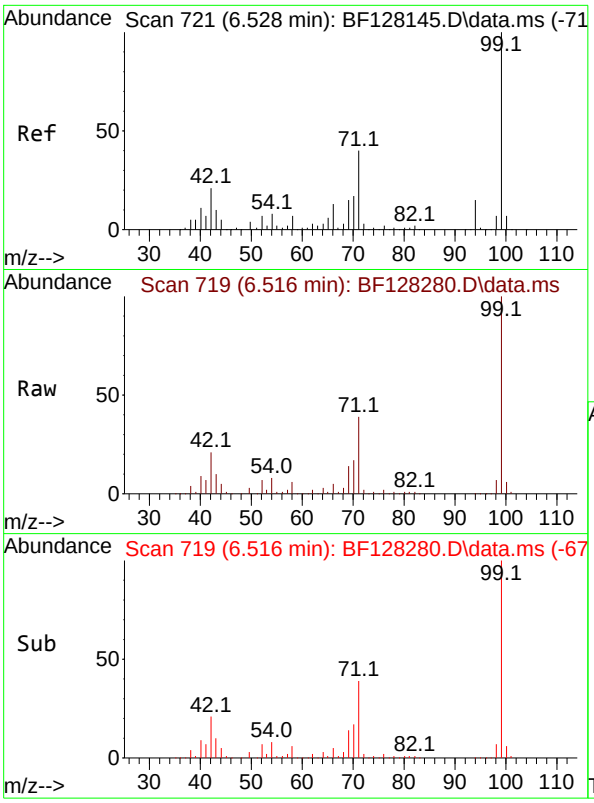


#5
2-Fluorophenol
Concen: 62.181 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.006 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Tgt Ion:112 Resp: 278256

Ion	Ratio	Lower	Upper
112	100		
64	66.8	49.5	74.3
63	35.4	26.3	39.5



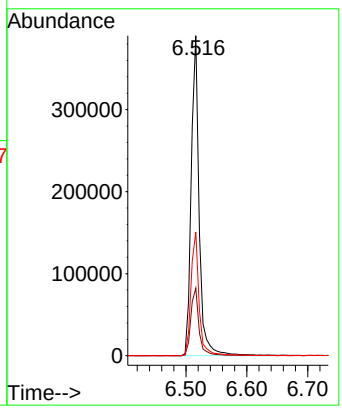


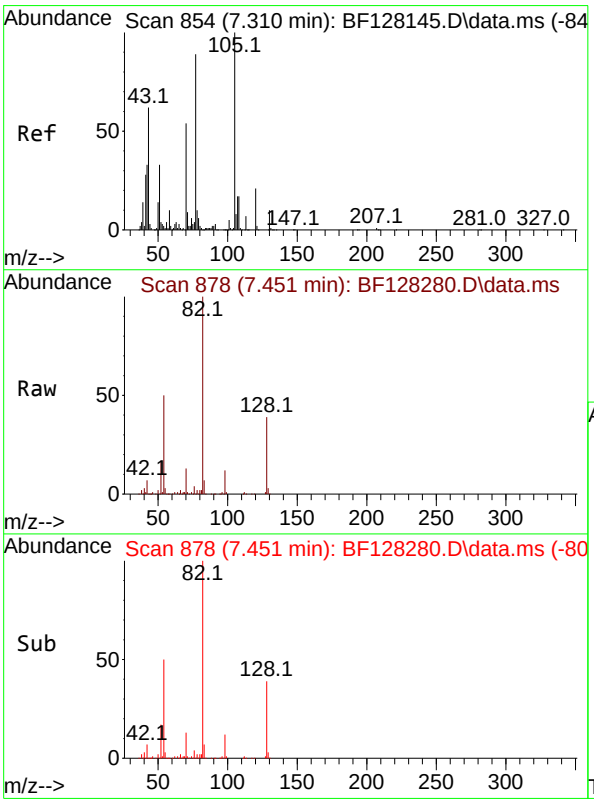
#7
Phenol-d6
Concen: 59.526 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Instrument :
BNA_F
ClientSampleId :
TR-06-051222

Tgt Ion: 99 Resp: 352324

Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.6	24.8
71	38.6	30.0	45.0

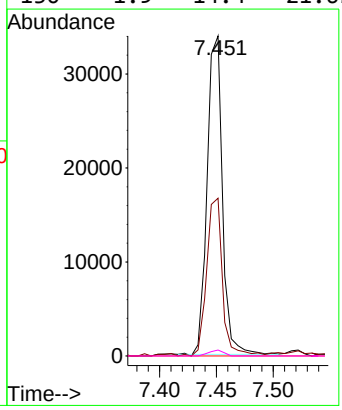


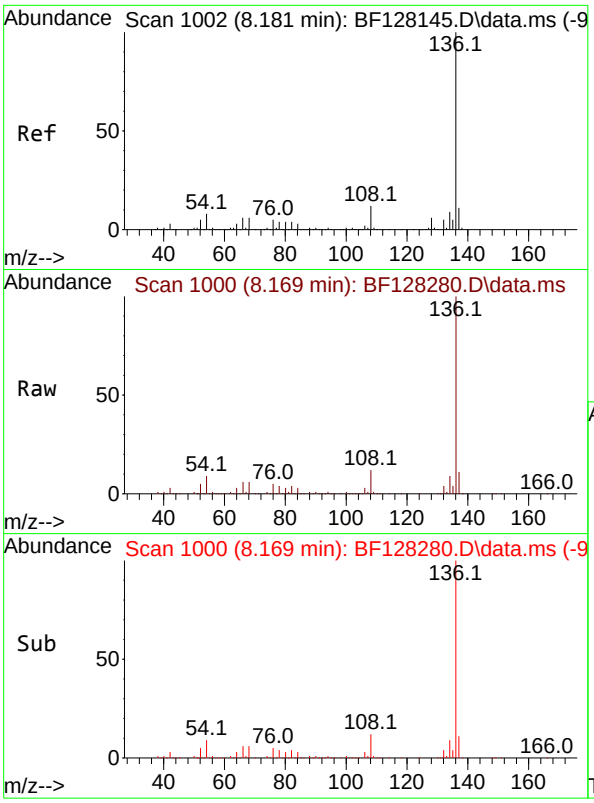


#19
n-Nitroso-di-n-propylamine
Concen: 8.665 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Tgt Ion: 70 Resp: 31583

Ion	Ratio	Lower	Upper
70	100		
42	49.3	48.7	73.1
101	0.0	7.2	10.8#
130	1.9	14.4	21.6#



