Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
Data File : BF119525.D
Acq On : 26 Mar 2020 3:47
Operator : CG/JU
Sample : L2013-09 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHD1-SB-0203-0-11

Quant Time: Mar 26 07:00:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	265058	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	998832	20.00	ng		-0.02
39) Acenaphthene-d10	9.89	164	498463	20.00	ng		-0.02
64) Phenanthrene-d10	11.37	188	901314	20.00	ng		-0.02
76) Chrysene-d12	14.02	240	320797	20.00	ng		-0.02
87) Perylene-d12	15.48	264	564479	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	171221	10.28	ng		-0.02
7) Phenol-d6	6.45	99	220170	10.35	ng		-0.02
23) Nitrobenzene-d5	7.40	82	131197	7.14	ng		-0.02
42) 2,4,6-Tribromophenol	10.67	330	56653	11.02	ng		-0.02
45) 2-Fluorobiphenyl	9.20	172	221295	6.58	ng		-0.02
79) Terphenyl-d14	12.96	244	186684	11.40	ng		-0.02
Target Compounds							Qvalue
25) Isophorone	7.40	82	131086	3.516	ng	#	66
51) 2,6-Dinitrotoluene	9.89	165	65192	8.590	ng	#	19
57) 2,4-Dinitrotoluene	9.89	165	65192	6.819	ng	#	25
71) Phenanthrene	11.39	178	155642	3.330	ng		99
75) Fluoranthene	12.59	202	310069	6.130	ng		96
78) Pyrene	12.82	202	254043	9.649	ng		98
81) Benzo(a)anthracene	14.00	228	83138	3.985	ng		94
83) Chrysene	14.04	228	87012	4.042	ng		98
84) Bis(2-ethylhexyl)phthalate	14.02	149	7997587	630.046	ng	#	91
85) Di-n-octyl phthalate	14.62	149	441826	19.791	ng	#	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	53584	2.643	ng		96
88) Benzo(b)fluoranthene	15.05	252	177127	4.697	ng	#	95
89) Benzo(k)fluoranthene	15.05	252	177127	4.933	ng	#	95
90) Benzo(a)pyrene	15.42	252	90441	2.639	ng		99

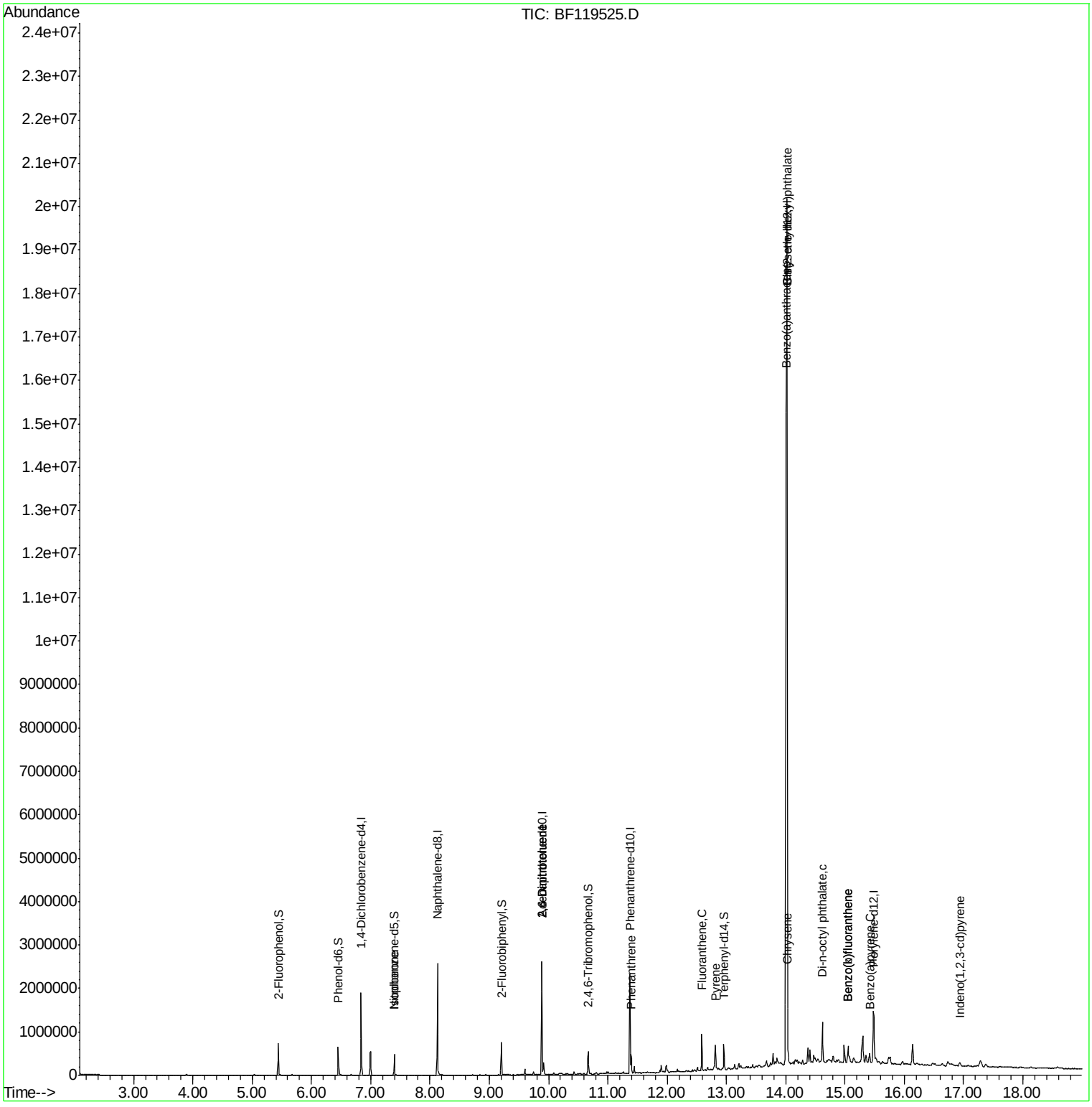
(#) = qualifier out of range (m) = manual integration (+) = signals summed

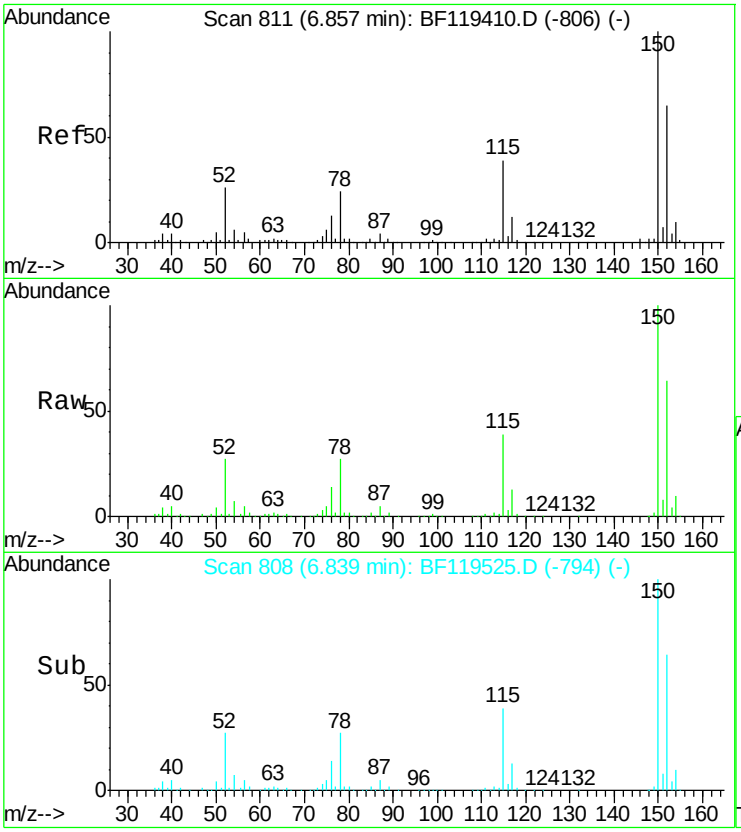
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
Data File : BF119525.D
Acq On : 26 Mar 2020 3:47
Operator : CG/JU
Sample : L2013-09 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHD1-SB-0203-0-11

Quant Time: Mar 26 07:00:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration



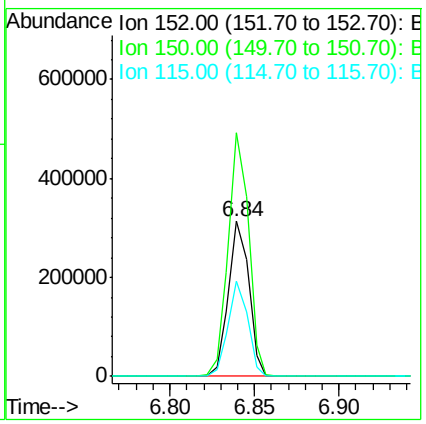


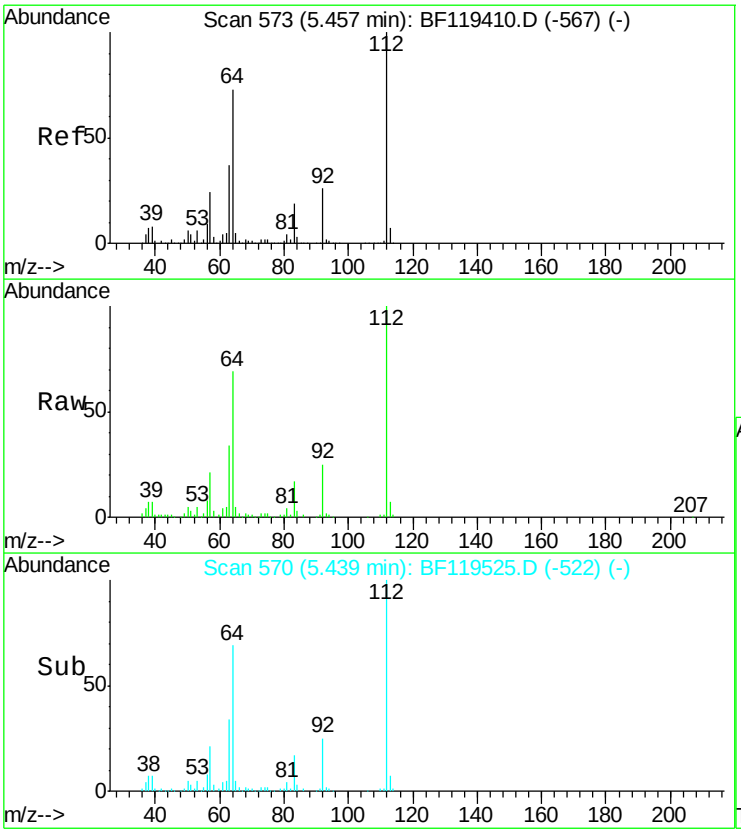
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Instrument :
BNA_F
ClientSampleId :
GHD1-SB-0203-0-11

