Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
Data File : BF127552.D
Acq On : 28 Mar 2022 20:03
Operator : CG\JU
Sample : N2095-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)

Quant Time: Mar 29 07:17:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 07:13:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	93659	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	343498	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	204341	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	366060	20.000	ng	0.00
76) Chrysene-d12	14.009	240	231968	20.000	ng	0.00
86) Perylene-d12	15.492	264	200185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	480600	81.908	ng	0.00
7) Phenol-d6	6.469	99	507820	63.315	ng	-0.01
23) Nitrobenzene-d5	7.404	82	687501	85.554	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	239733	110.133	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1142820	81.667	ng	0.00
79) Terphenyl-d14	12.951	244	1263770	89.185	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	285	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	93939	19.540	ng #	80
20) 3+4-Methylphenols	7.269	107	18485	2.962	ng #	48
25) Isophorone	7.404	82	687495	53.716	ng #	70
31) Naphthalene	8.133	128	158374	8.684	ng	99
32) Benzoic acid	7.922	122	9538	9.043	ng #	7
33) 4-Chloroaniline	8.133	127	20454	2.894	ng #	29
37) 2-Methylnaphthalene	8.833	142	34478	2.940	ng	92
38) 1-Methylnaphthalene	8.927	142	26210	2.260	ng	96
51) 2,6-Dinitrotoluene	9.869	165	26712	8.952	ng #	17
55) Dibenzofuran	10.080	168	23466	Below Cal		99
56) 4-Nitrophenol	10.080	139	9020	5.414	ng #	1
57) 2,4-Dinitrotoluene	9.869	165	26712	6.955	ng #	14
67) 4-Bromophenyl-phenylether	10.663	248	15790	3.695	ng #	1
71) Phenanthrene	11.386	178	129026	6.761	ng	99
75) Fluoranthene	12.580	202	112969	5.382	ng	98
77) Benzidine	12.951	184	15910	2.876	ng #	92
78) Pyrene	12.810	202	92357	4.639	ng	99
81) Benzo(a)anthracene	14.004	228	36347	2.343	ng	100
83) Chrysene	14.039	228	32276	2.197	ng	97
88) Benzo(b)fluoranthene	15.068	252	42118	3.337	ng #	98
89) Benzo(k)fluoranthene	15.068	252	42118	3.219	ng #	98
90) Benzo(a)pyrene	15.439	252	23666	2.285	ng	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
Data File : BF127552.D
Acq On : 28 Mar 2022 20:03
Operator : CG\JU
Sample : N2095-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)

Quant Time: Mar 29 07:17:10 2022
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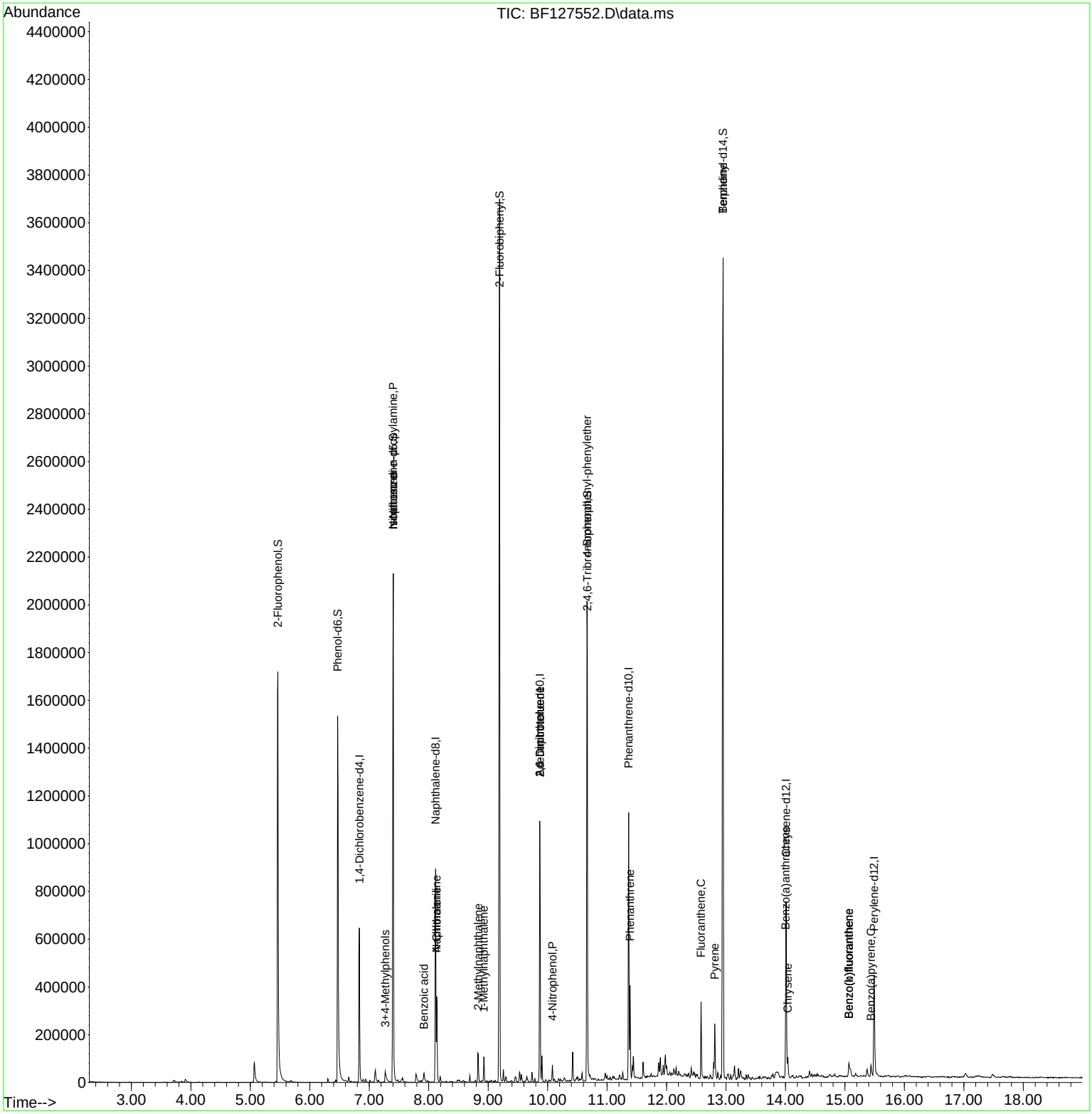
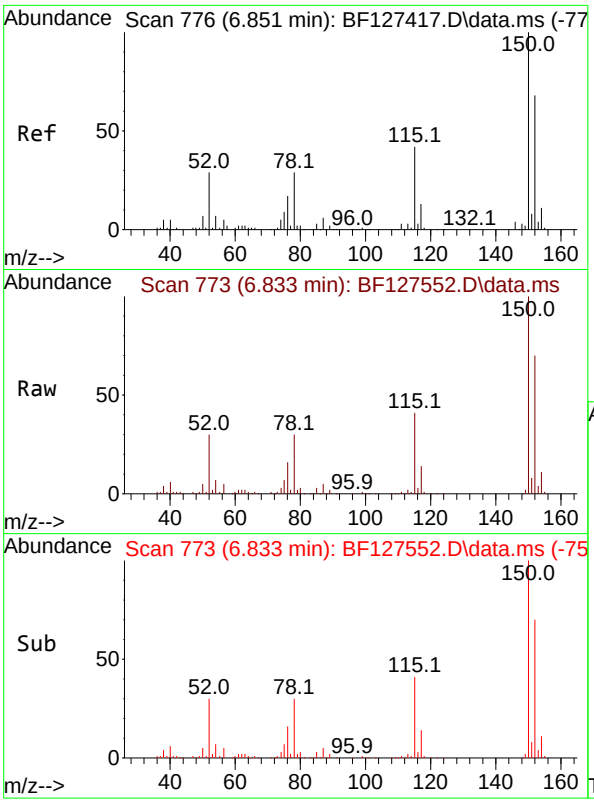
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 07:13:31 2022
Response via : Initial Calibration



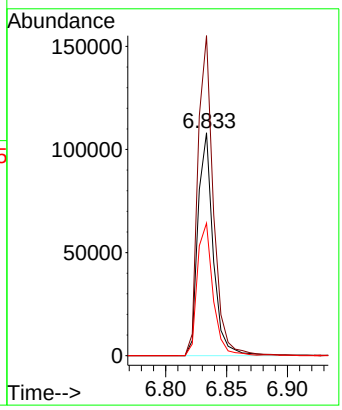


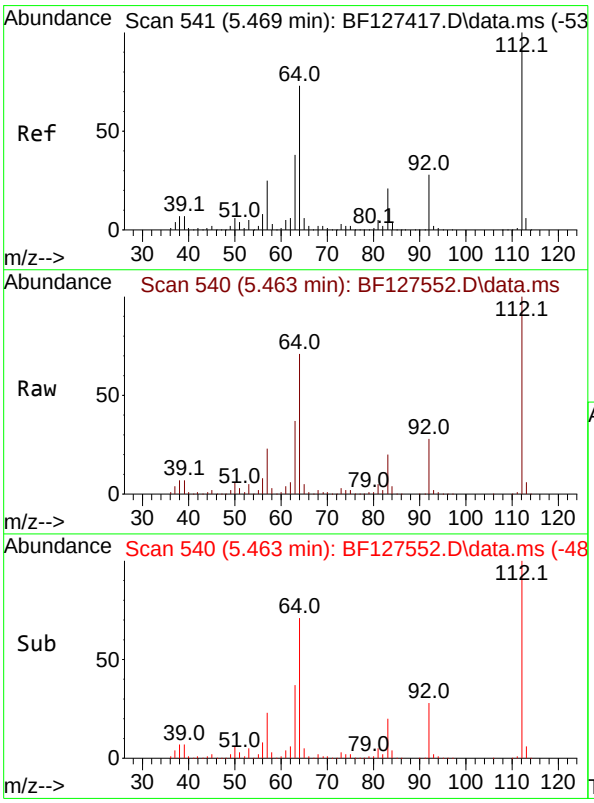
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)

