Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128727.D
Acq On : 07 Jun 2022 20:45
Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Quant Time: Jun 08 00:27:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 17:07:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	80018	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	237893	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	114635	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	202291	20.000	ng	0.00
76) Chrysene-d12	14.004	240	152610	20.000	ng	# 0.00
86) Perylene-d12	15.480	264	106927	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	648968	129.183	ng	0.00
7) Phenol-d6	6.492	99	788592	128.598	ng	0.00
23) Nitrobenzene-d5	7.392	82	482007	94.335	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	163033	120.367	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	830759	101.516	ng	0.00
79) Terphenyl-d14	12.945	244	858938	97.800	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	70691	18.541	ng	# 76
25) Isophorone	7.392	82	479425	61.779	ng	# 65
37) 2-Methylnaphthalene	8.822	142	15985	2.058	ng	97
38) 1-Methylnaphthalene	8.922	142	17323	2.309	ng	100
49) Acenaphthylene	9.728	152	43753	4.354	ng	98
52) Acenaphthene	9.898	154	23313	3.563	ng	90
55) Dibenzofuran	10.069	168	25262	2.686	ng	# 80
58) Fluorene	10.410	166	45335	6.216	ng	97
67) 4-Bromophenyl-phenylether	10.657	248	10288	4.560	ng	# 1
71) Phenanthrene	11.380	178	361631	35.641	ng	98
72) Anthracene	11.427	178	101539	10.111	ng	98
73) Carbazole	11.586	167	31102	3.334	ng	98
75) Fluoranthene	12.574	202	445483	42.002	ng	96
78) Pyrene	12.804	202	447577	39.420	ng	99
81) Benzo(a)anthracene	13.992	228	168487	17.712	ng	92
83) Chrysene	14.027	228	144838	15.970	ng	97
85) Di-n-octyl phthalate	14.639	149	192734	20.644	ng	# 44
87) Indeno(1,2,3-cd)pyrene	16.945	276	43244	6.710	ng	# 91
88) Benzo(b)fluoranthene	15.045	252	151063	22.109	ng	# 92
89) Benzo(k)fluoranthene	15.045	252	151063	23.503	ng	# 92
90) Benzo(a)pyrene	15.415	252	90497	16.852	ng	95
91) Dibenzo(a,h)anthracene	16.962	278	14461	2.705	ng	# 58
92) Benzo(g,h,i)perylene	17.398	276	45439	8.576	ng	# 93

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

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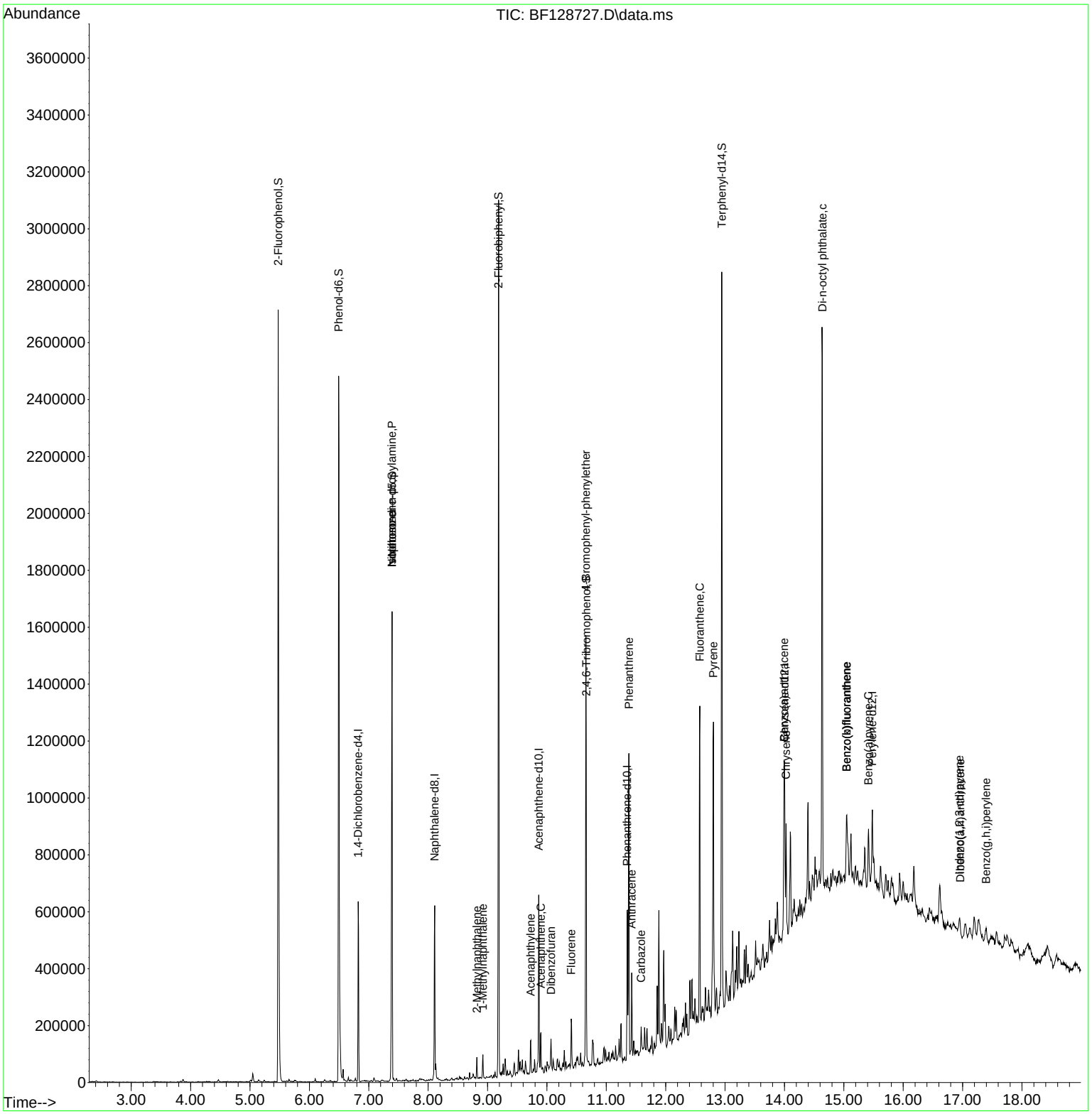
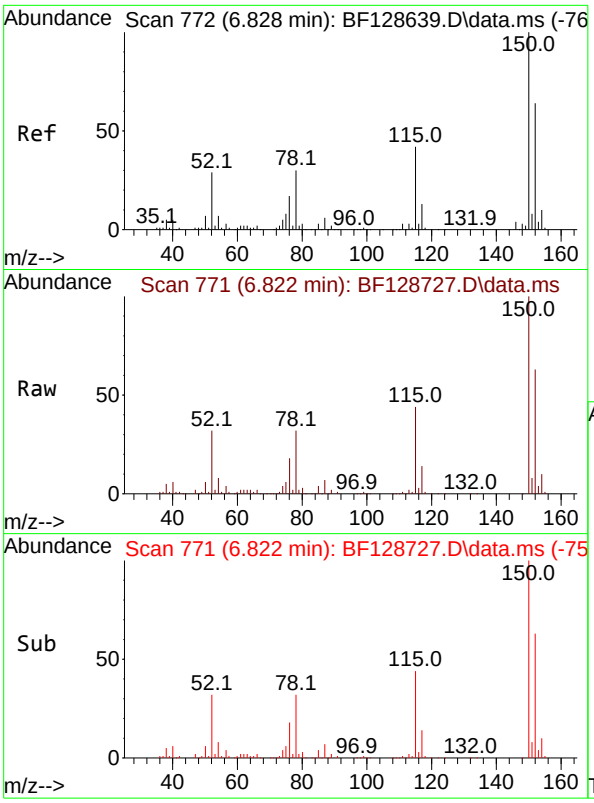


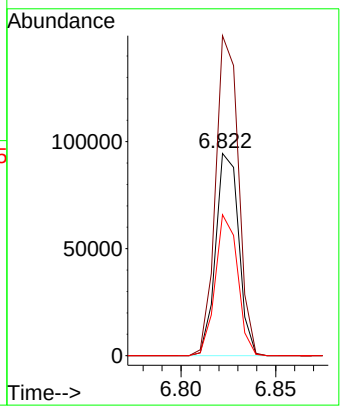


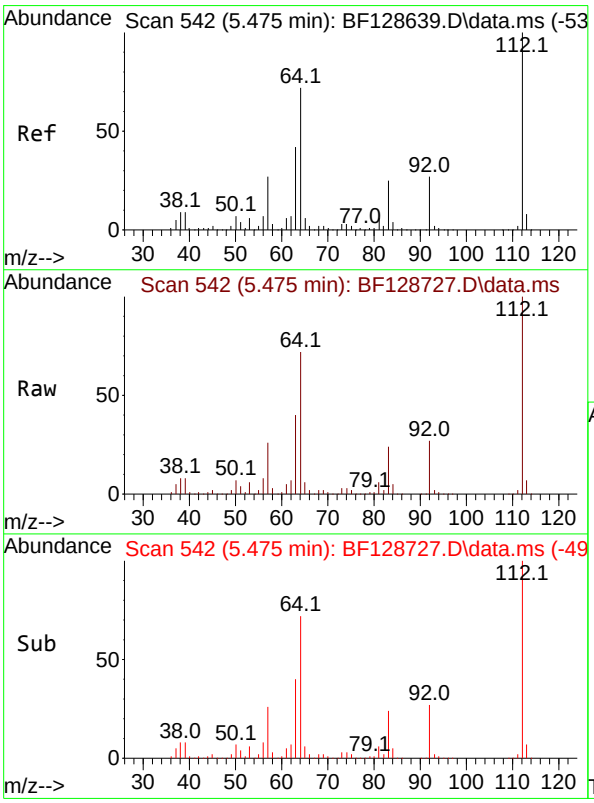
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:152 Resp: 80018

Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.7	185.5
115	69.7	49.9	74.9

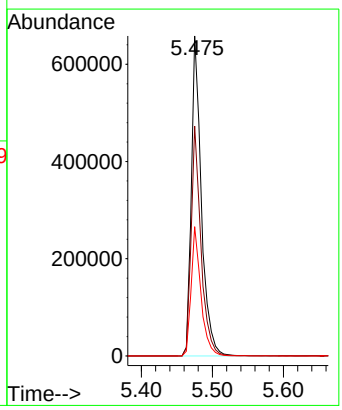


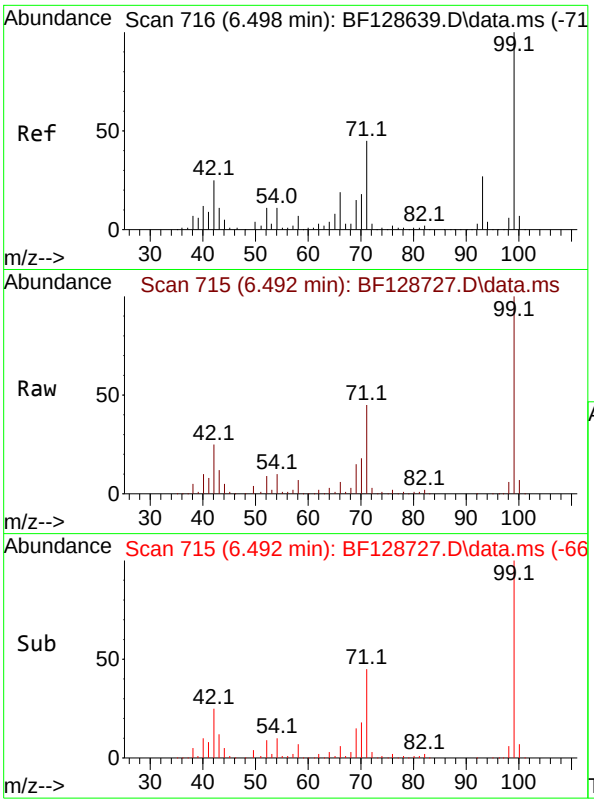


#5
2-Fluorophenol
Concen: 129.183 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Tgt Ion:112 Resp: 648968

Ion	Ratio	Lower	Upper
112	100		
64	71.9	53.3	79.9
63	40.4	28.0	42.0



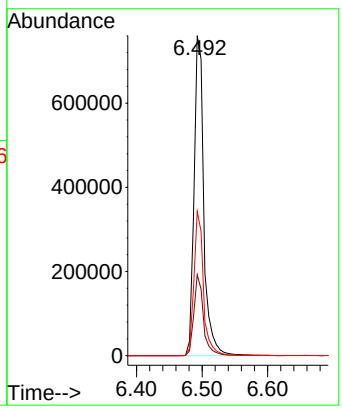


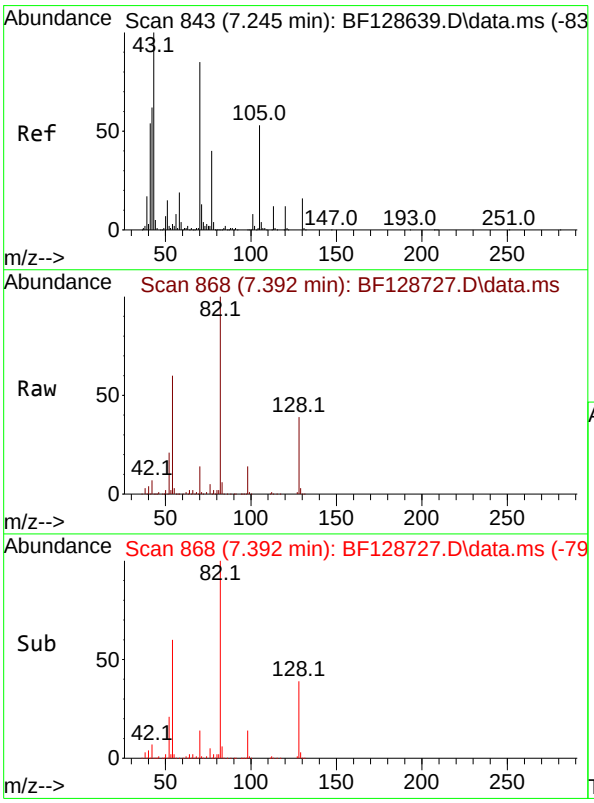
#7
Phenol-d6
Concen: 128.598 ng
RT: 6.492 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion: 99 Resp: 788592

Ion	Ratio	Lower	Upper
99	100		
42	25.3	17.3	25.9
71	45.1	28.9	43.3#

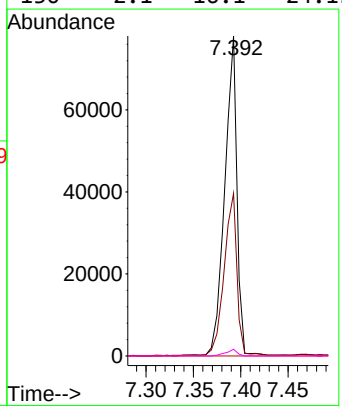


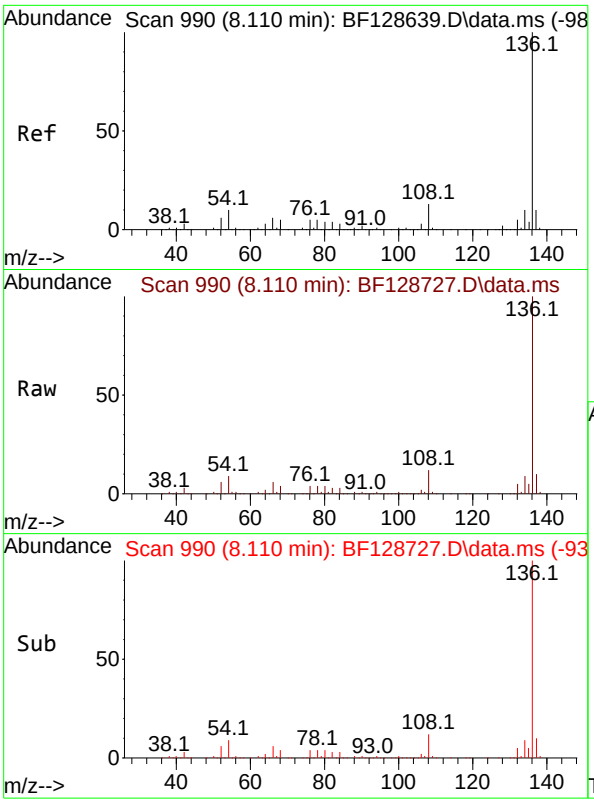


#19
n-Nitroso-di-n-propylamine
Concen: 18.541 ng
RT: 7.392 min Scan# 868
Delta R.T. 0.147 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Tgt Ion: 70 Resp: 70691

Ion	Ratio	Lower	Upper
70	100		
42	50.8	52.3	78.5#
101	0.0	7.5	11.3#
130	2.1	16.1	24.1#



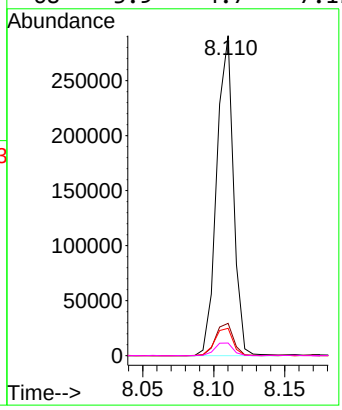


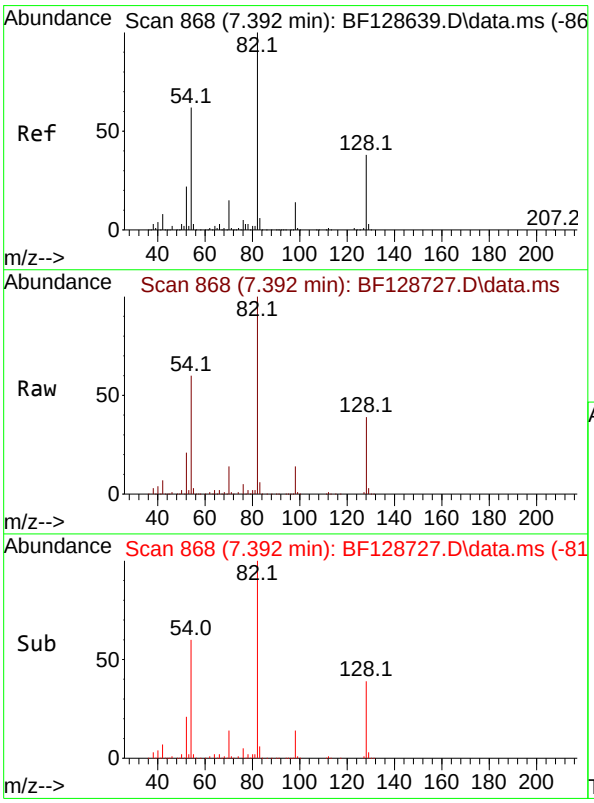
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:136 Resp: 237893

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.8	13.2
54	8.6	7.5	11.3
68	3.9	4.7	7.1#

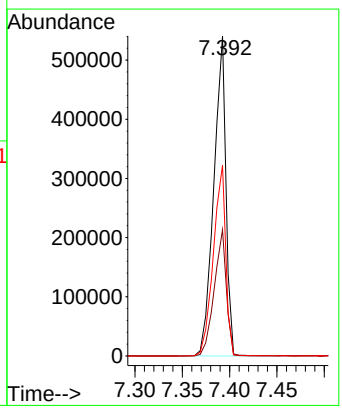


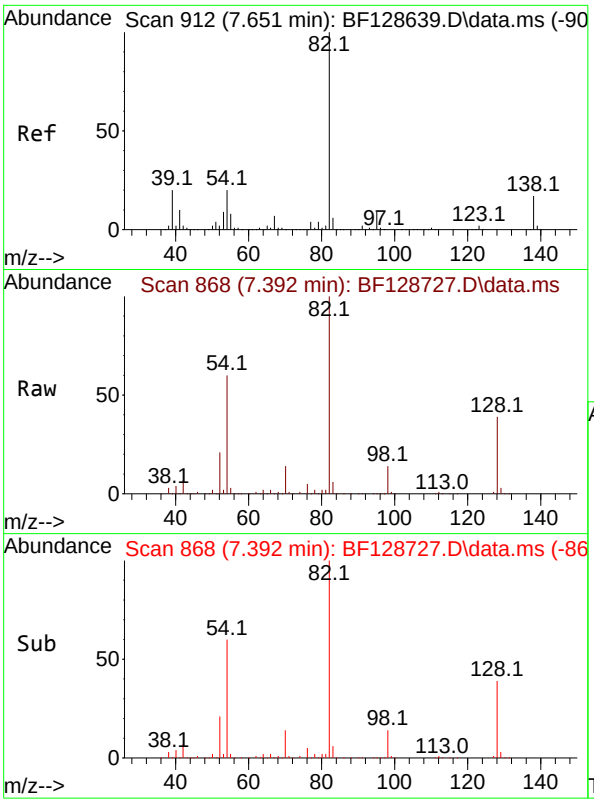


#23
Nitrobenzene-d5
Concen: 94.335 ng
RT: 7.392 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Tgt Ion: 82 Resp: 482007

Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.0	51.0
54	59.6	46.9	70.3



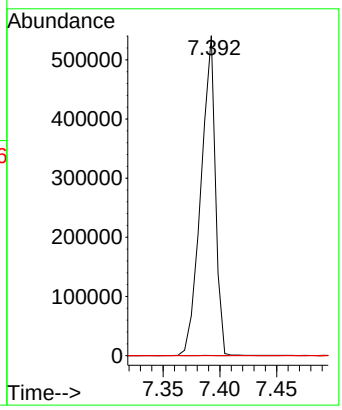


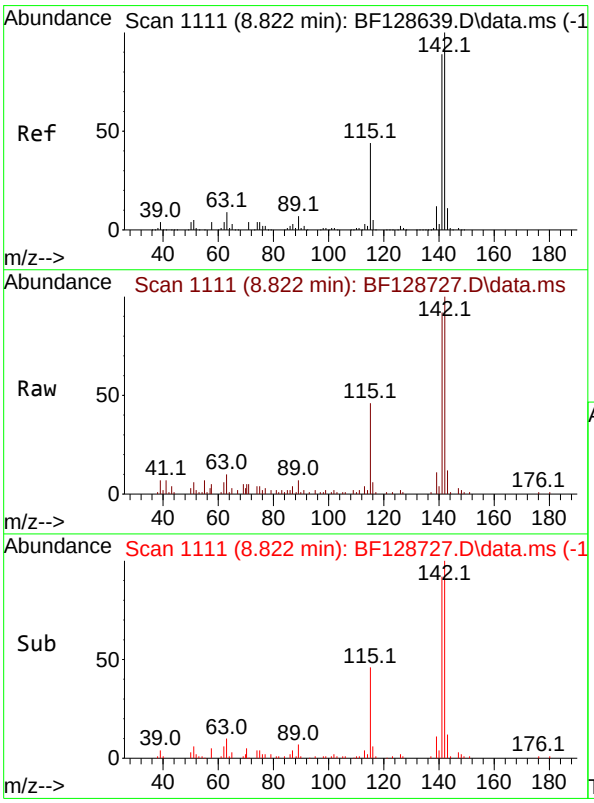
#25
Isophorone
Concen: 61.779 ng
RT: 7.392 min Scan# 8
Delta R.T. -0.259 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion: 82 Resp: 479425

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

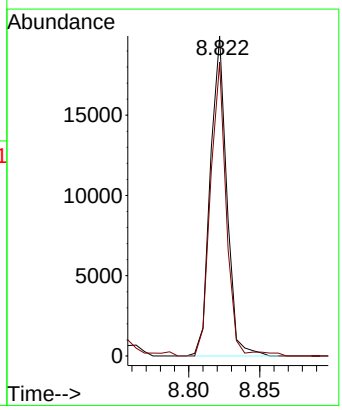


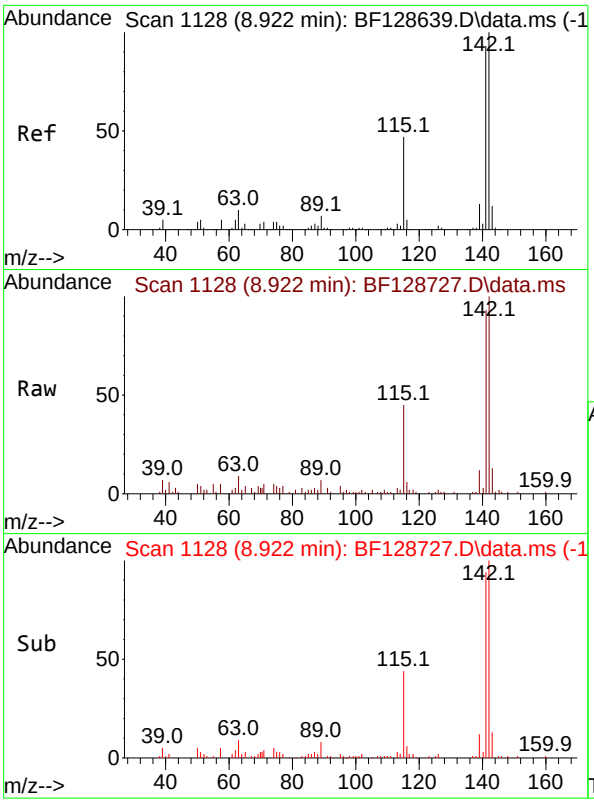


#37
2-Methylnaphthalene
Concen: 2.058 ng
RT: 8.822 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Tgt Ion:142 Resp: 15985

Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.0	106.4



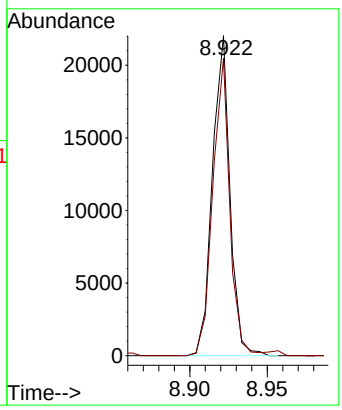


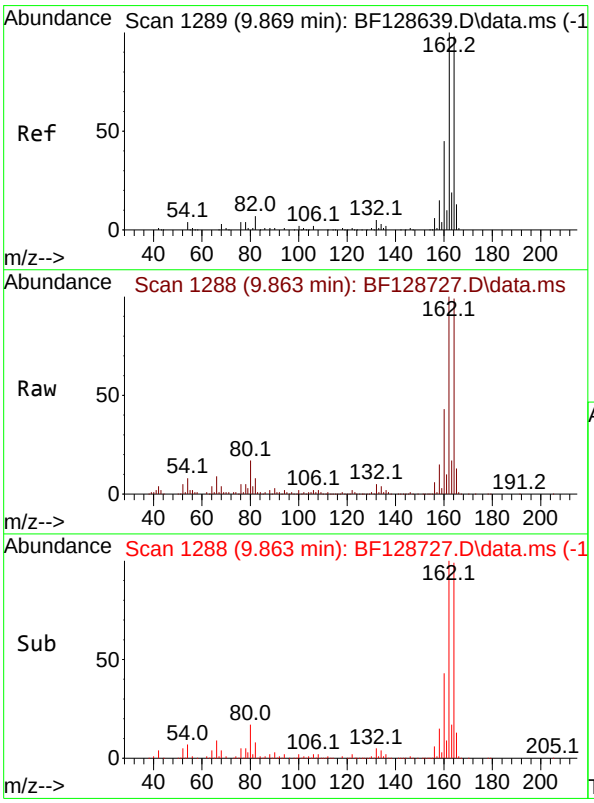
#38
1-Methylnaphthalene
Concen: 2.309 ng
RT: 8.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:142 Resp: 17323

Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.2	111.4

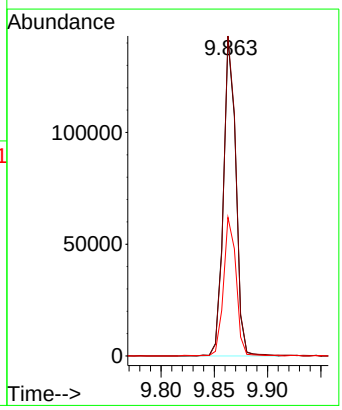


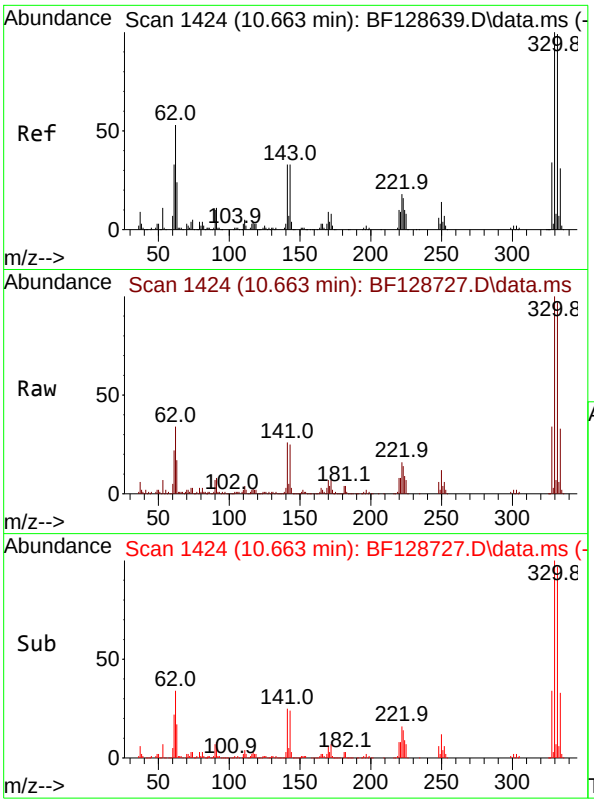


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Tgt Ion:164 Resp: 114635

Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.5	119.3
160	43.8	34.2	51.4



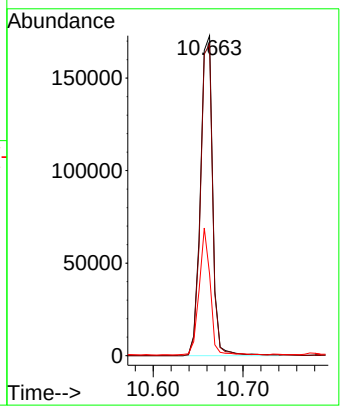


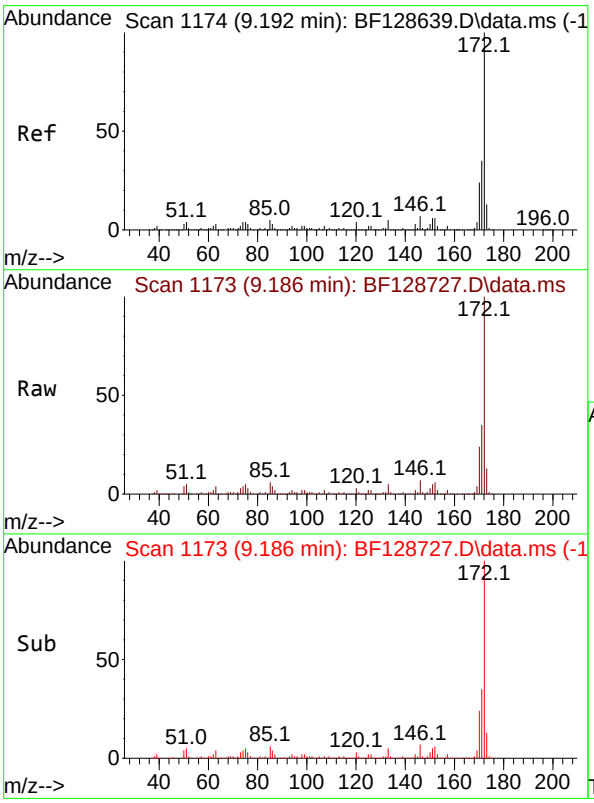
#42
2,4,6-Tribromophenol
Concen: 120.367 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:330 Resp: 163033