Tgt Ion:152 Resp: 265058

Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.9	185.9
115	61.7	47.8	71.6

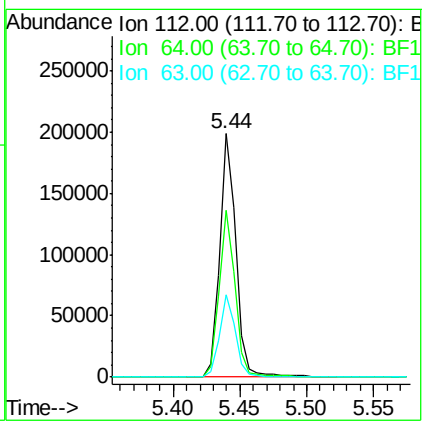


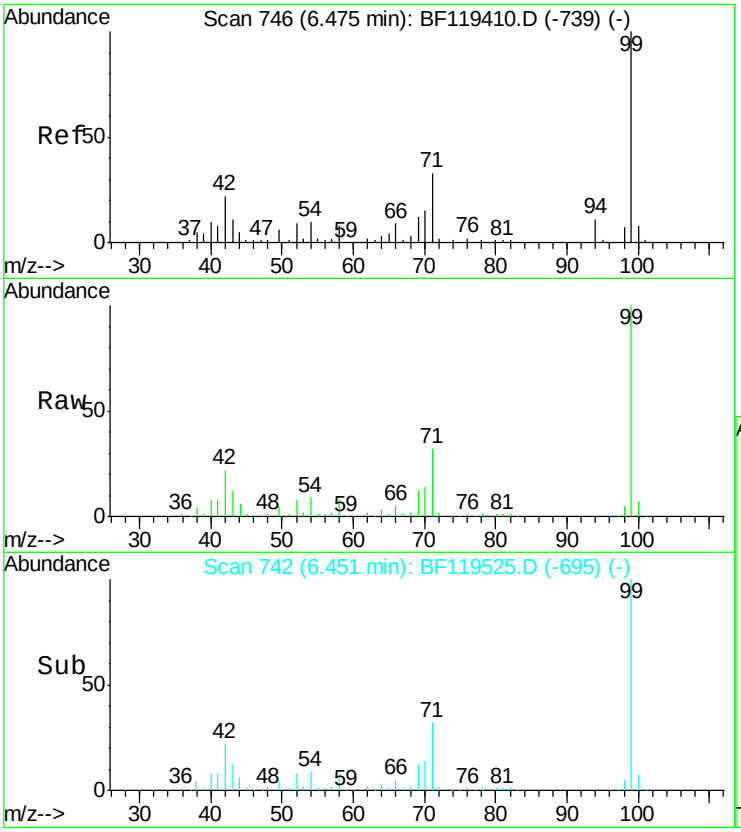


#5
2-Fluorophenol
Concen: 10.283 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Tgt Ion:112 Resp: 171221

Ion	Ratio	Lower	Upper
112	100		
64	68.7	58.1	87.1
63	33.7	29.7	44.5



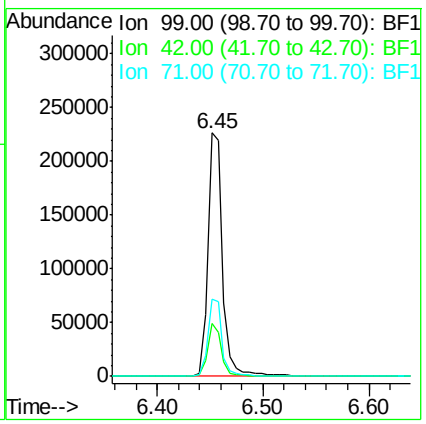


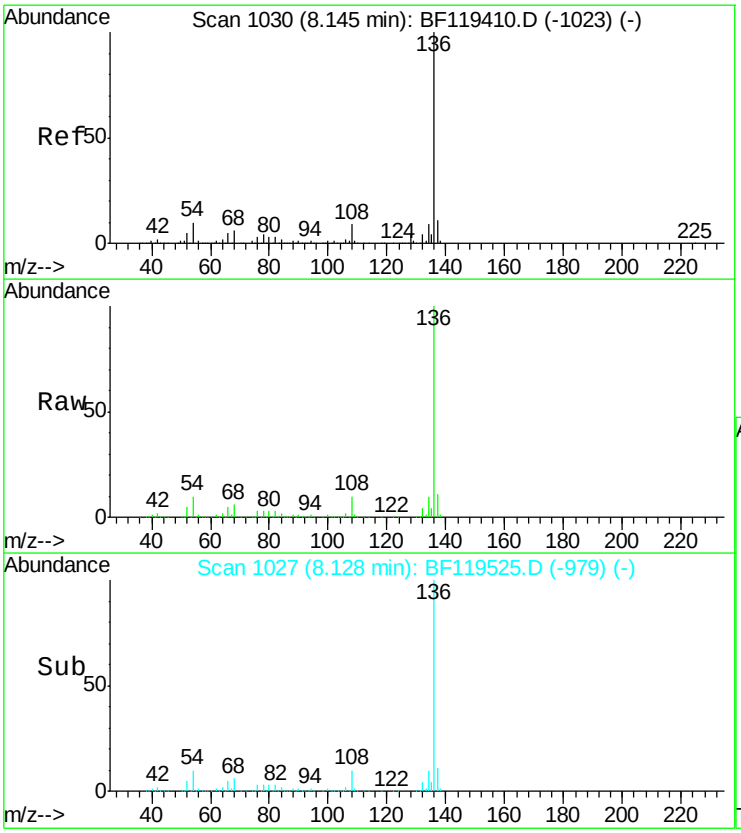
#7
Phenol-d6
Concen: 10.351 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Instrument :
BNA_F
ClientSampleId :
GHD1-SB-0203-0-11

