Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082418\
Data File : BF108480.D
Acq On : 24 Aug 2018 22:57
Operator : JU/SJ
Sample : J4581-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q3-D2

Quant Time: Aug 25 00:32:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	125675	20.00	ng		-0.01
21) Naphthalene-d8	8.28	136	481178	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	235651	20.00	ng		-0.01
63) Phenanthrene-d10	11.54	188	429635	20.00	ng		-0.01
75) Chrysene-d12	14.19	240	265082	20.00	ng		-0.01
86) Perylene-d12	15.74	264	277191	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	560777	80.78	ng		0.00
7) Phenol-d6	6.62	99	765511	82.99	ng		-0.01
23) Nitrobenzene-d5	7.56	82	506460	58.73	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	206863	88.01	ng		-0.01
44) 2-Fluorobiphenyl	9.35	172	812454	55.35	ng		-0.01
78) Terphenyl-d14	13.12	244	680824	65.30	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.56	70	68415	10.968	ng	#	82
25) Isophorone	7.56	82	506549	30.820	ng	#	64
32) Benzoic acid	7.98	122	720	6.123	ng		94
49) Dimethylphthalate	9.75	163	364677	22.216	ng		99
56) 2,4-Dinitrotoluene	10.04	165	31440	7.112	ng	#	23
57) Fluorene	10.59	166	41135	2.697	ng		99
64) 4,6-Dinitro-2-methylphenol	10.84	198	402	5.580	ng	#	1
66) 4-Bromophenyl-phenylether	10.84	248	13606	2.914	ng	#	1
70) Phenanthrene	11.56	178	347600	17.153	ng		98
71) Anthracene	11.61	178	86740	4.176	ng		98
74) Fluoranthene	12.75	202	354186	16.015	ng		96
77) Pyrene	12.99	202	375043	22.347	ng		100
80) Benzo(a)anthracene	14.18	228	146051	9.600	ng		98
82) Chrysene	14.21	228	134238	9.625	ng		97
85) Indeno(1,2,3-cd)pyrene	17.35	276	92904	7.688	ng	#	89
87) Benzo(b)fluoranthene	15.28	252	246249	14.867	ng		97
89) Benzo(a)pyrene	15.68	252	156871	10.577	ng		98
90) Dibenzo(a,h)anthracene	17.35	278	24640	2.008	ng		95

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

Quantitation Report (Not Reviewed)

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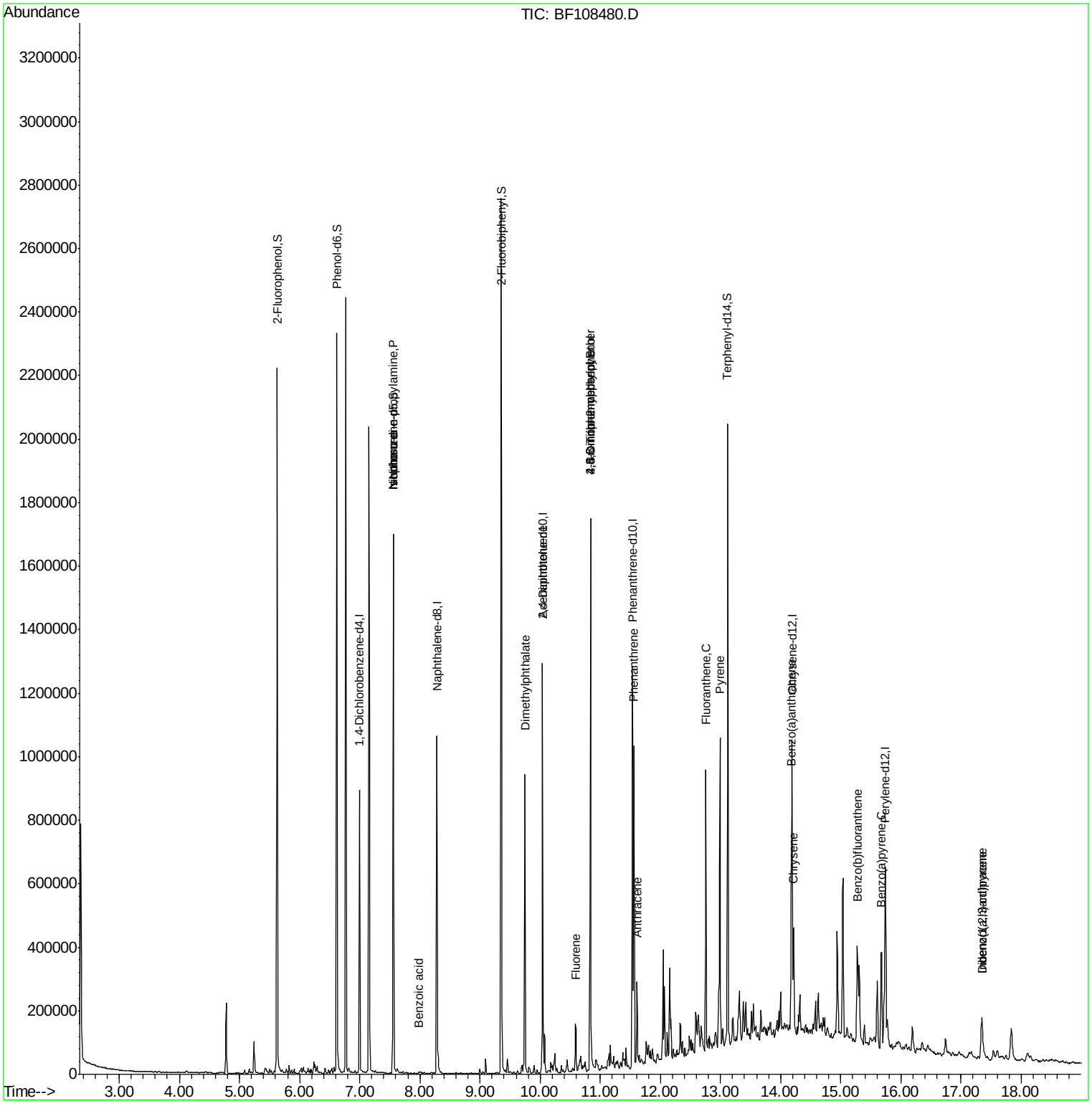
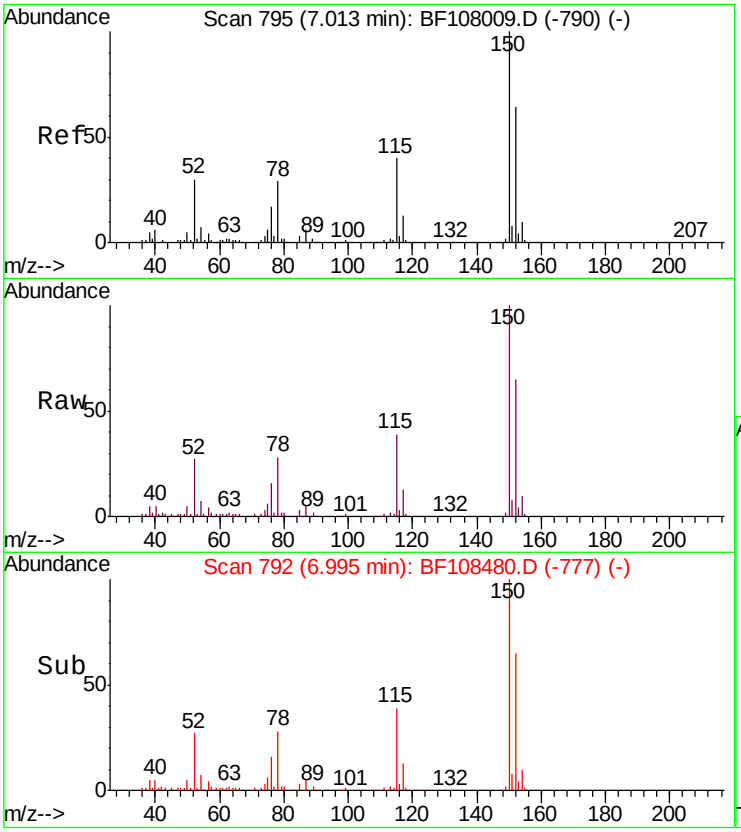


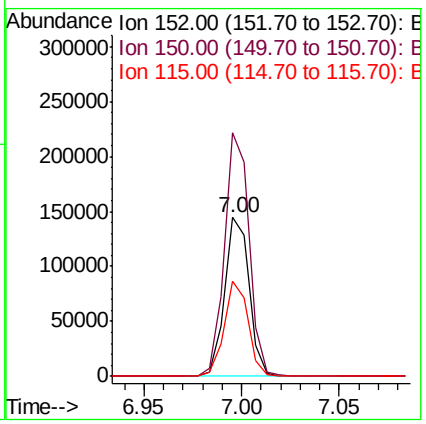


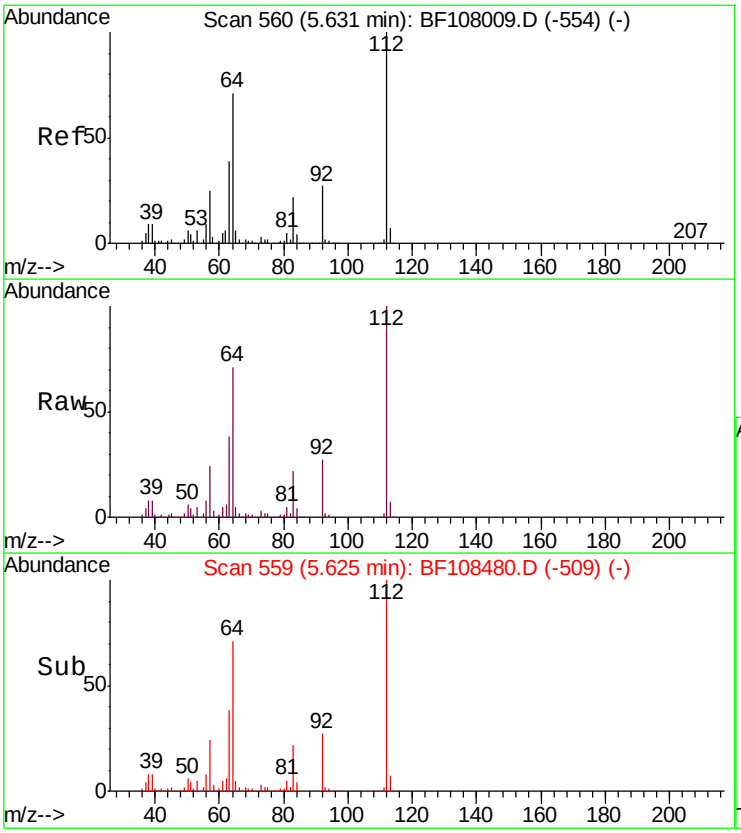
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-D2

