Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
Data File : BF128709.D
Acq On : 06 Jun 2022 21:25
Operator : CG\JU
Sample : N3197-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Quant Time: Jun 07 02:44:01 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	52846	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	173818	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	91794	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	185315	20.000	ng	# 0.00
76) Chrysene-d12	14.021	240	120474	20.000	ng	0.02
86) Perylene-d12	15.498	264	95670	20.000	ng	# 0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	252311	76.049	ng	0.00
7) Phenol-d6	6.492	99	288520	71.242	ng	0.00
23) Nitrobenzene-d5	7.386	82	197869	53.001	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	81432	75.081	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	325878	49.730	ng	-0.01
79) Terphenyl-d14	12.951	244	373084	53.811	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	28476	11.309	ng	# 82
25) Isophorone	7.386	82	197866	34.896	ng	# 65
31) Naphthalene	8.128	128	70405	7.893	ng	99
33) 4-Chloroaniline	8.128	127	9111	2.709	ng	# 34
37) 2-Methylnaphthalene	8.822	142	33535	5.910	ng	97
38) 1-Methylnaphthalene	8.922	142	28696	5.235	ng	97
49) Acenaphthylene	9.727	152	67482	8.387	ng	98
51) 2,6-Dinitrotoluene	9.863	165	14512	11.702	ng	# 27
52) Acenaphthene	9.898	154	188541	35.984	ng	99
55) Dibenzofuran	10.069	168	148963	19.782	ng	91
56) 4-Nitrophenol	10.069	139	67757	69.451	ng	# 9
58) Fluorene	10.416	166	252535	43.244	ng	98
67) 4-Bromophenyl-phenylether	10.657	248	5684	2.750	ng	# 1
71) Phenanthrene	11.392	178	2896885	311.660	ng	99
72) Anthracene	11.439	178	1184591	128.759	ng	100
73) Carbazole	11.592	167	132576	15.515	ng	99
75) Fluoranthene	12.610	202	6524724	671.540	ng	96
78) Pyrene	12.839	202	5656318	631.059	ng	97
81) Benzo(a)anthracene	14.015	228	2640395	351.604	ng	97
83) Chrysene	14.015	228	2640395	368.799	ng	97
84) Bis(2-ethylhexyl)phtha...	14.010	149	13736	2.807	ng	# 86
87) Indeno(1,2,3-cd)pyrene	16.998	276	1009004	174.983	ng	# 88
88) Benzo(b)fluoranthene	15.080	252	3222427	527.127	ng	98
89) Benzo(k)fluoranthene	15.080	252	3222427	560.360	ng	98
90) Benzo(a)pyrene	15.457	252	1732473	360.575	ng	95
91) Dibenzo(a,h)anthracene	17.151	278	197322	41.255	ng	93
92) Benzo(g,h,i)perylene	17.451	276	893750	188.540	ng	# 93

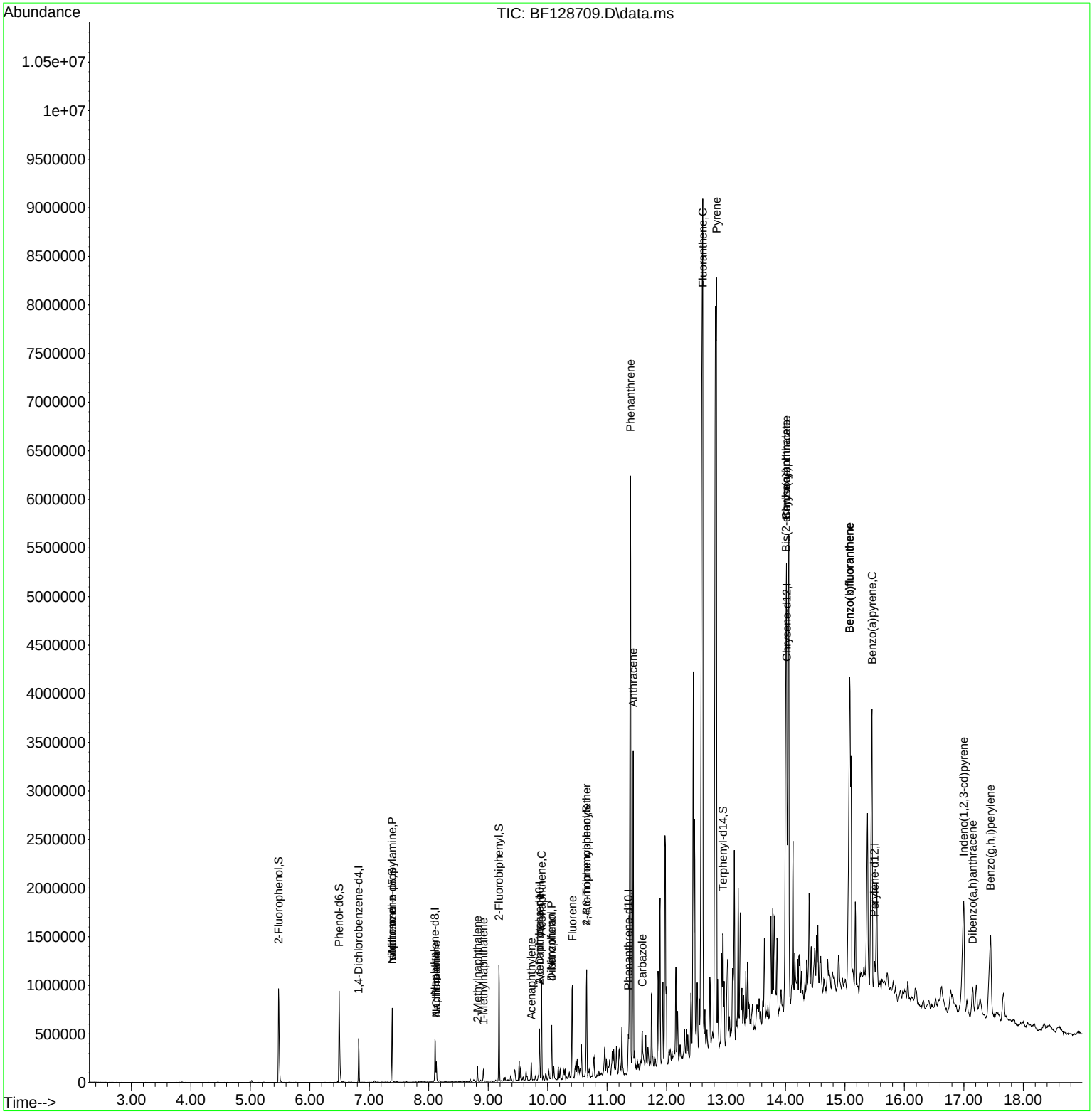
(#) = qualifier out of range (m) = manual integration (+) = signals summed

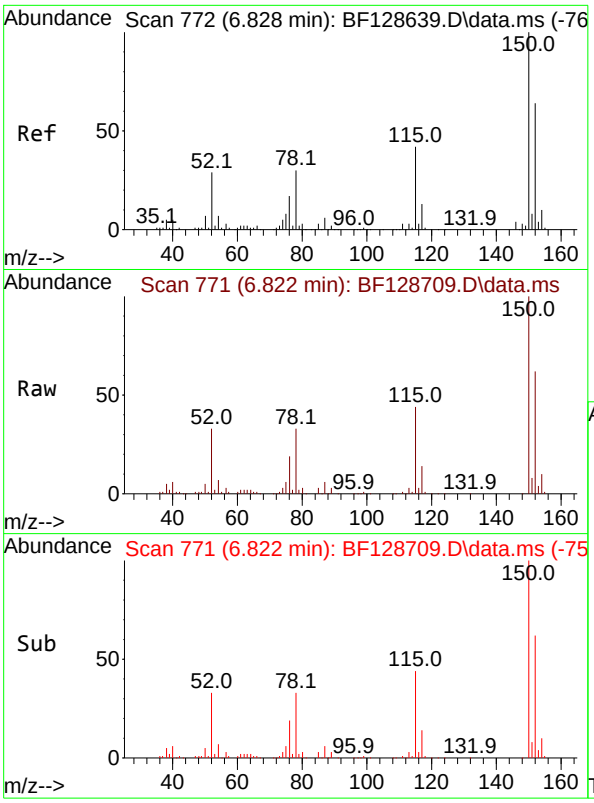
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
Data File : BF128709.D
Acq On : 06 Jun 2022 21:25
Operator : CG\JU
Sample : N3197-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Quant Time: Jun 07 02:44:01 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



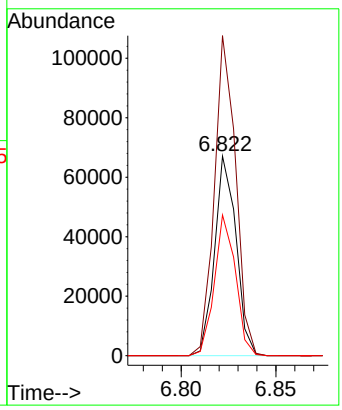


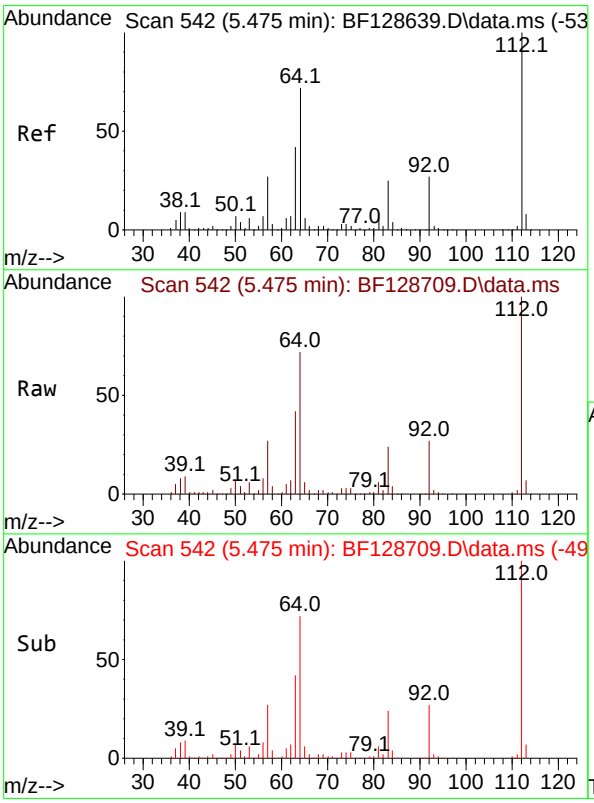
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Tgt Ion:152 Resp: 52846

Ion	Ratio	Lower	Upper
152	100		
150	160.4	123.7	185.5
115	70.5	49.9	74.9

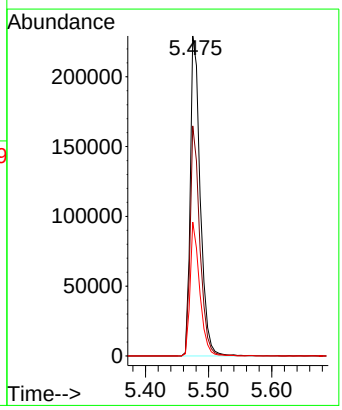


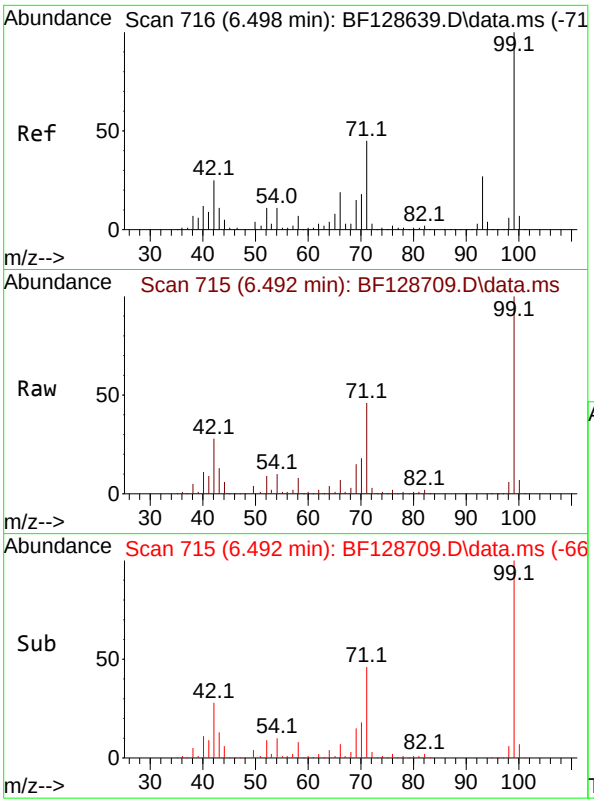


#5
2-Fluorophenol
Concen: 76.049 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Tgt Ion:112 Resp: 252311