Tgt Ion: 99 Resp: 220170

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.8	26.6
71	31.8	26.0	39.0

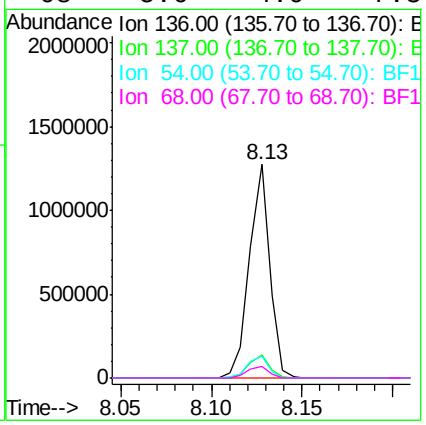


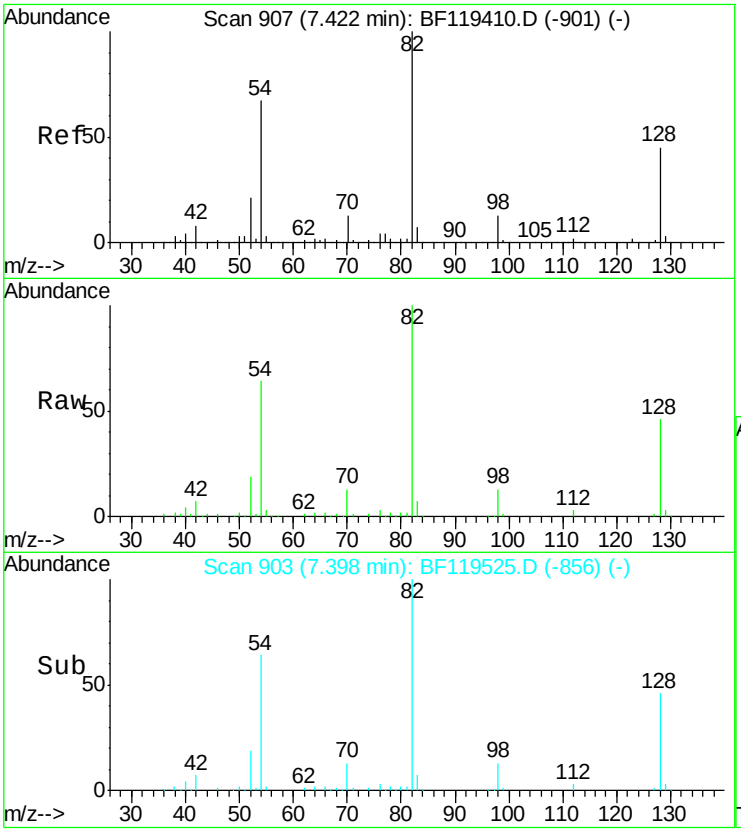


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Tgt Ion:136 Resp: 998832

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.1	8.3	12.5
68	5.6	4.9	7.3



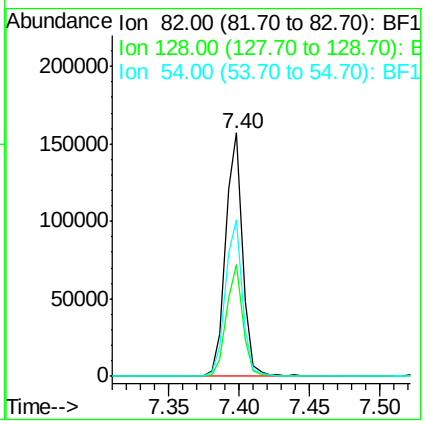


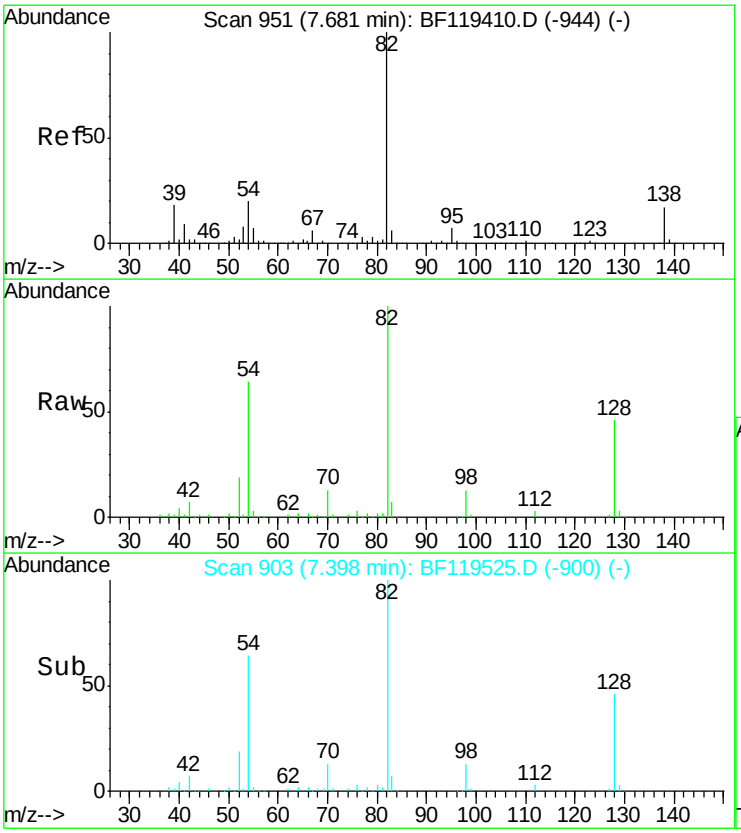
#23
Nitrobenzene-d5
Concen: 7.139 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Instrument :
BNA_F
ClientSampleId :
GHD1-SB-0203-0-11

Tgt Ion: 82 Resp: 131197

Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.8	53.8
54	64.4	53.4	80.0

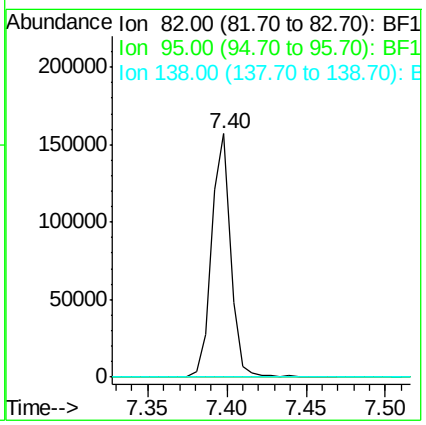


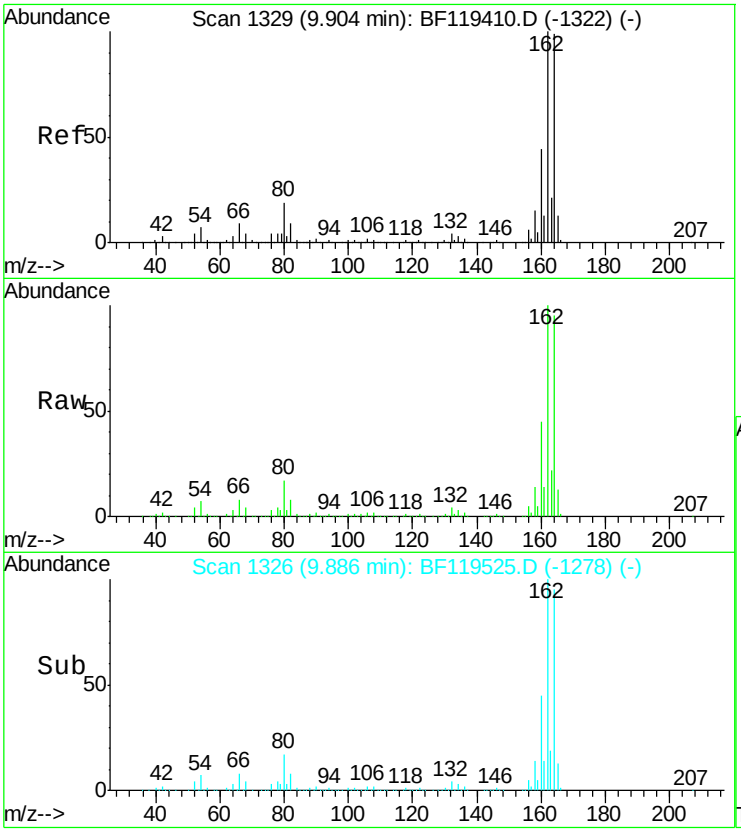


#25
Isophorone
Concen: 3.516 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Tgt Ion: 82 Resp: 131086

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	13.8	20.8#



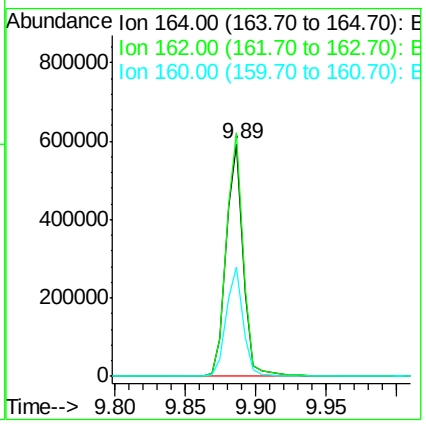


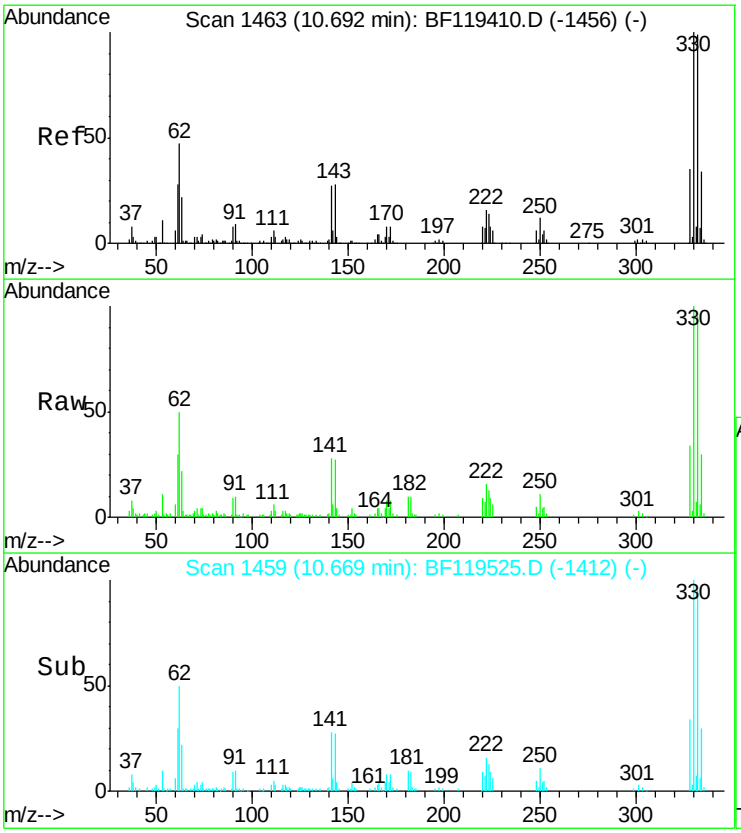
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Instrument :
BNA_F
ClientSampleId :
GHD1-SB-0203-0-11

Tgt Ion:164 Resp: 498463

Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.7	121.1
160	47.0	35.5	53.3

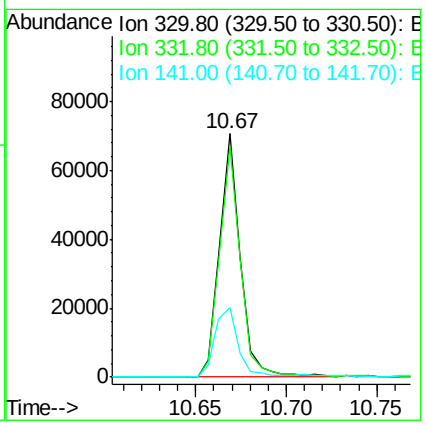


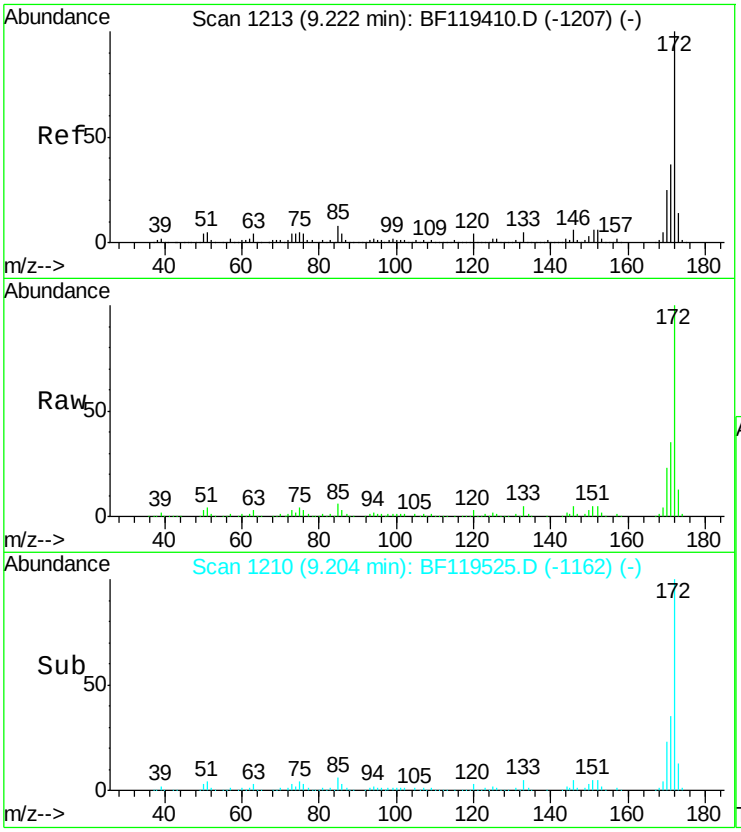


#42
2,4,6-Tribromophenol
Concen: 11.017 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Tgt Ion:330 Resp: 56653

