Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113136.D
Acq On : 19 Mar 2019 20:11
Operator : JU/SJ
Sample : K1692-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-031819

Quant Time: Mar 20 01:48:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	180411	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	668207	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	285003	20.00	ng		-0.01
64) Phenanthrene-d10	11.23	188	465133	20.00	ng		-0.01
76) Chrysene-d12	13.86	240	359600	20.00	ng		0.00
87) Perylene-d12	15.27	264	234749	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	222128	19.15	ng		-0.01
7) Phenol-d6	6.36	99	292669	20.09	ng		-0.01
23) Nitrobenzene-d5	7.28	82	162813	14.58	ng		-0.02
42) 2,4,6-Tribromophenol	10.54	330	61730	20.40	ng		-0.01
45) 2-Fluorobiphenyl	9.08	172	319989	14.17	ng		-0.01
79) Terphenyl-d14	12.82	244	250077	13.48	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	21541	2.335	ng	#	78
25) Isophorone	7.28	82	162810	6.768	ng	#	66
51) 2,6-Dinitrotoluene	9.76	165	37000	8.455	ng	#	18
71) Phenanthrene	11.26	178	221416	9.568	ng		98
72) Anthracene	11.31	178	60123	2.482	ng		99
75) Fluoranthene	12.44	202	335826	13.545	ng		97
78) Pyrene	12.67	202	395769	13.055	ng		99
81) Benzo(a)anthracene	13.85	228	153311	6.151	ng		93
83) Chrysene	13.89	228	163335	6.691	ng		97
86) Indeno(1,2,3-cd)pyrene	16.63	276	45121	2.168	ng	#	89
88) Benzo(b)fluoranthene	14.87	252	145907	9.609	ng		98
89) Benzo(k)fluoranthene	14.87	252	145907	10.608	ng		97
90) Benzo(a)pyrene	15.22	252	88392	6.581	ng		98
92) Benzo(g,h,i)perylene	17.04	276	46537	4.044	ng		95

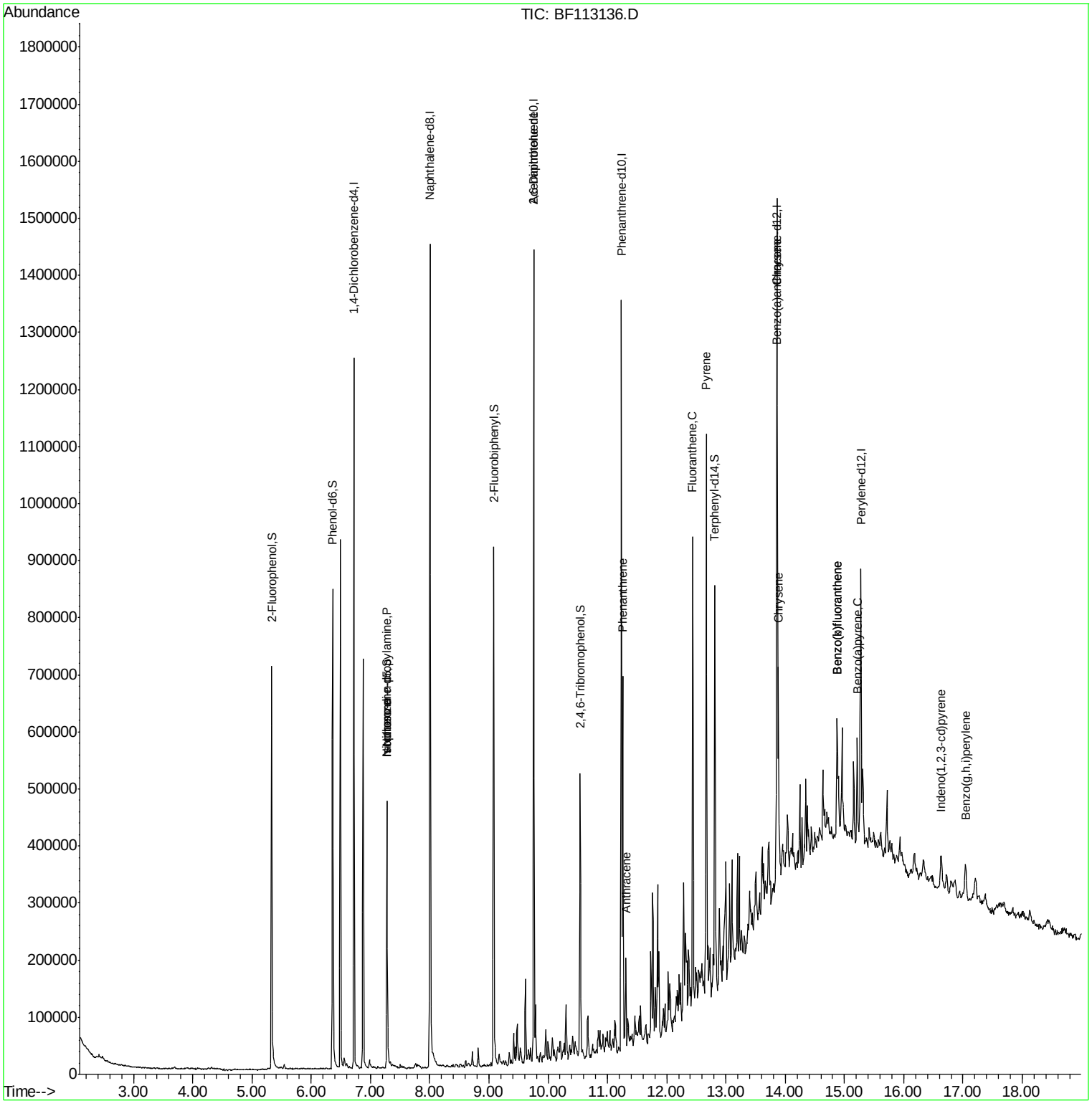
(#) = qualifier out of range (m) = manual integration (+) = signals summed

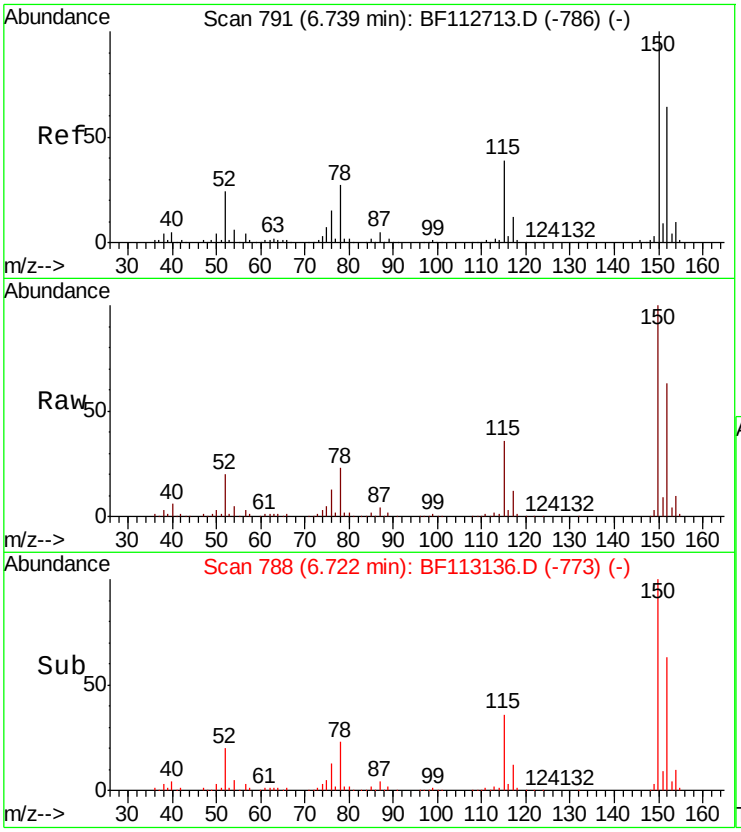
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113136.D
Acq On : 19 Mar 2019 20:11
Operator : JU/SJ
Sample : K1692-03 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-031819

Quant Time: Mar 20 01:48:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



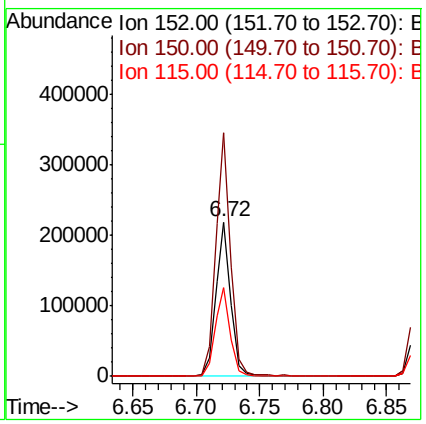


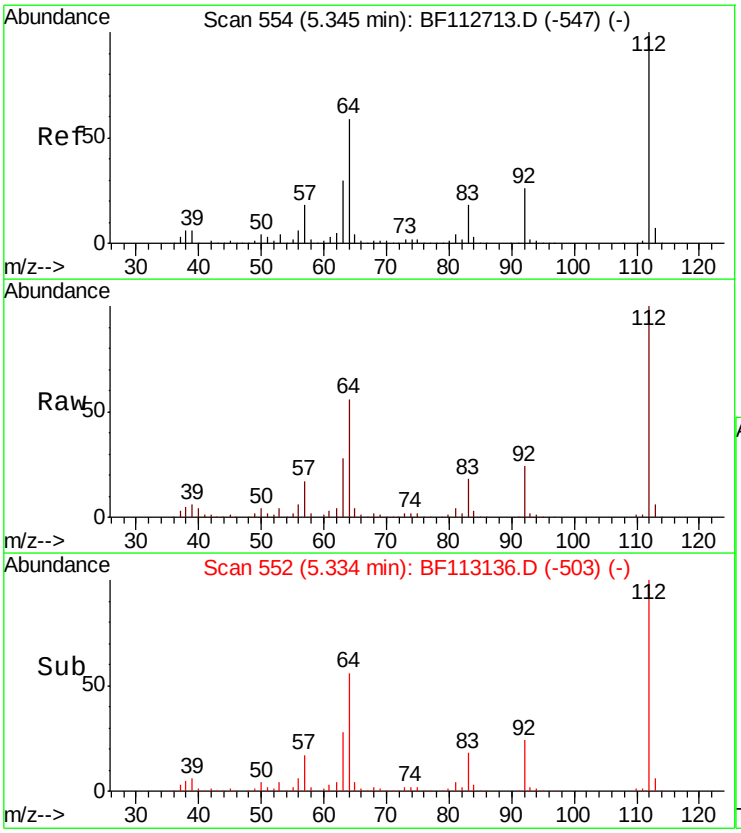
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Instrument :
BNA_F
ClientSampleId :
OK-02-031819