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.8	115.2
141	36.2	28.0	42.0

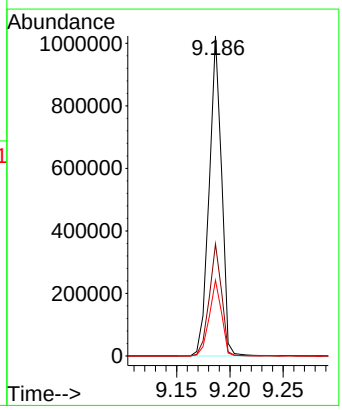


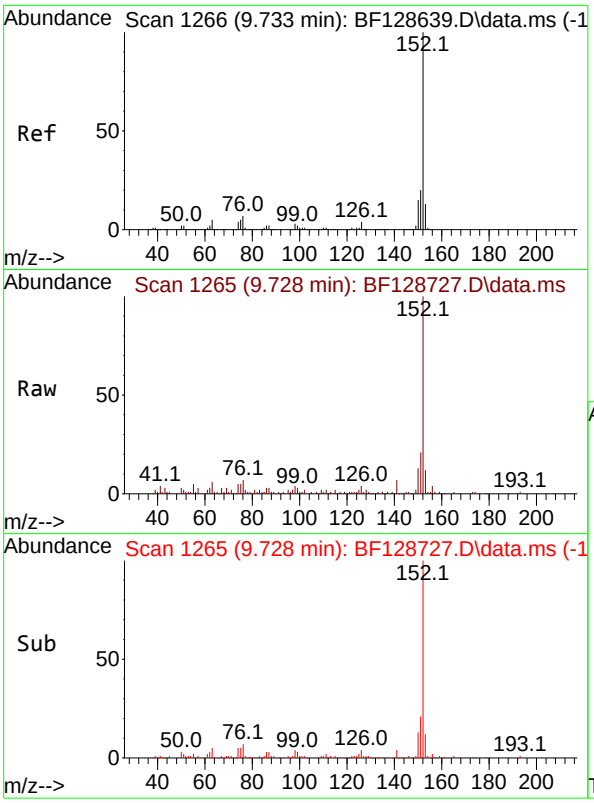


#45
2-Fluorobiphenyl
Concen: 101.516 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Tgt Ion:172 Resp: 830759

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.8	43.2
170	23.7	19.8	29.8



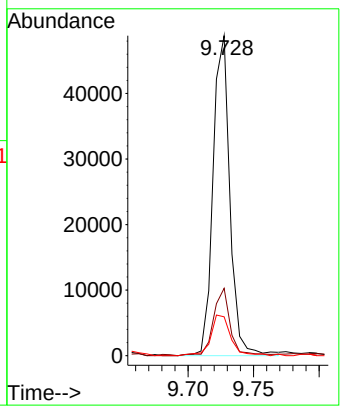


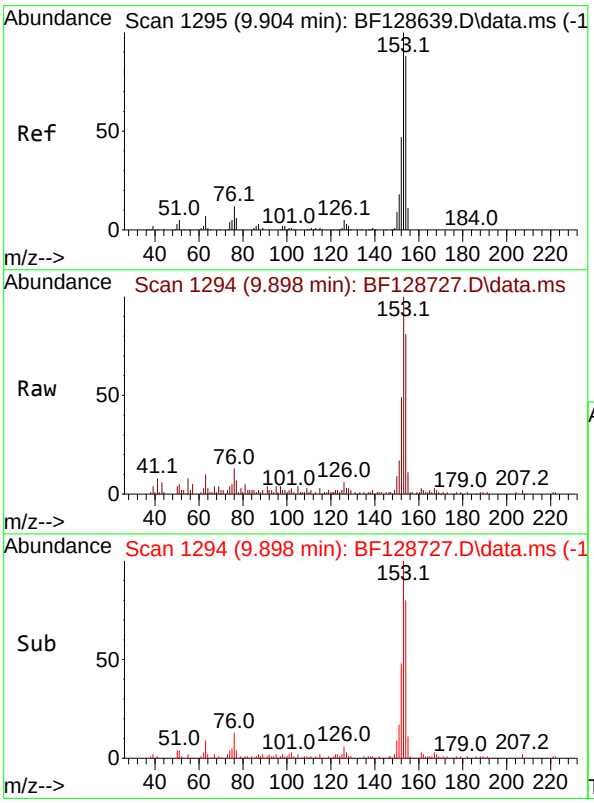
#49
Acenaphthylene
Concen: 4.354 ng
RT: 9.728 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:152 Resp: 43753

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.4
153	12.1	10.7	16.1

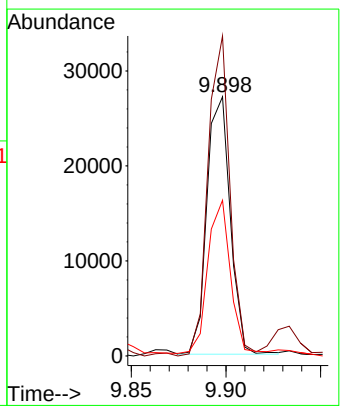


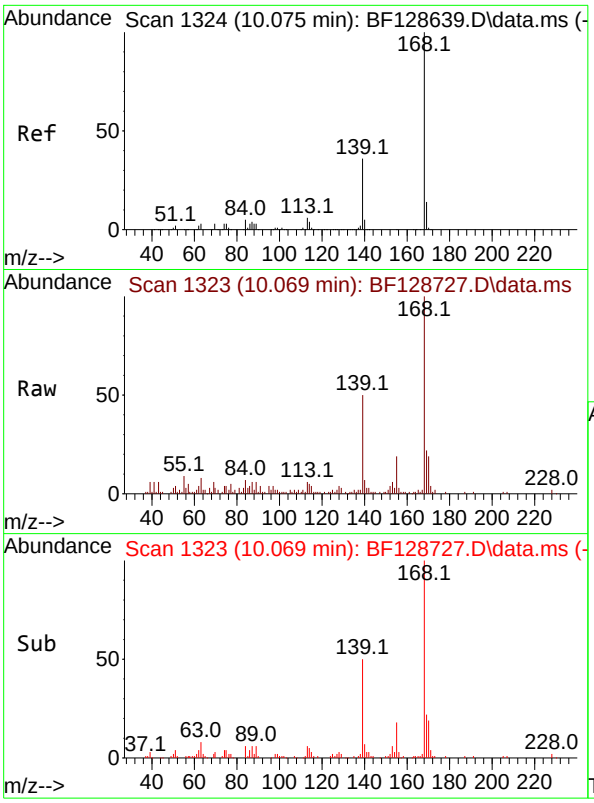


#52
Acenaphthene
Concen: 3.563 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Tgt Ion:154 Resp: 23313

Ion	Ratio	Lower	Upper
154	100		
153	123.4	89.6	134.4
152	60.1	42.4	63.6



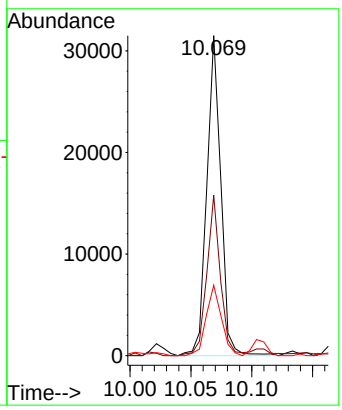


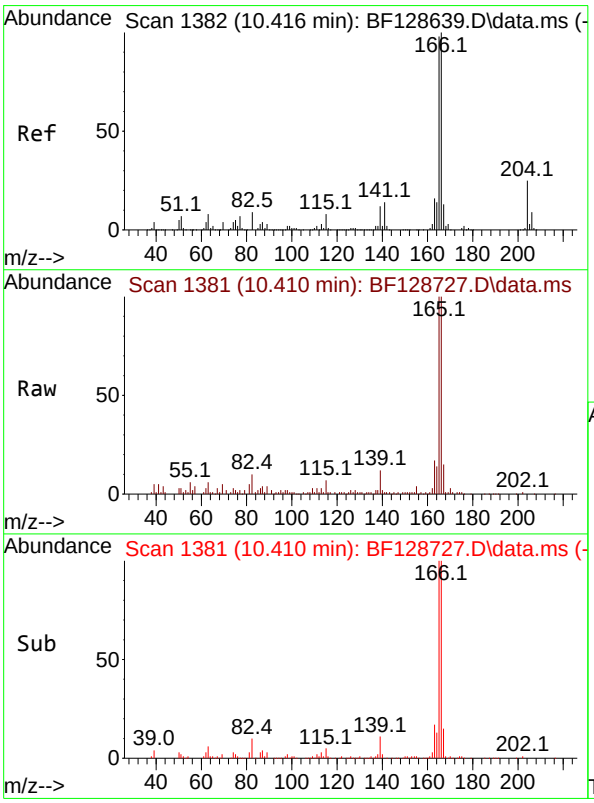
#55
Dibenzofuran
Concen: 2.686 ng
RT: 10.069 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:168 Resp: 25262

