Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
Data File : BF114909.D
Acq On : 8 Jun 2019 00:06
Operator : HP/JU
Sample : K3247-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-041-B

Quant Time: Jun 08 05:19:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	350710	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	1303874	20.00	ng		-0.01
39) Acenaphthene-d10	9.69	164	623933	20.00	ng		-0.01
64) Phenanthrene-d10	11.16	188	1090201	20.00	ng		-0.01
76) Chrysene-d12	13.77	240	680504	20.00	ng		-0.02
87) Perylene-d12	15.16	264	714075	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	2014242	100.36	ng		0.01
7) Phenol-d6	6.31	99	2432134	99.59	ng		0.00
23) Nitrobenzene-d5	7.22	82	1504079	71.01	ng		-0.01
42) 2,4,6-Tribromophenol	10.47	330	624286	92.85	ng		-0.01
45) 2-Fluorobiphenyl	9.02	172	2472889	74.25	ng		-0.01
79) Terphenyl-d14	12.74	244	2054367	58.71	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.32	94	70254	2.515	ng		79
19) n-Nitroso-di-n-propylamine	7.22	70	205013	12.681	ng	#	77
25) Isophorone	7.22	82	1482905	35.414	ng	#	61
50) Dimethylphthalate	9.41	163	379883	8.336	ng		97
57) 2,4-Dinitrotoluene	9.69	165	82231	6.104	ng	#	32
58) Fluorene	10.23	166	21569	Below Cal			98
67) 4-Bromophenyl-phenylether	10.47	248	41432	3.346	ng	#	1
71) Phenanthrene	11.18	178	449949	8.645	ng		96
75) Fluoranthene	12.36	202	780860	14.415	ng		94
78) Pyrene	12.59	202	822789	13.937	ng		95
81) Benzo(a)anthracene	13.77	228	390513	7.447	ng		99
83) Chrysene	13.80	228	378519	7.420	ng		96
86) Indeno(1,2,3-cd)pyrene	16.45	276	151121	2.596	ng		98
88) Benzo(b)fluoranthene	14.77	252	556639	12.245	ng		98
89) Benzo(k)fluoranthene	14.77	252	556639	14.419	ng		99
90) Benzo(a)pyrene	15.10	252	299196	7.604	ng		99
92) Benzo(g,h,i)perylene	16.84	276	141012	3.763	ng		97

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

Quantitation Report (Not Reviewed)

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FK-GF-02-041-B

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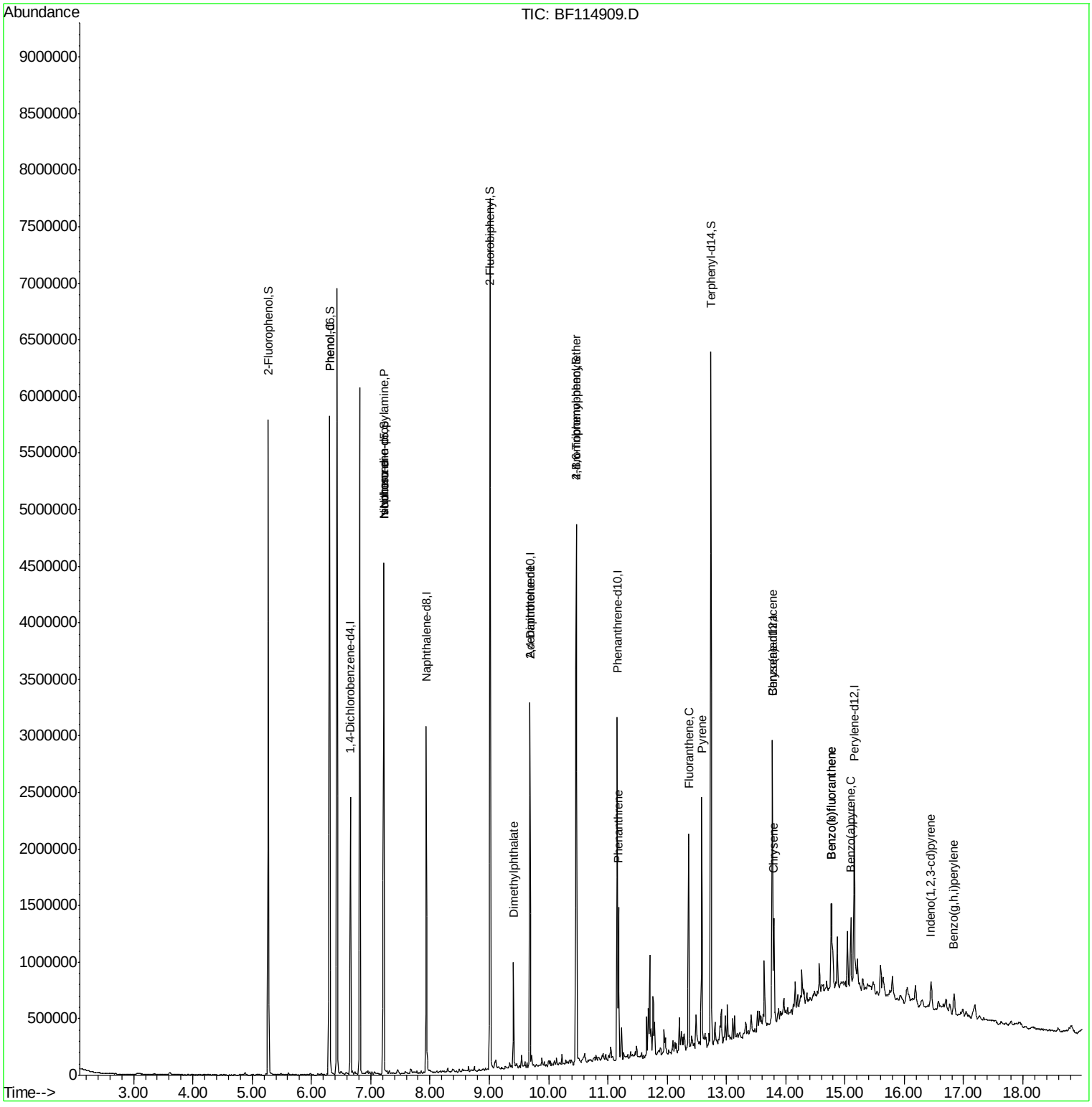
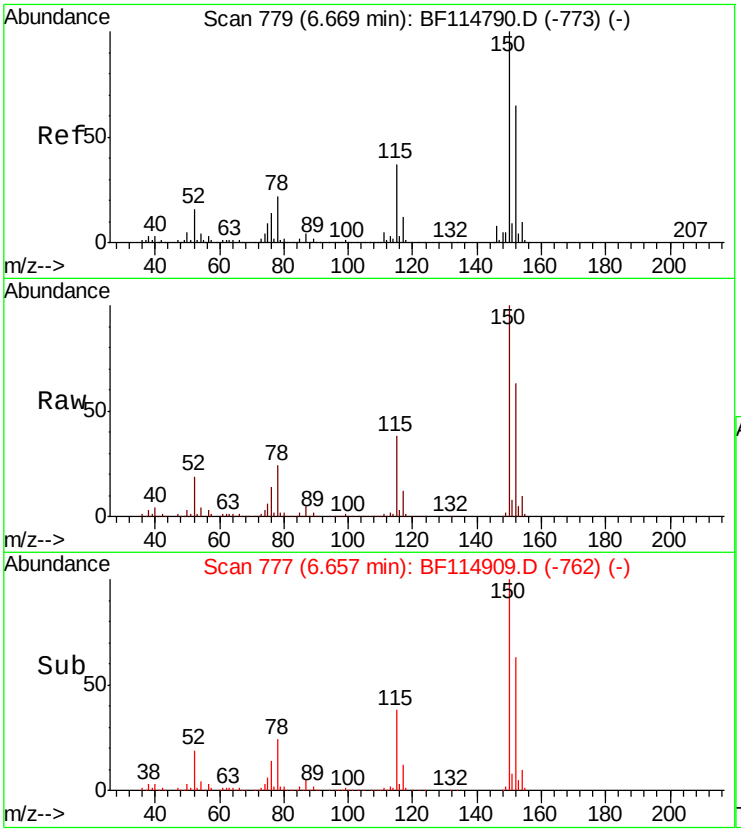