Tgt Ion:152 Resp: 180411

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.2	186.2
115	57.3	48.2	72.4

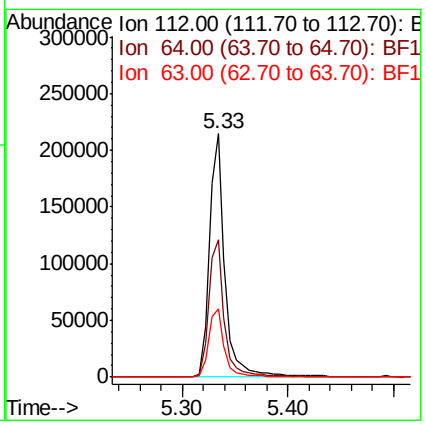


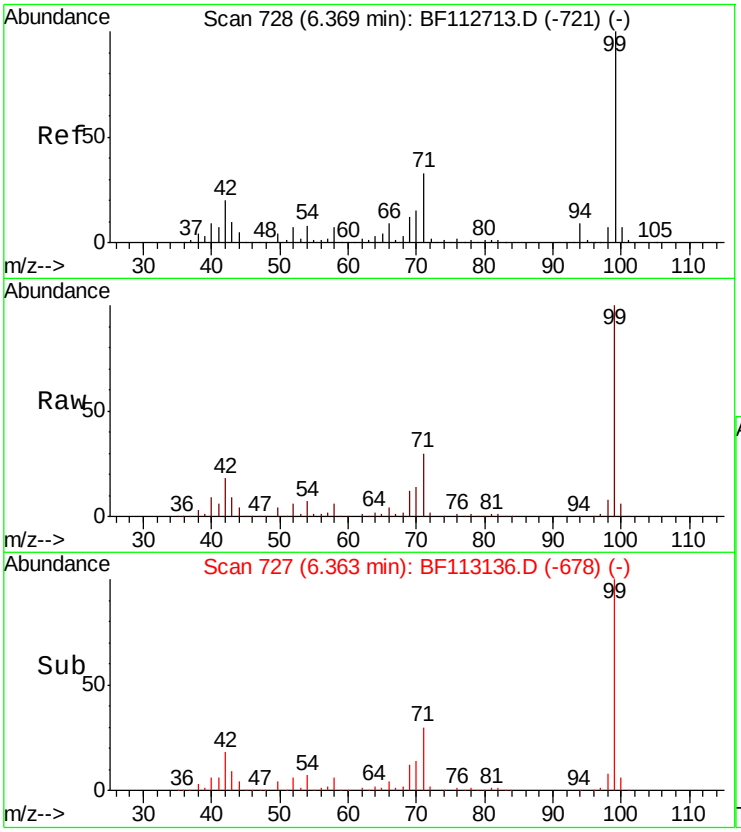


#5
2-Fluorophenol
Concen: 19.152 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Tgt Ion:112 Resp: 222128

Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.6	71.4
63	28.1	24.4	36.6



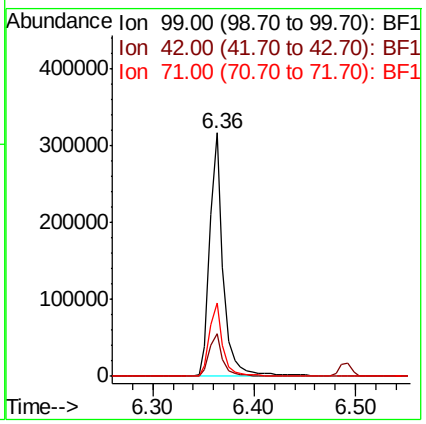


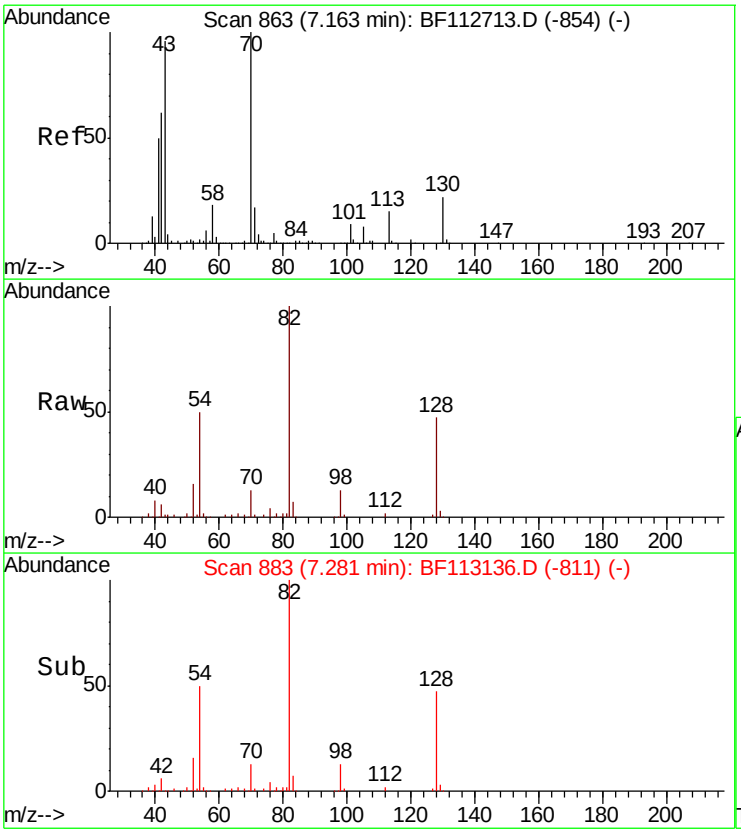
#7
Phenol-d6
Concen: 20.089 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Instrument :
BNA_F
ClientSampleId :
OK-02-031819

Tgt Ion: 99 Resp: 292669

Ion	Ratio	Lower	Upper
99	100		
42	17.5	16.3	24.5
71	30.1	26.2	39.4

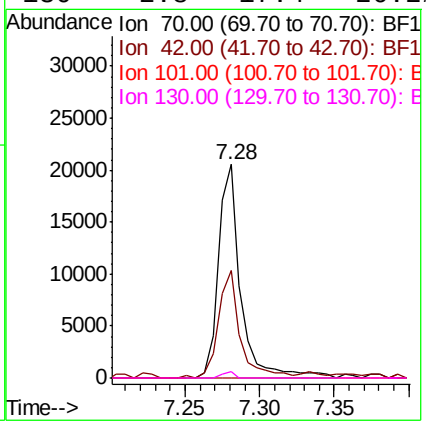


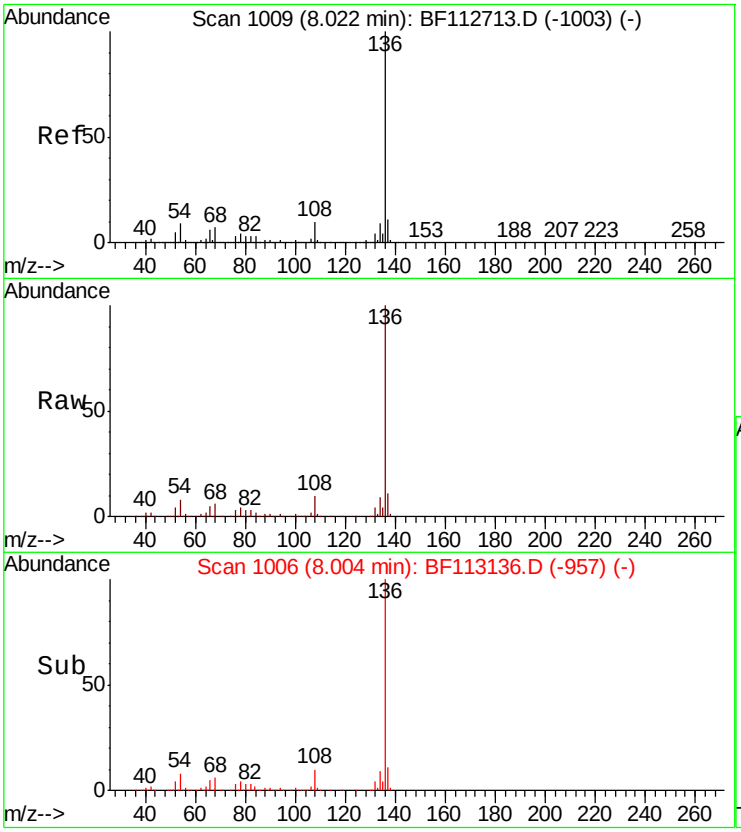


#19
n-Nitroso-di-n-propylamine
Concen: 2.335 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.12 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Tgt Ion: 70 Resp: 21541

Ion	Ratio	Lower	Upper
70	100		
42	50.2	49.9	74.9
101	0.0	7.4	11.2#
130	2.8	17.4	26.2#



