Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100319\
Data File : BF117330.D
Acq On : 3 Oct 2019 21:32
Operator : JU
Sample : K5137-03RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-047-BRE

Quant Time: Oct 04 03:21:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	56594	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	228028	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	102352	20.00	ng		-0.02
64) Phenanthrene-d10	11.33	188	128775	20.00	ng		0.00
76) Chrysene-d12	13.97	240	103695	20.00	ng		0.00
87) Perylene-d12	15.43	264	101467	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	277988	76.69	ng		0.00
7) Phenol-d6	6.45	99	406713	86.82	ng		0.00
23) Nitrobenzene-d5	7.37	82	250363	57.69	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	54938	64.22	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	387374	59.18	ng		-0.02
79) Terphenyl-d14	12.90	244	247103	44.54	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	346	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.37	70	30179	10.579	ng	#	80
25) Isophorone	7.37	82	250361	32.582	ng	#	66
50) Dimethylphthalate	9.55	163	56346	7.775	ng		99
57) 2,4-Dinitrotoluene	9.84	165	13281	6.932	ng	#	18
67) 4-Bromophenyl-phenylether	10.63	248	3405	2.589	ng	#	1
71) Phenanthrene	11.35	178	35757	4.889	ng		99
75) Fluoranthene	12.54	202	69860	9.295	ng		98
78) Pyrene	12.77	202	68686	7.894	ng		99
81) Benzo(a)anthracene	13.96	228	37603	5.428	ng		96
83) Chrysene	14.00	228	34616	5.123	ng		96
86) Indeno(1,2,3-cd)pyrene	16.89	276	14042	2.848	ng	#	72
88) Benzo(b)fluoranthene	15.01	252	55883	9.092	ng	#	87
89) Benzo(k)fluoranthene	15.01	252	55883	9.598	ng	#	87
90) Benzo(a)pyrene	15.37	252	29049	5.386	ng	#	86
92) Benzo(g,h,i)perylene	17.33	276	15681	3.663	ng	#	90

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

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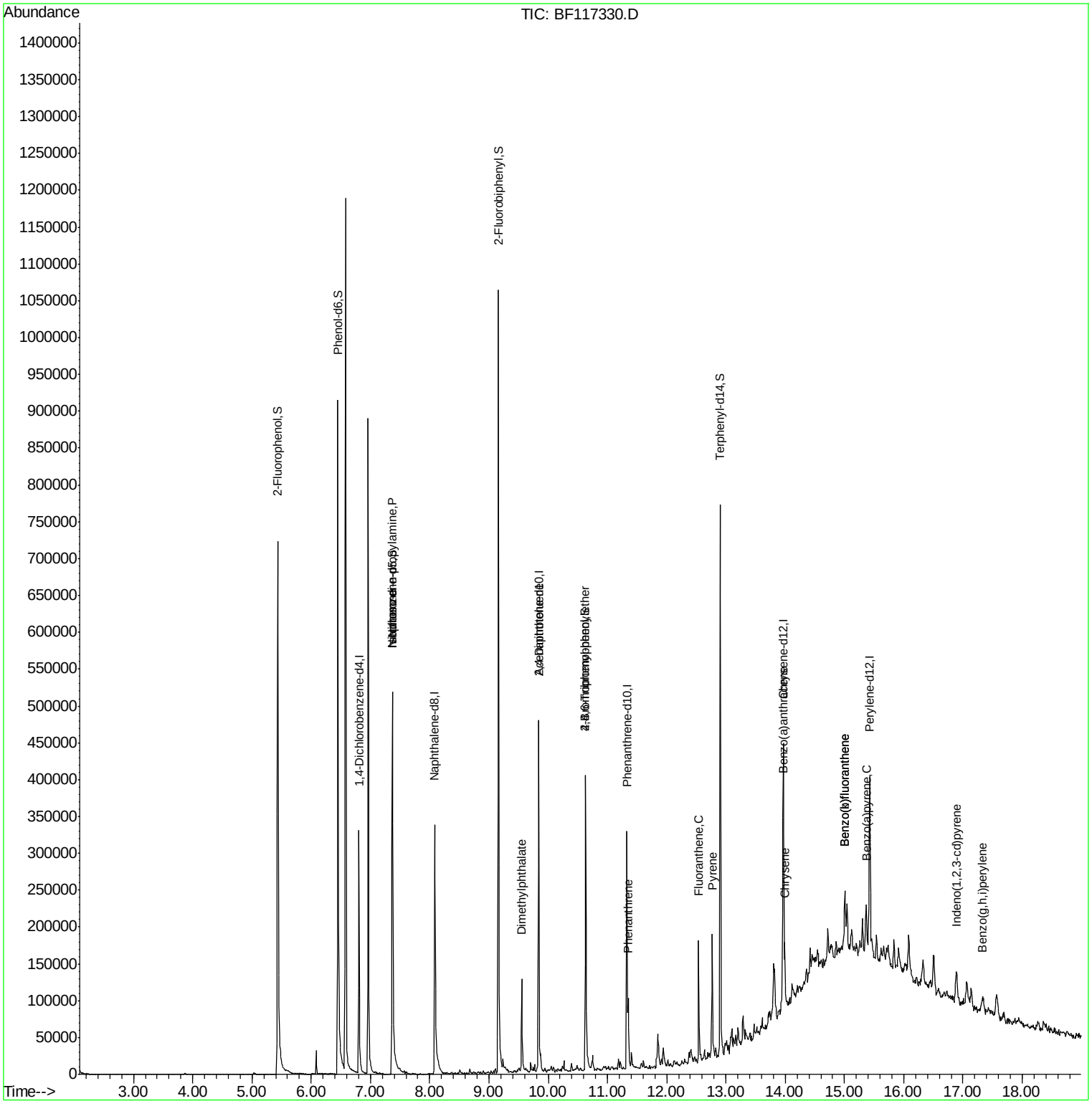
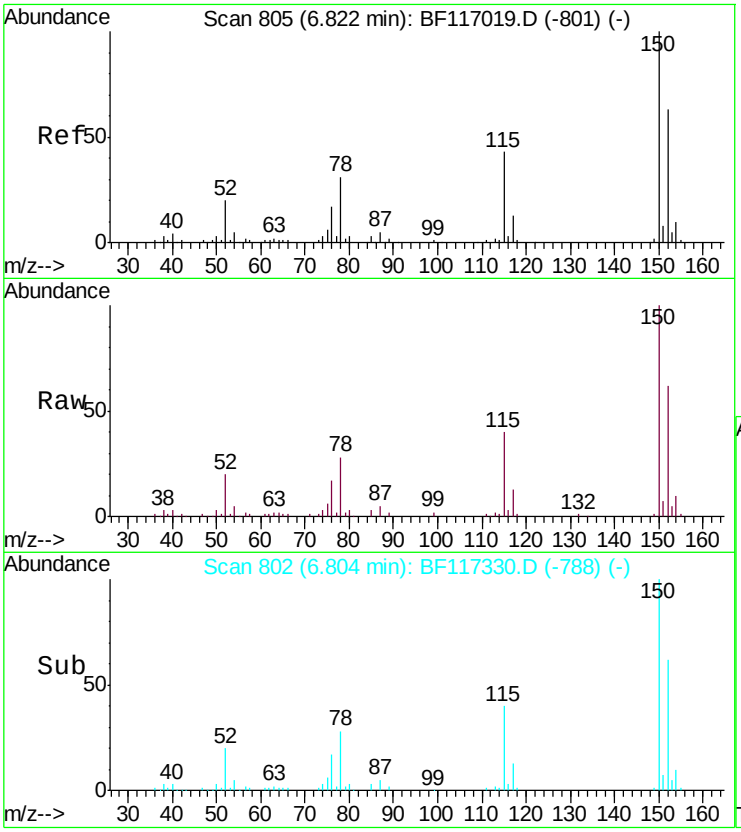


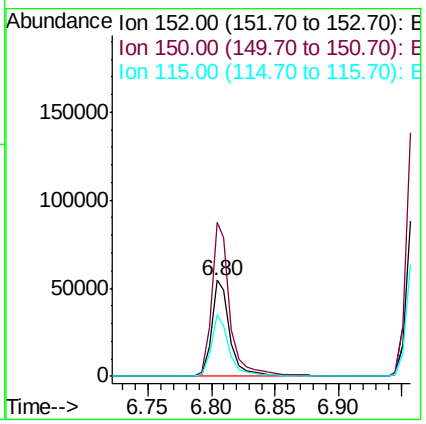


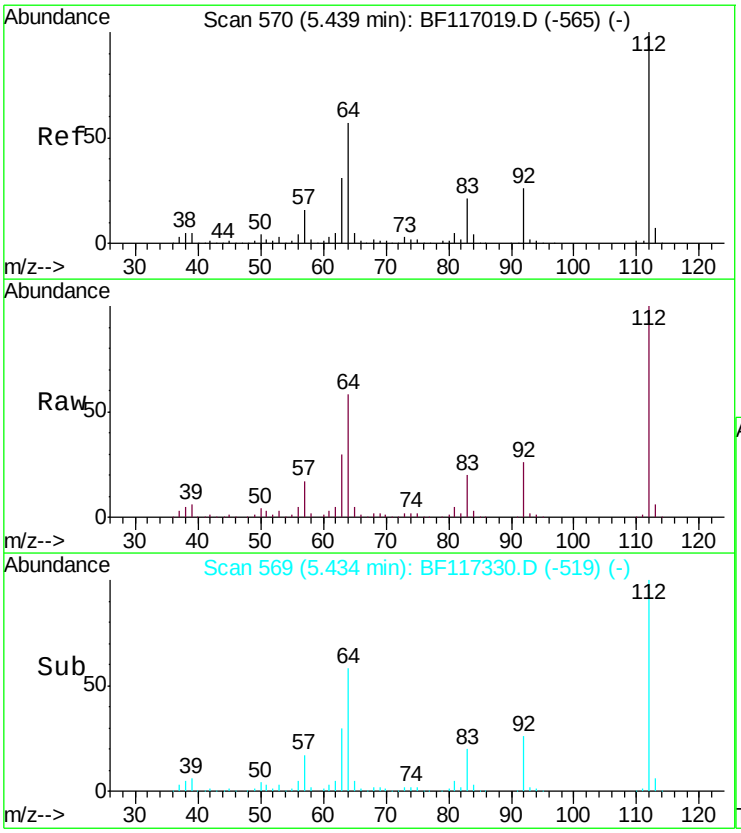
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-BRE

