Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128741.D
Acq On : 08 Jun 2022 18:10
Operator : CG\JU
Sample : N3225-01RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Quant Time: Jun 09 03:17:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 08 14:28:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	77925	20.000	ng		0.00
21) Naphthalene-d8	8.092	136	258648	20.000	ng		0.00
39) Acenaphthene-d10	9.851	164	124212	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	207014	20.000	ng	#	0.00
76) Chrysene-d12	13.986	240	145316	20.000	ng	#	0.00
86) Perylene-d12	15.457	264	107209	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	618381	126.401	ng		0.00
7) Phenol-d6	6.481	99	758165	126.957	ng		0.00
23) Nitrobenzene-d5	7.381	82	528091	95.060	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	170195	115.966	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	903788	101.925	ng		0.00
79) Terphenyl-d14	12.933	244	871576	104.220	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	75970	20.460	ng	#	76
25) Isophorone	7.381	82	527051	62.467	ng	#	65
37) 2-Methylnaphthalene	8.804	142	17081	2.023	ng		99
38) 1-Methylnaphthalene	8.904	142	18757	2.299	ng		96
49) Acenaphthylene	9.710	152	42413	3.896	ng		99
52) Acenaphthene	9.880	154	26483	3.735	ng		97
58) Fluorene	10.398	166	49005	6.202	ng		98
67) 4-Bromophenyl-phenylether	10.645	248	11037	4.781	ng	#	1
71) Phenanthrene	11.363	178	380194	36.616	ng		99
72) Anthracene	11.416	178	97605	9.497	ng		100
73) Carbazole	11.569	167	30128	3.156	ng		94
75) Fluoranthene	12.557	202	449019	41.370	ng		96
78) Pyrene	12.786	202	445123	41.171	ng		100
81) Benzo(a)anthracene	13.974	228	164574	18.169	ng		94
83) Chrysene	13.974	228	164574	19.057	ng		97
85) Di-n-octyl phthalate	14.621	149	191349	21.524	ng	#	49
87) Indeno(1,2,3-cd)pyrene	16.915	276	41470	6.418	ng	#	86
88) Benzo(b)fluoranthene	15.027	252	153943	22.472	ng		96
89) Benzo(k)fluoranthene	15.027	252	153943	23.888	ng		97
90) Benzo(a)pyrene	15.392	252	91326	16.962	ng		97
91) Dibenzo(a,h)anthracene	16.921	278	12972	2.420	ng	#	66
92) Benzo(g,h,i)perylene	17.356	276	45211	8.511	ng	#	92

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

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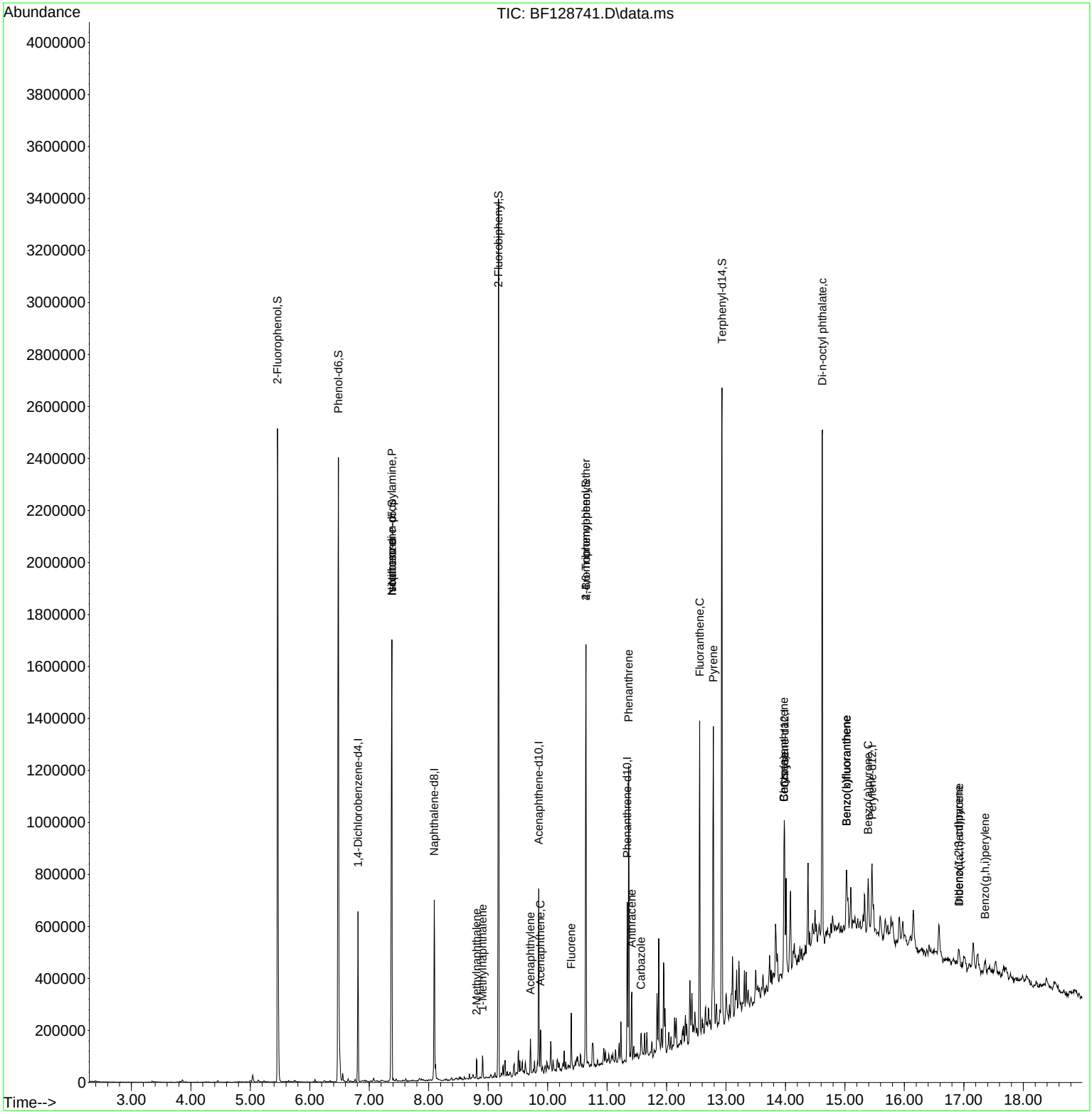
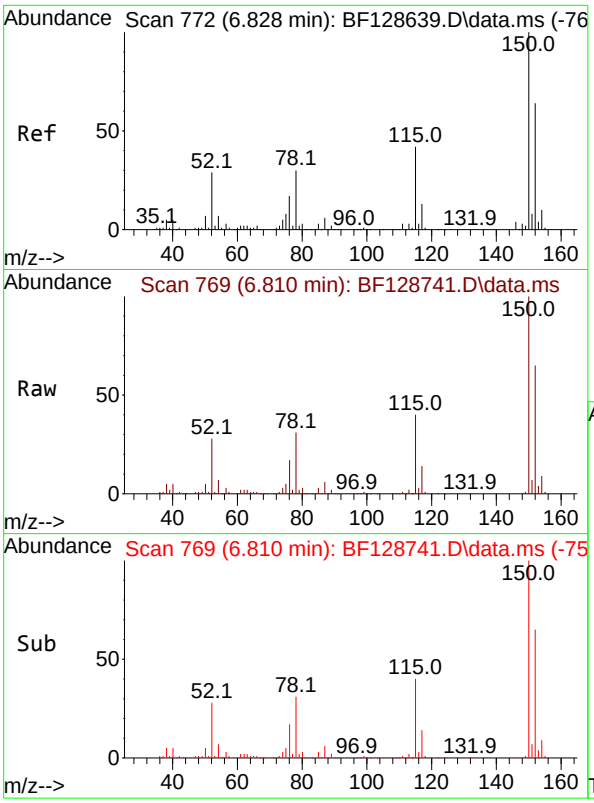


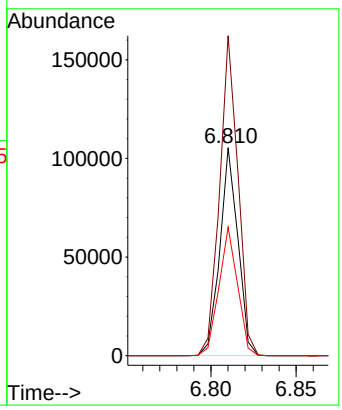


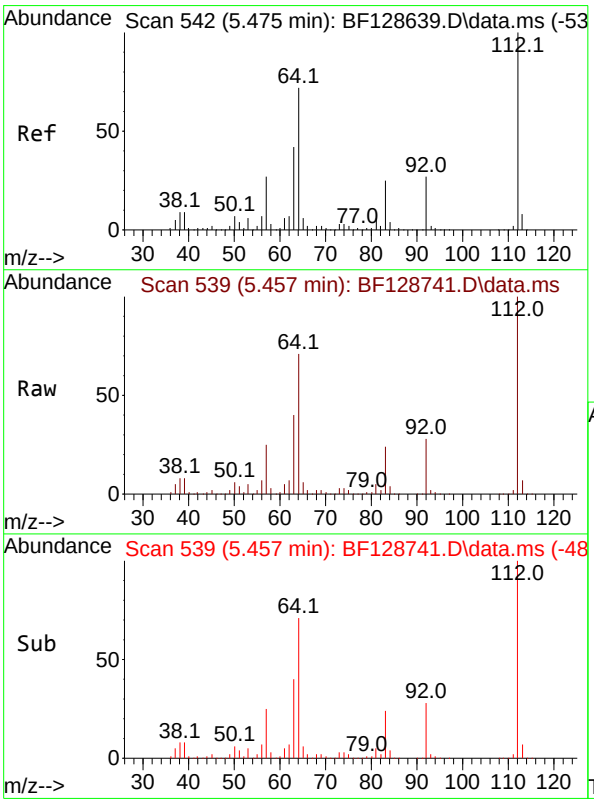
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:152 Resp: 77925

Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.7	185.5
115	61.8	49.9	74.9

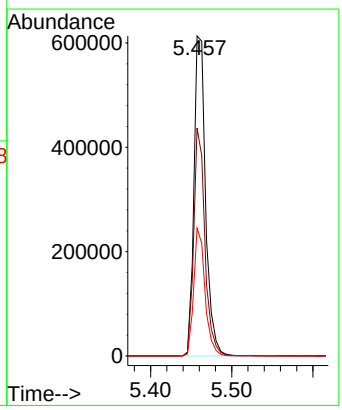


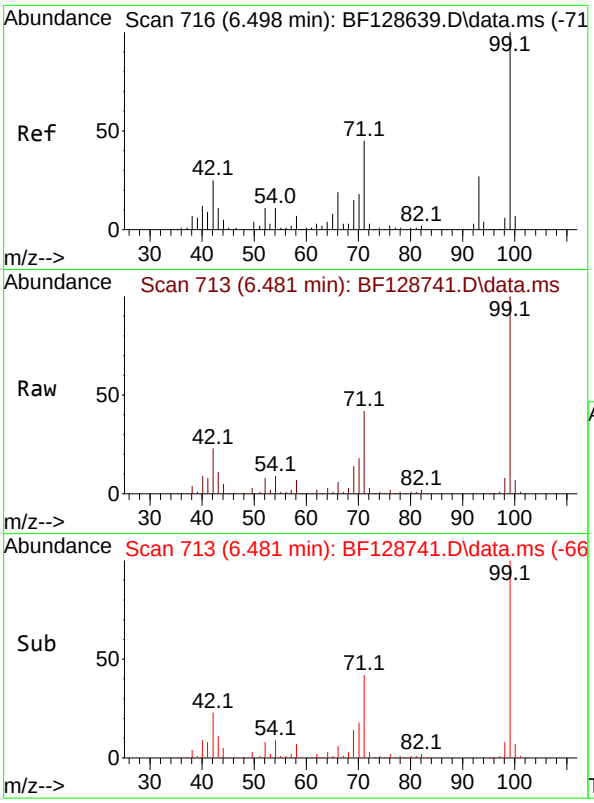


#5
2-Fluorophenol
Concen: 126.401 ng
RT: 5.457 min Scan# 539
Delta R.T. -0.000 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Tgt Ion:112 Resp: 618381

Ion	Ratio	Lower	Upper
112	100		
64	71.2	53.3	79.9
63	39.9	28.0	42.0



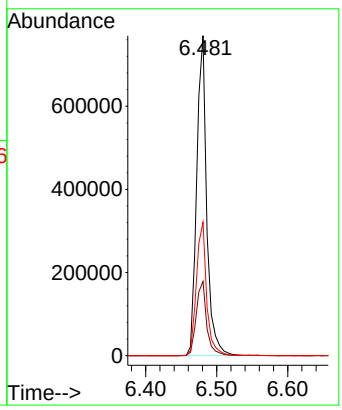


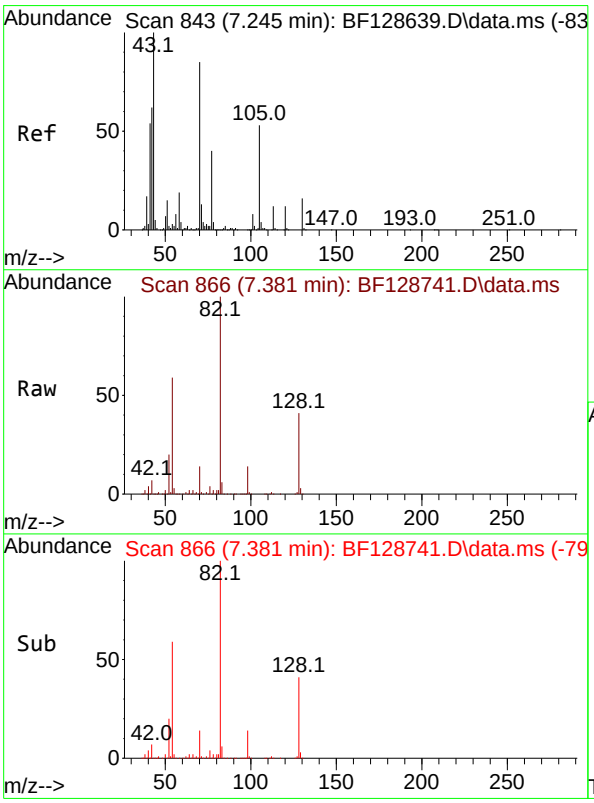
#7
Phenol-d6
Concen: 126.957 ng
RT: 6.481 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion: 99 Resp: 758165

Ion	Ratio	Lower	Upper
99	100		
42	23.2	17.3	25.9
71	41.7	28.9	43.3

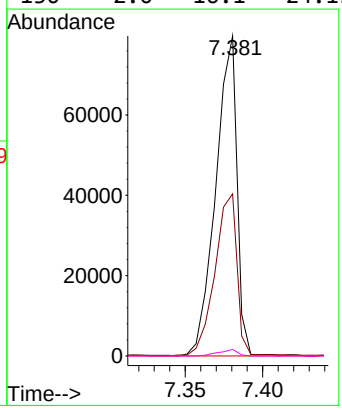


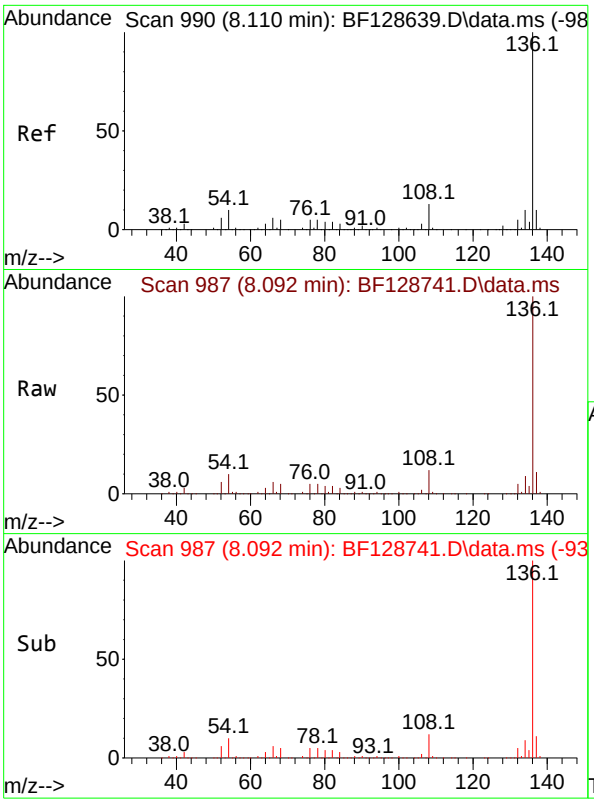


#19
n-Nitroso-di-n-propylamine
Concen: 20.460 ng
RT: 7.381 min Scan# 866
Delta R.T. 0.147 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Tgt Ion: 70 Resp: 75970

Ion	Ratio	Lower	Upper
70	100		
42	50.7	52.3	78.5#
101	0.0	7.5	11.3#
130	2.0	16.1	24.1#



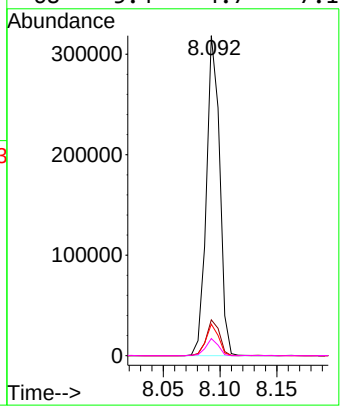


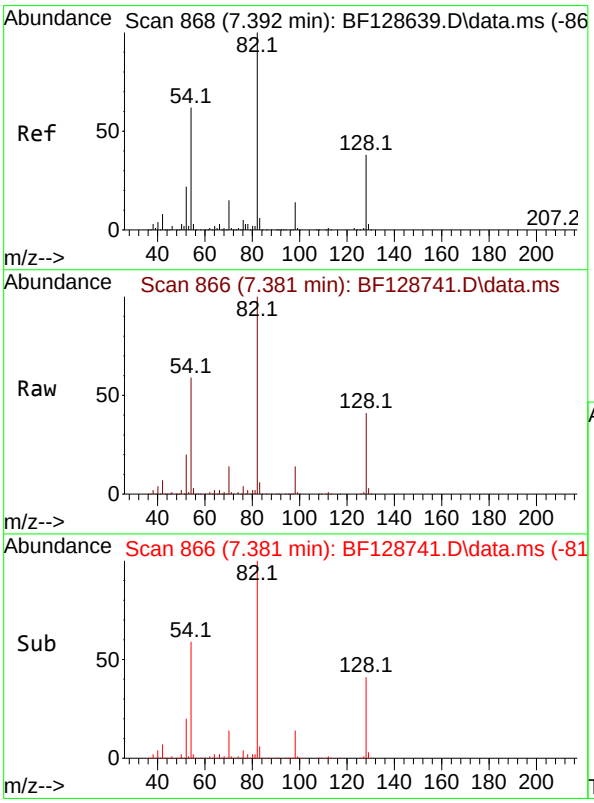
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:136 Resp: 258648

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.8	7.5	11.3
68	5.4	4.7	7.1

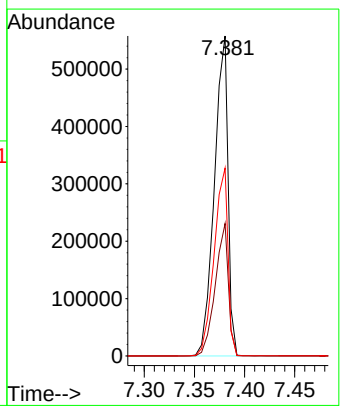


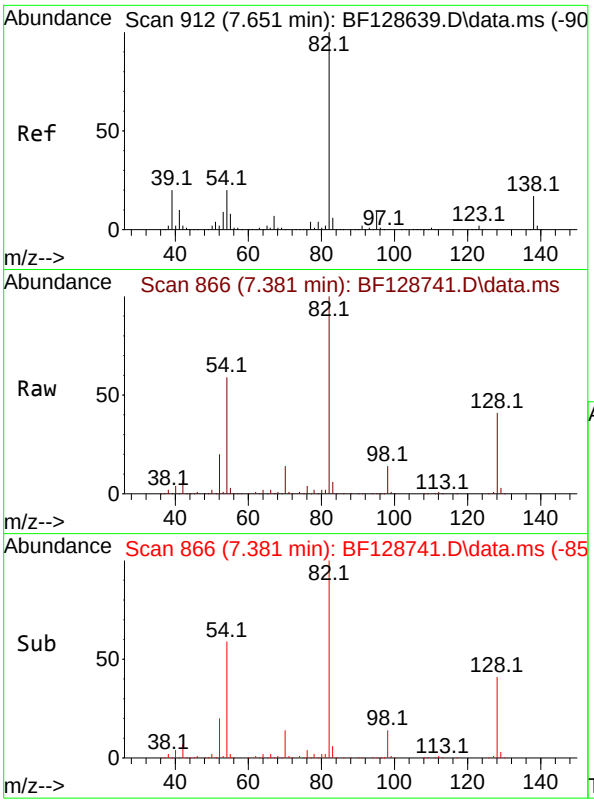


#23
Nitrobenzene-d5
Concen: 95.060 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Tgt Ion: 82 Resp: 528091