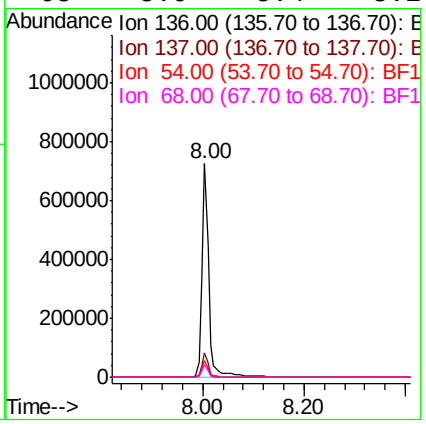


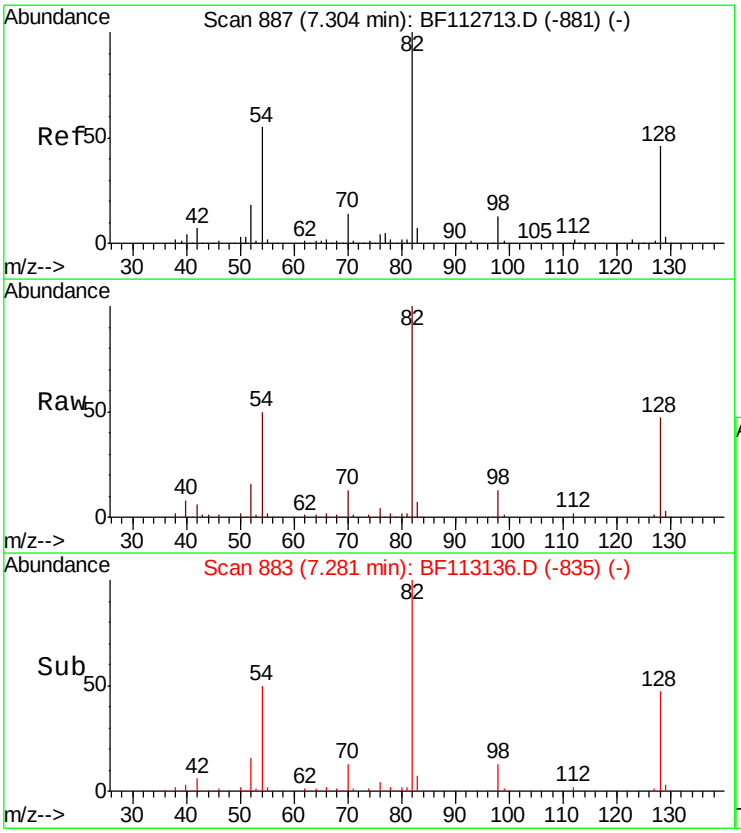
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Instrument :
BNA_F
ClientSampleId :
OK-02-031819

Tgt Ion:136 Resp: 668207

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.9	7.3	10.9
68	5.9	5.4	8.2

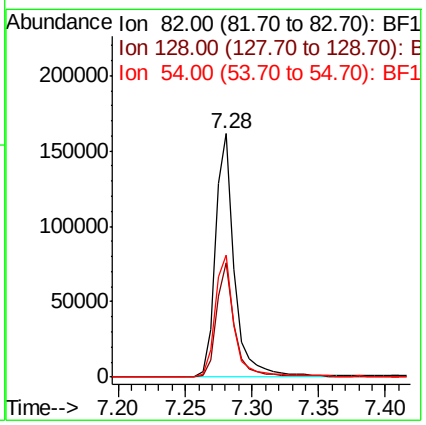


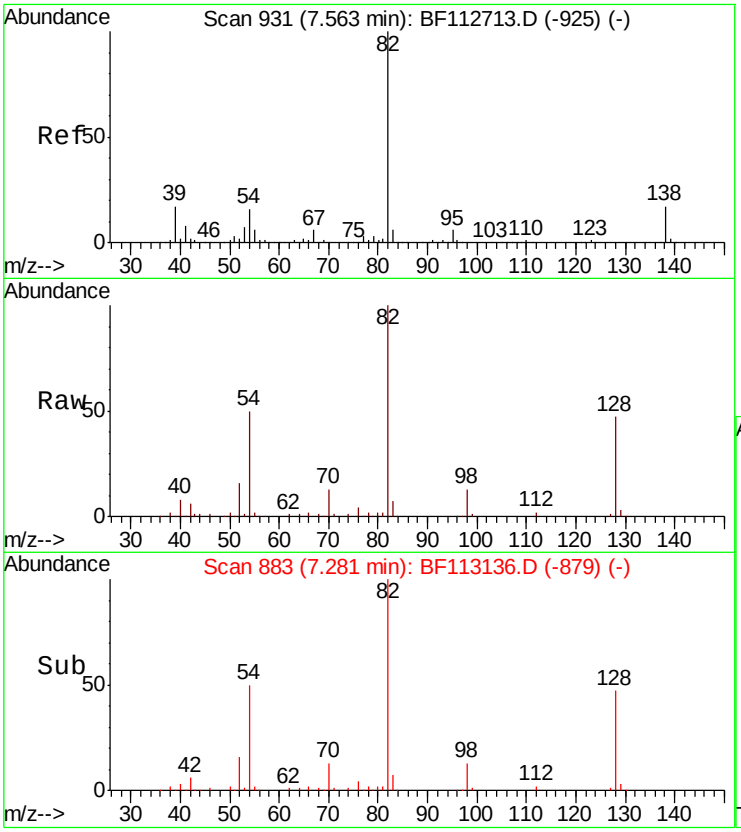


#23
Nitrobenzene-d5
Concen: 14.580 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Tgt Ion: 82 Resp: 162813

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.3	54.5
54	50.0	43.7	65.5



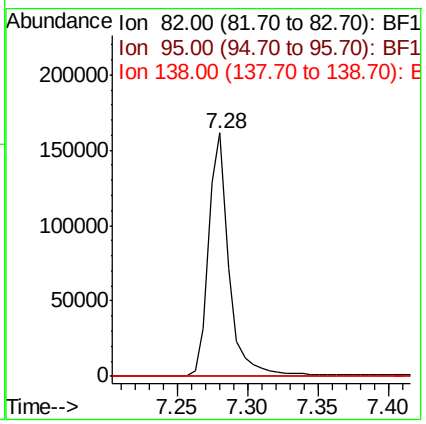


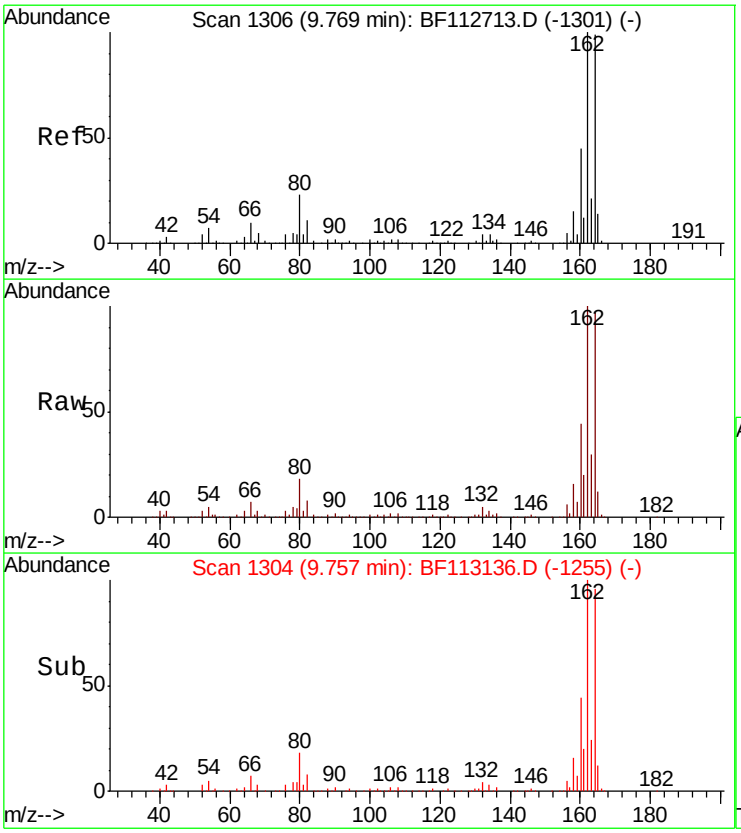
#25
Isophorone
Concen: 6.768 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.28 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Instrument :
BNA_F
ClientSampleId :
OK-02-031819