Tgt Ion:152 Resp: 56594

Ion	Ratio	Lower	Upper
152	100		
150	160.9	127.5	191.3
115	64.7	55.0	82.4

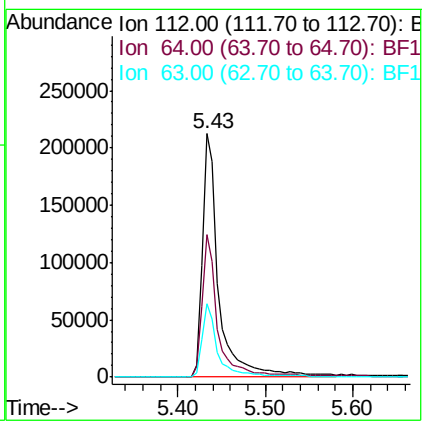


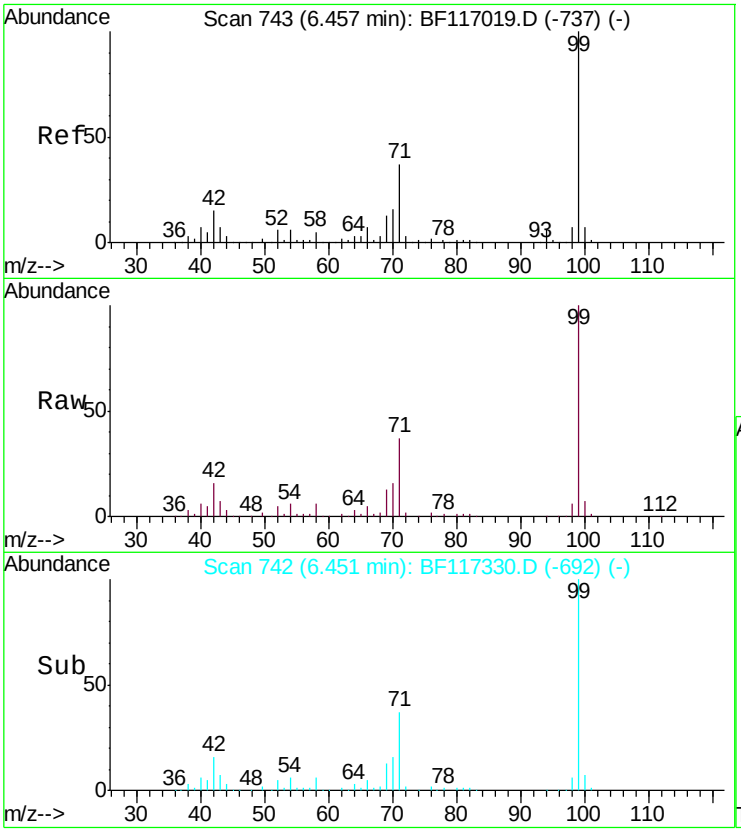


#5
2-Fluorophenol
Concen: 76.688 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Tgt Ion:112 Resp: 277988

Ion	Ratio	Lower	Upper
112	100		
64	58.5	45.7	68.5
63	30.0	24.9	37.3



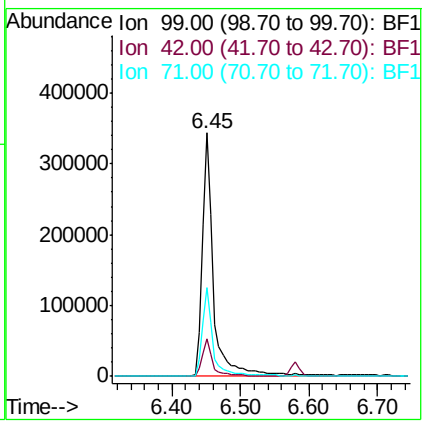


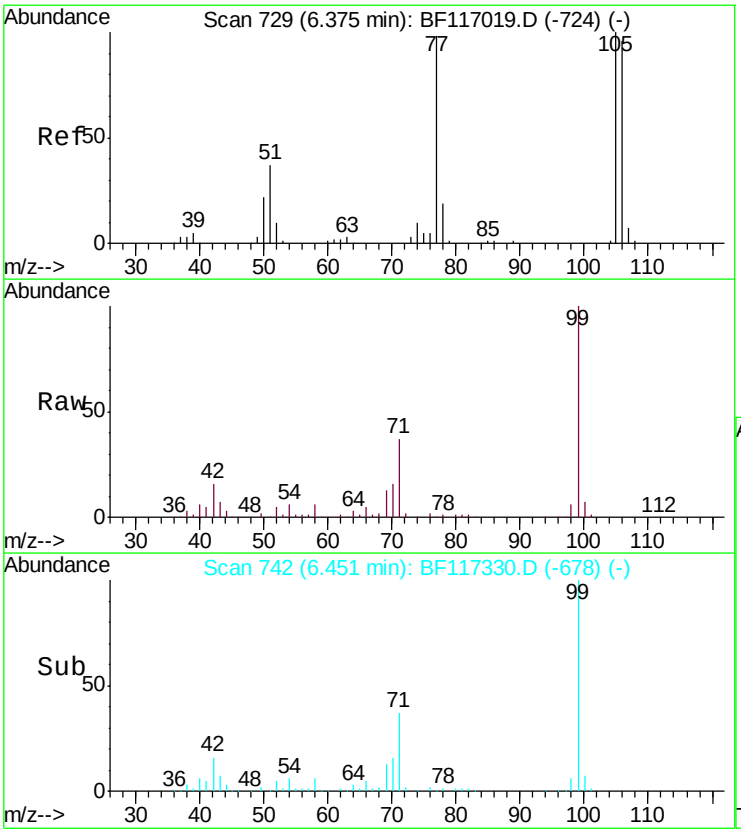
#7
Phenol-d6
Concen: 86.817 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-BRE

Tgt Ion: 99 Resp: 406713

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.2	18.2
71	36.6	29.8	44.8

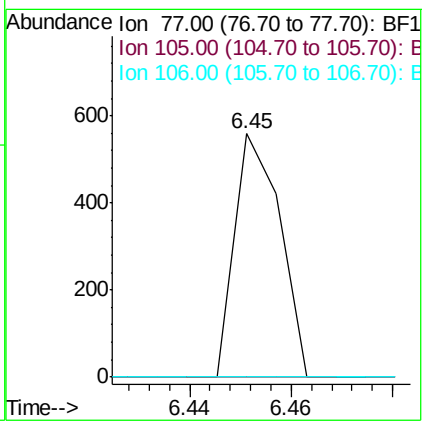


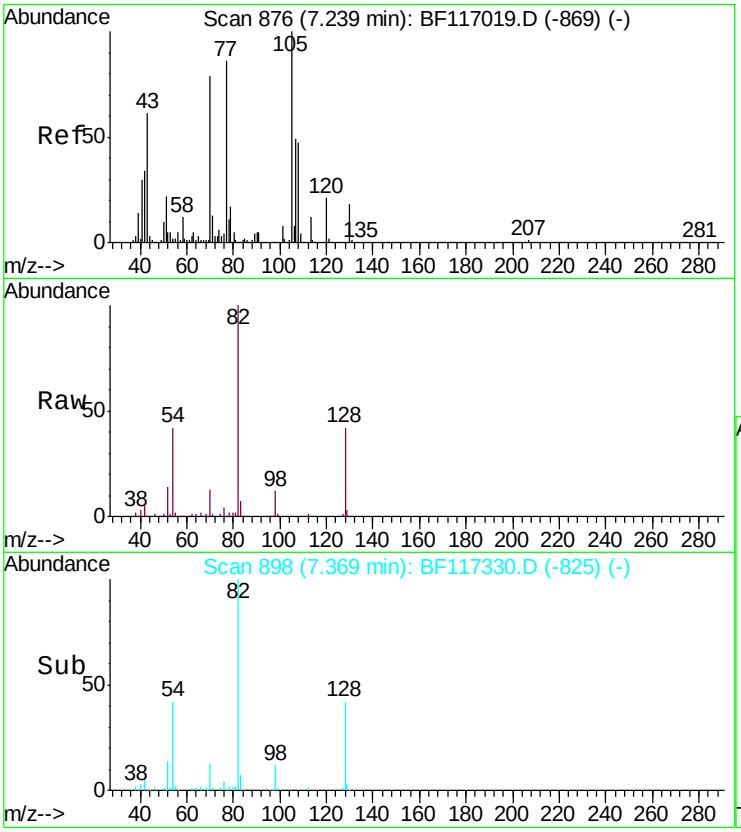


#9
Benzaldehyde
Concen: Below Cal
RT: 6.45 min Scan# 742
Delta R.T. 0.08 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Tgt Ion: 77 Resp: 346

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.8	121.8#
106	0.0	77.3	117.3#



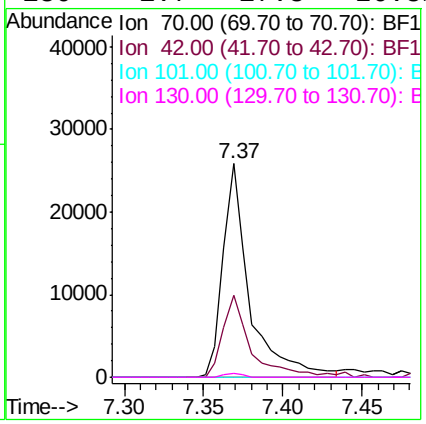


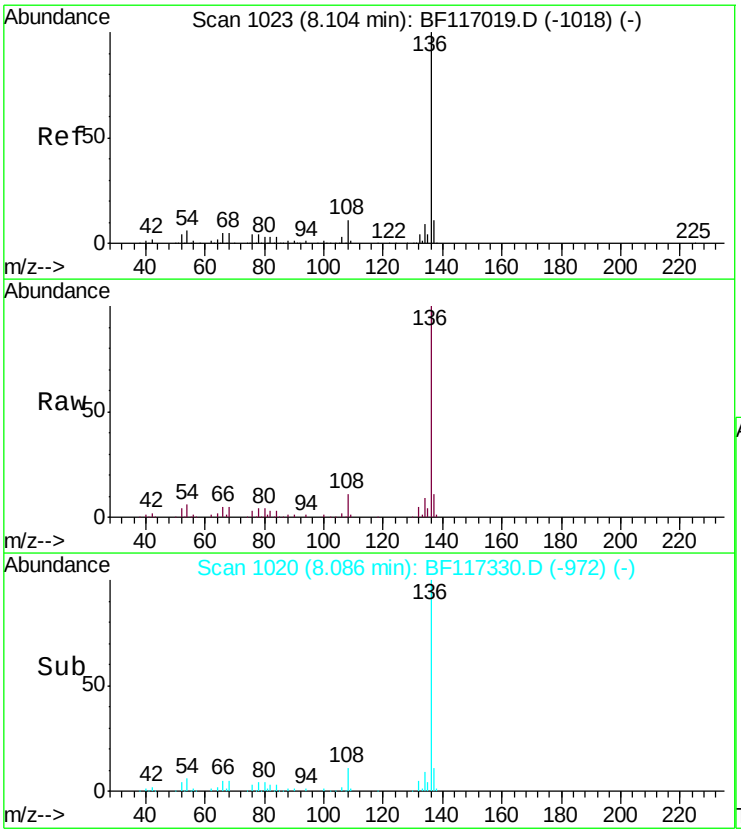
#19
n-Nitroso-di-n-propylamine
Concen: 10.579 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-BRE