Tgt Ion:152 Resp: 125675

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.6	186.8
115	60.0	50.1	75.1

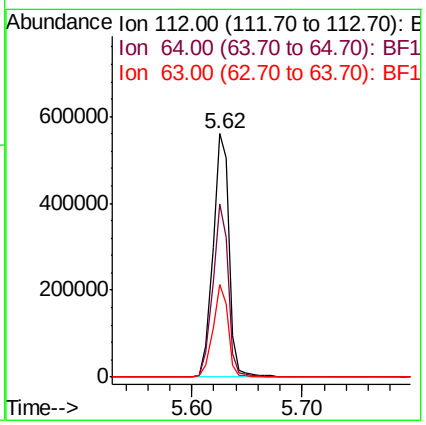


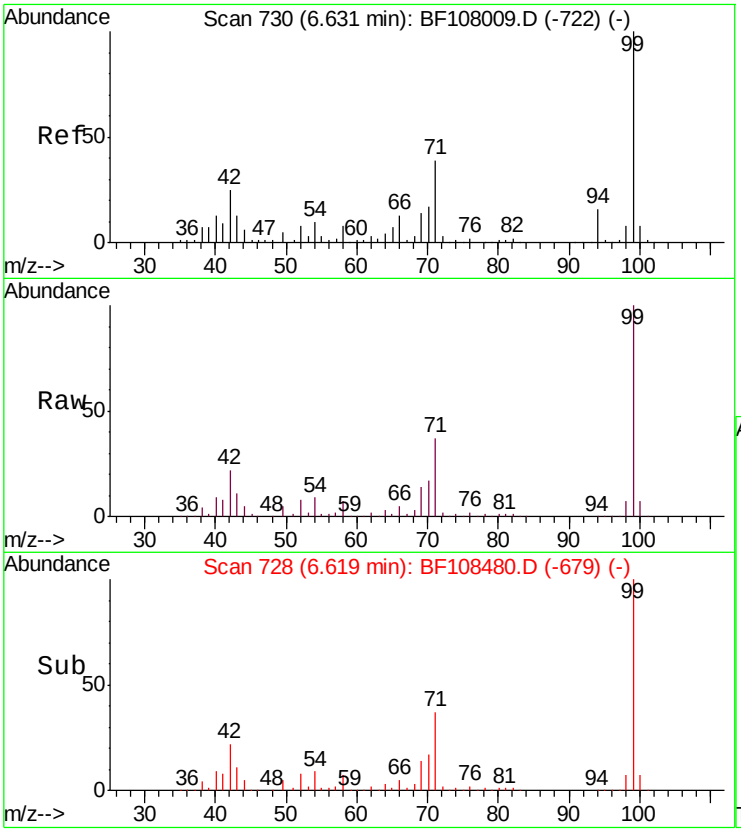


#5
2-Fluorophenol
Concen: 80.785 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Tgt Ion:112 Resp: 560777

Ion	Ratio	Lower	Upper
112	100		
64	71.0	47.9	71.9
63	38.0	23.7	35.5#



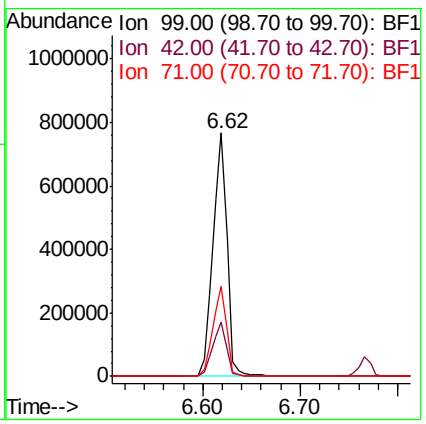


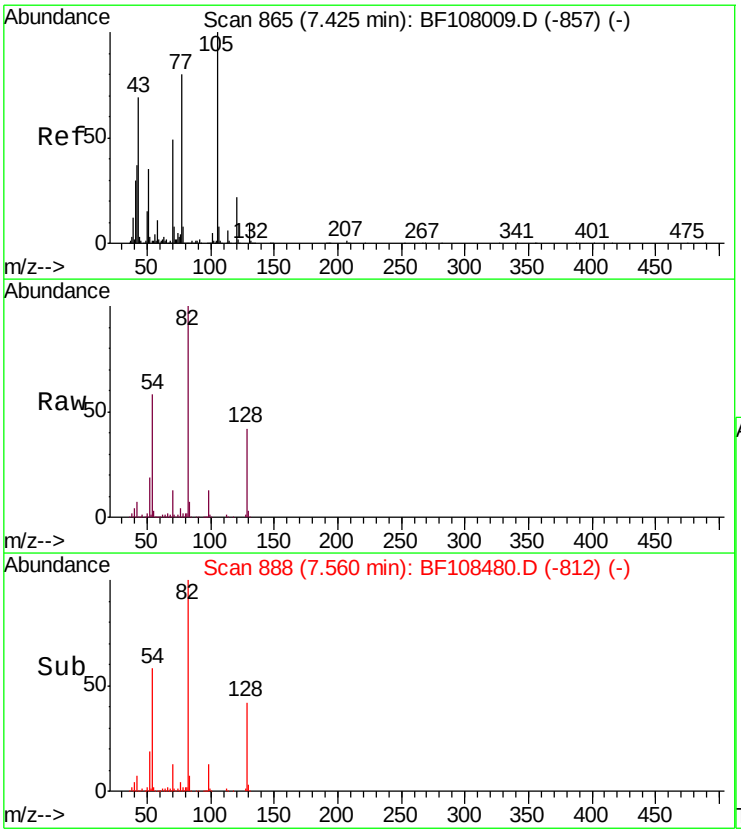
#7
Phenol-d6
Concen: 82.987 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-D2

Tgt Ion: 99 Resp: 765511

Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.5	21.7#
71	37.0	25.4	38.0

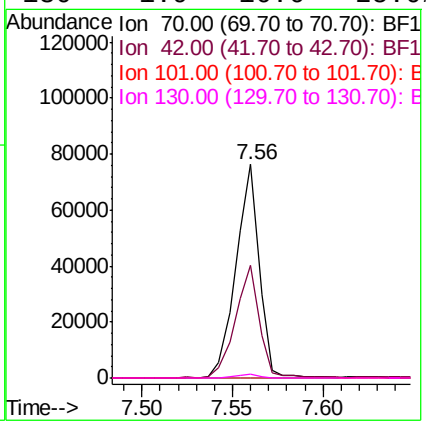


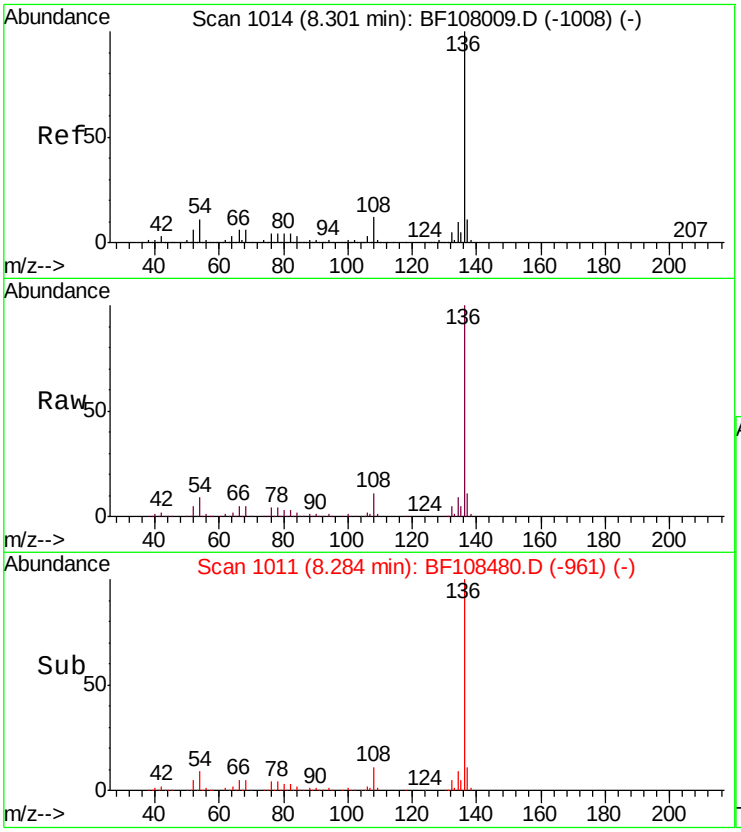


#19
n-Nitroso-di-n-propylamine
Concen: 10.968 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Tgt Ion: 70 Resp: 68415

Ion	Ratio	Lower	Upper
70	100		
42	52.5	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



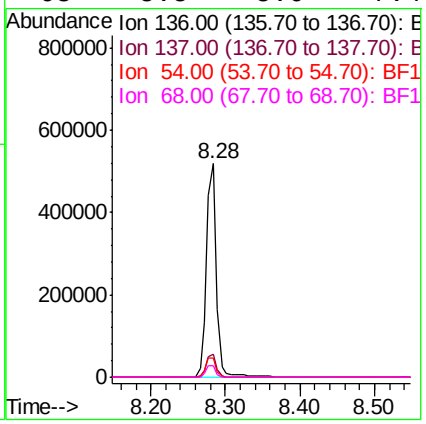


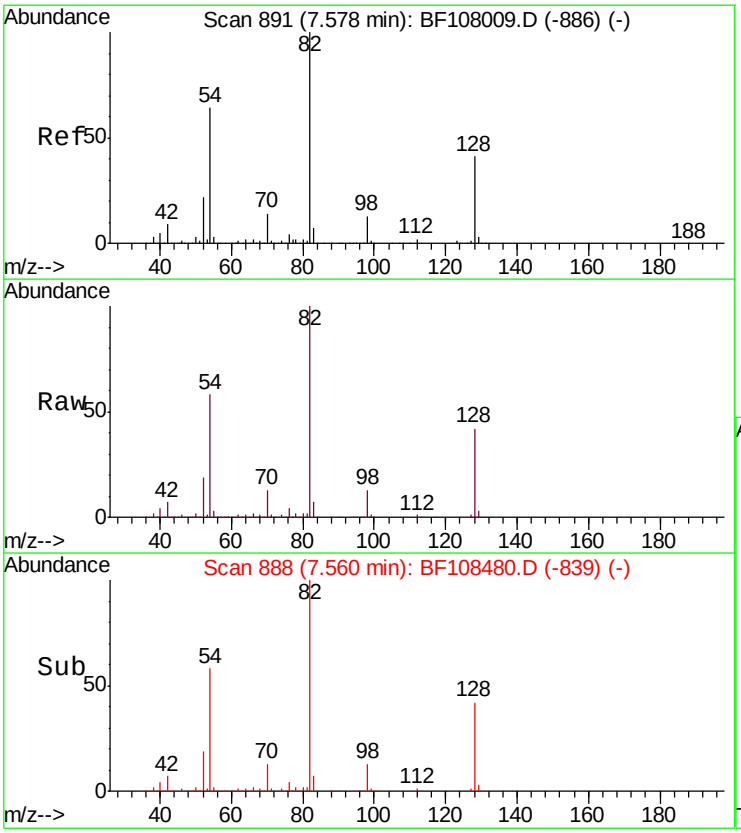
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-D2