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.0	51.0
54	58.7	46.9	70.3



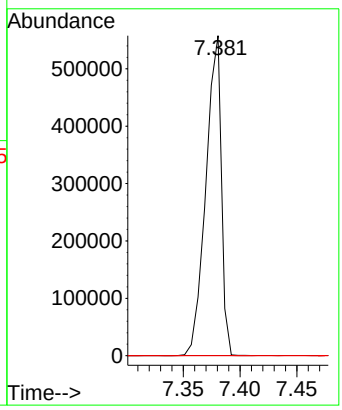


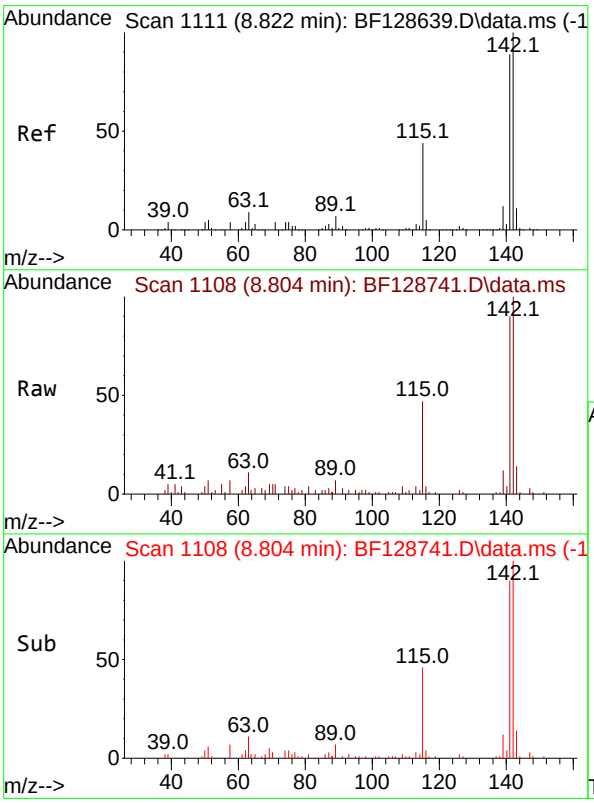
#25
Isophorone
Concen: 62.467 ng
RT: 7.381 min Scan# 8
Delta R.T. -0.259 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion: 82 Resp: 527051

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

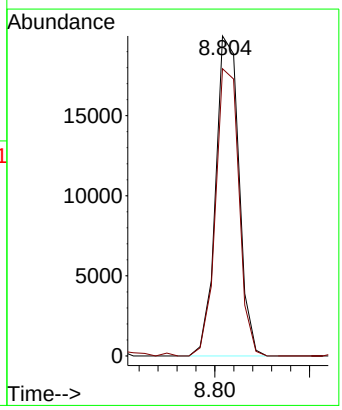


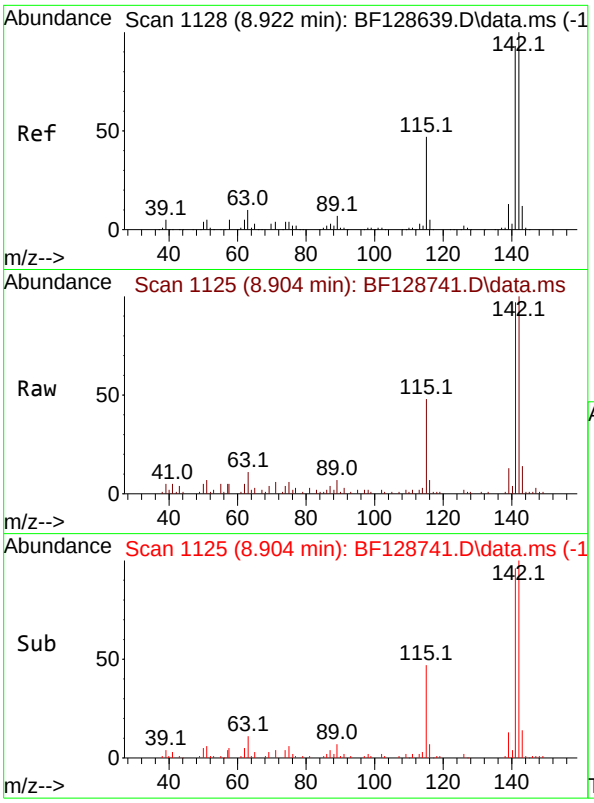


#37
2-Methylnaphthalene
Concen: 2.023 ng
RT: 8.804 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Tgt Ion:142 Resp: 17081

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.4



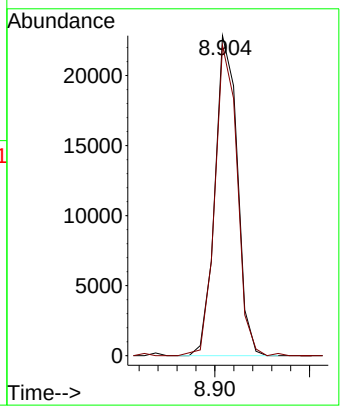


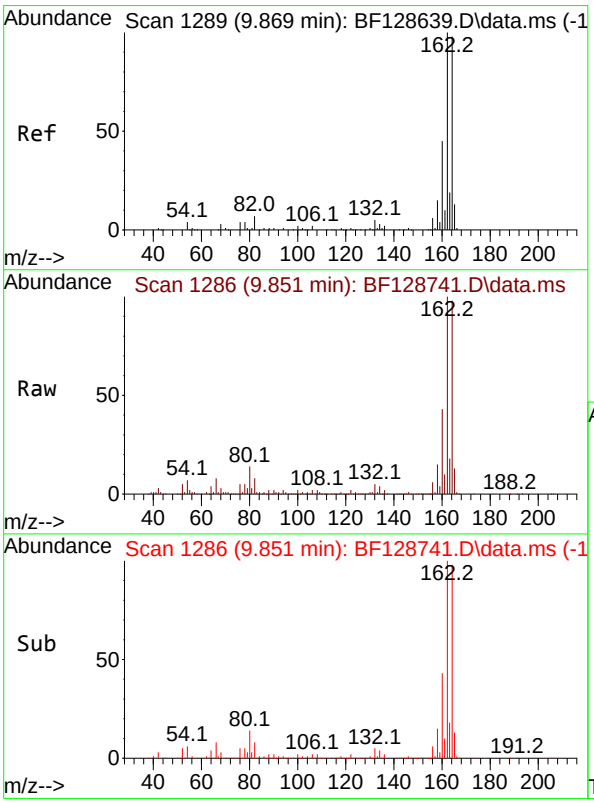
#38
1-Methylnaphthalene
Concen: 2.299 ng
RT: 8.904 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:142 Resp: 18757