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.6	116.4
141	32.2	26.6	40.0



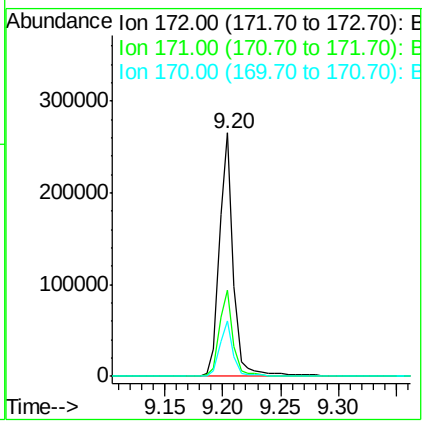


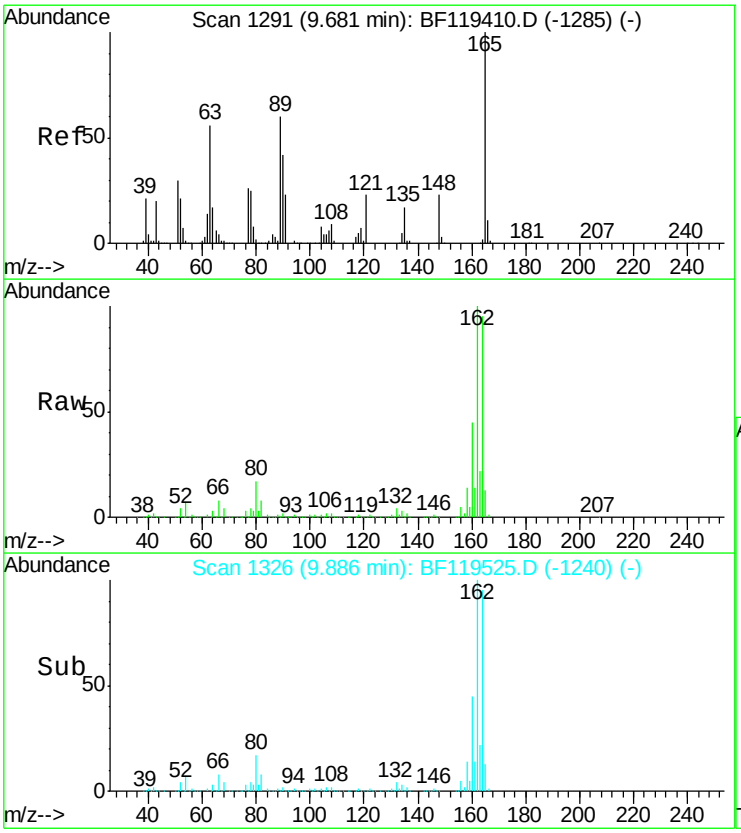
#45
2-Fluorobiphenyl
Concen: 6.577 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Instrument :
BNA_F
ClientSampleId :
GHD1-SB-0203-0-11

Tgt Ion:172 Resp: 221295

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.9	44.9
170	23.0	20.1	30.1

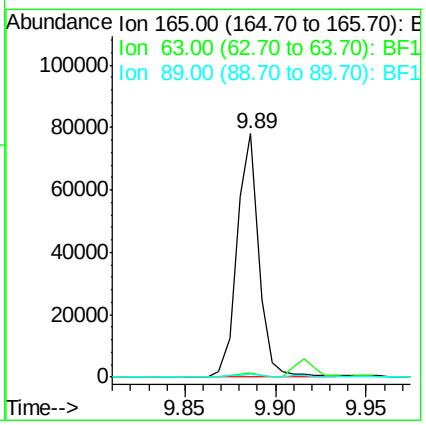


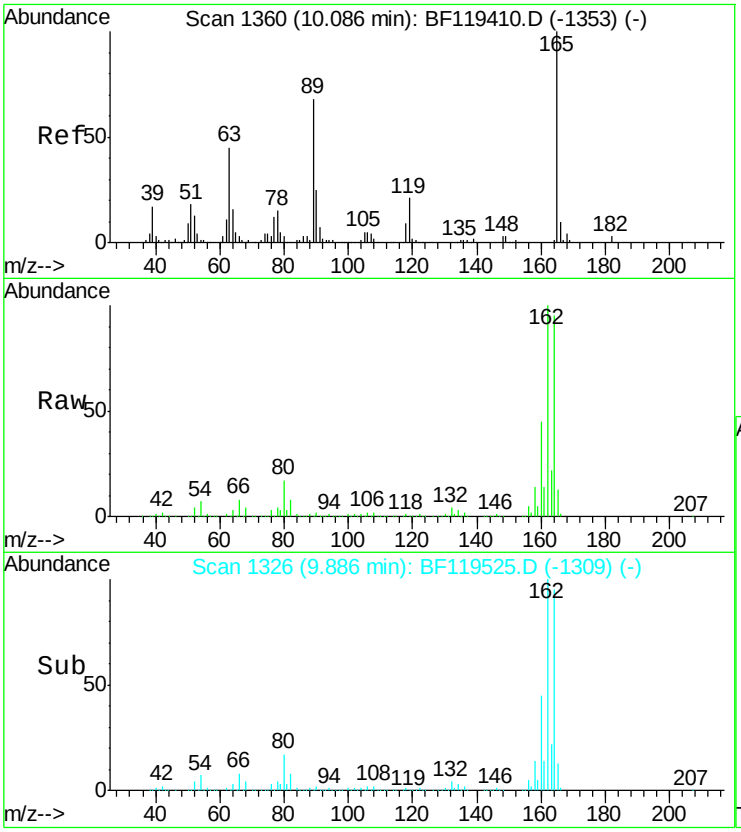


#51
2,6-Dinitrotoluene
Concen: 8.590 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Tgt Ion:165 Resp: 65192

Ion	Ratio	Lower	Upper
165	100		
63	1.6	57.3	85.9#
89	1.0	47.8	71.8#



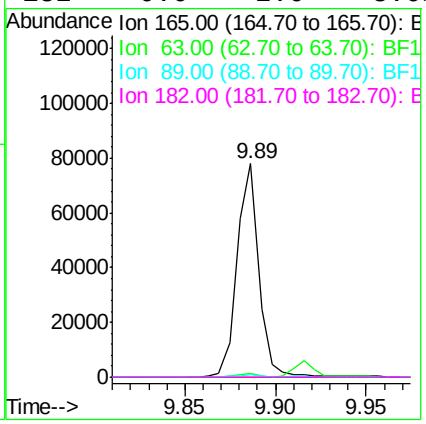


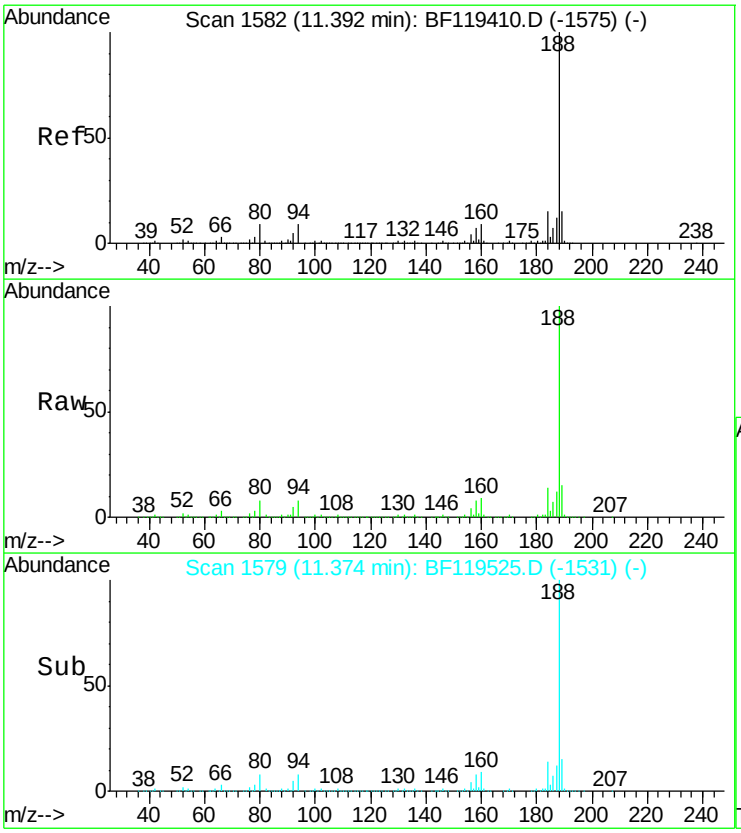
#57
2,4-Dinitrotoluene
Concen: 6.819 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Instrument :
BNA_F
ClientSampleId :
GHD1-SB-0203-0-11

Tgt Ion:165 Resp: 65192

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.2	54.4#
89	1.0	54.3	81.5#
182	0.0	2.0	3.0#