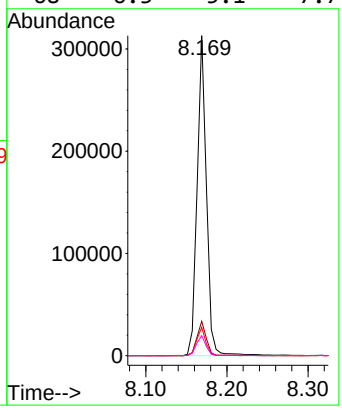


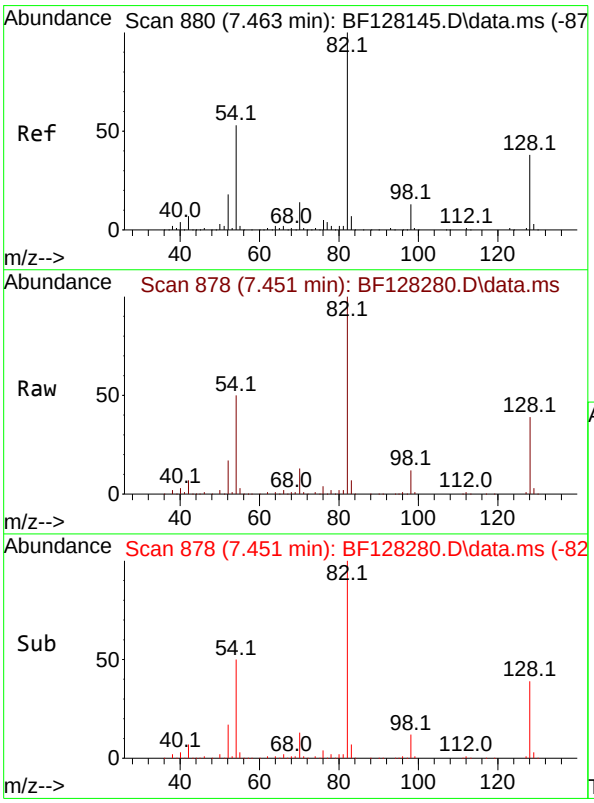
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Instrument :
BNA_F
ClientSampleId :
TR-06-051222

Tgt Ion:136 Resp: 251481

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.9	6.8	10.2
68	6.3	5.1	7.7

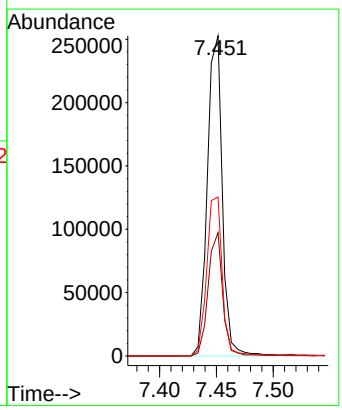


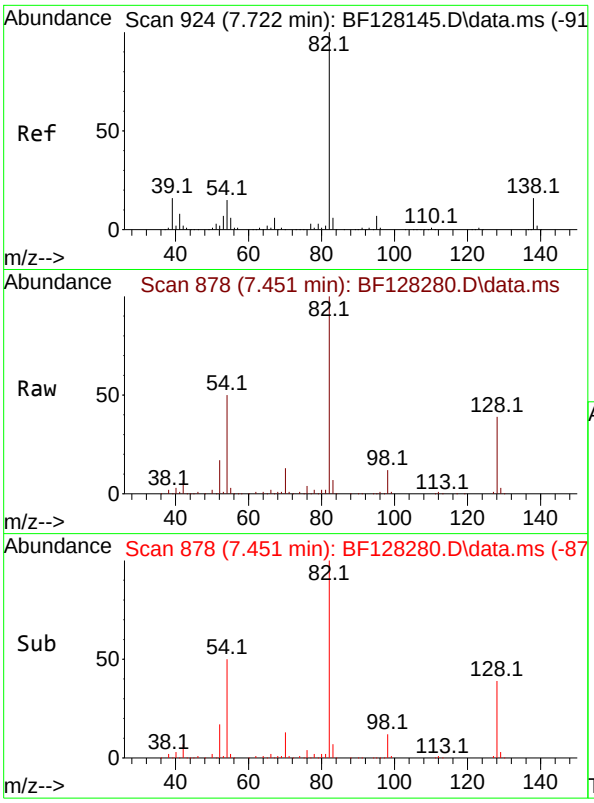


#23
Nitrobenzene-d5
Concen: 41.475 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Tgt Ion: 82 Resp: 231800

Ion	Ratio	Lower	Upper
82	100		
128	38.5	30.0	45.0
54	49.7	41.3	61.9



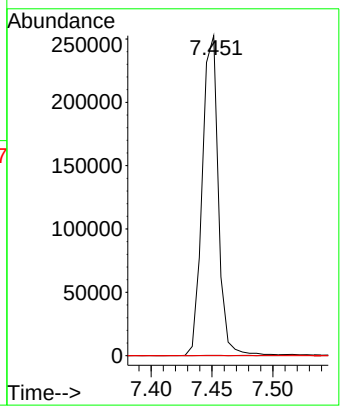


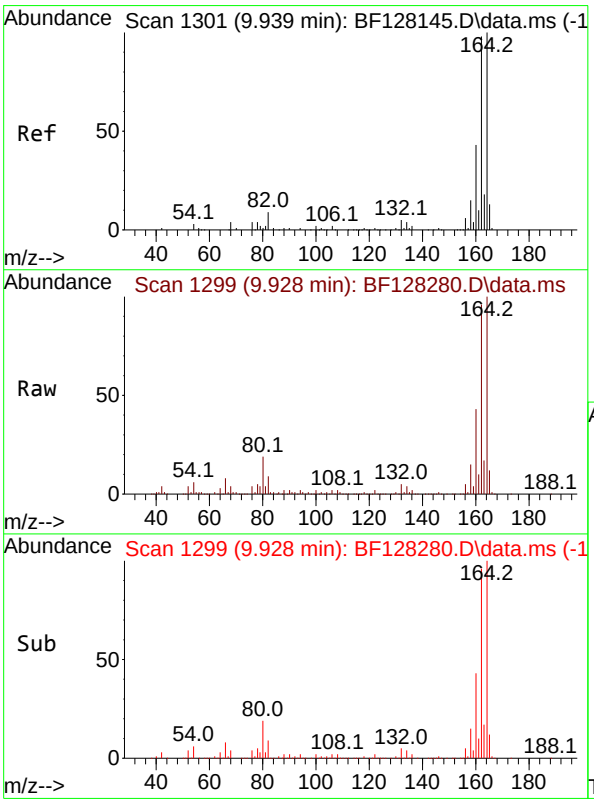
#25
Isophorone
Concen: 26.455 ng
RT: 7.451 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Instrument :
BNA_F
ClientSampleId :
TR-06-051222