Ion	Ratio	Lower	Upper
168	100		
139	50.2	30.6	46.0#
169	22.0	11.0	16.6#

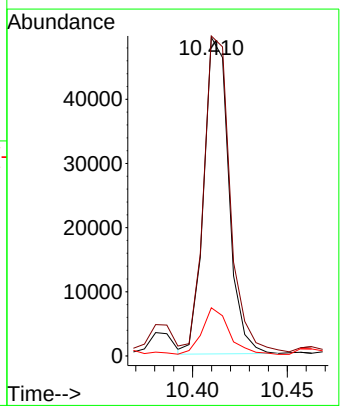


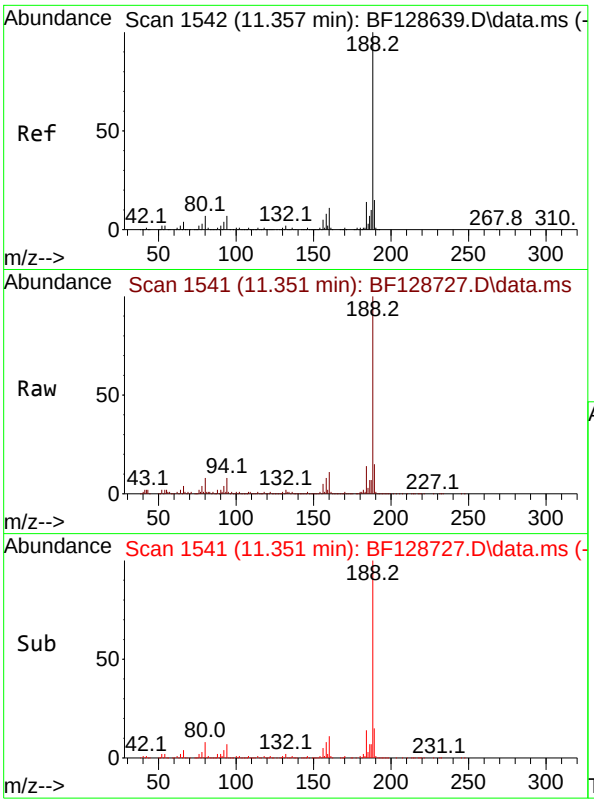


#58
Fluorene
Concen: 6.216 ng
RT: 10.410 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Tgt Ion:166 Resp: 45335

Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.1	117.1
167	15.1	10.5	15.7



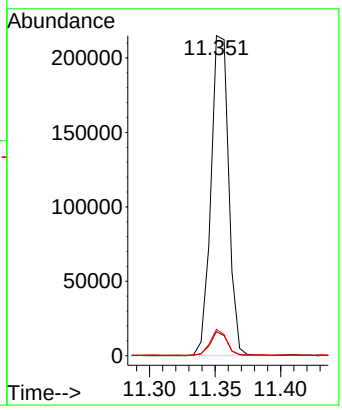


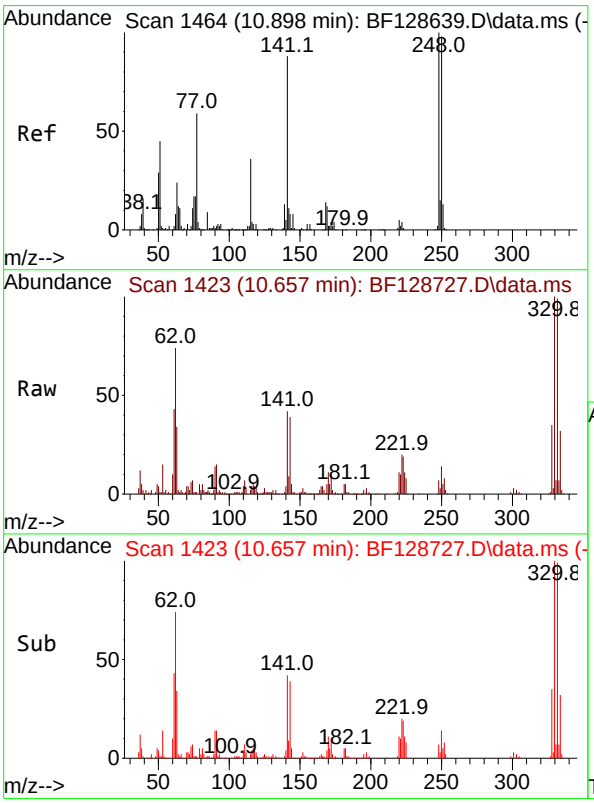
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:188 Resp: 202291

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.0	10.6
80	8.2	7.6	11.4

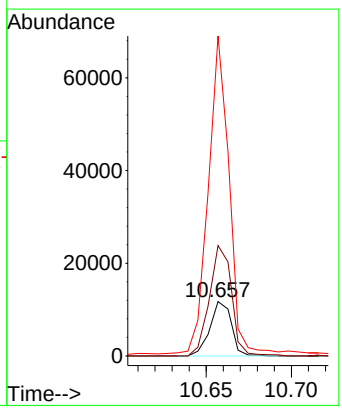


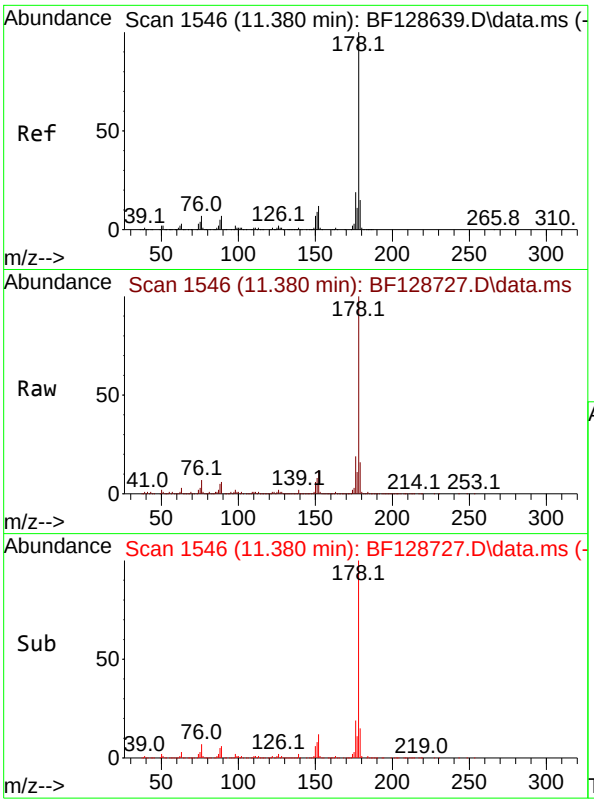


#67
4-Bromophenyl-phenylether
Concen: 4.560 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.241 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Tgt Ion:248 Resp: 10288

Ion	Ratio	Lower	Upper
248	100		
250	202.8	80.6	120.8#
141	588.0	58.9	88.3#



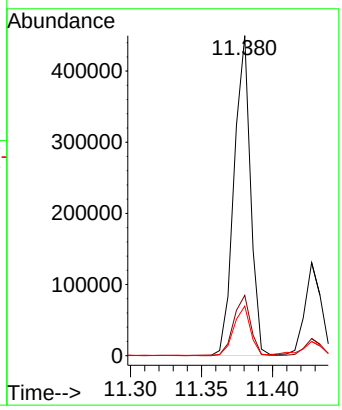


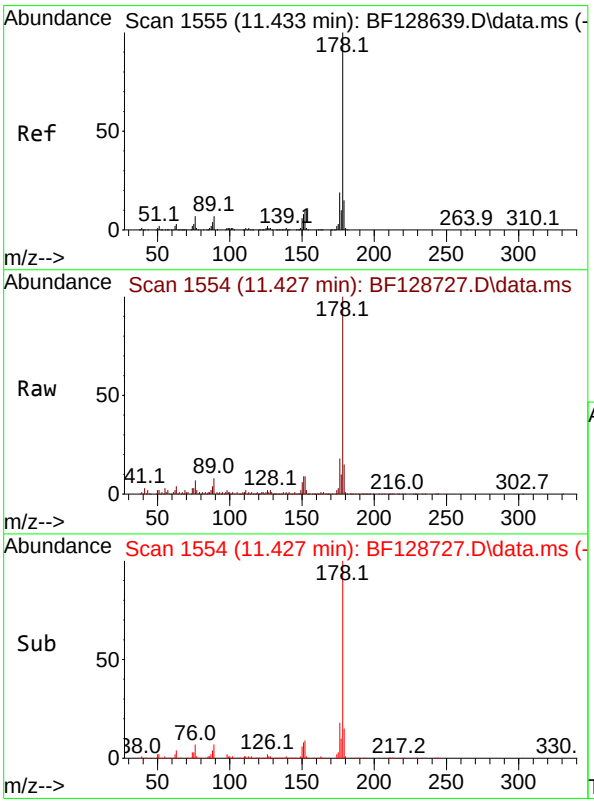
#71
Phenanthrene
Concen: 35.641 ng
RT: 11.380 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:178 Resp: 361631

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	15.5	12.6	19.0

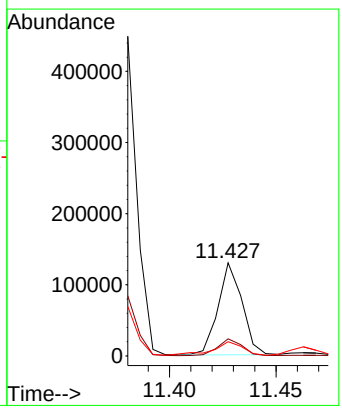


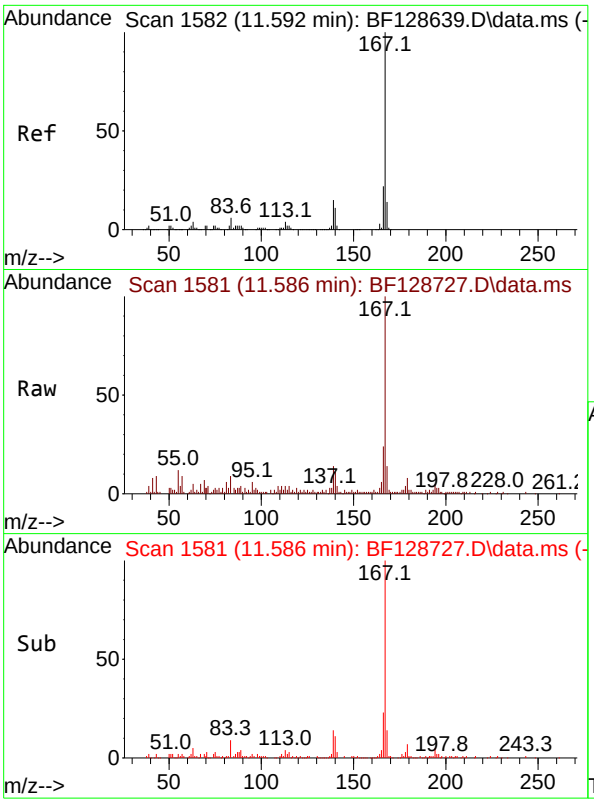


#72
Anthracene
Concen: 10.111 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Tgt Ion:178 Resp: 101539

