Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
Data File : BF113339.D
Acq On : 27 Mar 2019 19:10
Operator : JU/SJ
Sample : K2097-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-22

Quant Time: Mar 28 01:09:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	168896	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	619244	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	284841	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	506659	20.00	ng		0.00
76) Chrysene-d12	13.83	240	386590	20.00	ng		-0.01
87) Perylene-d12	15.24	264	428385	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	906872	87.80	ng		0.00
7) Phenol-d6	6.35	99	1197522	91.64	ng		0.00
23) Nitrobenzene-d5	7.26	82	776461	74.42	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	273796	77.82	ng		-0.01
45) 2-Fluorobiphenyl	9.06	172	1284293	66.92	ng		0.00
79) Terphenyl-d14	12.79	244	986003	56.22	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.36	94	107855	7.230	ng	#	64
19) n-Nitroso-di-n-propylamine	7.26	70	100377	12.229	ng	#	77
20) 3+4-Methylphenols	7.15	107	637	Below Cal		#	17
25) Isophorone	7.26	82	769585	38.063	ng	#	64
50) Dimethylphthalate	9.45	163	120917	5.728	ng		99
57) 2,4-Dinitrotoluene	9.73	165	36973	6.105	ng	#	24
67) 4-Bromophenyl-phenylether	10.52	248	15598	2.825	ng	#	1
75) Fluoranthene	12.42	202	183017	6.434	ng		99
78) Pyrene	12.64	202	170029	6.347	ng		98
81) Benzo(a)anthracene	13.82	228	76828	3.472	ng		95
83) Chrysene	13.86	228	175664	7.815	ng		98
86) Indeno(1,2,3-cd)pyrene	16.58	276	86459	4.482	ng		97
88) Benzo(b)fluoranthene	14.84	252	367764	13.820	ng		97
89) Benzo(k)fluoranthene	14.84	252	367764	15.737	ng	#	97
90) Benzo(a)pyrene	15.17	252	82481	3.496	ng	#	97
92) Benzo(g,h,i)perylene	16.99	276	78792	3.831	ng		99

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

Quantitation Report (Not Reviewed)

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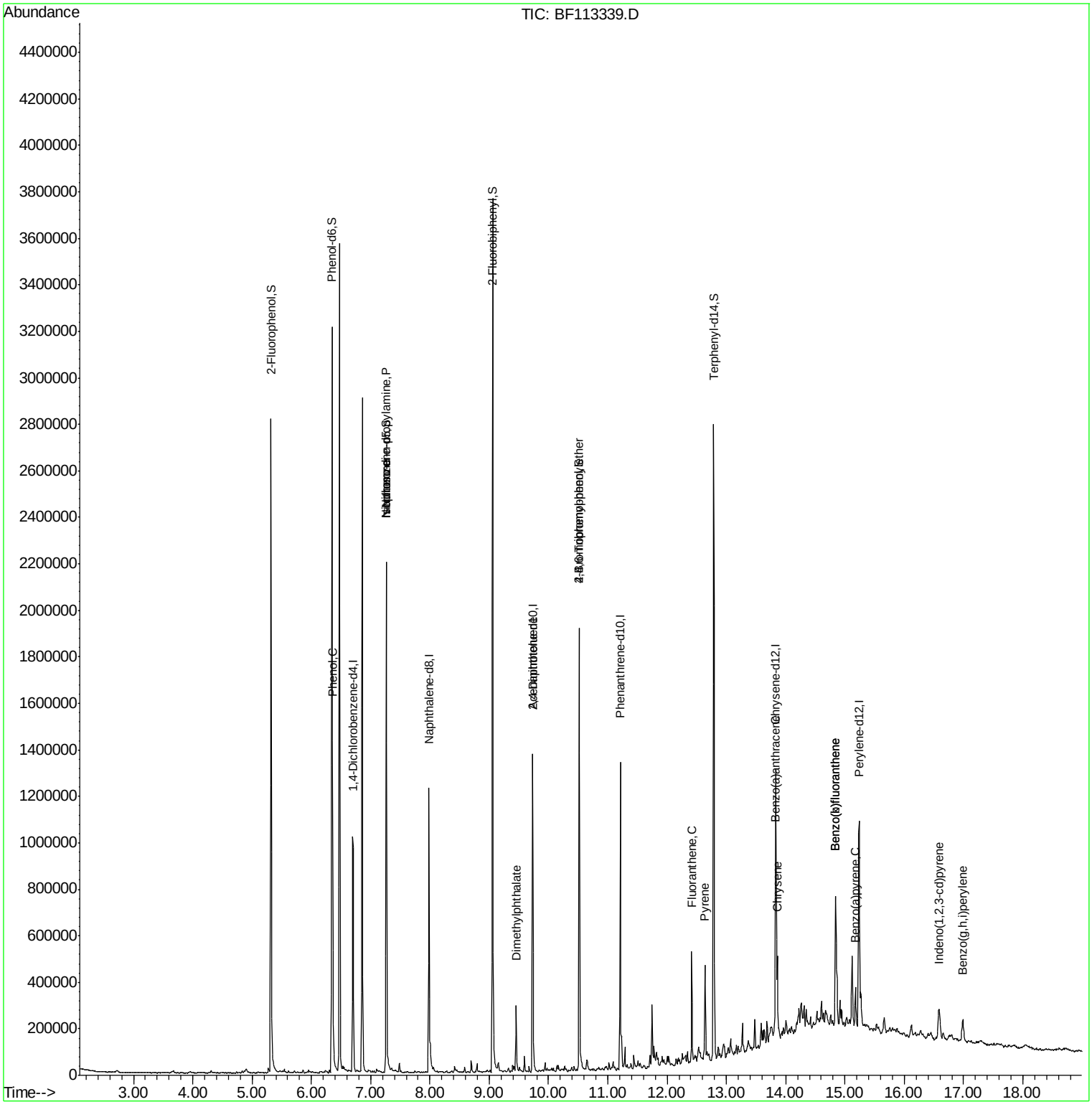
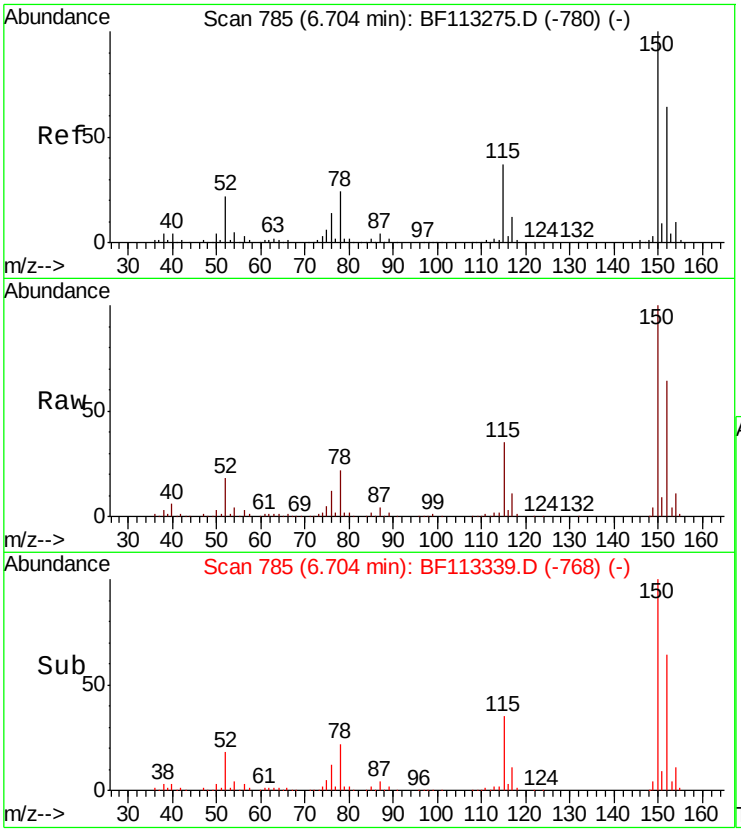


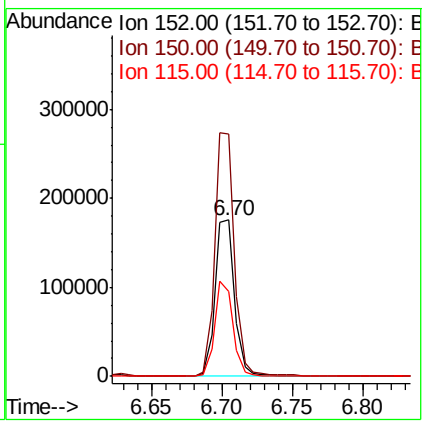


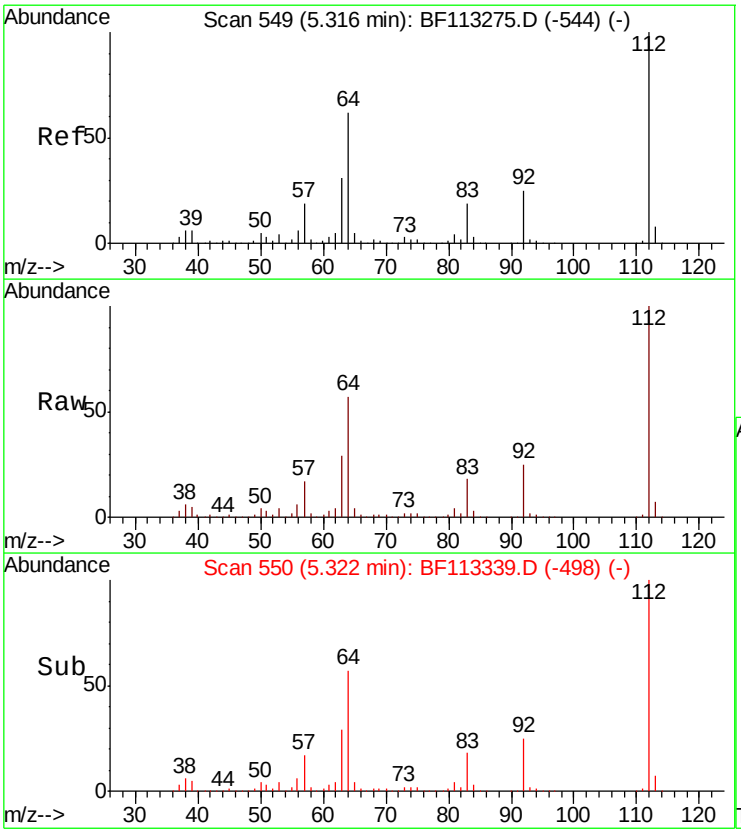
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
CS-22