Tgt Ion:152 Resp: 93659

Ion	Ratio	Lower	Upper
152	100		
150	143.6	117.2	175.8
115	59.4	49.8	74.6

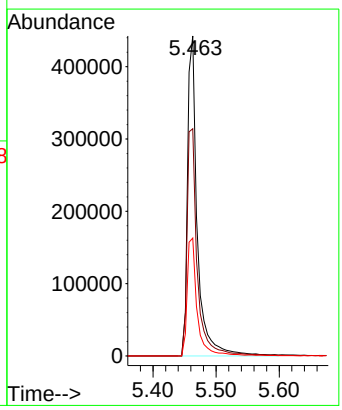


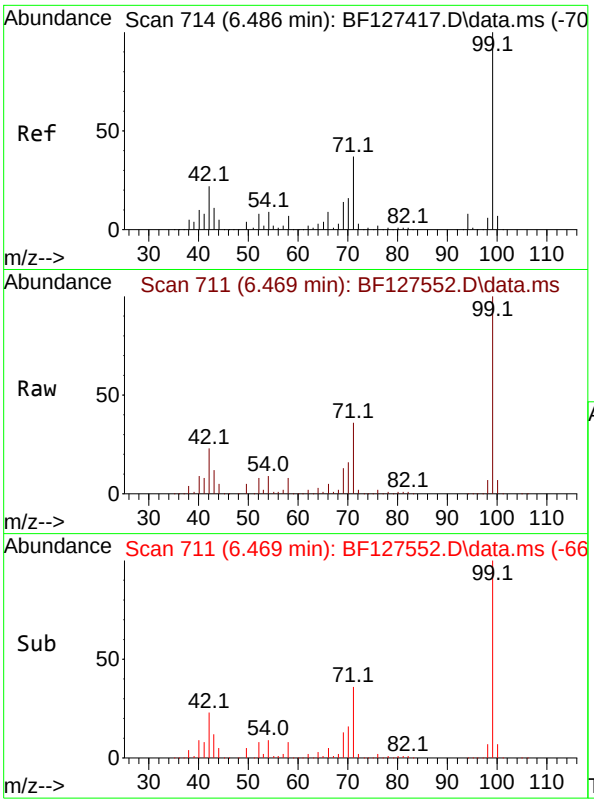


#5
2-Fluorophenol
Concen: 81.908 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Tgt Ion:112 Resp: 480600

Ion	Ratio	Lower	Upper
112	100		
64	71.0	58.4	87.6
63	36.9	30.1	45.1



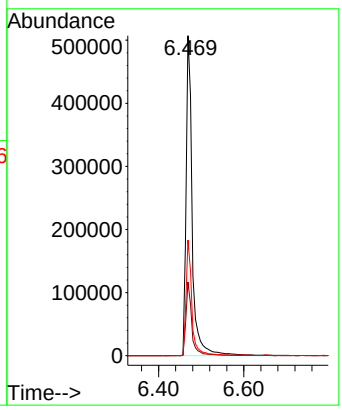


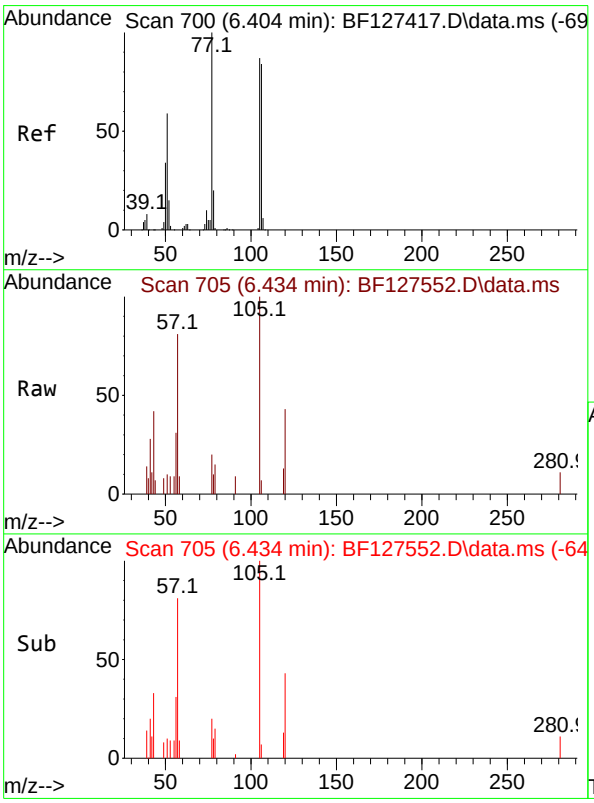
#7
Phenol-d6
Concen: 63.315 ng
RT: 6.469 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)

Tgt Ion: 99 Resp: 507820

Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.8	26.6
71	36.2	29.6	44.4

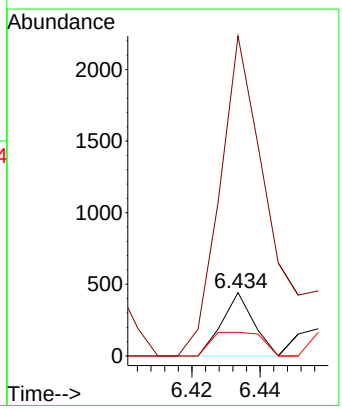


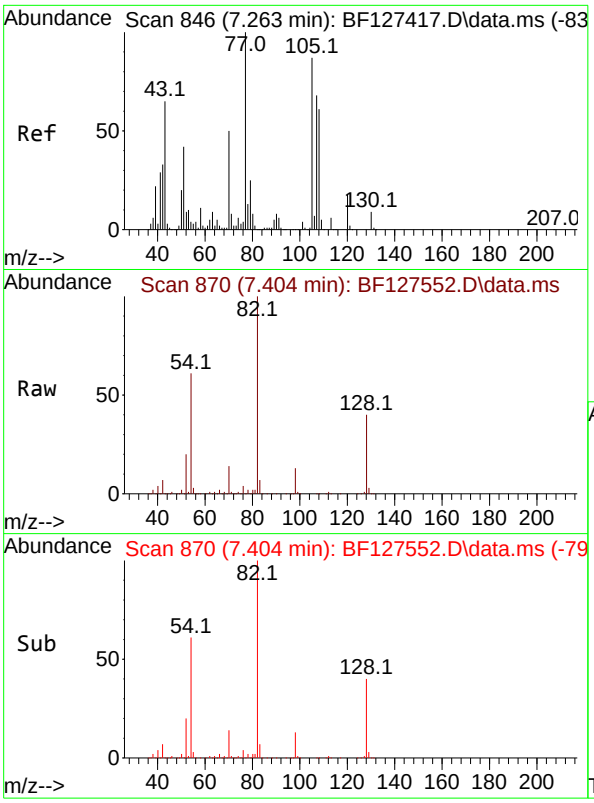


#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 705
Delta R.T. 0.041 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Tgt Ion: 77 Resp: 285

Ion	Ratio	Lower	Upper
77	100		
105	505.4	66.8	106.8#
106	37.3	64.3	104.3#



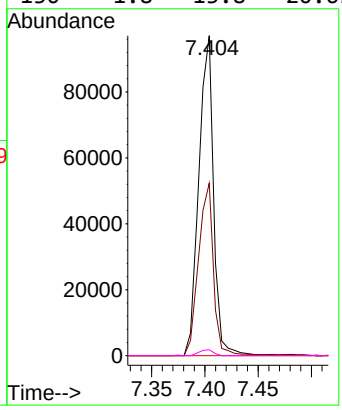


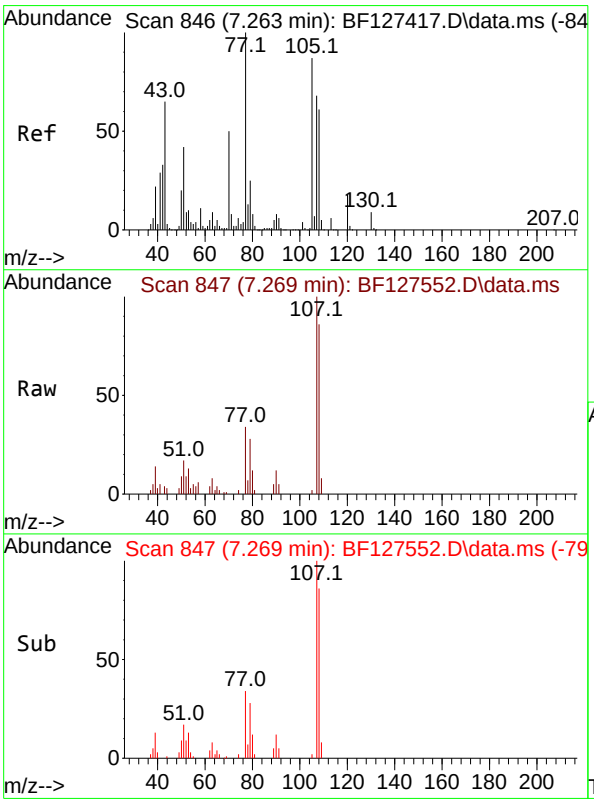
#19
n-Nitroso-di-n-propylamine
Concen: 19.540 ng
RT: 7.404 min Scan# 8
Delta R.T. 0.153 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)

Tgt Ion: 70 Resp: 93939

Ion	Ratio	Lower	Upper
70	100		
42	53.9	53.0	79.6
101	0.0	6.8	10.2#
130	1.8	13.8	20.6#

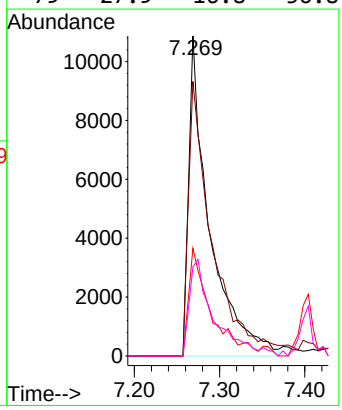


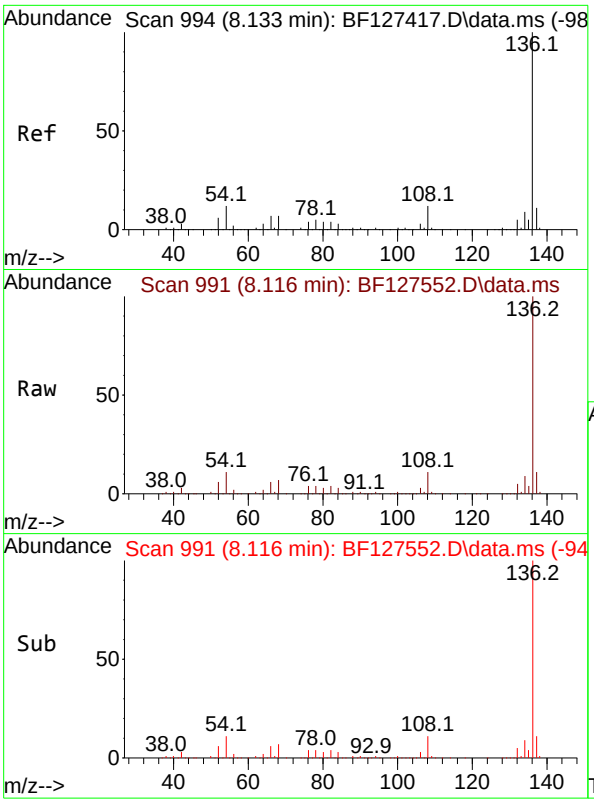


#20
3+4-Methylphenols
Concen: 2.962 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.018 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Tgt Ion:107 Resp: 18485