Ion	Ratio	Lower	Upper
142	100		
141	97.0	74.2	111.4

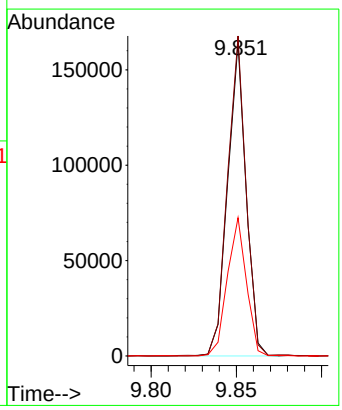


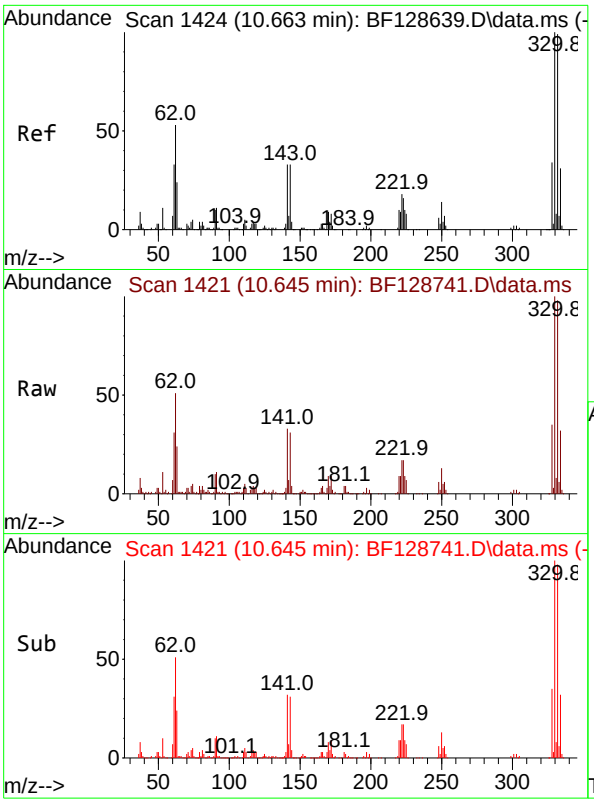


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Tgt Ion:164 Resp: 124212

Ion	Ratio	Lower	Upper
164	100		
162	102.1	79.5	119.3
160	44.1	34.2	51.4



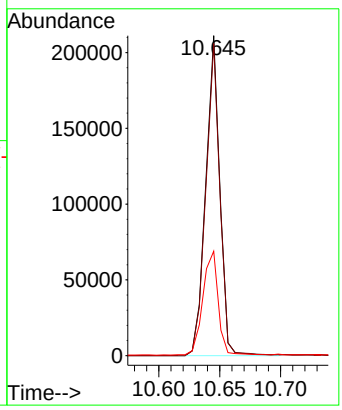


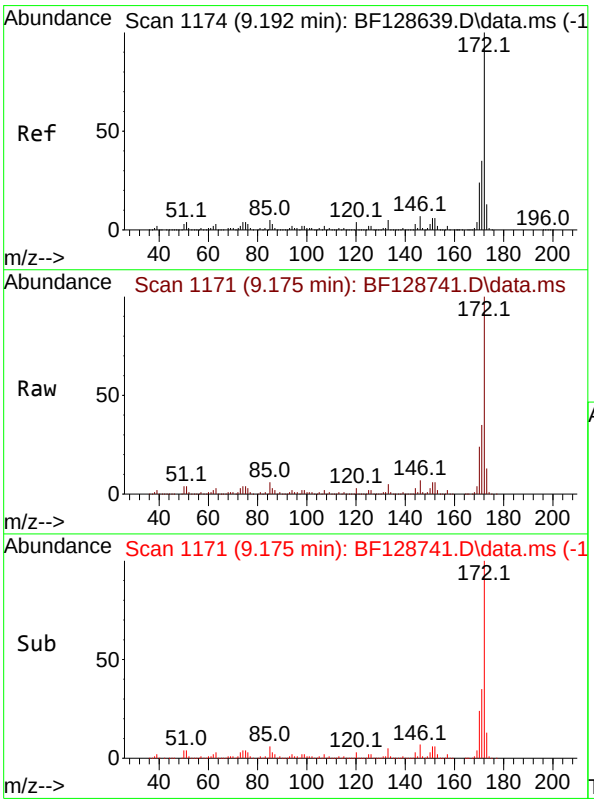
#42
2,4,6-Tribromophenol
Concen: 115.966 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:330 Resp: 170195

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.8	115.2
141	35.4	28.0	42.0

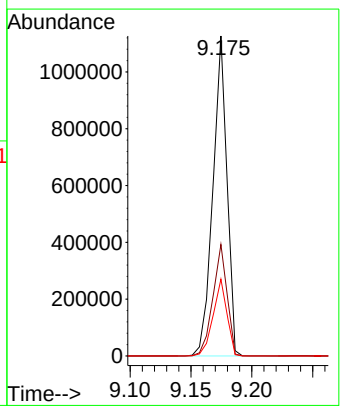


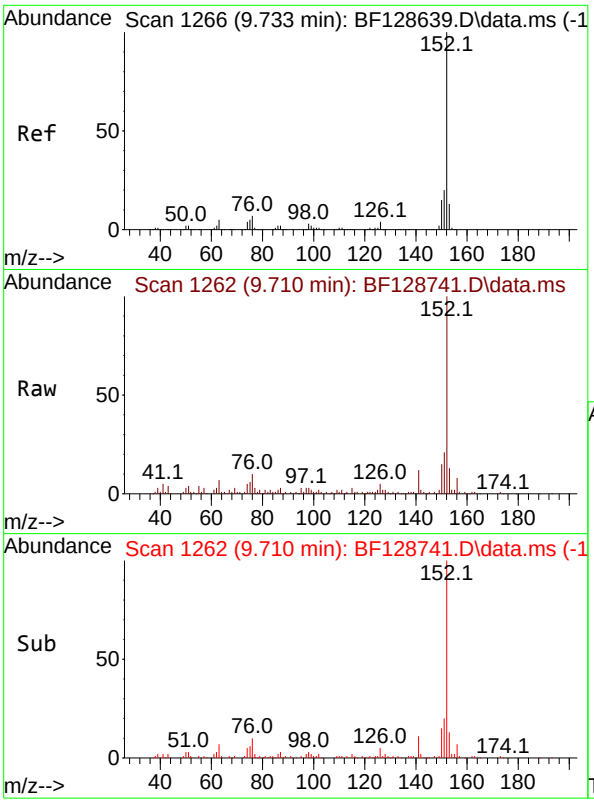


#45
2-Fluorobiphenyl
Concen: 101.925 ng
RT: 9.175 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Tgt Ion:172 Resp: 903788

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.8	43.2
170	24.0	19.8	29.8



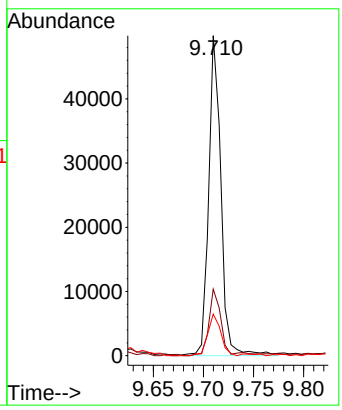


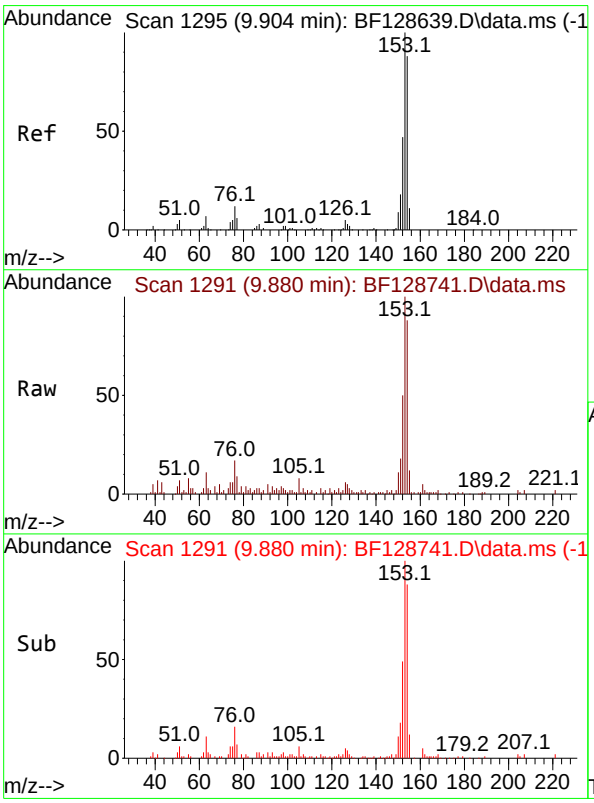
#49
Acenaphthylene
Concen: 3.896 ng
RT: 9.710 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:152 Resp: 42413

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4
153	13.0	10.7	16.1

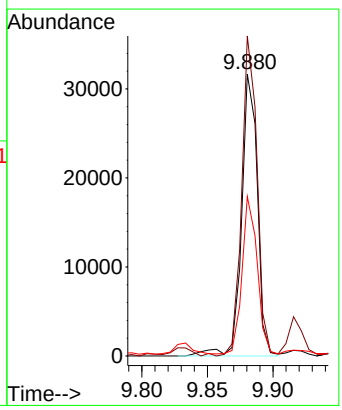


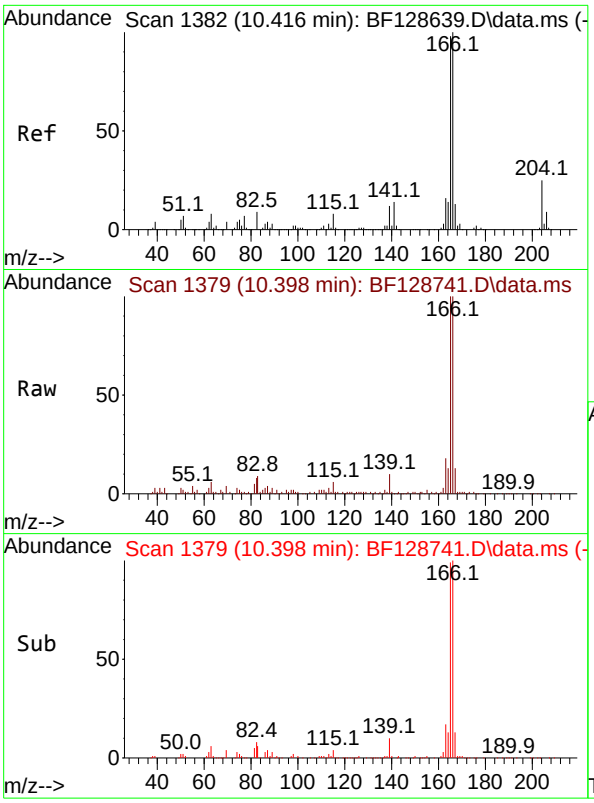


#52
Acenaphthene
Concen: 3.735 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Tgt Ion:154 Resp: 26483

Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.6	134.4
152	56.6	42.4	63.6



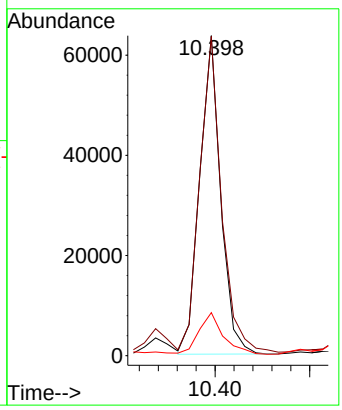


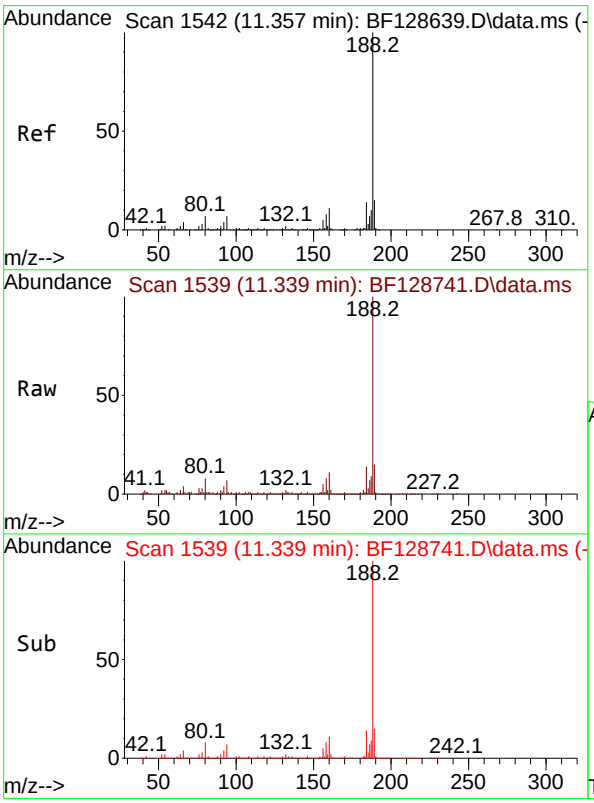
#58
Fluorene
Concen: 6.202 ng
RT: 10.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:166 Resp: 49005

Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.1	117.1
167	13.4	10.5	15.7

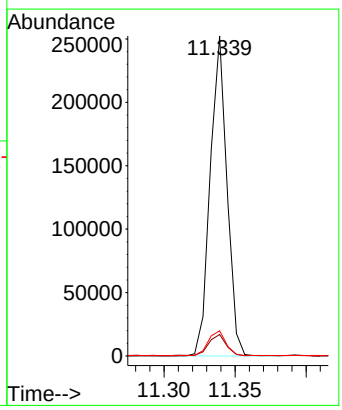


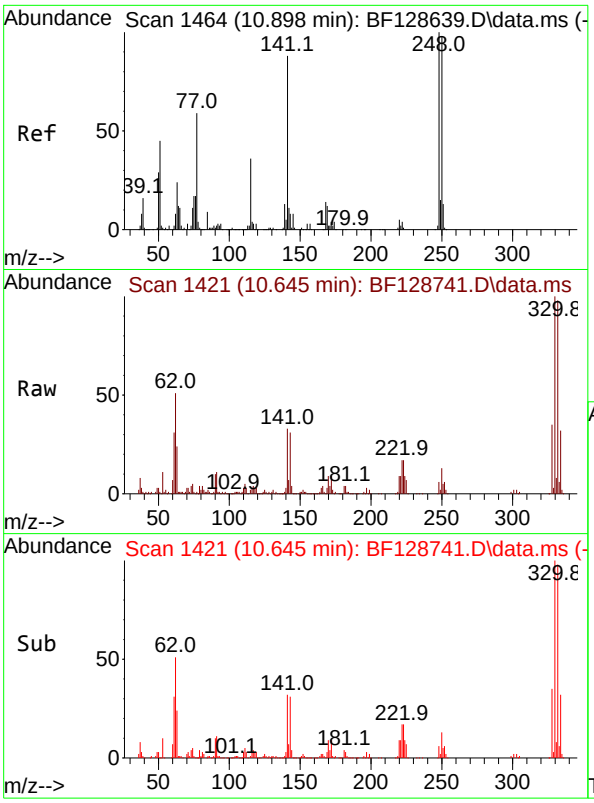


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Tgt Ion:188 Resp: 207014

Ion	Ratio	Lower	Upper
188	100		
94	6.7	7.0	10.6#
80	7.9	7.6	11.4



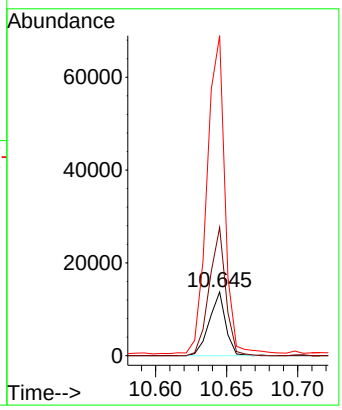


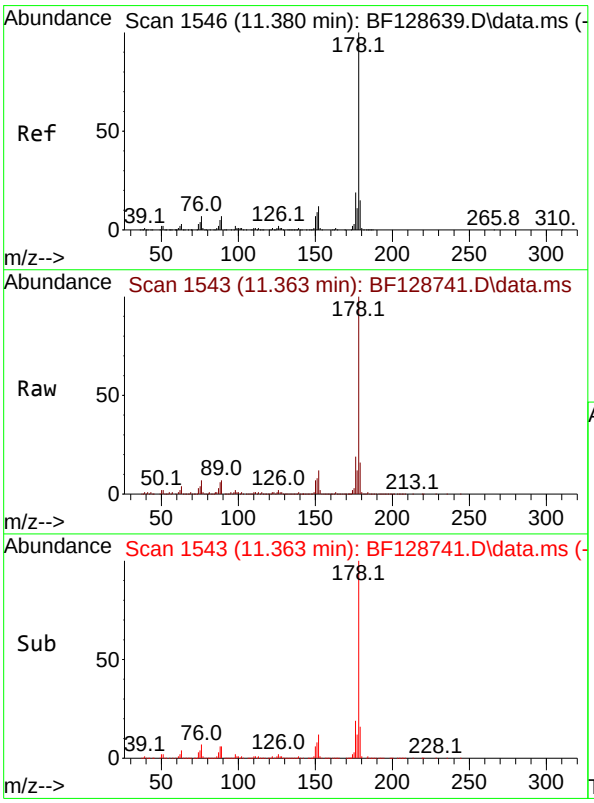
#67
4-Bromophenyl-phenylether
Concen: 4.781 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:248 Resp: 11037

Ion	Ratio	Lower	Upper
248	100		
250	201.3	80.6	120.8#
141	502.8	58.9	88.3#

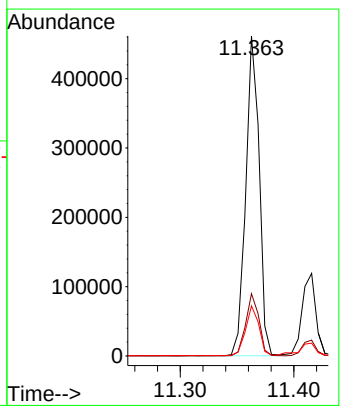


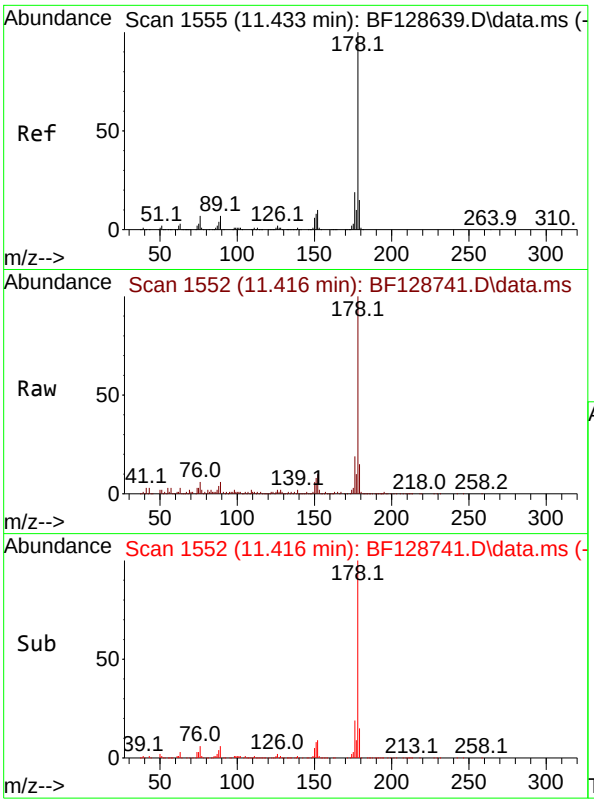


#71
Phenanthrene
Concen: 36.616 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Tgt Ion:178 Resp: 380194

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.7	12.6	19.0



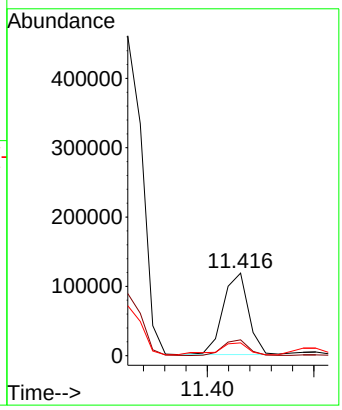


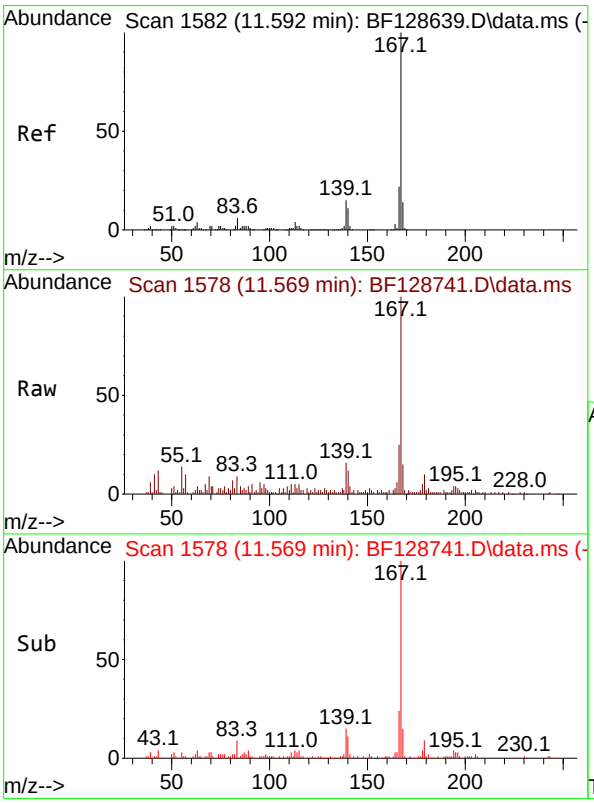
#72
Anthracene
Concen: 9.497 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:178 Resp: 97605

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.4	12.6	19.0

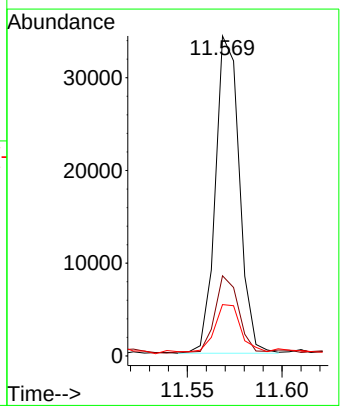


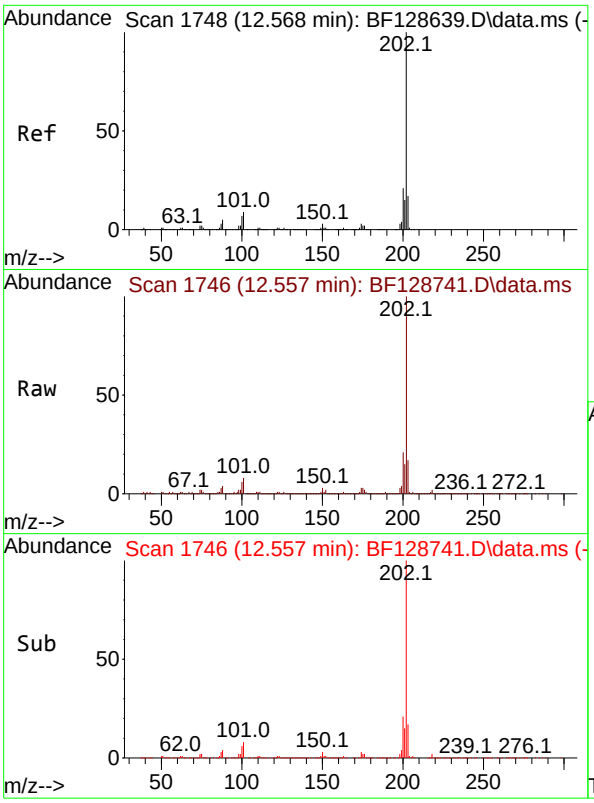


#73
Carbazole
Concen: 3.156 ng
RT: 11.569 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Tgt Ion:167 Resp: 30128