Tgt Ion: 82 Resp: 231797

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	12.5	18.7#

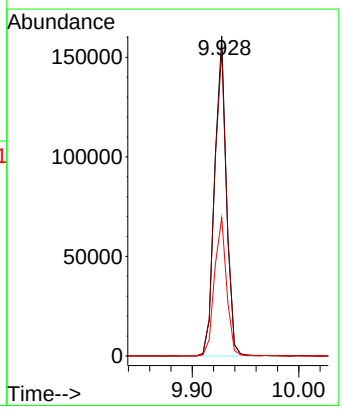


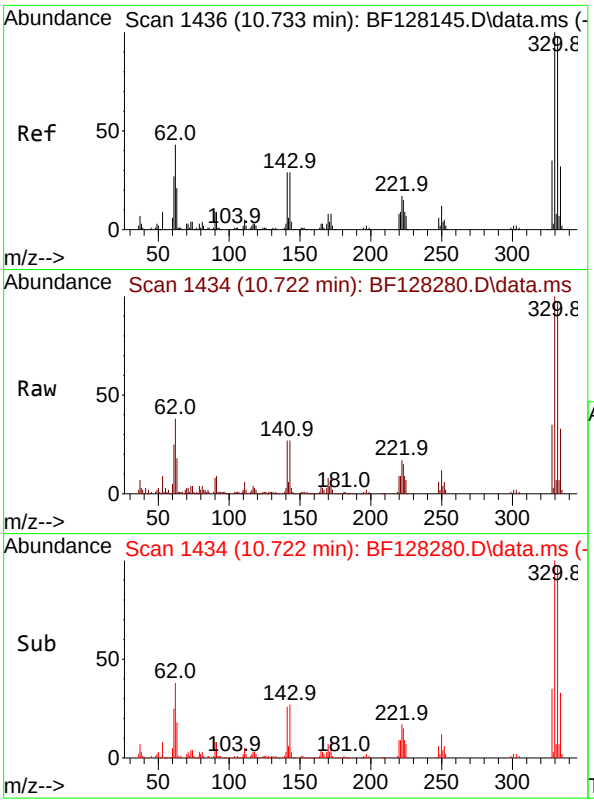


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Tgt Ion:164 Resp: 122989

Ion	Ratio	Lower	Upper
164	100		
162	95.7	76.0	114.0
160	43.2	34.8	52.2



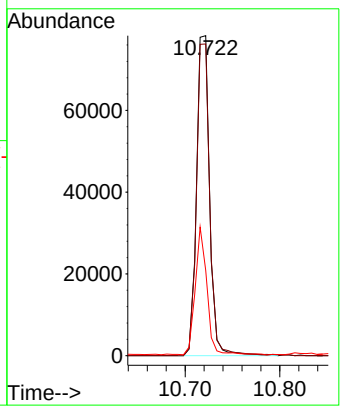


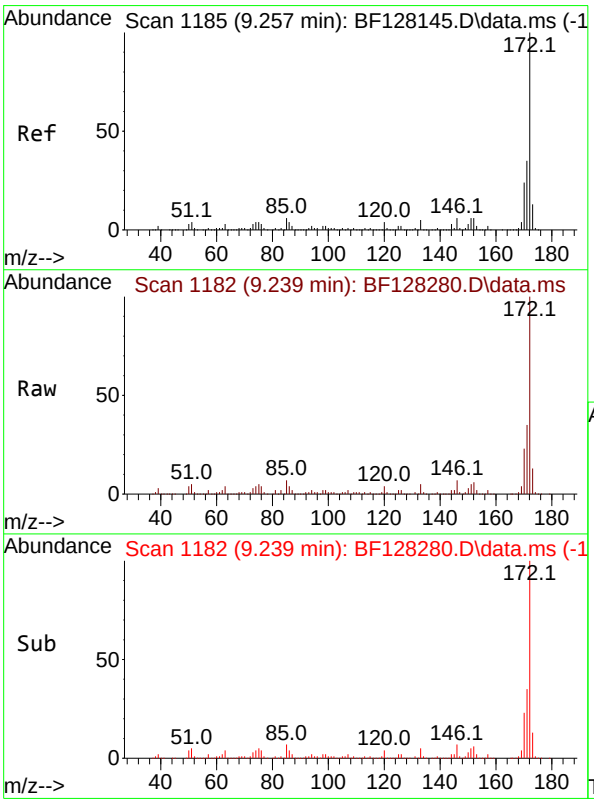
#42
2,4,6-Tribromophenol
Concen: 53.410 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Instrument :
BNA_F
ClientSampleId :
TR-06-051222

Tgt Ion:330 Resp: 75336

Ion	Ratio	Lower	Upper
330	100		
332	98.2	79.0	118.4
141	35.3	28.9	43.3

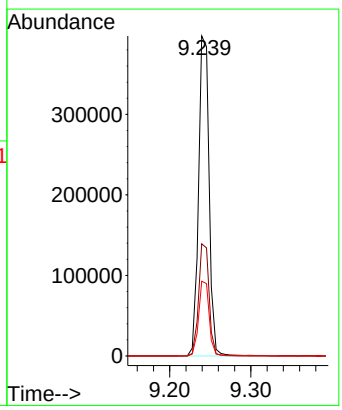


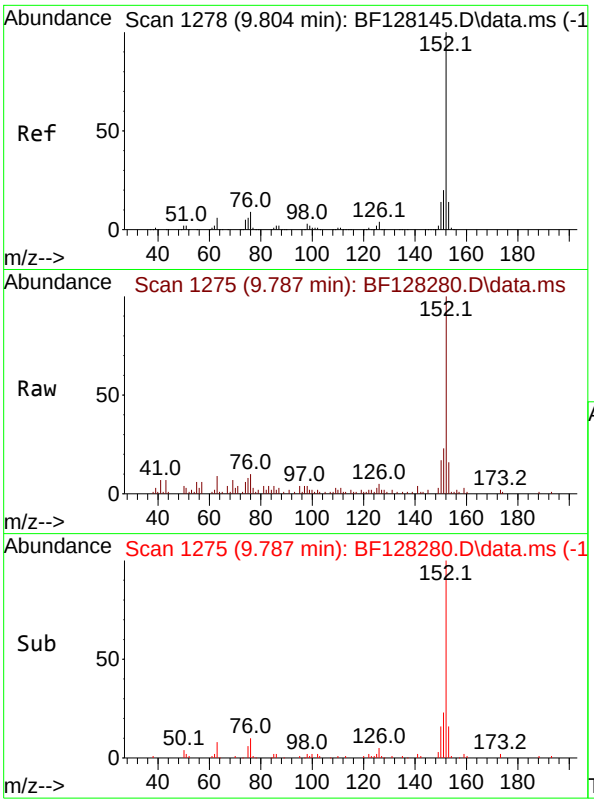


#45
2-Fluorobiphenyl
Concen: 45.748 ng
RT: 9.239 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Tgt Ion:172 Resp: 359588

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.4	19.1	28.7



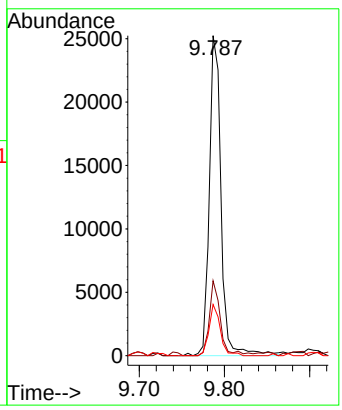


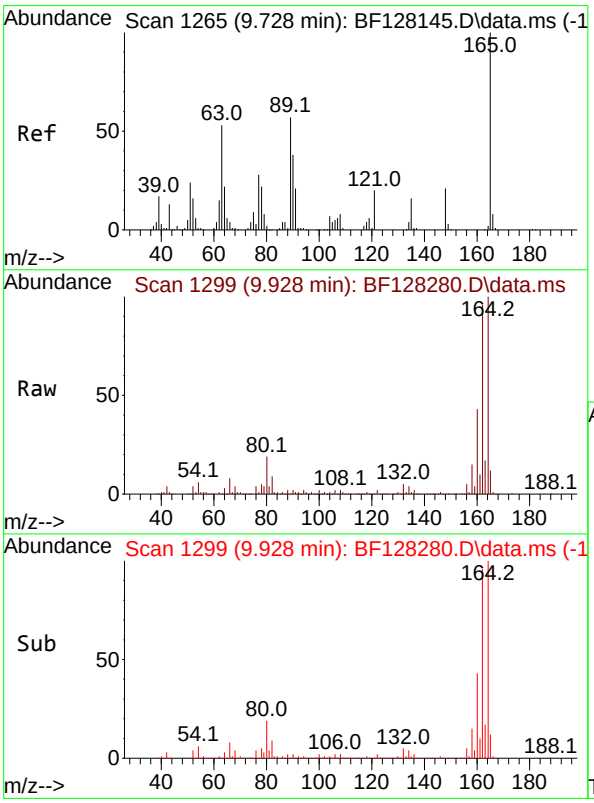
#49
Acenaphthylene
Concen: 2.404 ng
RT: 9.787 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Instrument :
BNA_F
ClientSampleId :
TR-06-051222