Ion	Ratio	Lower	Upper
112	100		
64	71.9	53.3	79.9
63	41.8	28.0	42.0



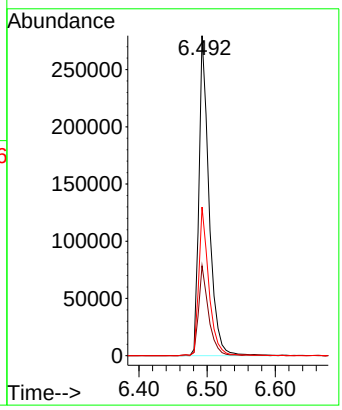


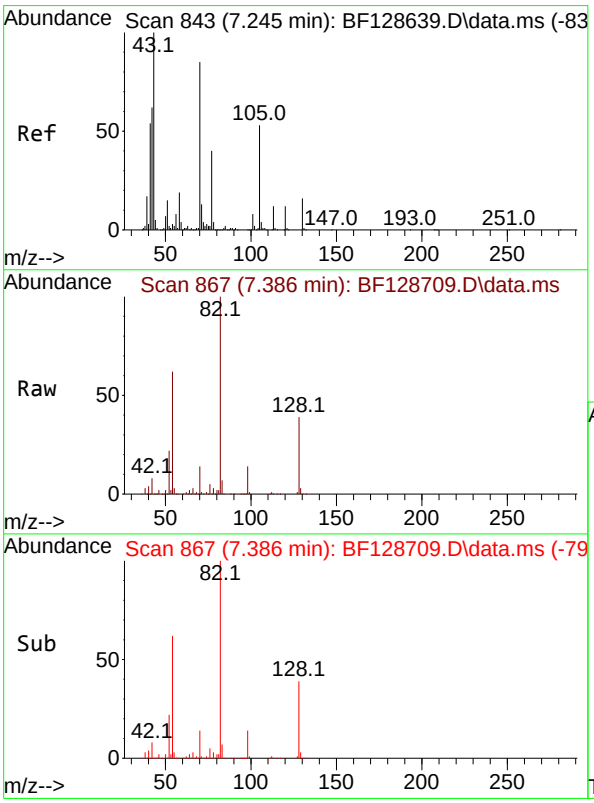
#7
Phenol-d6
Concen: 71.242 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Tgt Ion: 99 Resp: 288520

Ion	Ratio	Lower	Upper
99	100		
42	28.1	17.3	25.9#
71	46.5	28.9	43.3#

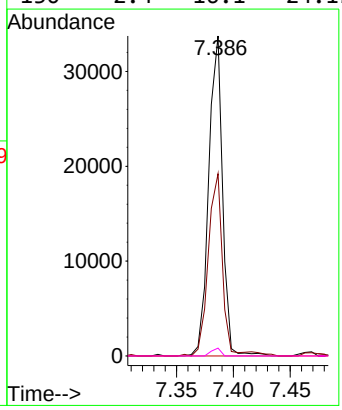


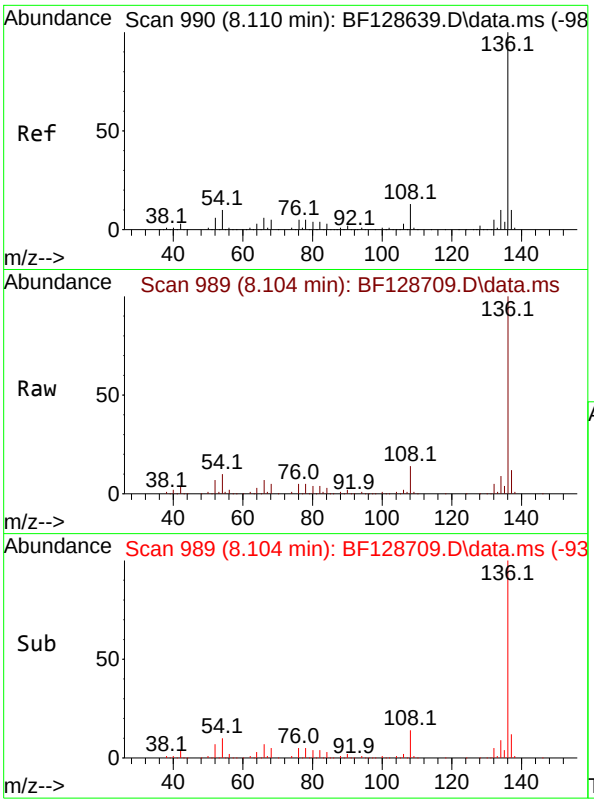


#19
n-Nitroso-di-n-propylamine
Concen: 11.309 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Tgt Ion: 70 Resp: 28476

Ion	Ratio	Lower	Upper
70	100		
42	57.0	52.3	78.5
101	0.0	7.5	11.3#
130	2.4	16.1	24.1#



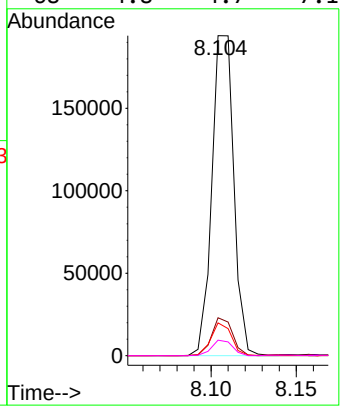


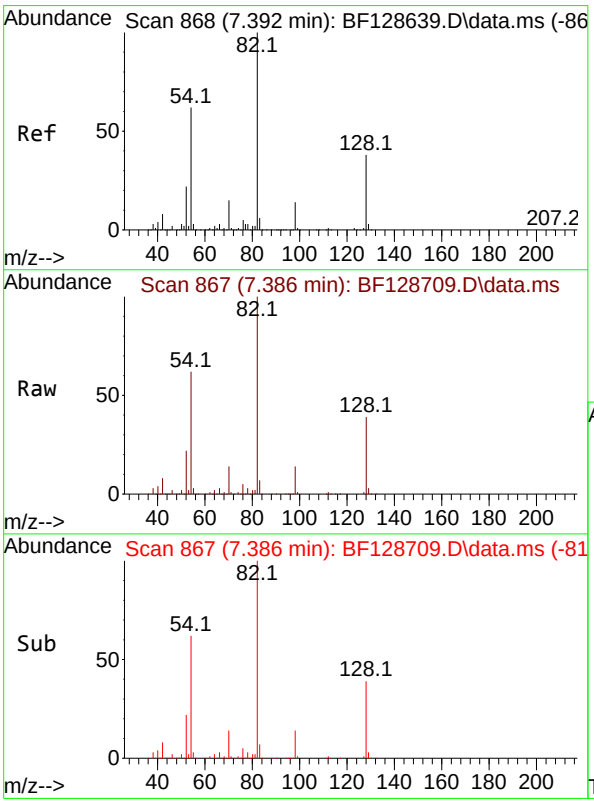
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Tgt Ion:136 Resp: 173818

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	10.2	7.5	11.3
68	4.8	4.7	7.1

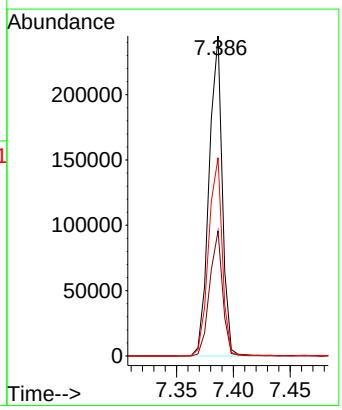


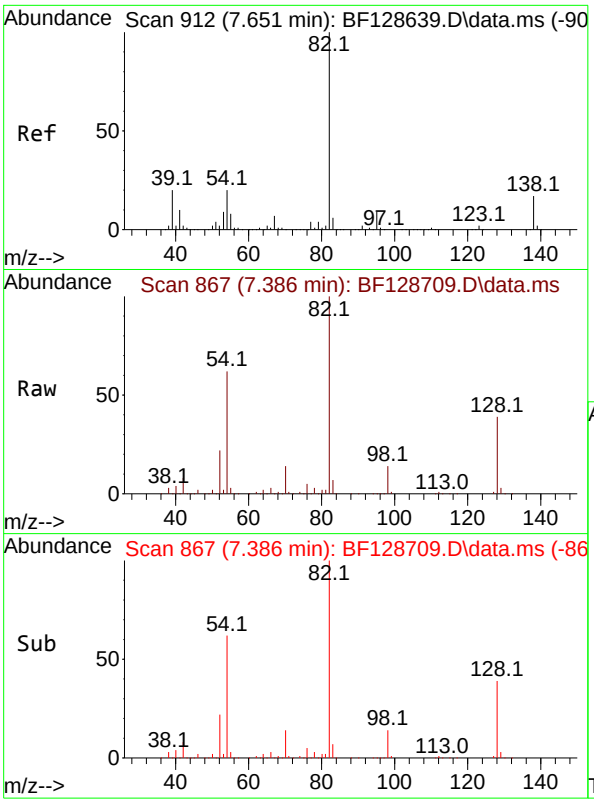


#23
Nitrobenzene-d5
Concen: 53.001 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Tgt Ion: 82 Resp: 197869

Ion	Ratio	Lower	Upper
82	100		
128	39.1	34.0	51.0
54	62.0	46.9	70.3



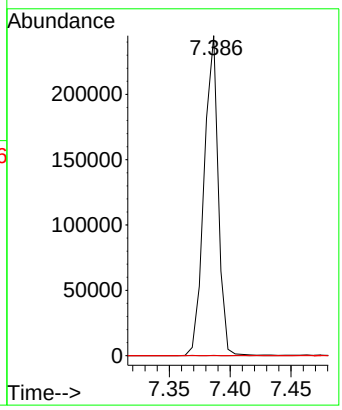


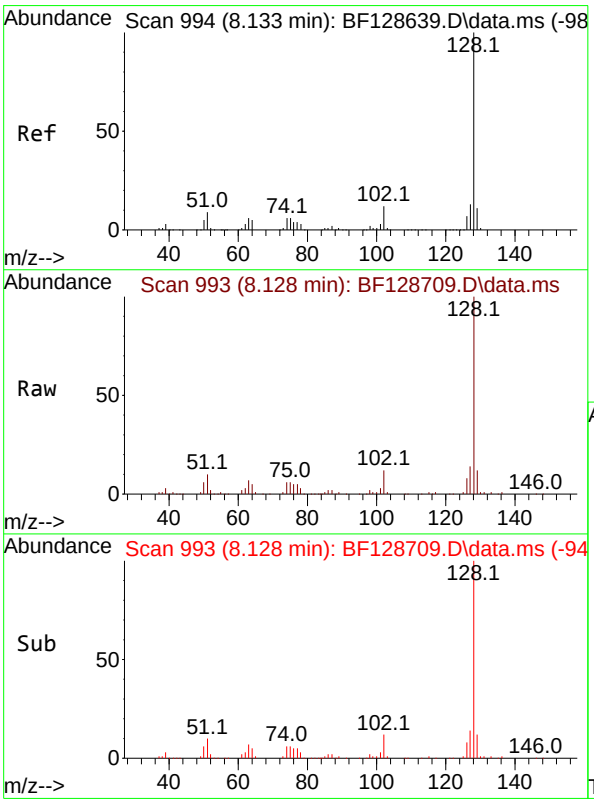
#25
Isophorone
Concen: 34.896 ng
RT: 7.386 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Tgt Ion: 82 Resp: 197866