Tgt Ion:136 Resp: 481178

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.3	6.6	9.8
68	5.5	5.0	7.4

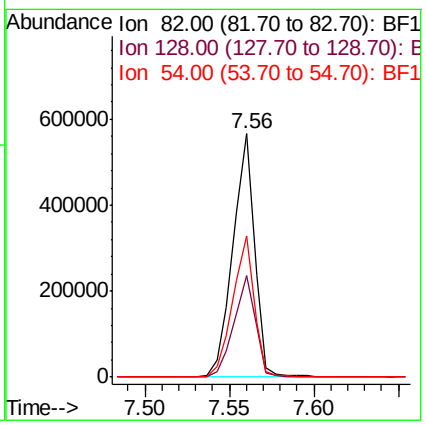


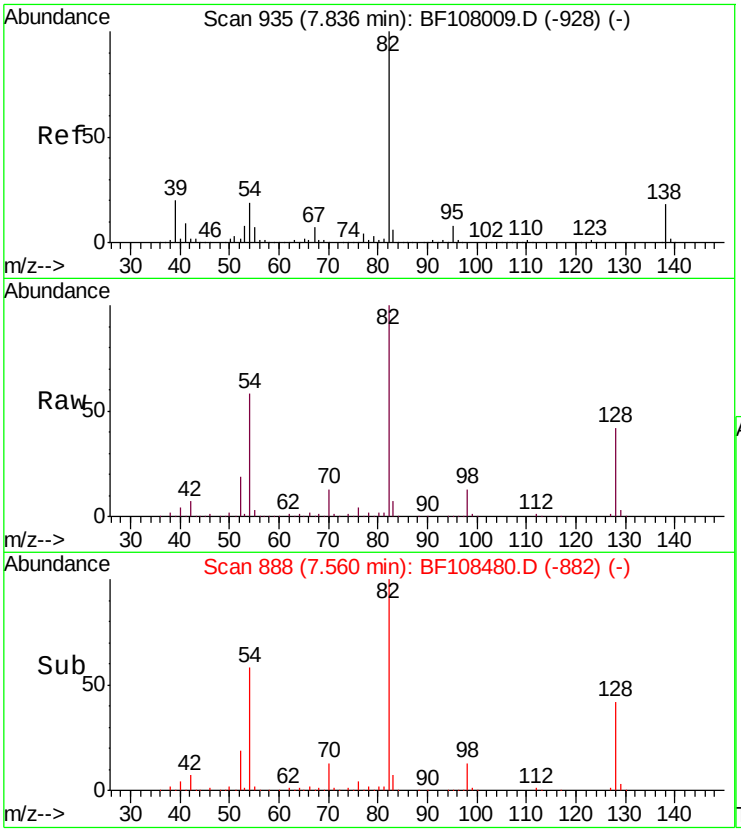


#23
Nitrobenzene-d5
Concen: 58.733 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Tgt Ion: 82 Resp: 506460

Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.1	54.1
54	58.1	41.4	62.2



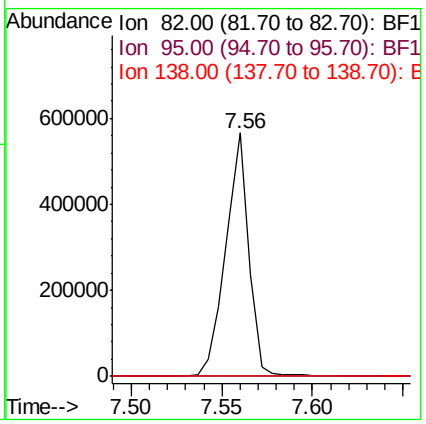


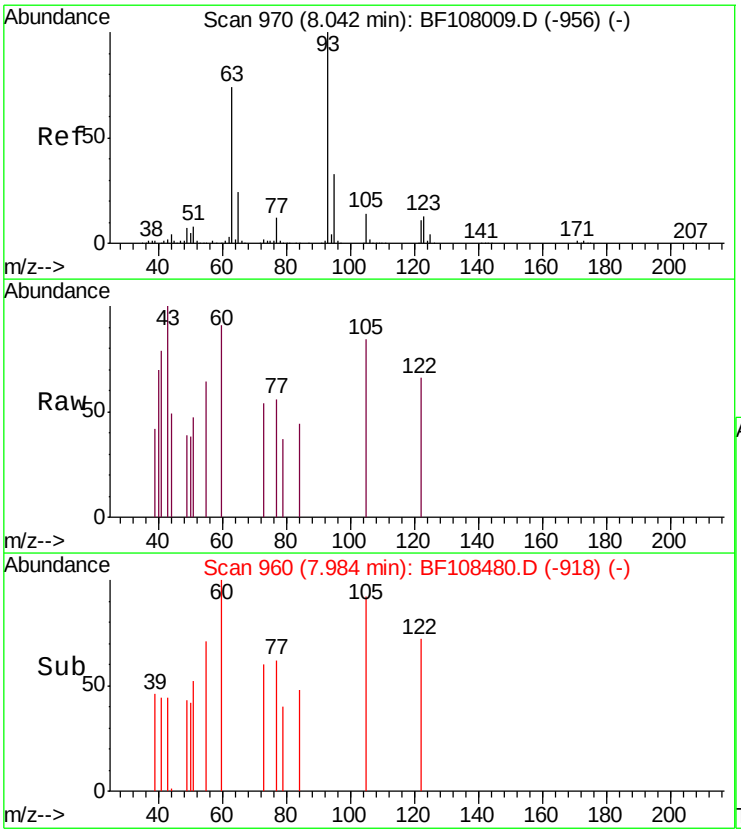
#25
Isophorone
Concen: 30.820 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-D2

Tgt Ion: 82 Resp: 506549

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

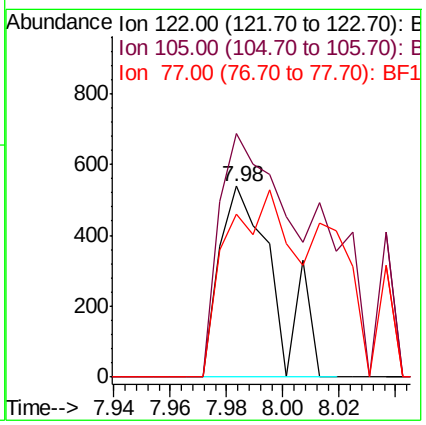


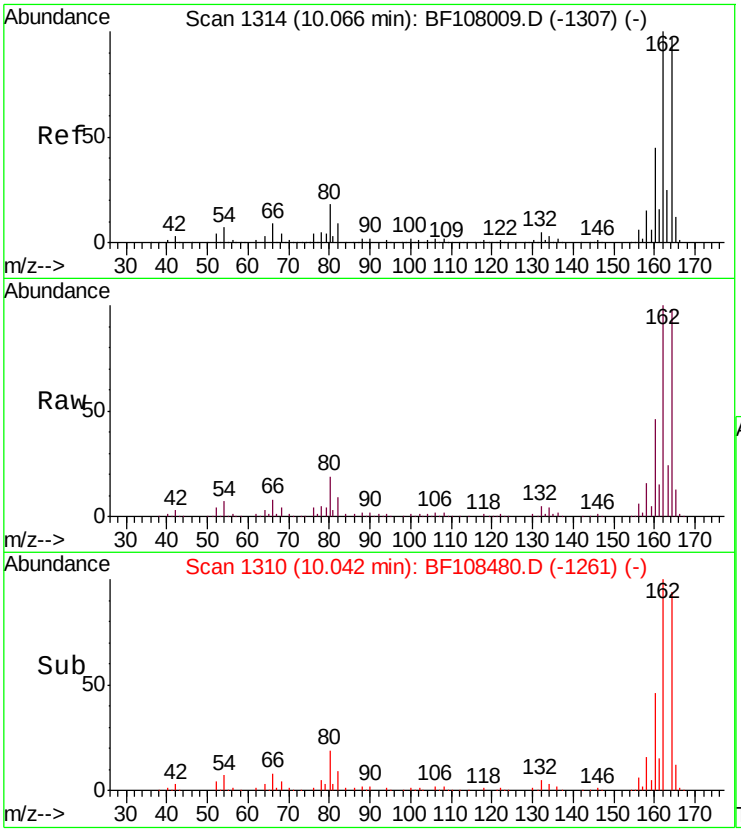


#32
Benzoic acid
Concen: 6.123 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.05 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Tgt Ion:122 Resp: 720

Ion	Ratio	Lower	Upper
122	100		
105	127.7	101.1	141.1
77	85.5	70.7	110.7



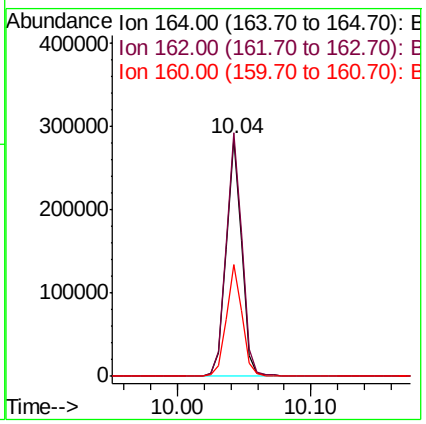


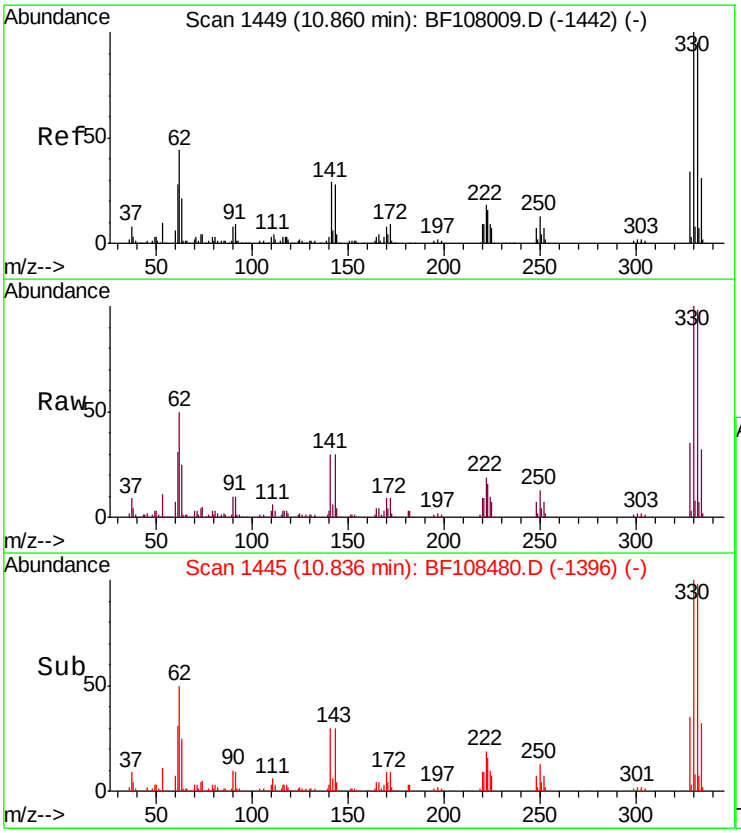
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-D2