Tgt Ion:152 Resp: 24134

Ion	Ratio	Lower	Upper
152	100		
151	23.4	16.2	24.2
153	16.0	11.2	16.8

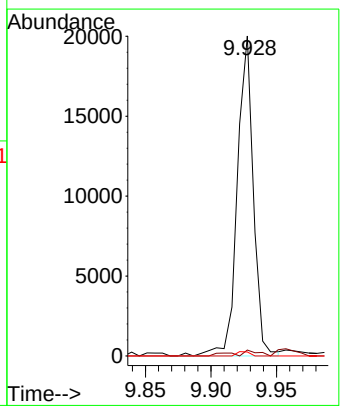


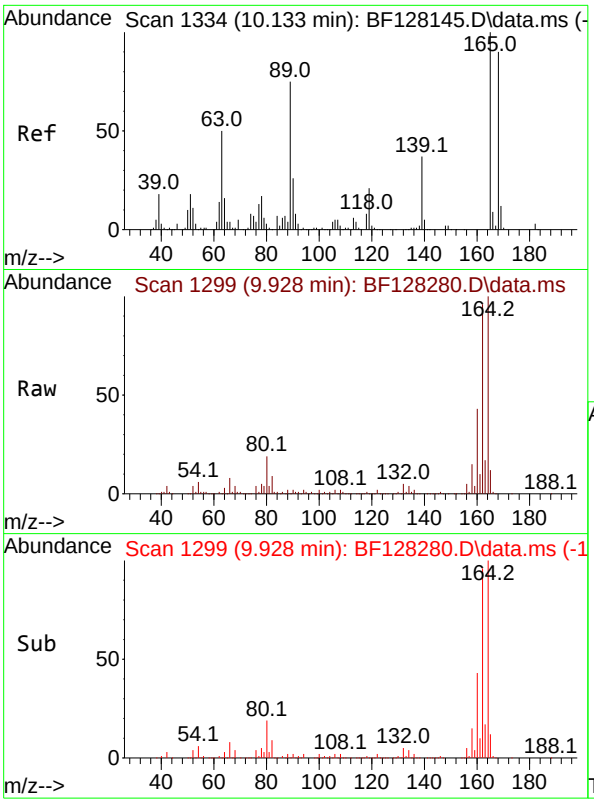


#51
2,6-Dinitrotoluene
Concen: 9.821 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.206 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Tgt Ion:165 Resp: 17099

Ion	Ratio	Lower	Upper
165	100		
63	1.9	49.5	74.3#
89	1.3	49.0	73.4#



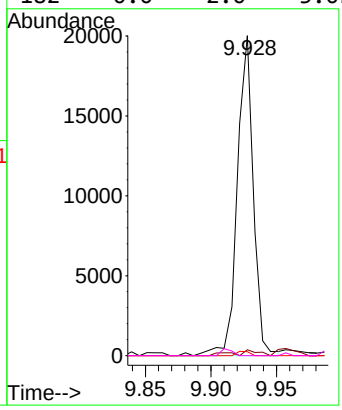


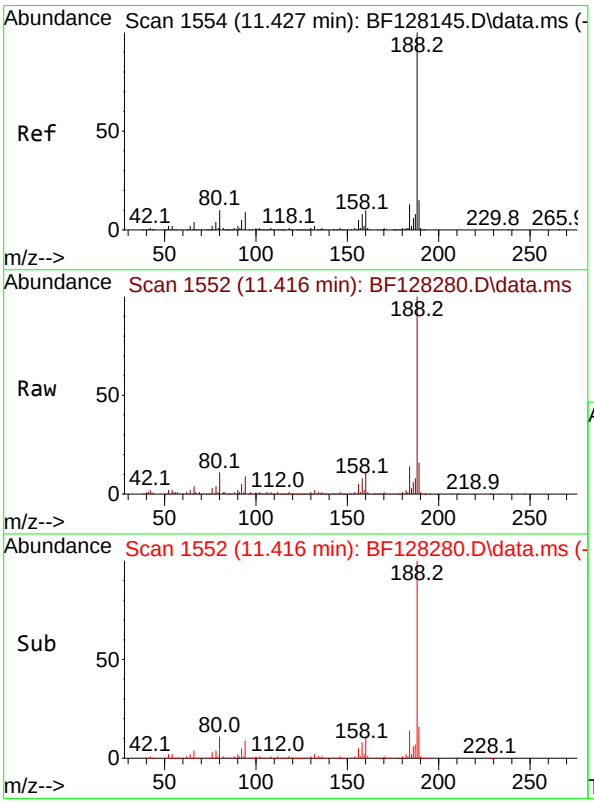
#57
2,4-Dinitrotoluene
Concen: 7.345 ng
RT: 9.928 min Scan# 1
Delta R.T. -0.200 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Instrument :
BNA_F
ClientSampleId :
TR-06-051222

Tgt Ion:165 Resp: 17099

Ion	Ratio	Lower	Upper
165	100		
63	1.9	32.6	49.0#
89	1.3	55.2	82.8#
182	0.0	2.0	3.0#