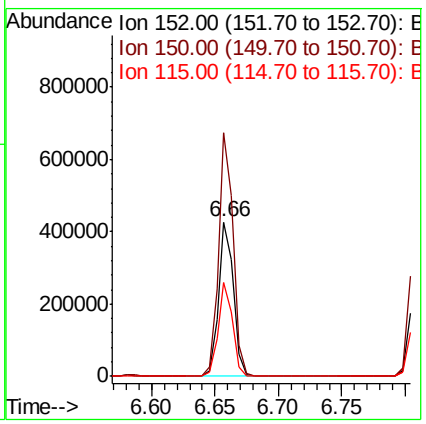


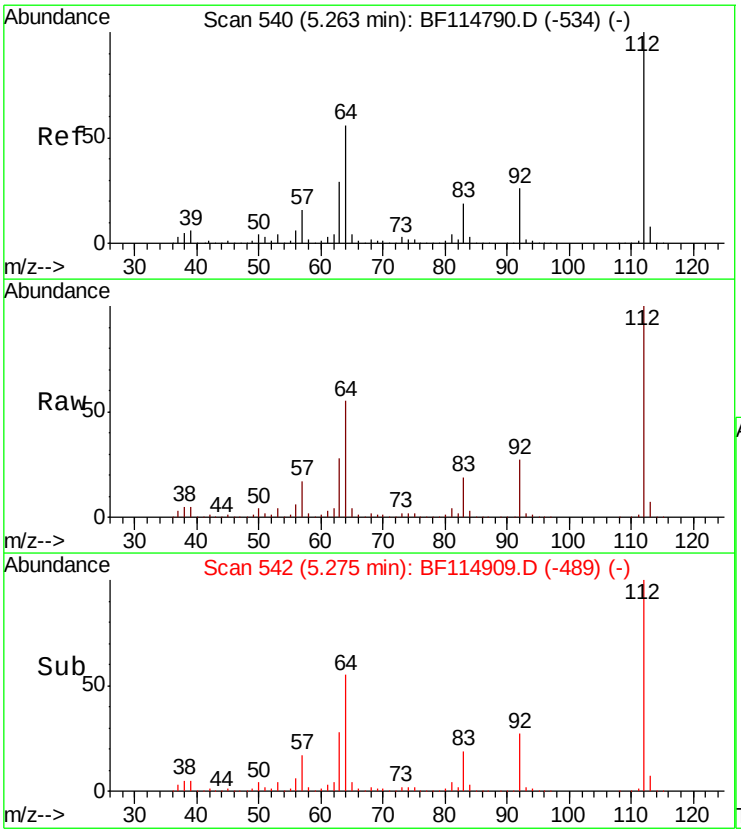
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-B

Tgt Ion:152 Resp: 350710

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.0	186.0
115	60.5	46.3	69.5

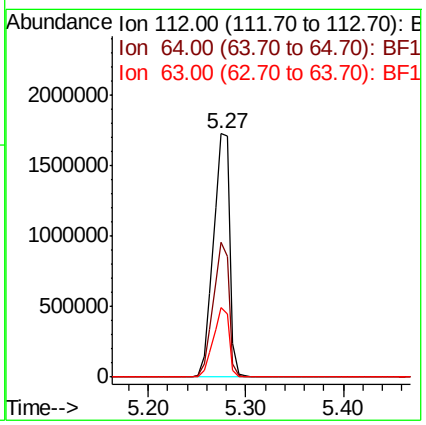


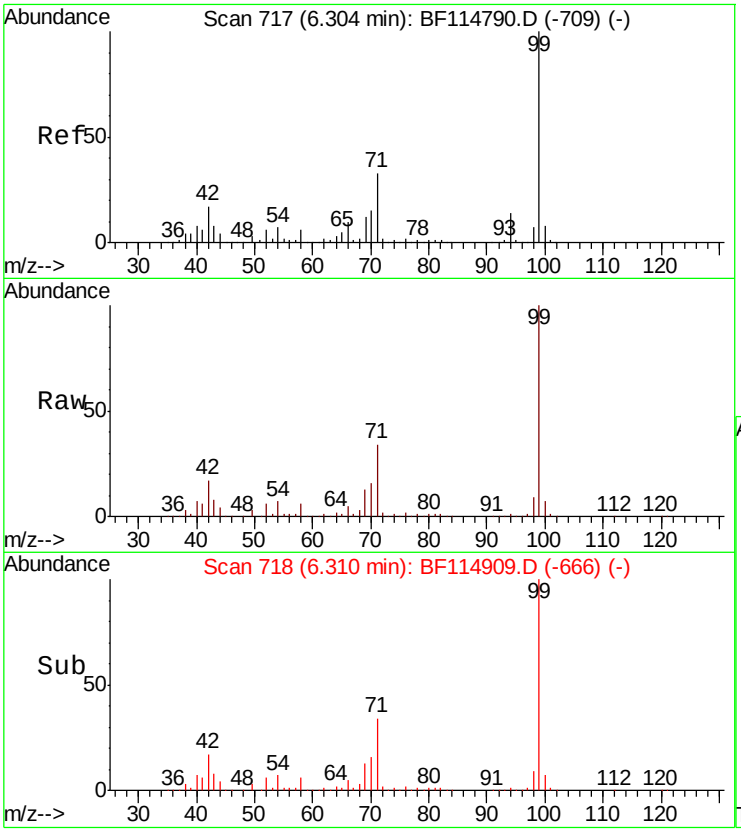


#5
2-Fluorophenol
Concen: 100.356 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Tgt Ion:112 Resp: 2014242

Ion	Ratio	Lower	Upper
112	100		
64	55.5	44.6	66.8
63	28.5	23.0	34.4



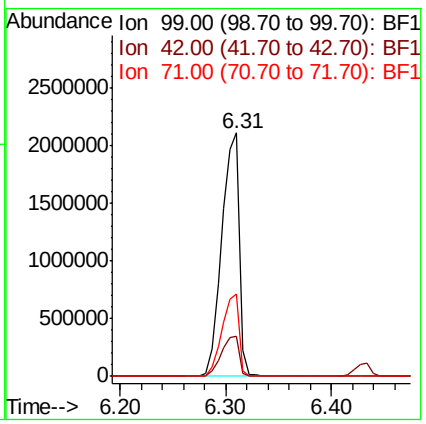


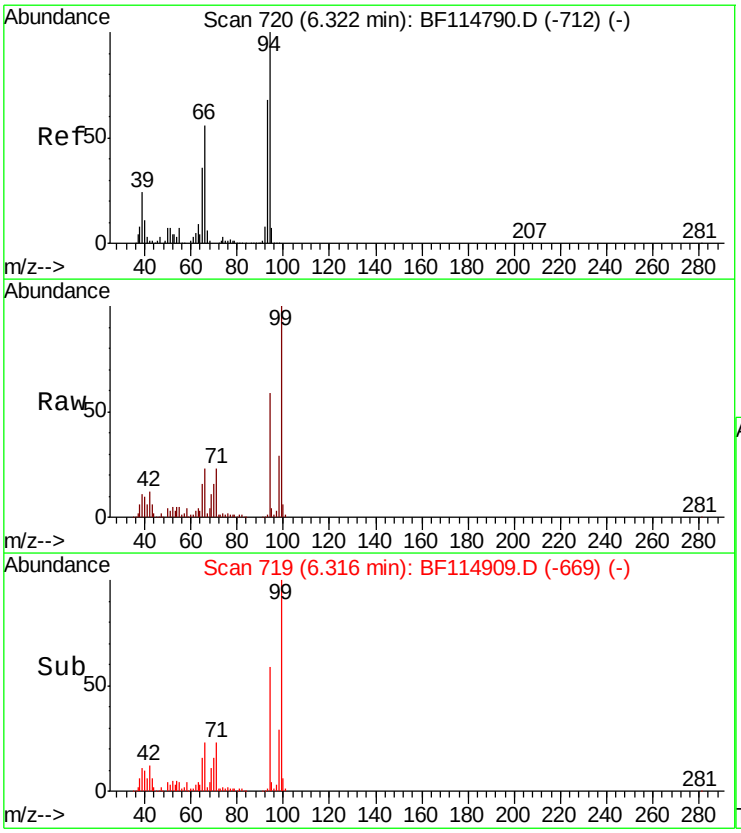
#7
Phenol-d6
Concen: 99.586 ng
RT: 6.31 min Scan# 718
Delta R.T. 0.01 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-B