Tgt Ion: 70 Resp: 30179

Ion	Ratio	Lower	Upper
70	100		
42	38.3	34.0	51.0
101	0.0	7.8	11.6#
130	1.7	17.8	26.8#

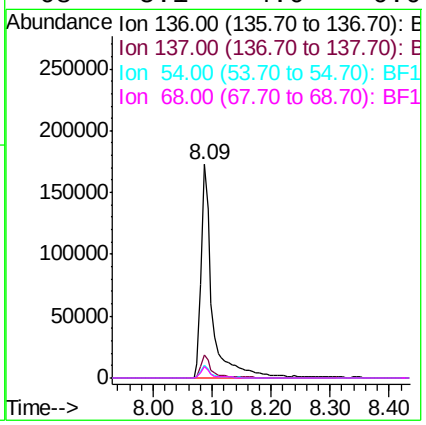


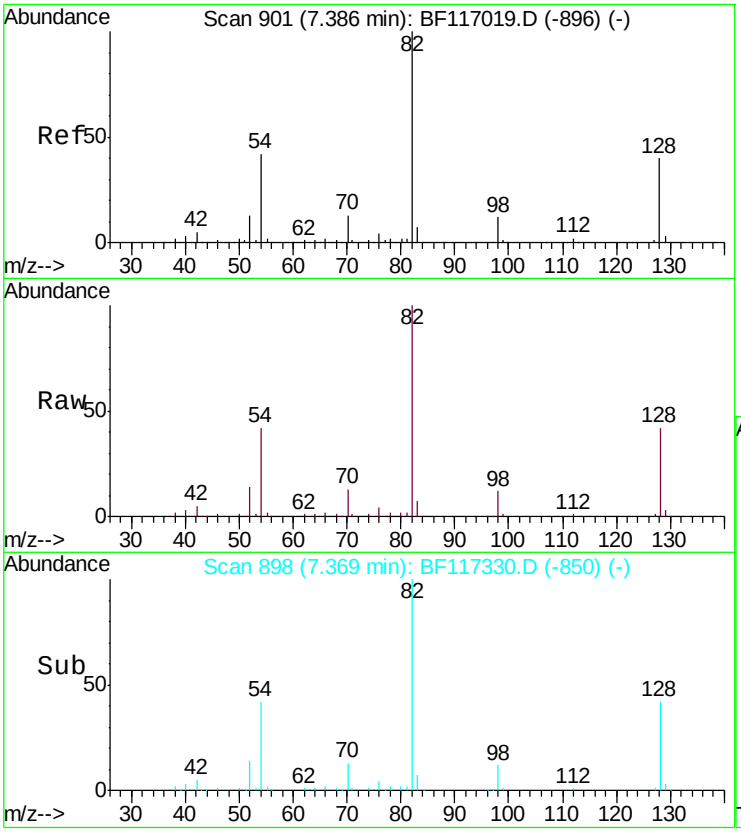


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Tgt Ion:136 Resp: 228028

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	5.8	4.5	6.7
68	5.1	4.0	6.0



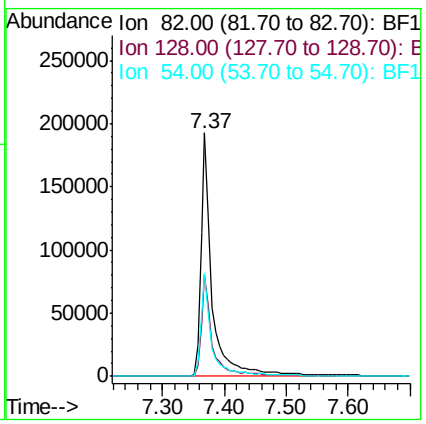


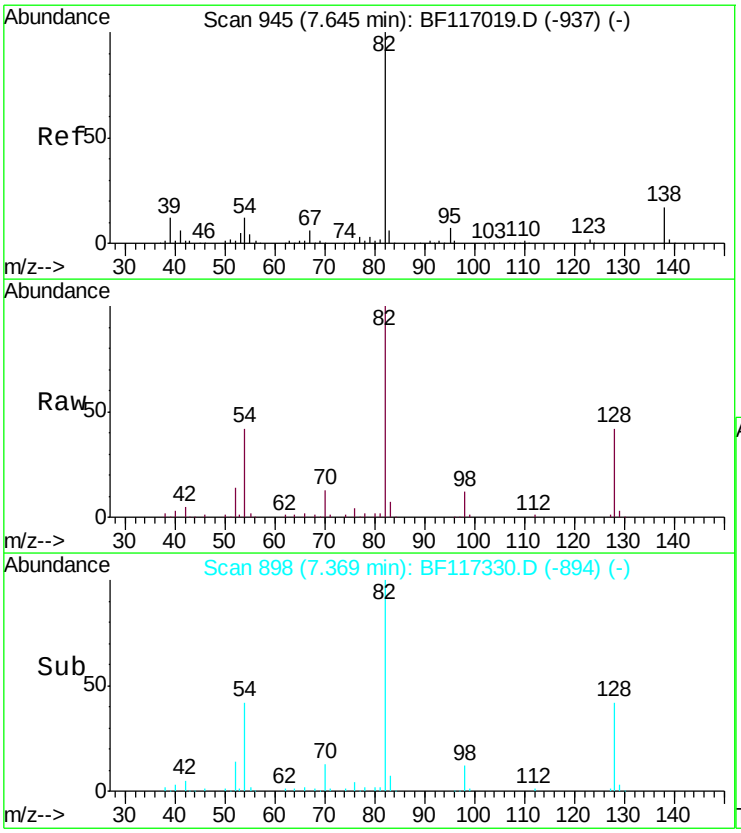
#23
Nitrobenzene-d5
Concen: 57.689 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-BRE

Tgt Ion: 82 Resp: 250363

Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.3	48.5
54	42.1	33.3	49.9

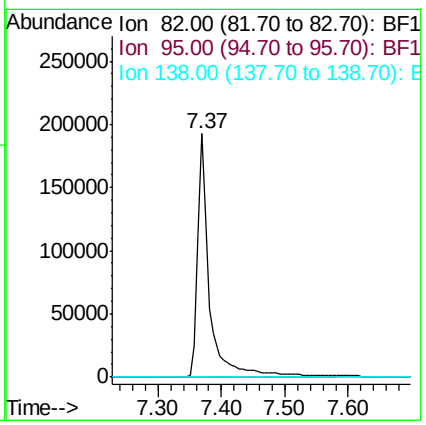


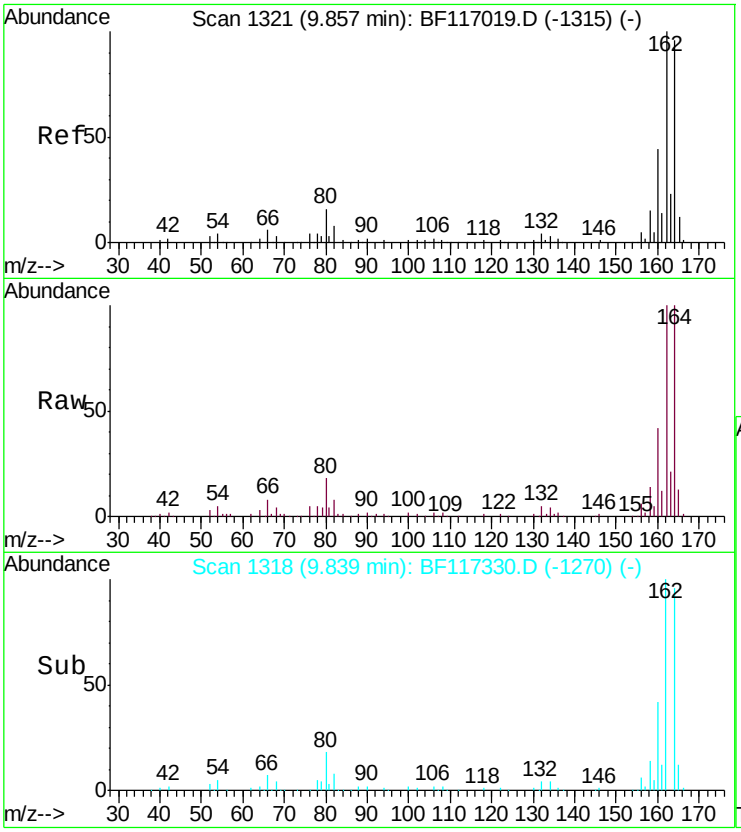


#25
Isophorone
Concen: 32.582 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Tgt Ion: 82 Resp: 250361