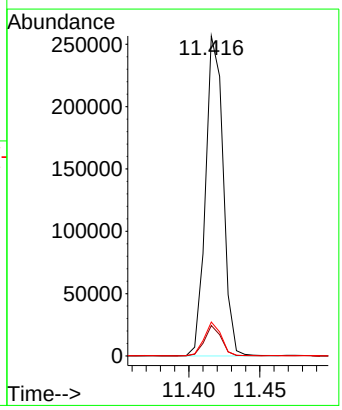


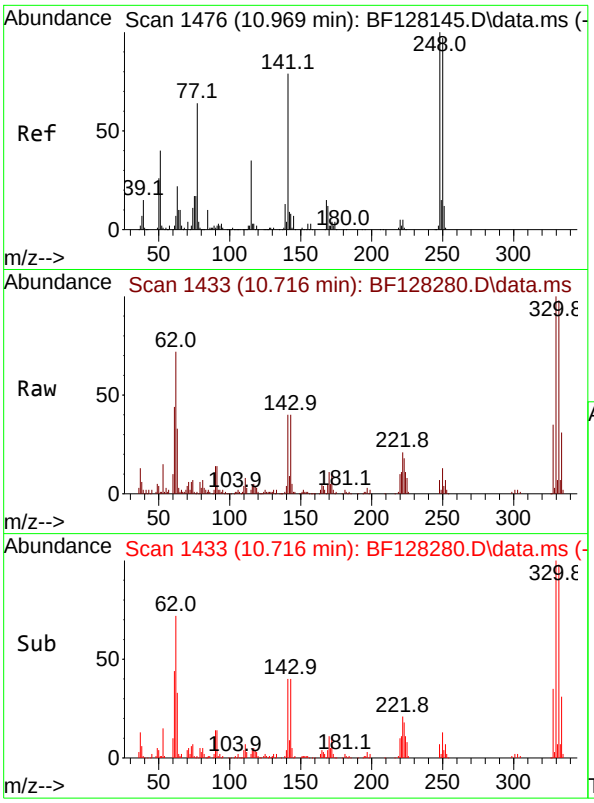


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Tgt Ion:188 Resp: 221174

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.0	12.0
80	10.6	8.9	13.3



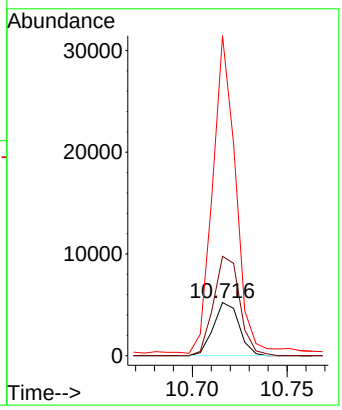


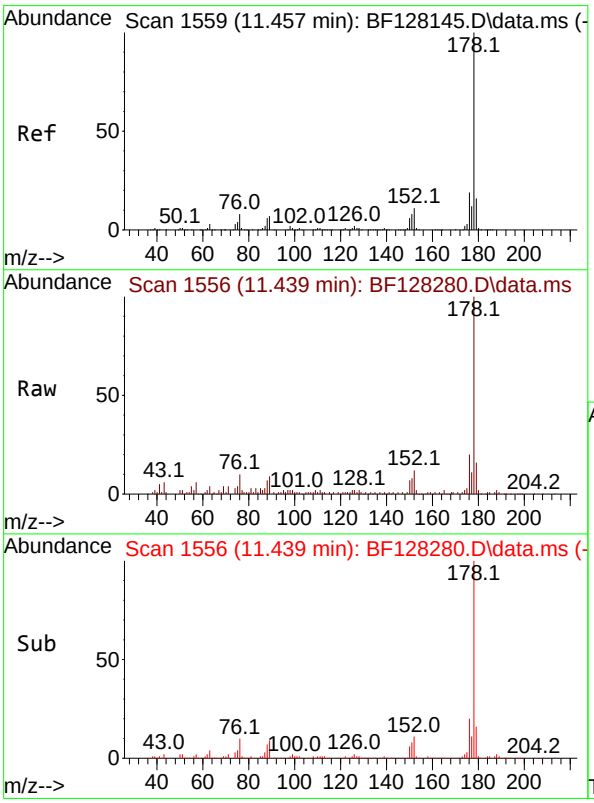
#67
4-Bromophenyl-phenylether
Concen: 2.076 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Instrument :
BNA_F
ClientSampleId :
TR-06-051222

Tgt Ion:248 Resp: 4940

Ion	Ratio	Lower	Upper
248	100		
250	187.0	77.7	116.5#
141	602.4	65.6	98.4#

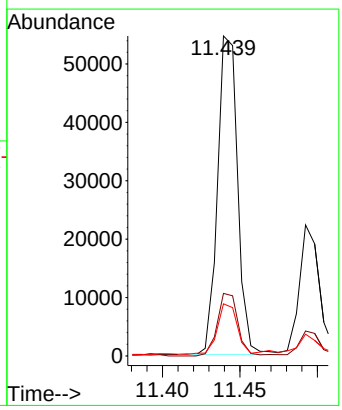


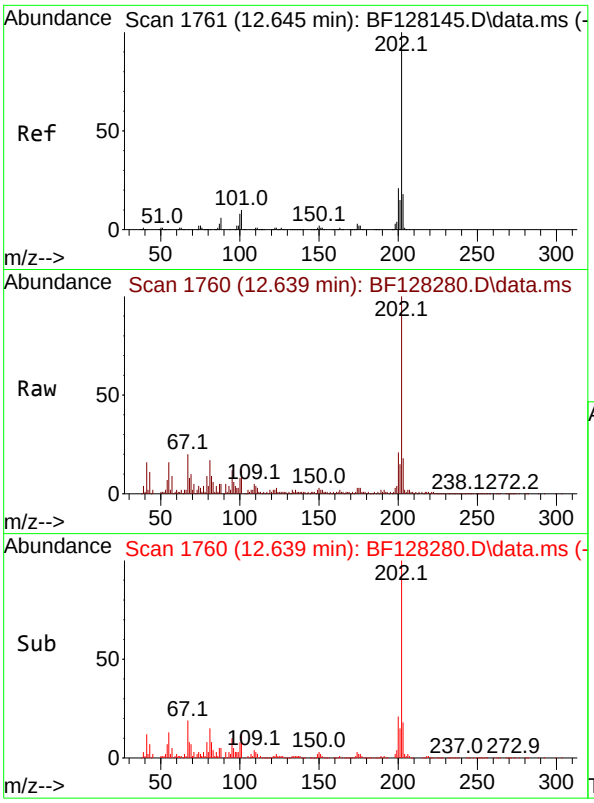


#71
Phenanthrene
Concen: 4.473 ng
RT: 11.439 min Scan# 1556
Delta R.T. -0.012 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Tgt Ion:178 Resp: 49262

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	16.3	12.6	19.0



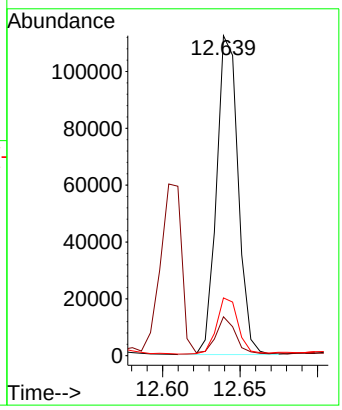


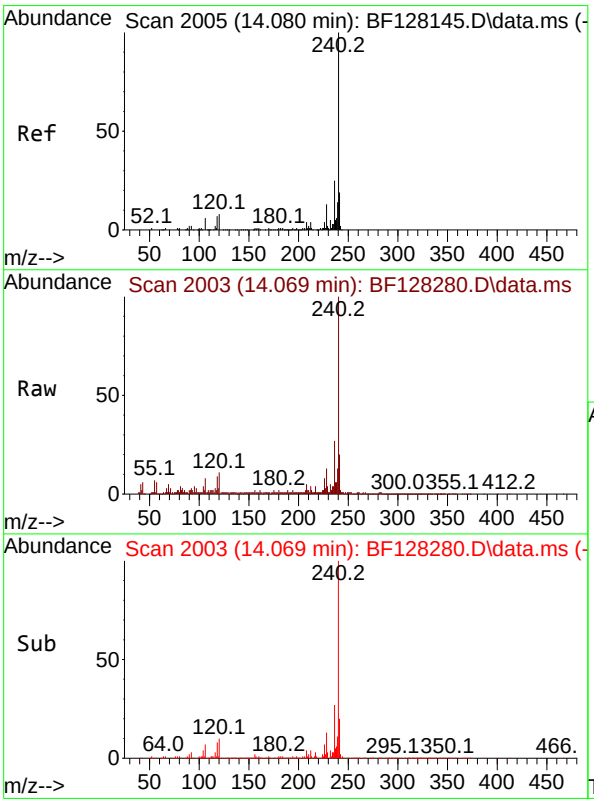
#75
Fluoranthene
Concen: 9.102 ng
RT: 12.639 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Instrument :
BNA_F
ClientSampleId :
TR-06-051222