Tgt Ion: 99 Resp: 2432134

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.3	19.9
71	33.8	26.3	39.5

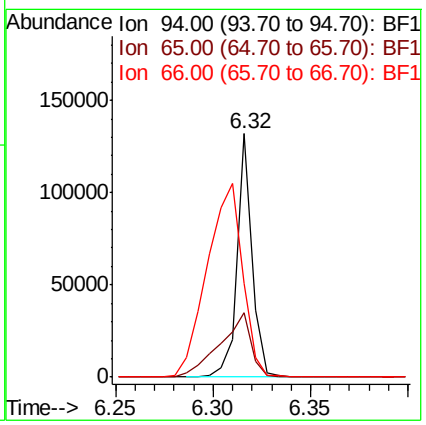


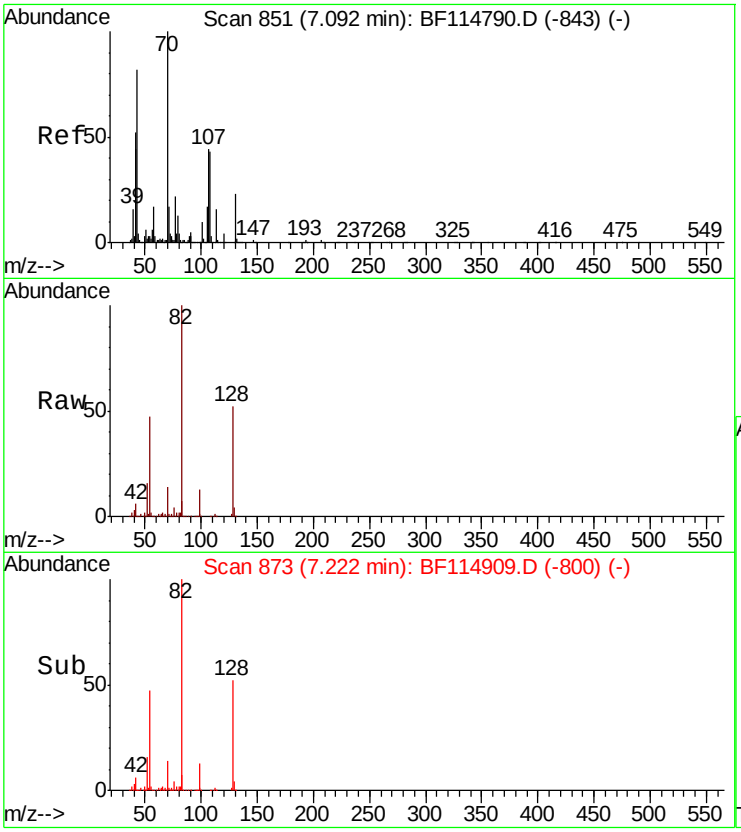


#10
Phenol
Concen: 2.515 ng
RT: 6.32 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Tgt Ion: 94 Resp: 70254

Ion	Ratio	Lower	Upper
94	100		
65	26.5	16.1	56.1
66	38.6	36.3	76.3



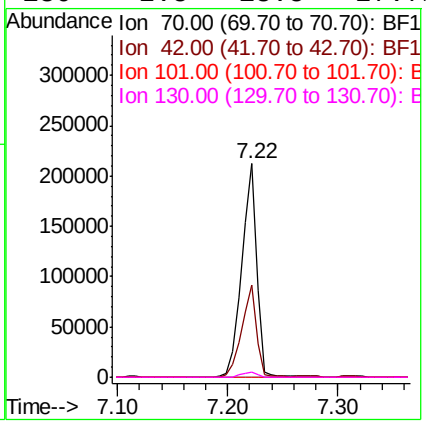


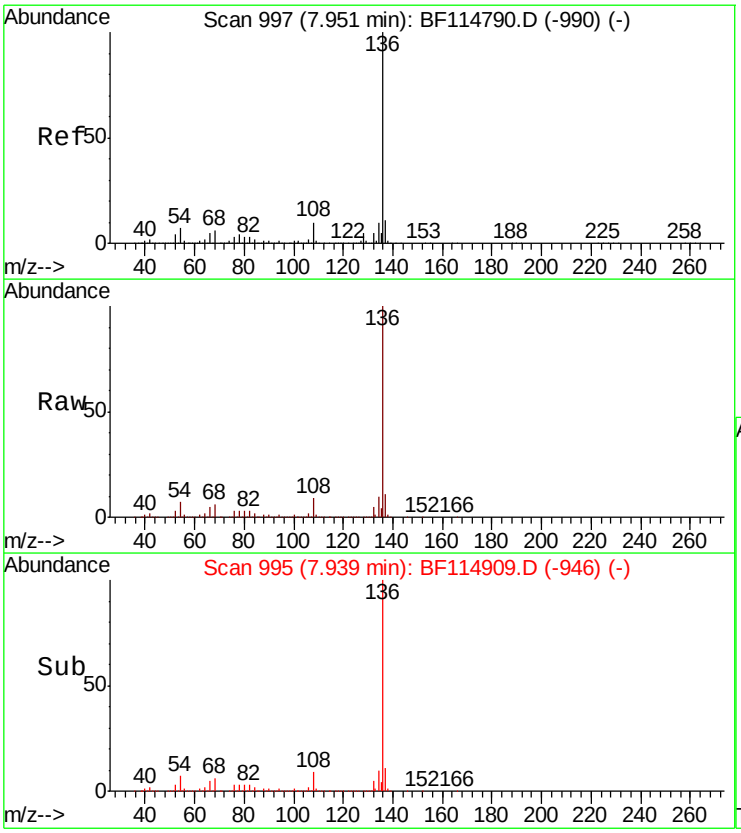
#19
n-Nitroso-di-n-propylamine
Concen: 12.681 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.13 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-B

Tgt Ion: 70 Resp: 205013

Ion	Ratio	Lower	Upper
70	100		
42	43.2	41.8	62.8
101	0.0	8.2	12.4#
130	2.5	18.5	27.7#