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#



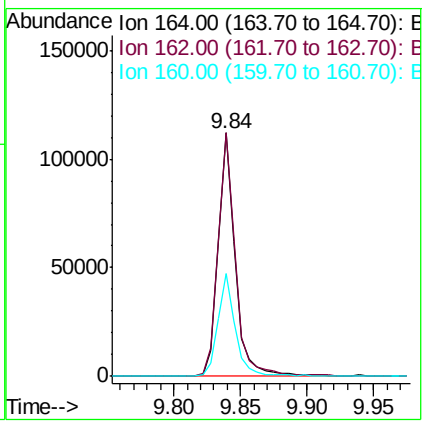


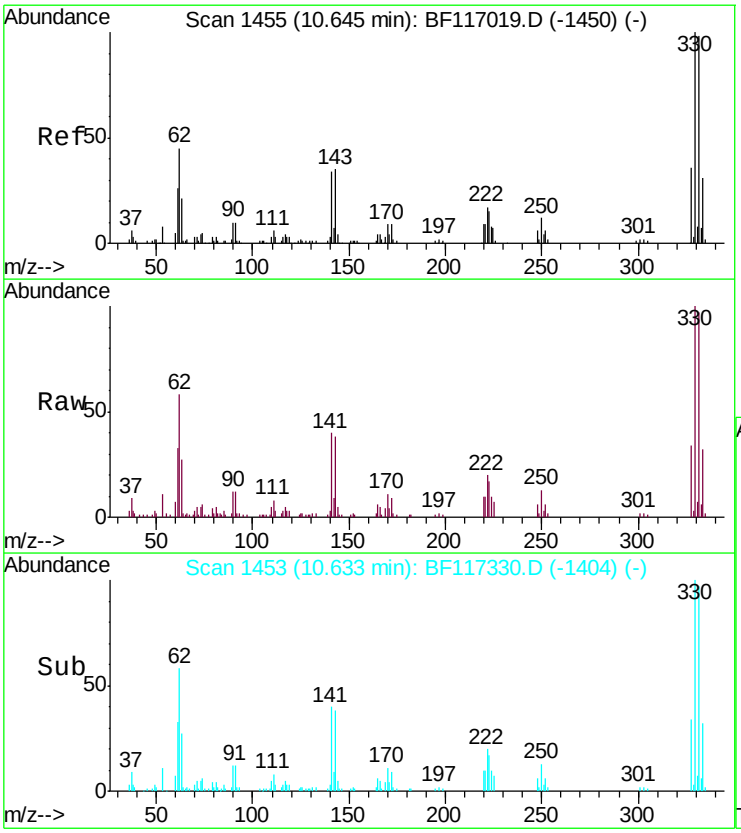
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-BRE

Tgt Ion:164 Resp: 102352

Ion	Ratio	Lower	Upper
164	100		
162	100.2	83.4	125.2
160	42.3	36.4	54.6

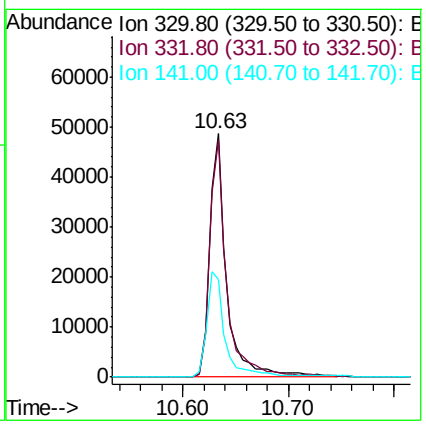


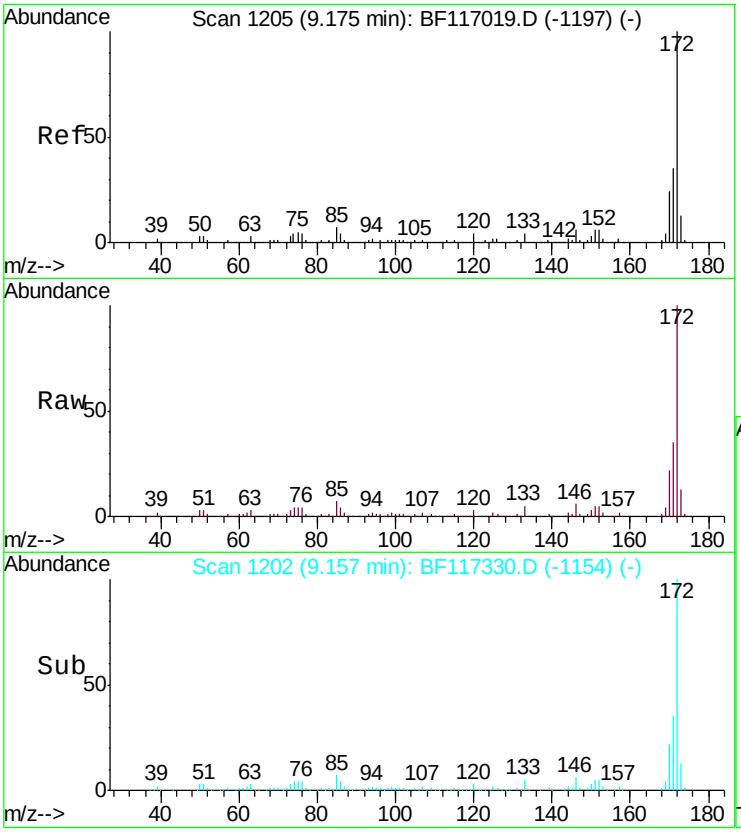


#42
2,4,6-Tribromophenol
Concen: 64.223 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Tgt Ion:330 Resp: 54938

Ion	Ratio	Lower	Upper
330	100		
332	99.5	78.0	117.0
141	47.0	35.8	53.6



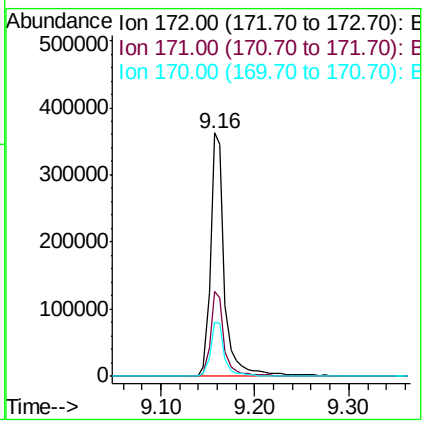


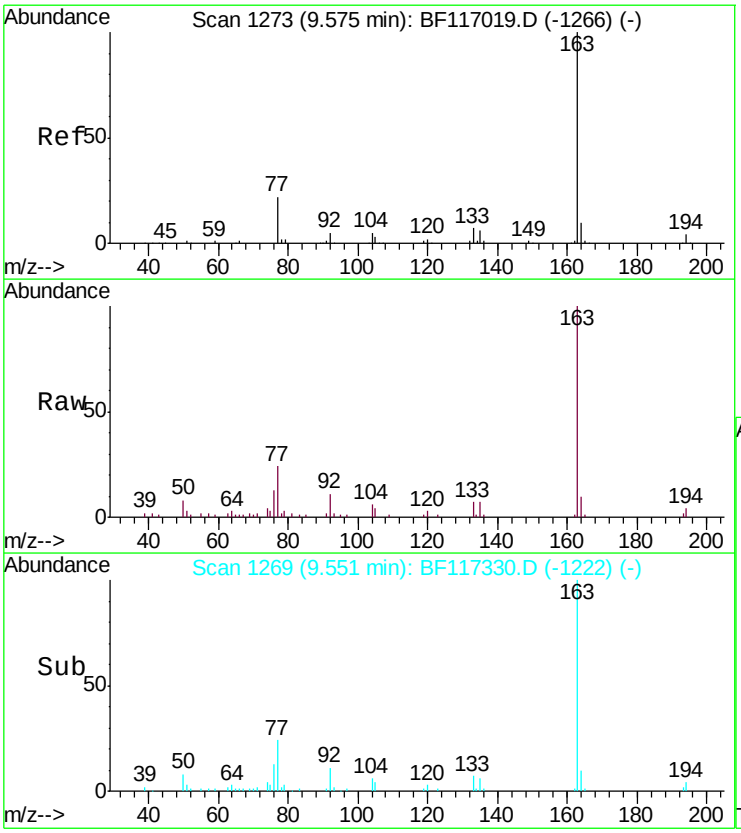
#45
2-Fluorobiphenyl
Concen: 59.177 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-BRE

Tgt Ion:172 Resp: 387374

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	22.5	18.9	28.3

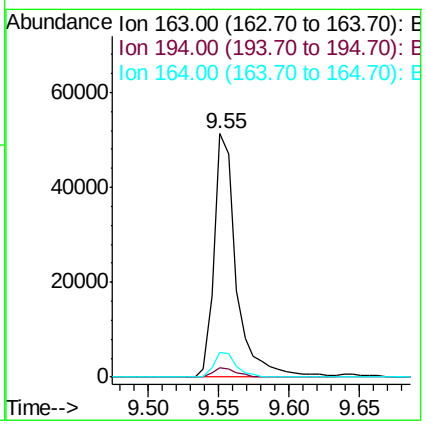


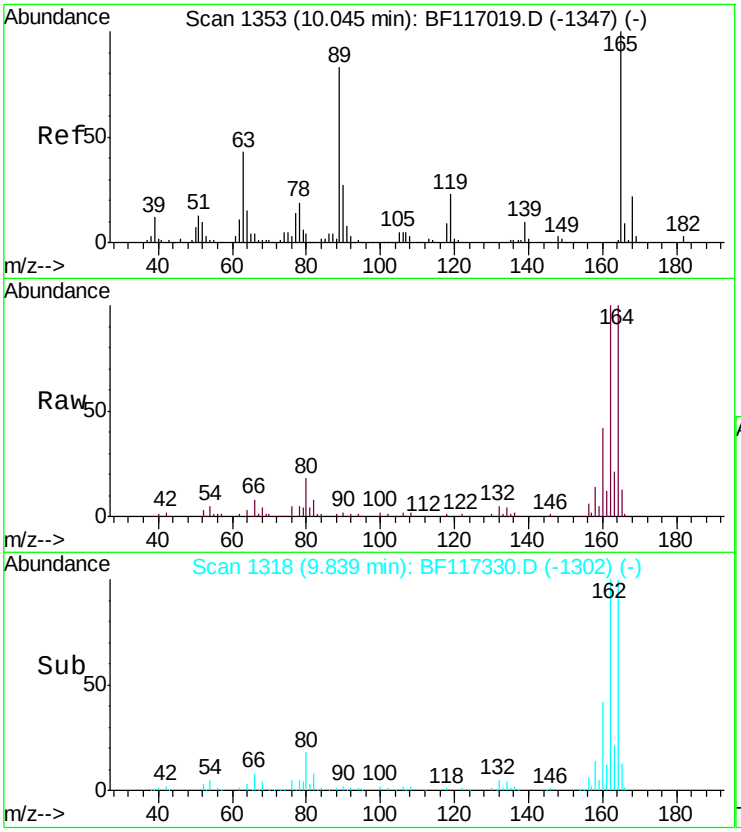


#50
Dimethylphthalate
Concen: 7.775 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Tgt Ion:163 Resp: 56346