Tgt Ion:164 Resp: 235651

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	46.9	38.3	57.5

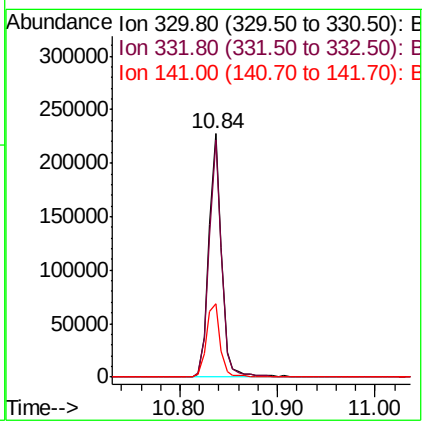


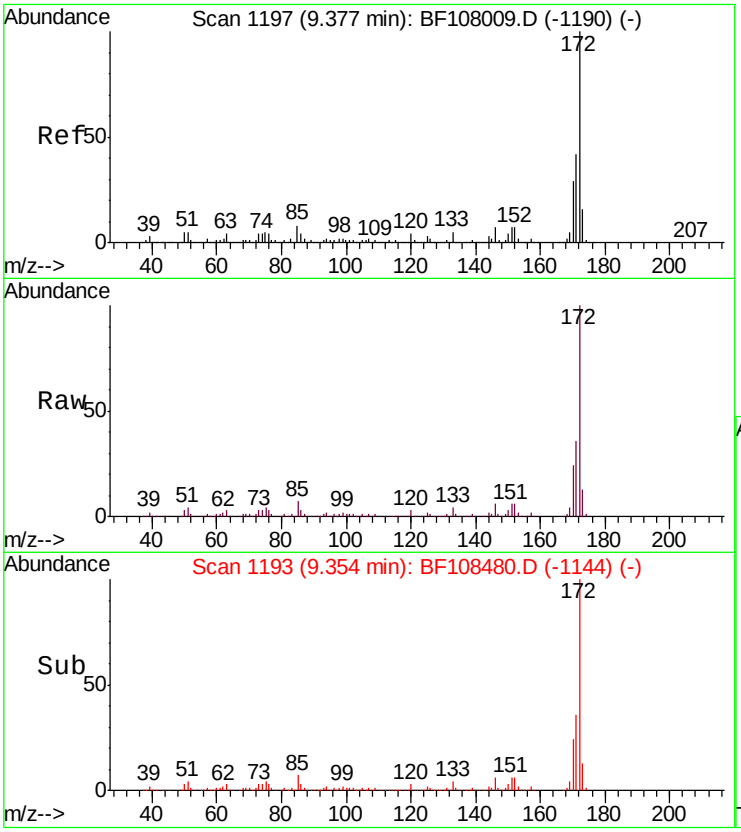


#41
2,4,6-Tribromophenol
Concen: 88.006 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Tgt Ion:330 Resp: 206863

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.9	29.9	44.9



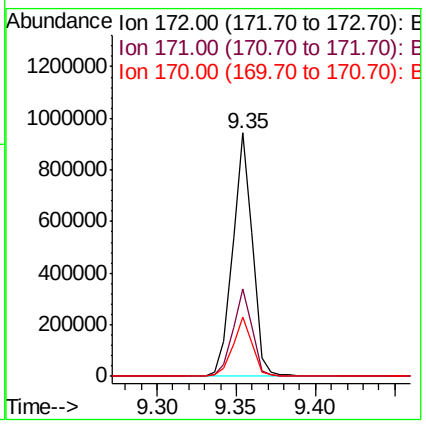


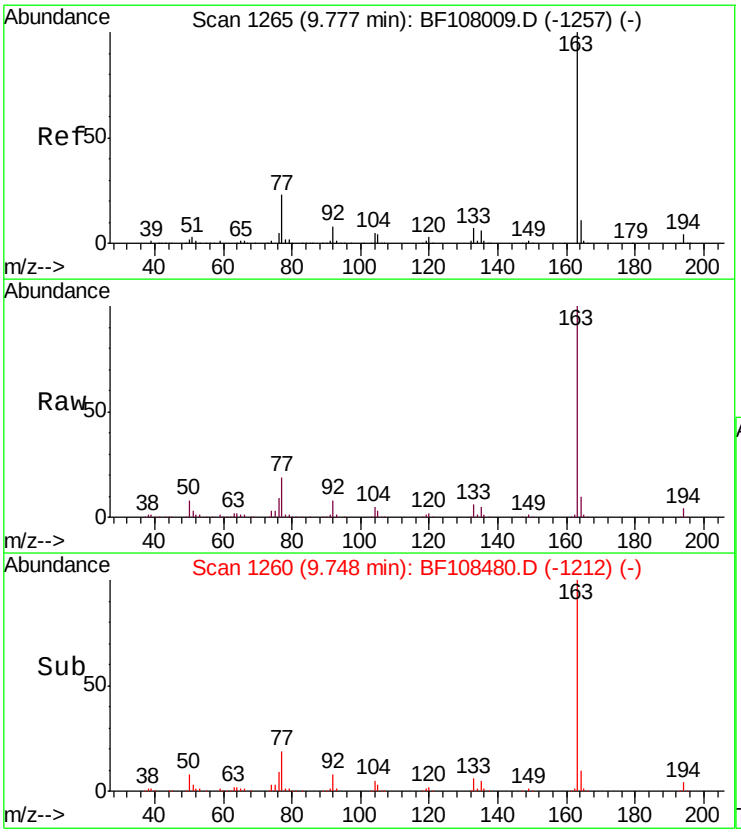
#44
2-Fluorobiphenyl
Concen: 55.352 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-D2

Tgt Ion:172 Resp: 812454

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	19.6	29.4

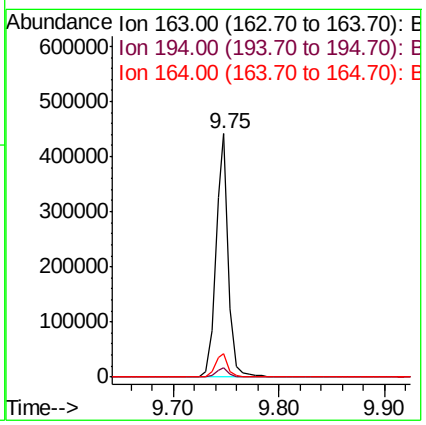


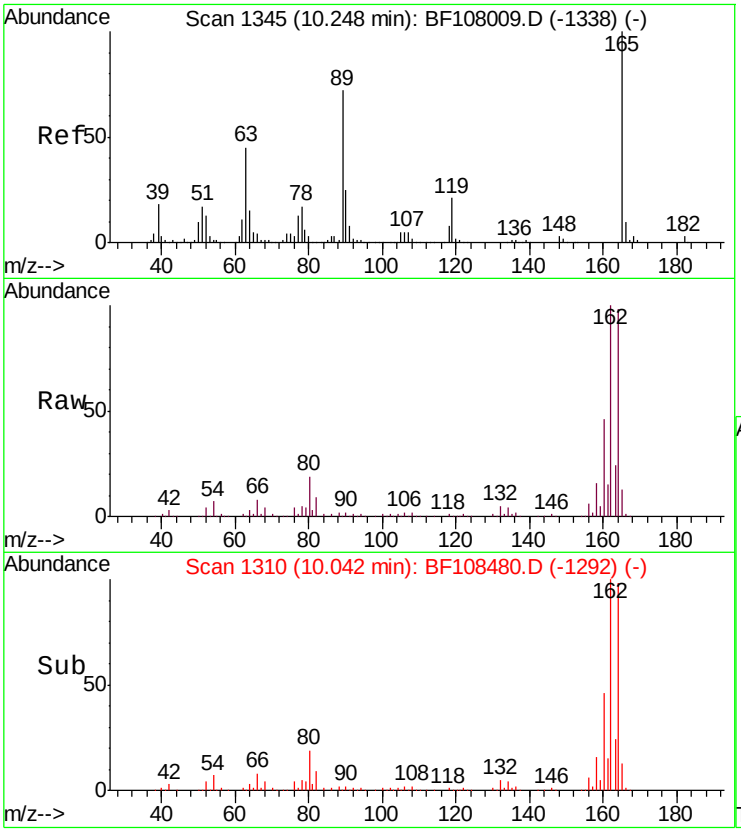


#49
Dimethylphthalate
Concen: 22.216 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Tgt Ion:163 Resp: 364677

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.8	8.2	12.2



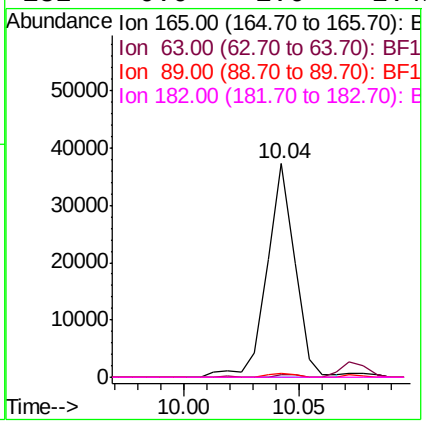


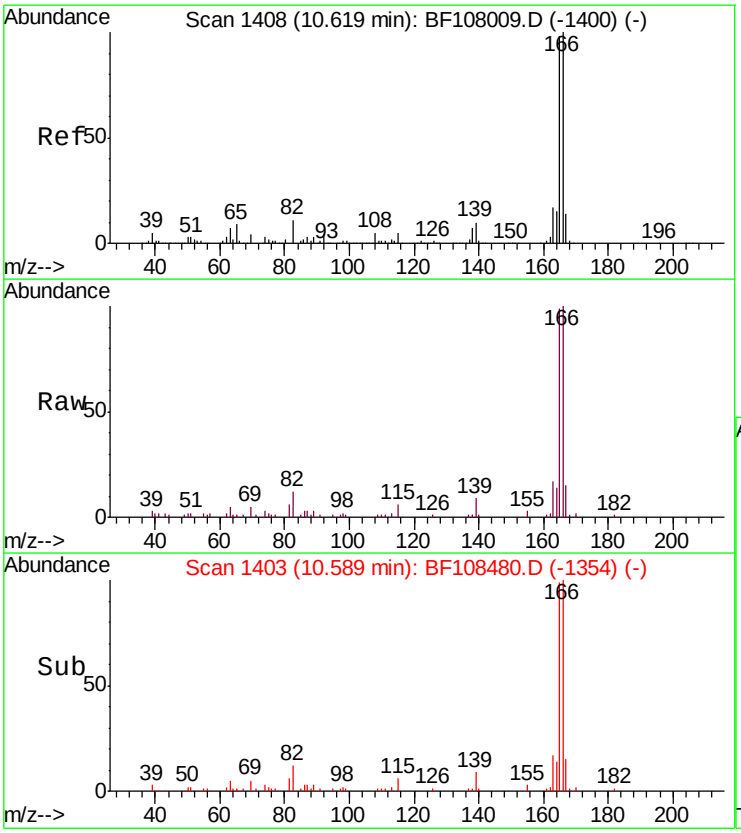
#56
2,4-Dinitrotoluene
Concen: 7.112 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-D2