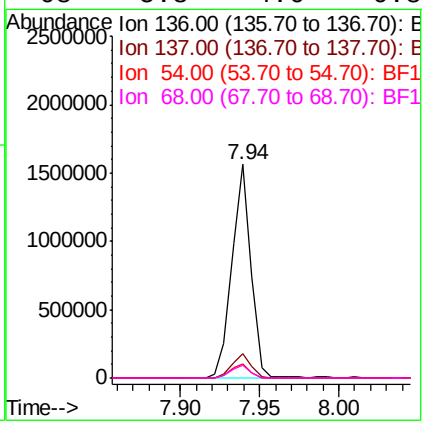


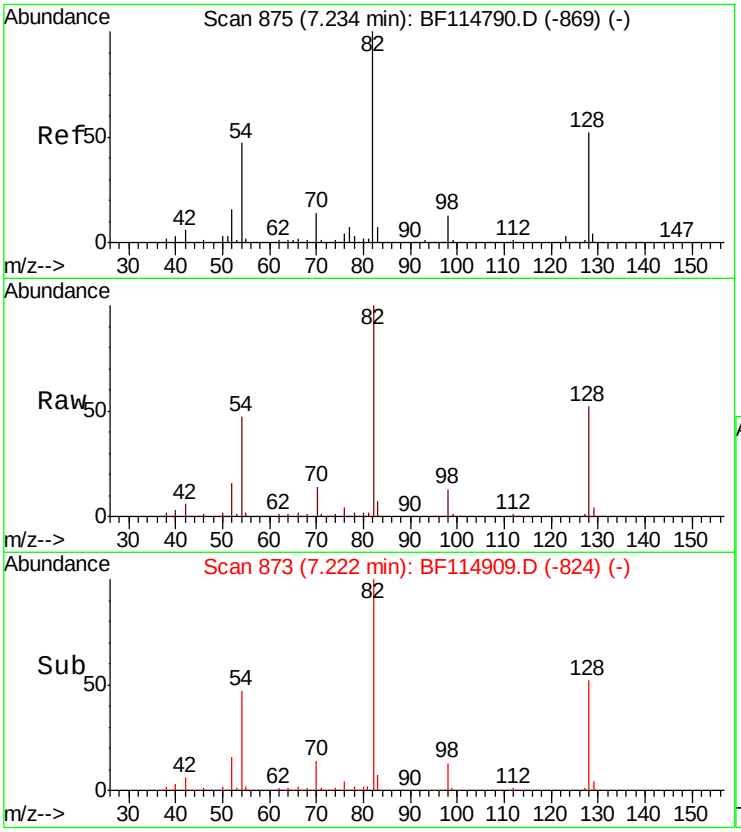


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Tgt Ion:136 Resp: 1303874

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.7	5.4	8.0
68	5.8	4.6	6.8



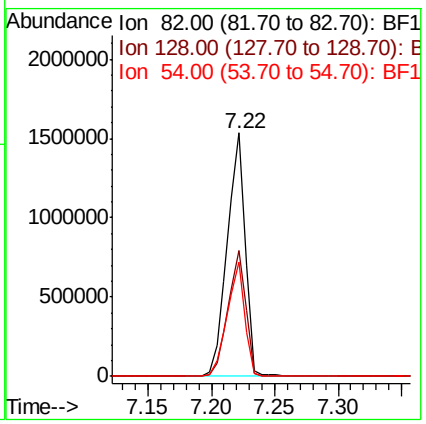


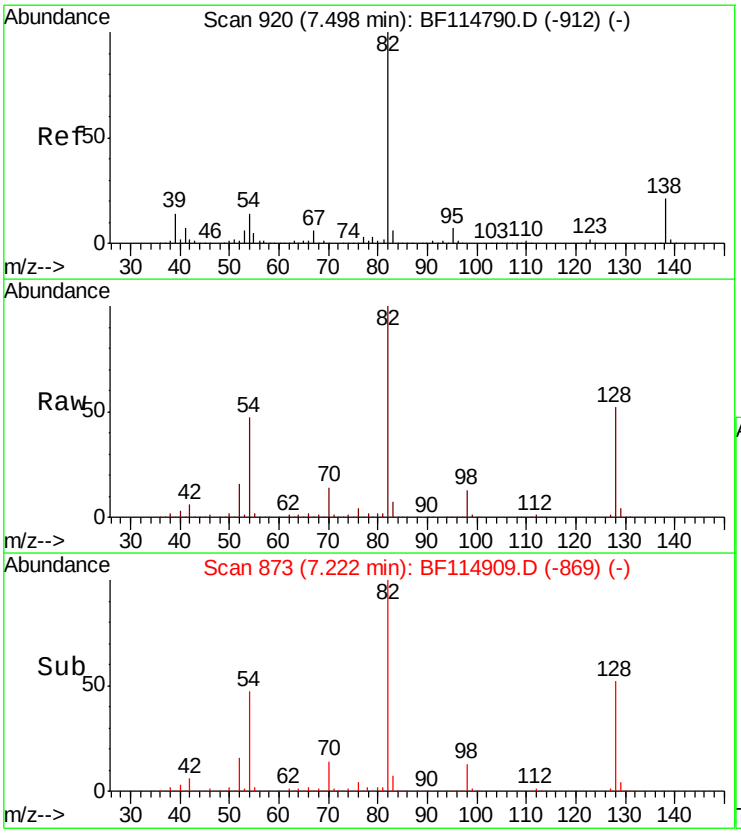
#23
Nitrobenzene-d5
Concen: 71.011 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-B

Tgt Ion: 82 Resp: 1504079

Ion	Ratio	Lower	Upper
82	100		
128	51.8	41.8	62.6
54	47.2	37.9	56.9

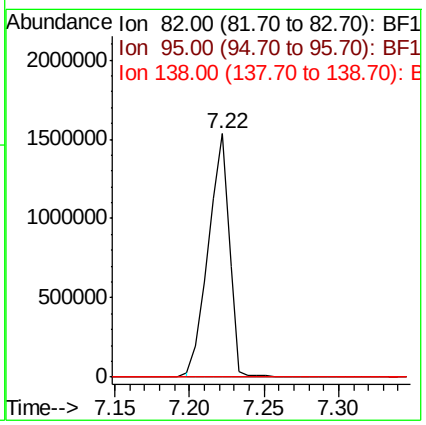


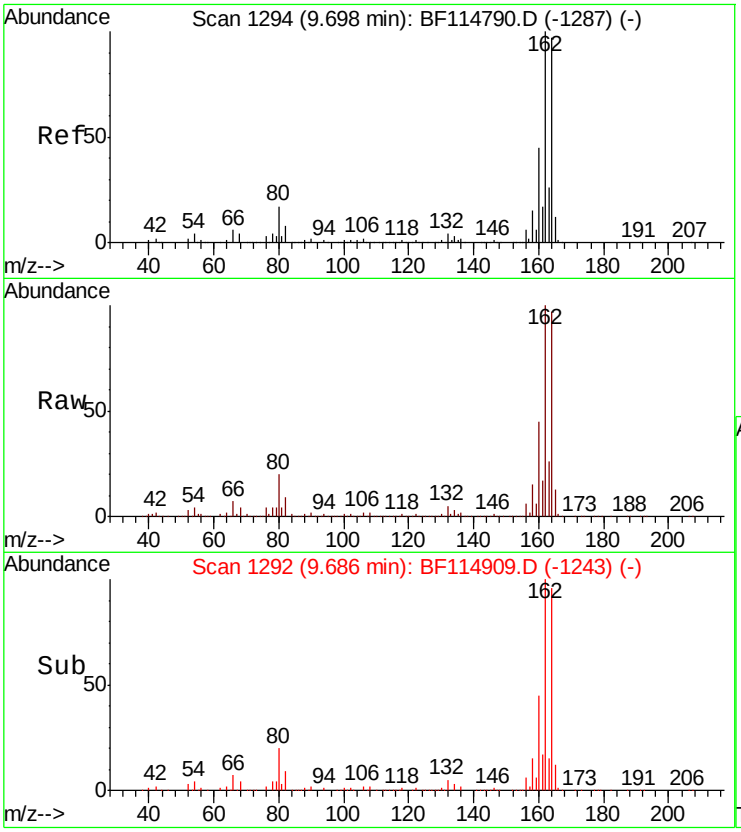


#25
Isophorone
Concen: 35.414 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.28 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Tgt Ion: 82 Resp: 1482905

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.8#
138	0.0	16.9	25.3#



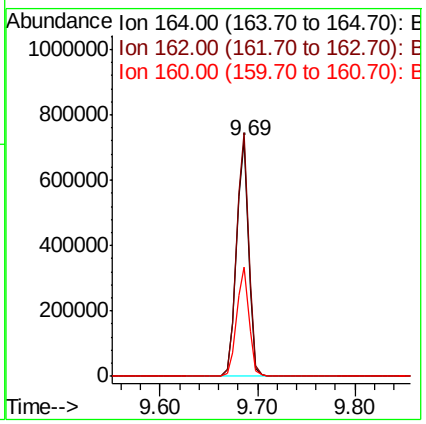


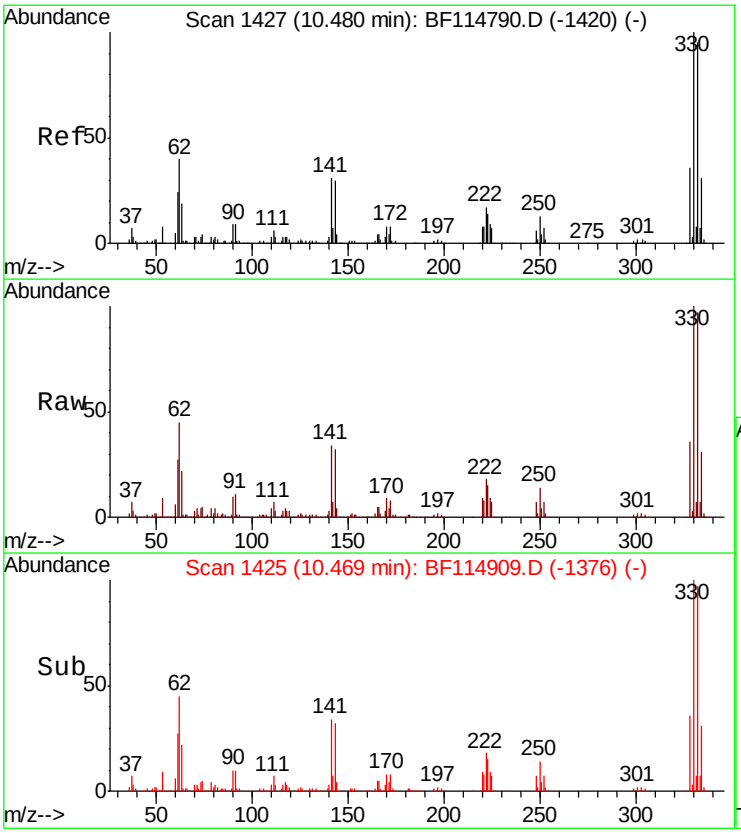
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-B

Tgt Ion:164 Resp: 623933

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.3	123.5
160	46.1	36.7	55.1

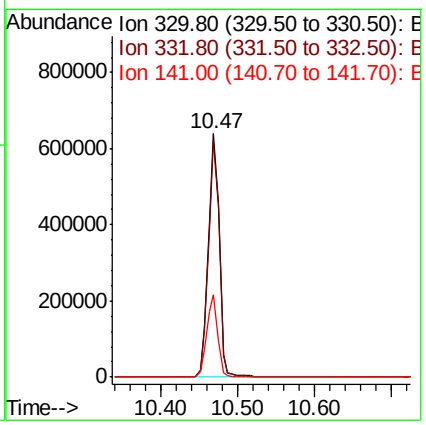


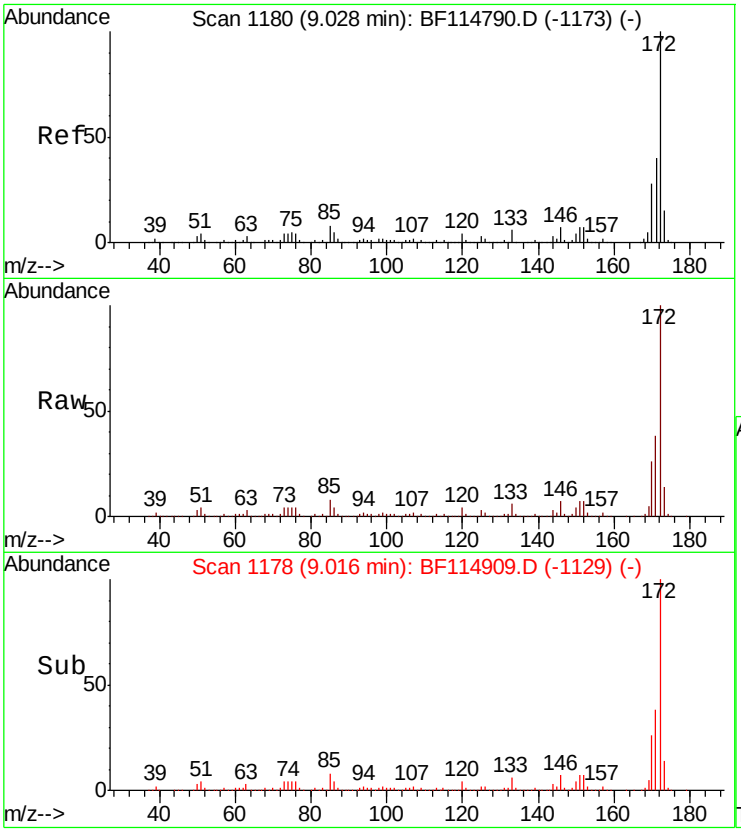


#42
2,4,6-Tribromophenol
Concen: 92.846 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Tgt Ion:330 Resp: 624286