Ion	Ratio	Lower	Upper
167	100		
166	25.1	17.7	26.5
139	16.0	11.2	16.8



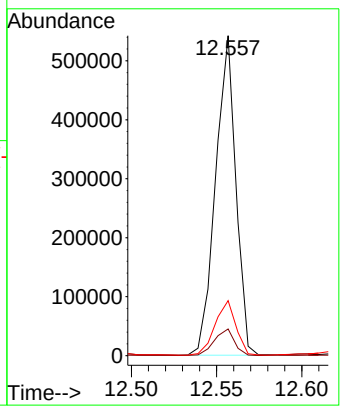


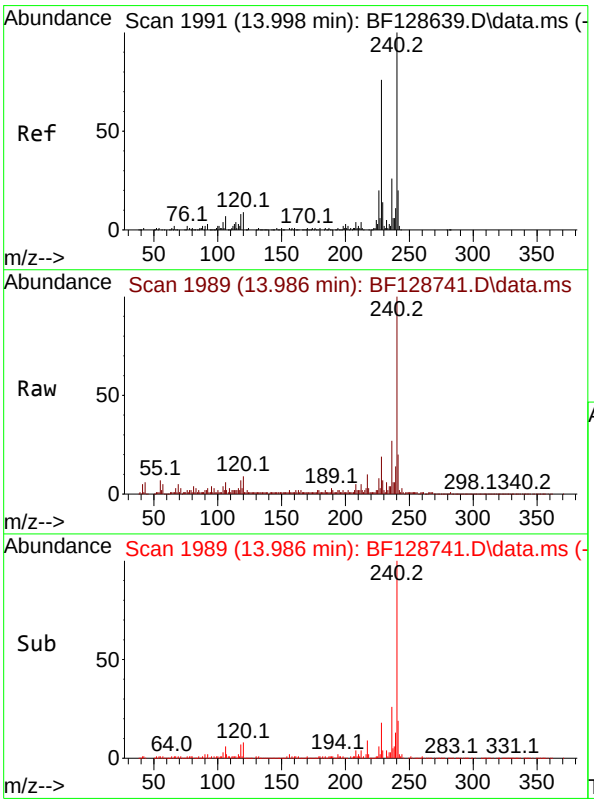
#75
Fluoranthene
Concen: 41.370 ng
RT: 12.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:202 Resp: 449019

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	31.4
203	17.2	0.0	38.0

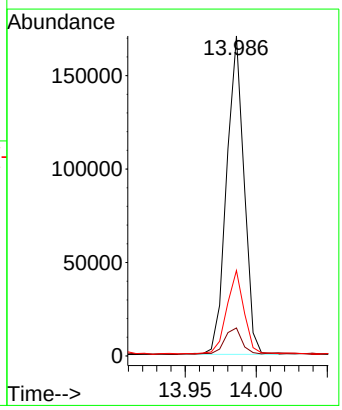


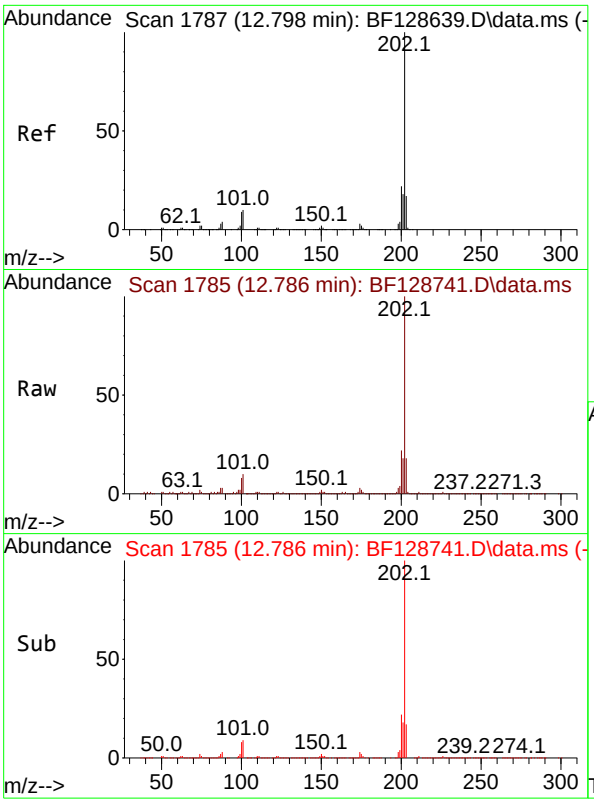


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Tgt Ion:240 Resp: 145316

Ion	Ratio	Lower	Upper
240	100		
120	8.8	8.9	13.3#
236	26.7	20.8	31.2



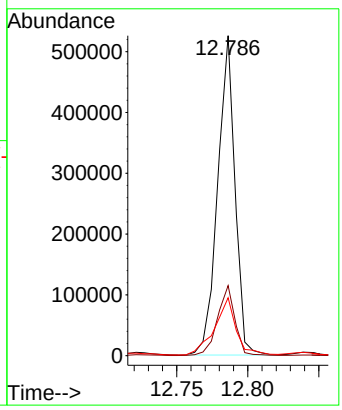


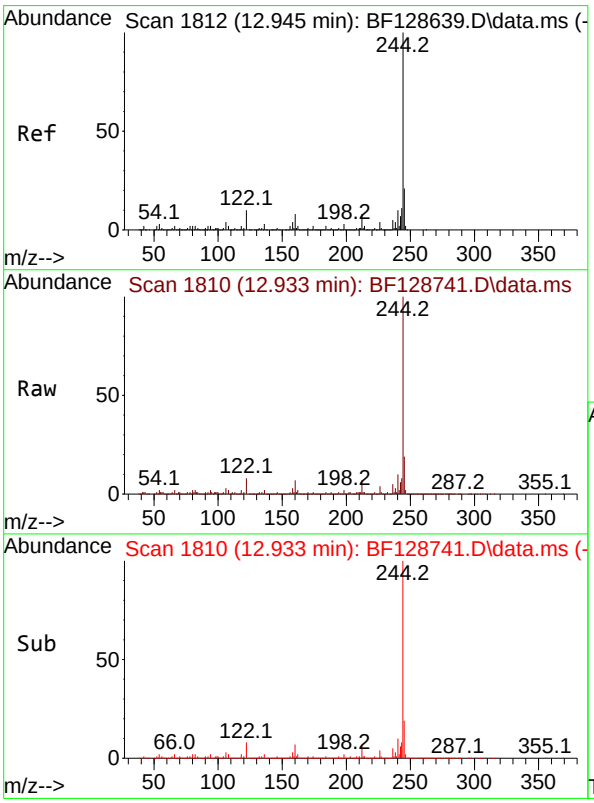
#78
Pyrene
Concen: 41.171 ng
RT: 12.786 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:202 Resp: 445123

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.1	14.6	21.8

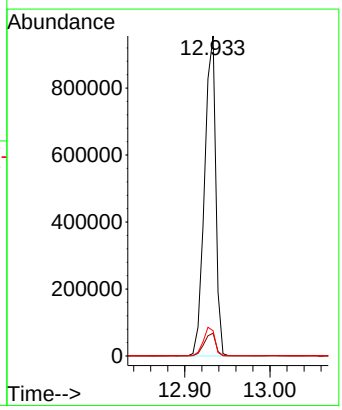


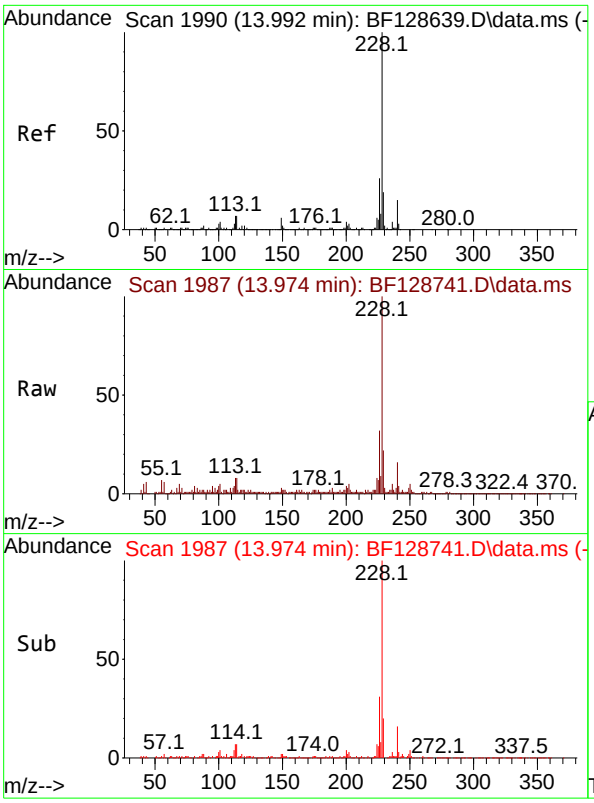


#79
Terphenyl-d14
Concen: 104.220 ng
RT: 12.933 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Tgt Ion:244 Resp: 871576