Tgt Ion:165 Resp: 31440

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

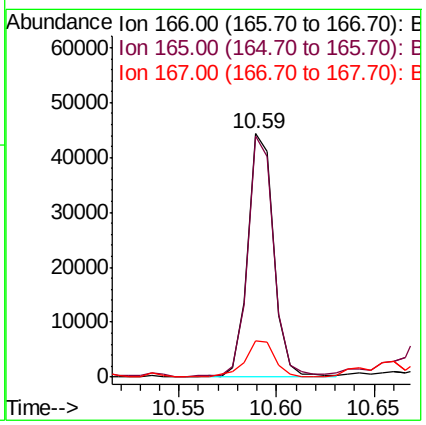


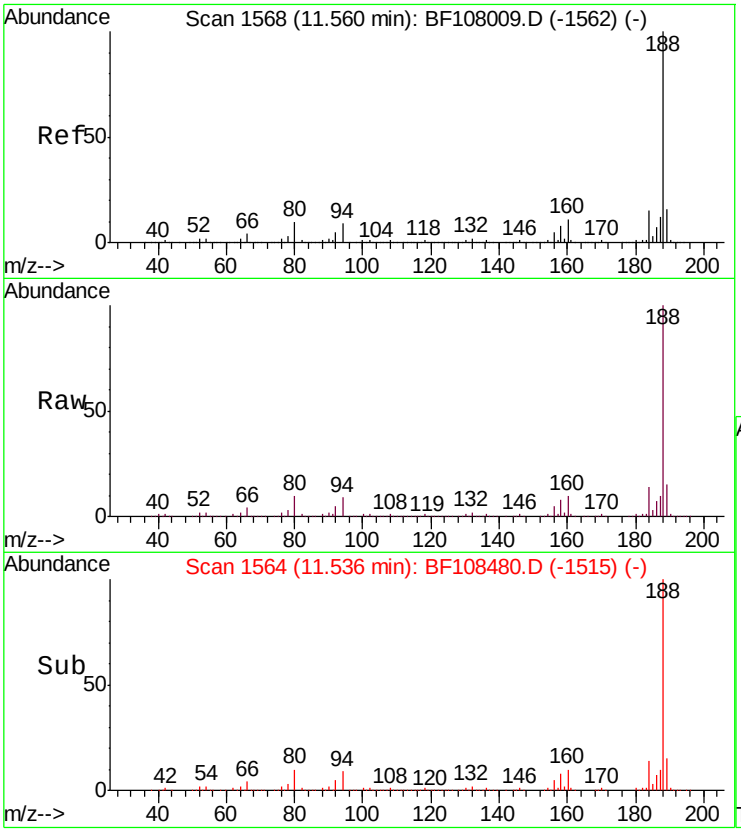


#57
Fluorene
Concen: 2.697 ng
RT: 10.59 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Tgt Ion:166 Resp: 41135

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	15.0	10.6	16.0



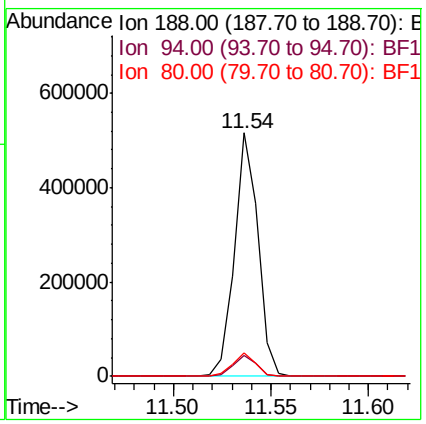


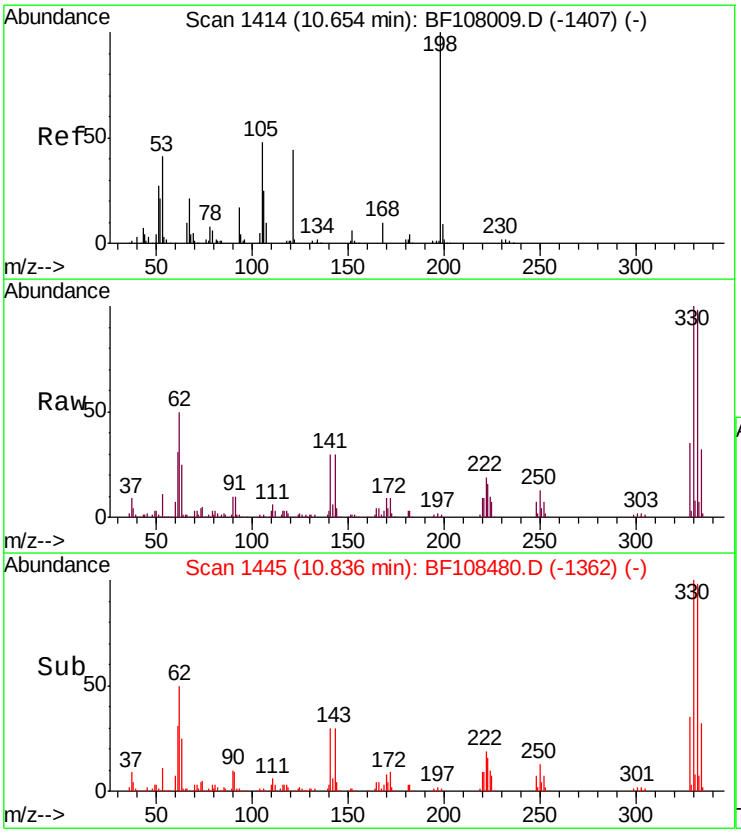
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-D2

Tgt Ion:188 Resp: 429635

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.7	9.2	13.8

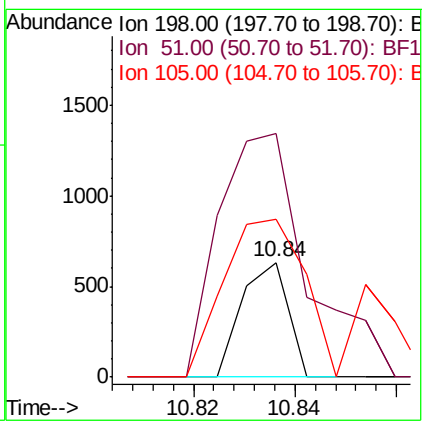


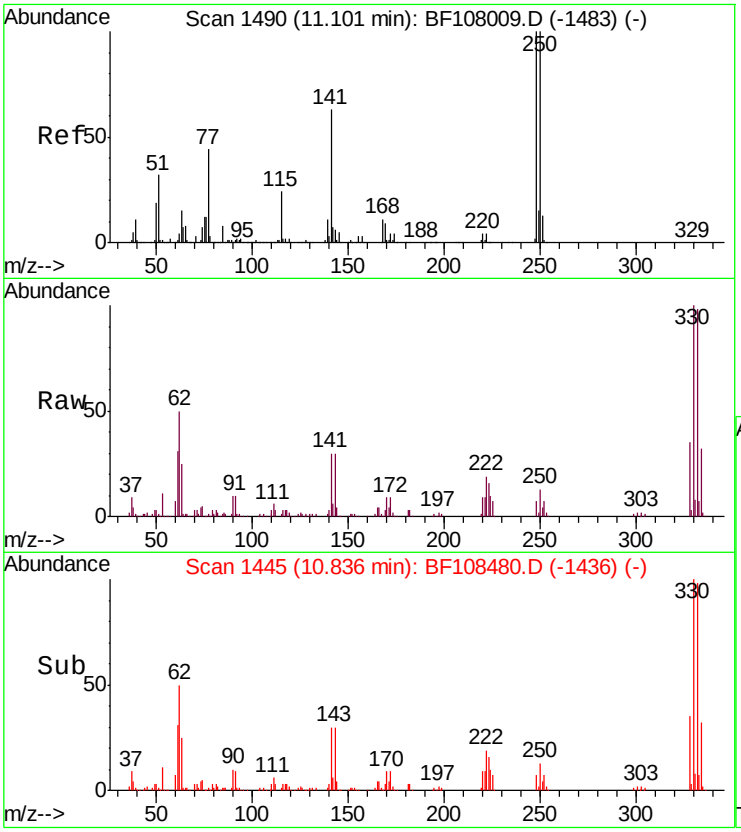


#64
4,6-Dinitro-2-methylphenol
Concen: 5.580 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Tgt Ion:198 Resp: 402

Ion	Ratio	Lower	Upper
198	100		
51	211.8	37.7	77.7#
105	137.9	36.3	76.3#



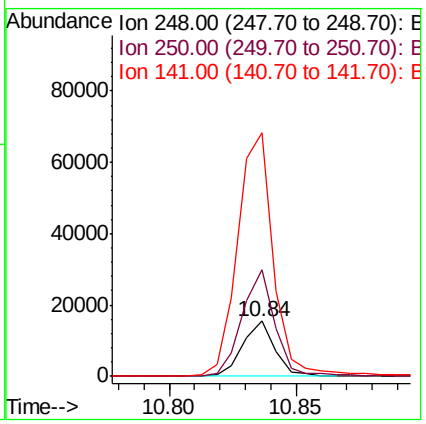


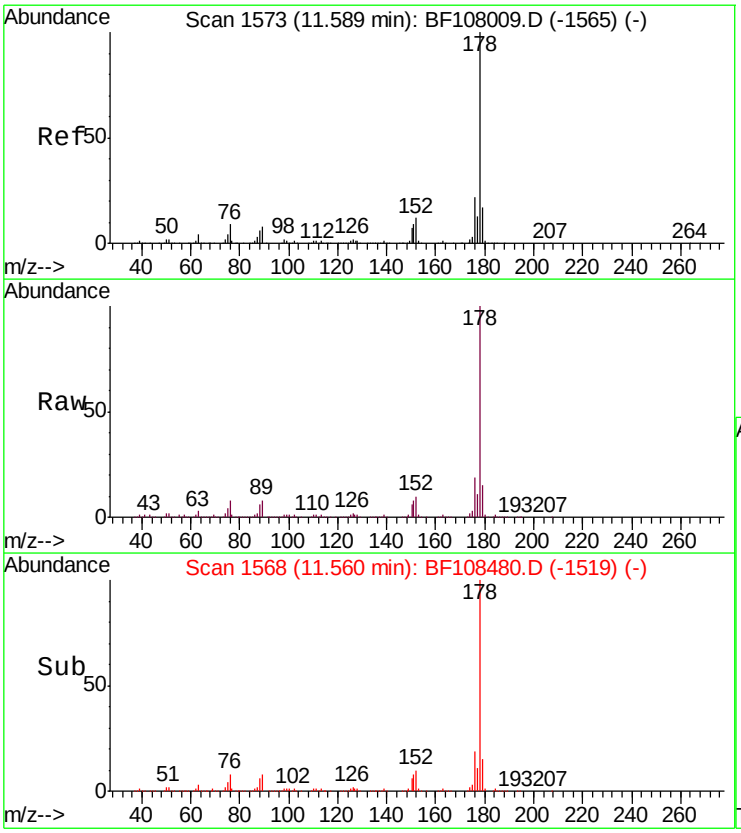
#66
4-Bromophenyl-phenylether
Concen: 2.914 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-D2