Ion	Ratio	Lower	Upper
107	100		
108	85.8	70.7	110.7
77	33.7	127.9	167.9#
79	27.9	16.8	56.8



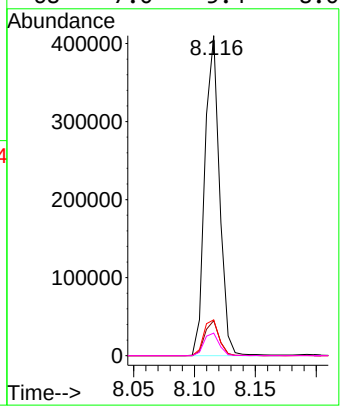


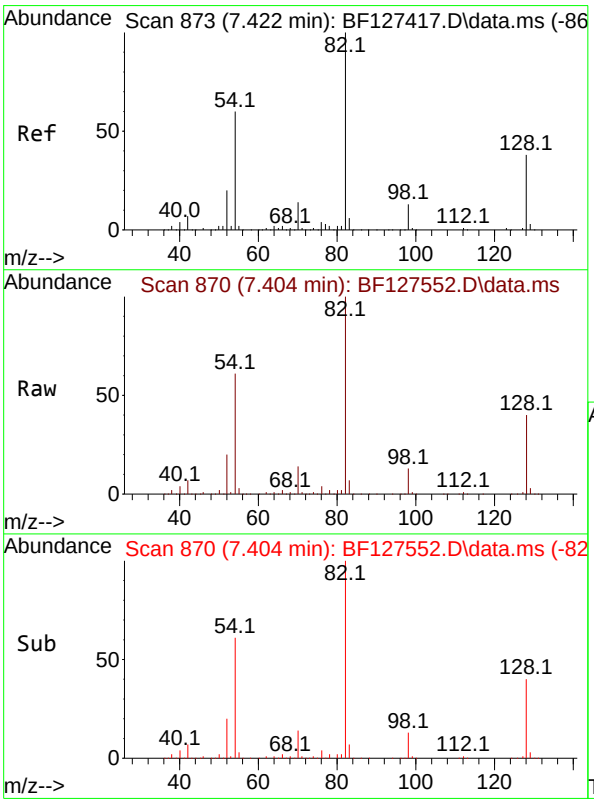
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)

Tgt Ion:136 Resp: 343498

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	11.2	9.2	13.8
68	7.0	5.4	8.0

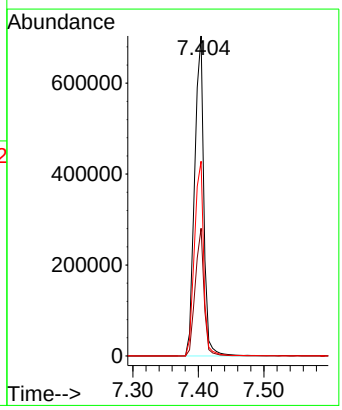


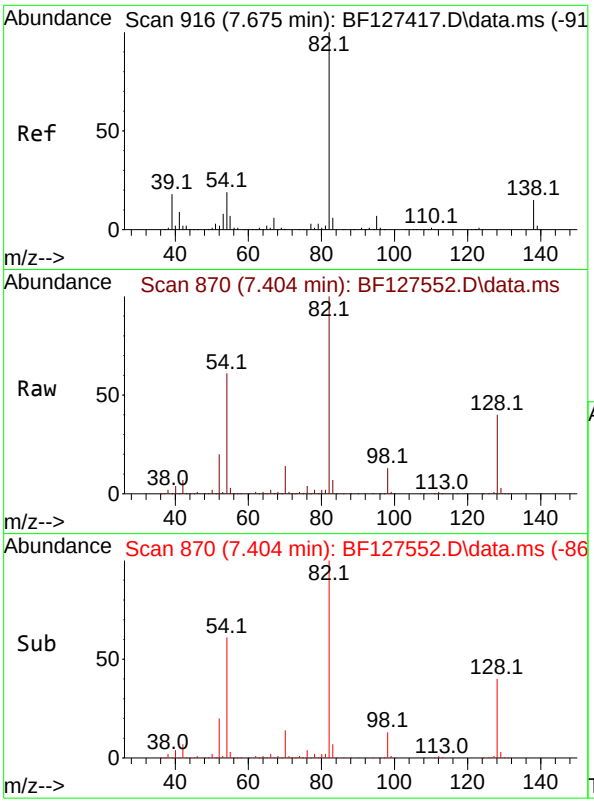


#23
Nitrobenzene-d5
Concen: 85.554 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Tgt Ion: 82 Resp: 687501

Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.6	45.8
54	60.8	48.2	72.2



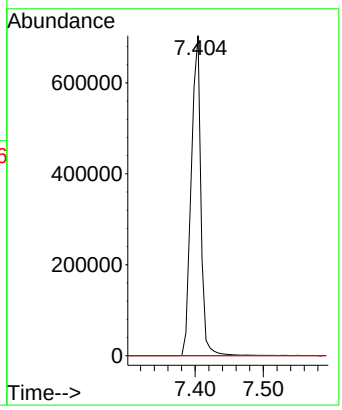


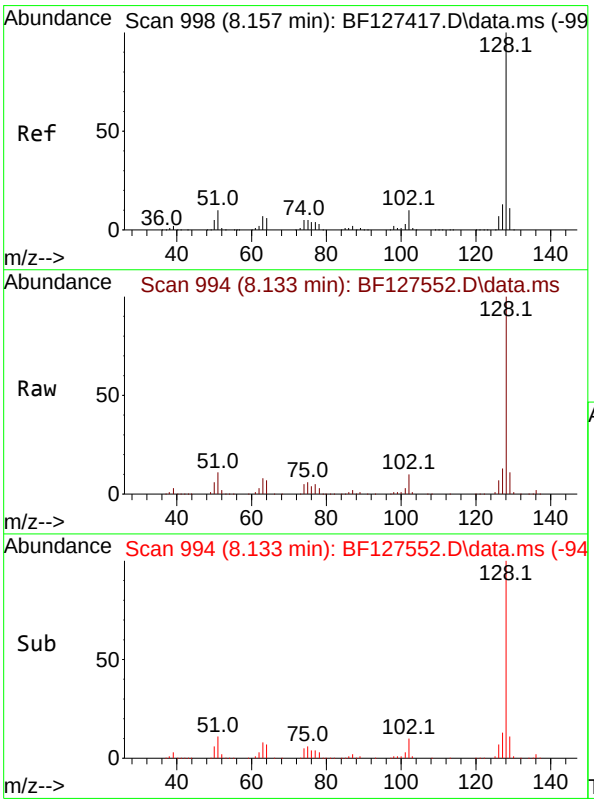
#25
Isophorone
Concen: 53.716 ng
RT: 7.404 min Scan# 8
Delta R.T. -0.259 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)

Tgt Ion: 82 Resp: 687495

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	11.6	17.4#

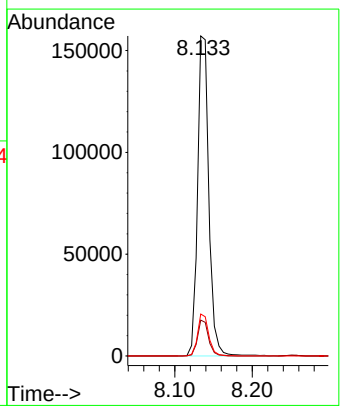


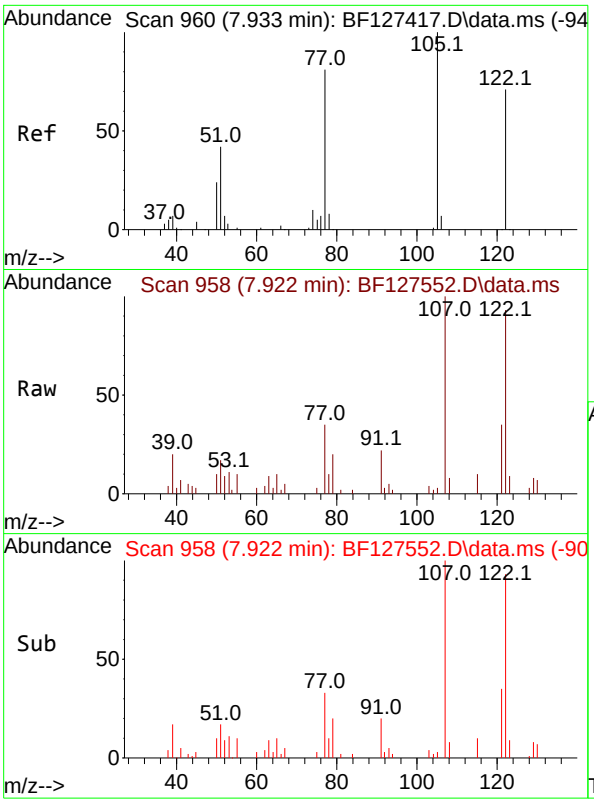


#31
Naphthalene
Concen: 8.684 ng
RT: 8.133 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Tgt Ion:128 Resp: 158374