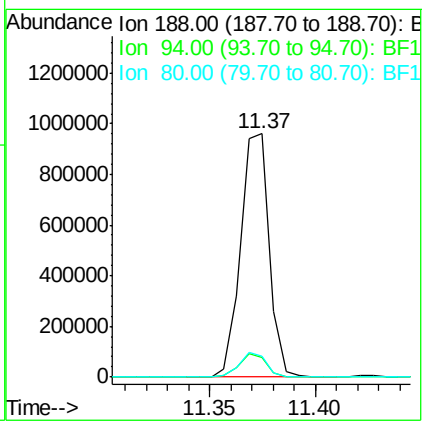


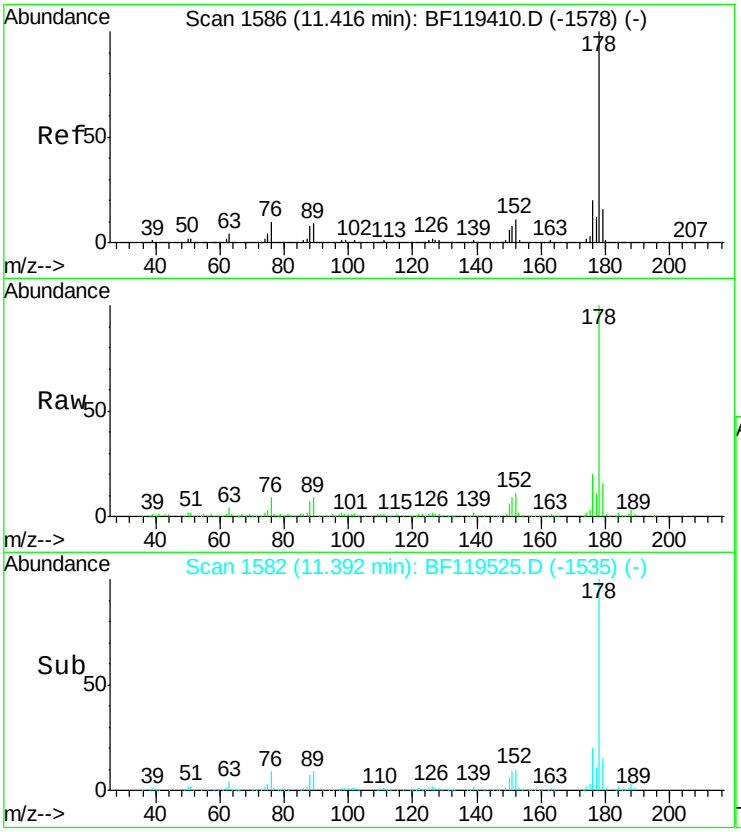


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Tgt Ion:188 Resp: 901314

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	8.4	7.5	11.3



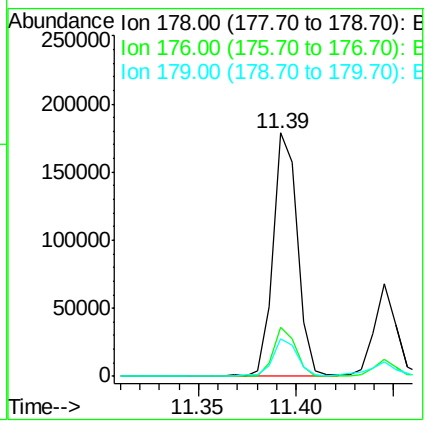


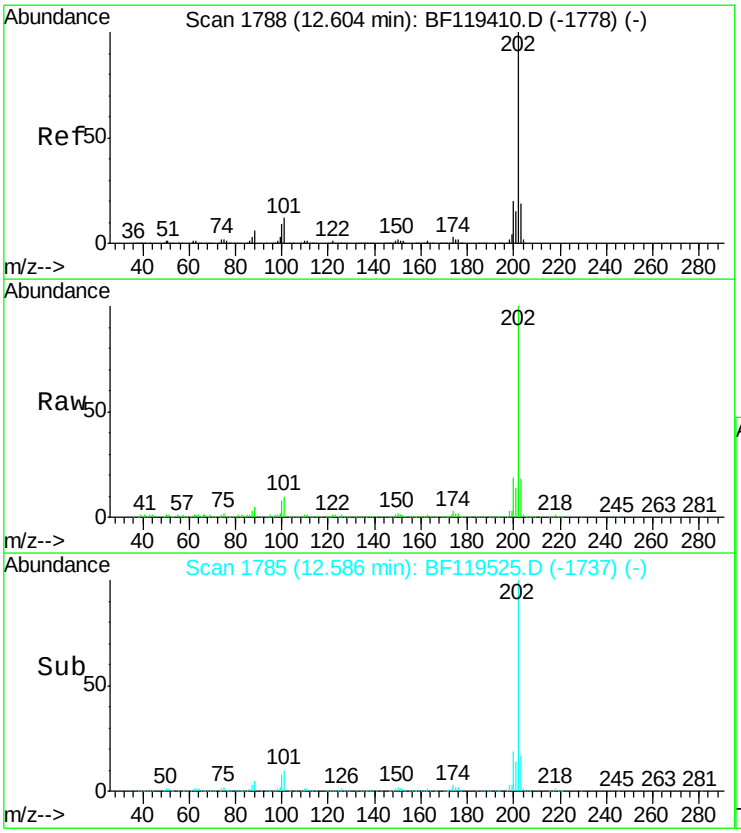
#71
Phenanthrene
Concen: 3.330 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Instrument :
BNA_F
ClientSampleId :
GHD1-SB-0203-0-11

Tgt Ion:178 Resp: 155642

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.5	12.9	19.3

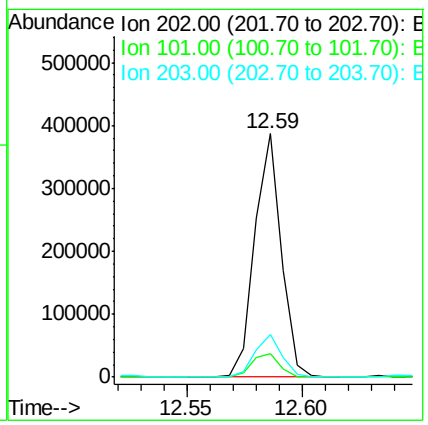


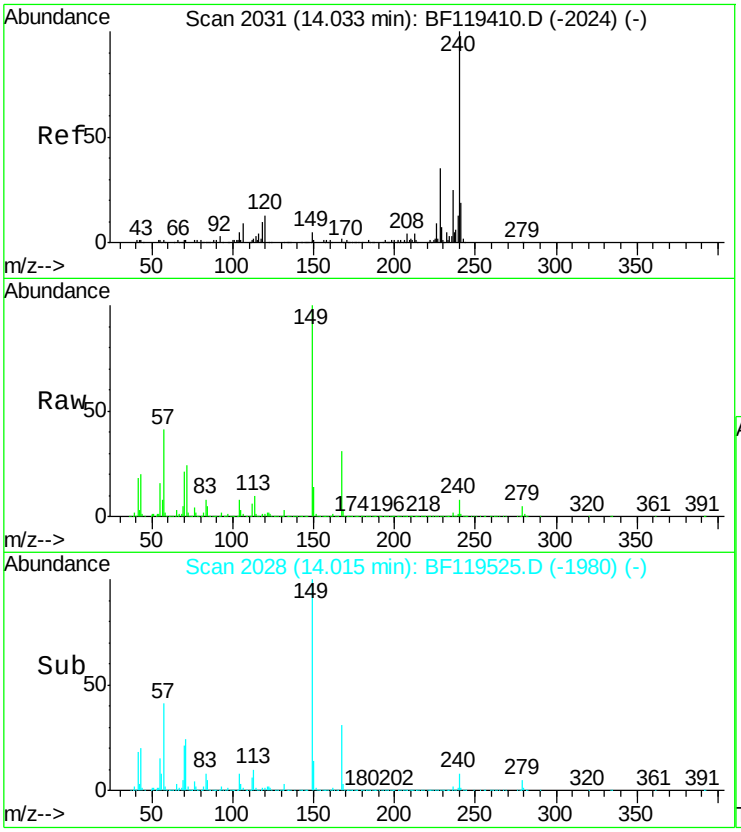


#75
Fluoranthene
Concen: 6.130 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.02 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Tgt Ion:202 Resp: 310069

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	32.4
203	17.6	0.0	38.5



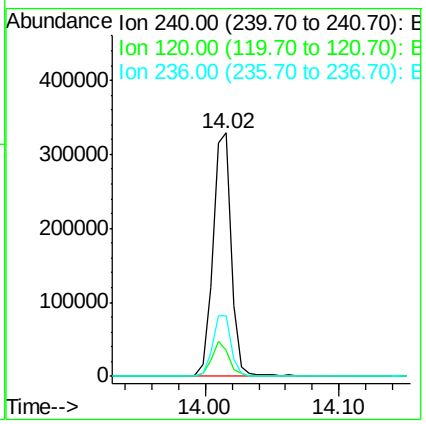


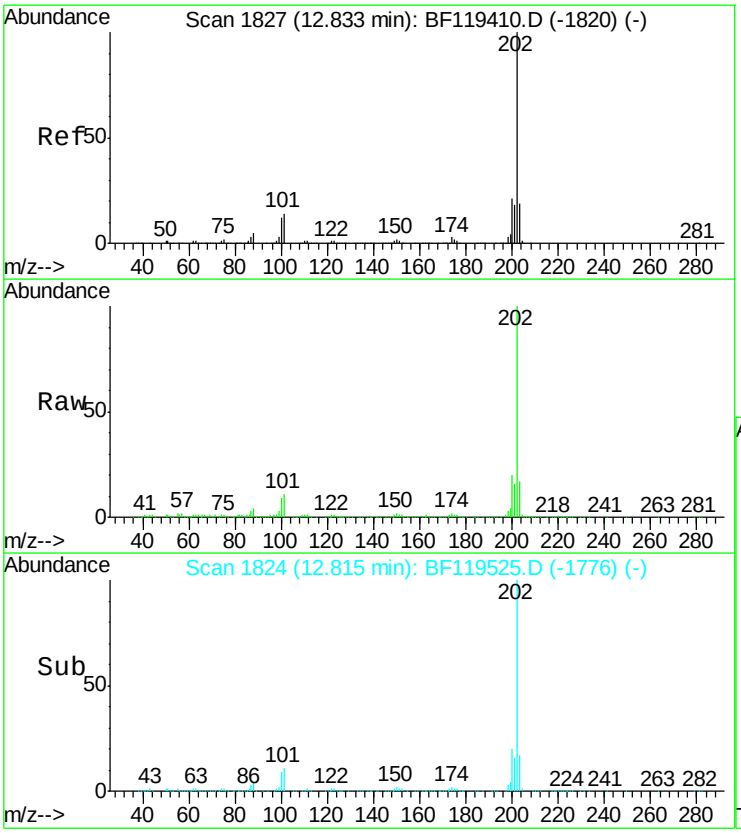
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Instrument :
BNA_F
ClientSampleId :
GHD1-SB-0203-0-11