Tgt Ion: 82 Resp: 162810

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#

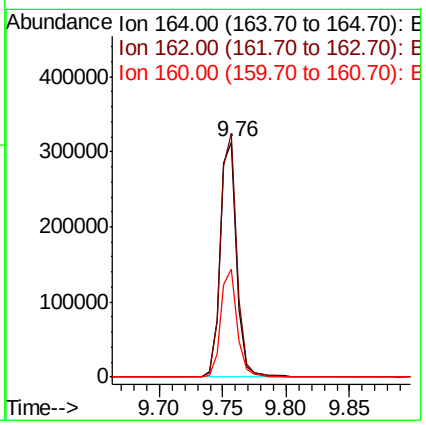


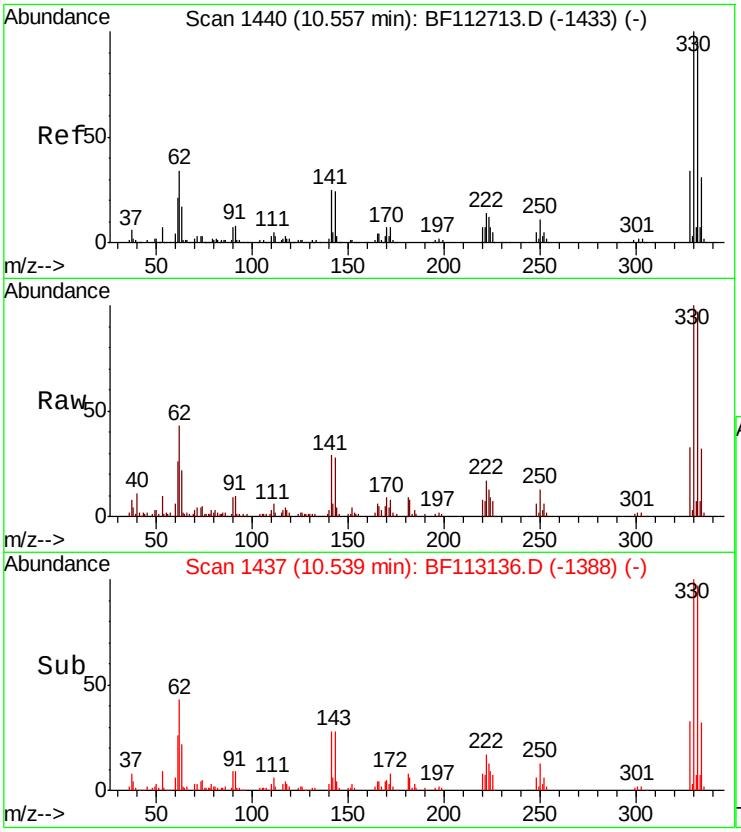


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Tgt Ion:164 Resp: 285003

Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.6	120.8
160	45.8	36.0	54.0



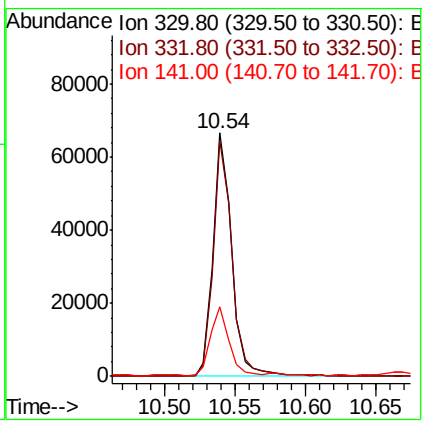


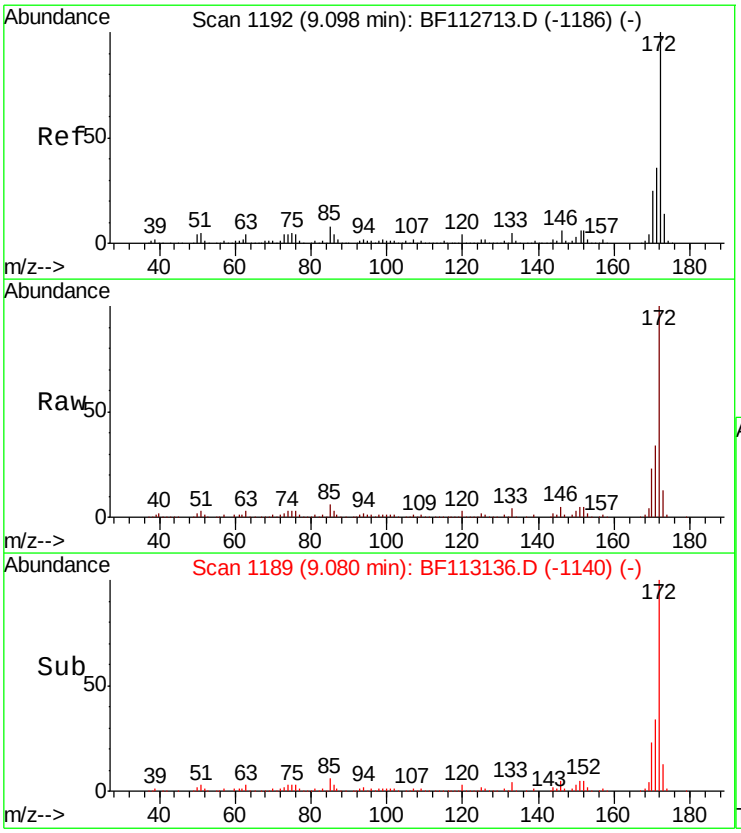
#42
2,4,6-Tribromophenol
Concen: 20.402 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Instrument :
BNA_F
ClientSampleId :
OK-02-031819

Tgt Ion:330 Resp: 61730

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	31.2	27.0	40.6

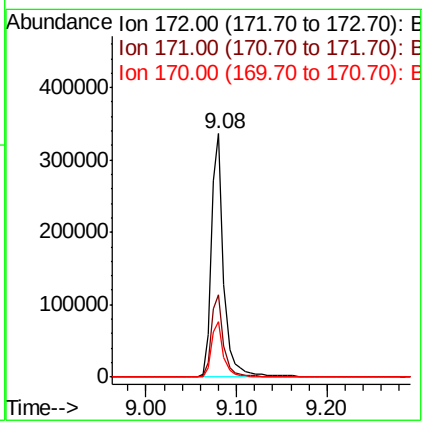


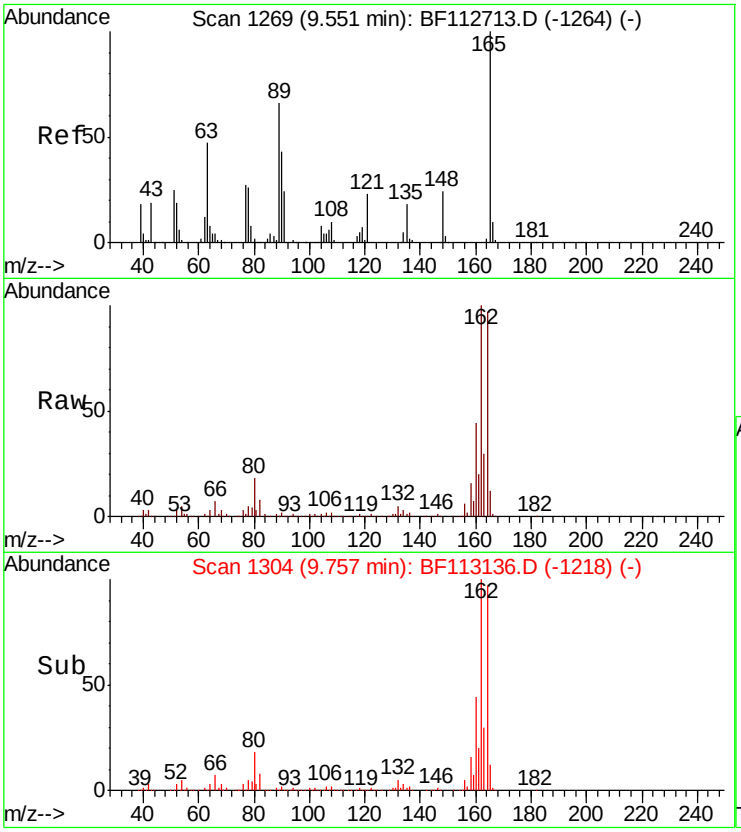


#45
2-Fluorobiphenyl
Concen: 14.171 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Tgt Ion:172 Resp: 319989

Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.0	43.4
170	22.9	20.0	30.0



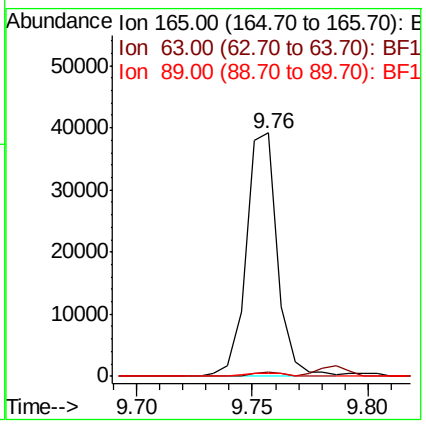


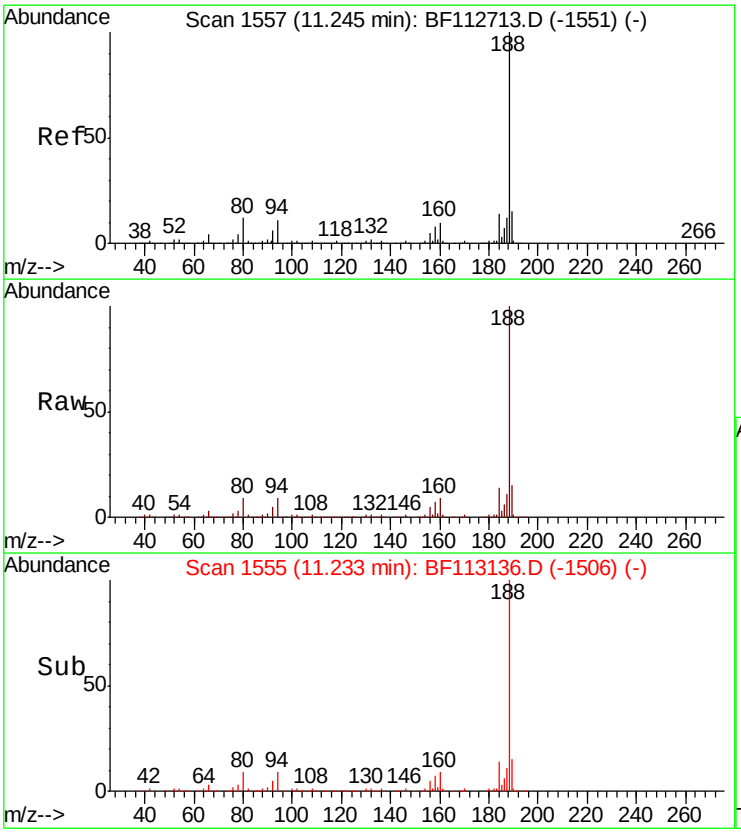
#51
2,6-Dinitrotoluene
Concen: 8.455 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Instrument :
BNA_F
ClientSampleId :
OK-02-031819