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	33.6	26.2	39.4



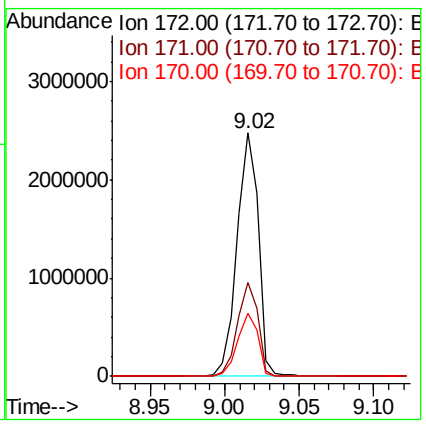


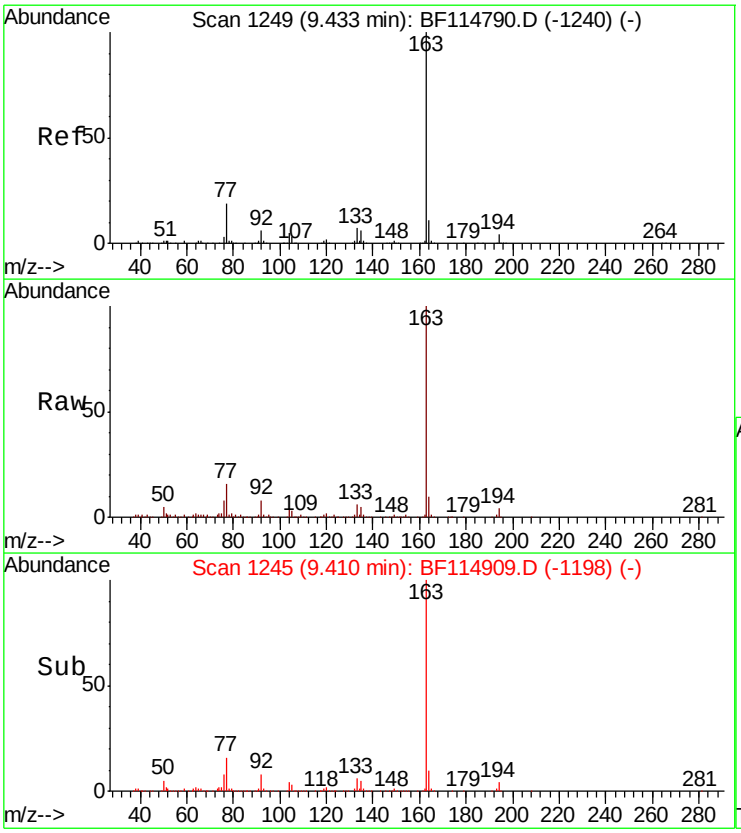
#45
2-Fluorobiphenyl
Concen: 74.245 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-B

Tgt Ion:172 Resp: 2472889

Ion	Ratio	Lower	Upper
172	100		
171	38.4	32.3	48.5
170	26.0	22.4	33.6

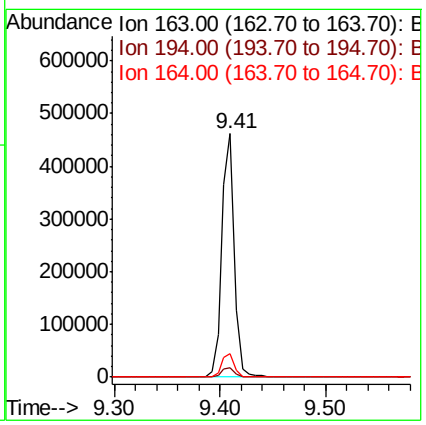


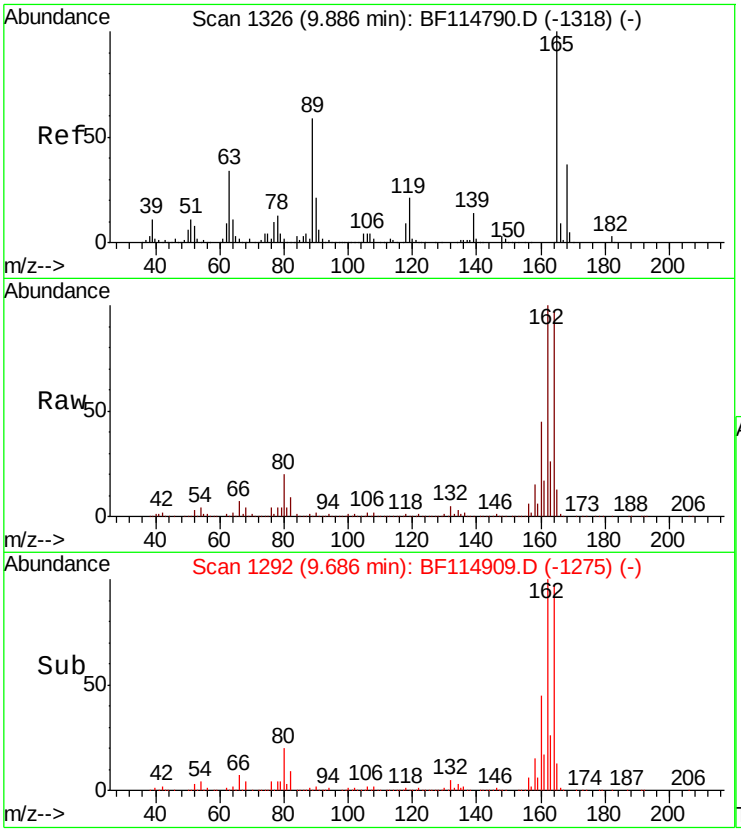


#50
Dimethylphthalate
Concen: 8.336 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Tgt Ion:163 Resp: 379883

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.2
164	9.6	8.6	13.0



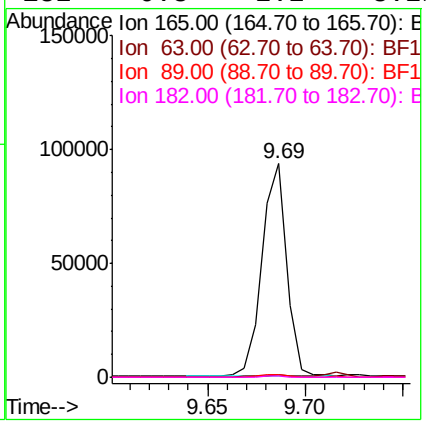


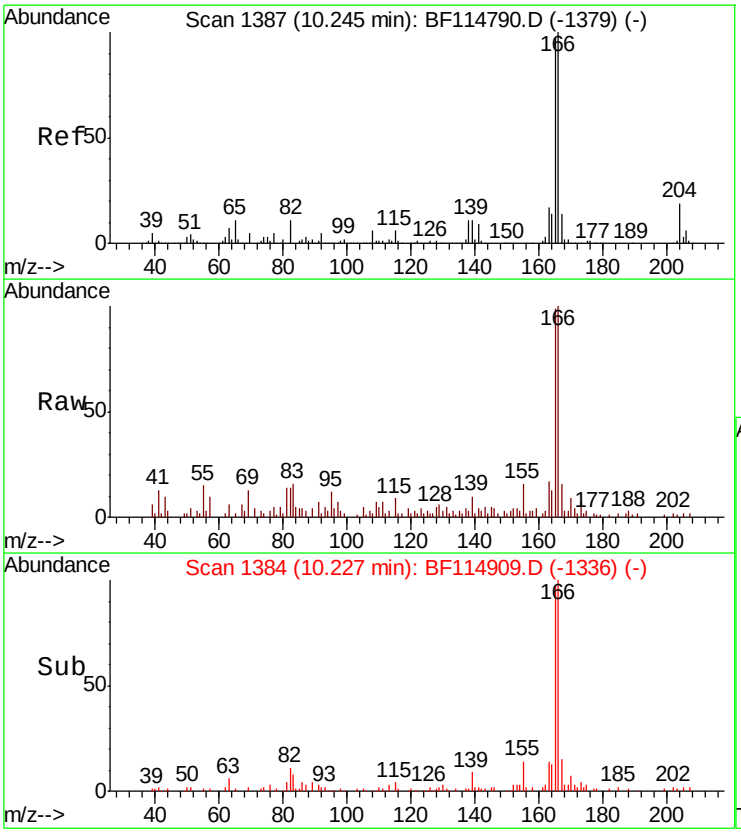
#57
2,4-Dinitrotoluene
Concen: 6.104 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.20 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-B