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.3	12.6	19.0



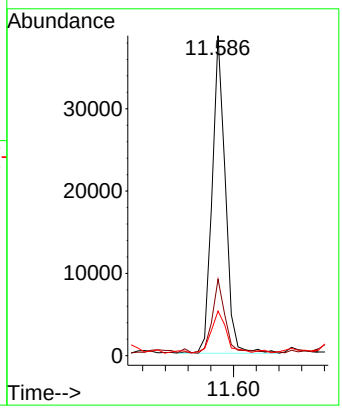


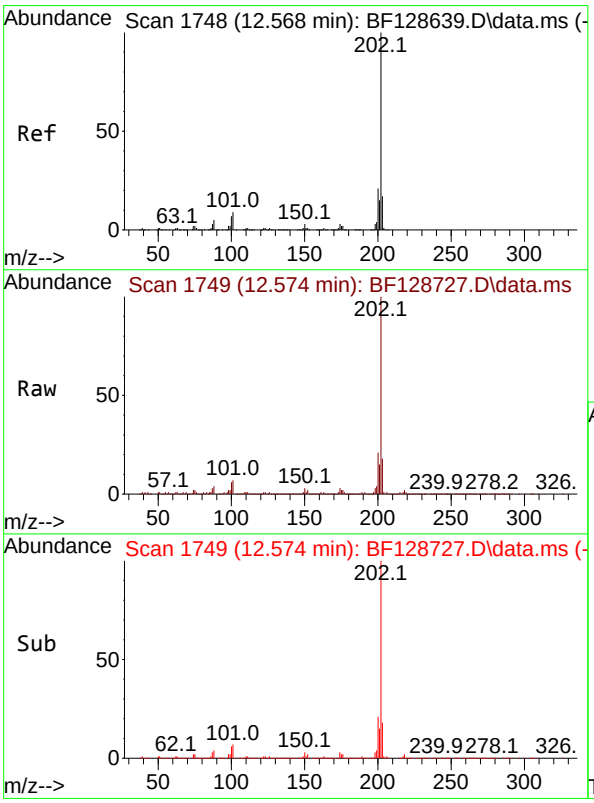
#73
Carbazole
Concen: 3.334 ng
RT: 11.586 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:167 Resp: 31102

Ion	Ratio	Lower	Upper
167	100		
166	23.9	17.7	26.5
139	14.0	11.2	16.8

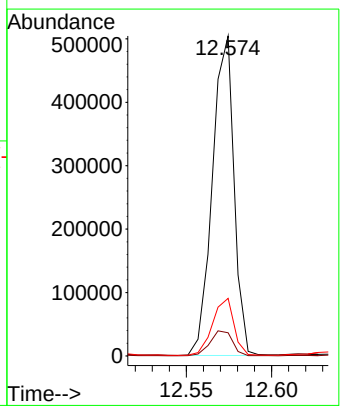


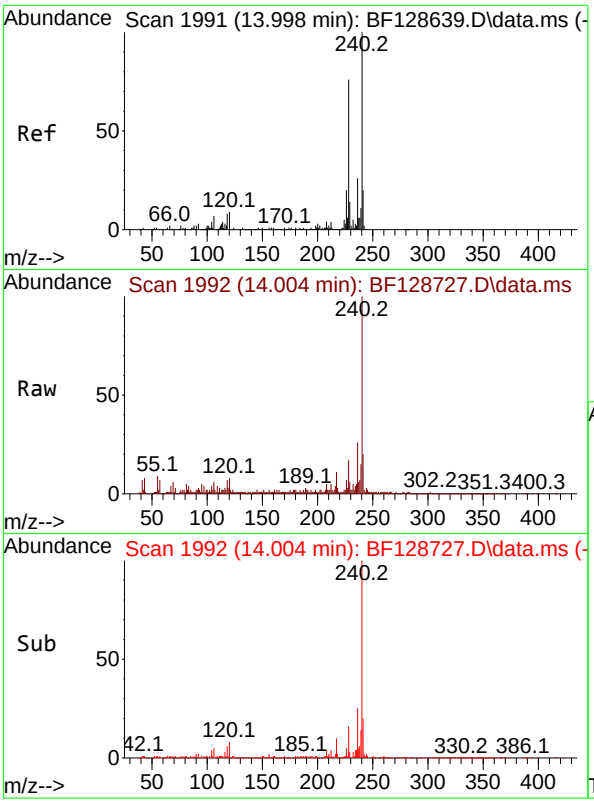


#75
Fluoranthene
Concen: 42.002 ng
RT: 12.574 min Scan# 1749
Delta R.T. 0.006 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Tgt Ion:202 Resp: 445483

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	31.4
203	18.0	0.0	38.0



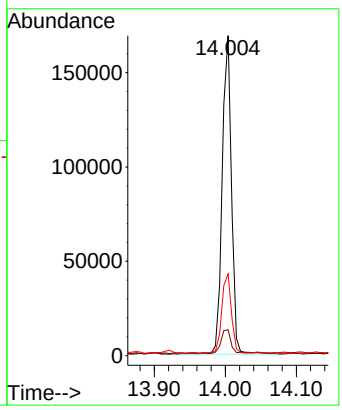


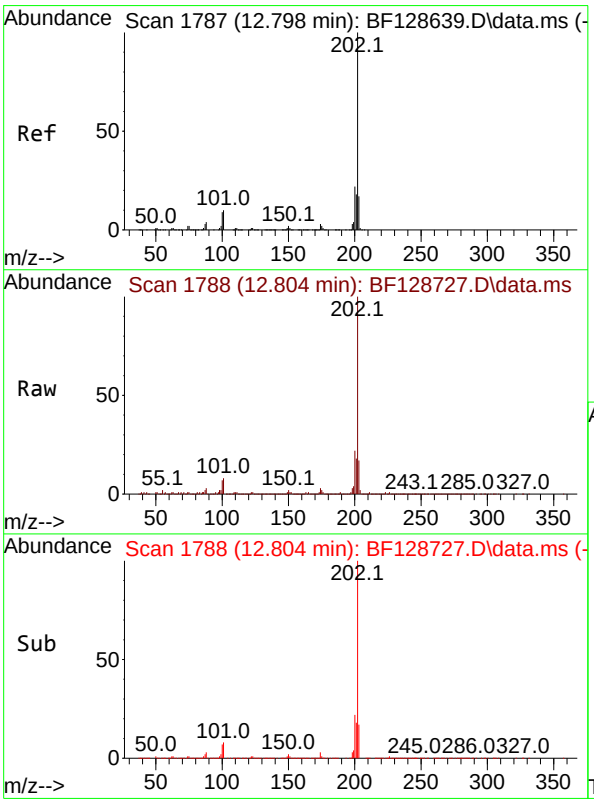
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:240 Resp: 152610

Ion	Ratio	Lower	Upper
240	100		
120	8.1	8.9	13.3#
236	25.6	20.8	31.2

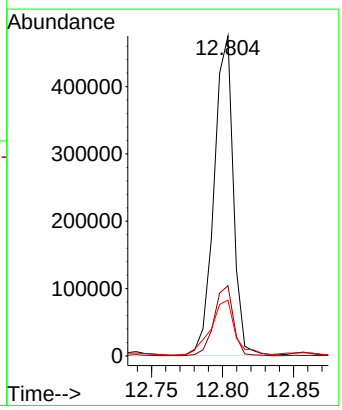


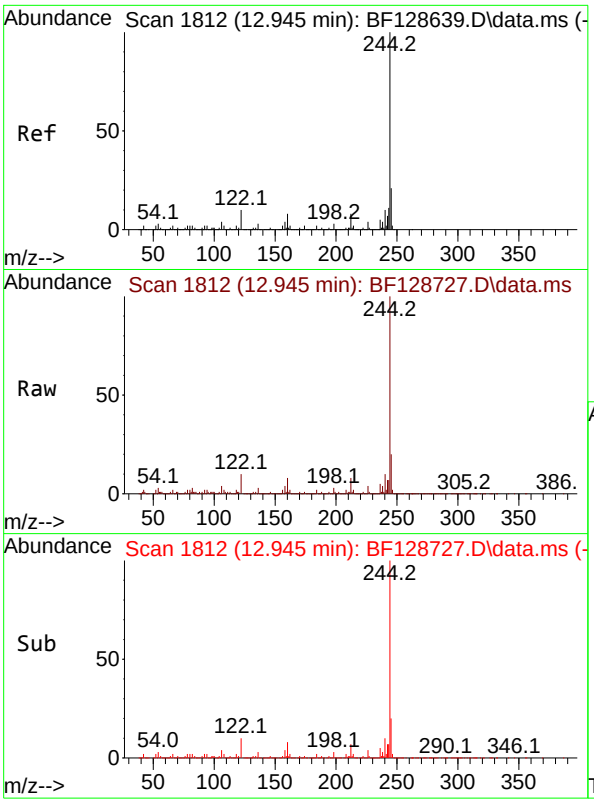


#78
Pyrene
Concen: 39.420 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Tgt Ion:202 Resp: 447577

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.4	14.6	21.8



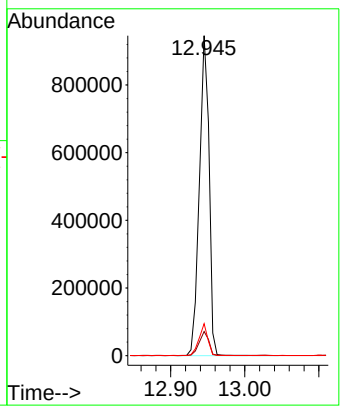


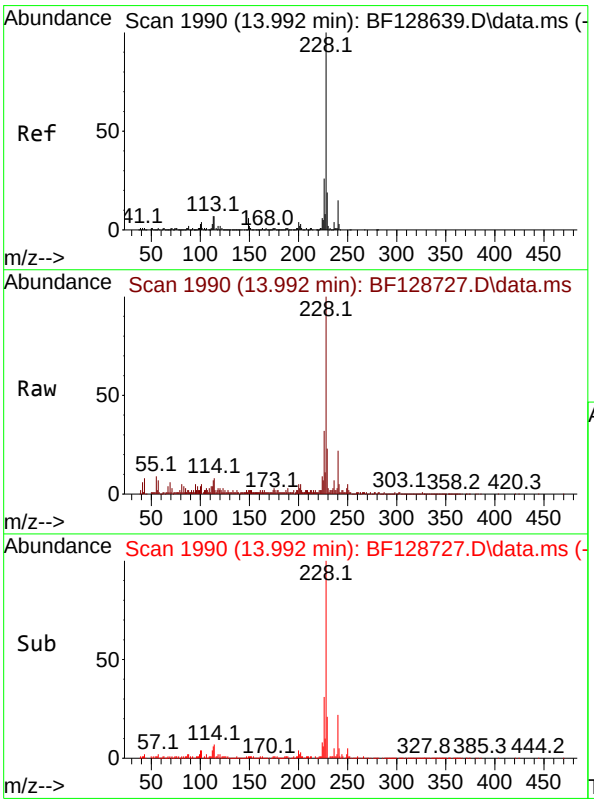
#79
Terphenyl-d14
Concen: 97.800 ng
RT: 12.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:244 Resp: 858938