Tgt Ion:202 Resp: 108671

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.6
203	18.1	0.0	38.1

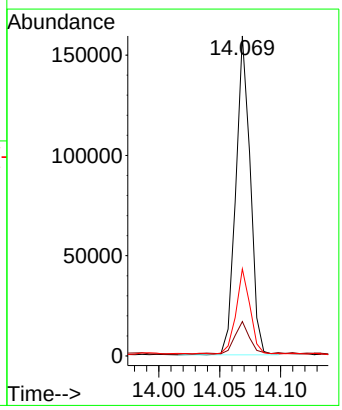


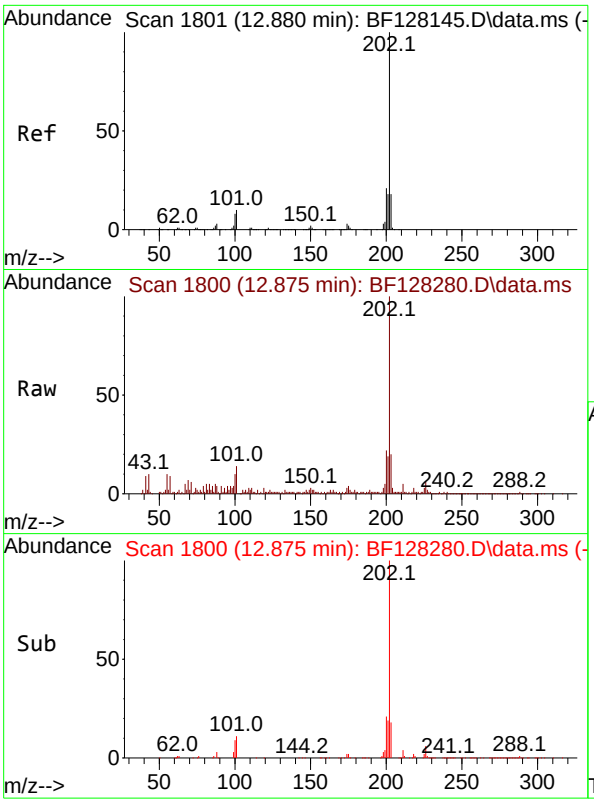


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Tgt Ion:240 Resp: 130827

Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.0	10.6#
236	27.2	20.3	30.5



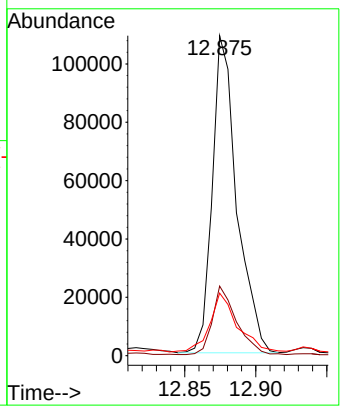


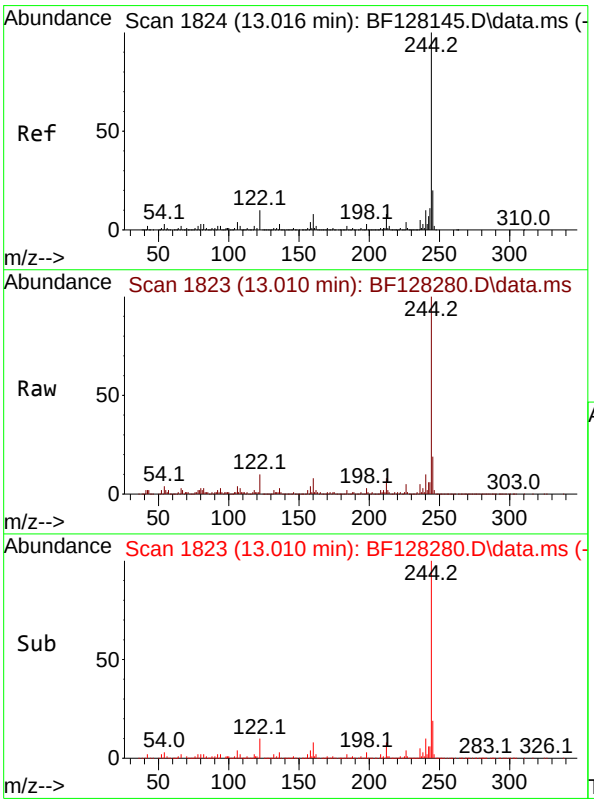
#78
Pyrene
Concen: 13.786 ng
RT: 12.875 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Instrument :
BNA_F
ClientSampleId :
TR-06-051222

Tgt Ion:202 Resp: 130773

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	19.5	14.0	21.0

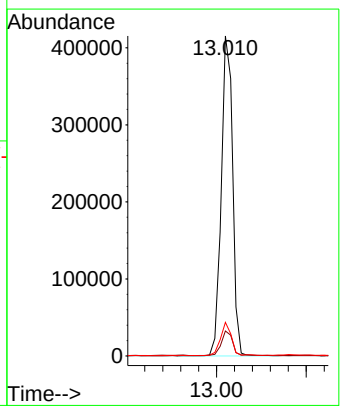


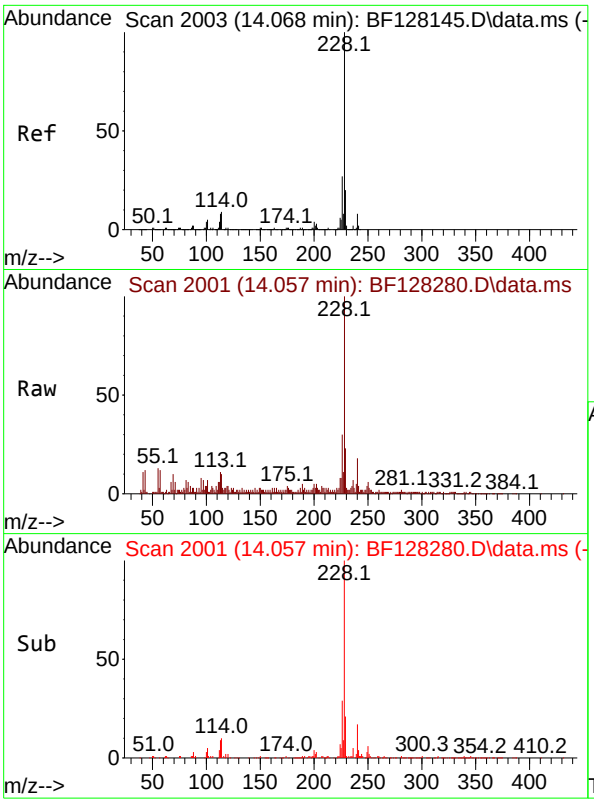


#79
Terphenyl-d14
Concen: 52.331 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Tgt Ion:244 Resp: 364859

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	10.5	8.6	12.8



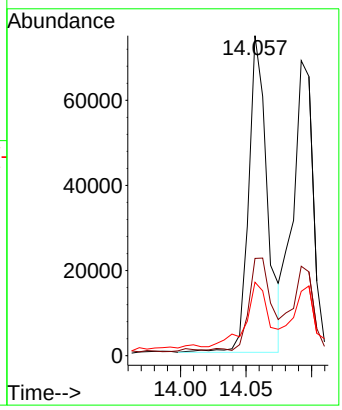


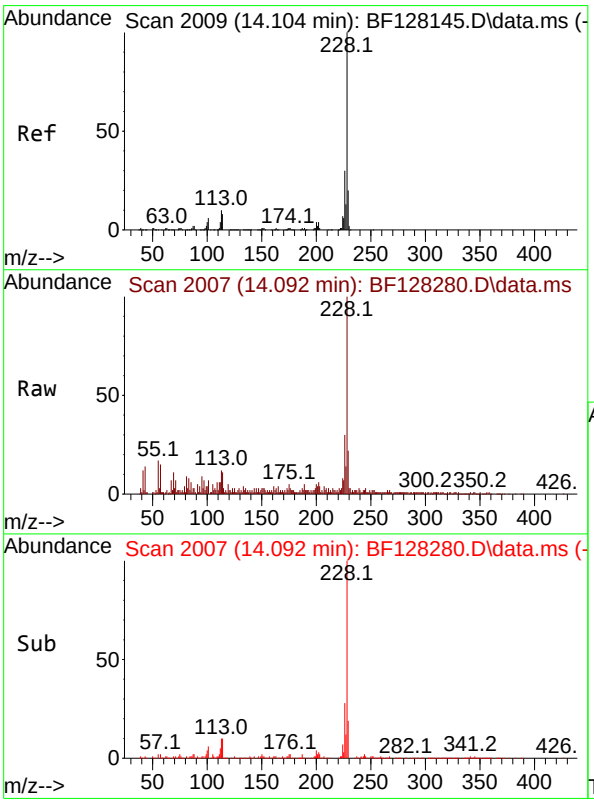
#81
Benzo(a)anthracene
Concen: 8.798 ng
RT: 14.057 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Instrument :
BNA_F
ClientSampleId :
TR-06-051222