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.4	12.6
127	13.1	10.2	15.2



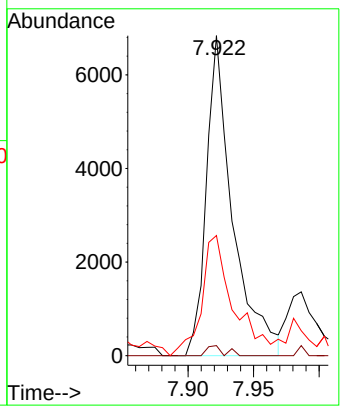


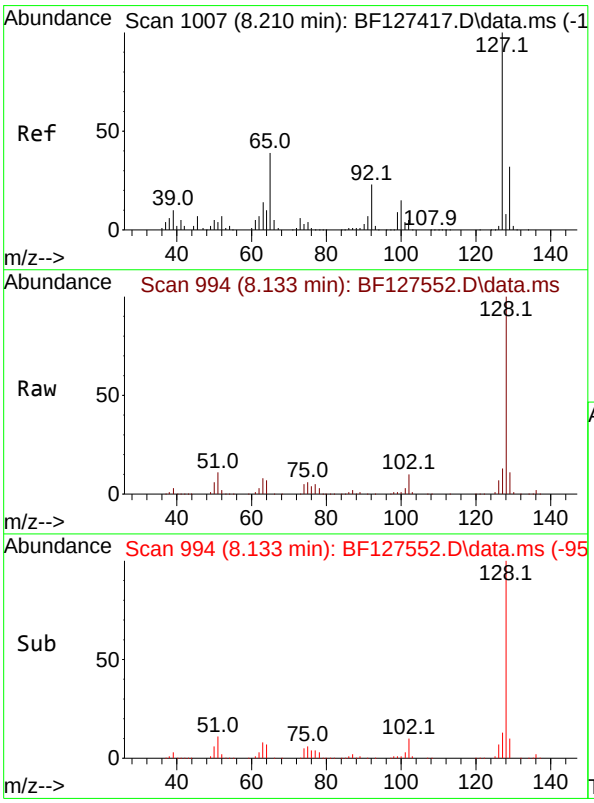
#32
Benzoic acid
Concen: 9.043 ng
RT: 7.922 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)

Tgt Ion:122 Resp: 9538

Ion	Ratio	Lower	Upper
122	100		
105	3.1	117.1	157.1#
77	37.6	93.0	133.0#

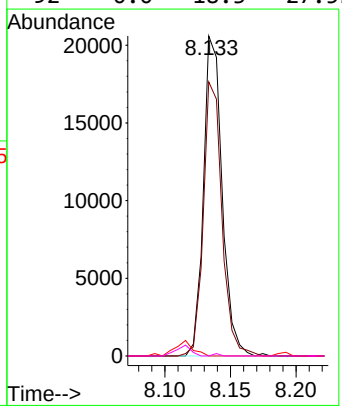


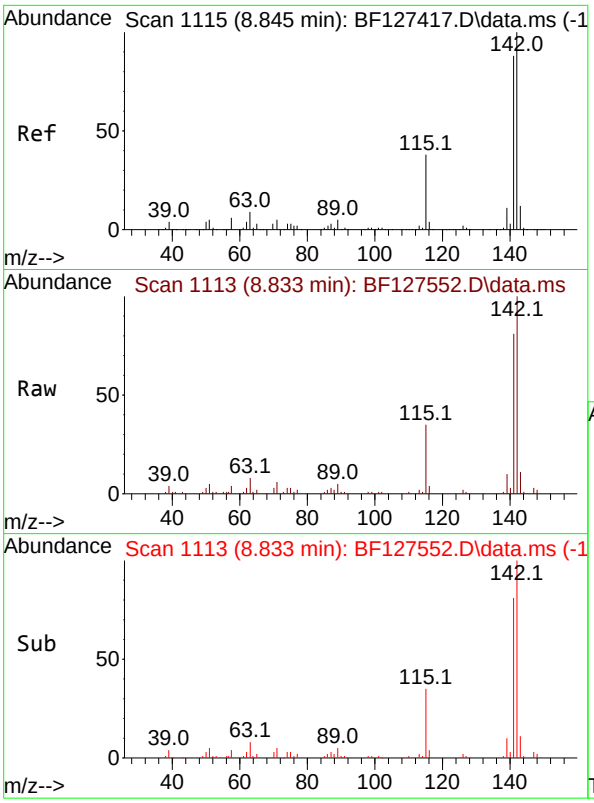


#33
4-Chloroaniline
Concen: 2.894 ng
RT: 8.133 min Scan# 994
Delta R.T. -0.065 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Tgt Ion:127 Resp: 20454

Ion	Ratio	Lower	Upper
127	100		
129	85.7	25.9	38.9#
65	0.0	31.4	47.0#
92	0.0	18.3	27.5#



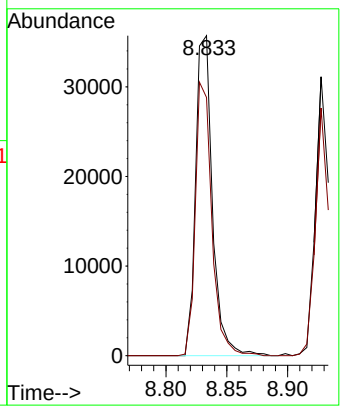


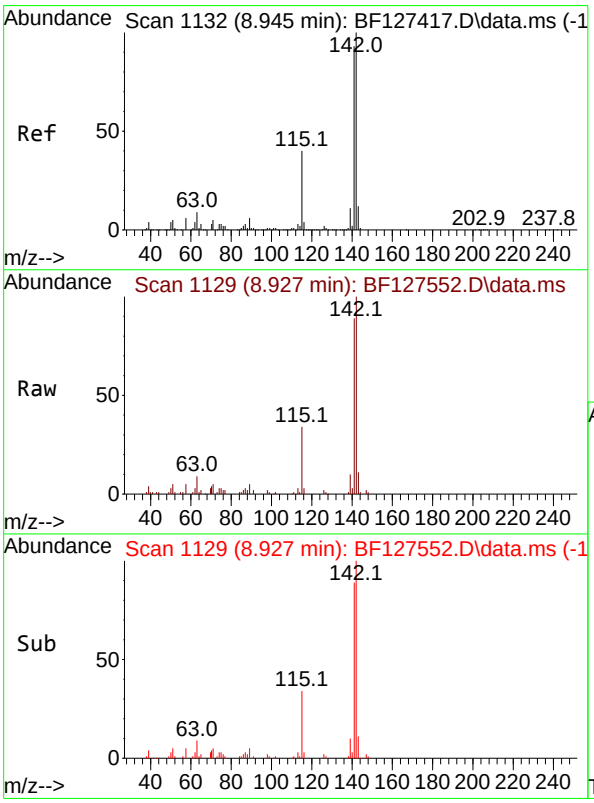
#37
2-Methylnaphthalene
Concen: 2.940 ng
RT: 8.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)

Tgt Ion:142 Resp: 34478

Ion	Ratio	Lower	Upper
142	100		
141	80.7	70.6	106.0

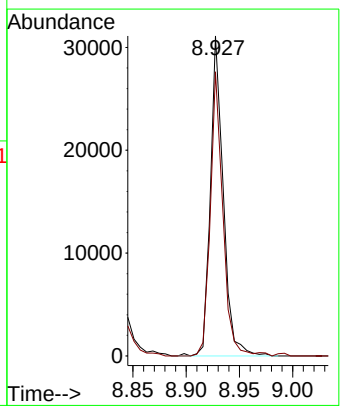


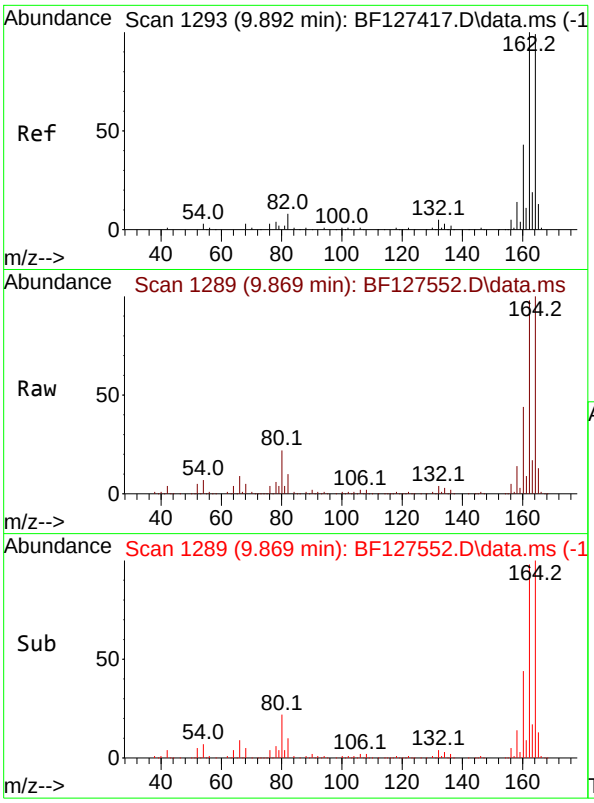


#38
1-Methylnaphthalene
Concen: 2.260 ng
RT: 8.927 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Tgt Ion:142 Resp: 26210

Ion	Ratio	Lower	Upper
142	100		
141	88.8	74.2	111.2



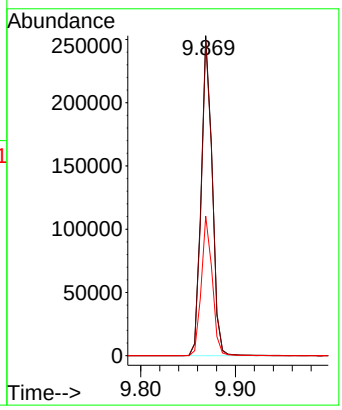


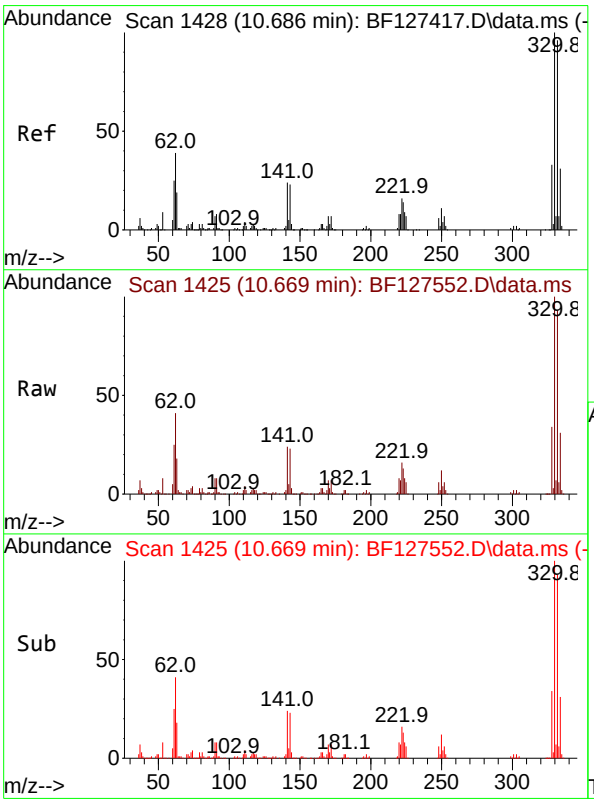
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)