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

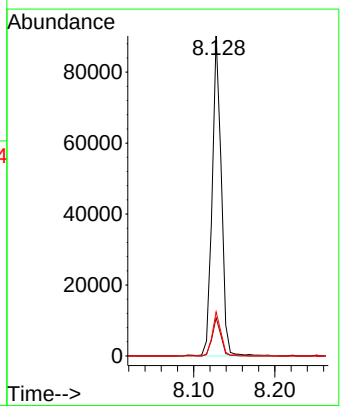


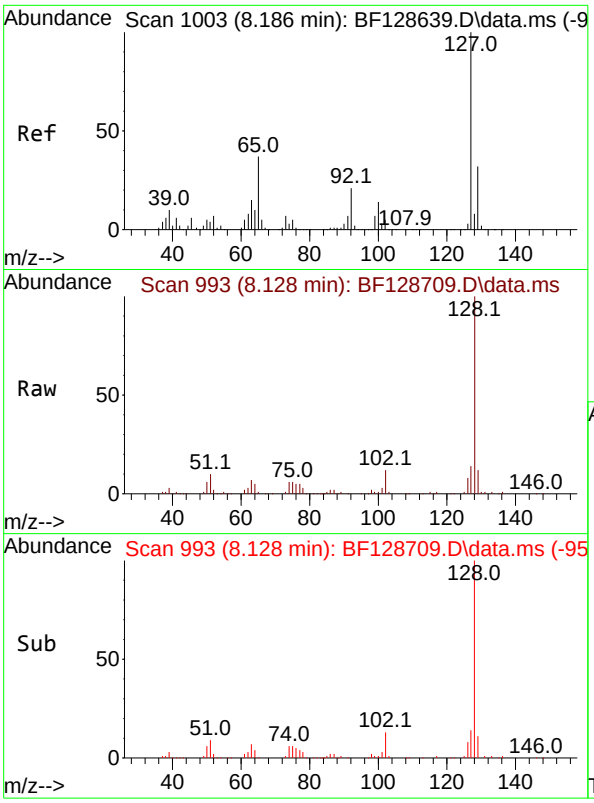


#31
Naphthalene
Concen: 7.893 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Tgt Ion:128 Resp: 70405

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.2	13.8
127	13.8	10.5	15.7



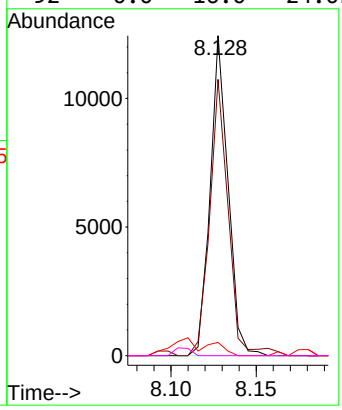


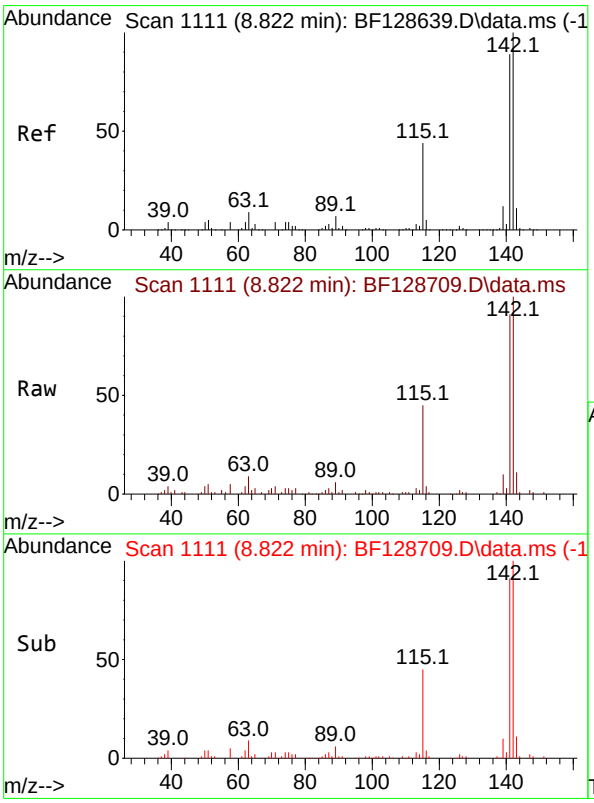
#33
4-Chloroaniline
Concen: 2.709 ng
RT: 8.128 min Scan# 9
Delta R.T. -0.059 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Tgt Ion:127 Resp: 9111

Ion	Ratio	Lower	Upper
127	100		
129	86.4	26.4	39.6#
65	4.1	26.4	39.6#
92	0.0	16.0	24.0#

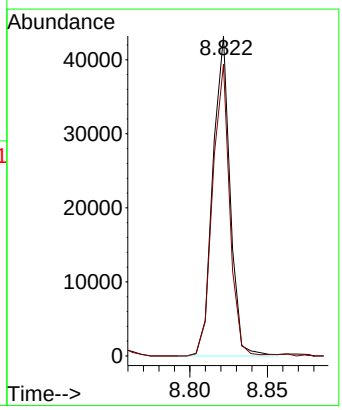


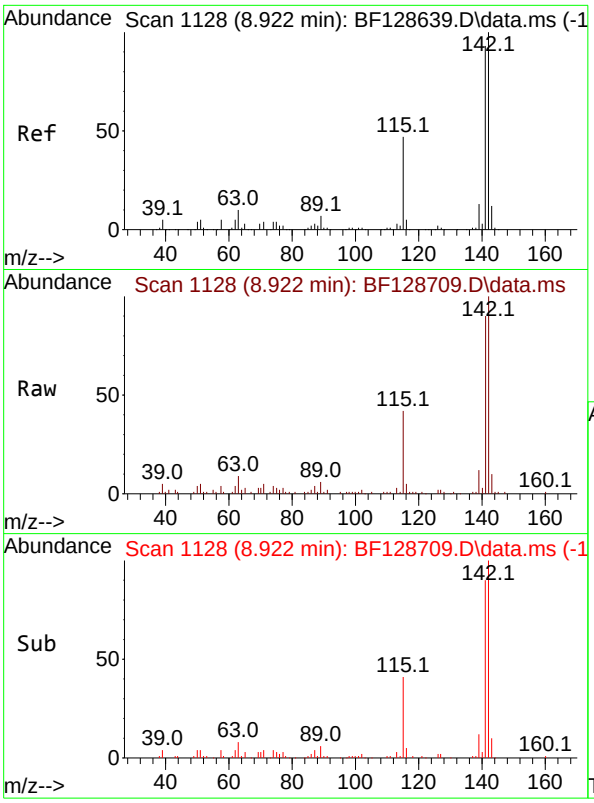


#37
2-Methylnaphthalene
Concen: 5.910 ng
RT: 8.822 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Tgt Ion:142 Resp: 33535

Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.0	106.4



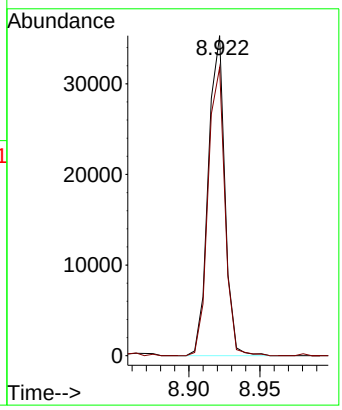


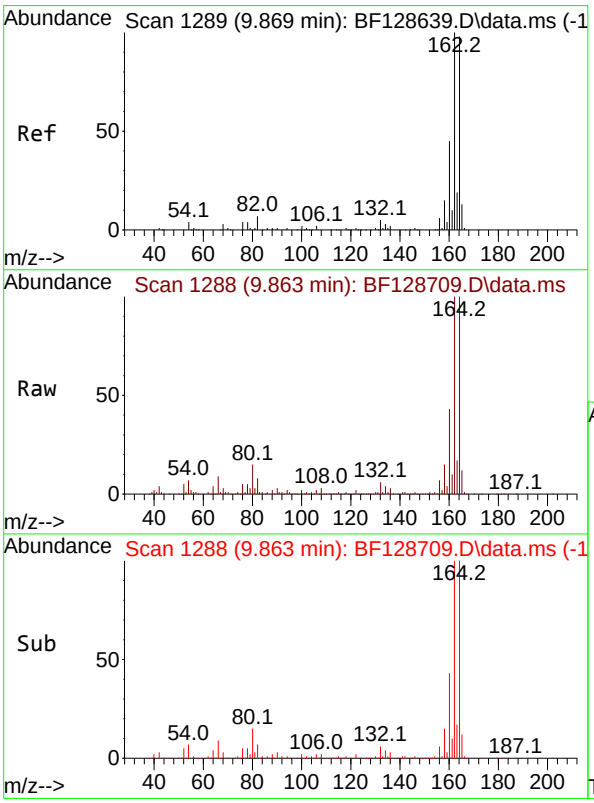
#38
1-Methylnaphthalene
Concen: 5.235 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Tgt Ion:142 Resp: 28696