Tgt Ion:228 Resp: 73518

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.7	32.5
229	22.9	15.4	23.2

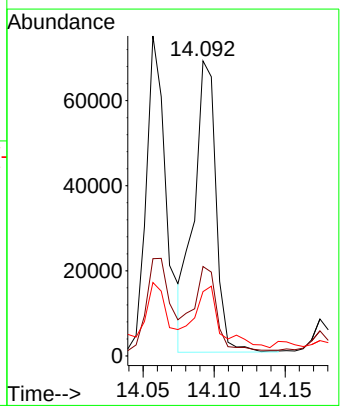


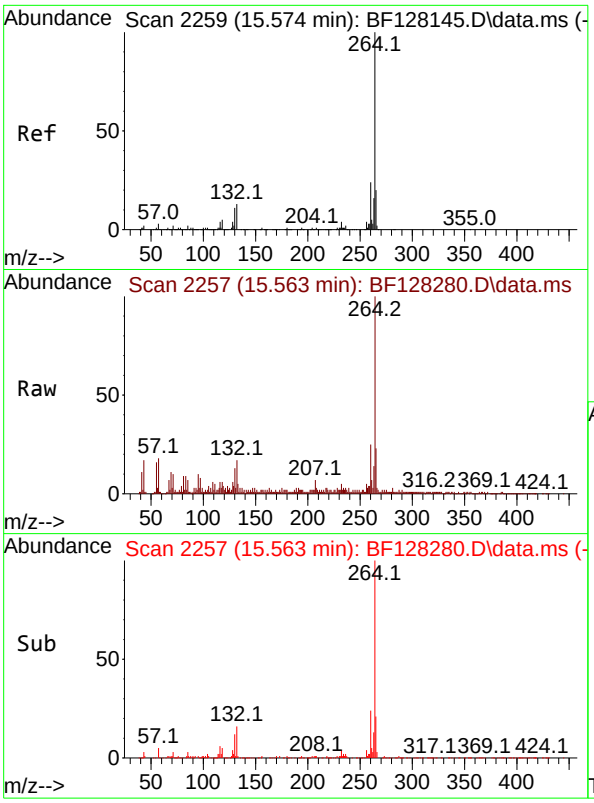


#83
Chrysene
Concen: 9.318 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Tgt Ion:228 Resp: 74295

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	21.8	15.8	23.8



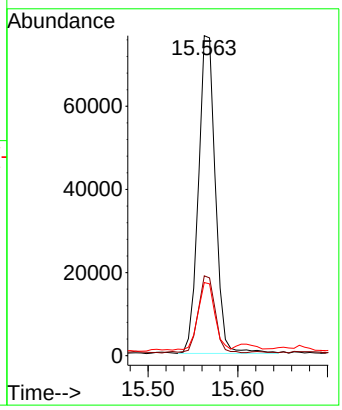


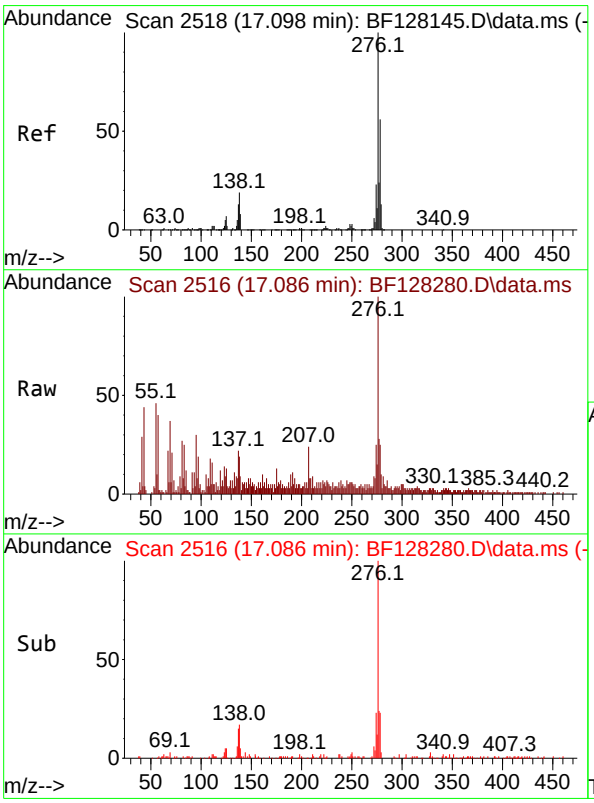
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Instrument :
BNA_F
ClientSampleId :
TR-06-051222

Tgt Ion:264 Resp: 100383

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	22.8	17.5	26.3

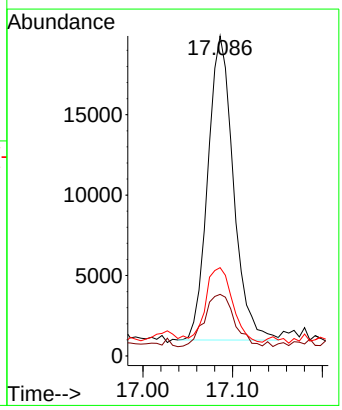


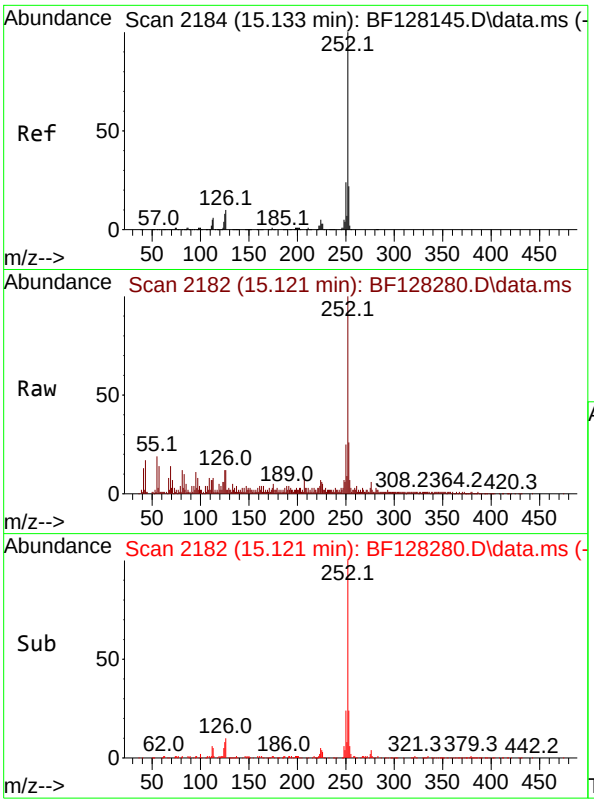


#87
Indeno(1,2,3-cd)pyrene
Concen: 6.162 ng
RT: 17.086 min Scan# 2516
Delta R.T. 0.000 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Tgt Ion:276 Resp: 37415