Tgt Ion:248 Resp: 13606

Ion	Ratio	Lower	Upper
248	100		
250	194.0	76.9	115.3#
141	441.1	74.4	111.6#

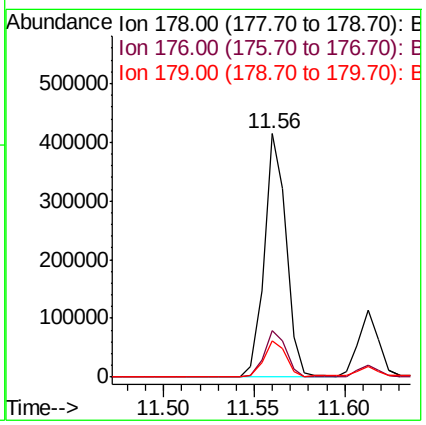


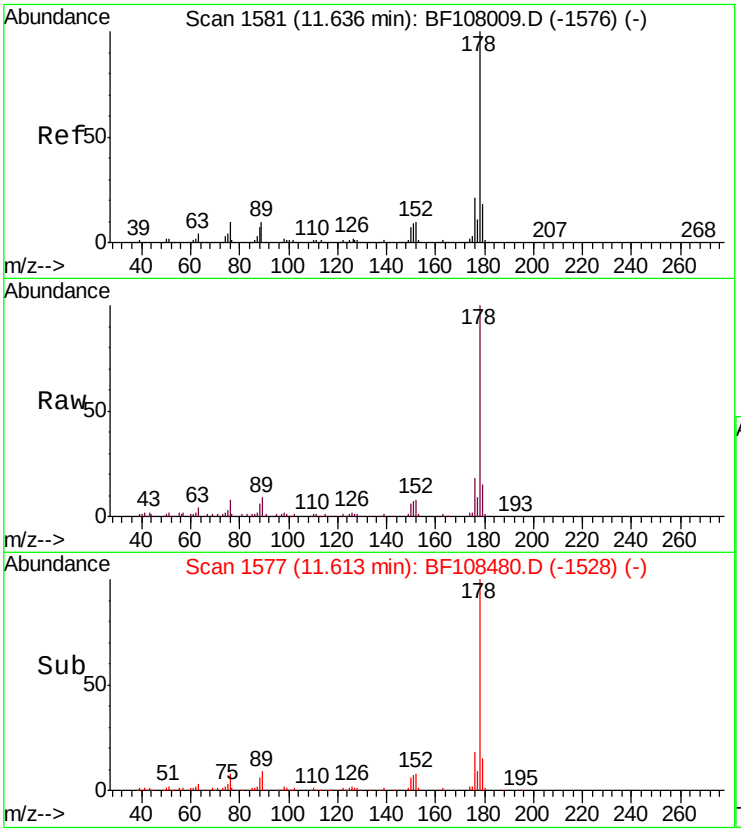


#70
Phenanthrene
Concen: 17.153 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Tgt Ion:178 Resp: 347600

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.1	13.0	19.6



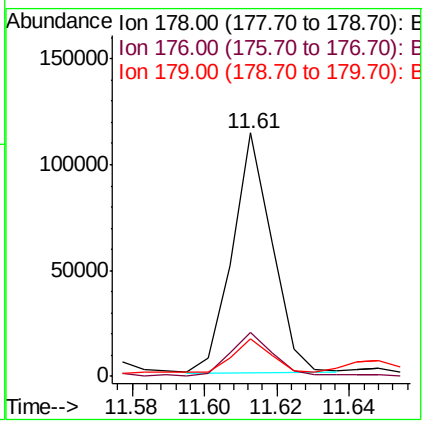


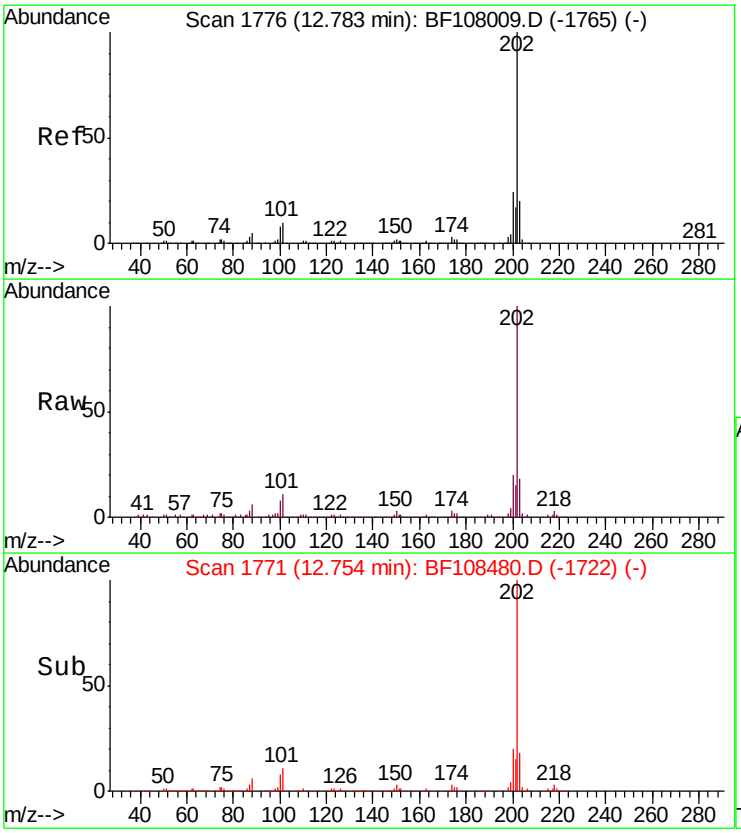
#71
Anthracene
Concen: 4.176 ng
RT: 11.61 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-D2

Tgt Ion:178 Resp: 86740

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	15.2	12.6	19.0

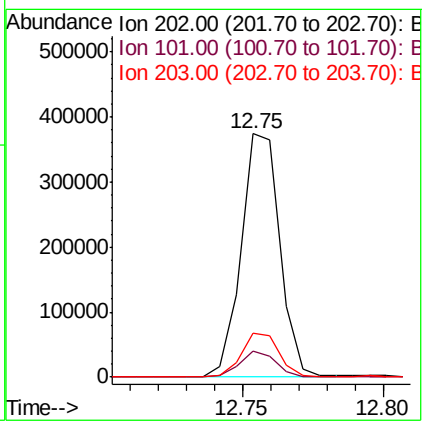


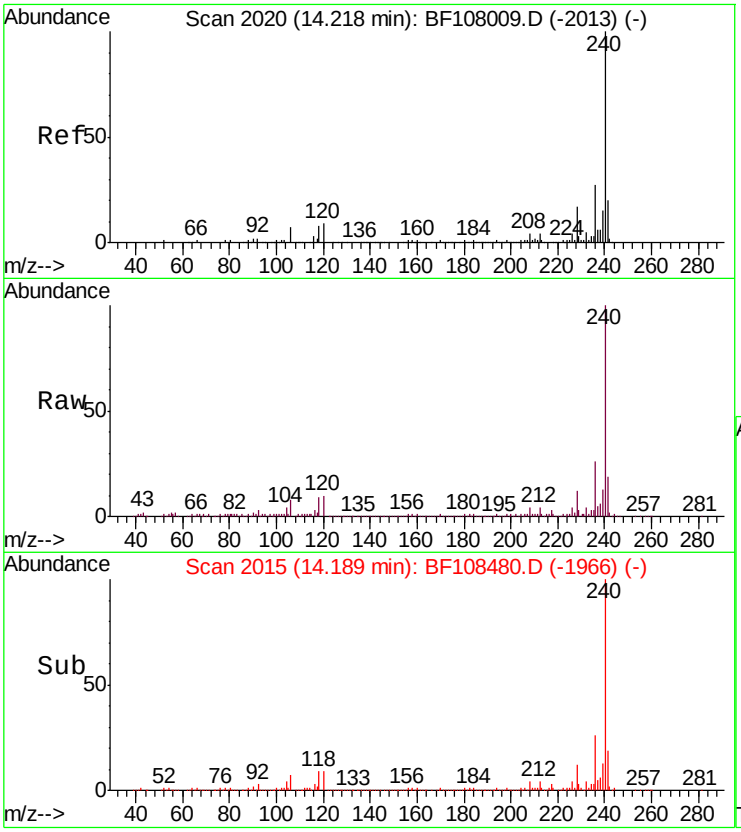


#74
Fluoranthene
Concen: 16.015 ng
RT: 12.75 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Tgt Ion:202 Resp: 354186

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.1
203	17.9	0.0	38.1



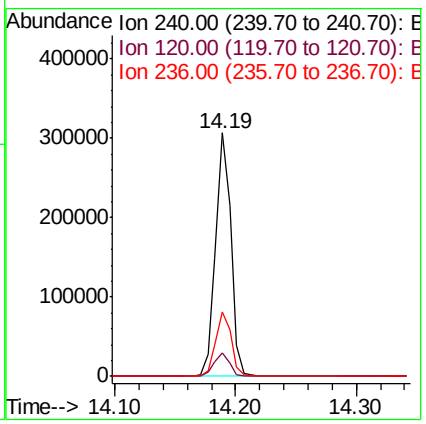


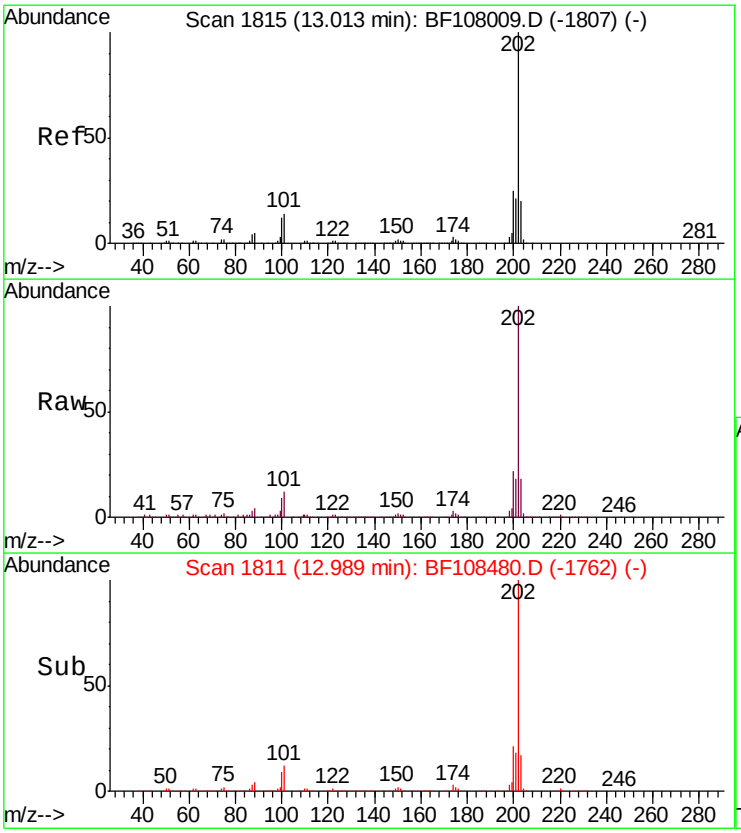
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-D2