Tgt Ion:152 Resp: 168896

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.7	187.1
115	54.1	46.0	69.0

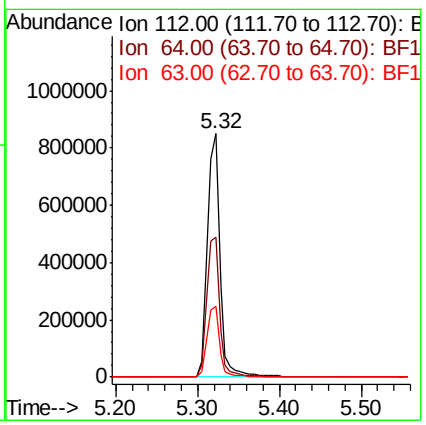


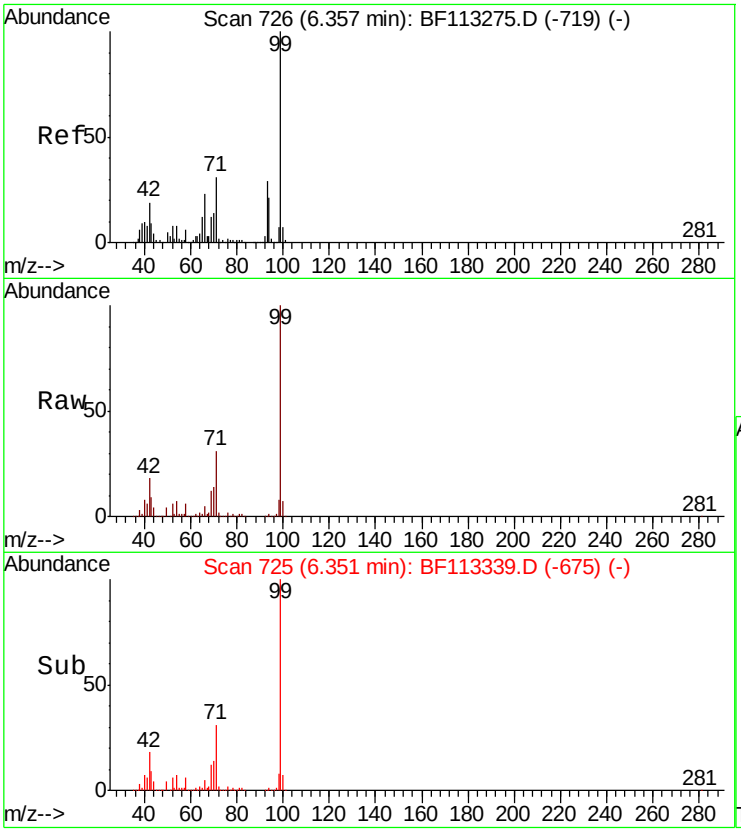


#5
2-Fluorophenol
Concen: 87.796 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Tgt Ion:112 Resp: 906872

Ion	Ratio	Lower	Upper
112	100		
64	57.3	49.2	73.8
63	28.9	24.9	37.3



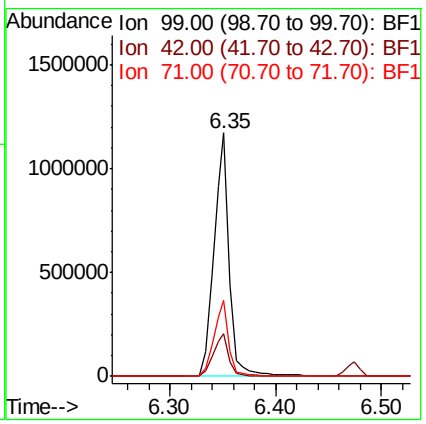


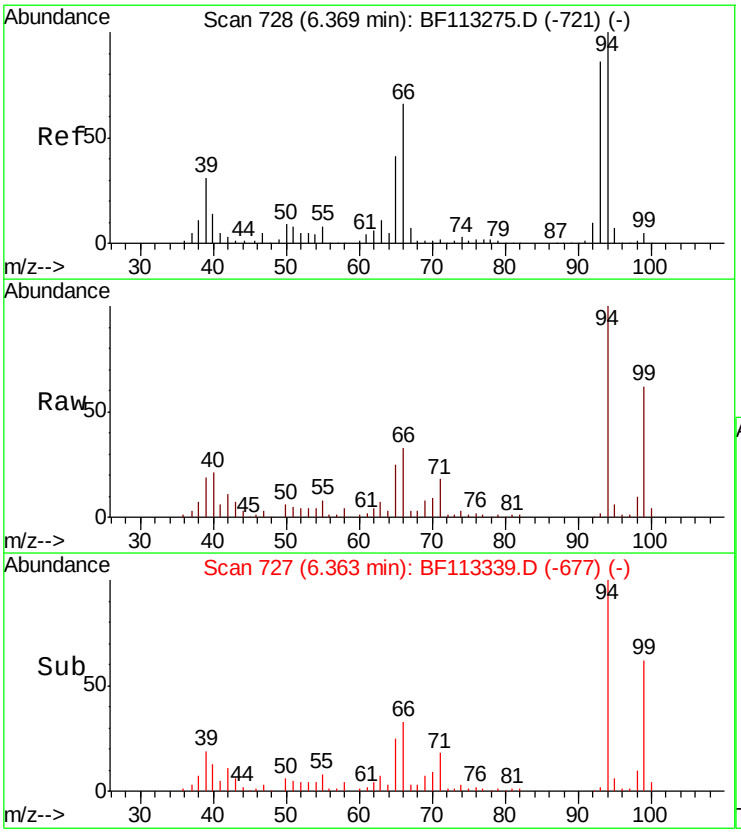
#7
Phenol-d6
Concen: 91.644 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
CS-22

Tgt Ion: 99 Resp: 1197522

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.8	22.2
71	31.0	24.9	37.3

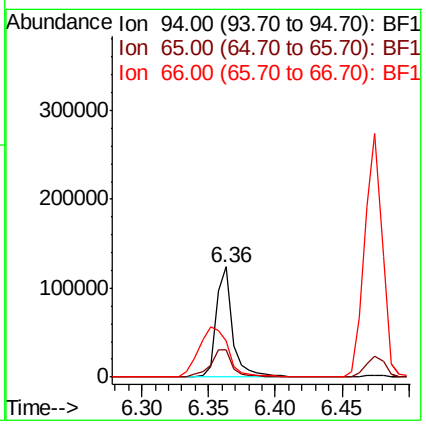


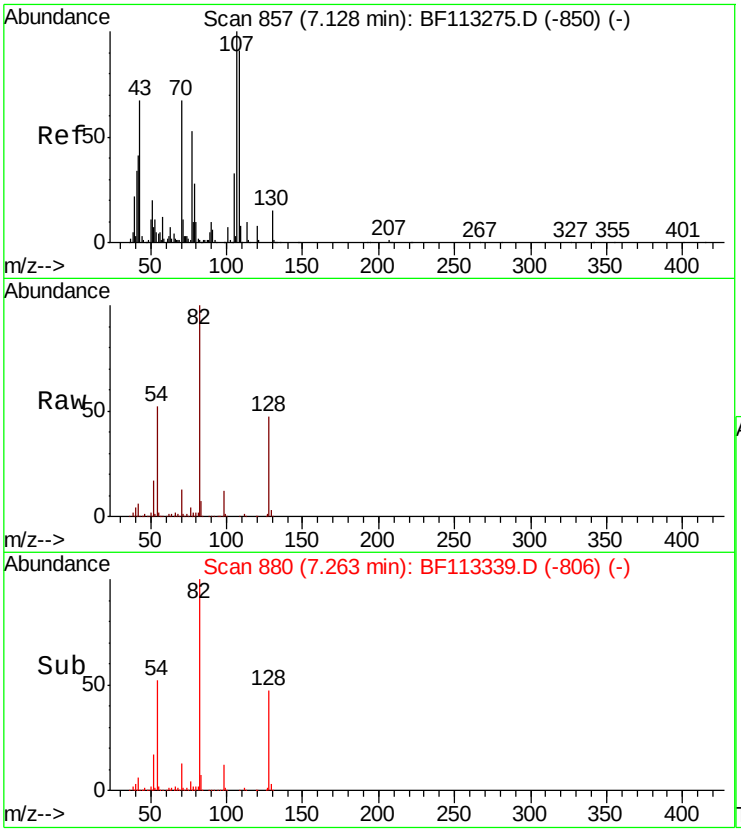


#10
Phenol
Concen: 7.230 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Tgt Ion: 94 Resp: 107855

Ion	Ratio	Lower	Upper
94	100		
65	24.9	21.4	61.4
66	32.9	46.4	86.4#



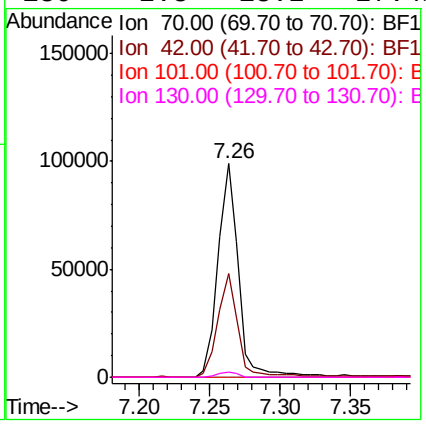


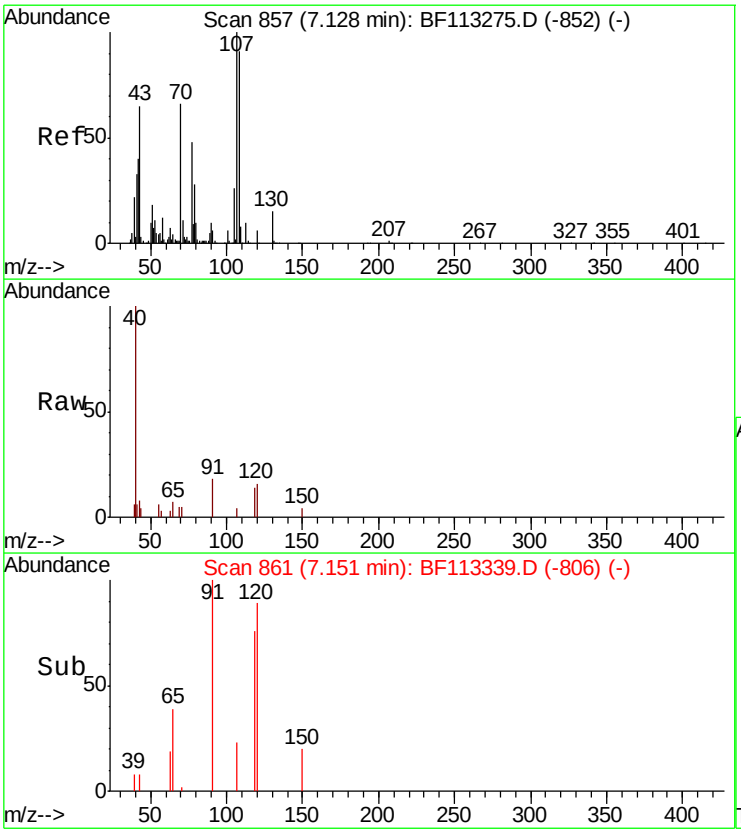
#19
n-Nitroso-di-n-propylamine
Concen: 12.229 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
CS-22