Ion	Ratio	Lower	Upper
142	100		
141	90.0	74.2	111.4

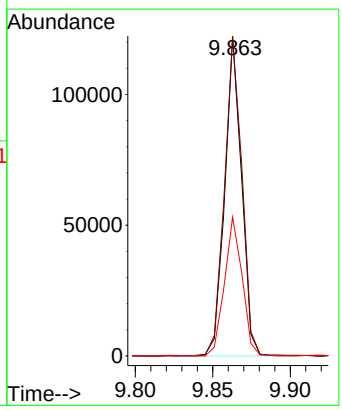


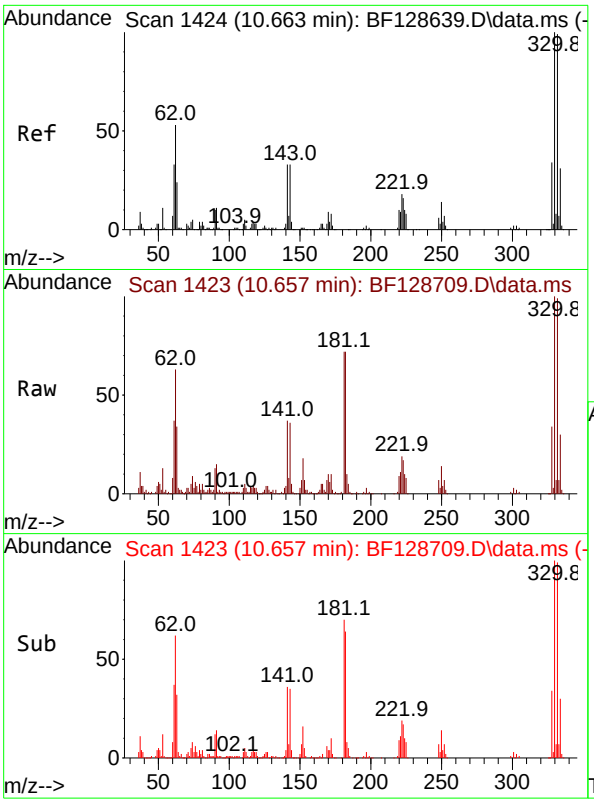


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Tgt Ion:164 Resp: 91794

Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.5	119.3
160	43.4	34.2	51.4



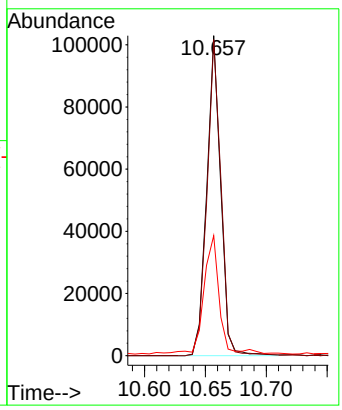


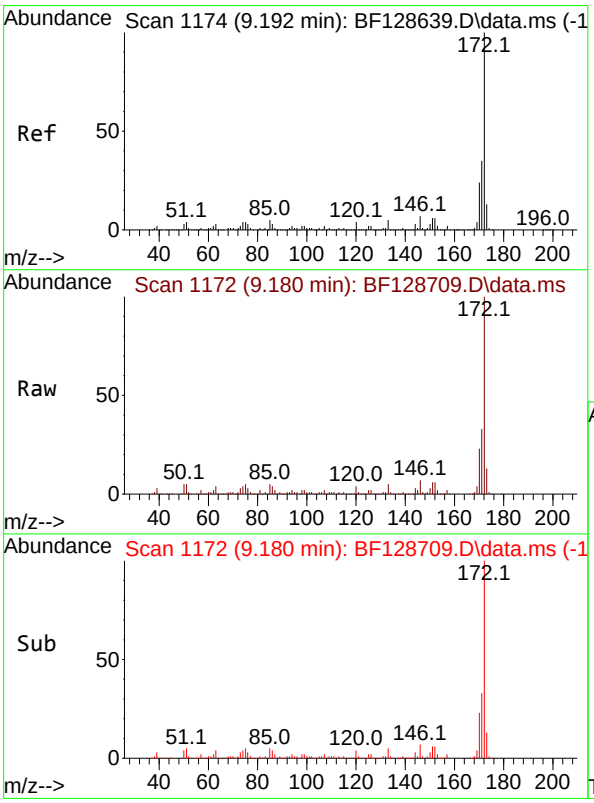
#42
2,4,6-Tribromophenol
Concen: 75.081 ng
RT: 10.657 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Tgt Ion:330 Resp: 81432

Ion	Ratio	Lower	Upper
330	100		
332	99.3	76.8	115.2
141	42.2	28.0	42.0#

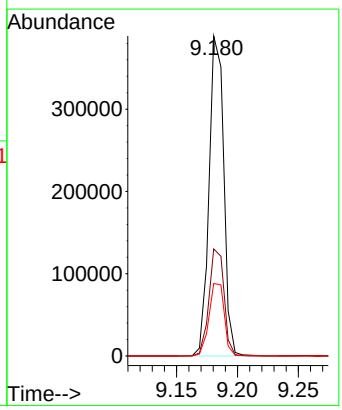


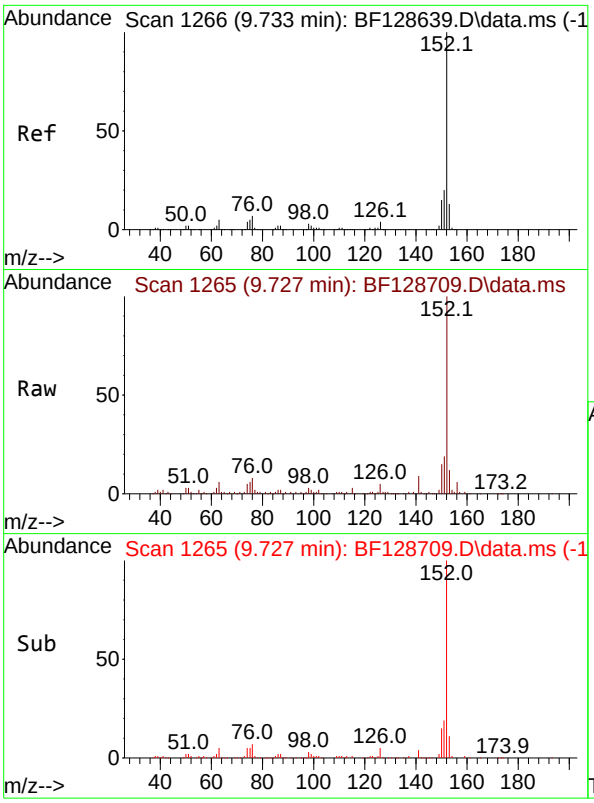


#45
2-Fluorobiphenyl
Concen: 49.730 ng
RT: 9.180 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Tgt Ion:172 Resp: 325878

Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.8	43.2
170	22.6	19.8	29.8



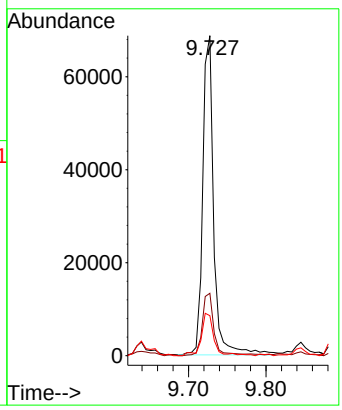


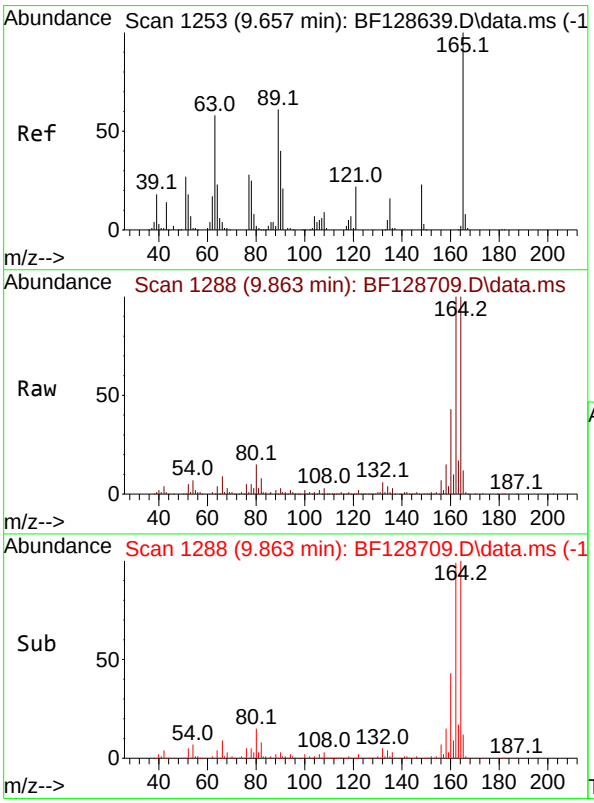
#49
Acenaphthylene
Concen: 8.387 ng
RT: 9.727 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Tgt Ion:152 Resp: 67482

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.4
153	12.5	10.7	16.1

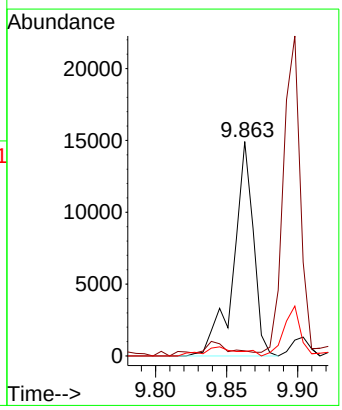


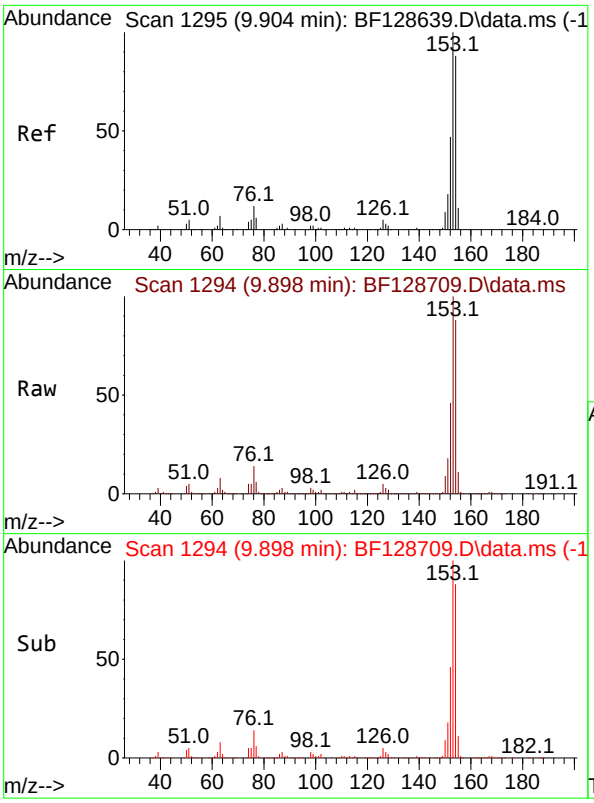


#51
2,6-Dinitrotoluene
Concen: 11.702 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Tgt Ion:165 Resp: 14512

Ion	Ratio	Lower	Upper
165	100		
63	2.4	44.9	67.3#
89	2.1	43.6	65.4#



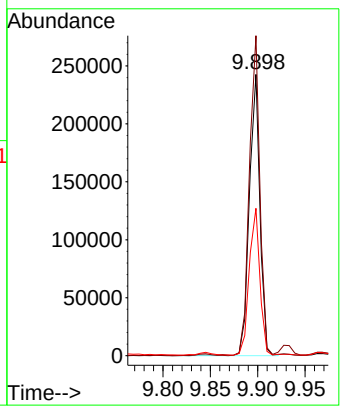


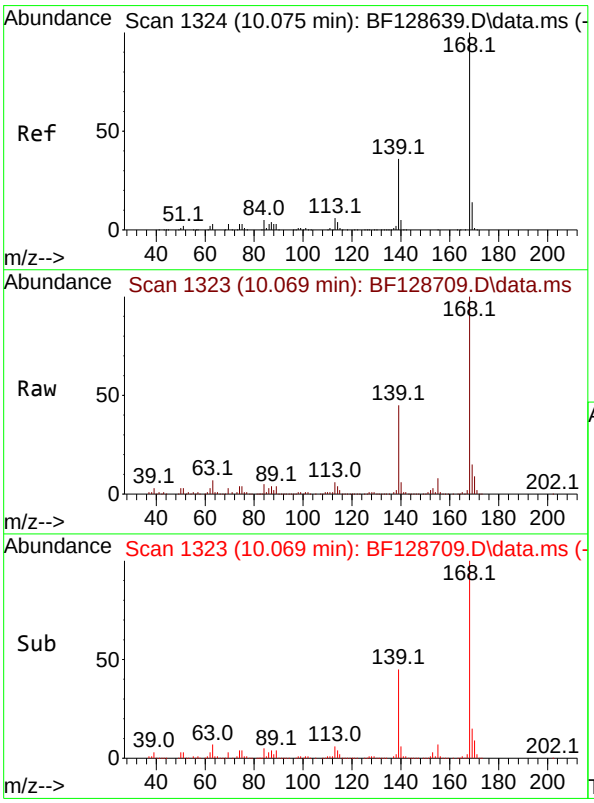
#52
Acenaphthene
Concen: 35.984 ng
RT: 9.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Tgt Ion:154 Resp: 188541