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.9	4.3
164	10.1	8.2	12.4



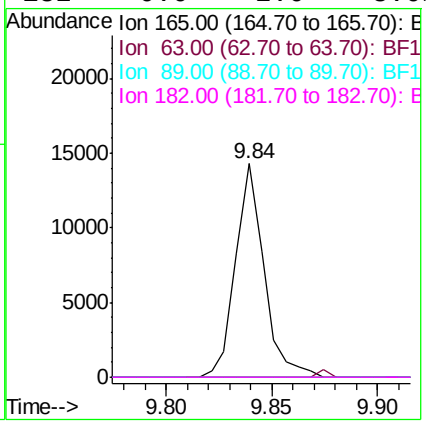


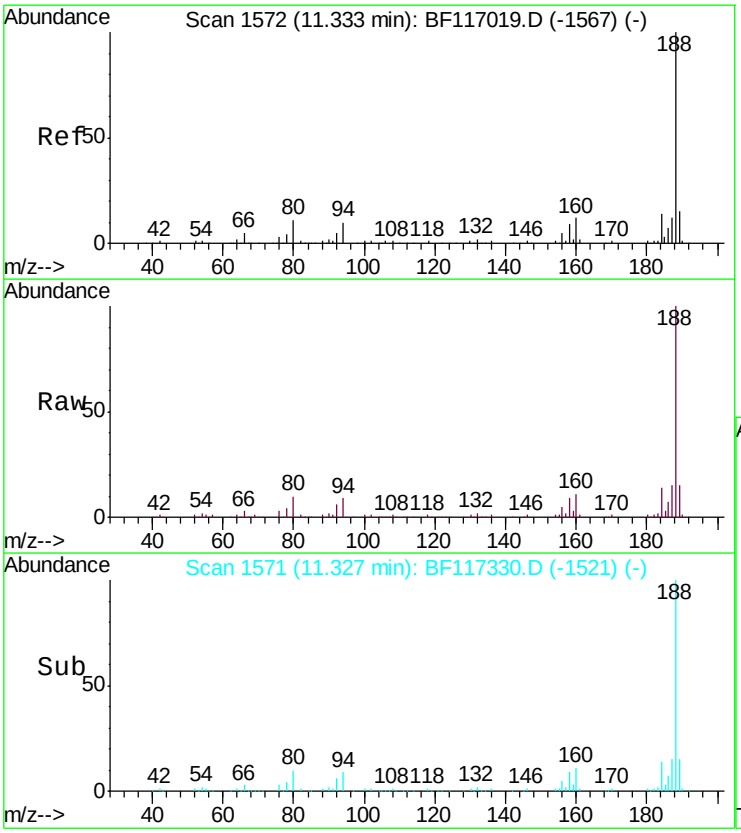
#57
2,4-Dinitrotoluene
Concen: 6.932 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-BRE

Tgt Ion:165 Resp: 13281

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#

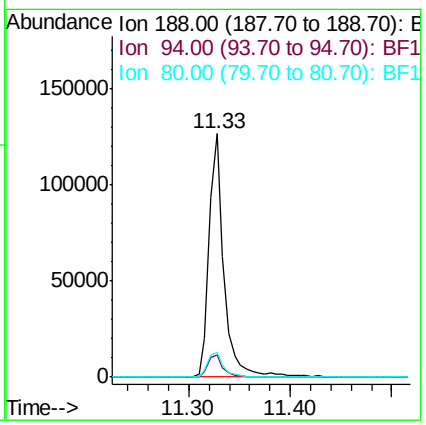


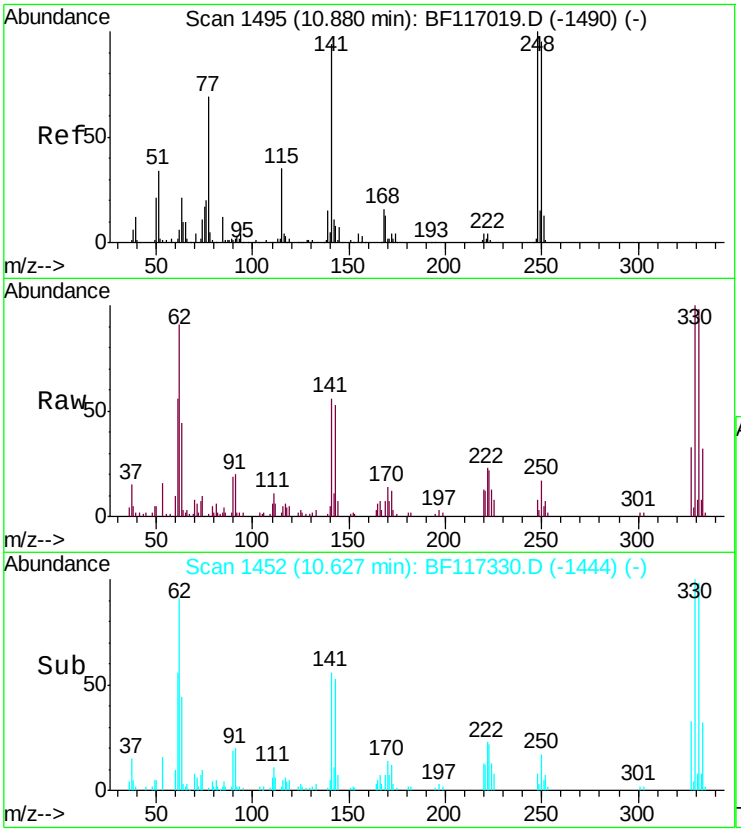


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Tgt Ion:188 Resp: 128775

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	10.3	9.0	13.6



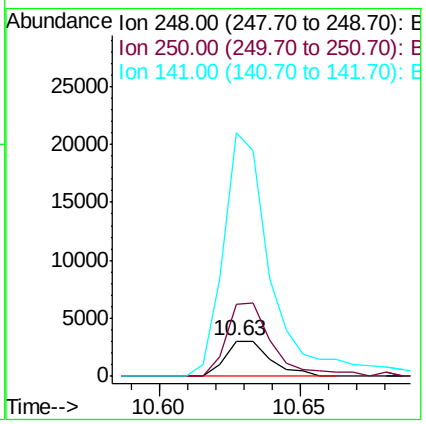


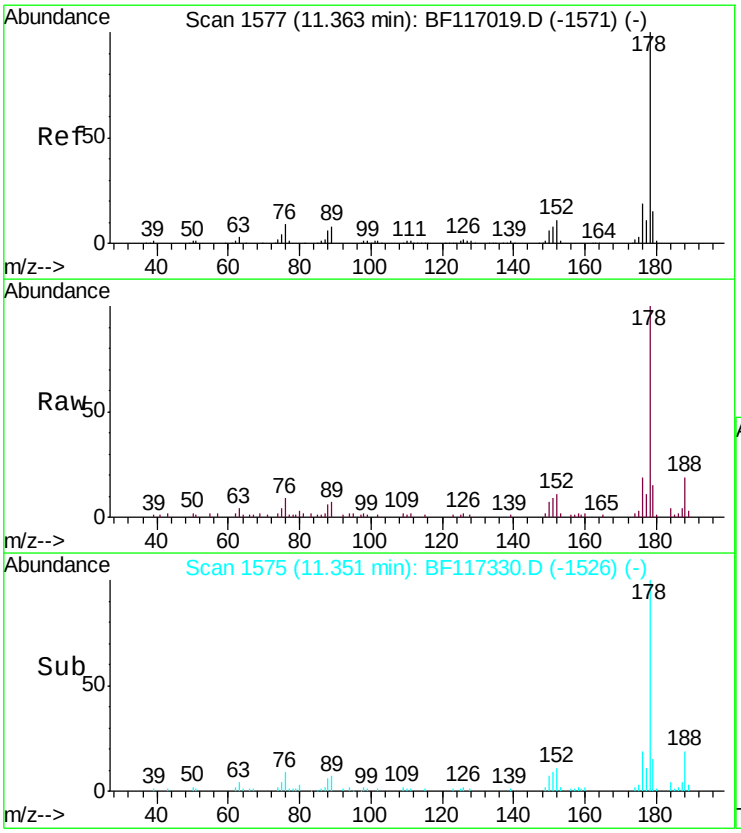
#67
4-Bromophenyl-phenylether
Concen: 2.589 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-BRE

Tgt Ion:248 Resp: 3405

Ion	Ratio	Lower	Upper
248	100		
250	207.4	76.2	114.4#
141	695.3	75.0	112.4#

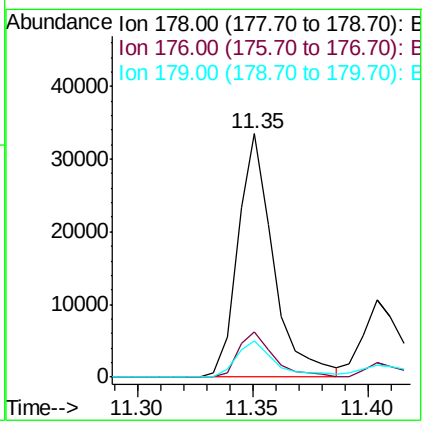


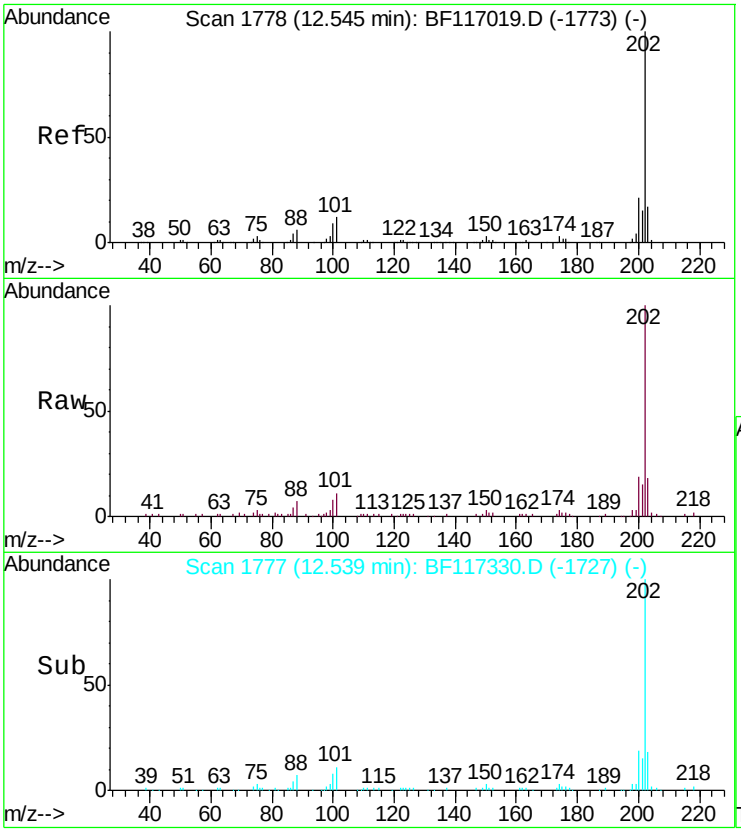


#71
Phenanthrene
Concen: 4.889 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Tgt Ion:178 Resp: 35757