Tgt Ion: 70 Resp: 100377

Ion	Ratio	Lower	Upper
70	100		
42	48.5	48.4	72.6
101	0.0	7.8	11.8#
130	2.3	18.2	27.4#

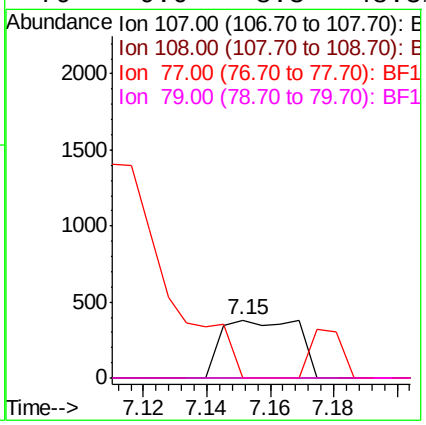


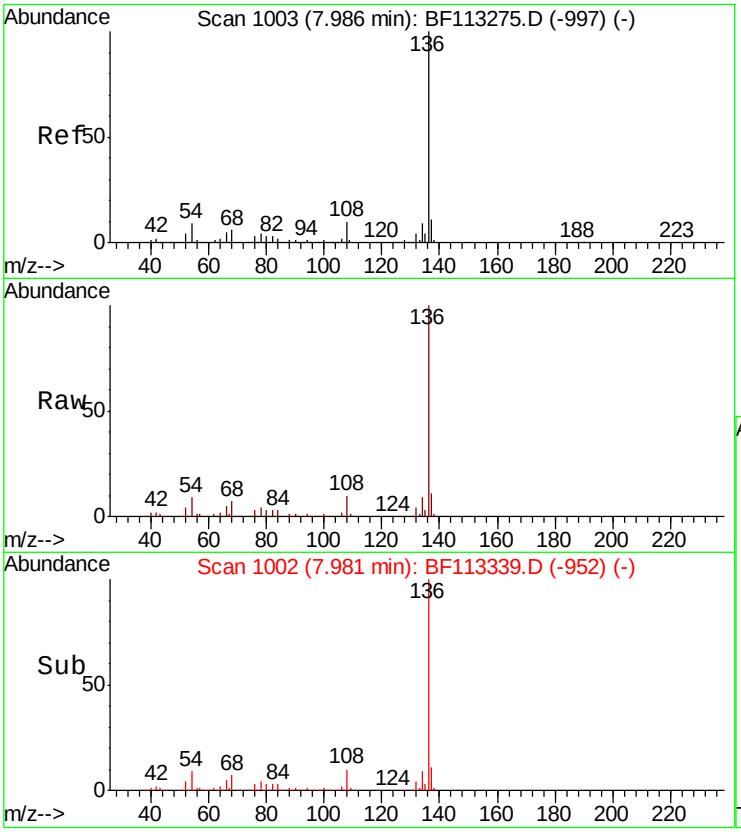


#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.15 min Scan# 861
Delta R.T. 0.02 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Tgt Ion:107 Resp: 637

Ion	Ratio	Lower	Upper
107	100		
108	0.0	71.4	111.4#
77	0.0	33.5	73.5#
79	0.0	8.3	48.3#



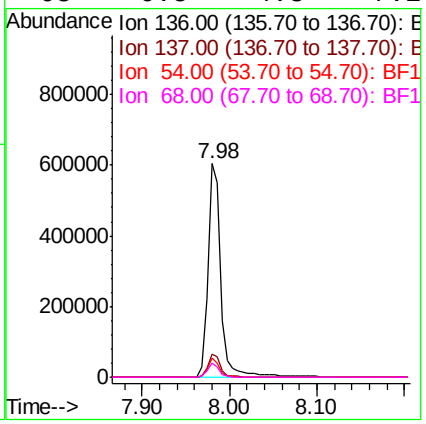


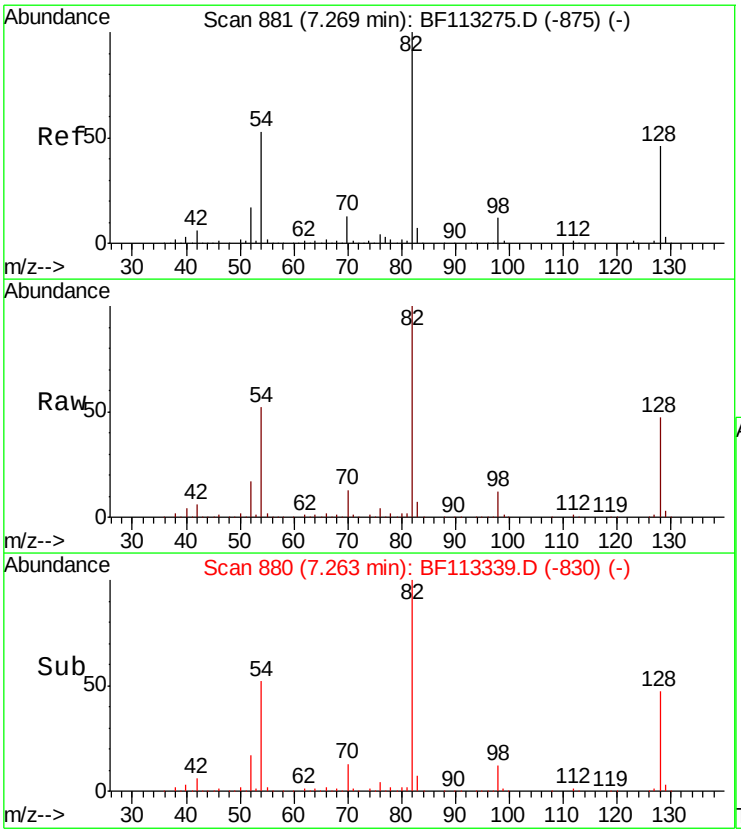
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
CS-22

Tgt Ion:136 Resp: 619244

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.7	7.0	10.6
68	6.5	4.8	7.2

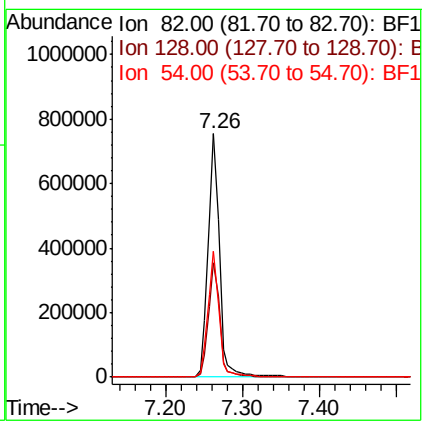


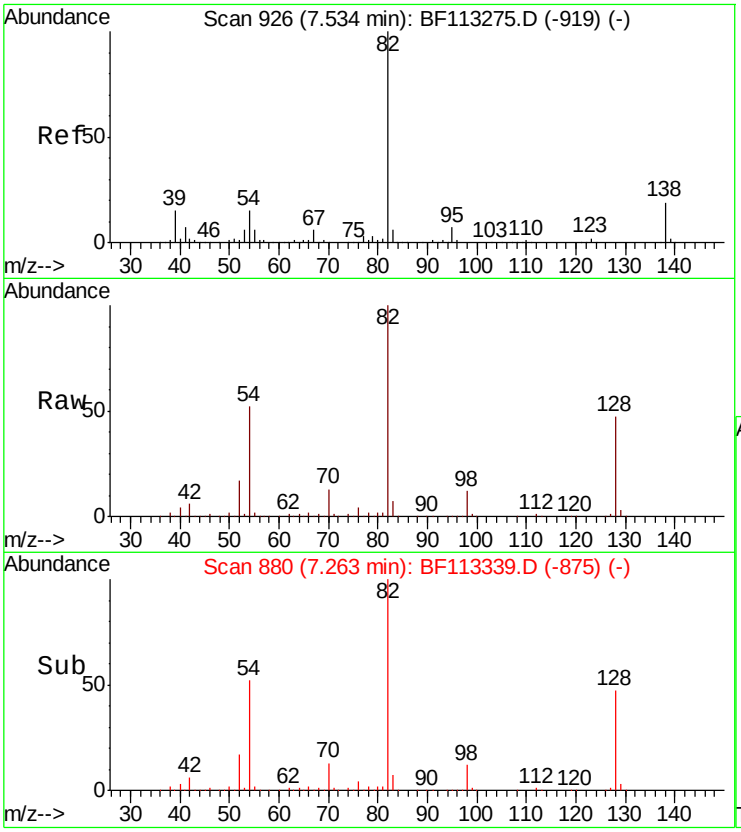


#23
Nitrobenzene-d5
Concen: 74.423 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Tgt Ion: 82 Resp: 776461