Tgt Ion:164 Resp: 204341

Ion	Ratio	Lower	Upper
164	100		
162	98.5	81.2	121.8
160	43.6	34.6	52.0

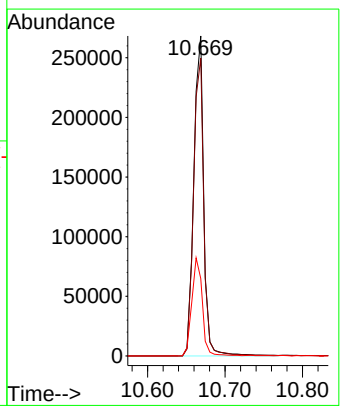


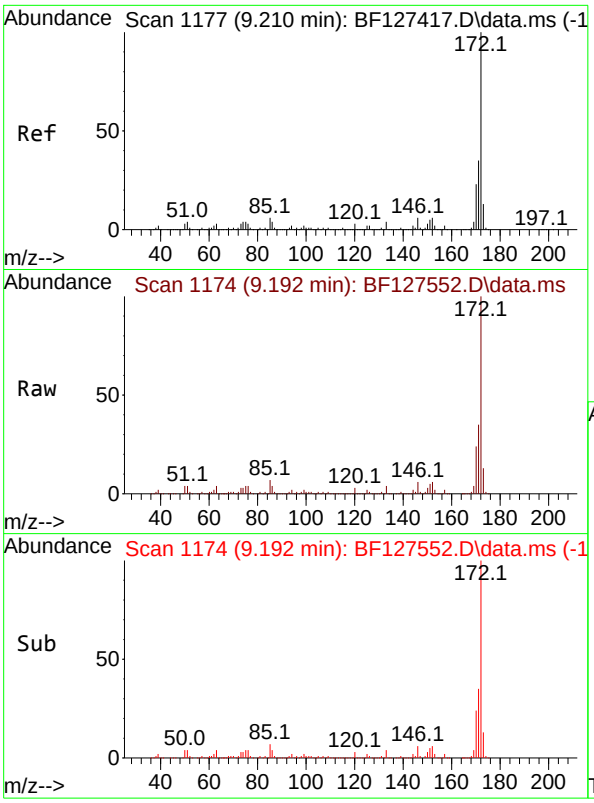


#42
2,4,6-Tribromophenol
Concen: 110.133 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Tgt Ion:330 Resp: 239733

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.1	118.7
141	32.4	26.2	39.4



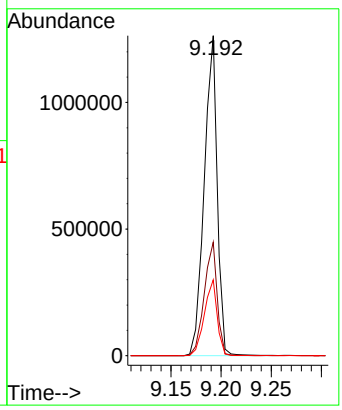


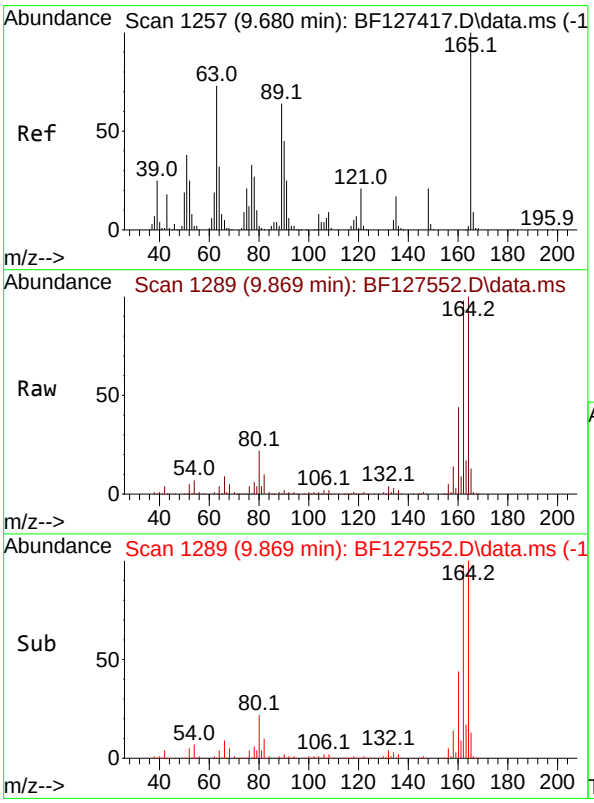
#45
2-Fluorobiphenyl
Concen: 81.667 ng
RT: 9.192 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)

Tgt Ion:172 Resp: 1142820

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.4	42.6
170	23.7	18.6	27.8

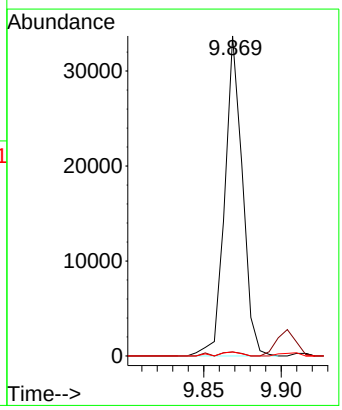


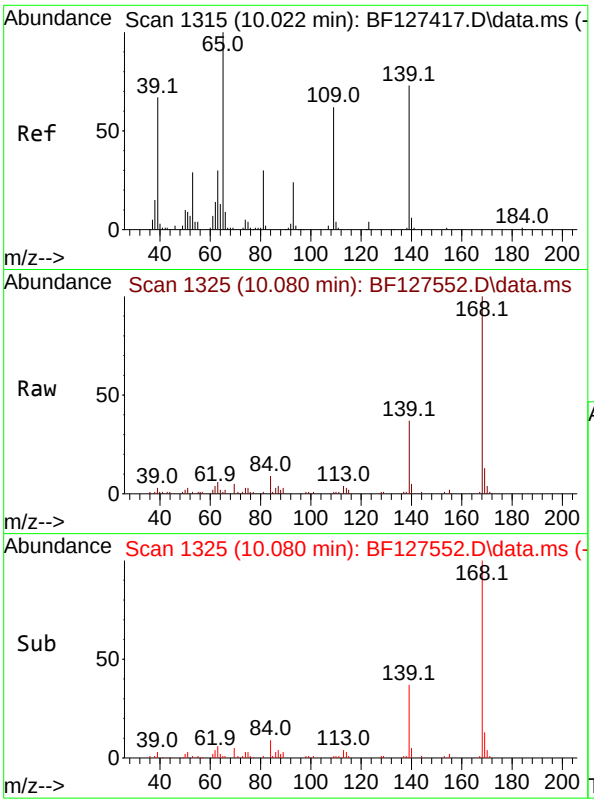


#51
2,6-Dinitrotoluene
Concen: 8.952 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Tgt Ion:165 Resp: 26712

Ion	Ratio	Lower	Upper
165	100		
63	1.2	58.3	87.5#
89	1.3	51.5	77.3#



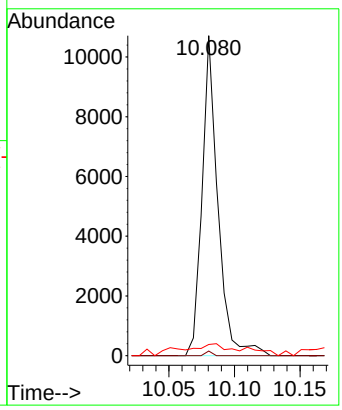


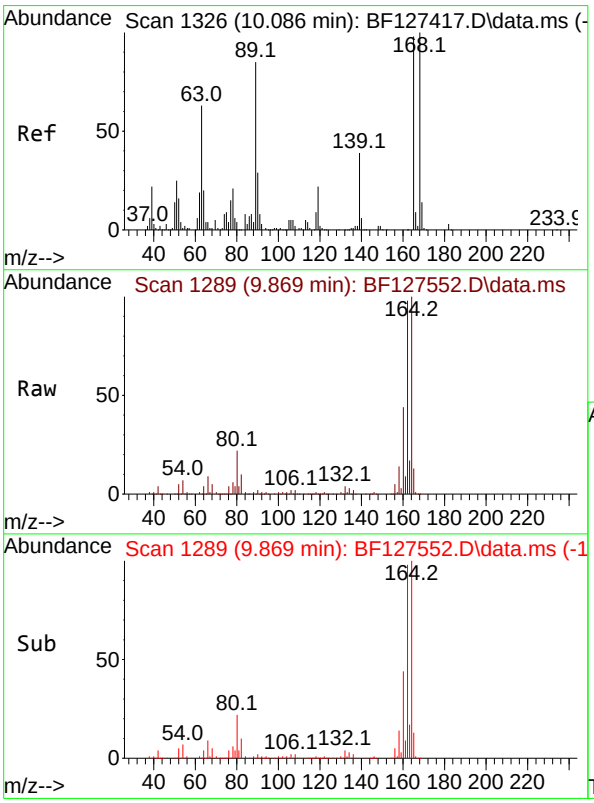
#56
4-Nitrophenol
Concen: 5.414 ng
RT: 10.080 min Scan# 1
Delta R.T. 0.065 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)