Tgt Ion:240 Resp: 265082

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	26.4	20.7	31.1

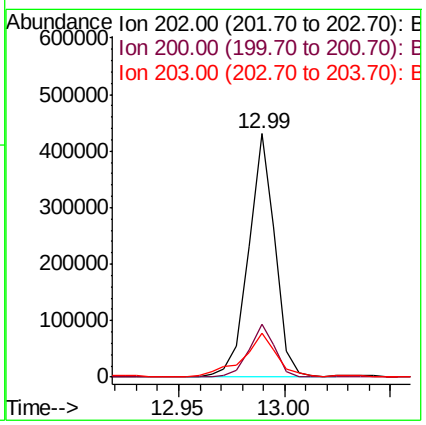


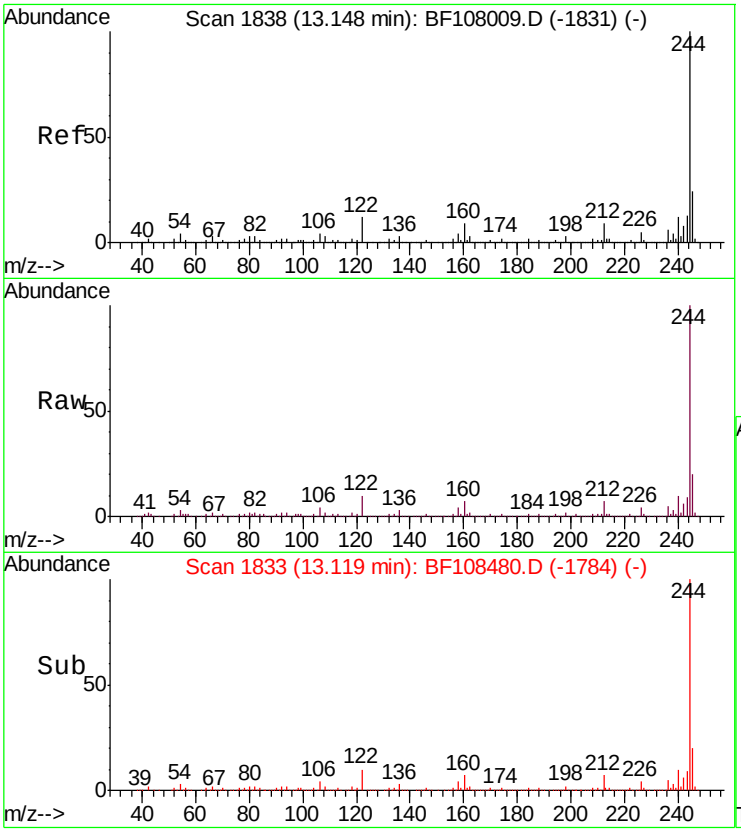


#77
Pyrene
Concen: 22.347 ng
RT: 12.99 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Tgt Ion:202 Resp: 375043

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.0	14.3	21.5



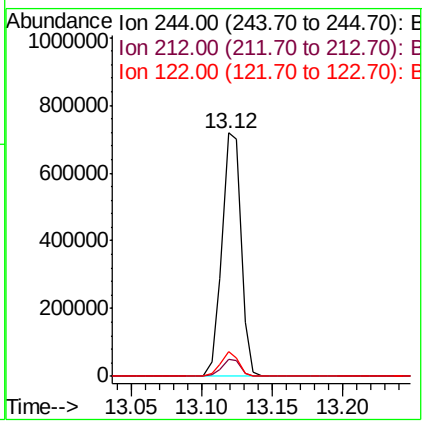


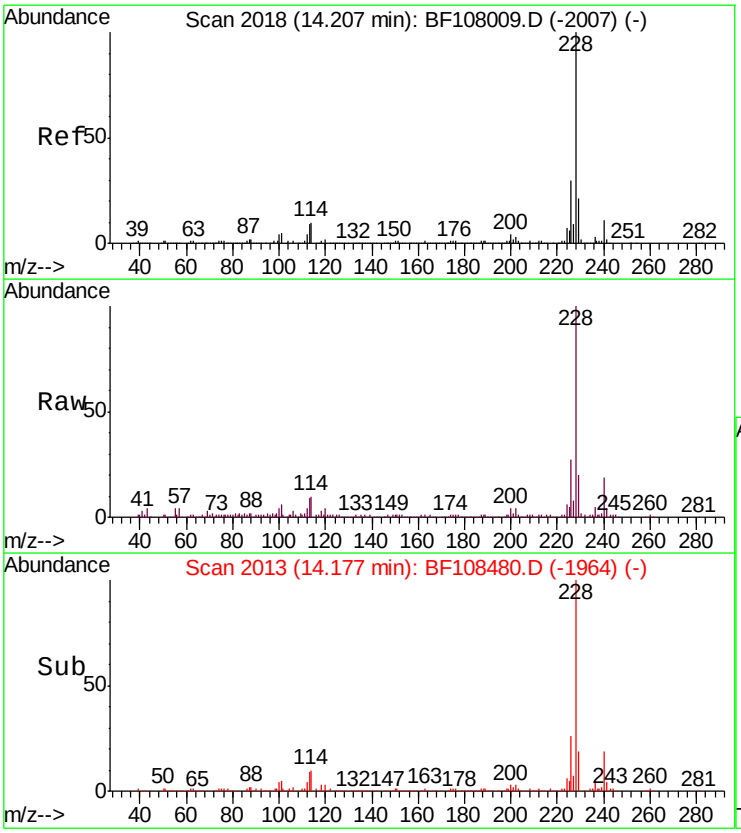
#78
Terphenyl-d14
Concen: 65.302 ng
RT: 13.12 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-D2

Tgt Ion:244 Resp: 680824

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.3	11.0	16.4#

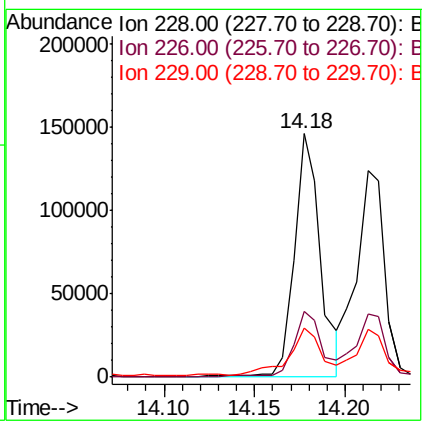


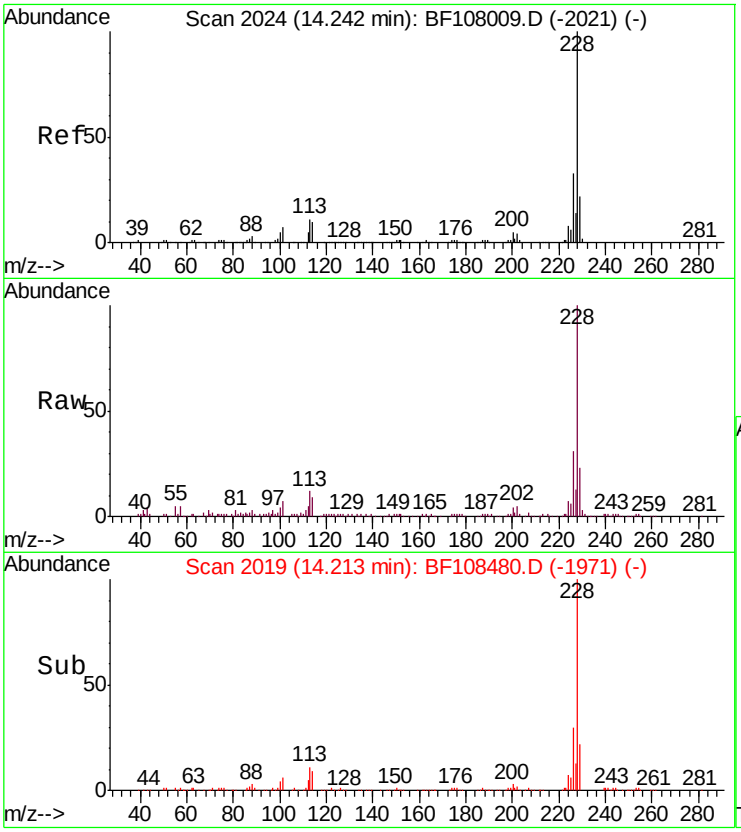


#80
Benzo(a)anthracene
Concen: 9.600 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Tgt Ion:228 Resp: 146051

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	20.3	15.8	23.6



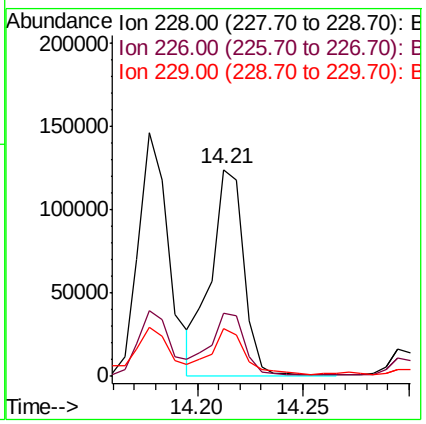


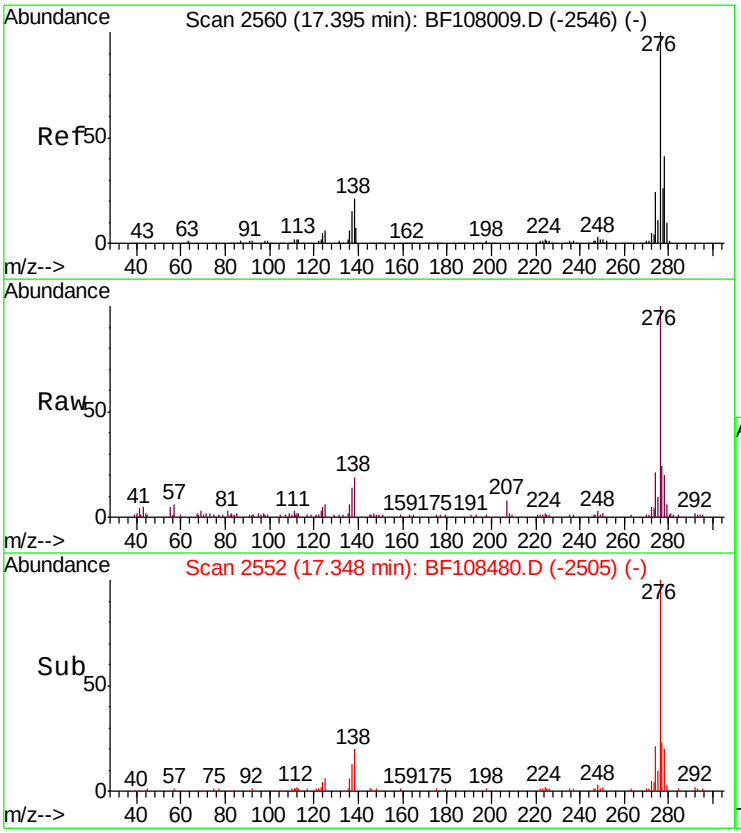
#82
Chrysene
Concen: 9.625 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-D2