Tgt Ion:165 Resp: 82231

Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.0	40.4#
89	1.5	47.0	70.6#
182	0.3	2.2	3.2#

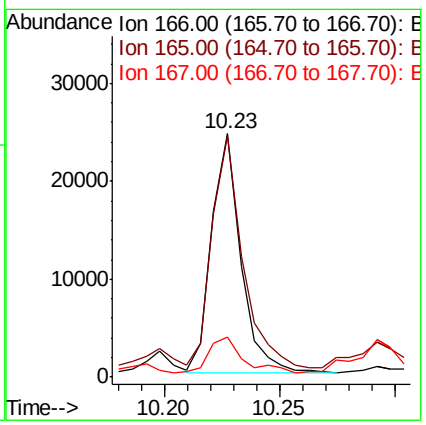


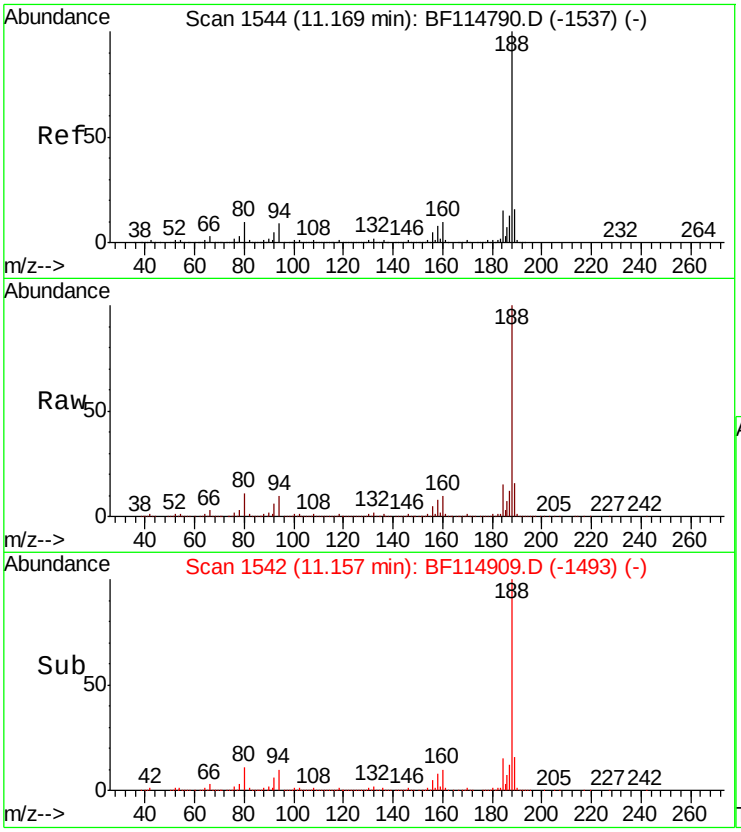


#58
Fluorene
Concen: Below Cal
RT: 10.23 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Tgt Ion:166 Resp: 21569

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.9	116.9
167	16.4	11.3	16.9



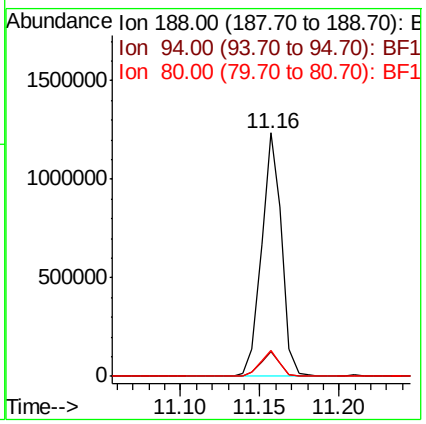


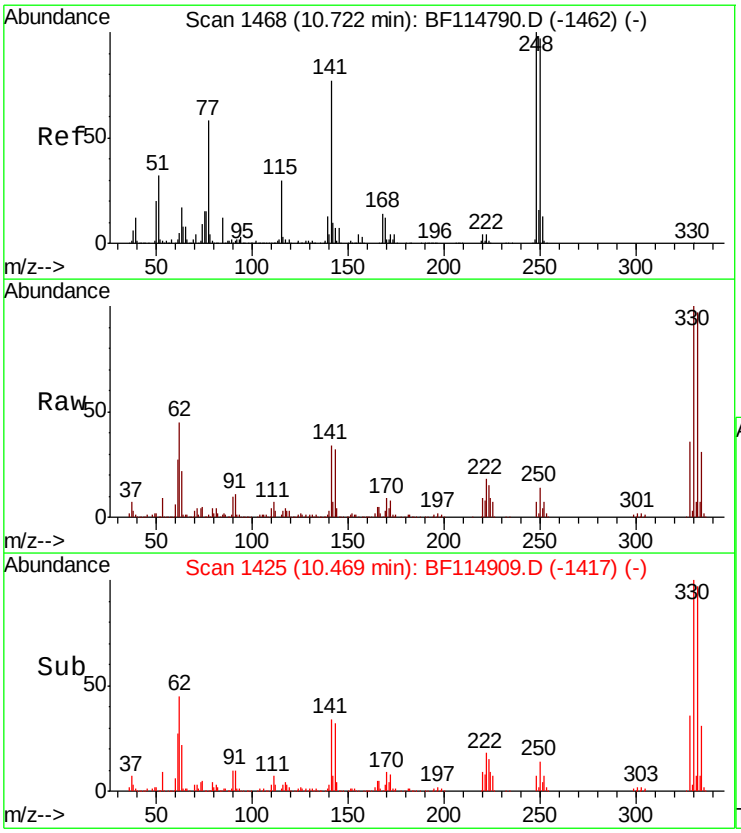
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-B

Tgt Ion:188 Resp: 1090201

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.6	11.4
80	10.9	8.3	12.5

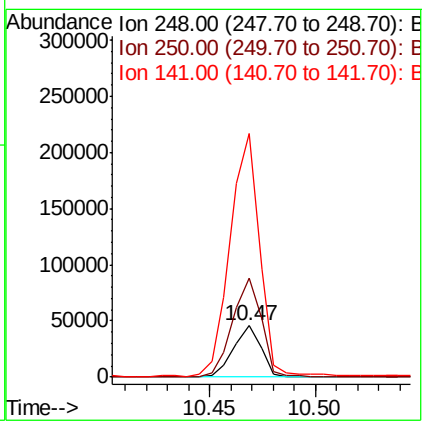


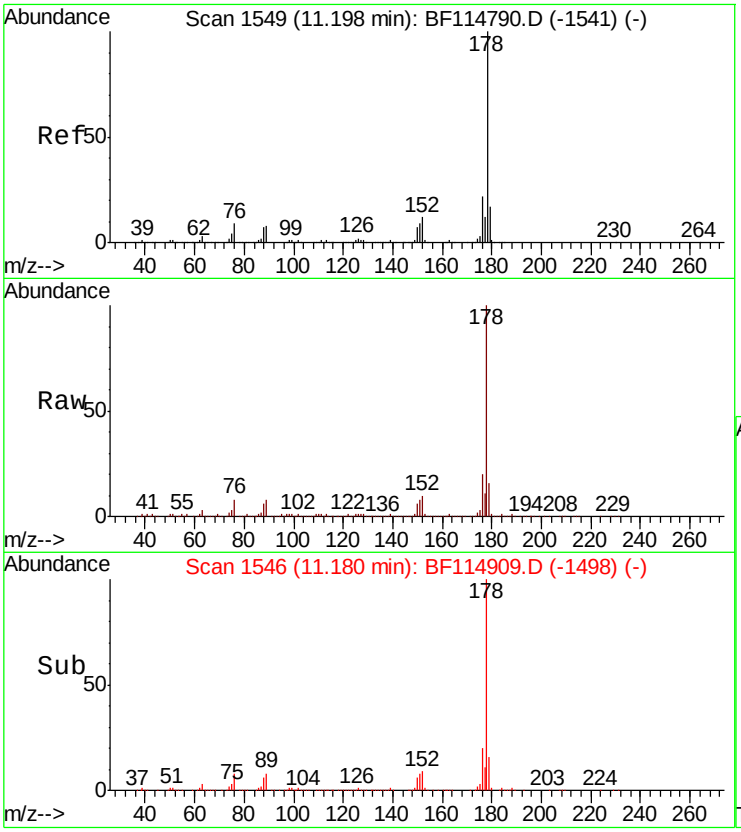


#67
4-Bromophenyl-phenylether
Concen: 3.346 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.25 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Tgt Ion:248 Resp: 41432