Tgt Ion:240 Resp: 320797

Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.2	15.4
236	24.7	20.4	30.6

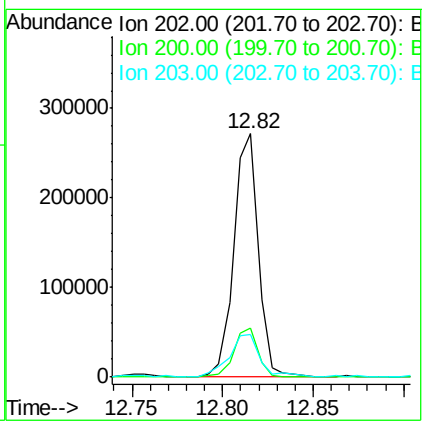


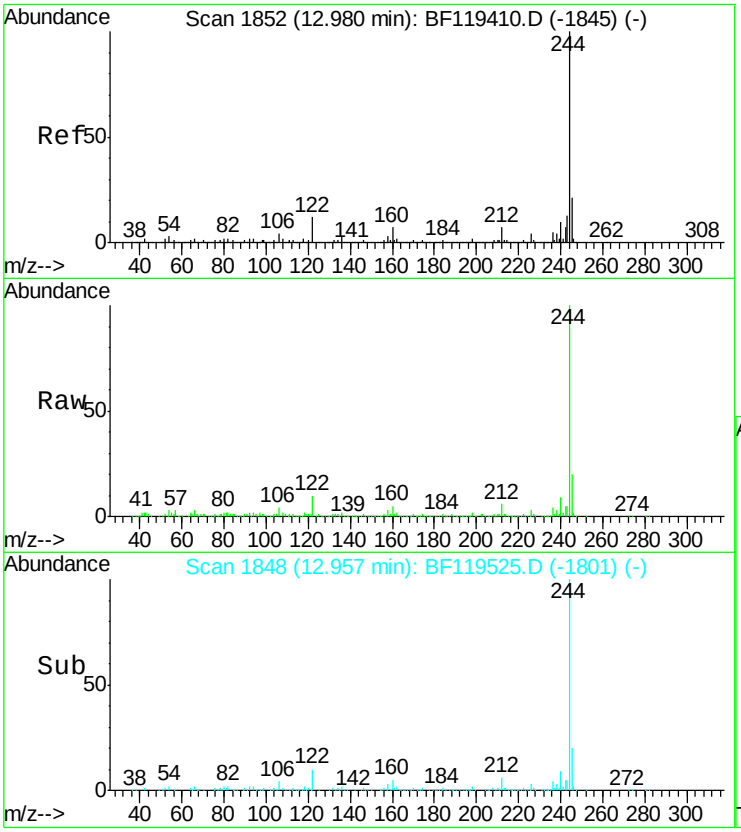


#78
Pyrene
Concen: 9.649 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Tgt Ion:202 Resp: 254043

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.8	25.2
203	17.4	14.8	22.2



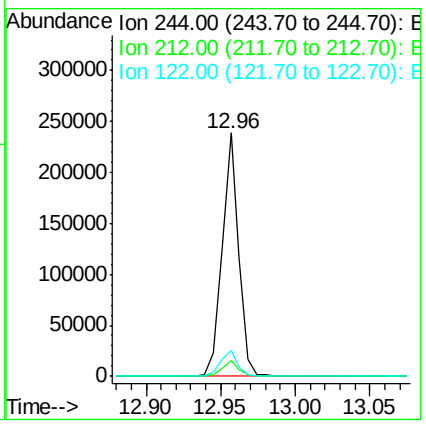


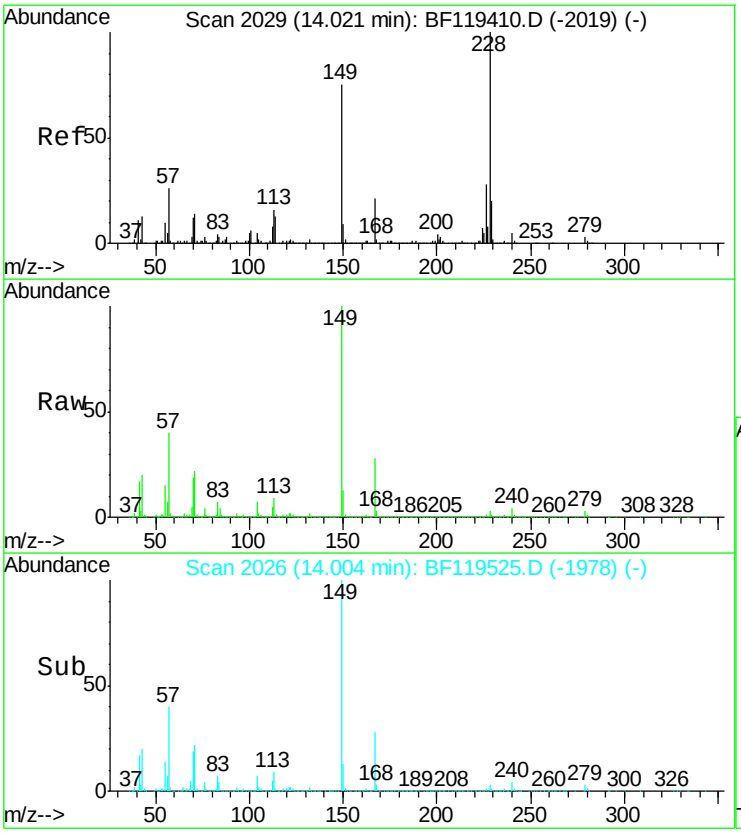
#79
Terphenyl-d14
Concen: 11.401 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.02 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Instrument :
BNA_F
ClientSampleId :
GHD1-SB-0203-0-11

Tgt Ion:244 Resp: 186684

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.7	8.5
122	10.5	9.8	14.8

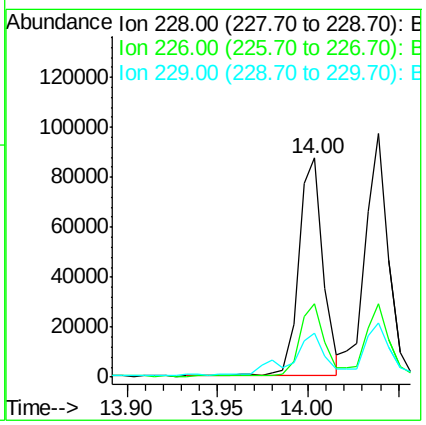


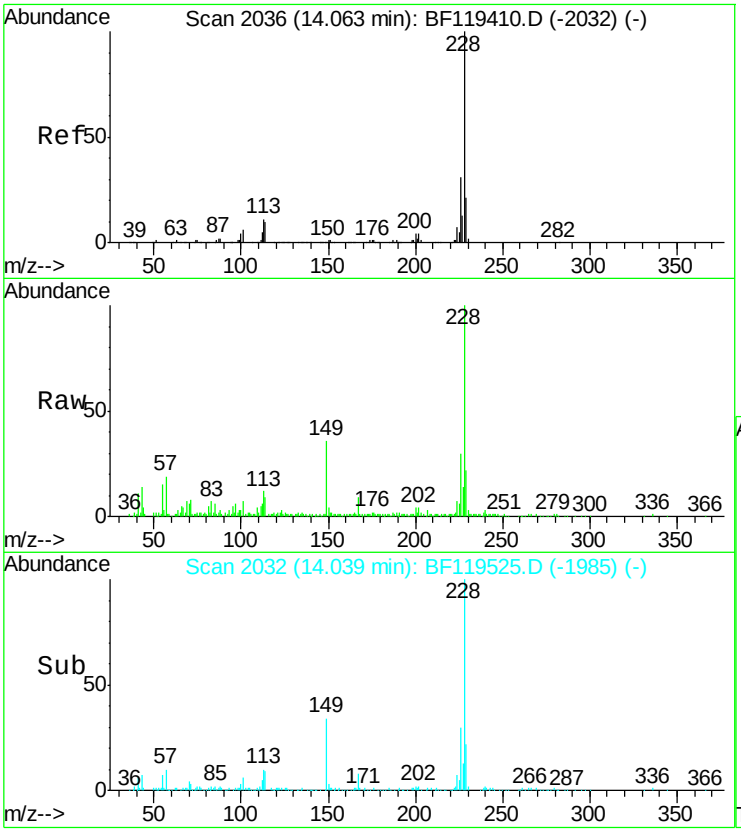


#81
Benzo(a)anthracene
Concen: 3.985 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Tgt Ion:228 Resp: 83138