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.5	54.7
54	51.6	42.2	63.2



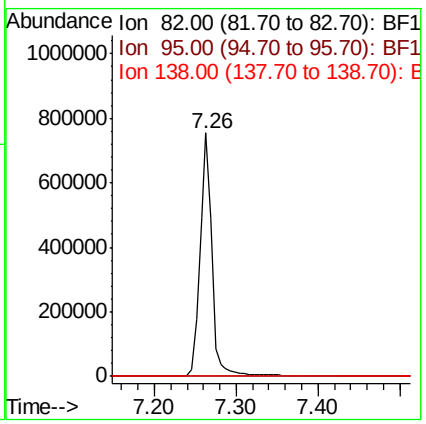


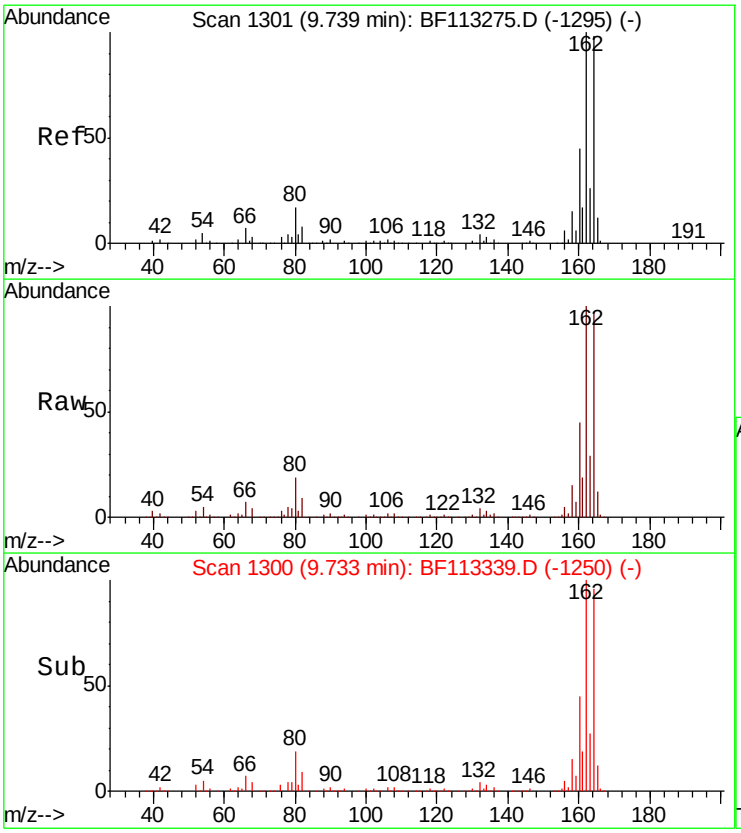
#25
Isophorone
Concen: 38.063 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
CS-22

Tgt Ion: 82 Resp: 769585

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	15.2	22.8#

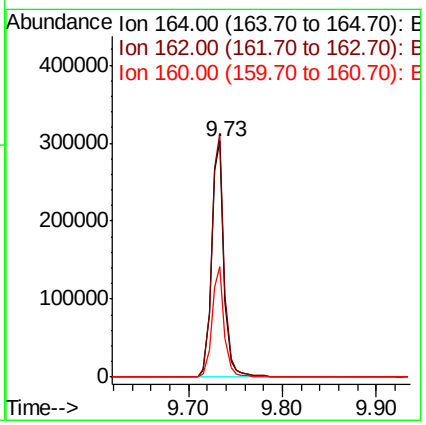


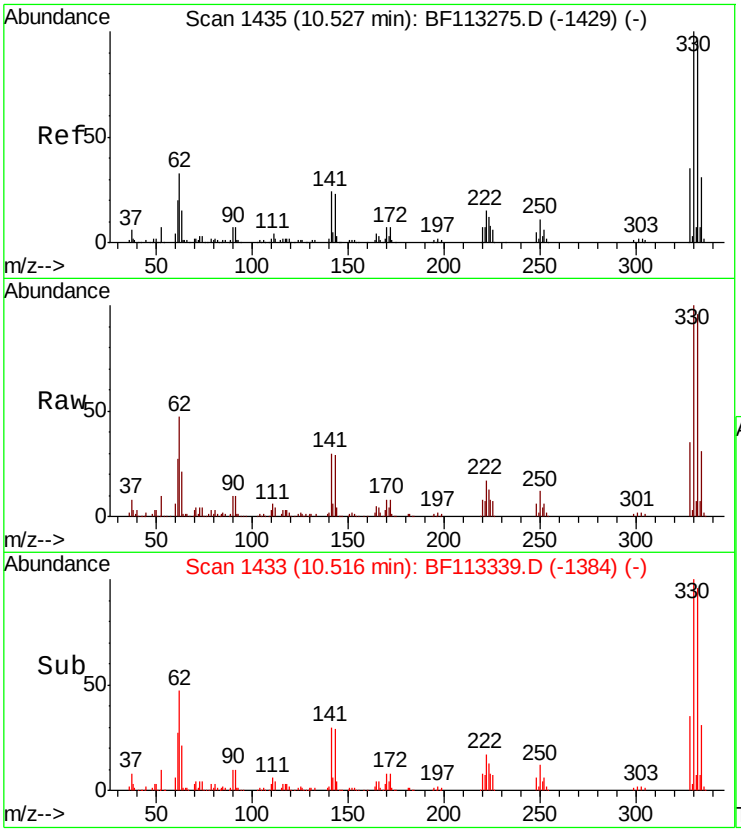


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Tgt Ion:164 Resp: 284841

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.8	122.6
160	46.9	36.4	54.6



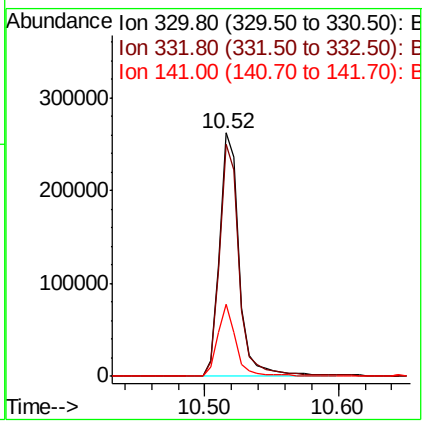


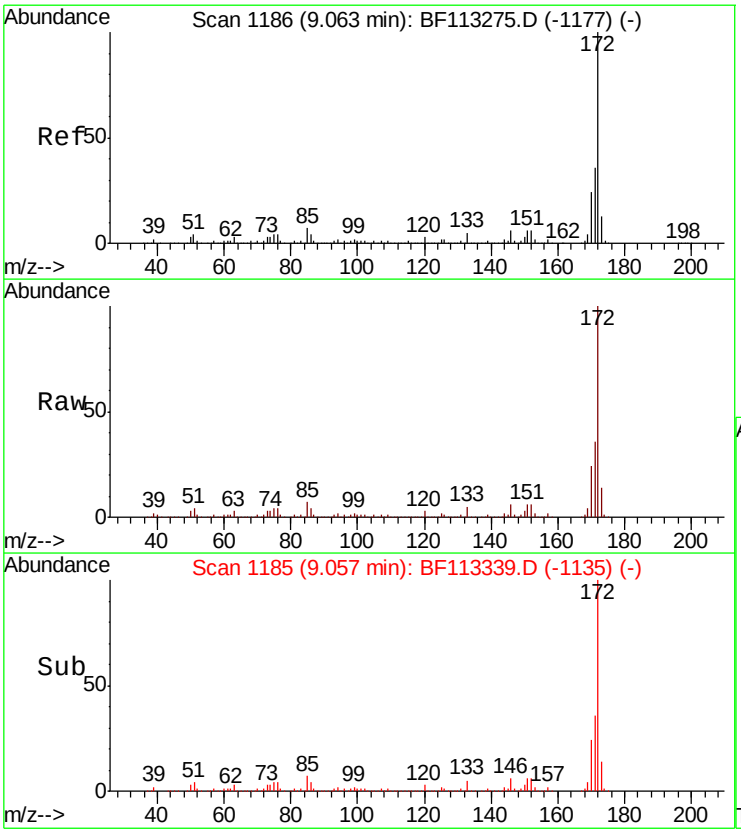
#42
2,4,6-Tribromophenol
Concen: 77.818 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
CS-22

Tgt Ion:330 Resp: 273796

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.8	116.6
141	28.8	22.7	34.1

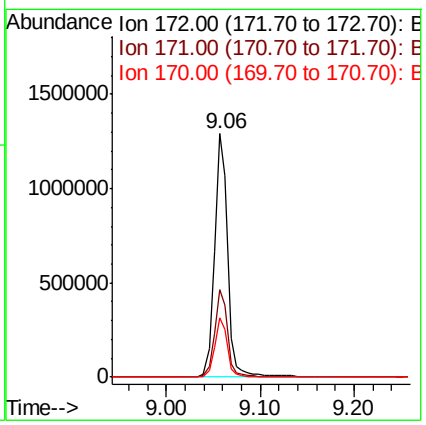


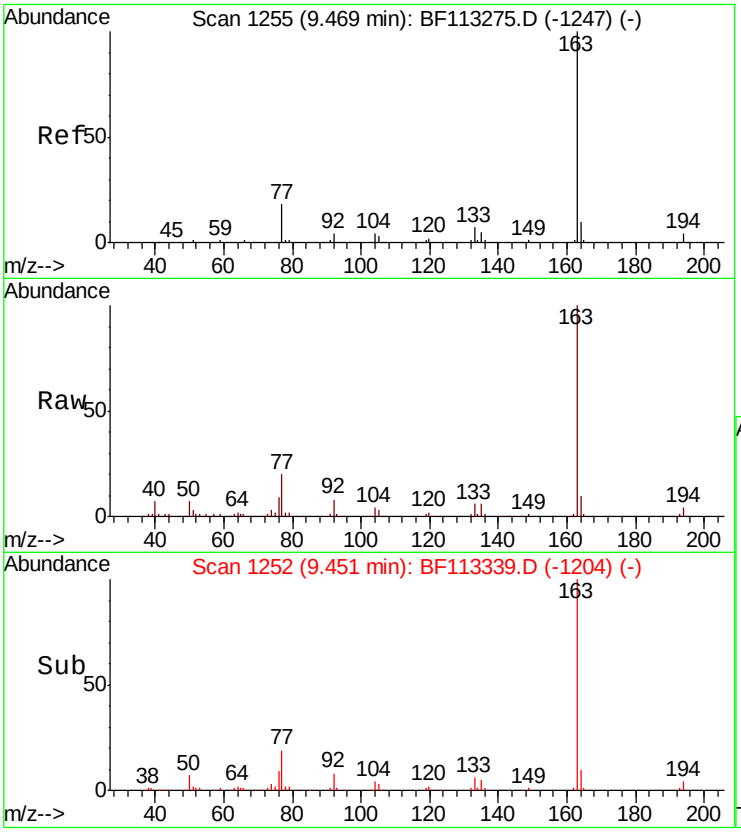


#45
2-Fluorobiphenyl
Concen: 66.917 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Tgt Ion:172 Resp: 1284293