Ion	Ratio	Lower	Upper
248	100		
250	193.3	77.5	116.3#
141	473.3	61.8	92.8#



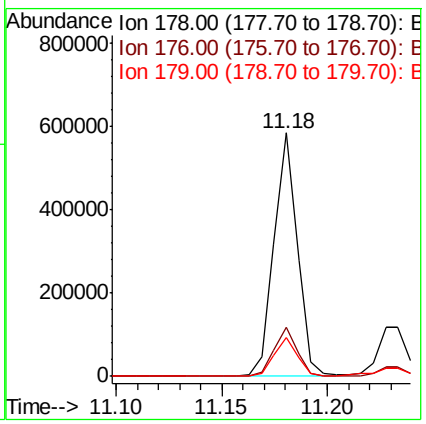


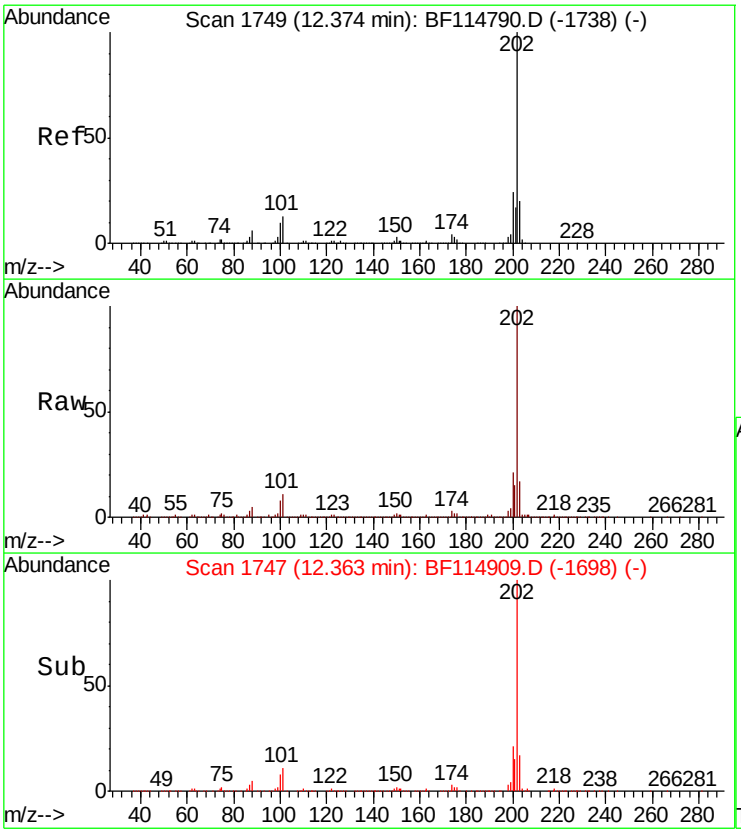
#71
Phenanthrene
Concen: 8.645 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-B

Tgt Ion:178 Resp: 449949

Ion	Ratio	Lower	Upper
178	100		
176	19.9	17.7	26.5
179	15.8	13.7	20.5

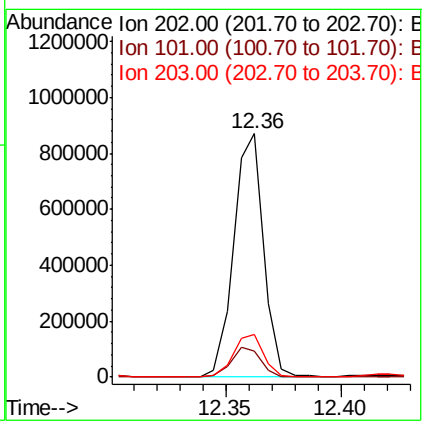


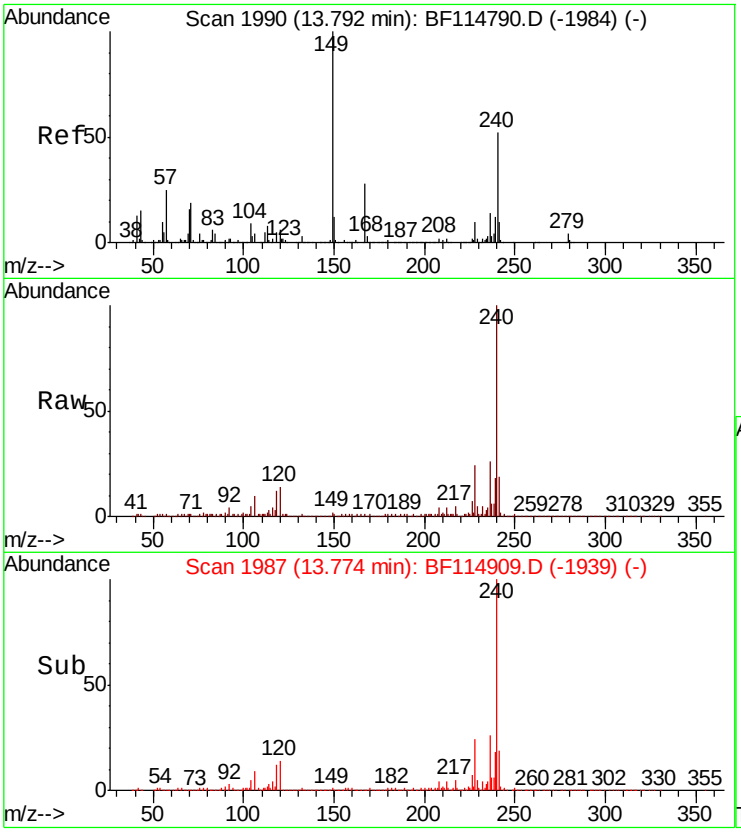


#75
Fluoranthene
Concen: 14.415 ng
RT: 12.36 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Tgt Ion:202 Resp: 780860

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	32.8
203	17.4	0.2	40.2



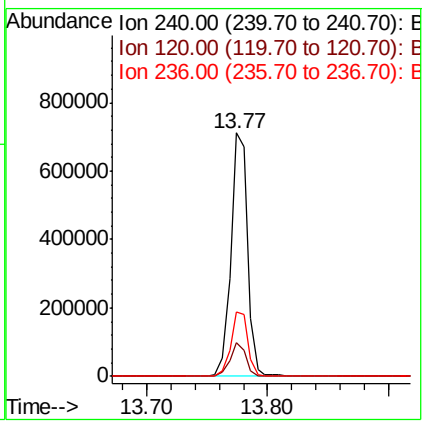


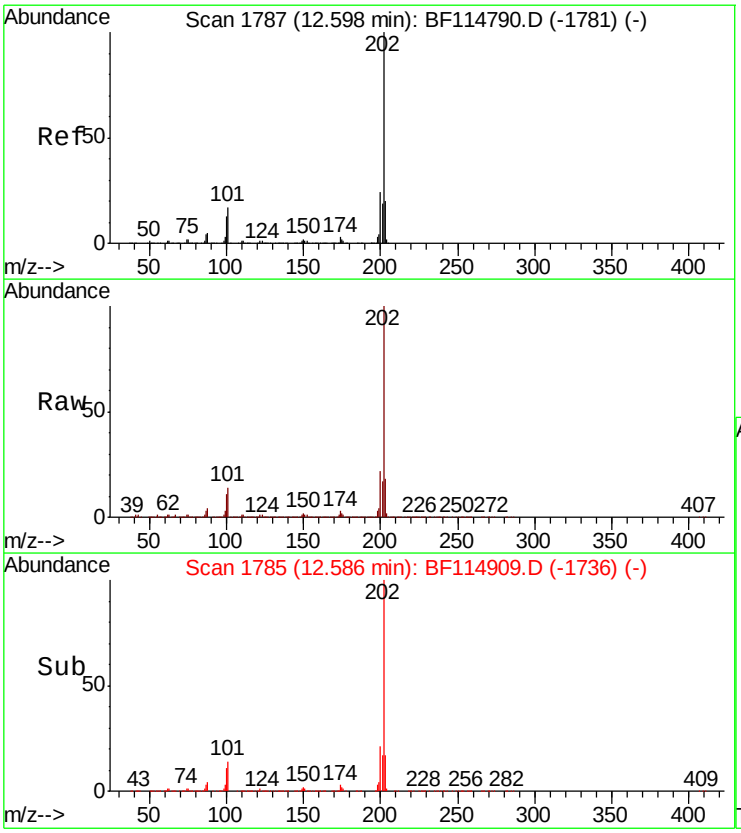
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.02 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-B