Tgt Ion:139 Resp: 9020

Ion	Ratio	Lower	Upper
139	100		
109	1.4	64.3	104.3#
65	3.5	117.5	157.5#

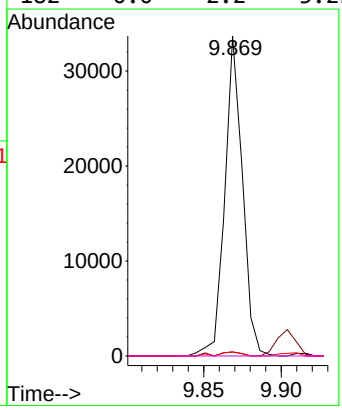


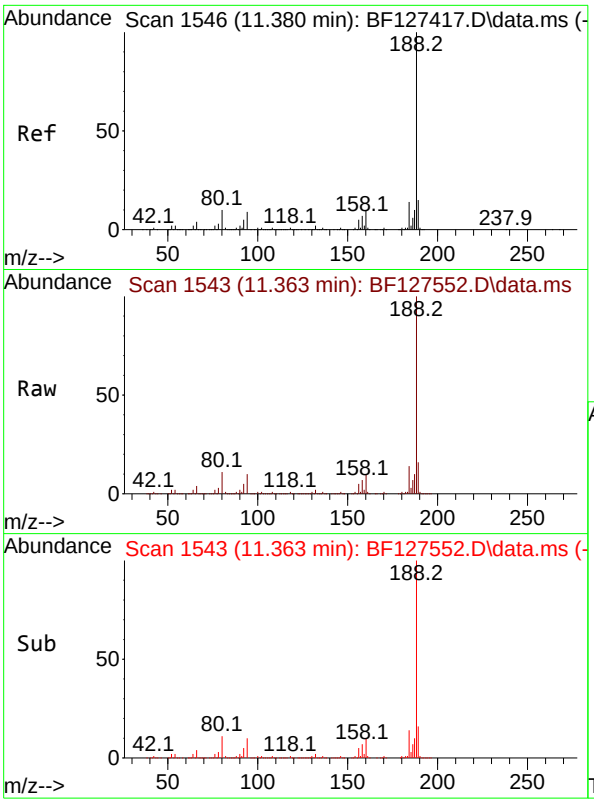


#57
2,4-Dinitrotoluene
Concen: 6.955 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Tgt Ion:165 Resp: 26712

Ion	Ratio	Lower	Upper
165	100		
63	1.2	53.1	79.7#
89	1.3	69.2	103.8#
182	0.0	2.2	3.2#



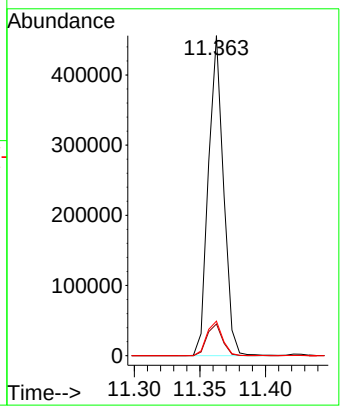


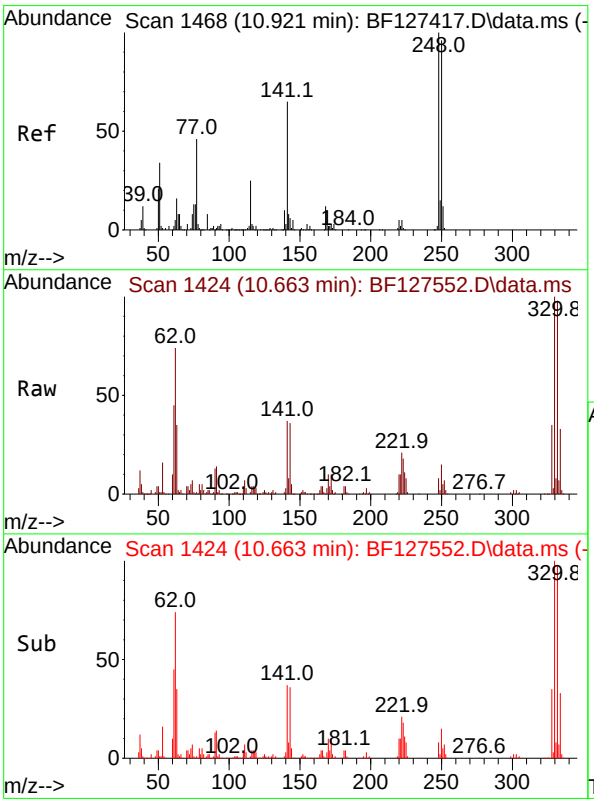
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)

Tgt Ion:188 Resp: 366060

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.4	11.0
80	10.8	8.0	12.0

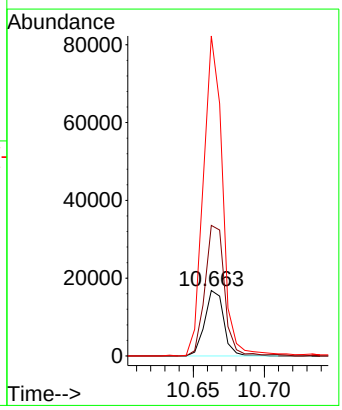


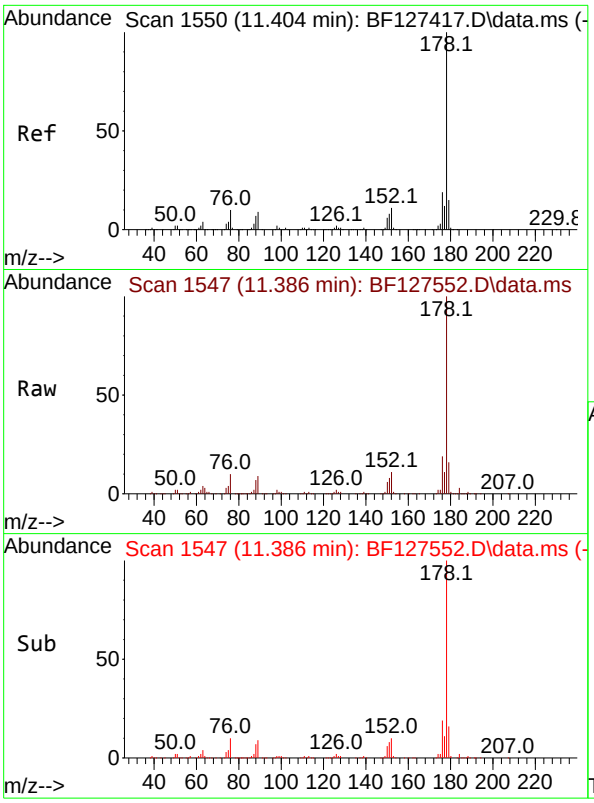


#67
4-Bromophenyl-phenylether
Concen: 3.695 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.241 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Tgt Ion:248 Resp: 15790

Ion	Ratio	Lower	Upper
248	100		
250	199.3	76.6	115.0#
141	488.6	52.2	78.2#



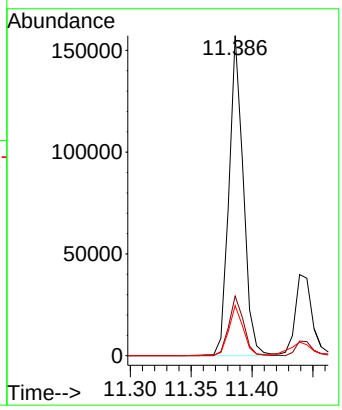


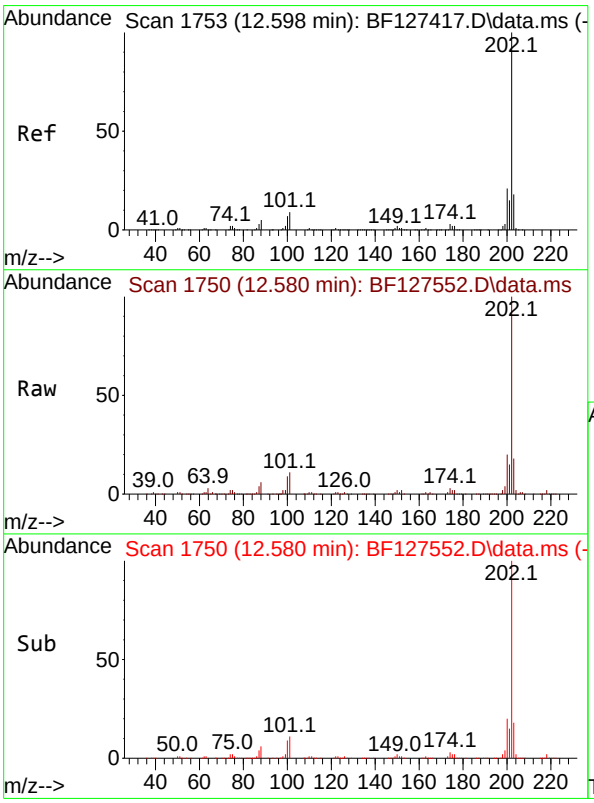
#71
Phenanthrene
Concen: 6.761 ng
RT: 11.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)

Tgt Ion:178 Resp: 129026

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.6	12.4	18.6

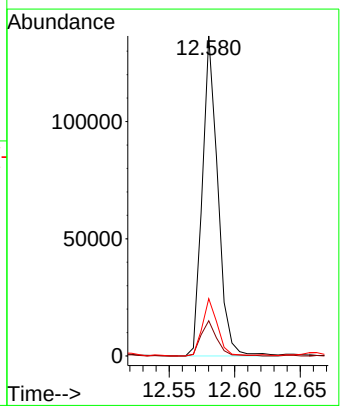


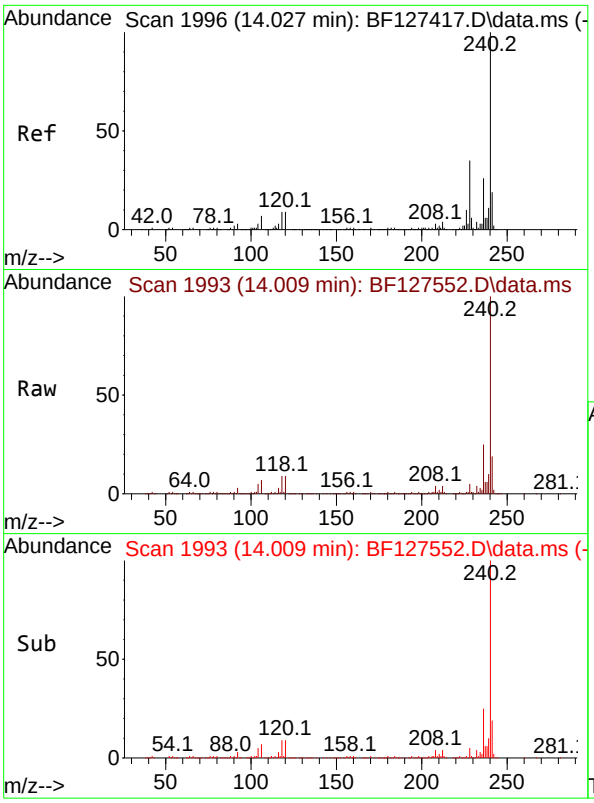


#75
Fluoranthene
Concen: 5.382 ng
RT: 12.580 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Tgt Ion:202 Resp: 112969