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	24.3	19.5	29.3



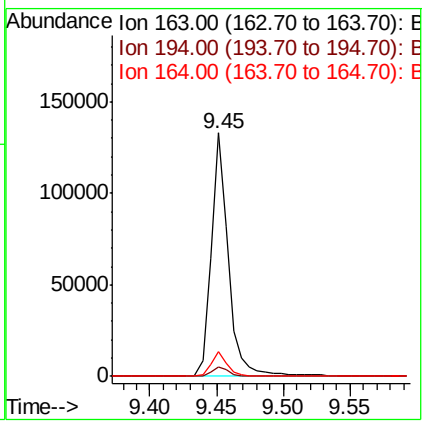


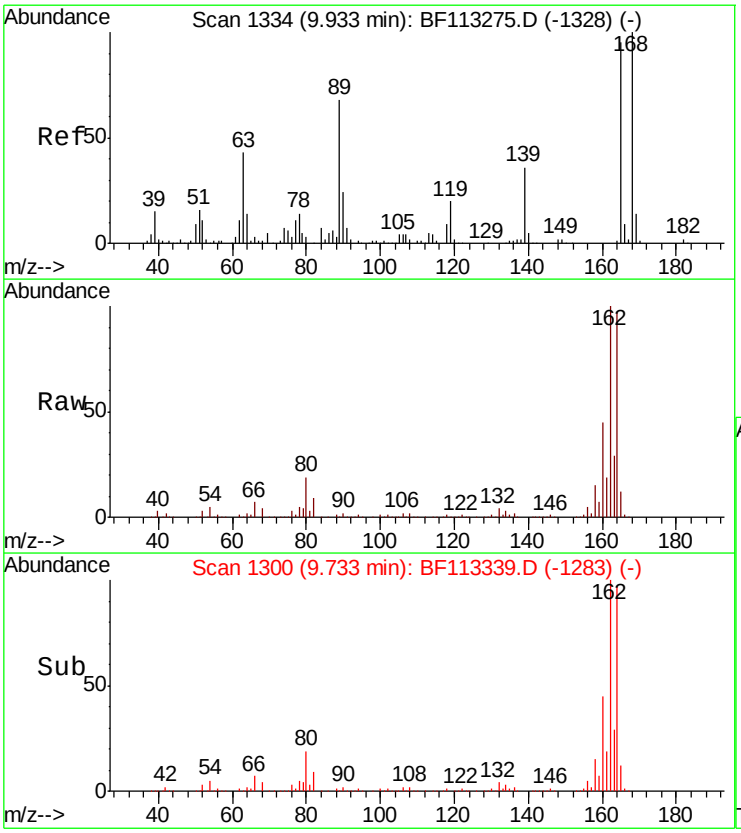
#50
Dimethylphthalate
Concen: 5.728 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
CS-22

Tgt Ion:163 Resp: 120917

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.4	8.1	12.1

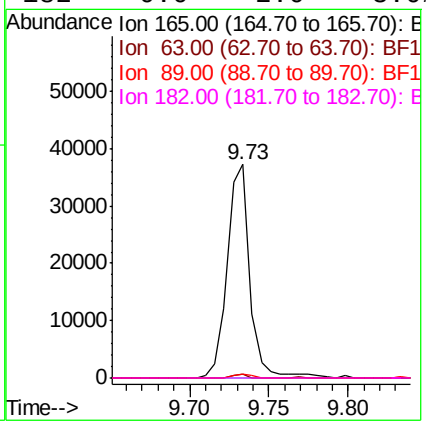


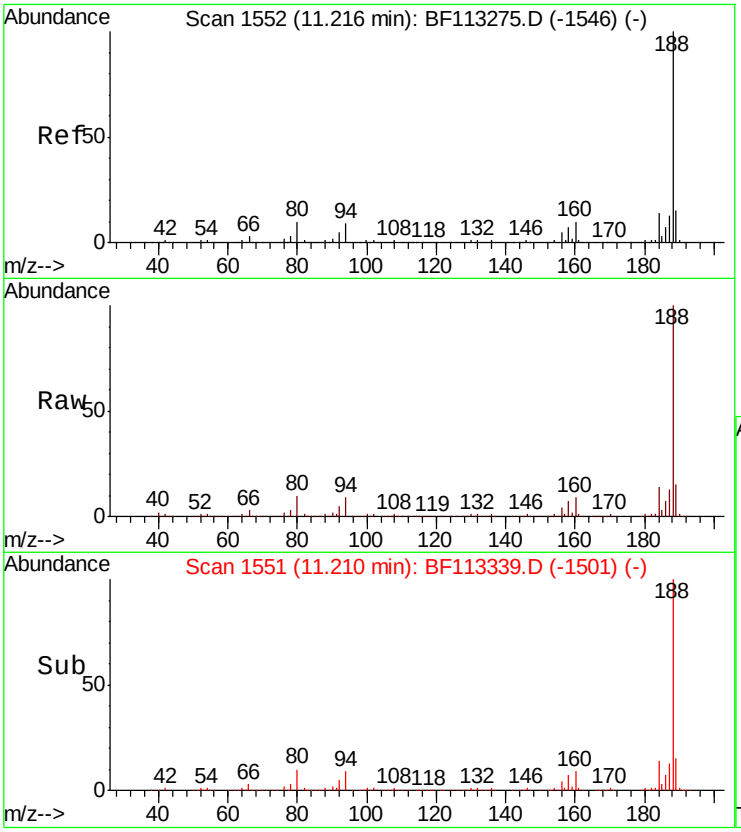


#57
2,4-Dinitrotoluene
Concen: 6.105 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.20 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Tgt Ion:165 Resp: 36973

Ion	Ratio	Lower	Upper
165	100		
63	1.6	37.5	56.3#
89	1.7	57.4	86.2#
182	0.0	2.0	3.0#



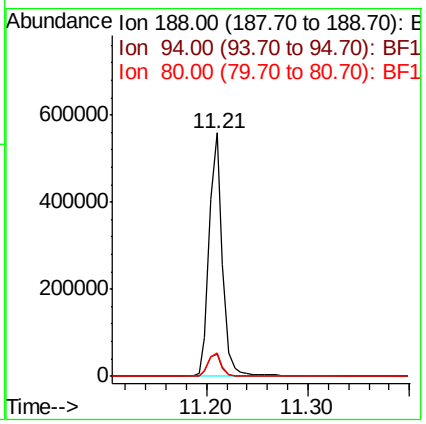


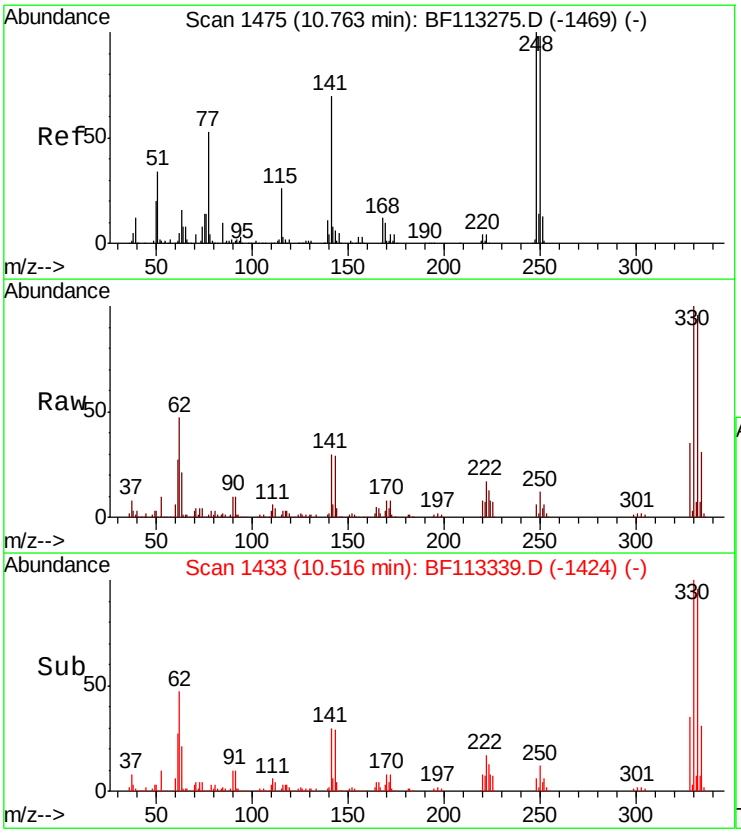
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
CS-22

Tgt Ion:188 Resp: 506659

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.6
80	9.7	7.7	11.5

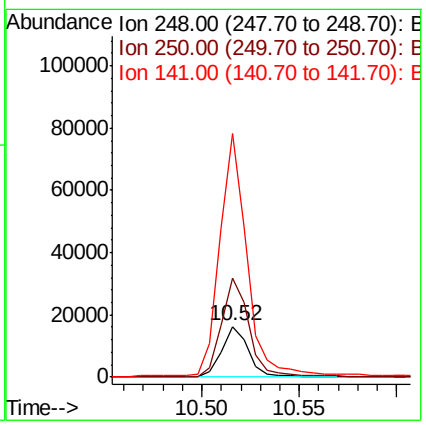


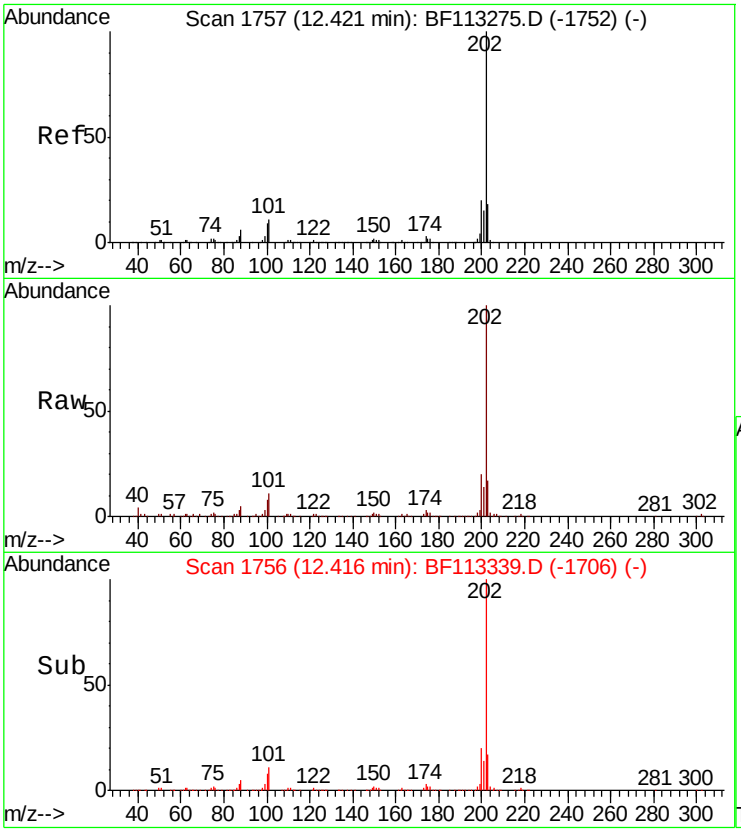


#67
4-Bromophenyl-phenylether
Concen: 2.825 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Tgt Ion:248 Resp: 15598