Tgt Ion:165 Resp: 37000

Ion	Ratio	Lower	Upper
165	100		
63	1.5	54.1	81.1#
89	1.3	52.8	79.2#

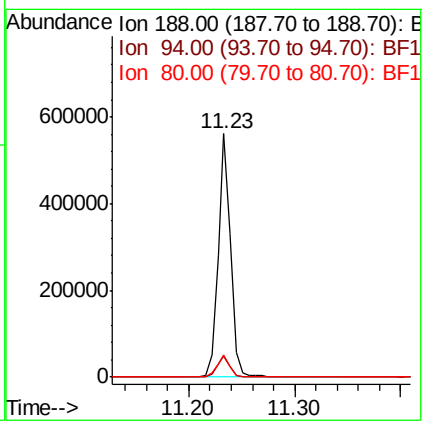


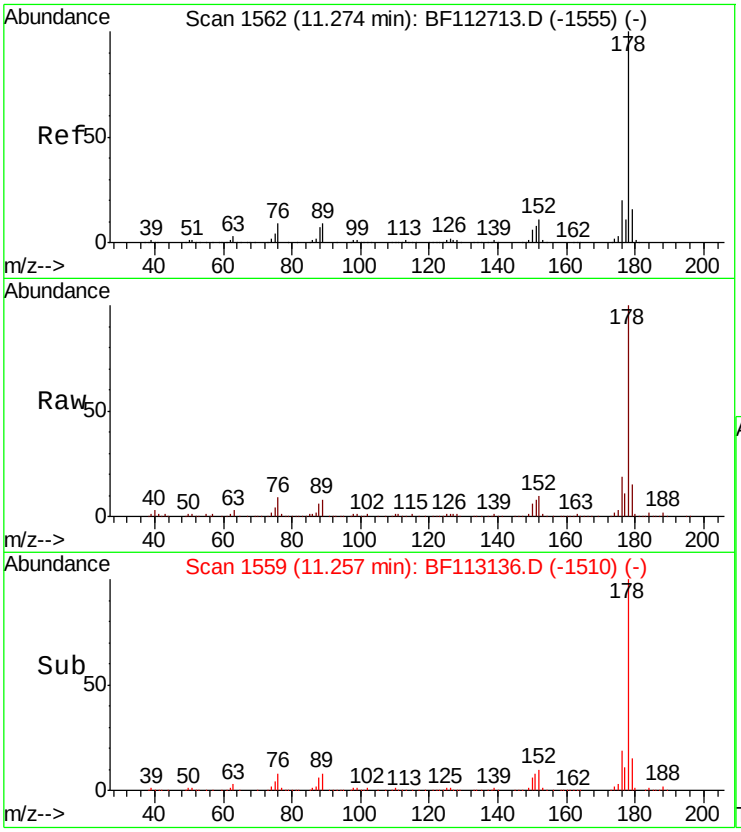


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Tgt Ion:188 Resp: 465133

Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.4#
80	9.2	9.2	13.8#



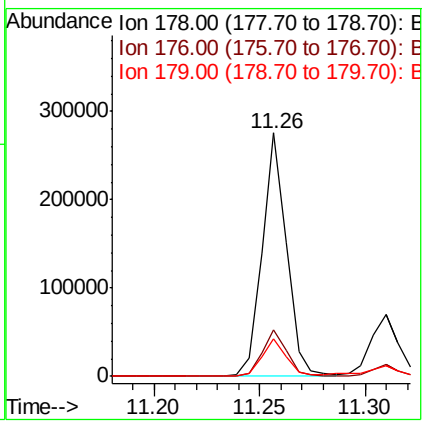


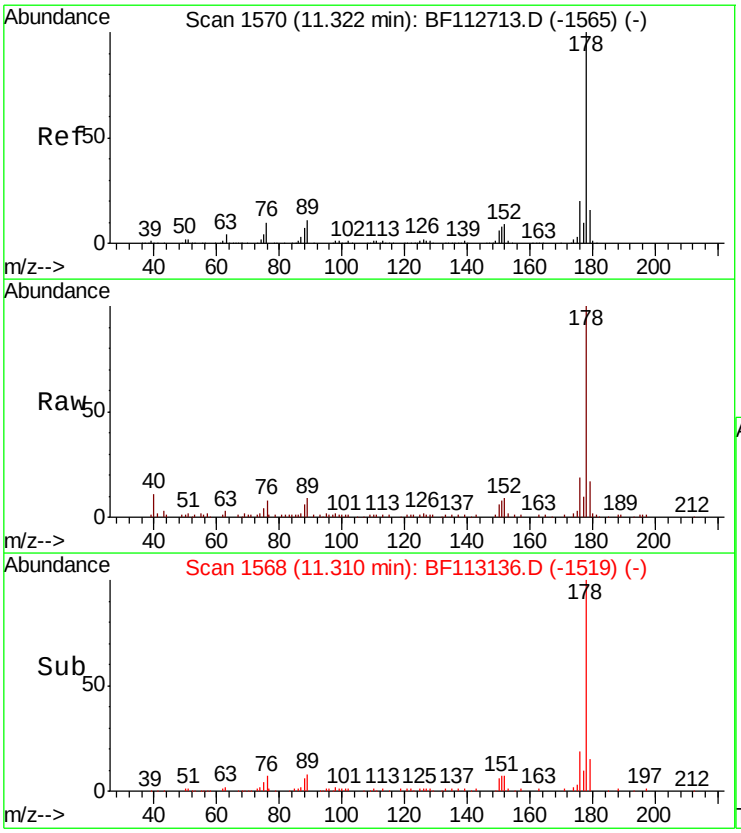
#71
Phenanthrene
Concen: 9.568 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Instrument :
BNA_F
ClientSampleId :
OK-02-031819

Tgt Ion:178 Resp: 221416

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.3	24.5
179	15.4	12.7	19.1

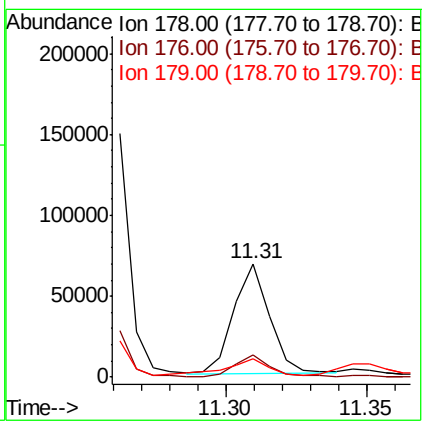


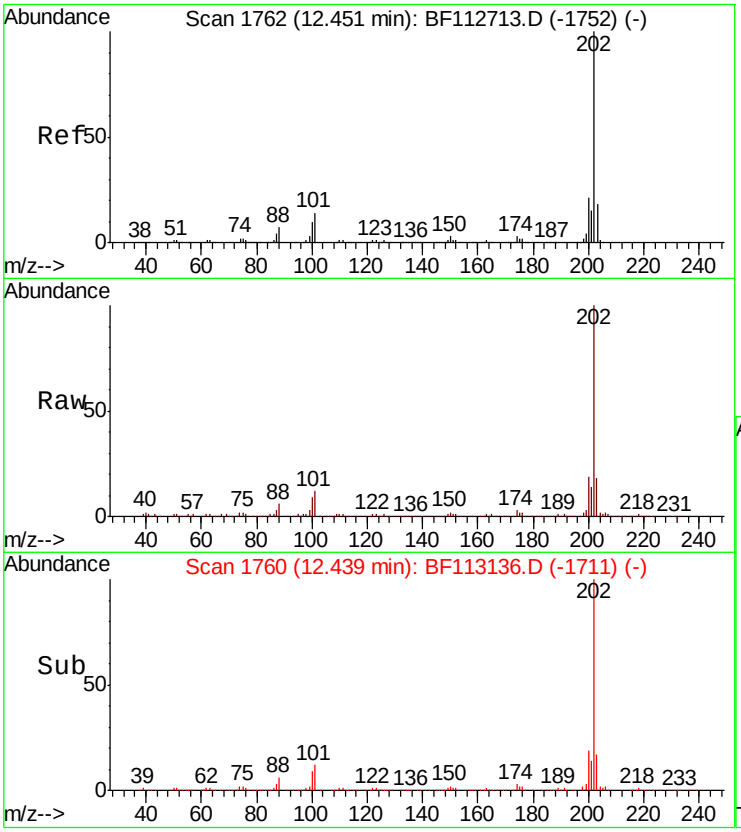


#72
Anthracene
Concen: 2.482 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Tgt Ion:178 Resp: 60123

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	16.5	13.0	19.6



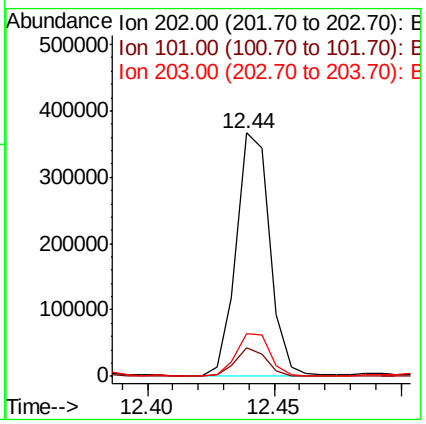


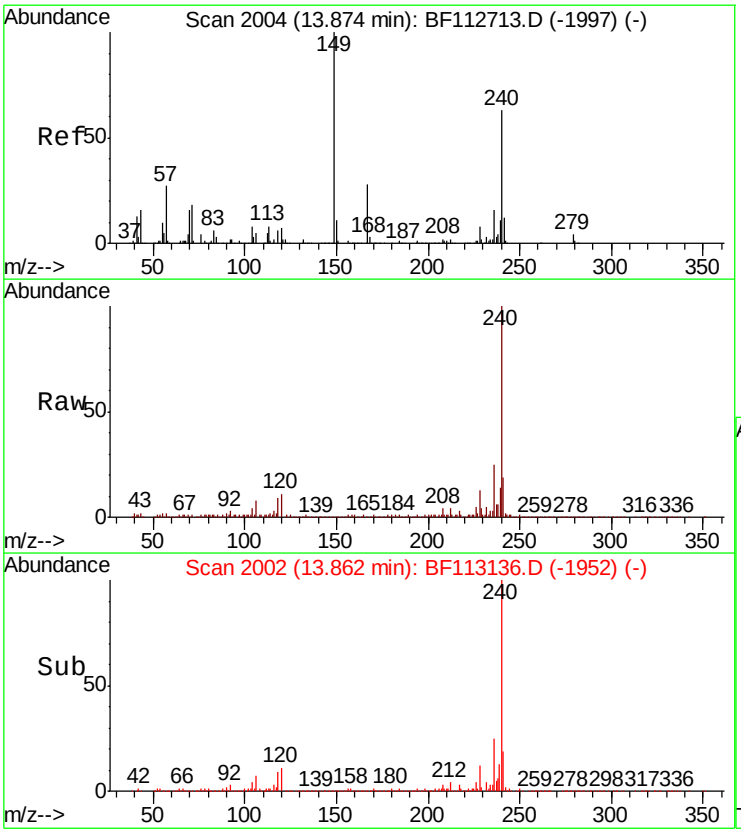
#75
Fluoranthene
Concen: 13.545 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Instrument :
BNA_F
ClientSampleId :
OK-02-031819