Ion	Ratio	Lower	Upper
154	100		
153	113.7	89.6	134.4
152	52.4	42.4	63.6

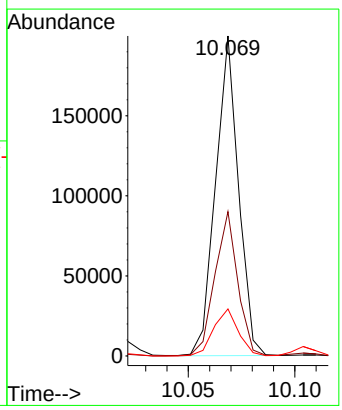


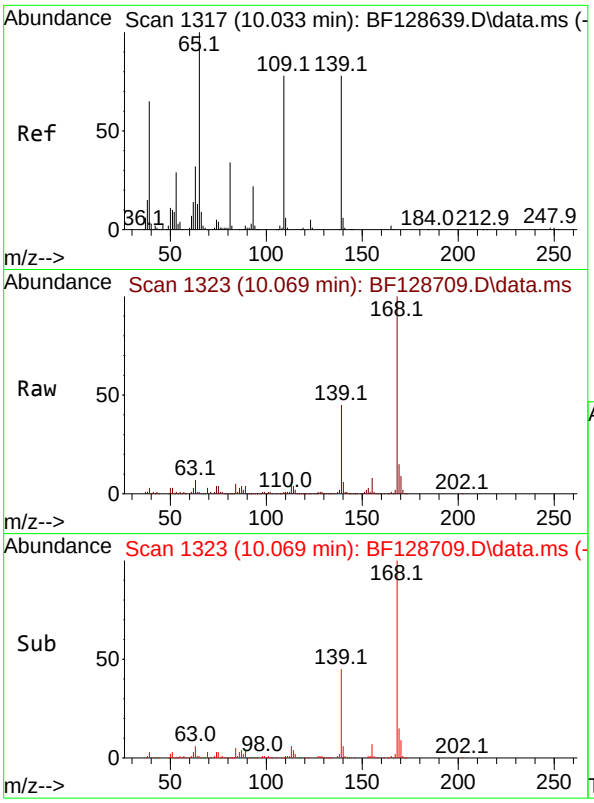


#55
Dibenzofuran
Concen: 19.782 ng
RT: 10.069 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Tgt Ion:168 Resp: 148963

Ion	Ratio	Lower	Upper
168	100		
139	45.1	30.6	46.0
169	14.7	11.0	16.6



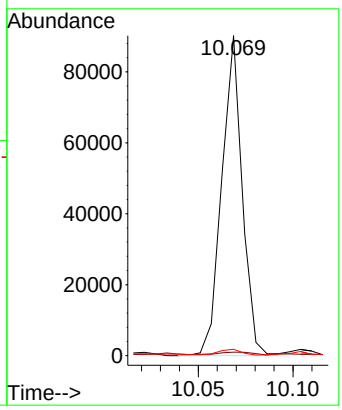


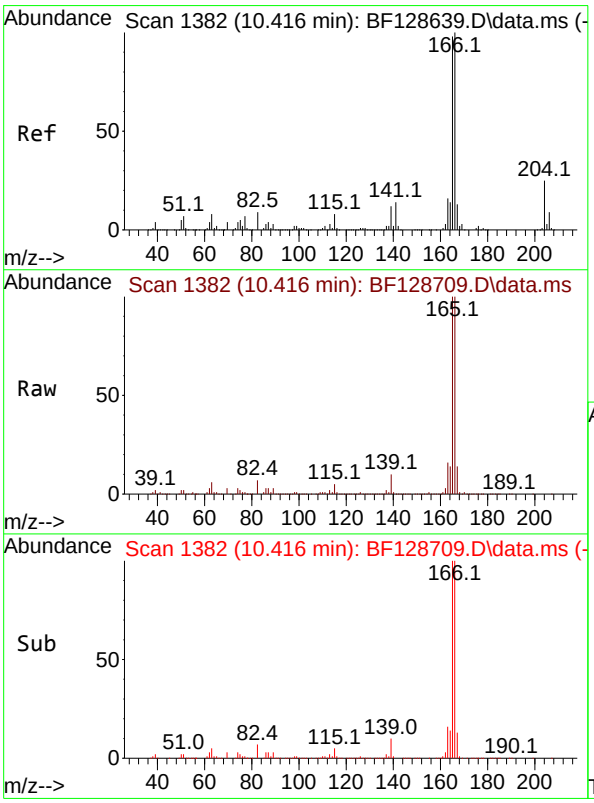
#56
4-Nitrophenol
Concen: 69.451 ng
RT: 10.069 min Scan# 1
Delta R.T. 0.035 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Tgt Ion:139 Resp: 67757

Ion	Ratio	Lower	Upper
139	100		
109	1.1	50.7	90.7#
65	2.0	74.5	114.5#

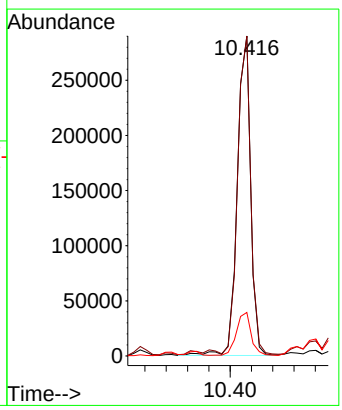


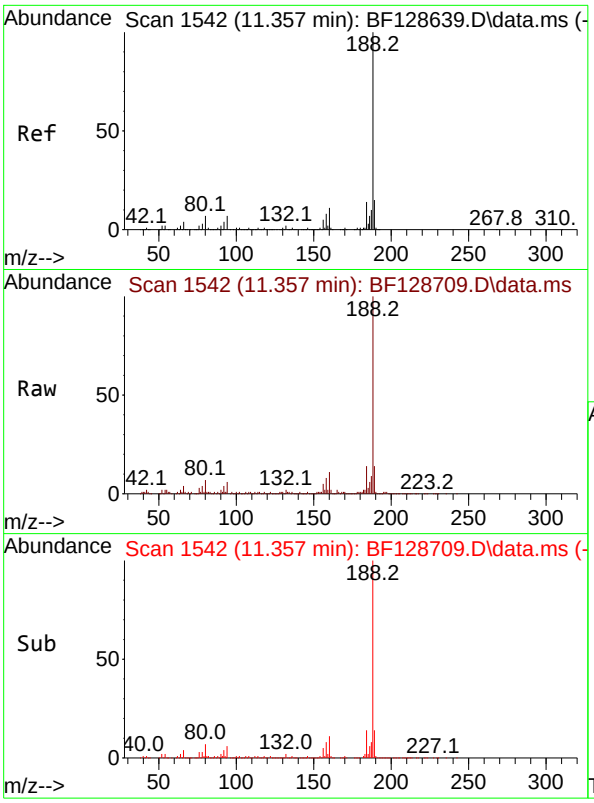


#58
Fluorene
Concen: 43.244 ng
RT: 10.416 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Tgt Ion:166 Resp: 252535

Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.1	117.1
167	13.6	10.5	15.7



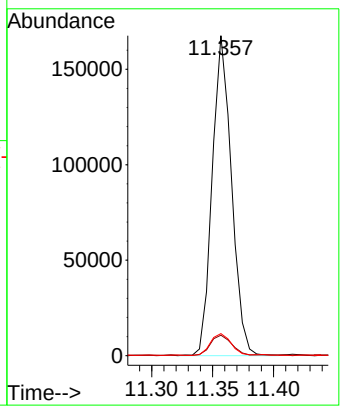


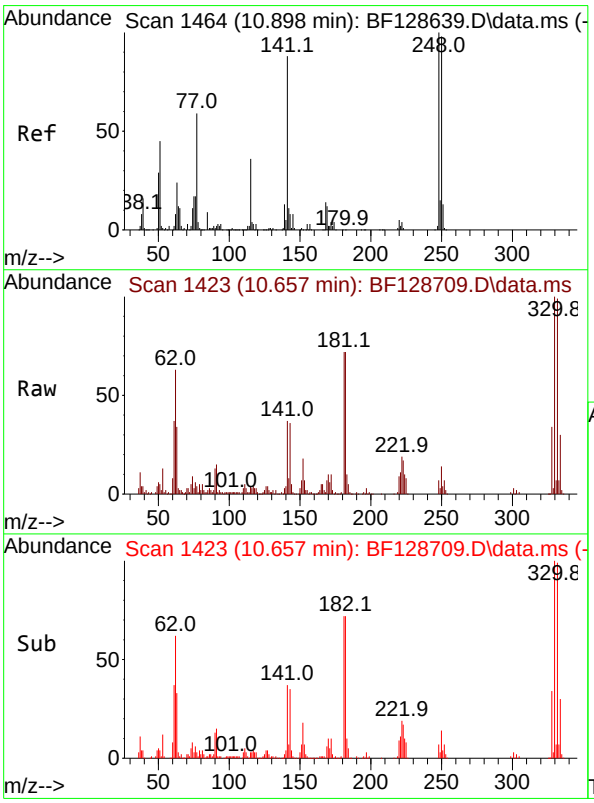
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Tgt Ion:188 Resp: 185315

Ion	Ratio	Lower	Upper
188	100		
94	6.4	7.0	10.6#
80	6.9	7.6	11.4#

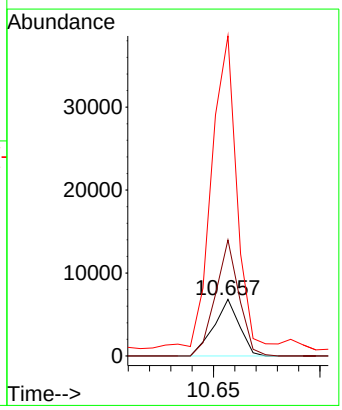


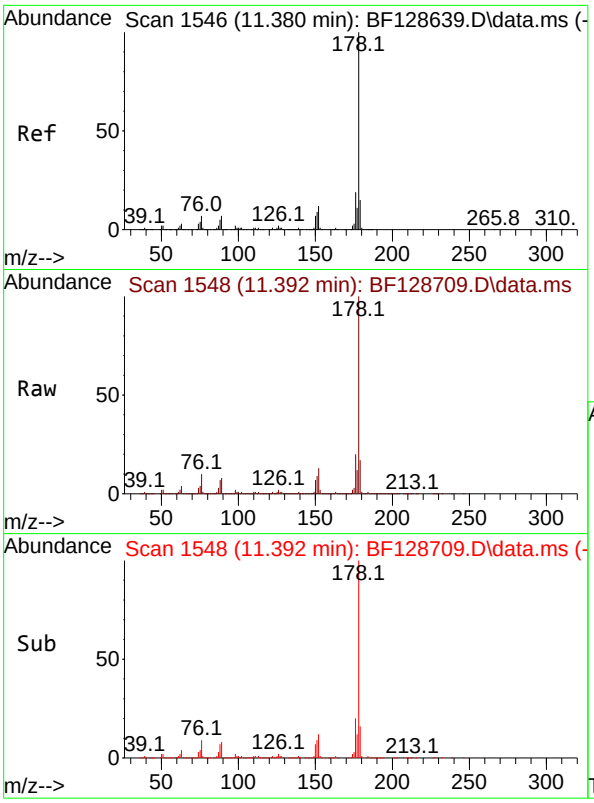


#67
4-Bromophenyl-phenylether
Concen: 2.750 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.241 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Tgt Ion:248 Resp: 5684