Ion	Ratio	Lower	Upper
248	100		
250	194.0	78.3	117.5#
141	478.5	56.2	84.4#



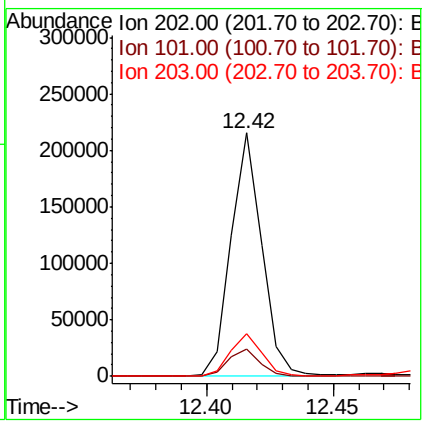


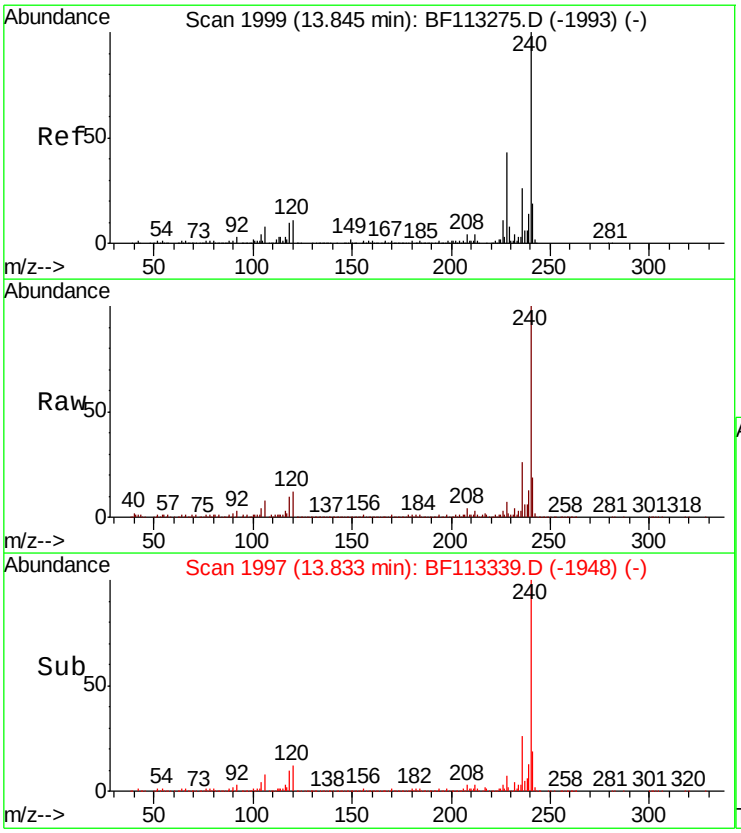
#75
Fluoranthene
Concen: 6.434 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
CS-22

Tgt Ion:202 Resp: 183017

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.4
203	17.4	0.0	38.0

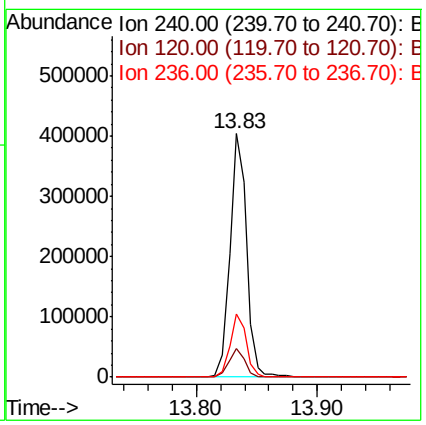


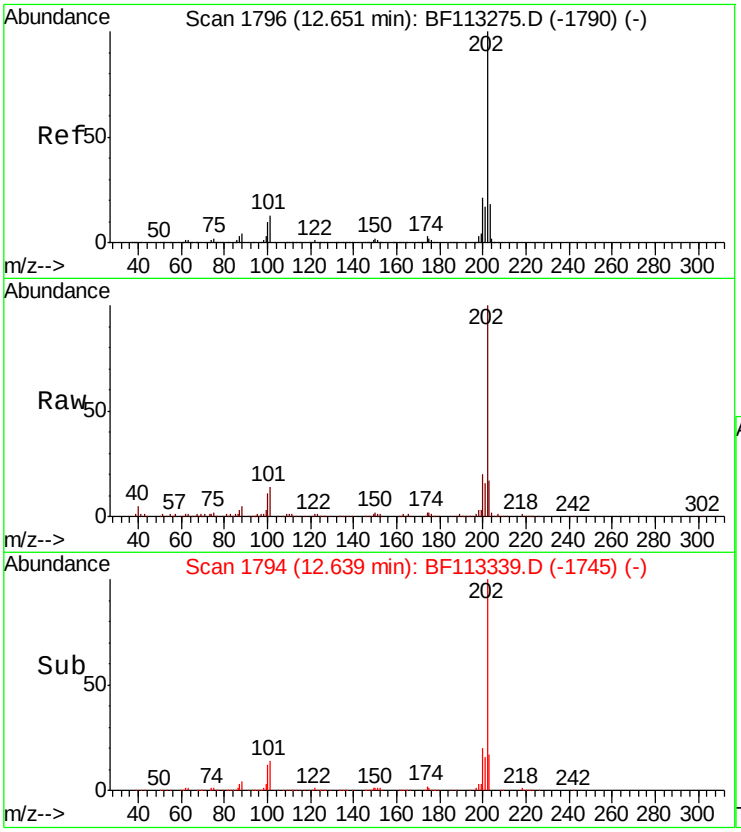


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Tgt Ion:240 Resp: 386590

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.8	13.2
236	26.1	20.9	31.3



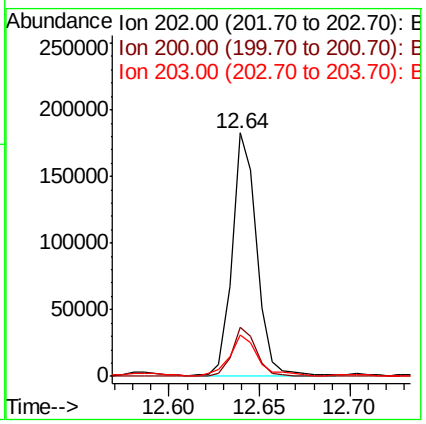


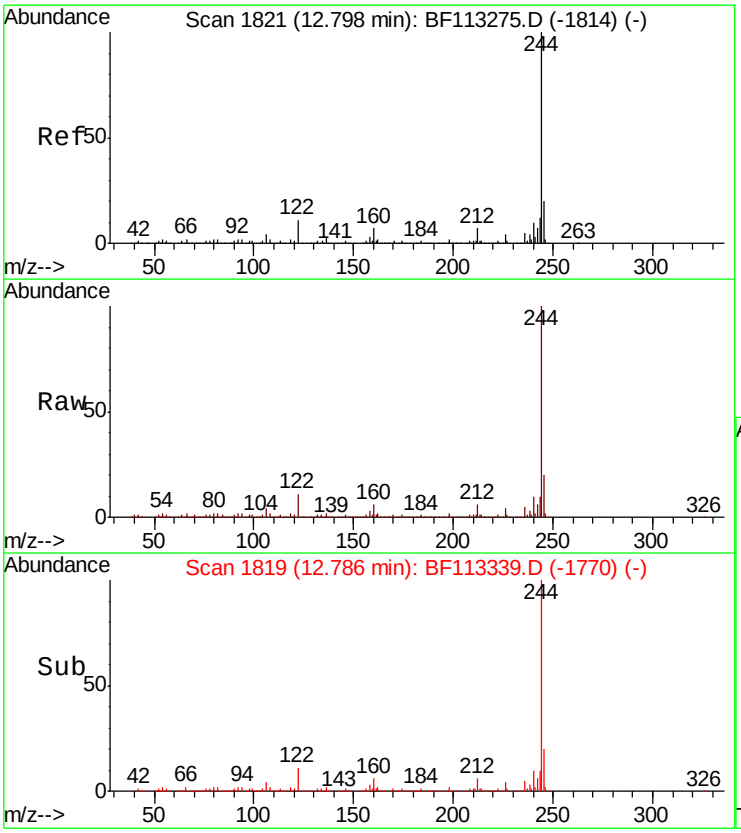
#78
Pyrene
Concen: 6.347 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
CS-22

Tgt Ion:202 Resp: 170029

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.8	25.2
203	17.1	14.4	21.6

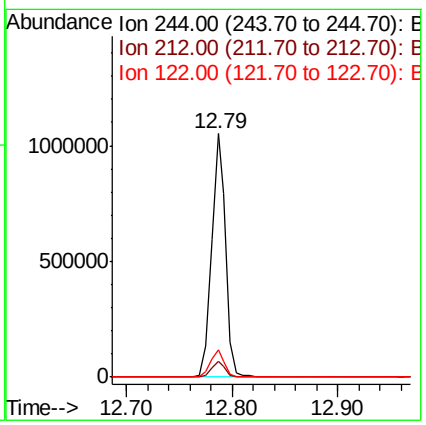


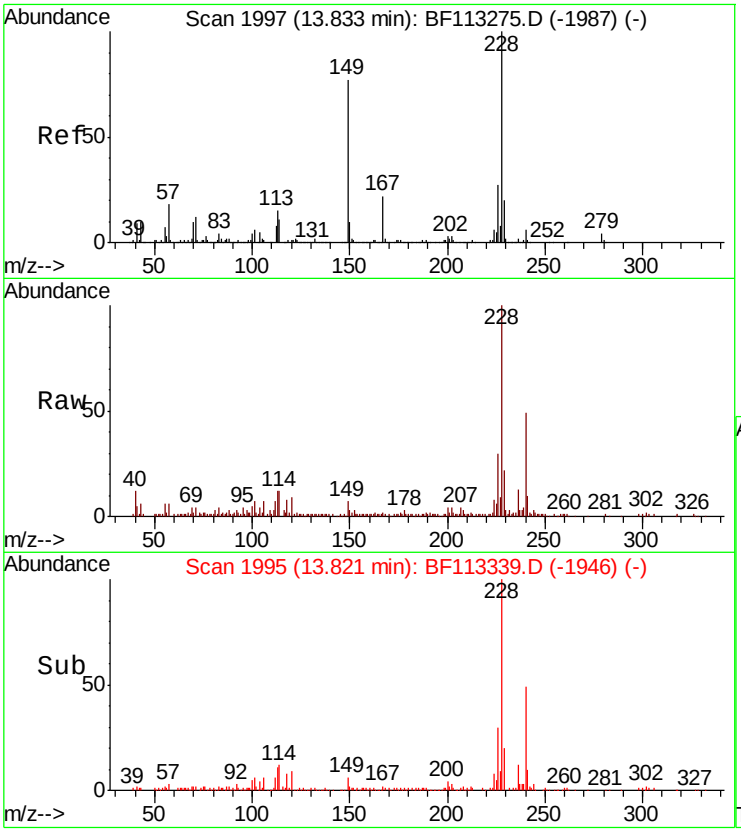


#79
Terphenyl-d14
Concen: 56.218 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Tgt Ion:244 Resp: 986003