Tgt Ion:202 Resp: 335826

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.8
203	17.5	0.0	38.4

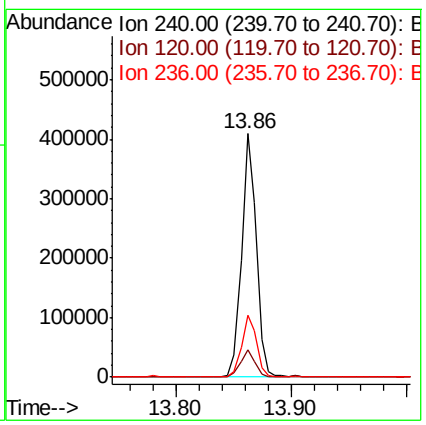


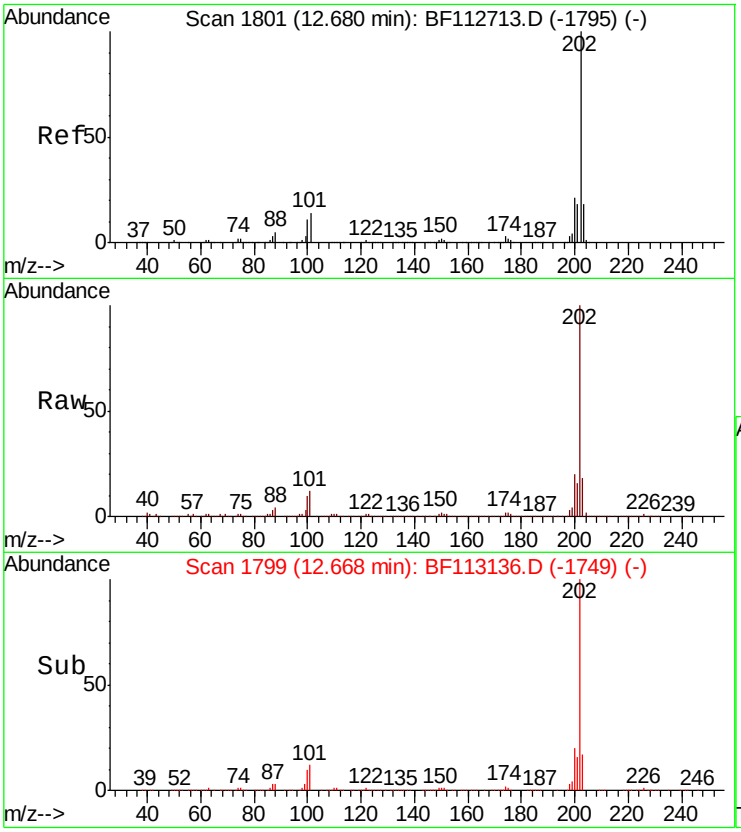


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Tgt Ion:240 Resp: 359600

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	25.3	20.7	31.1



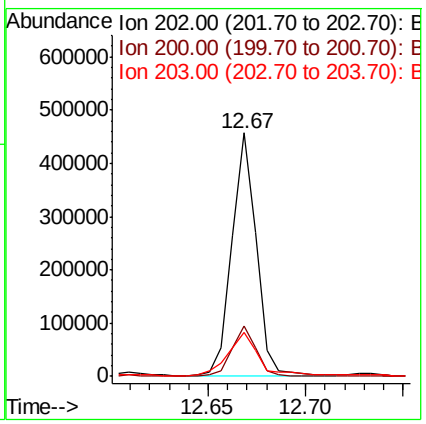


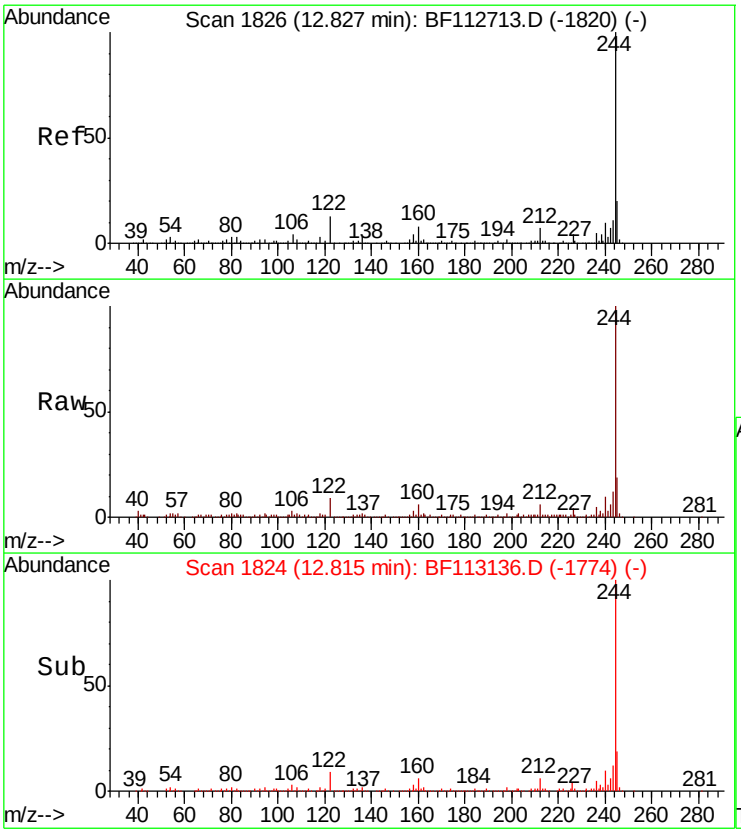
#78
Pyrene
Concen: 13.055 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Instrument :
BNA_F
ClientSampleId :
OK-02-031819

Tgt Ion:202 Resp: 395769

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.4
203	18.1	14.4	21.6

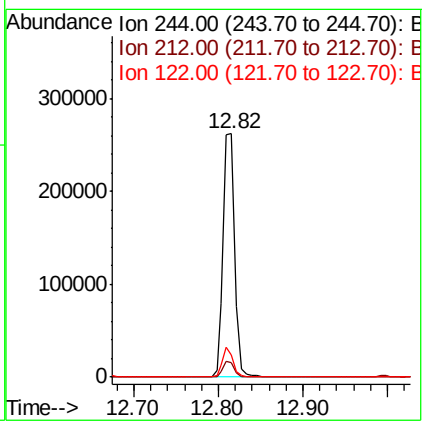


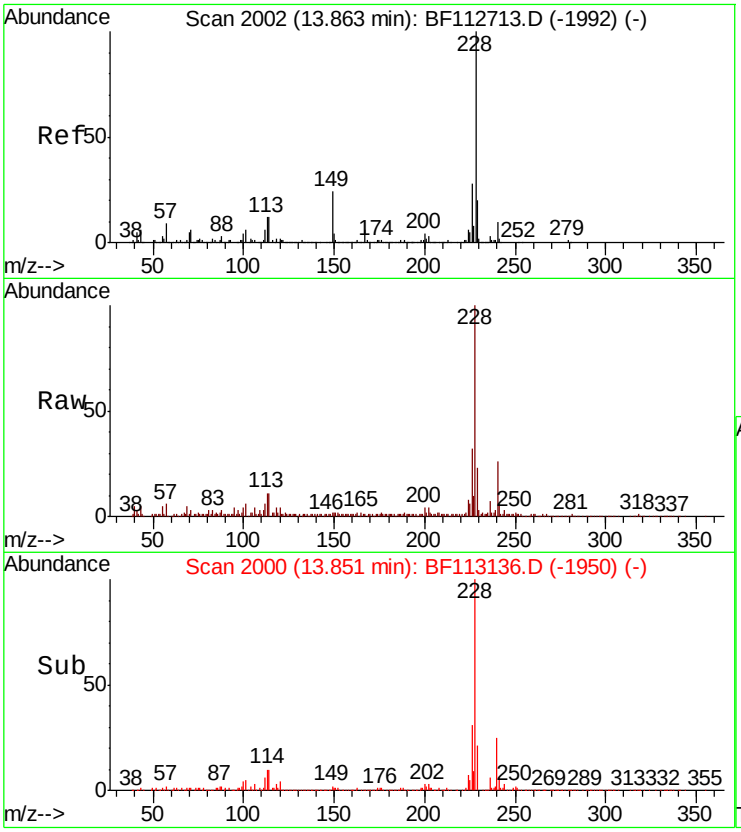


#79
Terphenyl-d14
Concen: 13.481 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Tgt Ion:244 Resp: 250077