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	7.9	8.8	13.2#



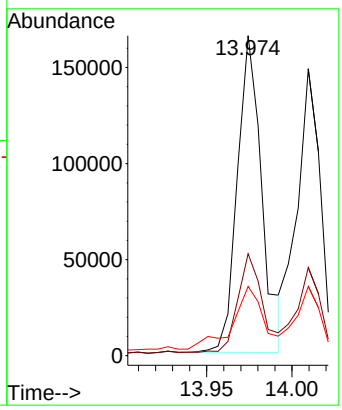


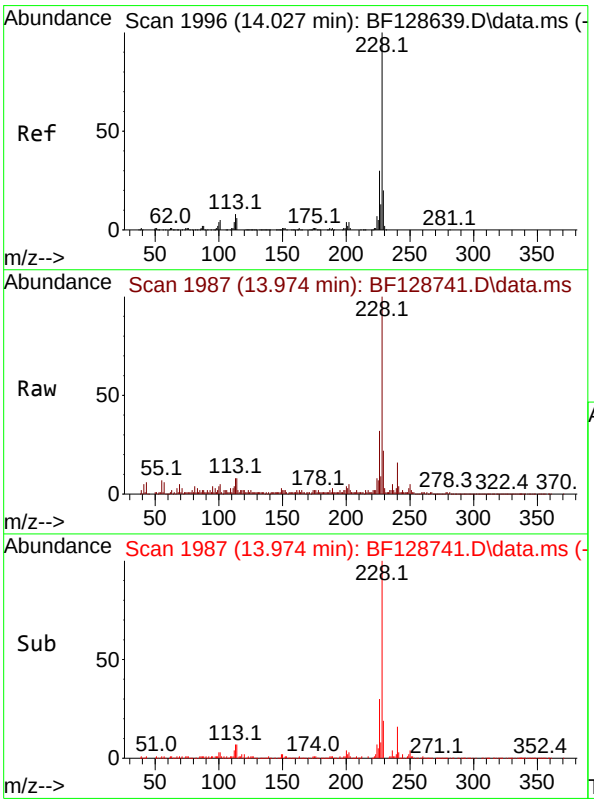
#81
Benzo(a)anthracene
Concen: 18.169 ng
RT: 13.974 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:228 Resp: 164574

Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.1	33.1
229	21.7	15.8	23.8

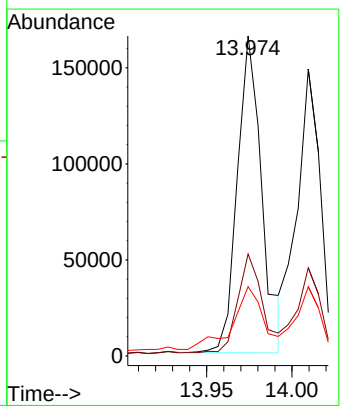


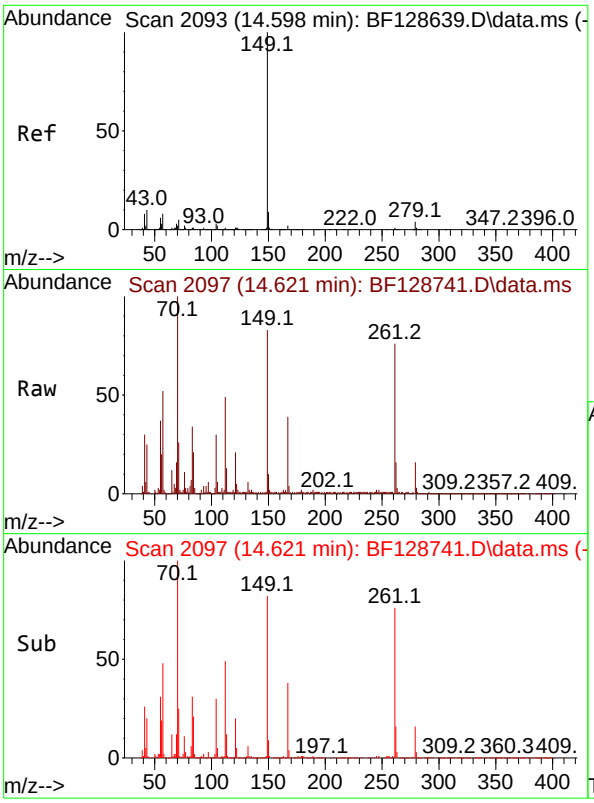


#83
Chrysene
Concen: 19.057 ng
RT: 13.974 min Scan# 1987
Delta R.T. -0.042 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Tgt Ion:228 Resp: 164574

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.3	36.5
229	21.7	15.9	23.9



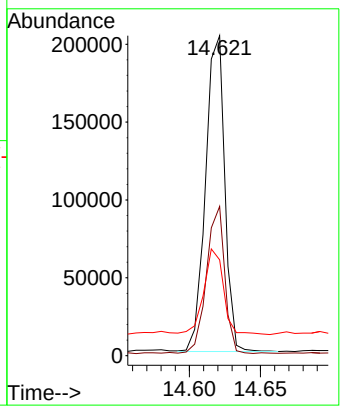


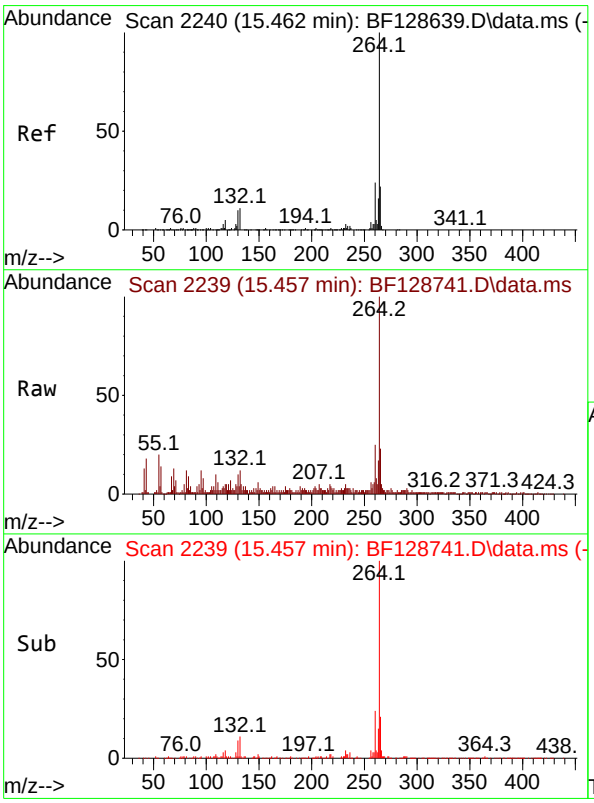
#85
Di-n-octyl phthalate
Concen: 21.524 ng
RT: 14.621 min Scan# 2
Delta R.T. 0.041 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:149 Resp: 191349

Ion	Ratio	Lower	Upper
149	100		
167	44.2	1.3	1.9#
43	27.6	9.2	13.8#

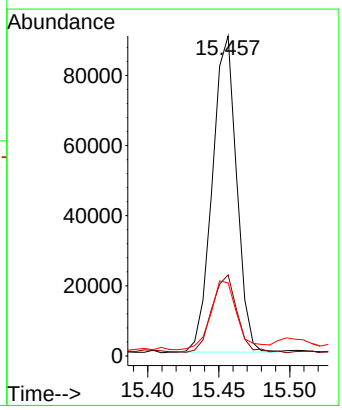


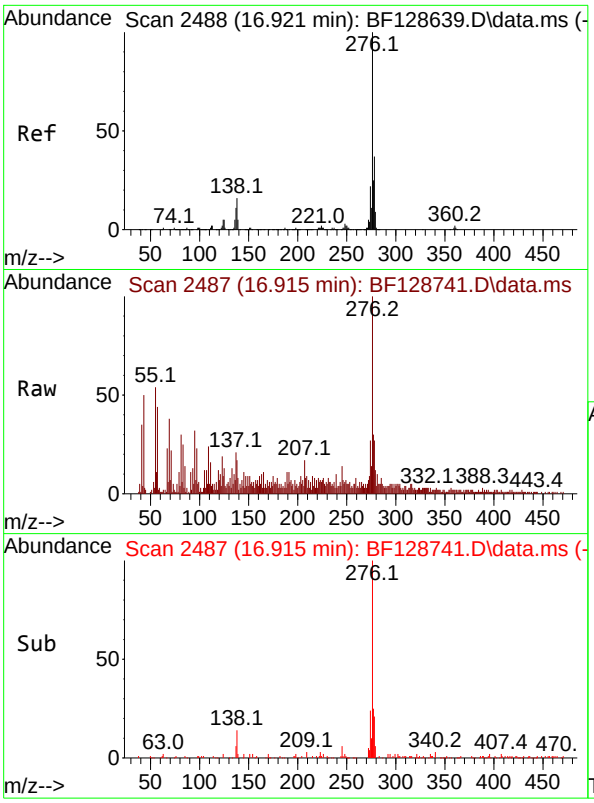


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2239
Delta R.T. 0.011 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Tgt Ion:264 Resp: 107209

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.4	27.6
265	22.8	17.2	25.8



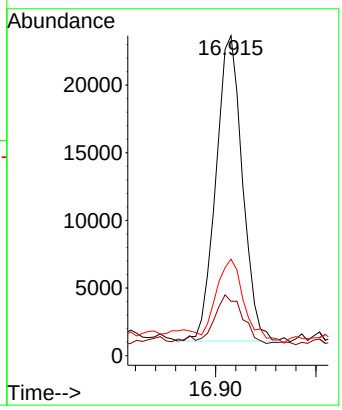


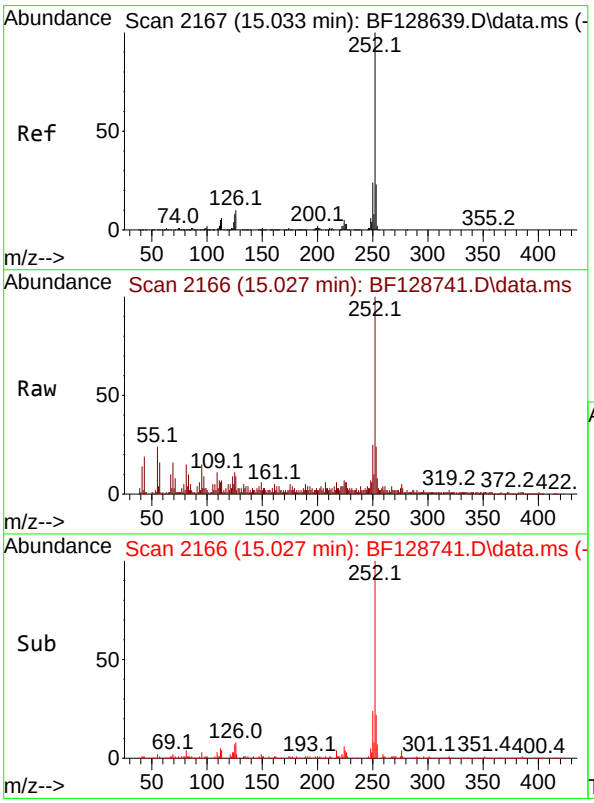
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.418 ng
RT: 16.915 min Scan# 24
Delta R.T. 0.017 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:276 Resp: 41470