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	11.2	8.6	13.0



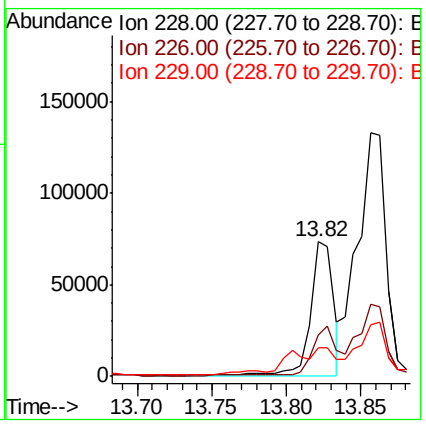


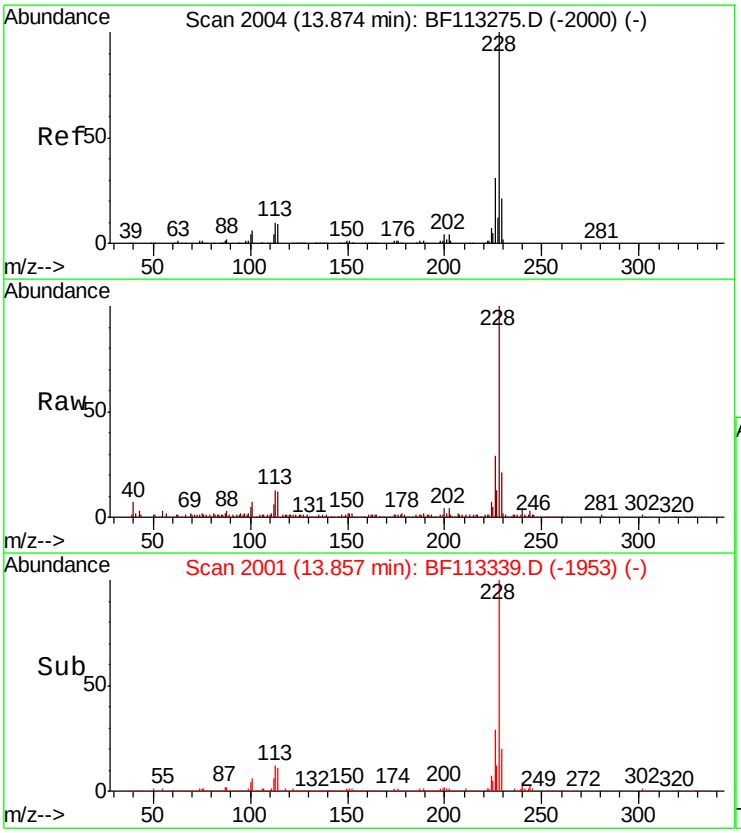
#81
Benzo(a)anthracene
Concen: 3.472 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
CS-22

Tgt Ion:228 Resp: 76828

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.8	32.8
229	21.6	16.2	24.4

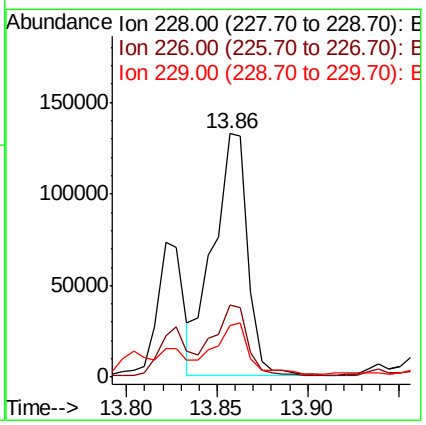


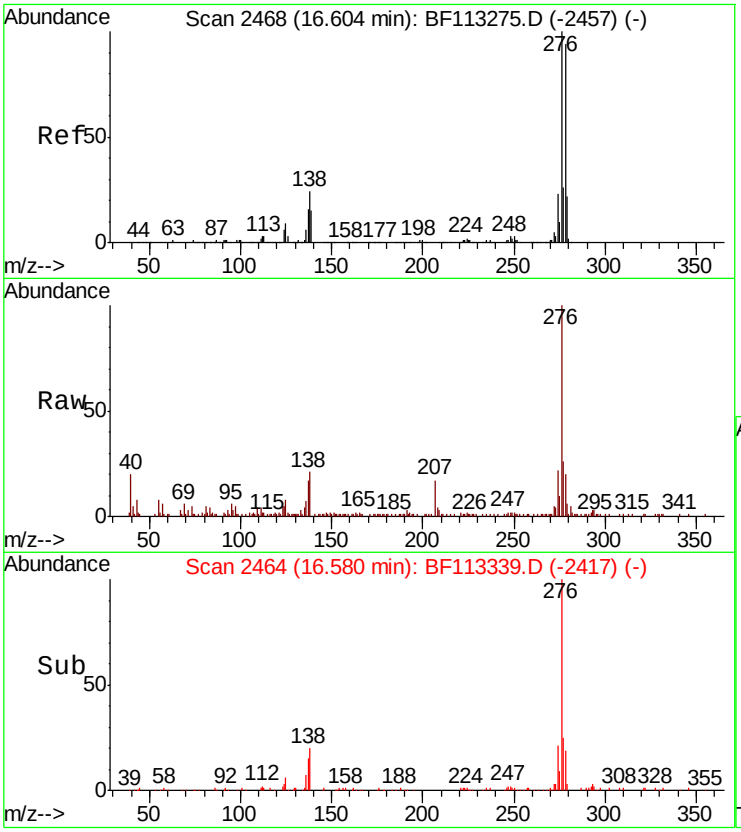


#83
Chrysene
Concen: 7.815 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Tgt Ion:228 Resp: 175664

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.3	36.5
229	21.4	16.3	24.5



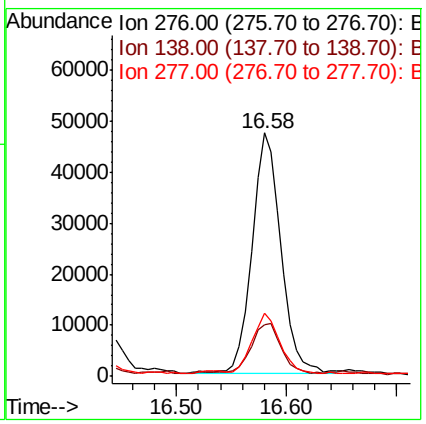


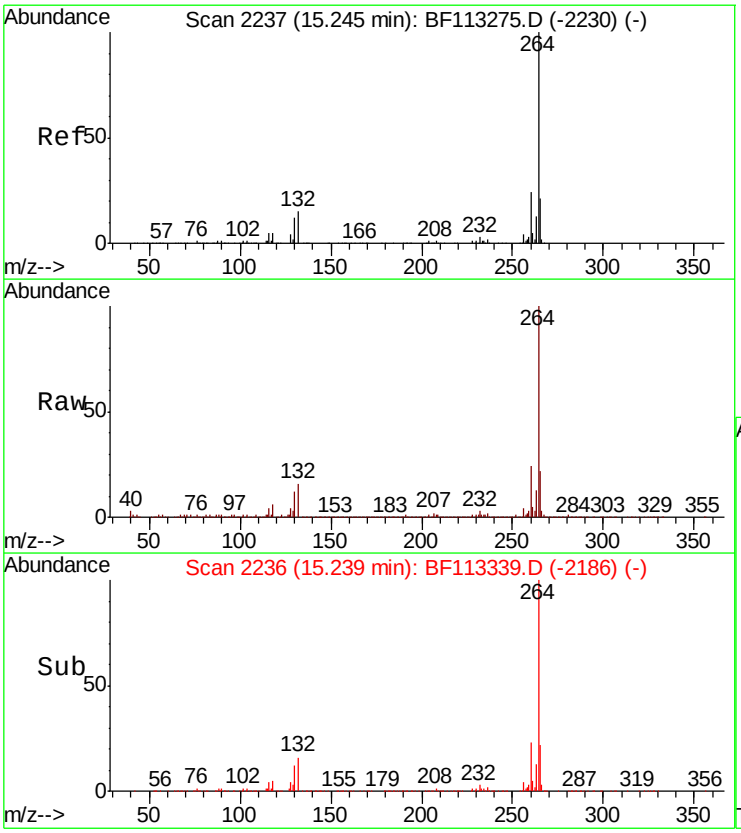
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.482 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.02 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
CS-22