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.6	8.4
122	8.9	10.5	15.7#



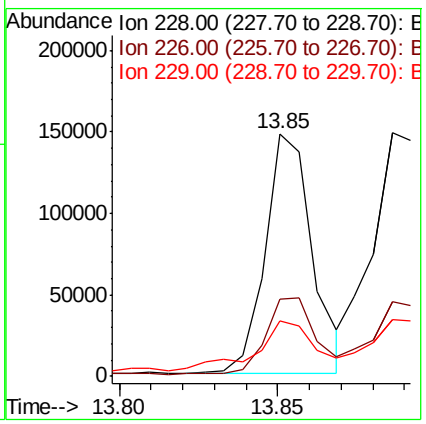


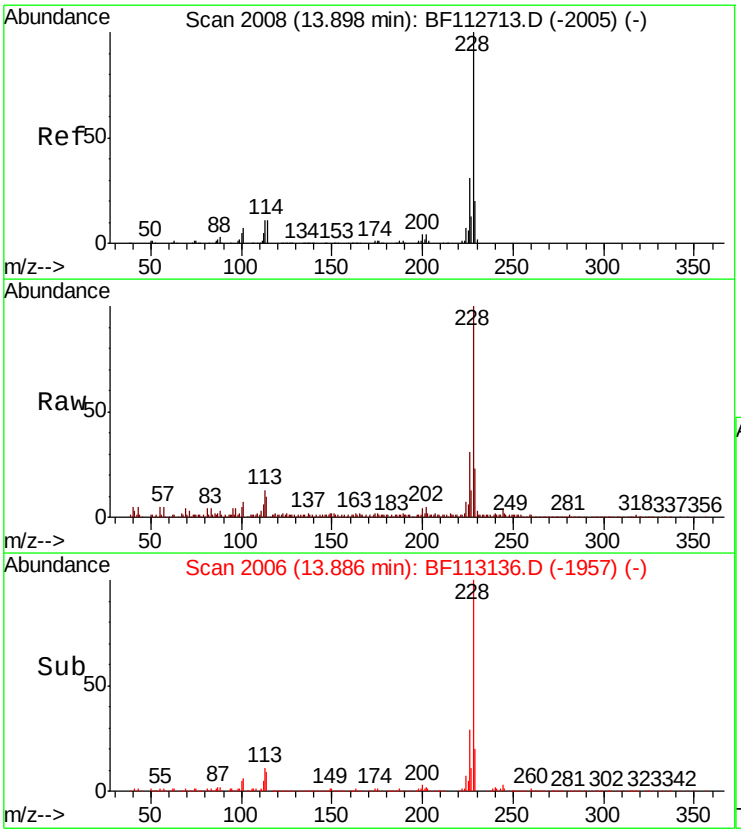
#81
Benzo(a)anthracene
Concen: 6.151 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Instrument :
BNA_F
ClientSampleId :
OK-02-031819

Tgt Ion:228 Resp: 153311

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.2	33.4
229	23.0	16.0	24.0

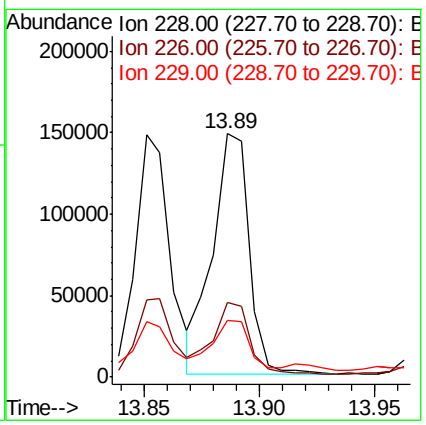


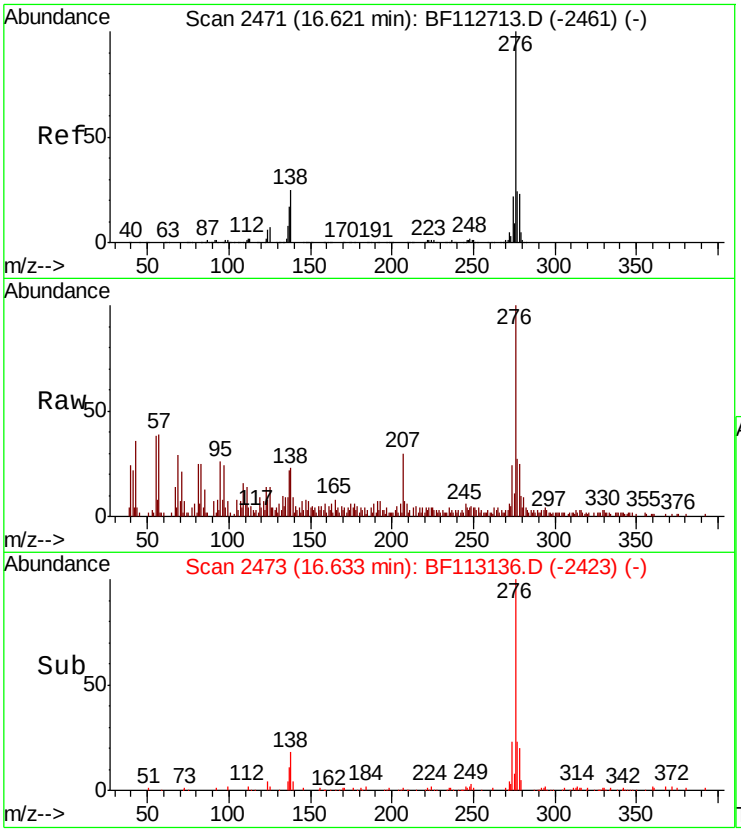


#83
Chrysene
Concen: 6.691 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Tgt Ion:228 Resp: 163335

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	23.5	16.3	24.5



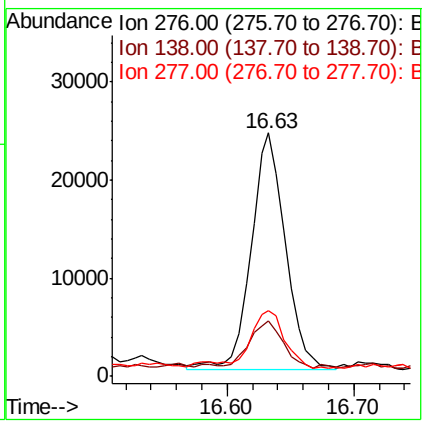


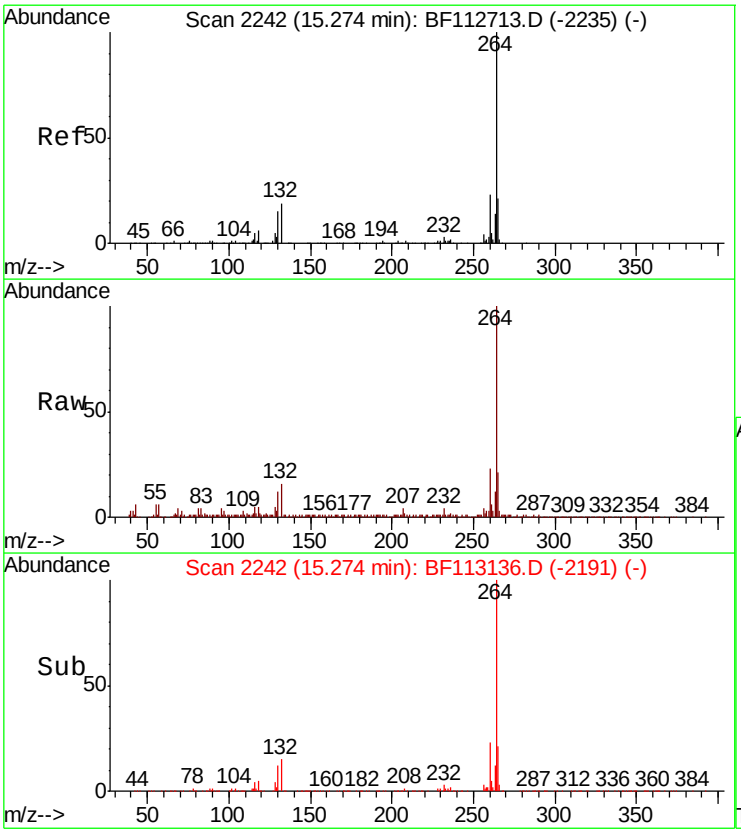
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.168 ng
RT: 16.63 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Instrument :
BNA_F
ClientSampleId :
OK-02-031819