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	14.9	12.4	18.6



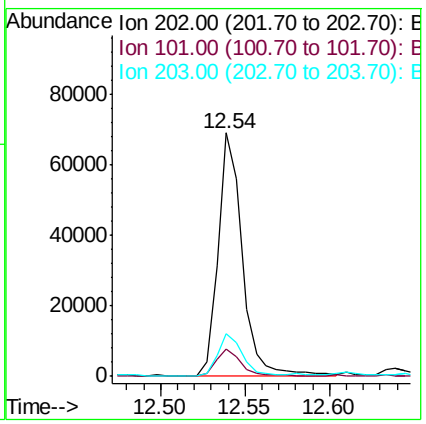


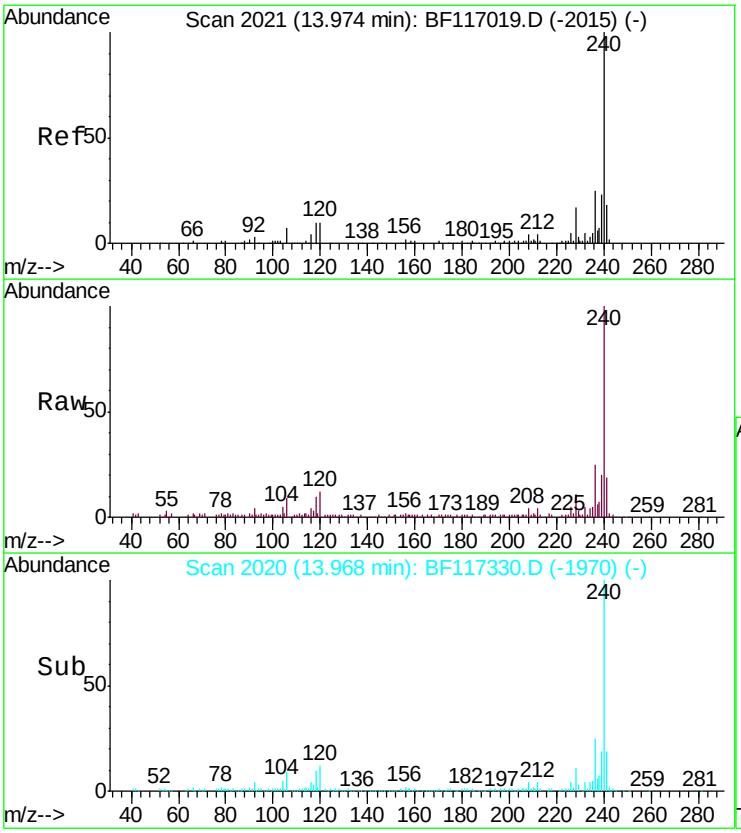
#75
Fluoranthene
Concen: 9.295 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-BRE

Tgt Ion:202 Resp: 69860

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	32.3
203	17.7	0.0	37.1

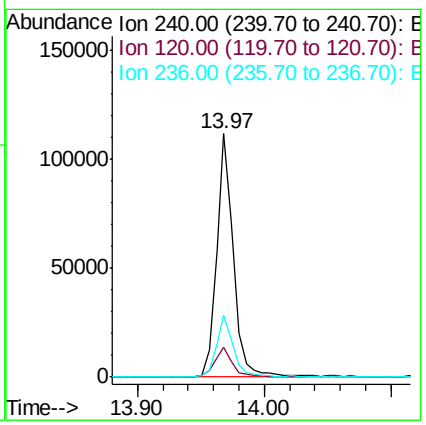


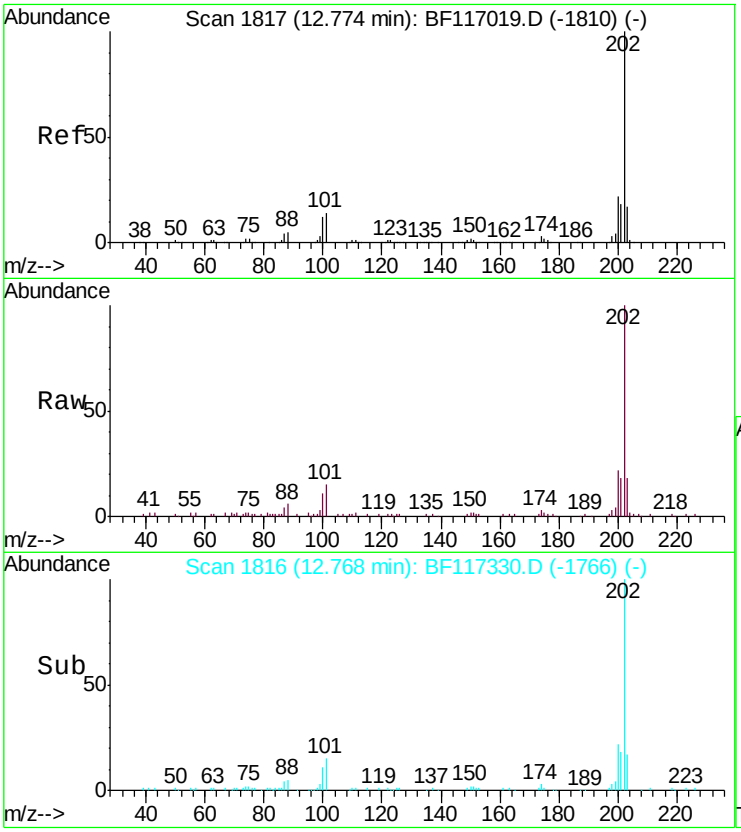


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Tgt Ion:240 Resp: 103695

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.3	12.5
236	25.2	20.3	30.5



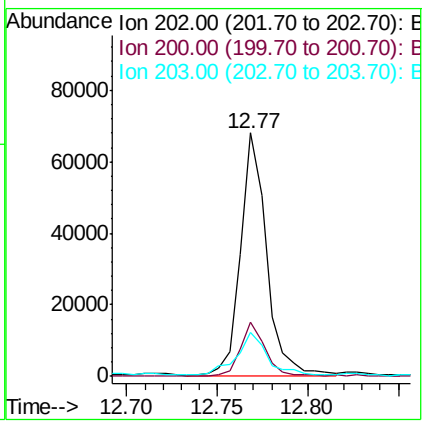


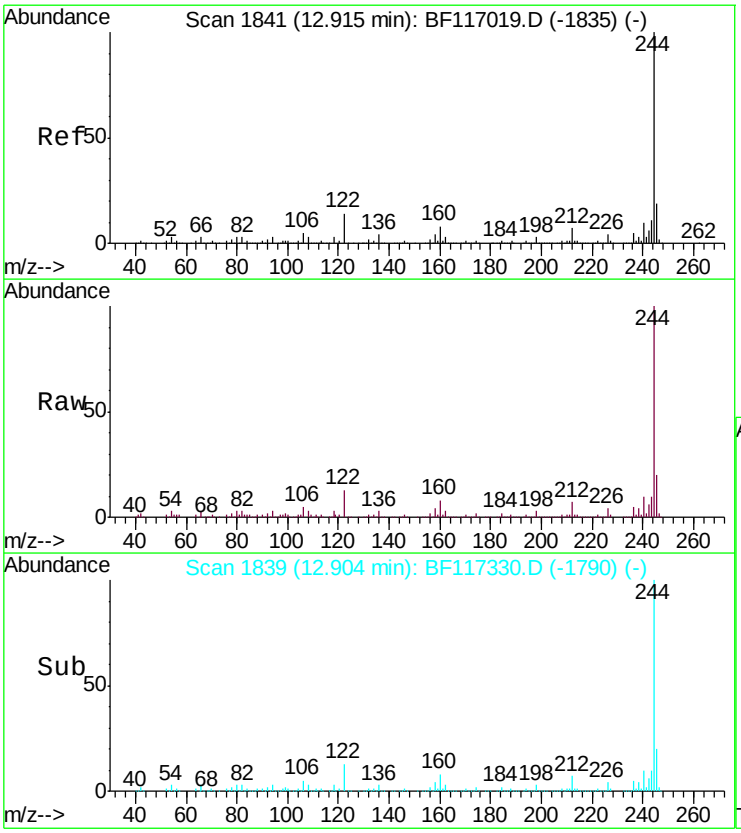
#78
Pyrene
Concen: 7.894 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-BRE

Tgt Ion:202 Resp: 68686

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.2	25.8
203	18.1	14.0	21.0

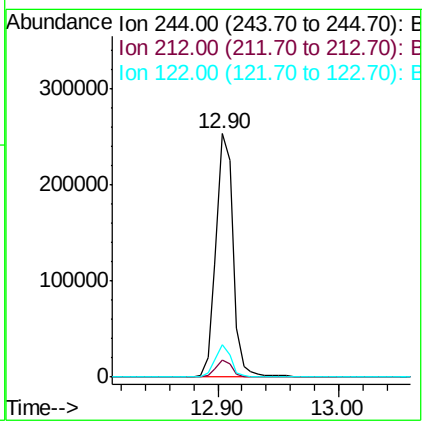


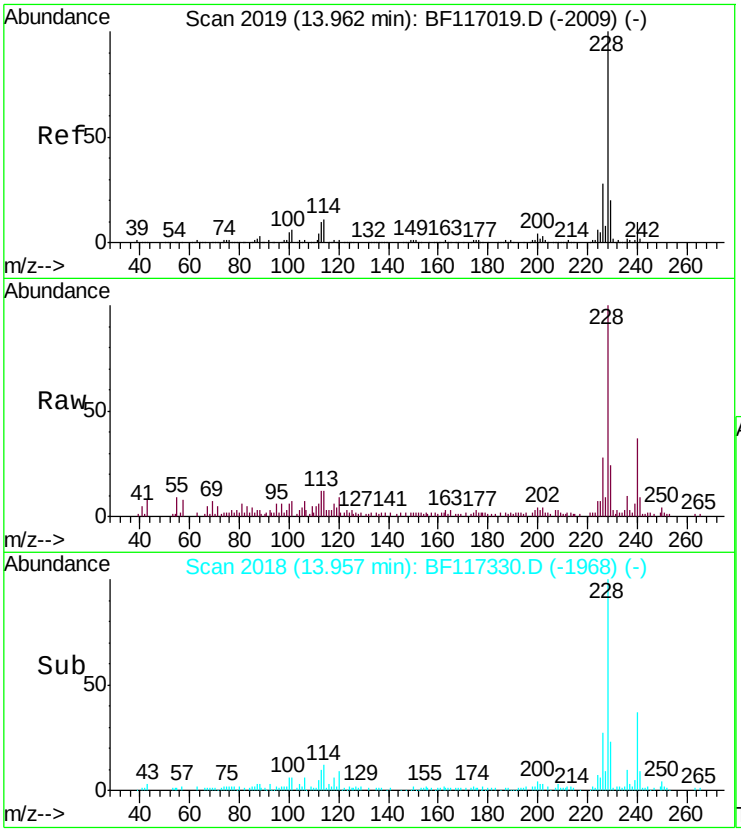


#79
Terphenyl-d14
Concen: 44.543 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Tgt Ion:244 Resp: 247103