Tgt Ion:276 Resp: 86459

Ion	Ratio	Lower	Upper
276	100		
138	20.8	18.1	27.1
277	23.7	20.2	30.4

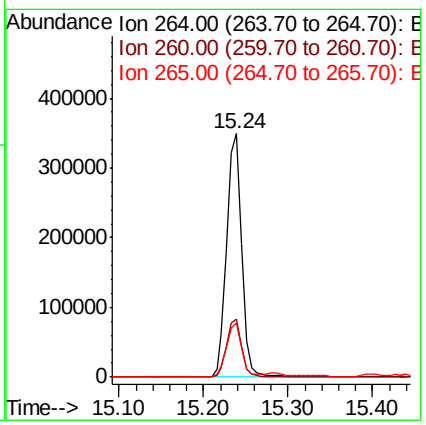


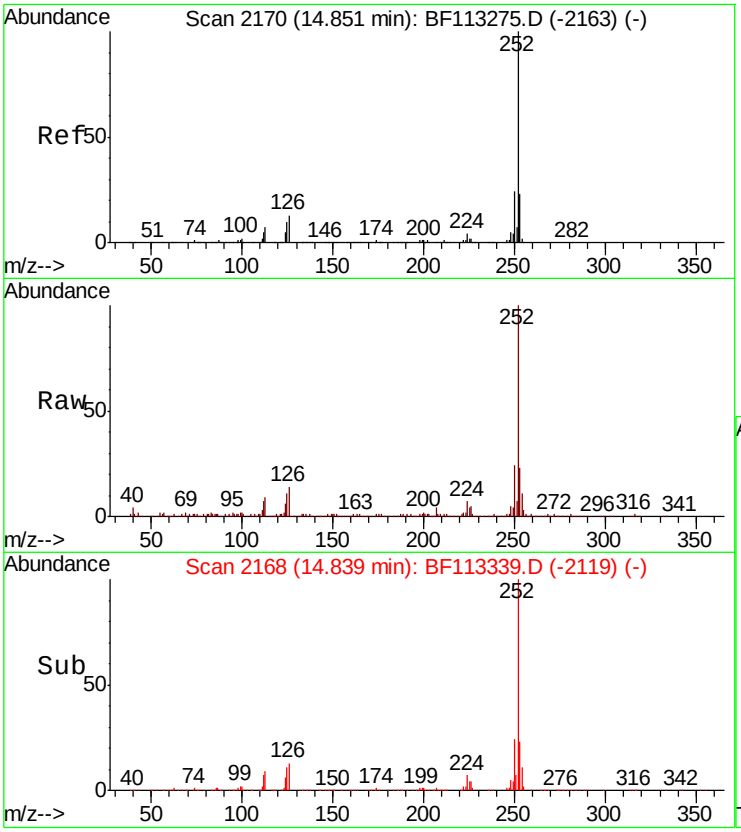


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Tgt Ion:264 Resp: 428385

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	22.2	17.1	25.7



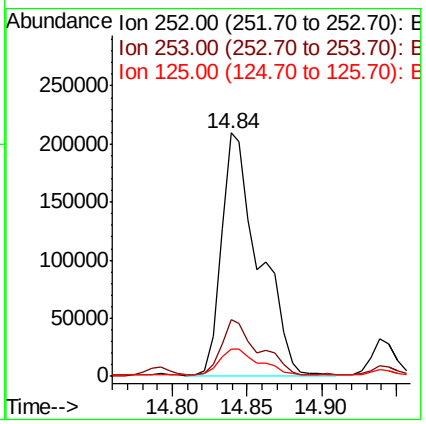


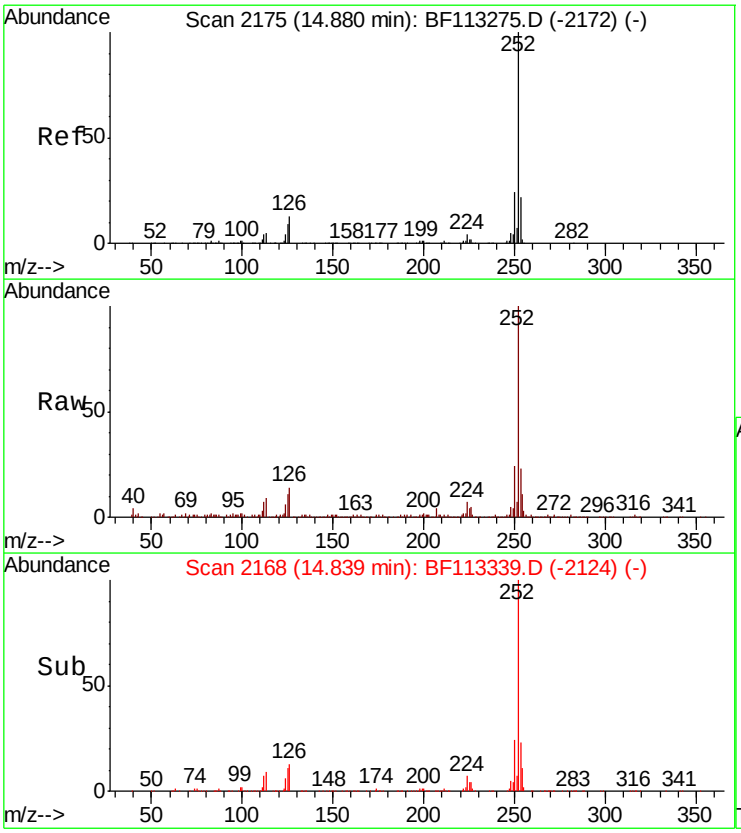
#88
Benzo(b)fluoranthene
Concen: 13.820 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
CS-22

Tgt Ion:252 Resp: 367764

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	11.4	7.6	11.4

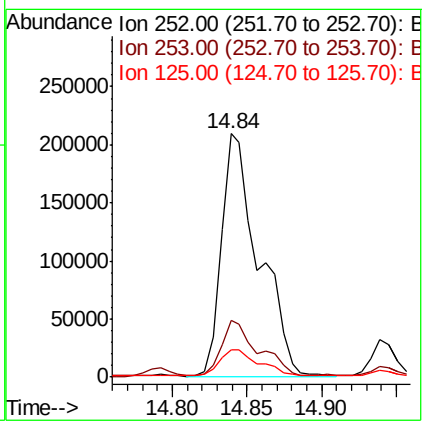


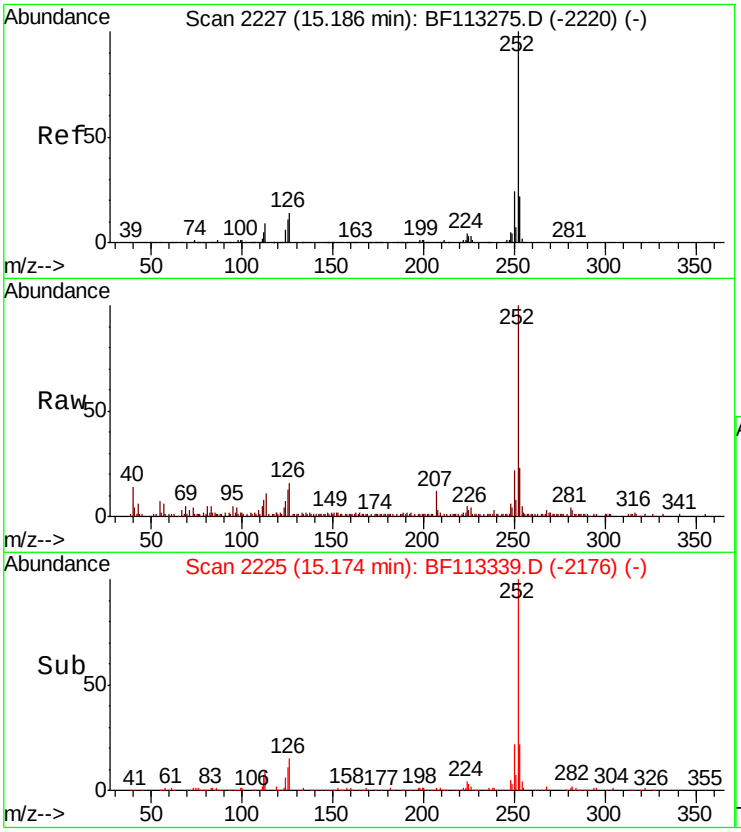


#89
Benzo(k)fluoranthene
Concen: 15.737 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.04 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Tgt Ion:252 Resp: 367764

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	11.4	7.3	10.9#



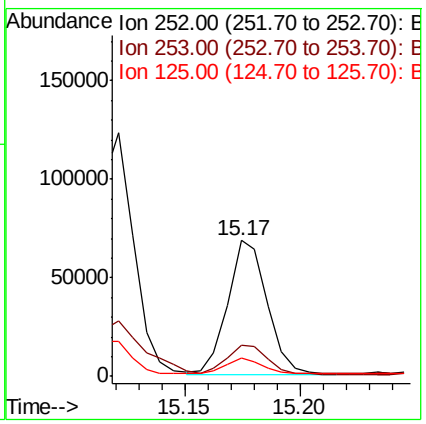


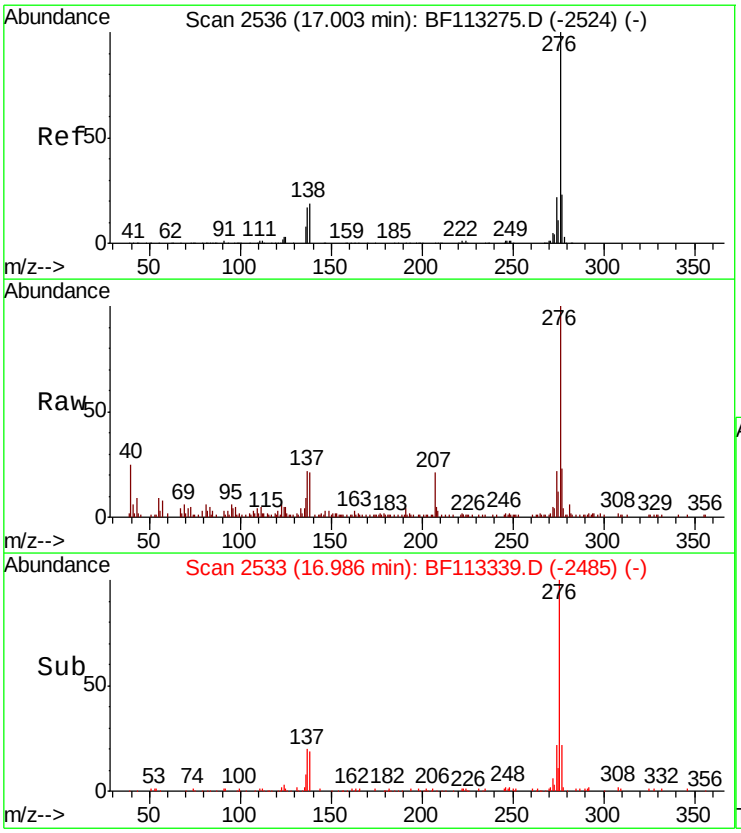
#90
Benzo(a)pyrene
Concen: 3.496 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
CS-22

Tgt Ion:252 Resp: 82481

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	13.2	8.8	13.2#





#92
Benzo(g,h,i)perylene
Concen: 3.831 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.02 min
Lab File: BF113339.D
Acq: 27 Mar 2019 19:10

Tgt Ion:276 Resp: 78792

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	20.6	15.6	23.4