Ion	Ratio	Lower	Upper
276	100		
138	16.6	21.1	31.7#
277	29.3	20.3	30.5

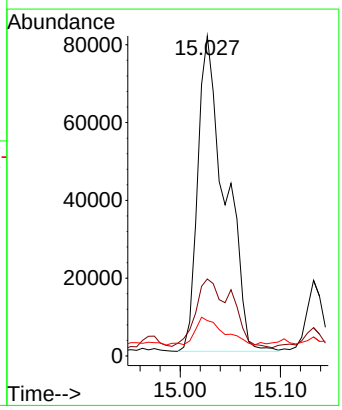


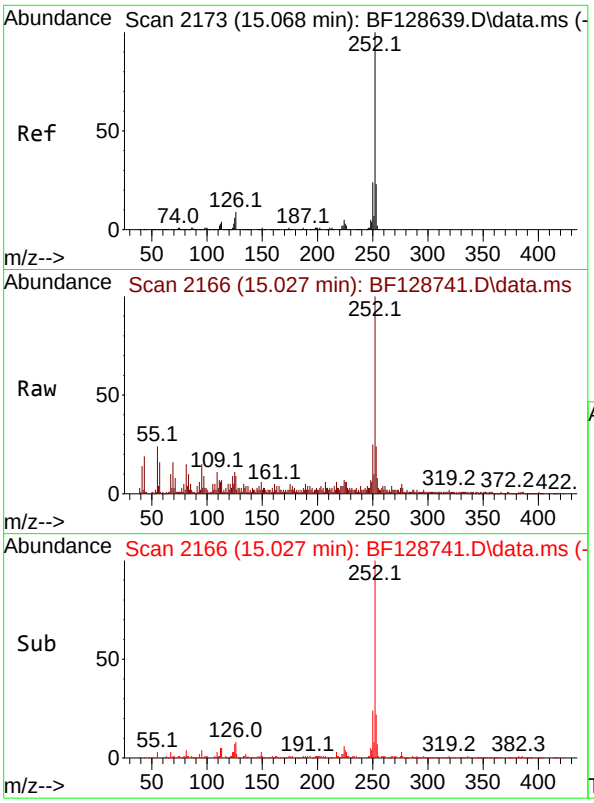


#88
Benzo(b)fluoranthene
Concen: 22.472 ng
RT: 15.027 min Scan# 2166
Delta R.T. 0.006 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Tgt Ion:252 Resp: 153943

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	11.0	8.0	12.0



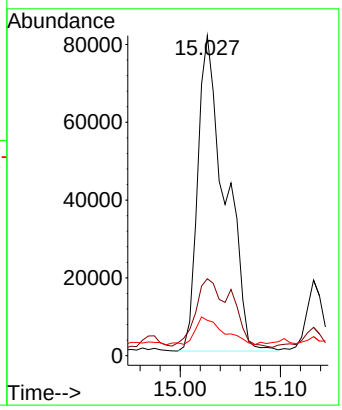


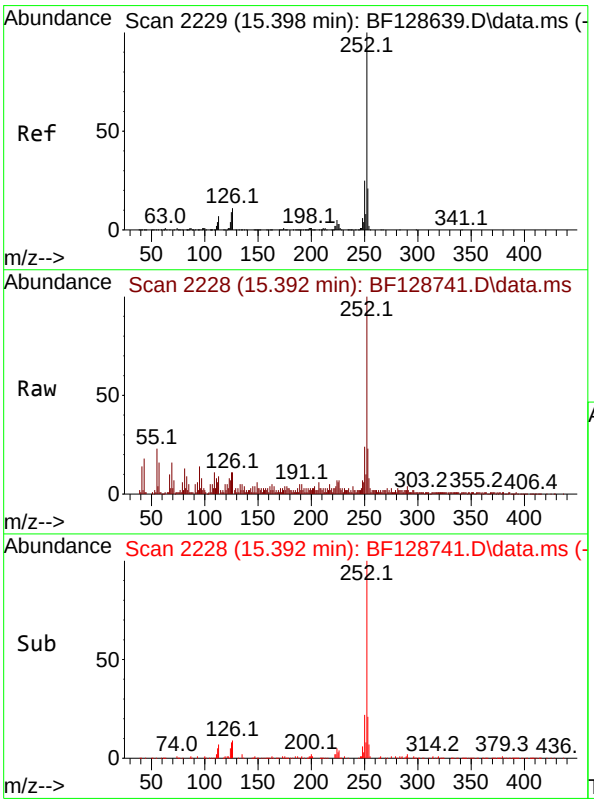
#89
Benzo(k)fluoranthene
Concen: 23.888 ng
RT: 15.027 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:252 Resp: 153943

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	11.0	8.3	12.5

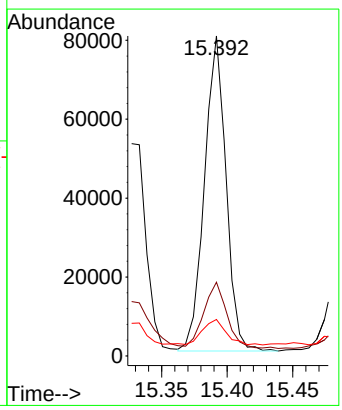


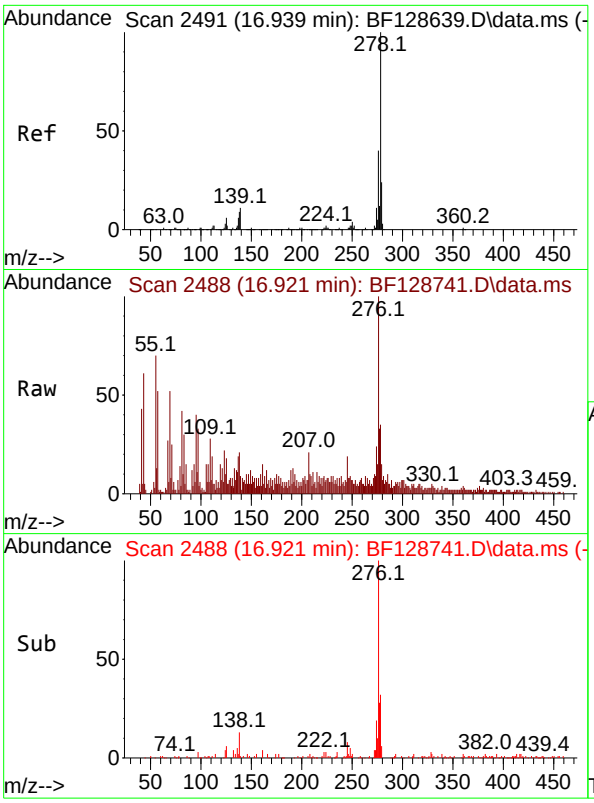


#90
Benzo(a)pyrene
Concen: 16.962 ng
RT: 15.392 min Scan# 2228
Delta R.T. 0.006 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Tgt Ion:252 Resp: 91326

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	11.4	8.8	13.2



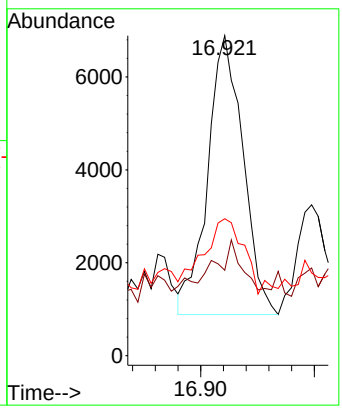


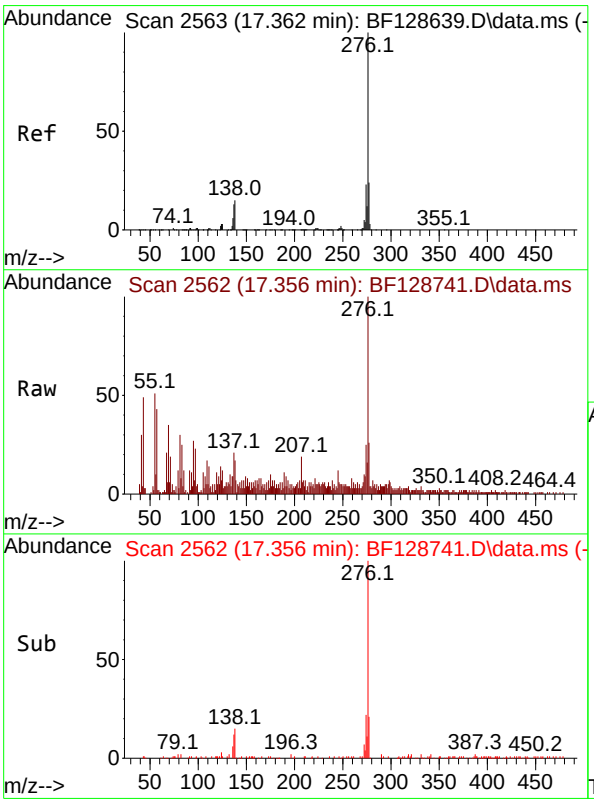
#91
Dibenzo(a,h)anthracene
Concen: 2.420 ng
RT: 16.921 min Scan# 24
Delta R.T. 0.006 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:278 Resp: 12972

Ion	Ratio	Lower	Upper
278	100		
139	26.7	12.8	19.2#
279	42.8	18.6	28.0#





#92
Benzo(g,h,i)perylene
Concen: 8.511 ng
RT: 17.356 min Scan# 2562
Delta R.T. 0.017 min
Lab File: BF128741.D
Acq: 08 Jun 2022 18:10

Tgt Ion:276 Resp: 45211

Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.1	28.7
138	17.2	18.0	27.0#