Ion	Ratio	Lower	Upper
228	100		
226	33.3	22.3	33.5
229	19.9	16.3	24.5



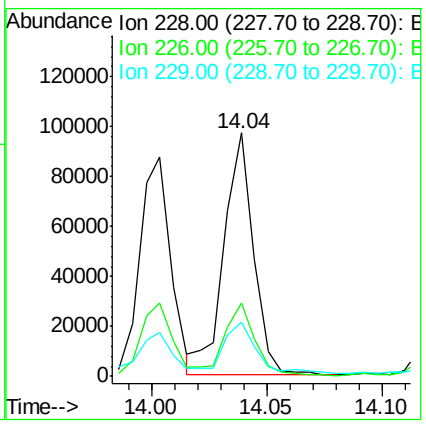


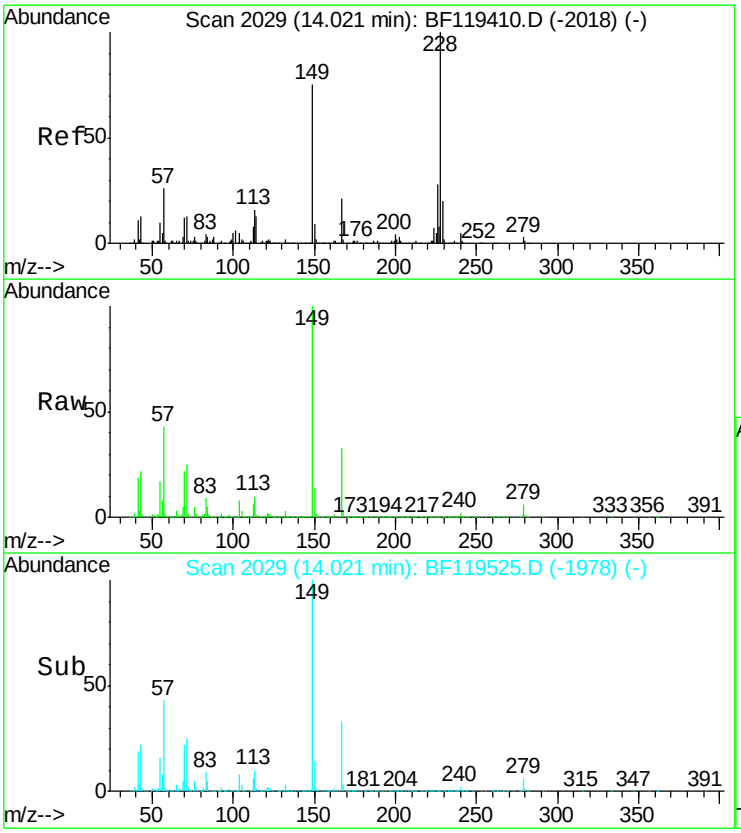
#83
Chrysene
Concen: 4.042 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Instrument :
BNA_F
ClientSampleId :
GHD1-SB-0203-0-11

Tgt Ion:228 Resp: 87012

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.8	37.2
229	22.5	16.6	25.0

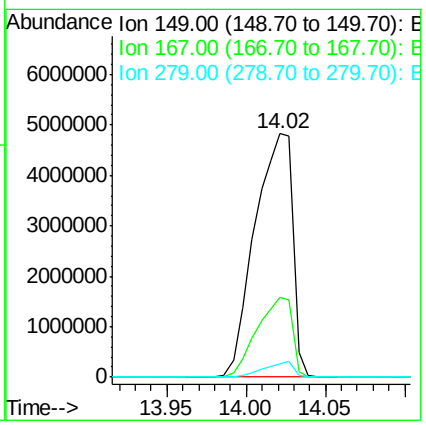


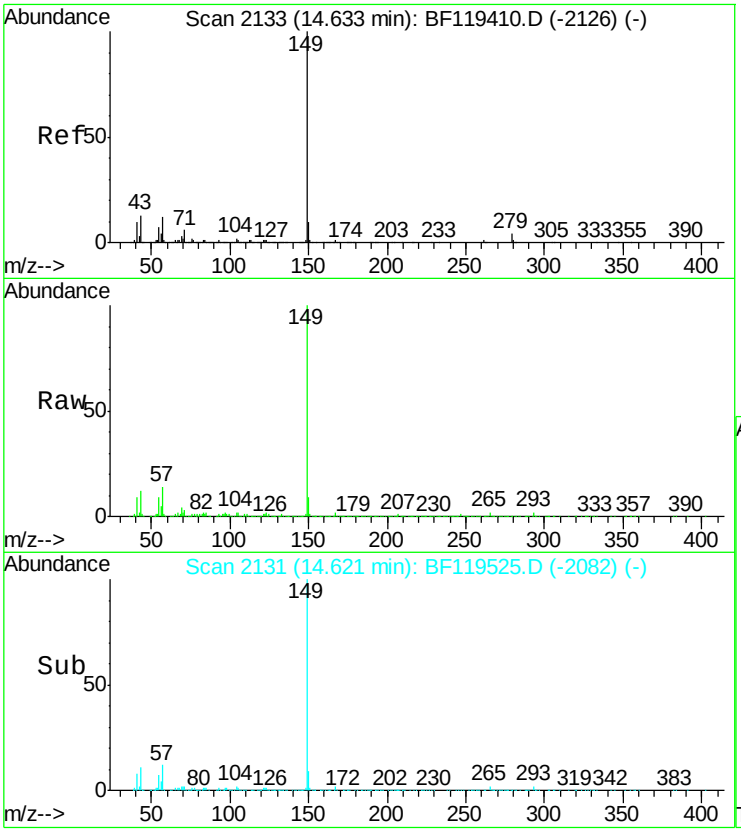


#84
Bis(2-ethylhexyl)phthalate
Concen: 630.046 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Tgt Ion:149 Resp: 7997587

Ion	Ratio	Lower	Upper
149	100		
167	32.7	22.0	33.0
279	5.6	3.2	4.8#



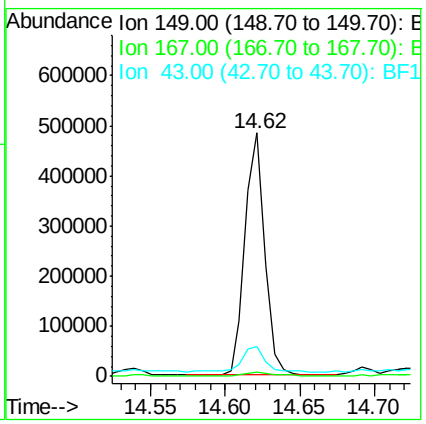


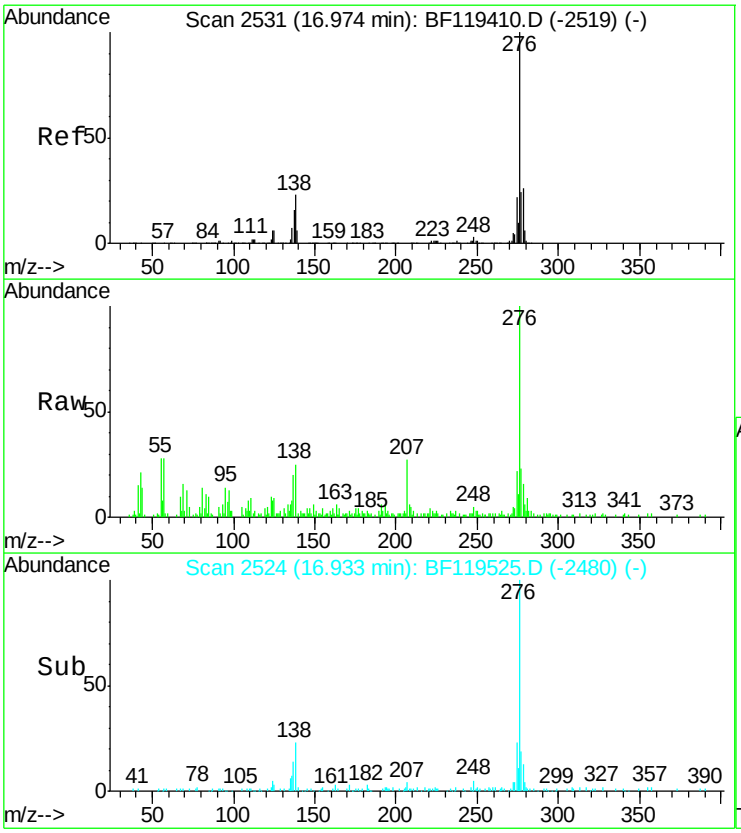
#85
Di-n-octyl phthalate
Concen: 19.791 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Instrument :
BNA_F
ClientSampleId :
GHD1-SB-0203-0-11

Tgt Ion:149 Resp: 441826

Ion	Ratio	Lower	Upper
149	100		
167	2.3	1.1	1.7#
43	12.4	10.1	15.1

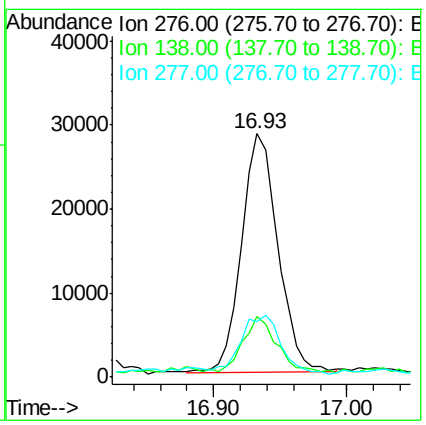


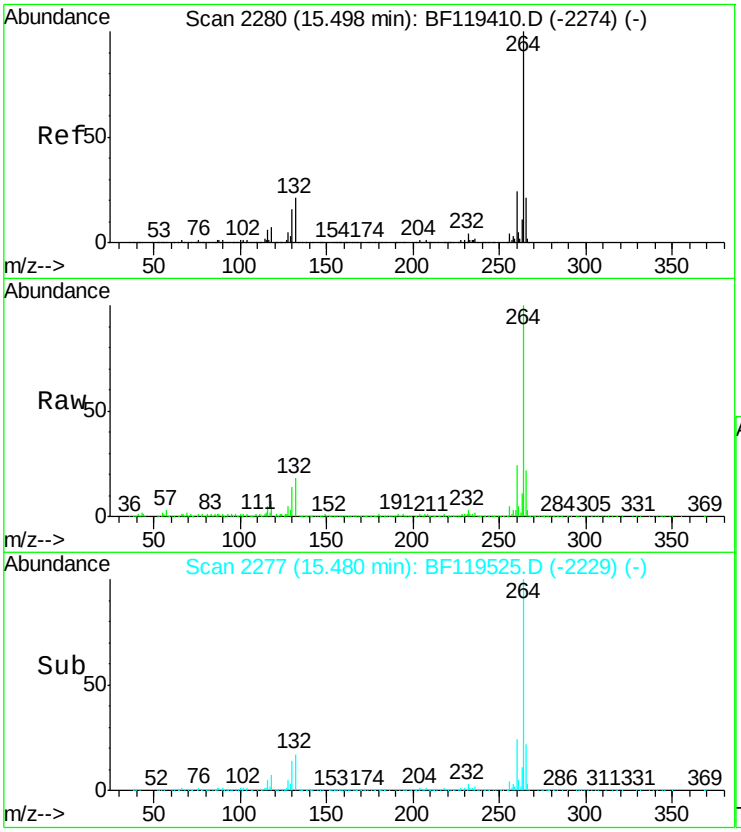


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.643 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.04 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Tgt Ion:276 Resp: 53584