Ion	Ratio	Lower	Upper
248	100		
250	205.0	80.6	120.8#
141	565.5	58.9	88.3#



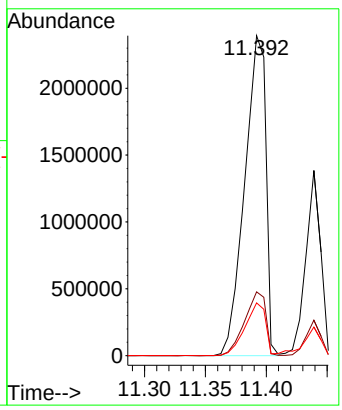


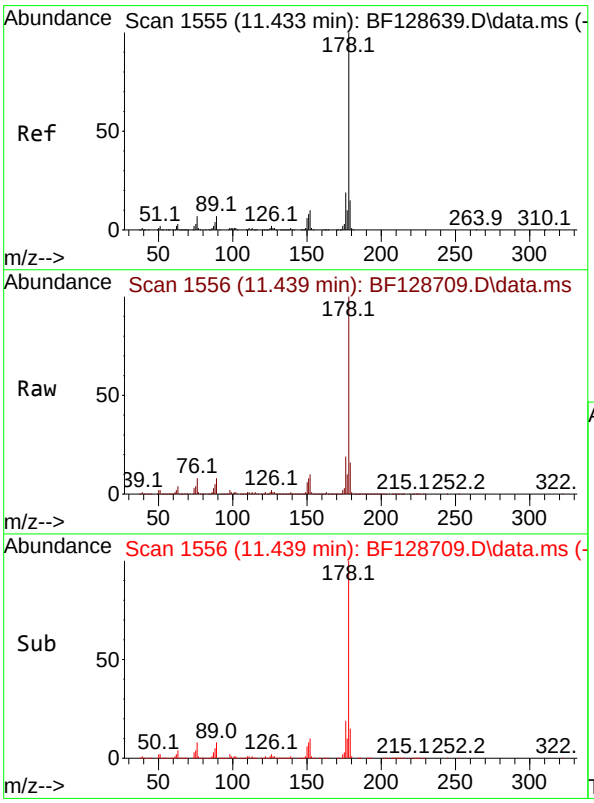
#71
Phenanthrene
Concen: 311.660 ng
RT: 11.392 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Tgt Ion:178 Resp: 2896885

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	16.5	12.6	19.0

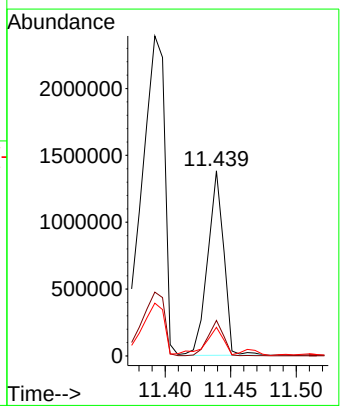


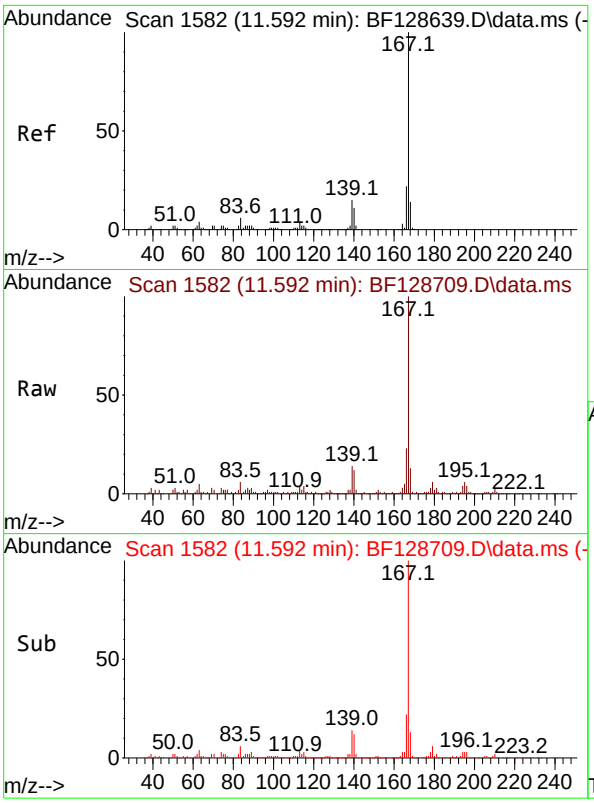


#72
Anthracene
Concen: 128.759 ng
RT: 11.439 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Tgt Ion:178 Resp: 1184591

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.5	12.6	19.0



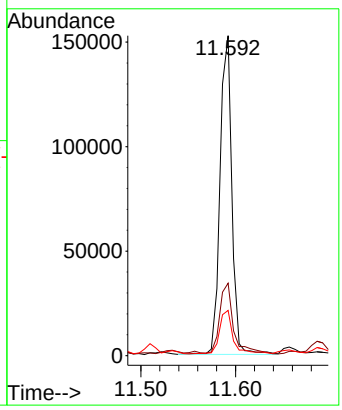


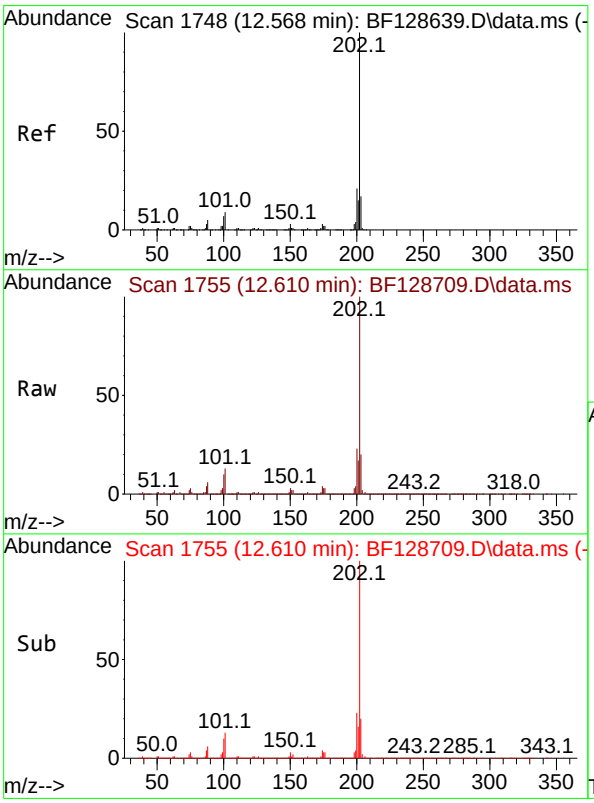
#73
Carbazole
Concen: 15.515 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Tgt Ion:167 Resp: 132576

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.7	26.5
139	14.2	11.2	16.8

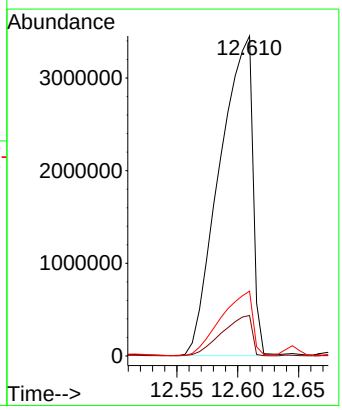


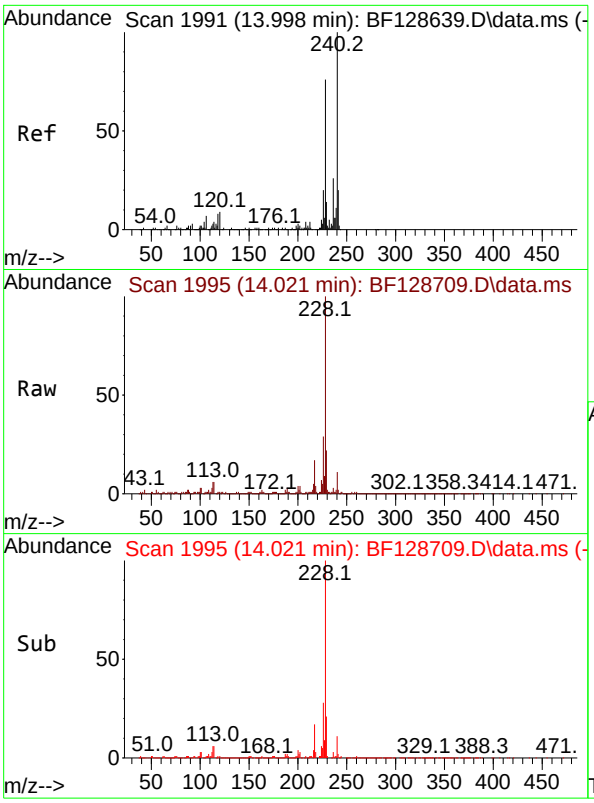


#75
Fluoranthene
Concen: 671.540 ng
RT: 12.610 min Scan# 1755
Delta R.T. 0.041 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Tgt Ion:202 Resp: 6524724

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.4
203	20.2	0.0	38.0



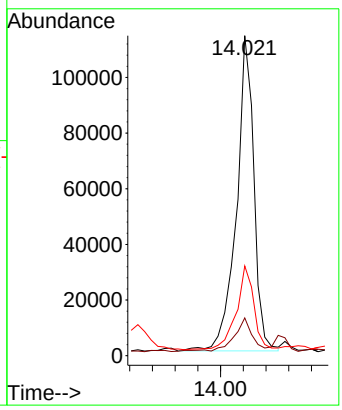


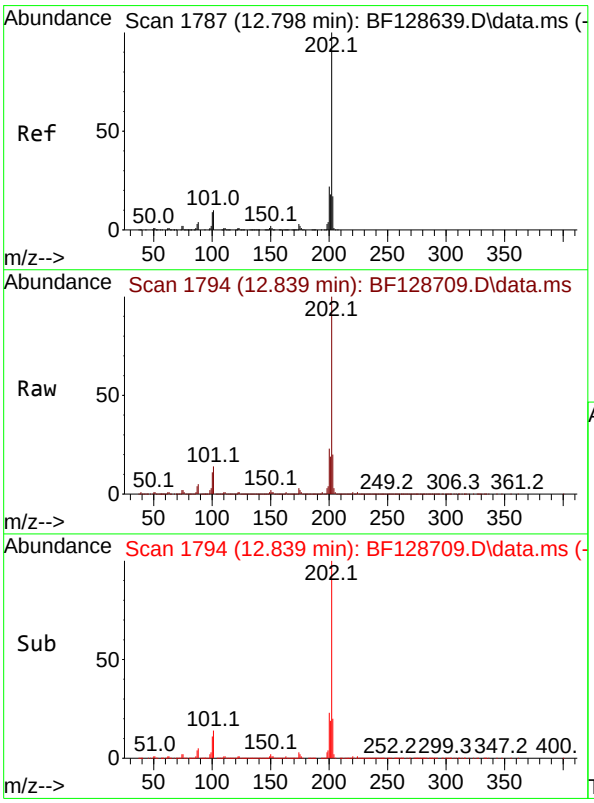
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1
Delta R.T. 0.023 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Tgt Ion:240 Resp: 120474

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	28.0	20.8	31.2

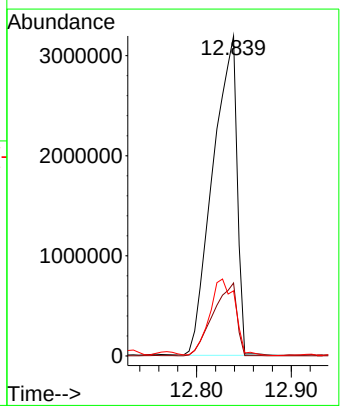


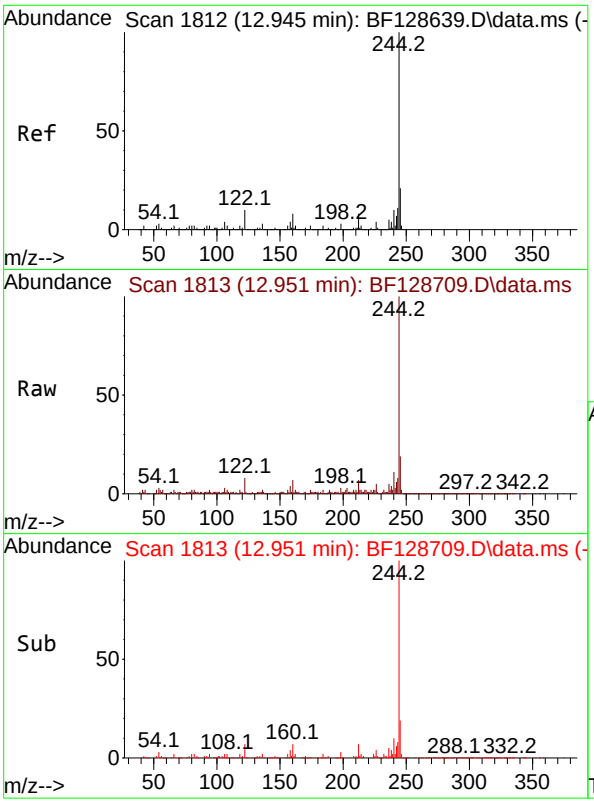


#78
Pyrene
Concen: 631.059 ng
RT: 12.839 min Scan# 1794
Delta R.T. 0.041 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Tgt Ion:202 Resp: 5656318

Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.7	26.5
203	20.4	14.6	21.8



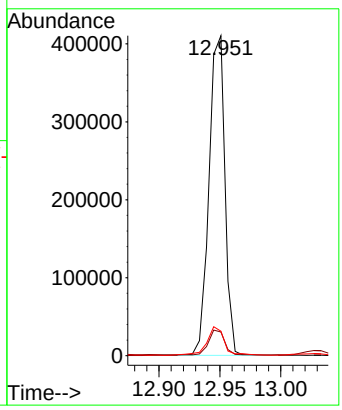


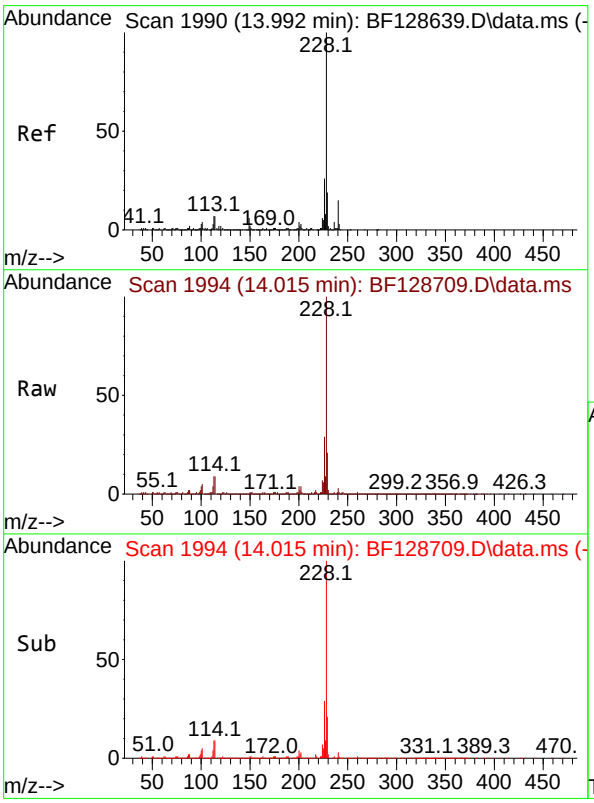
#79
Terphenyl-d14
Concen: 53.811 ng
RT: 12.951 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Tgt Ion:244 Resp: 373084

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	7.7	8.8	13.2#

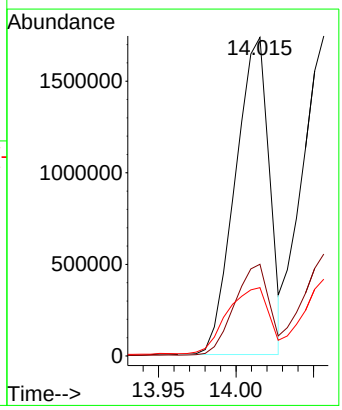


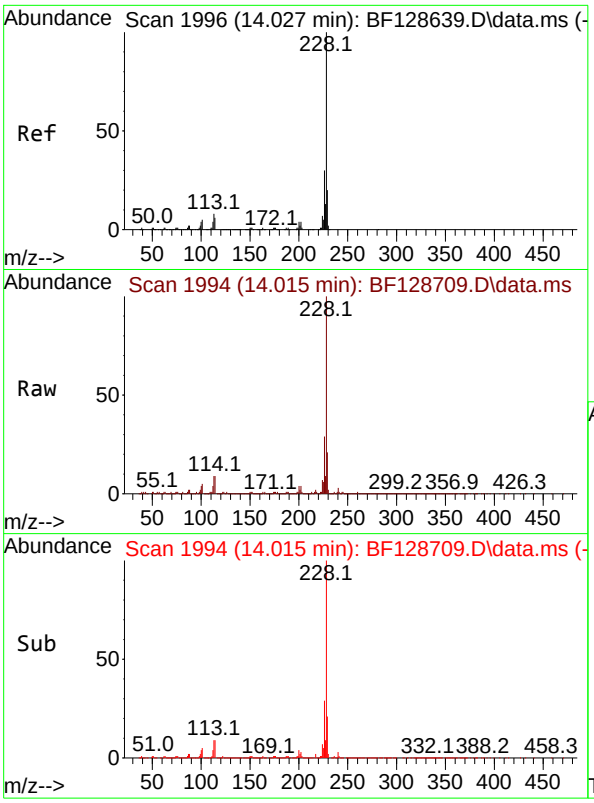


#81
Benzo(a)anthracene
Concen: 351.604 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.024 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Tgt Ion:228 Resp: 2640395

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.1	33.1
229	21.4	15.8	23.8



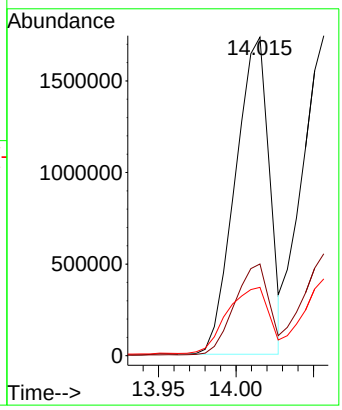


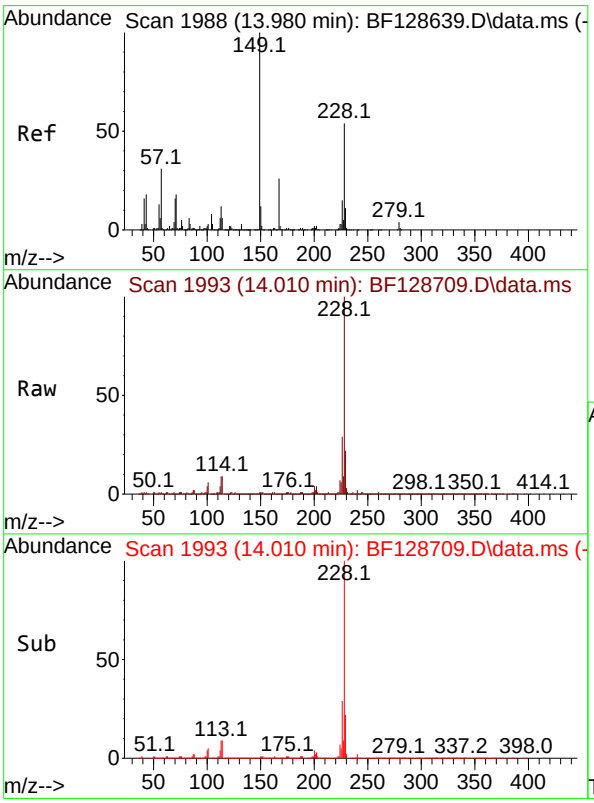
#83
Chrysene
Concen: 368.799 ng
RT: 14.015 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Tgt Ion:228 Resp: 2640395

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.3	36.5
229	21.4	15.9	23.9

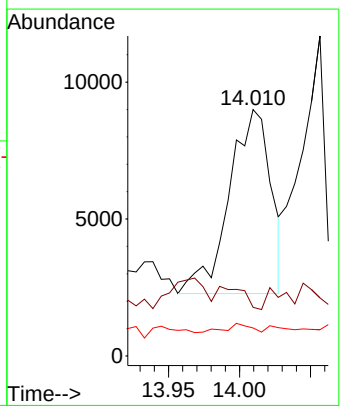


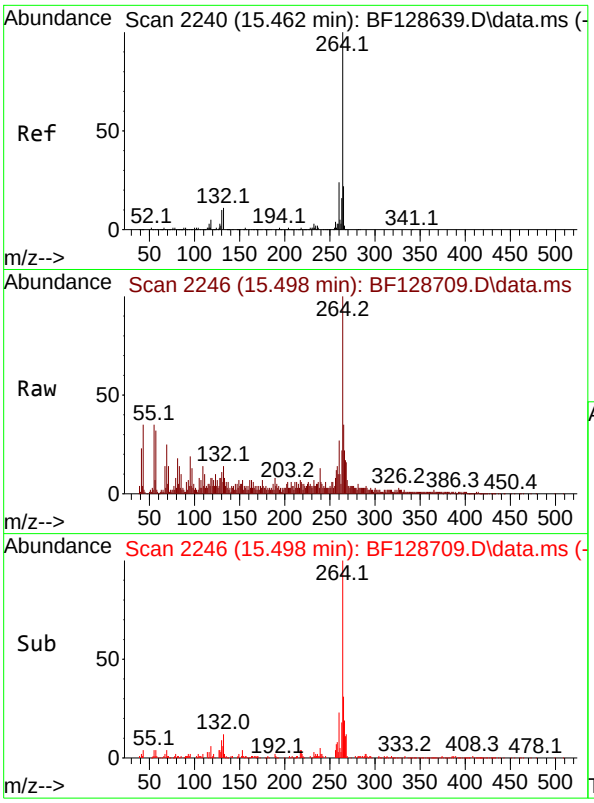


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.807 ng
RT: 14.010 min Scan# 1993
Delta R.T. 0.029 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Tgt Ion:149 Resp: 13736

Ion	Ratio	Lower	Upper
149	100		
167	19.7	21.0	31.4#
279	11.4	3.1	4.7#



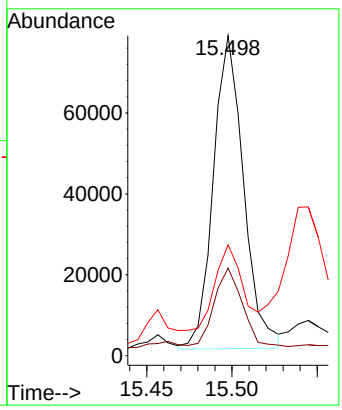


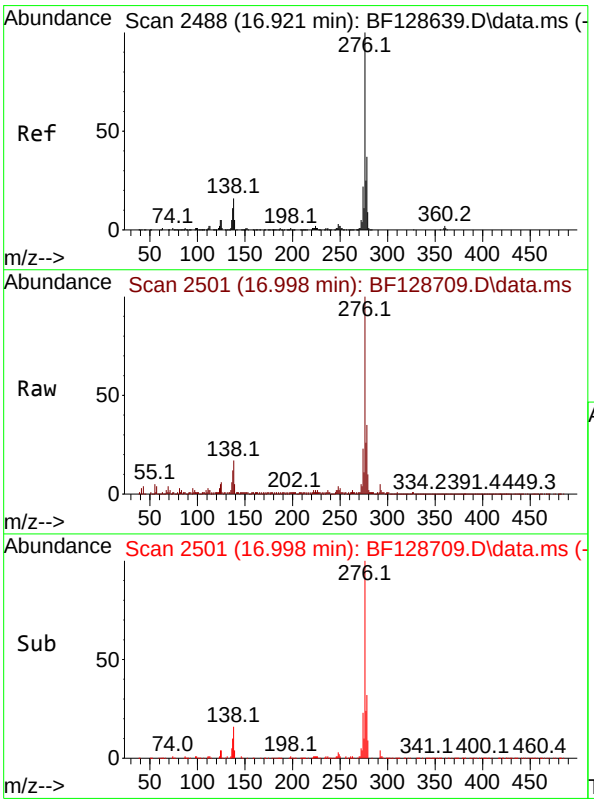
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2
Delta R.T. 0.036 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Tgt Ion:264 Resp: 95670