Tgt Ion:276 Resp: 45121

Ion	Ratio	Lower	Upper
276	100		
138	19.2	23.2	34.8#
277	23.5	19.9	29.9

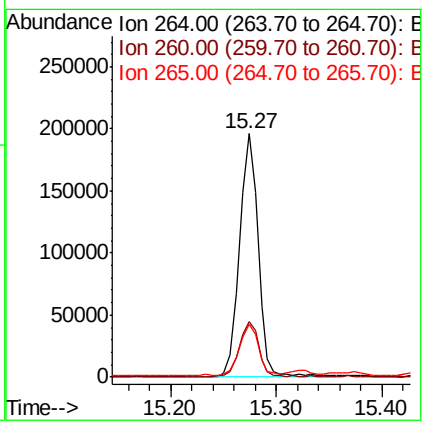


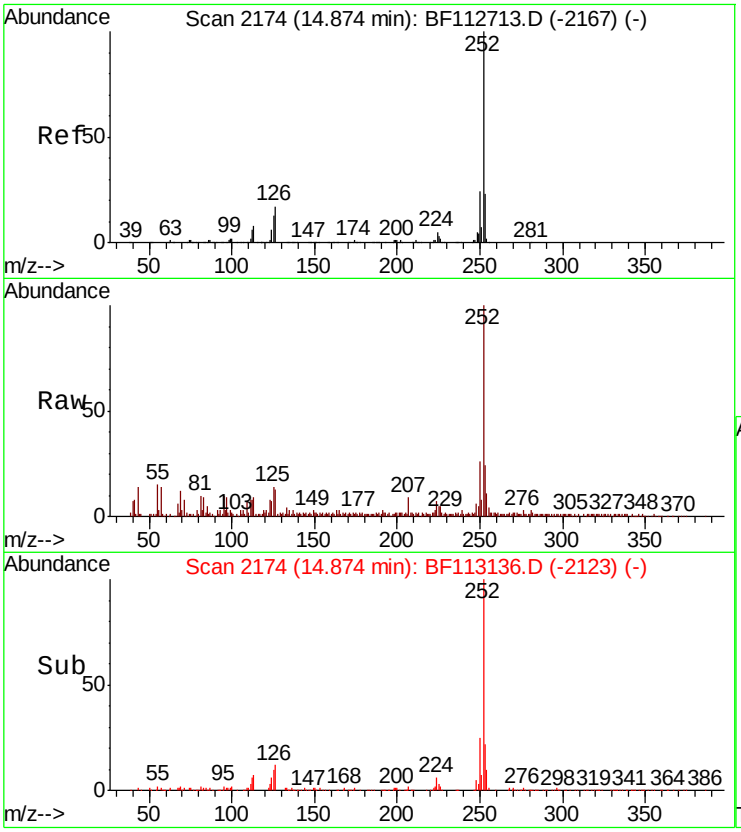


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Tgt Ion:264 Resp: 234749

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.5	17.2	25.8



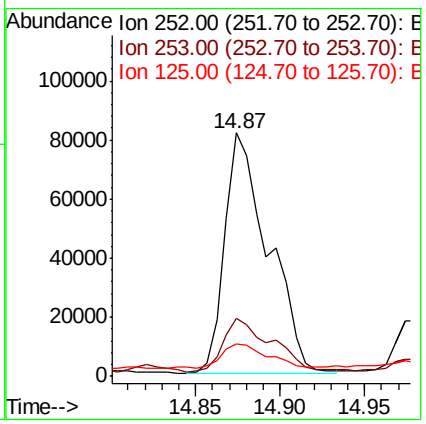


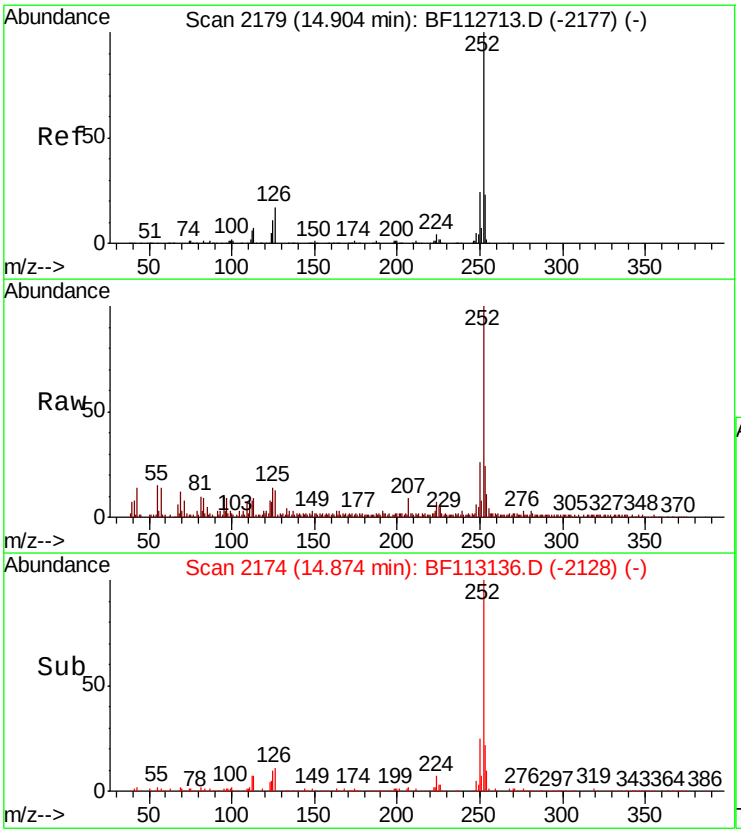
#88
Benzo(b)fluoranthene
Concen: 9.609 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Instrument :
BNA_F
ClientSampleId :
OK-02-031819

Tgt Ion:252 Resp: 145907

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	13.6	10.2	15.2

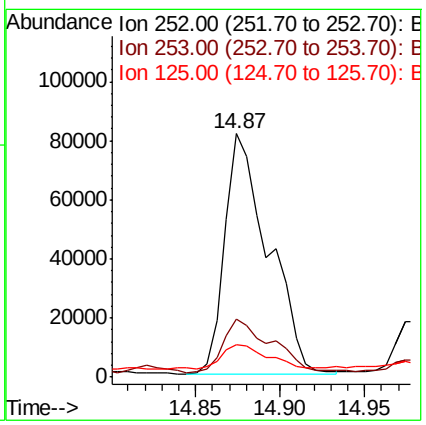


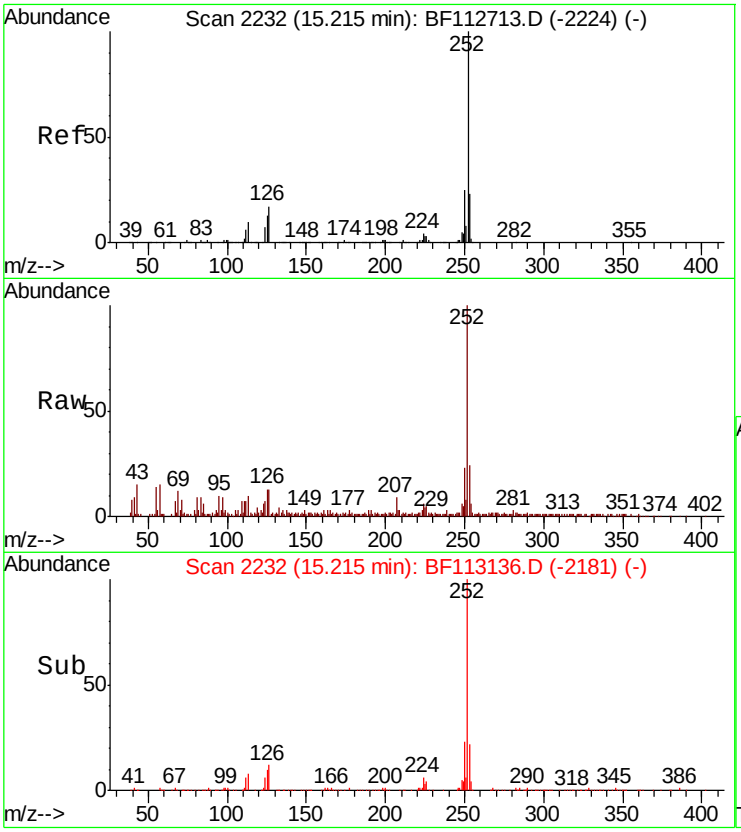


#89
Benzo(k)fluoranthene
Concen: 10.608 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Tgt Ion:252 Resp: 145907

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	13.6	9.8	14.6



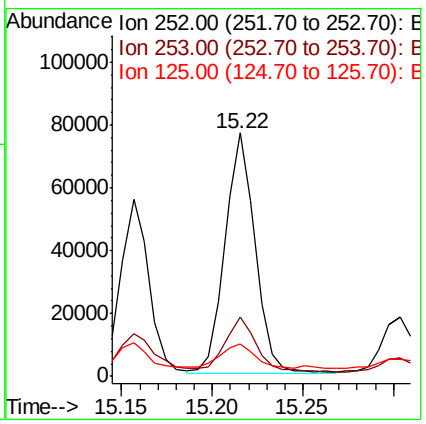


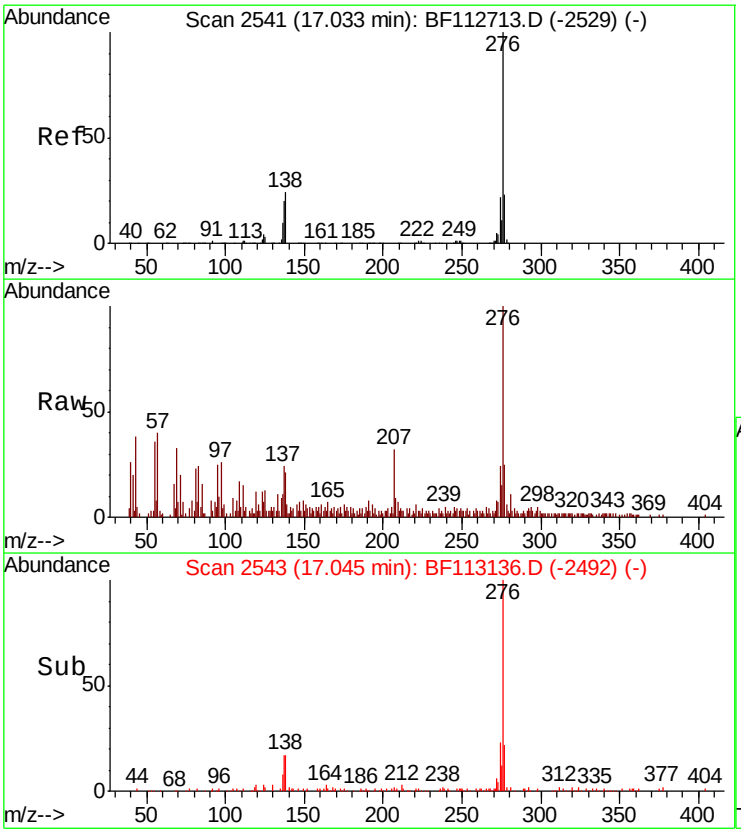
#90
Benzo(a)pyrene
Concen: 6.581 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Instrument :
BNA_F
ClientSampleId :
OK-02-031819

Tgt Ion:252 Resp: 88392

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	13.4	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 4.044 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BF113136.D
Acq: 19 Mar 2019 20:11

Tgt Ion:276 Resp: 46537

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	27.8
138	20.9	19.4	29.0