Ion	Ratio	Lower	Upper
276	100		
138	24.4	21.3	31.9
277	27.2	20.2	30.2



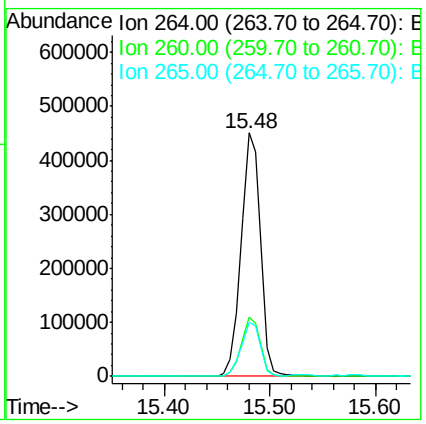


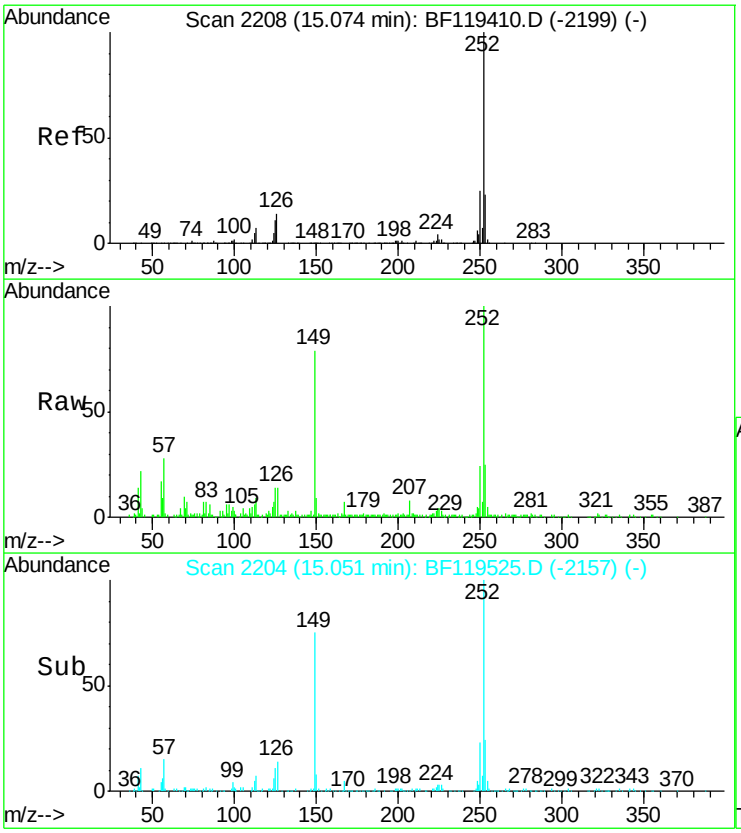
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Instrument :
BNA_F
ClientSampleId :
GHD1-SB-0203-0-11

Tgt Ion:264 Resp: 564479

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.4	16.9	25.3

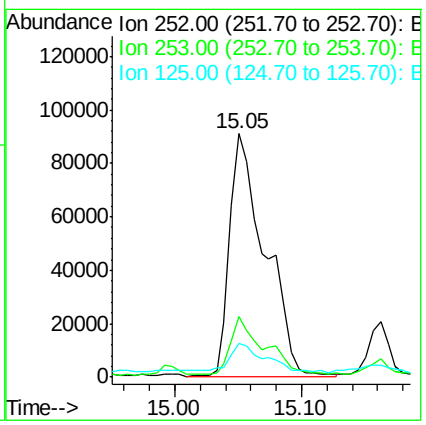


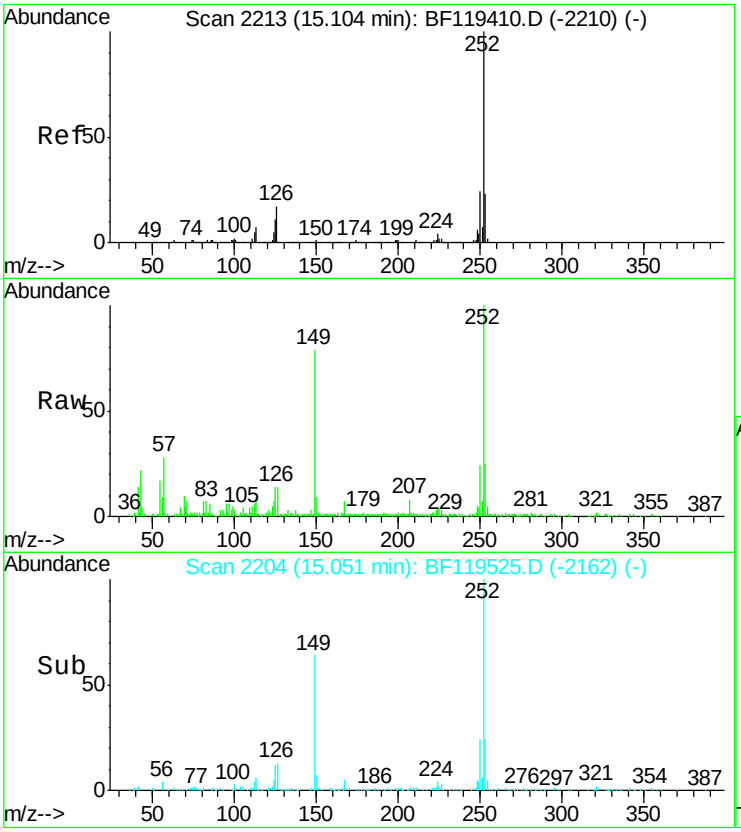


#88
Benzo(b)fluoranthene
Concen: 4.697 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Tgt Ion:252 Resp: 177127

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.4
125	13.9	8.8	13.2#



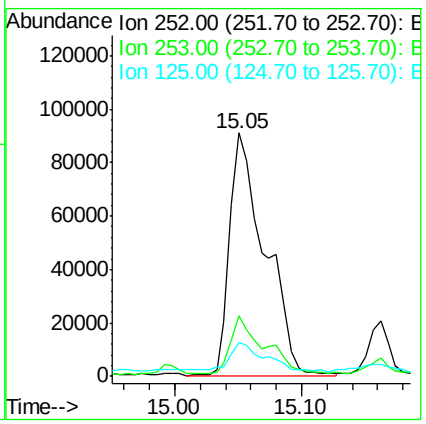


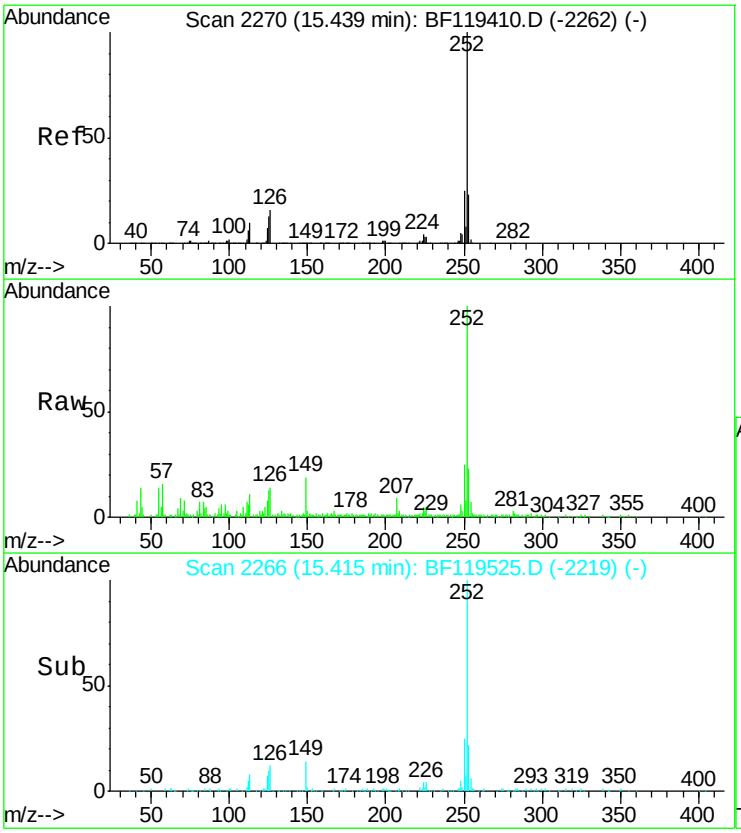
#89
Benzo(k)fluoranthene
Concen: 4.933 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.05 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Instrument :
BNA_F
ClientSampleId :
GHD1-SB-0203-0-11

Tgt Ion:252 Resp: 177127

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.4
125	13.9	9.0	13.4#





#90
Benzo(a)pyrene
Concen: 2.639 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BF119525.D
Acq: 26 Mar 2020 3:47

Tgt Ion:252 Resp: 90441

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	13.4	10.2	15.2