Ion	Ratio	Lower	Upper
264	100		
260	27.4	18.4	27.6
265	34.6	17.2	25.8#

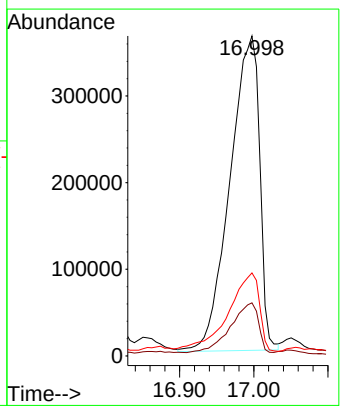


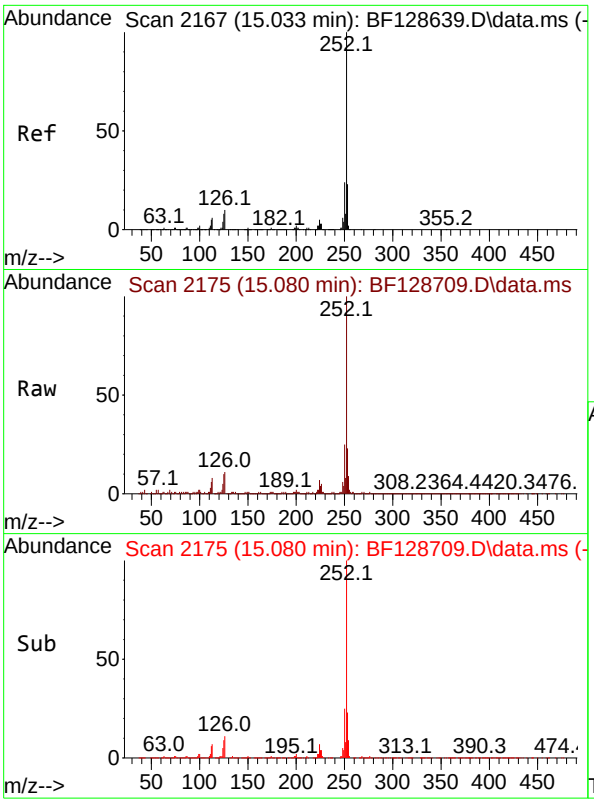


#87
Indeno(1,2,3-cd)pyrene
Concen: 174.983 ng
RT: 16.998 min Scan# 2501
Delta R.T. 0.076 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Tgt Ion:276 Resp: 1009004

Ion	Ratio	Lower	Upper
276	100		
138	15.1	21.1	31.7#
277	26.4	20.3	30.5



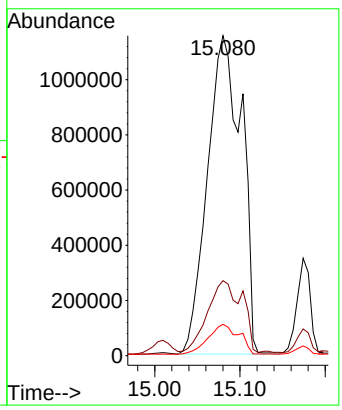


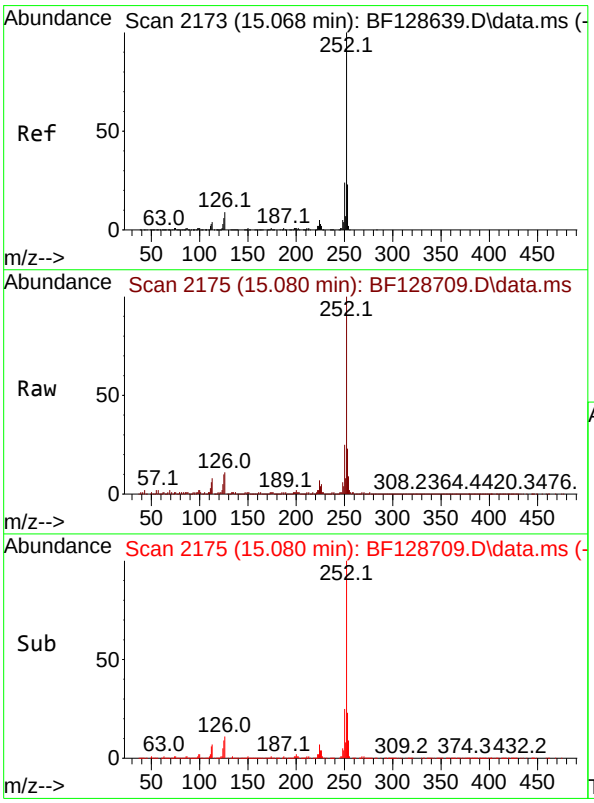
#88
Benzo(b)fluoranthene
Concen: 527.127 ng
RT: 15.080 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Tgt Ion:252 Resp: 3222427

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	9.8	8.0	12.0

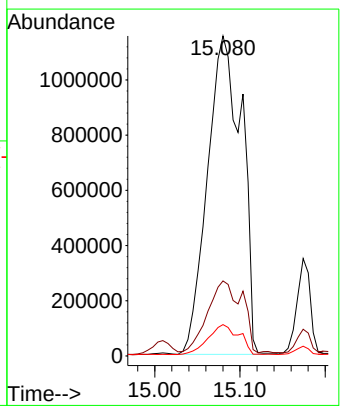


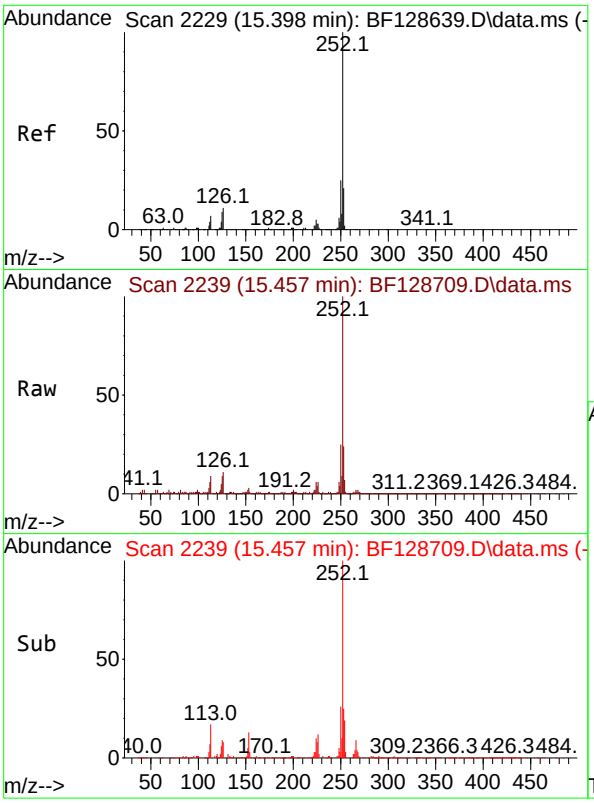


#89
Benzo(k)fluoranthene
Concen: 560.360 ng
RT: 15.080 min Scan# 2175
Delta R.T. 0.012 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Tgt Ion:252 Resp: 3222427

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	9.8	8.3	12.5



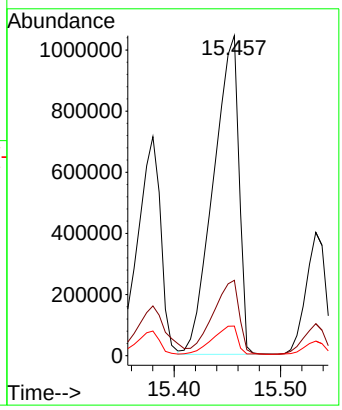


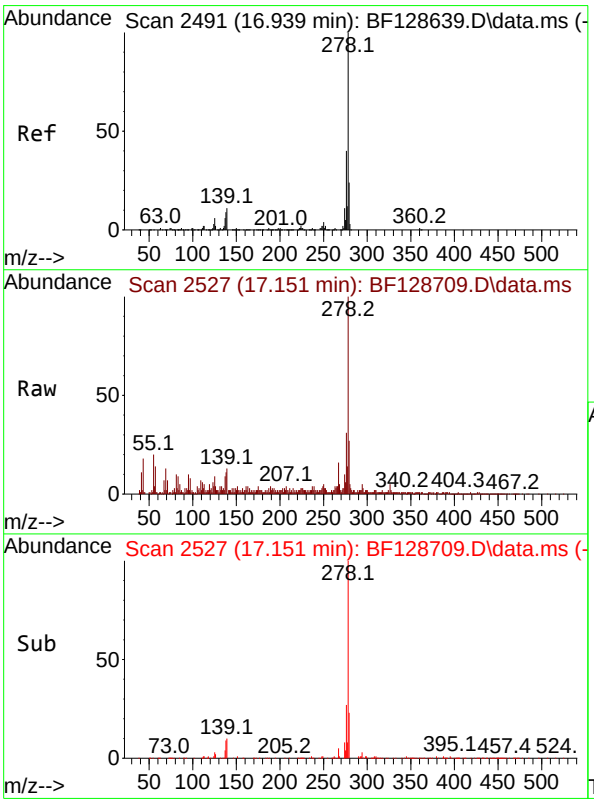
#90
Benzo(a)pyrene
Concen: 360.575 ng
RT: 15.457 min Scan# 2
Delta R.T. 0.059 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Tgt Ion:252 Resp: 1732473

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	9.2	8.8	13.2

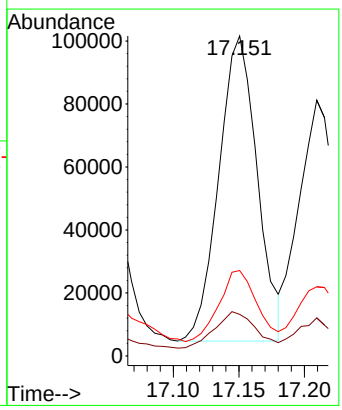


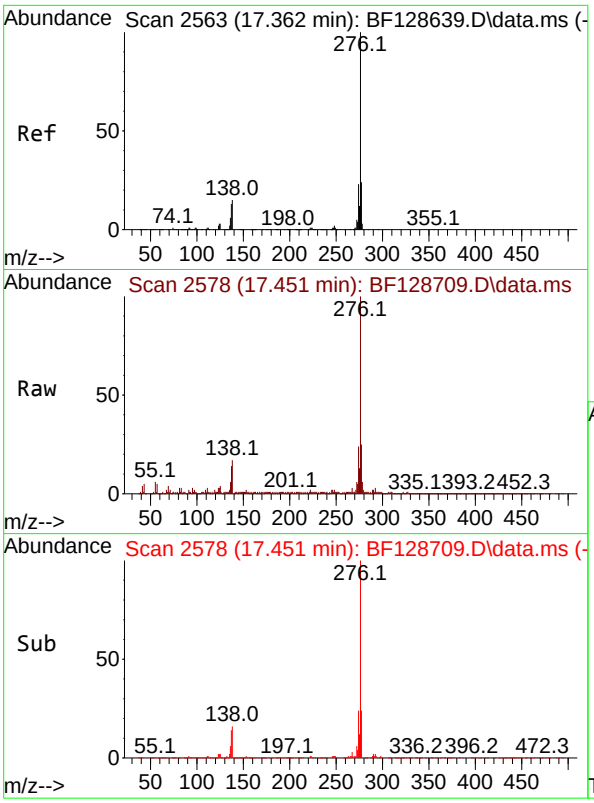


#91
Dibenzo(a,h)anthracene
Concen: 41.255 ng
RT: 17.151 min Scan# 2527
Delta R.T. 0.212 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Tgt Ion:278 Resp: 197322

Ion	Ratio	Lower	Upper
278	100		
139	13.0	12.8	19.2
279	26.7	18.6	28.0





#92
Benzo(g,h,i)perylene
Concen: 188.540 ng
RT: 17.451 min Scan# 2
Delta R.T. 0.088 min
Lab File: BF128709.D
Acq: 06 Jun 2022 21:25

Instrument :
BNA_F
ClientSampleId :
SU-3-060322

Tgt Ion:276 Resp: 893750

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.1	28.7
138	16.9	18.0	27.0#