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	10.0	8.8	13.2

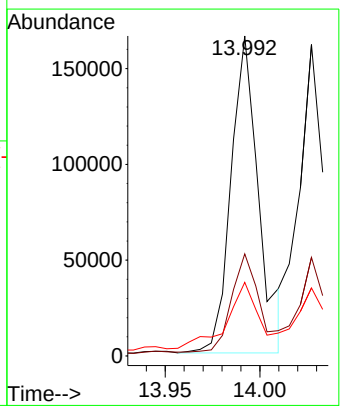


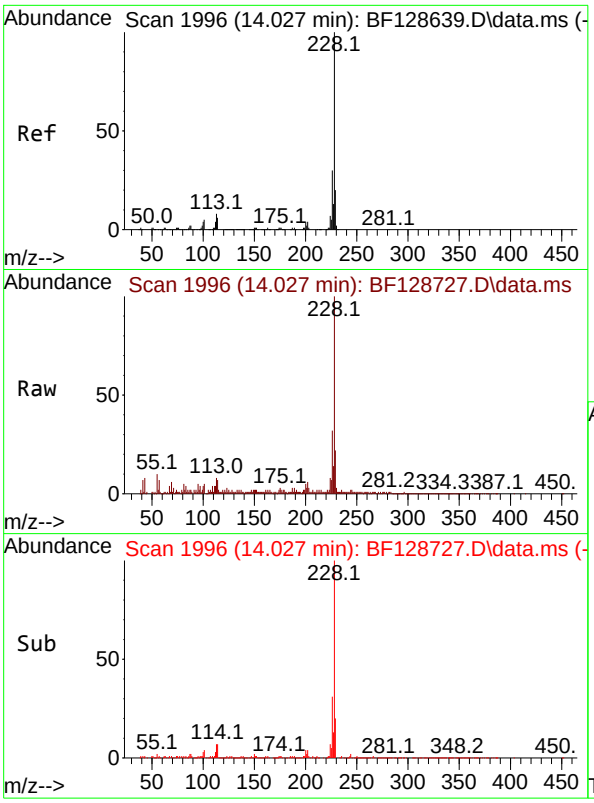


#81
Benzo(a)anthracene
Concen: 17.712 ng
RT: 13.992 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Tgt Ion:228 Resp: 168487

Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.1	33.1
229	23.0	15.8	23.8



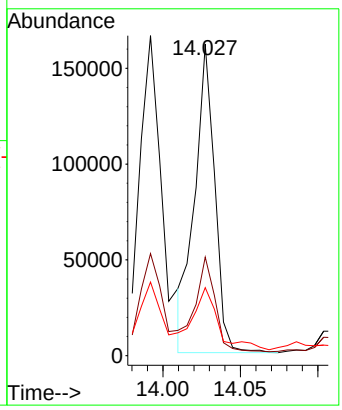


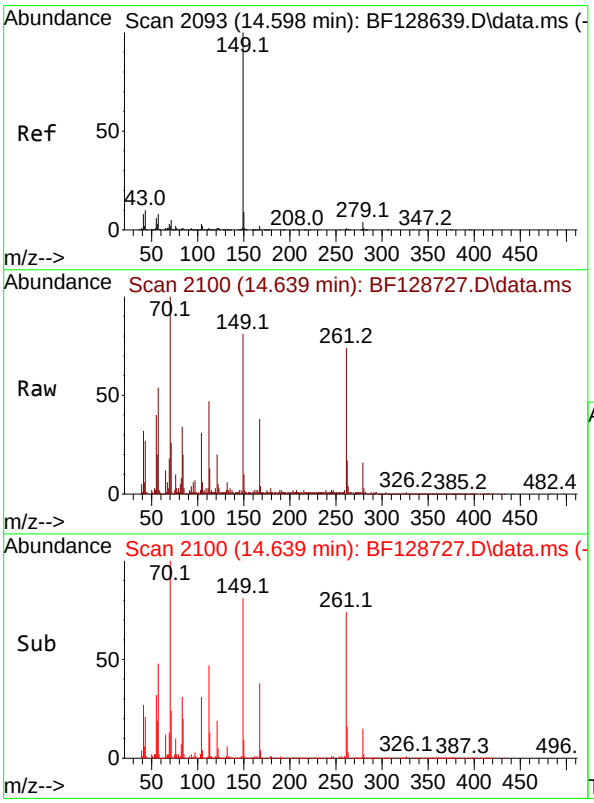
#83
Chrysene
Concen: 15.970 ng
RT: 14.027 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:228 Resp: 144838

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.3	36.5
229	21.8	15.9	23.9

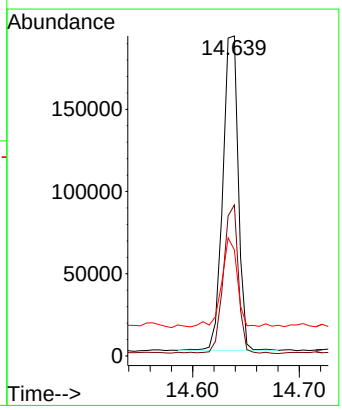


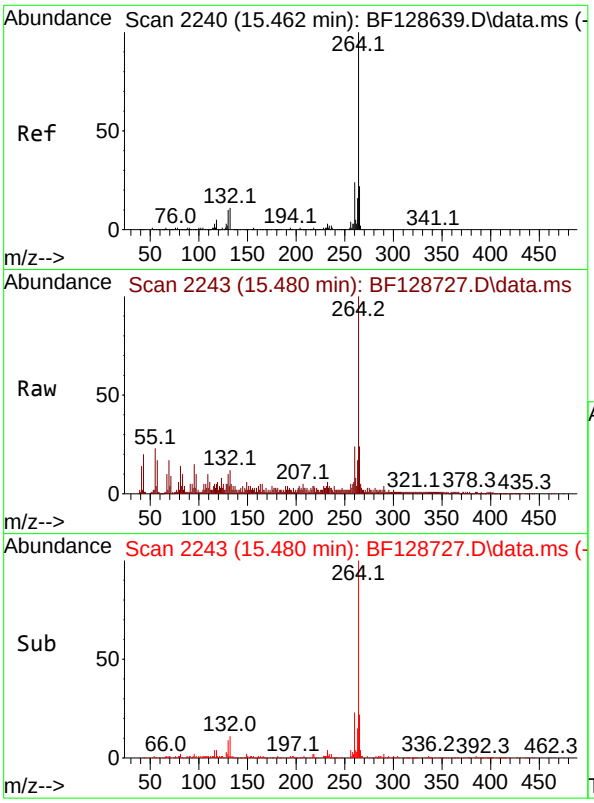


#85
Di-n-octyl phthalate
Concen: 20.644 ng
RT: 14.639 min Scan# 2100
Delta R.T. 0.041 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Tgt Ion:149 Resp: 192734

Ion	Ratio	Lower	Upper
149	100		
167	46.0	1.3	1.9#
43	29.6	9.2	13.8#



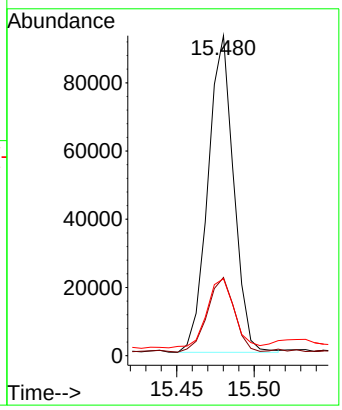


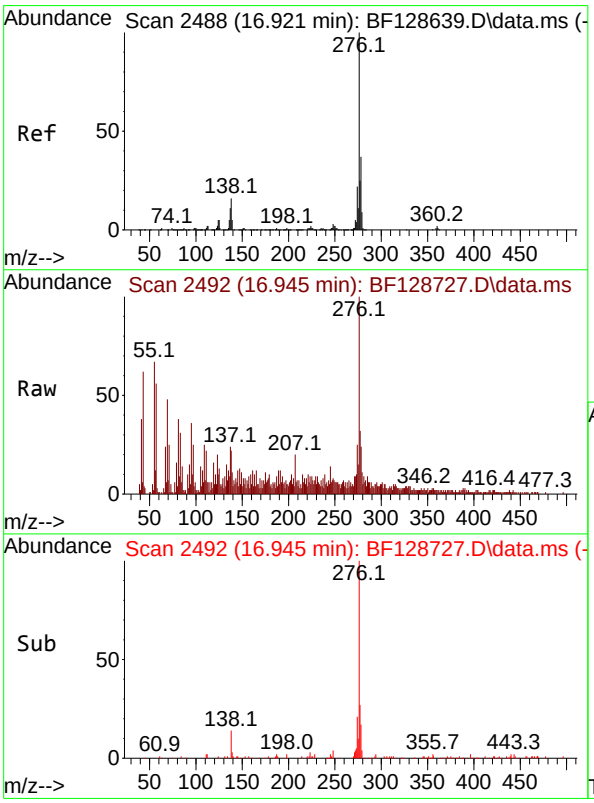
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:264 Resp: 106927

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.4	27.6
265	24.0	17.2	25.8

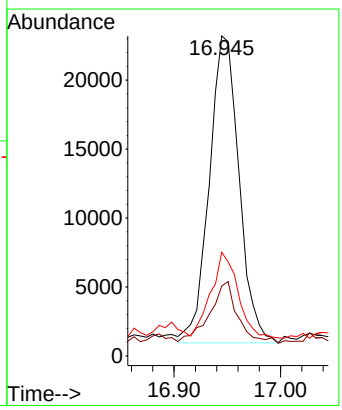


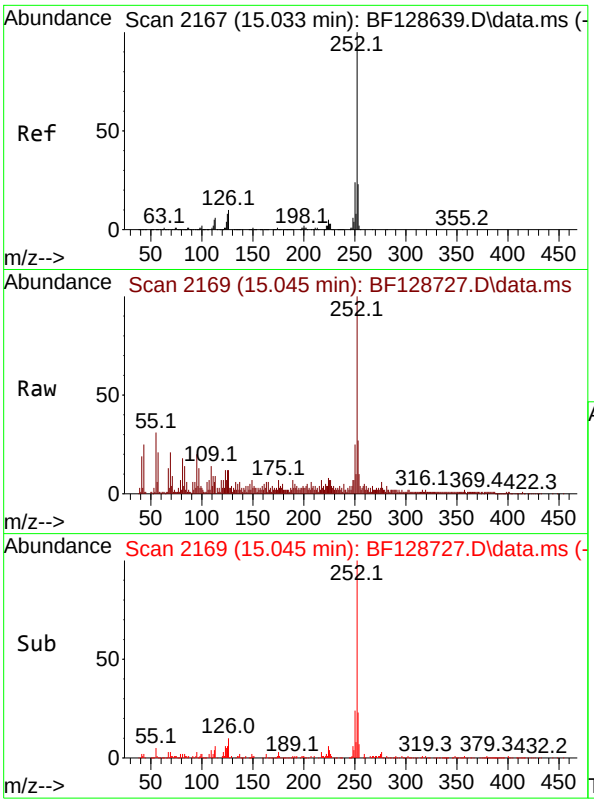


#87
Indeno(1,2,3-cd)pyrene
Concen: 6.710 ng
RT: 16.945 min Scan# 2492
Delta R.T. 0.024 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Tgt Ion:276 Resp: 43244