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.3	11.3	16.9



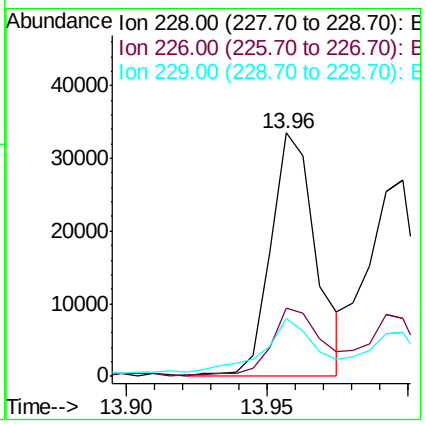


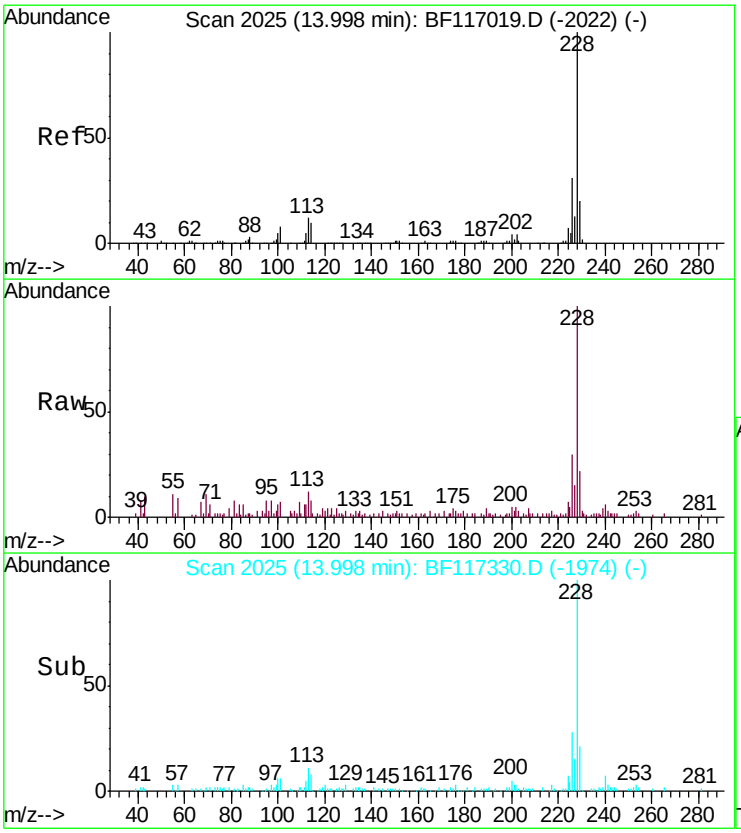
#81
Benzo(a)anthracene
Concen: 5.428 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-BRE

Tgt Ion:228 Resp: 37603

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.3	33.5
229	23.6	15.9	23.9

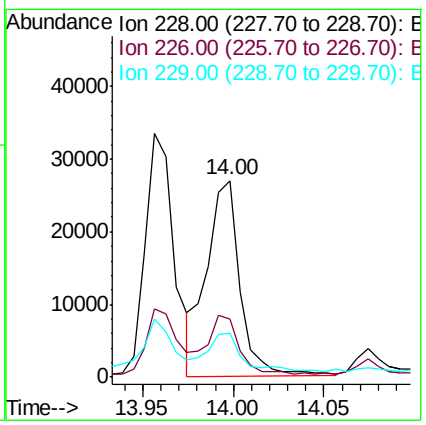


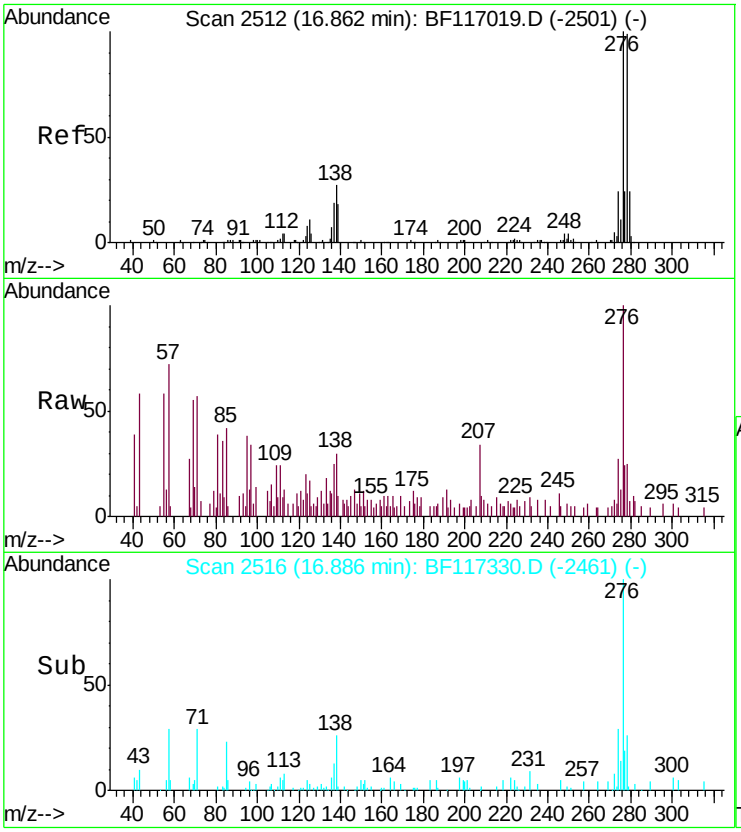


#83
Chrysene
Concen: 5.123 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Tgt Ion:228 Resp: 34616

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.8	37.2
229	22.4	15.8	23.8



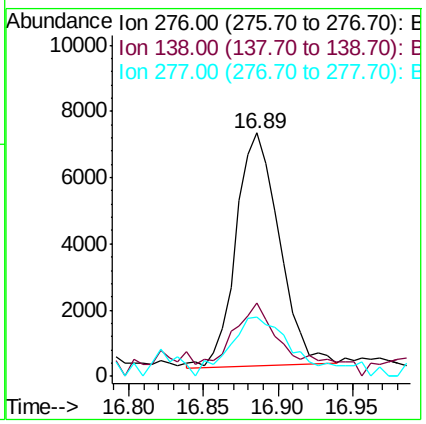


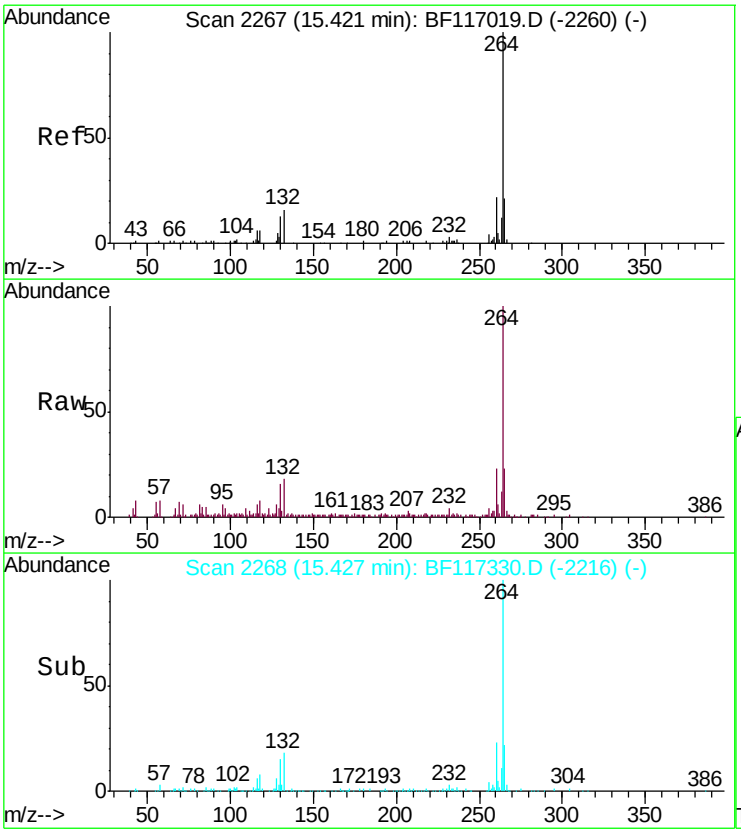
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.848 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.02 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-BRE