Tgt Ion:228 Resp: 134238

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	22.9	16.2	24.4

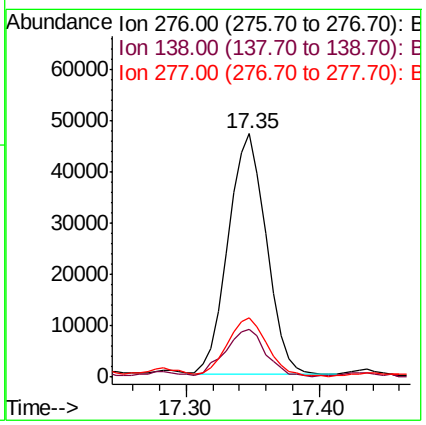


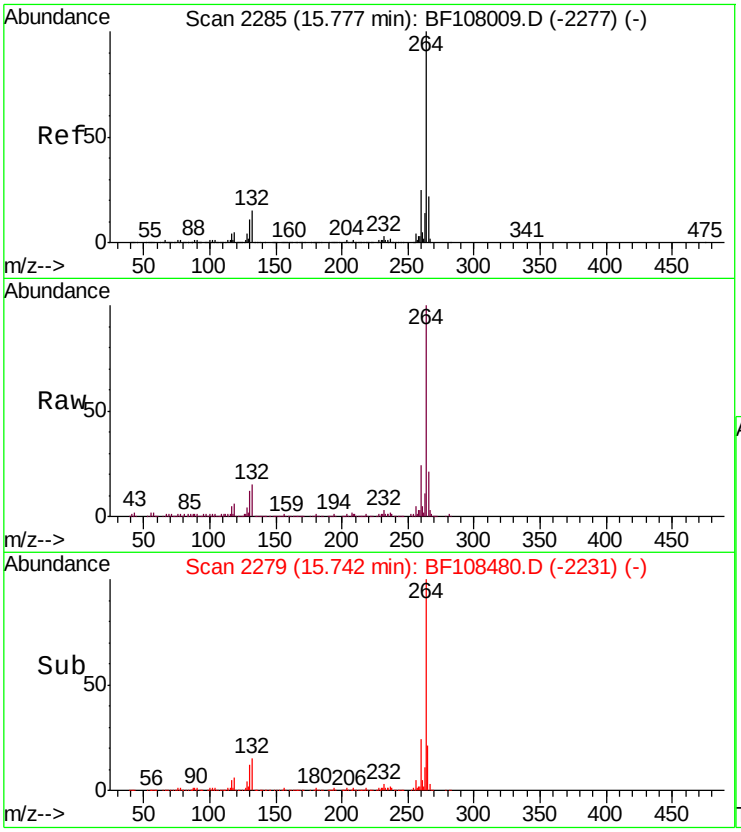


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.688 ng
RT: 17.35 min Scan# 2552
Delta R.T. -0.02 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Tgt Ion:276 Resp: 92904

Ion	Ratio	Lower	Upper
276	100		
138	21.4	25.0	37.6#
277	26.3	20.1	30.1



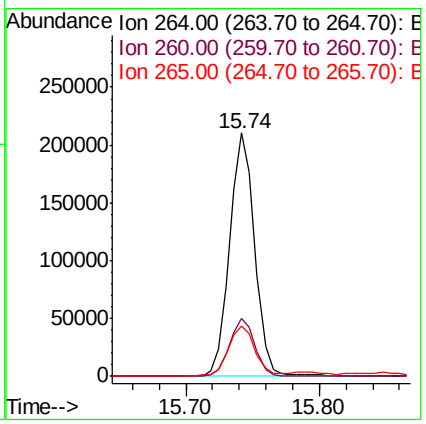


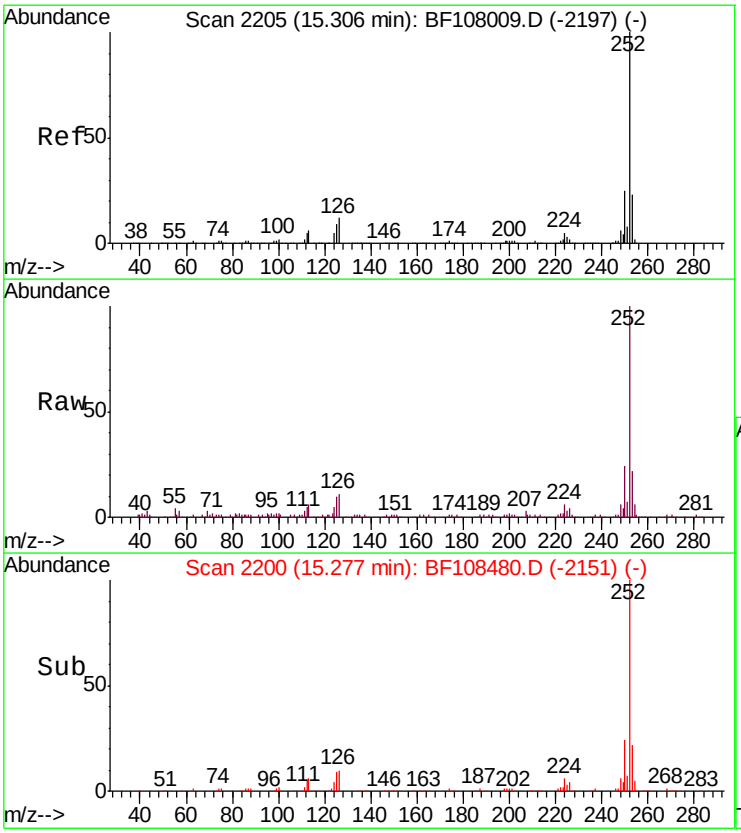
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-D2

Tgt Ion:264 Resp: 277191

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.9	17.5	26.3

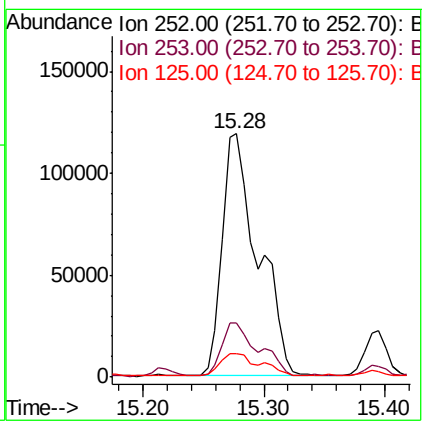


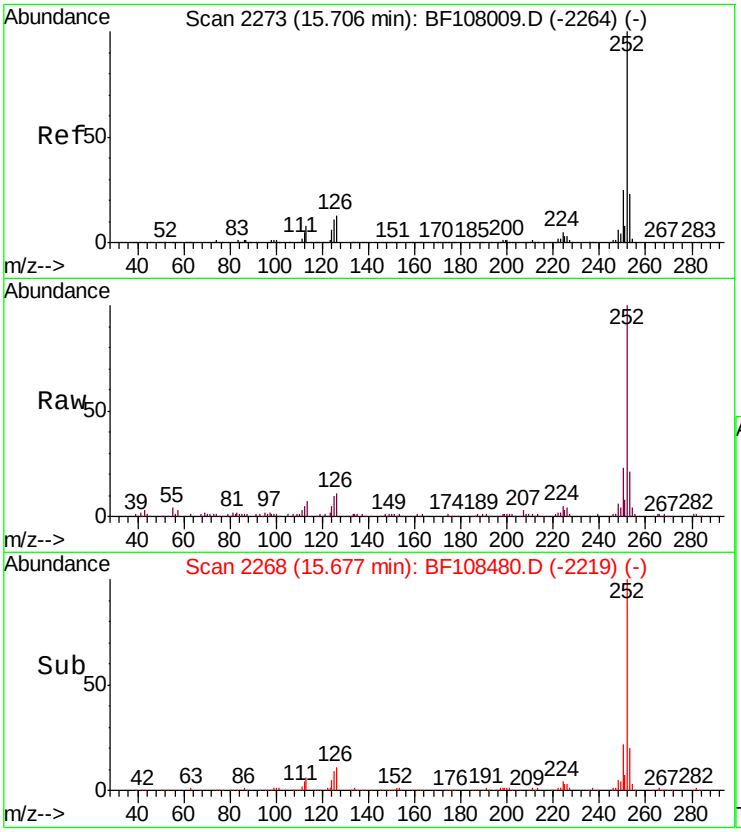


#87
Benzo(b)fluoranthene
Concen: 14.867 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Tgt Ion:252 Resp: 246249

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	9.7	9.0	13.6



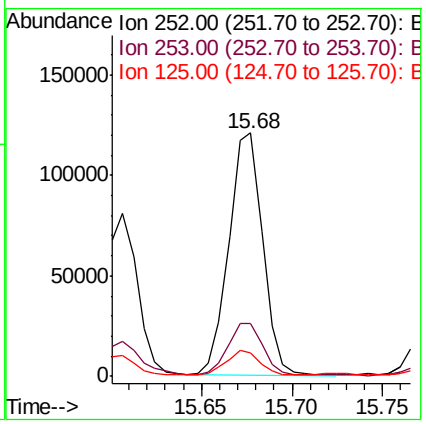


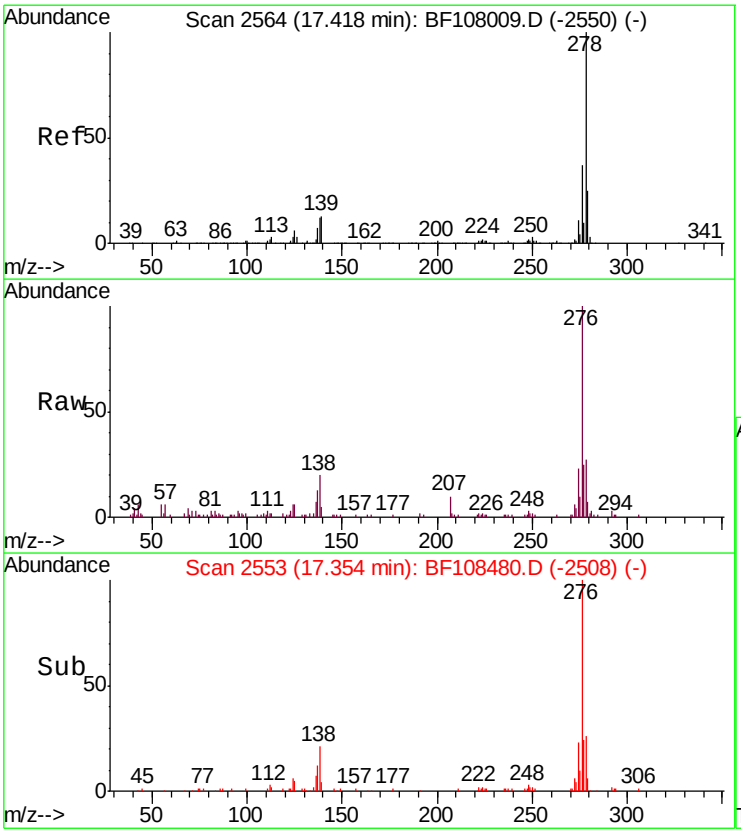
#89
Benzo(a)pyrene
Concen: 10.577 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-D2

Tgt Ion:252 Resp: 156871

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	9.9	9.8	14.6





#90
Dibenzo(a,h)anthracene
Concen: 2.008 ng
RT: 17.35 min Scan# 2553
Delta R.T. -0.04 min
Lab File: BF108480.D
Acq: 24 Aug 2018 22:57

Tgt Ion:278 Resp: 24640

Ion	Ratio	Lower	Upper
278	100		
139	18.5	15.9	23.9
279	27.0	19.0	28.4