Ion	Ratio	Lower	Upper
276	100		
138	17.4	21.1	31.7#
277	25.5	20.3	30.5



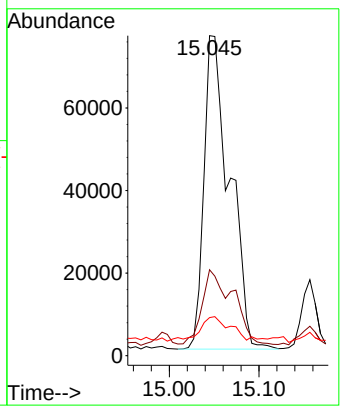


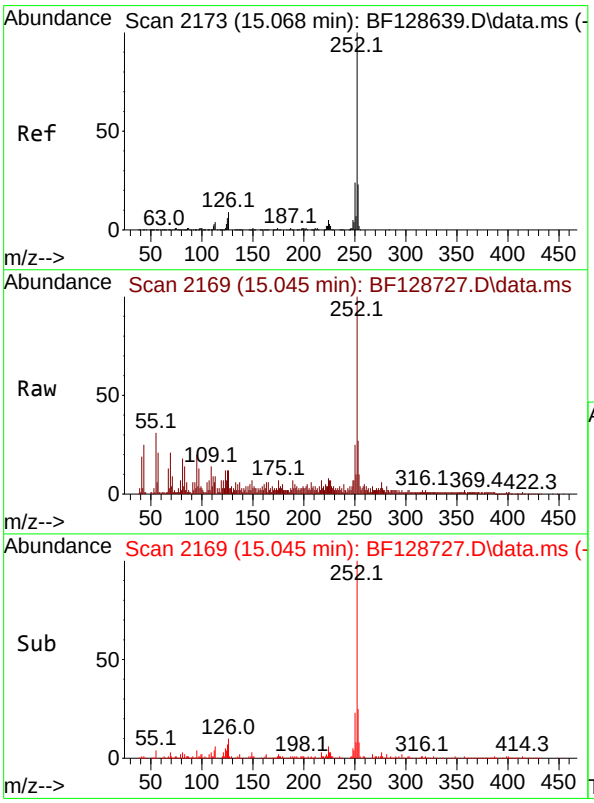
#88
Benzo(b)fluoranthene
Concen: 22.109 ng
RT: 15.045 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:252 Resp: 151063

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.7	26.5#
125	11.9	8.0	12.0

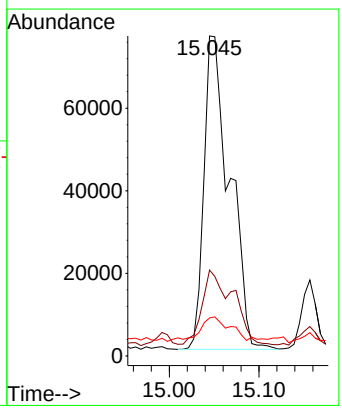


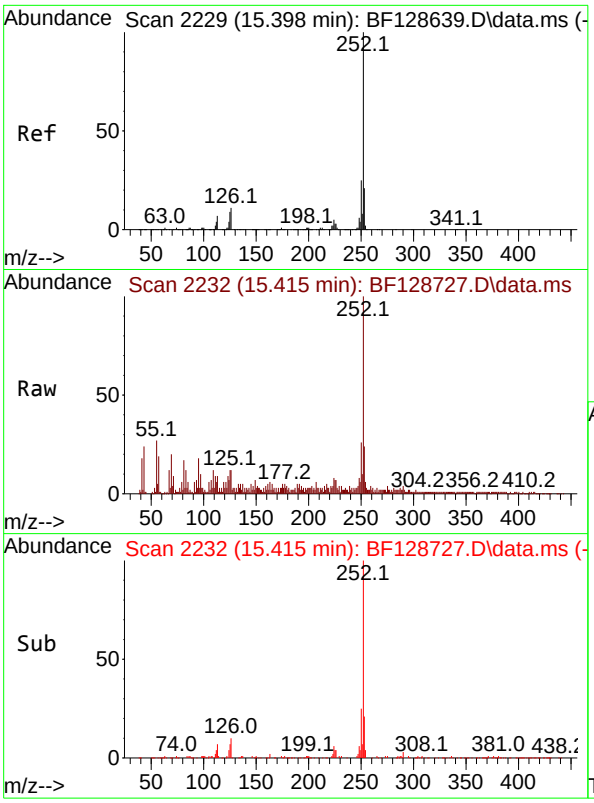


#89
Benzo(k)fluoranthene
Concen: 23.503 ng
RT: 15.045 min Scan# 2169
Delta R.T. -0.023 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Tgt Ion:252 Resp: 151063

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.8	26.6#
125	11.9	8.3	12.5



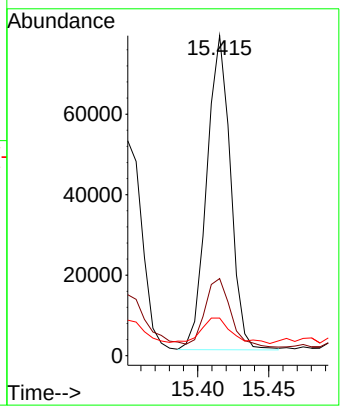


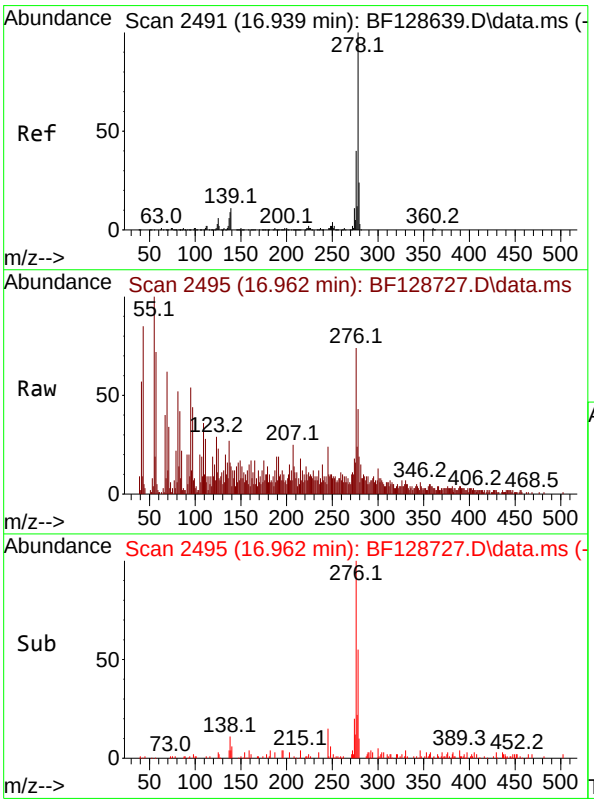
#90
Benzo(a)pyrene
Concen: 16.852 ng
RT: 15.415 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:252 Resp: 90497

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	11.8	8.8	13.2

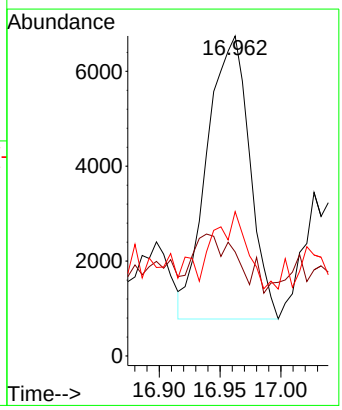


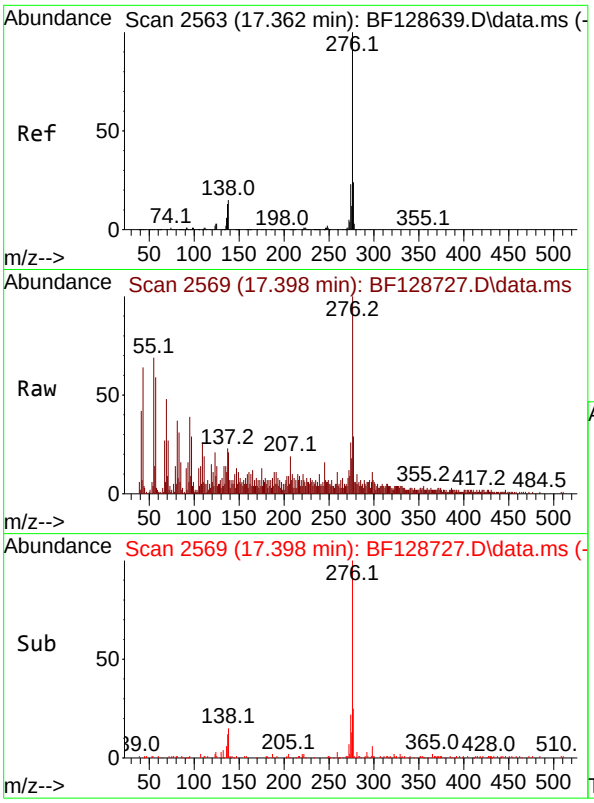


#91
Dibenzo(a,h)anthracene
Concen: 2.705 ng
RT: 16.962 min Scan# 2495
Delta R.T. 0.024 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Tgt Ion:278 Resp: 14461

Ion	Ratio	Lower	Upper
278	100		
139	32.5	12.8	19.2#
279	45.1	18.6	28.0#





#92
Benzo(g,h,i)perylene
Concen: 8.576 ng
RT: 17.398 min Scan# 2
Delta R.T. 0.035 min
Lab File: BF128727.D
Acq: 07 Jun 2022 20:45

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Tgt Ion:276 Resp: 45439

Ion	Ratio	Lower	Upper
276	100		
277	29.1	19.1	28.7#
138	20.5	18.0	27.0