Tgt Ion:276 Resp: 14042

Ion	Ratio	Lower	Upper
276	100		
138	39.3	20.7	31.1#
277	39.7	19.8	29.8#

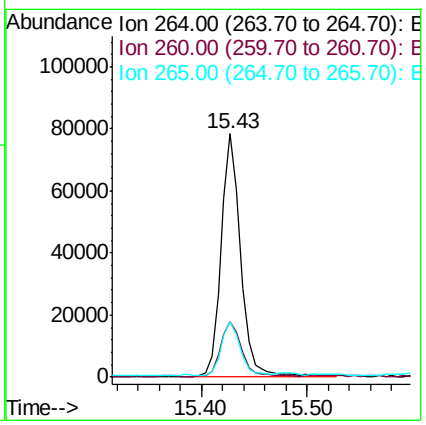


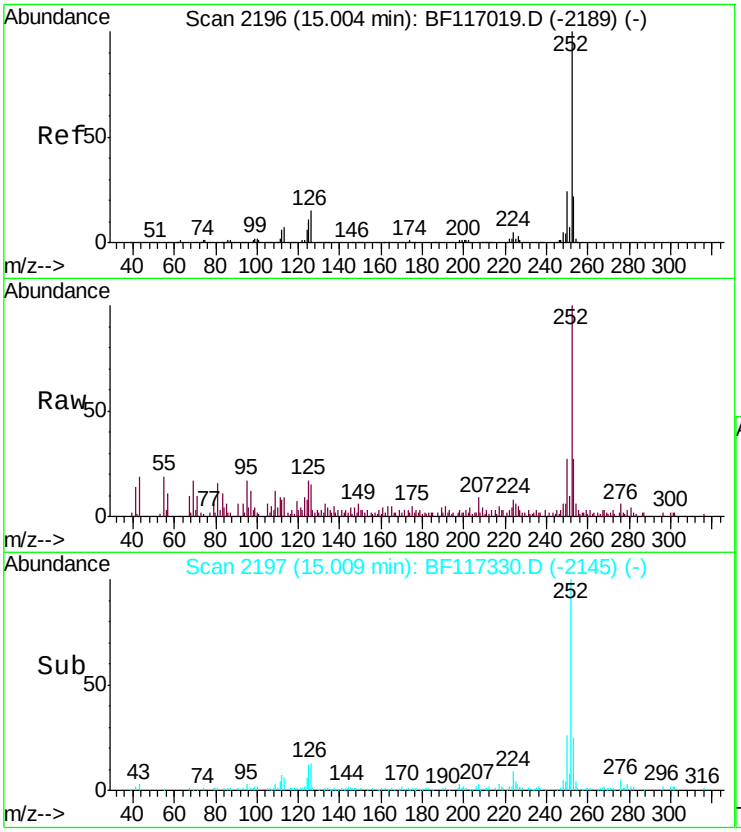


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Tgt Ion:264 Resp: 101467

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.6	26.4
265	22.7	16.6	24.8



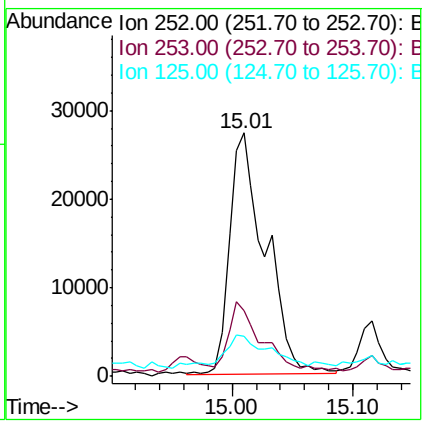


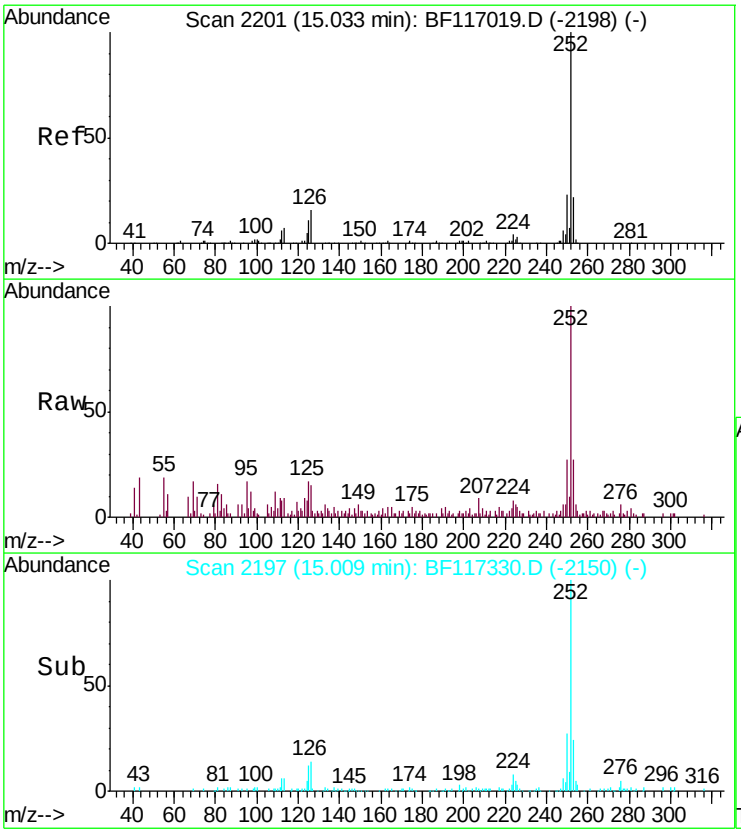
#88
Benzo(b)fluoranthene
Concen: 9.092 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-BRE

Tgt Ion:252 Resp: 55883

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.6	26.4#
125	16.6	8.6	12.8#

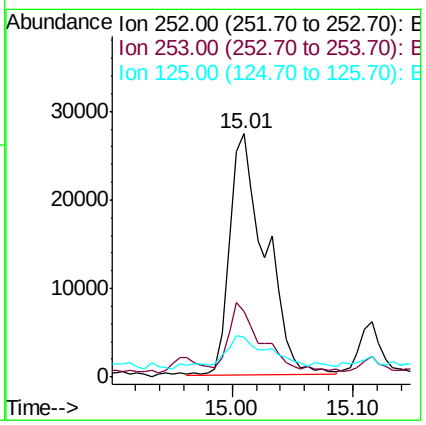


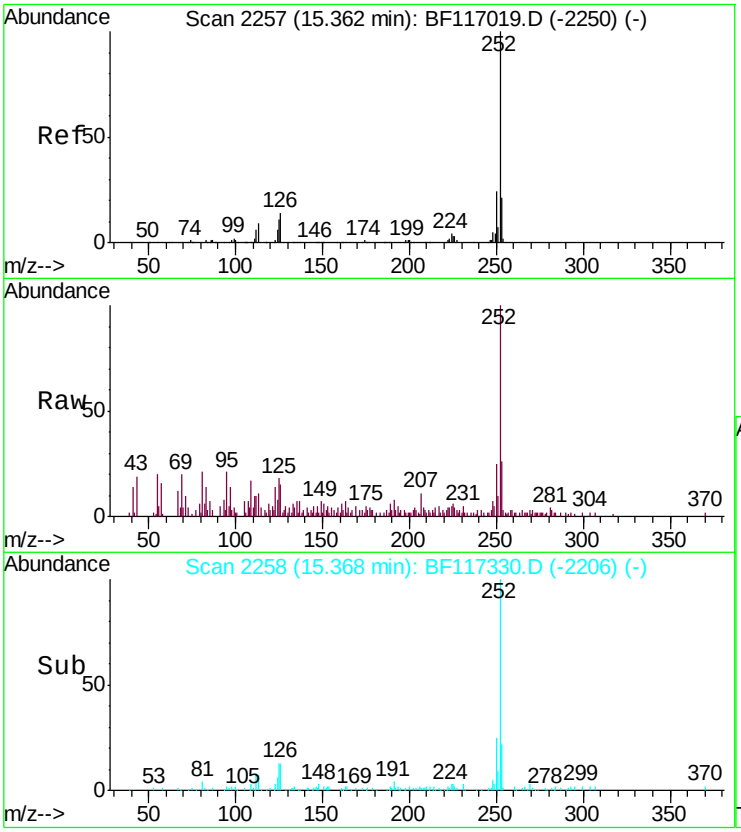


#89
Benzo(k)fluoranthene
Concen: 9.598 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Tgt Ion:252 Resp: 55883

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.4	26.2#
125	16.6	8.8	13.2#



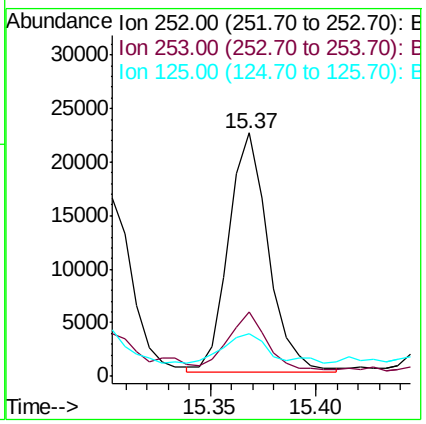


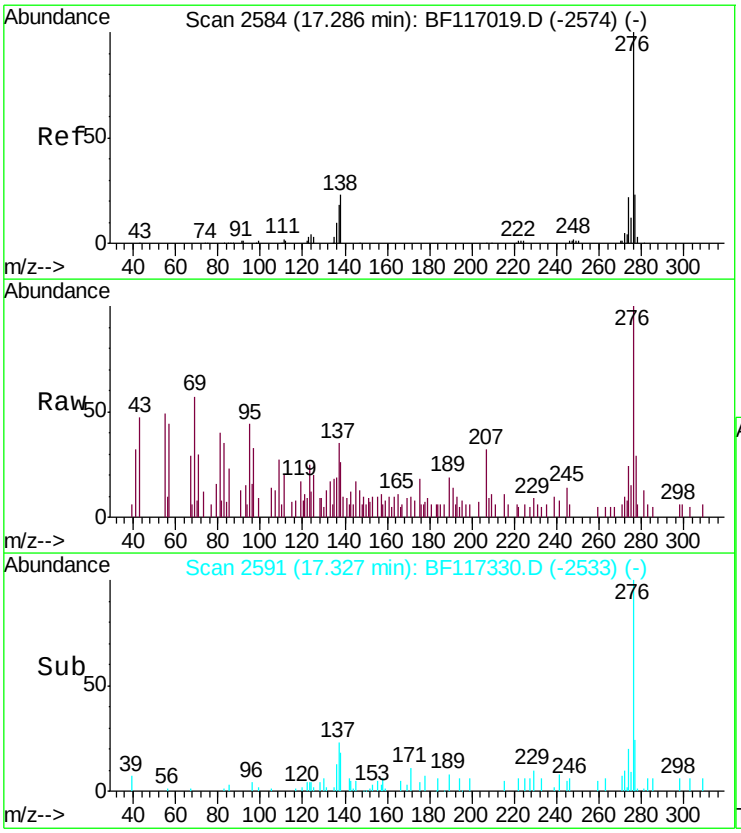
#90
Benzo(a)pyrene
Concen: 5.386 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-047-BRE

Tgt Ion:252 Resp: 29049

Ion	Ratio	Lower	Upper
252	100		
253	26.4	16.6	25.0#
125	17.5	8.9	13.3#





#92
Benzo(g,h,i)perylene
Concen: 3.663 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.04 min
Lab File: BF117330.D
Acq: 3 Oct 2019 21:32

Tgt Ion:276 Resp: 15681

Ion	Ratio	Lower	Upper
276	100		
277	29.2	18.6	27.8#
138	26.1	18.0	27.0