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	29.0
203	17.9	0.0	37.7



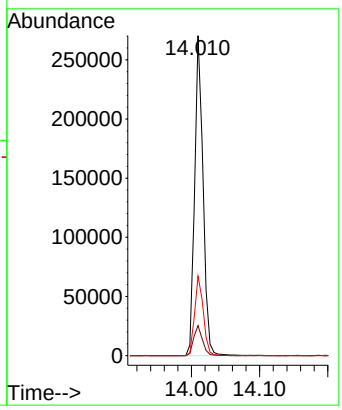


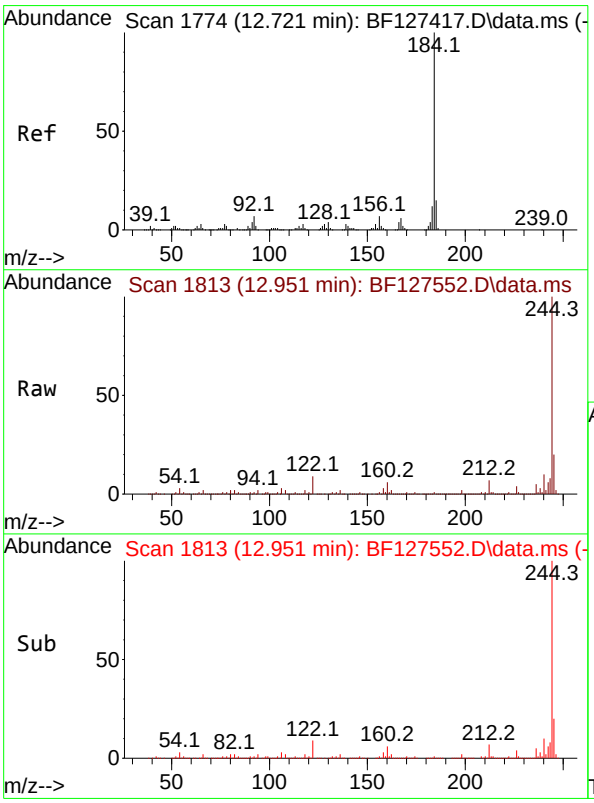
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)

Tgt Ion:240 Resp: 231968

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.1	10.7
236	24.8	20.7	31.1

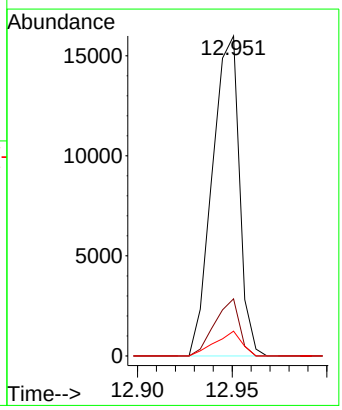


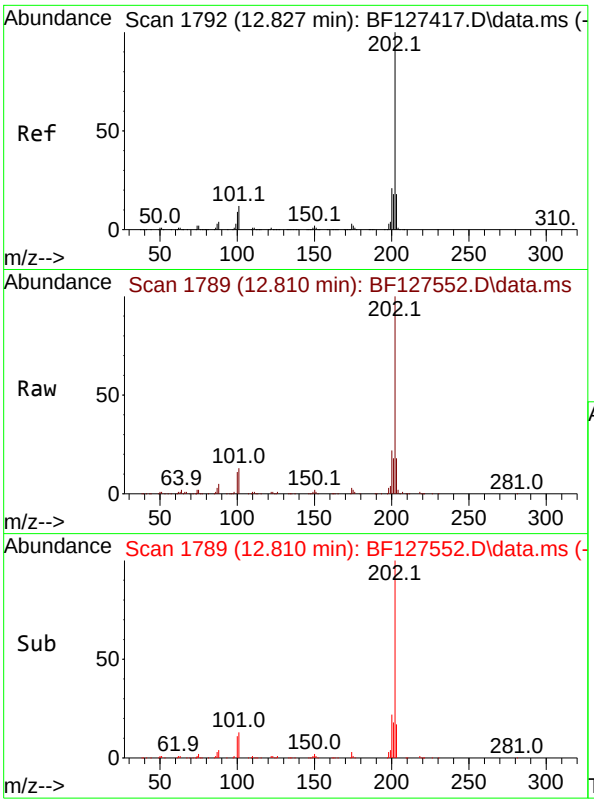


#77
Benzidine
Concen: 2.876 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Tgt Ion:184 Resp: 15910

Ion	Ratio	Lower	Upper
184	100		
185	17.8	12.2	18.2
183	7.8	9.4	14.0#



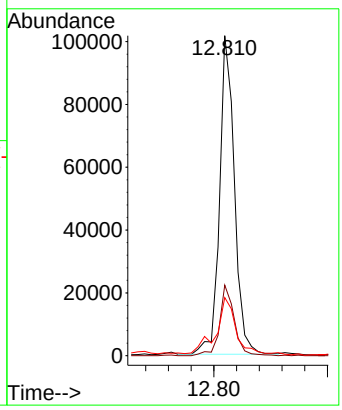


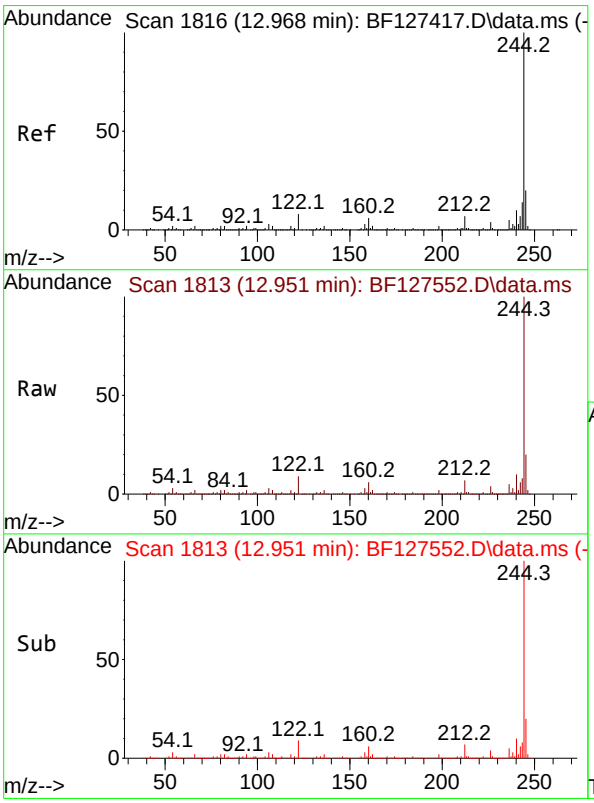
#78
Pyrene
Concen: 4.639 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)

Tgt Ion:202 Resp: 92357

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.1	25.7
203	18.2	14.3	21.5

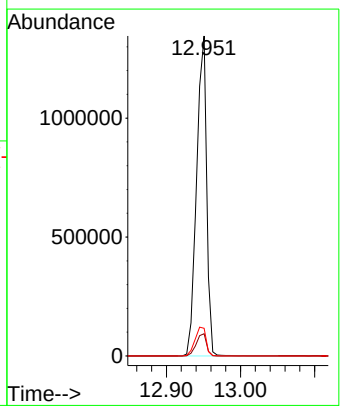


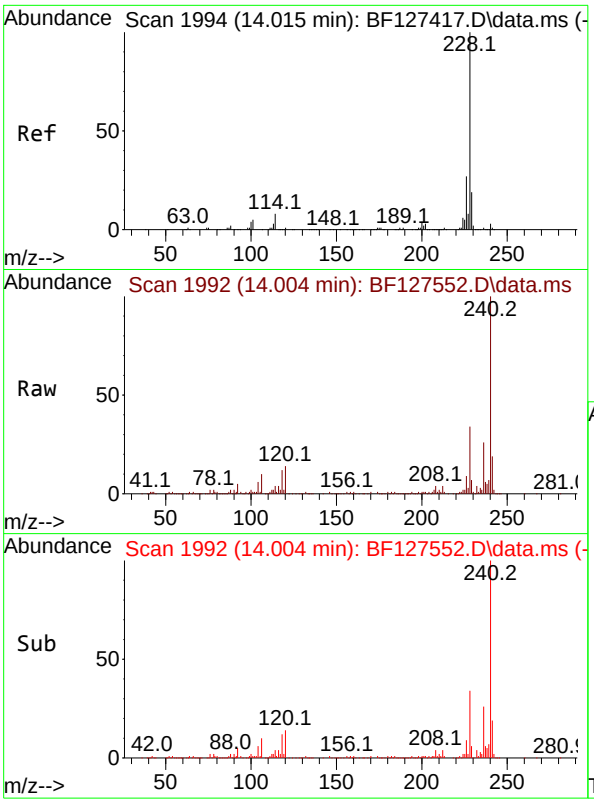


#79
Terphenyl-d14
Concen: 89.185 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Tgt Ion:244 Resp: 1263770

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	8.6	6.2	9.2



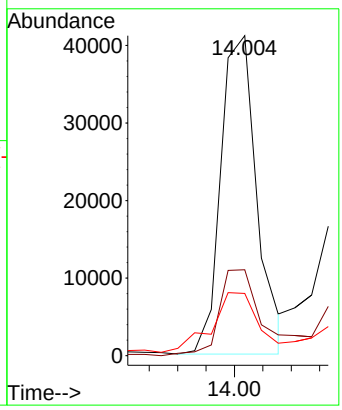


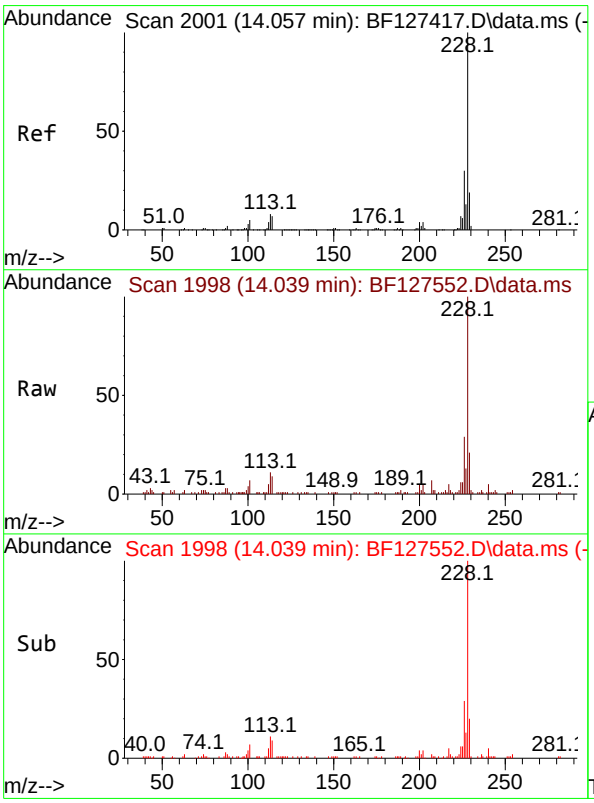
#81
Benzo(a)anthracene
Concen: 2.343 ng
RT: 14.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)