Ion	Ratio	Lower	Upper
276	100		
138	20.1	19.0	28.4
277	25.5	20.1	30.1



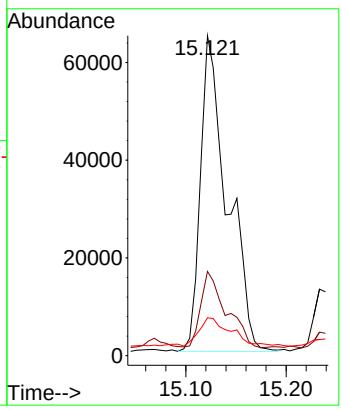


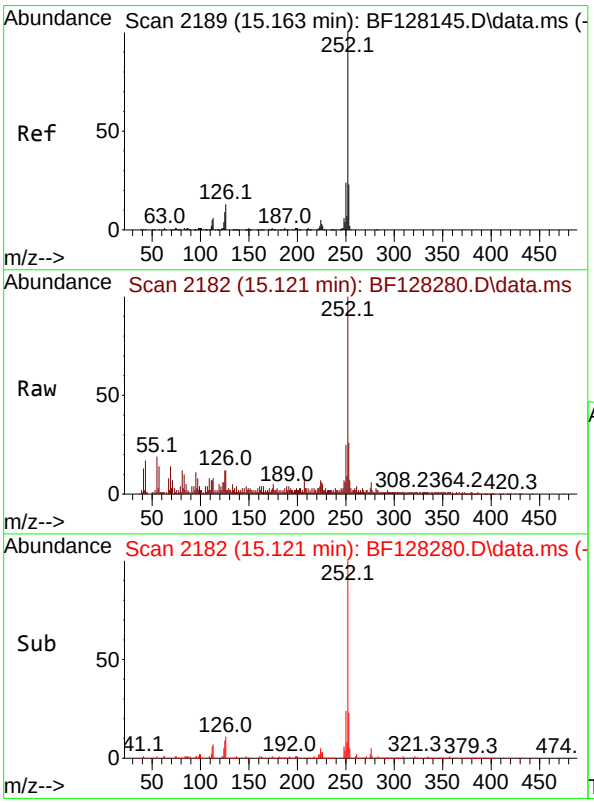
#88
Benzo(b)fluoranthene
Concen: 19.390 ng
RT: 15.121 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Instrument :
BNA_F
ClientSampleId :
TR-06-051222

Tgt Ion:252 Resp: 120656

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.4	26.2#
125	11.9	7.4	11.2#

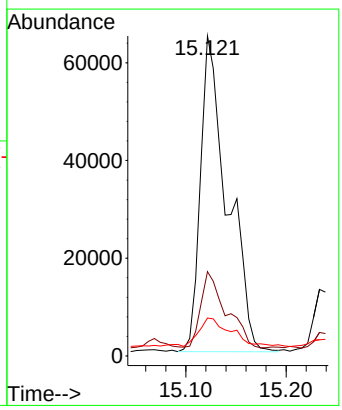


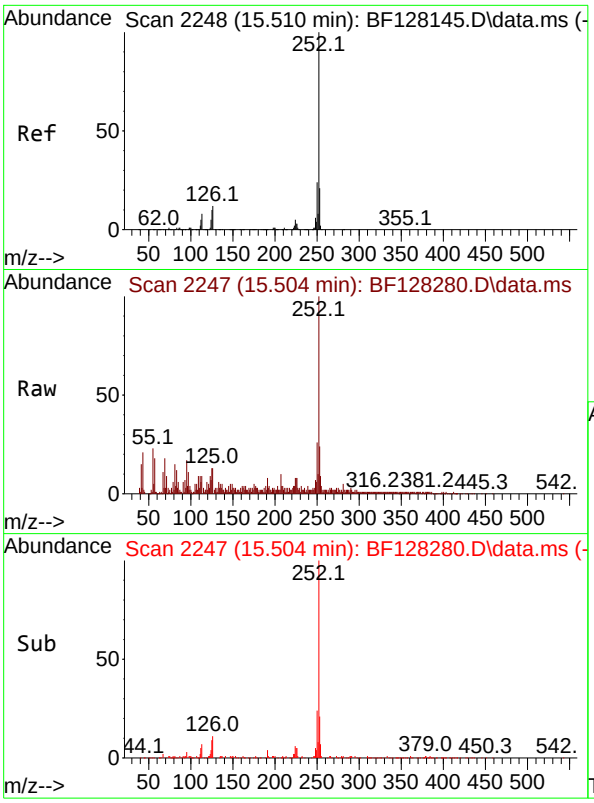


#89
Benzo(k)fluoranthene
Concen: 19.643 ng
RT: 15.121 min Scan# 2182
Delta R.T. -0.029 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Tgt Ion:252 Resp: 120656

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.0	25.4#
125	11.9	6.8	10.2#



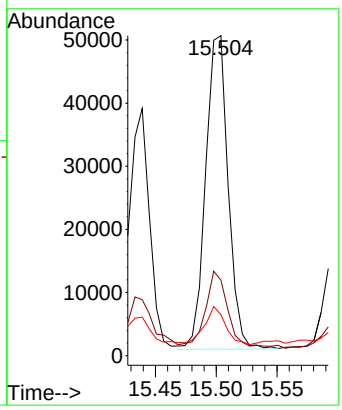


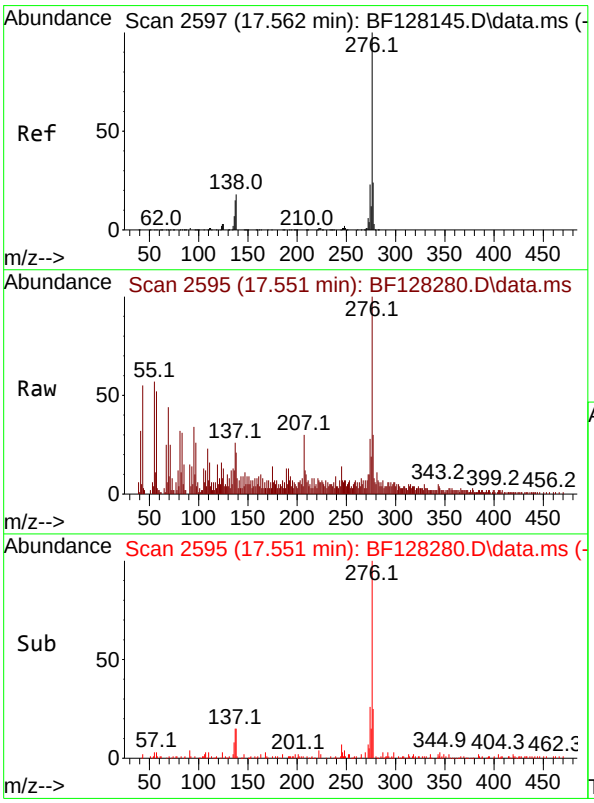
#90
Benzo(a)pyrene
Concen: 12.731 ng
RT: 15.504 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Instrument :
BNA_F
ClientSampleId :
TR-06-051222

Tgt Ion:252 Resp: 63959

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	12.8	9.2	13.8





#92
Benzo(g,h,i)perylene
Concen: 7.334 ng
RT: 17.551 min Scan# 2595
Delta R.T. 0.000 min
Lab File: BF128280.D
Acq: 16 May 2022 21:15

Tgt Ion:276 Resp: 36504

Ion	Ratio	Lower	Upper
276	100		
277	29.7	18.8	28.2#
138	21.1	16.2	24.2