Tgt Ion:228 Resp: 36347

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.6	32.4
229	19.4	15.4	23.2

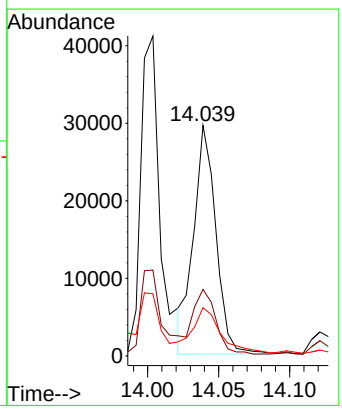


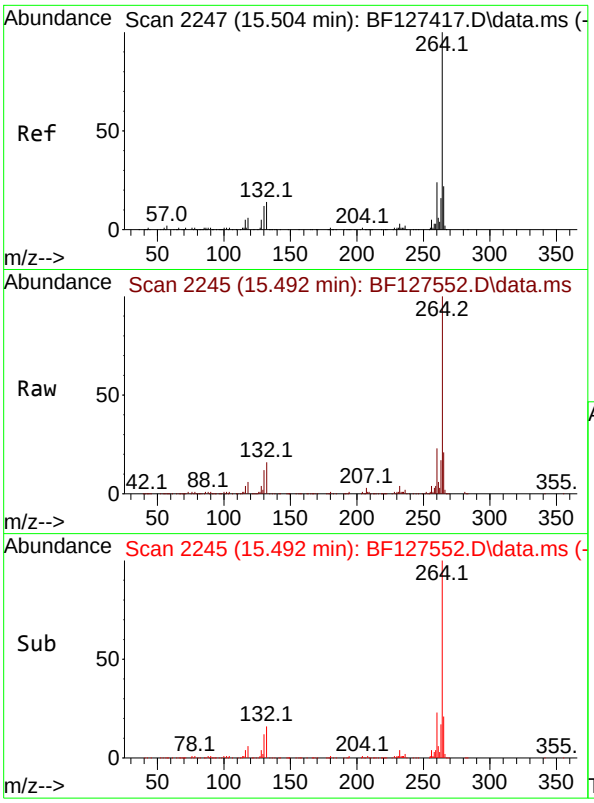


#83
Chrysene
Concen: 2.197 ng
RT: 14.039 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Tgt Ion:228 Resp: 32276

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.2	36.4
229	20.9	15.4	23.2



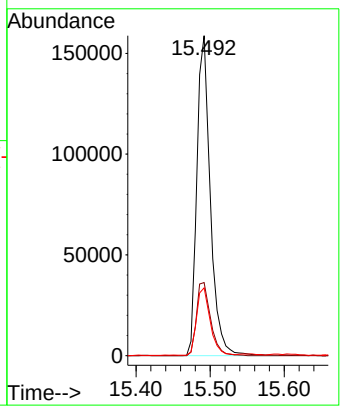


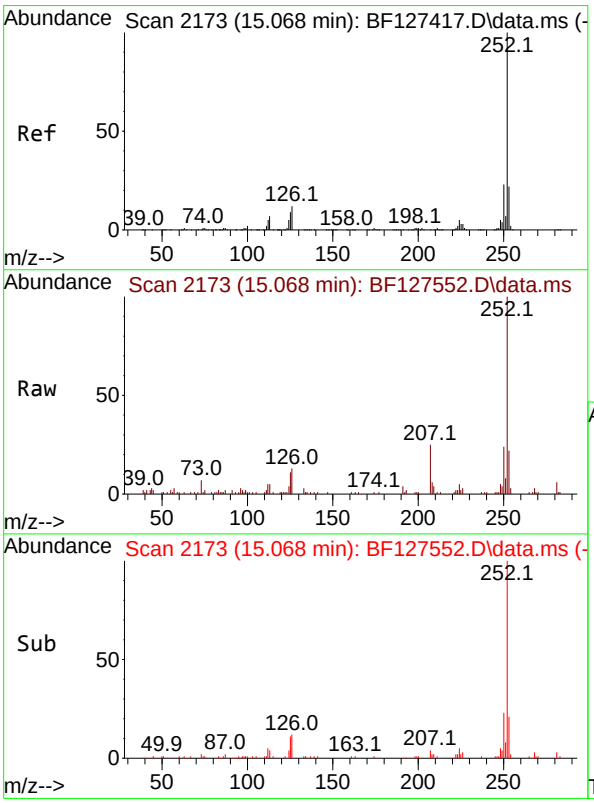
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)

Tgt Ion:264 Resp: 200185

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.1	28.7
265	21.2	17.4	26.2

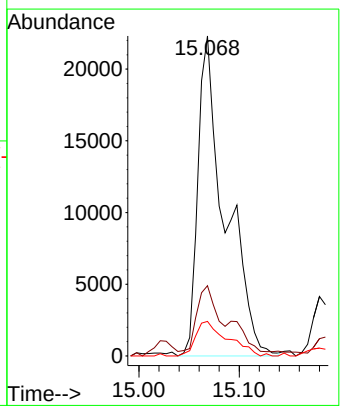


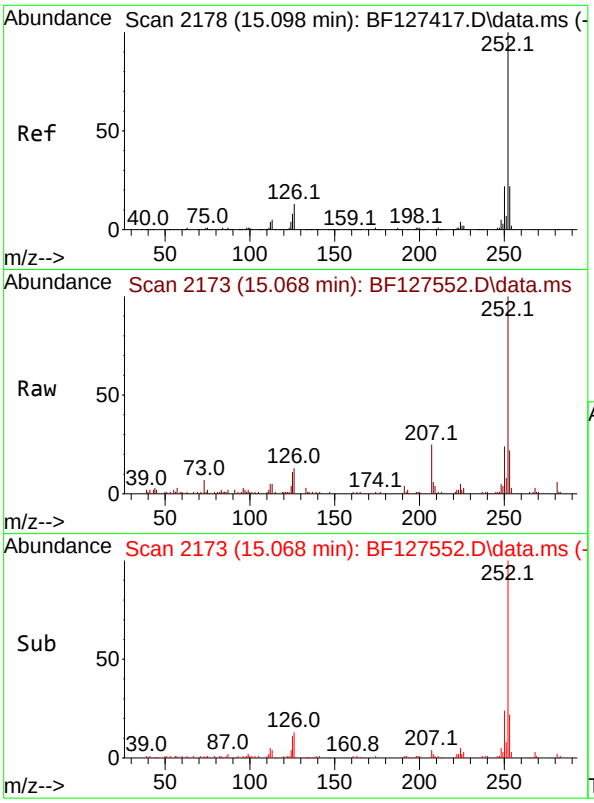


#88
Benzo(b)fluoranthene
Concen: 3.337 ng
RT: 15.068 min Scan# 2173
Delta R.T. 0.012 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Tgt Ion:252 Resp: 42118

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	10.8	7.0	10.4#



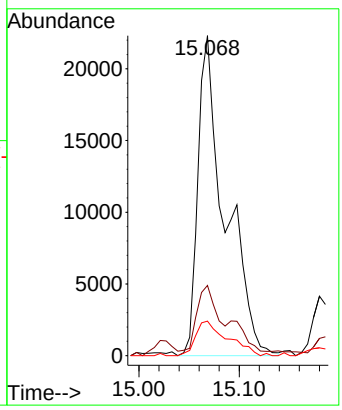


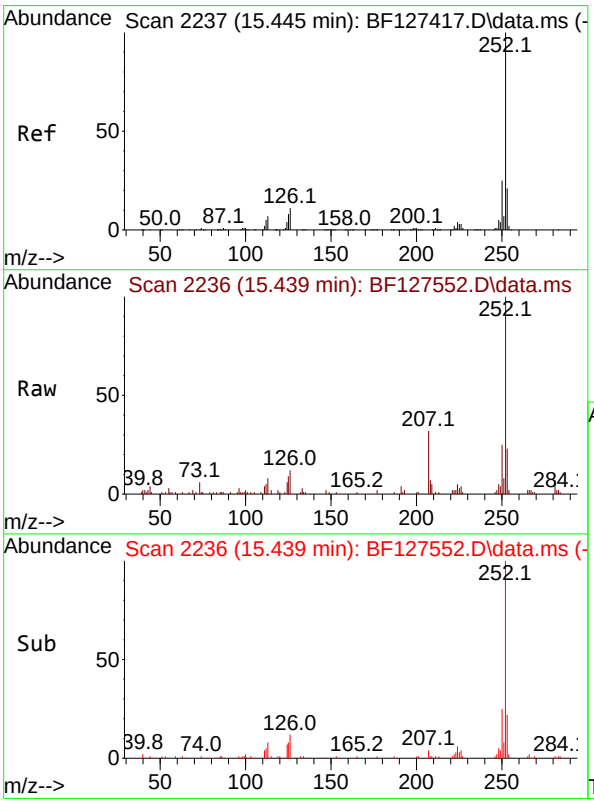
#89
Benzo(k)fluoranthene
Concen: 3.219 ng
RT: 15.068 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Instrument :
BNA_F
ClientSampleId :
GW-03-(SB-13)

Tgt Ion:252 Resp: 42118

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	10.8	6.9	10.3#





#90
Benzo(a)pyrene
Concen: 2.285 ng
RT: 15.439 min Scan# 2236
Delta R.T. 0.012 min
Lab File: BF127552.D
Acq: 28 Mar 2022 20:03

Tgt Ion:252 Resp: 23666

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	8.7	6.7	10.1