Tgt Ion:240 Resp: 680504

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.0	13.4#
236	26.4	21.4	32.0

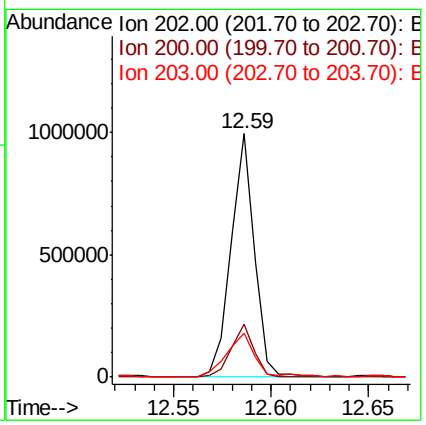


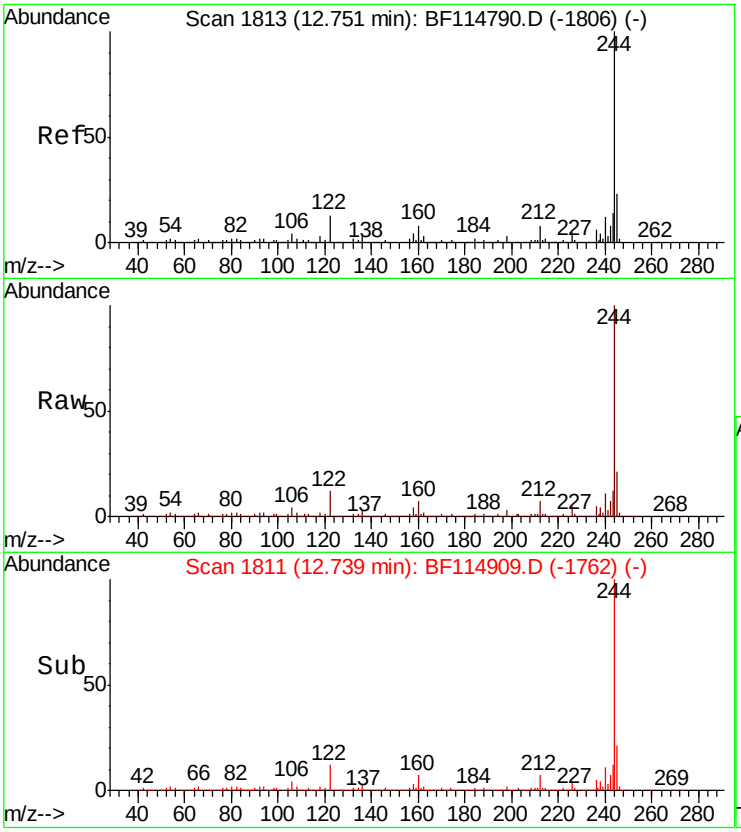


#78
Pyrene
Concen: 13.937 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Tgt Ion:202 Resp: 822789

Ion	Ratio	Lower	Upper
202	100		
200	21.5	19.2	28.8
203	18.0	15.9	23.9



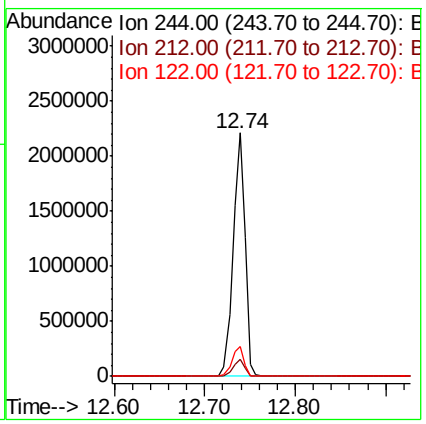


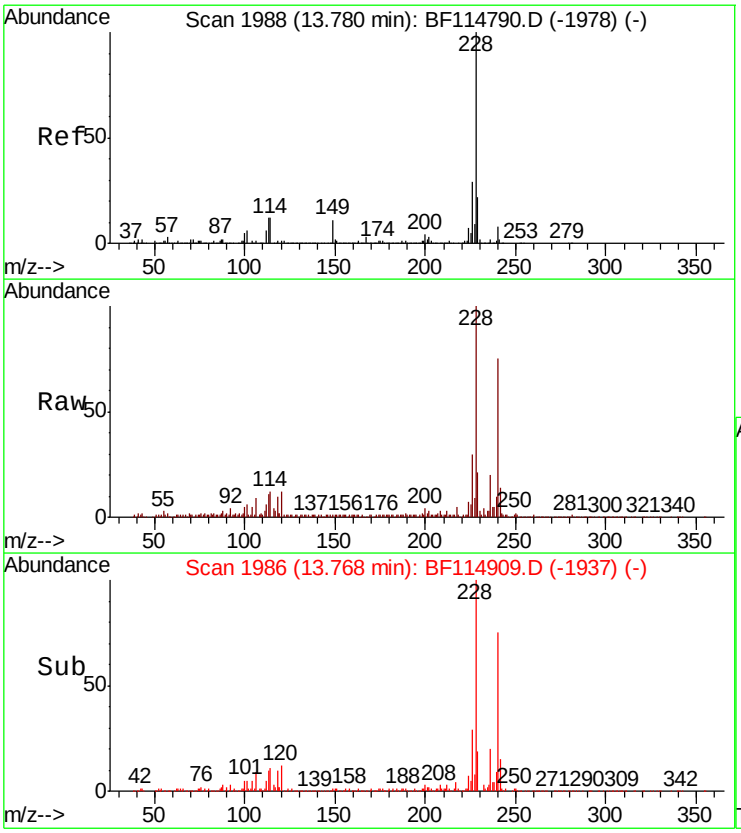
#79
Terphenyl-d14
Concen: 58.710 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-B

Tgt Ion:244 Resp: 2054367

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	12.3	10.5	15.7

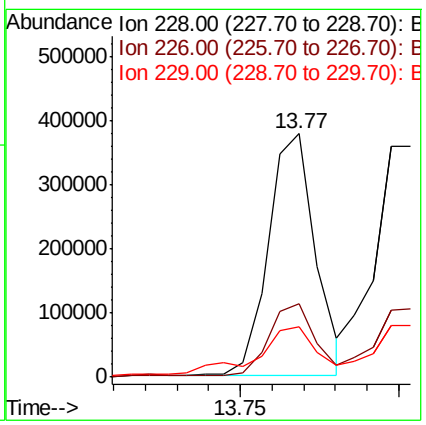


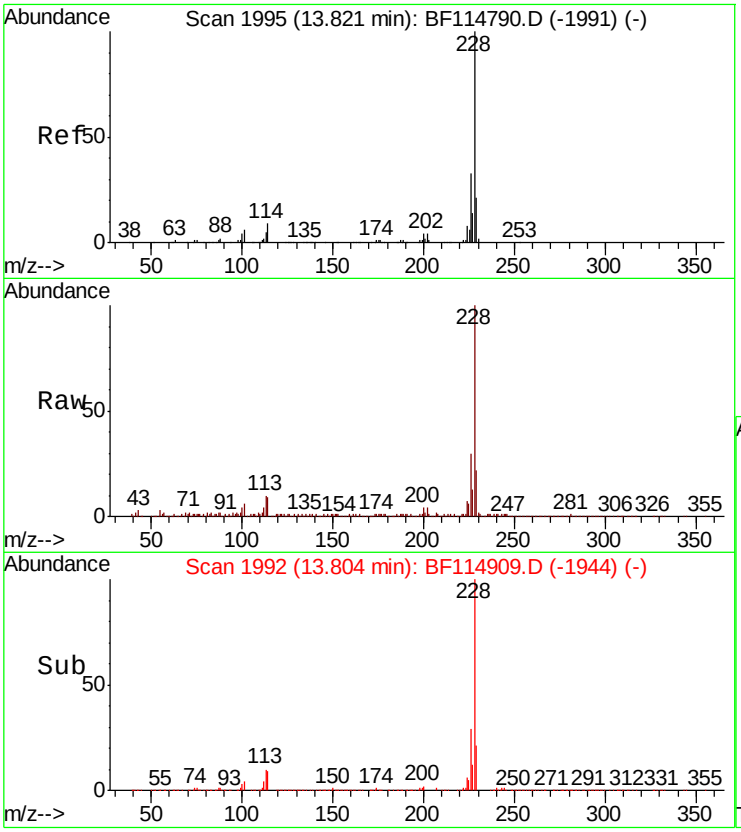


#81
Benzo(a)anthracene
Concen: 7.447 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Tgt Ion:228 Resp: 390513

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	20.9	17.4	26.0



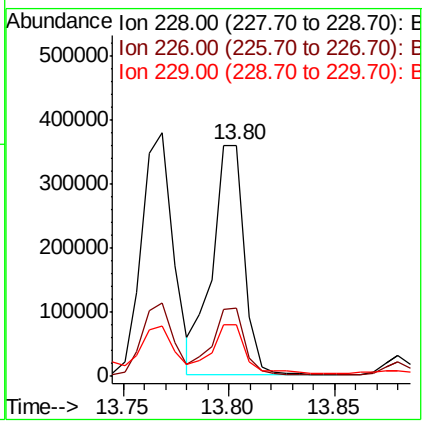


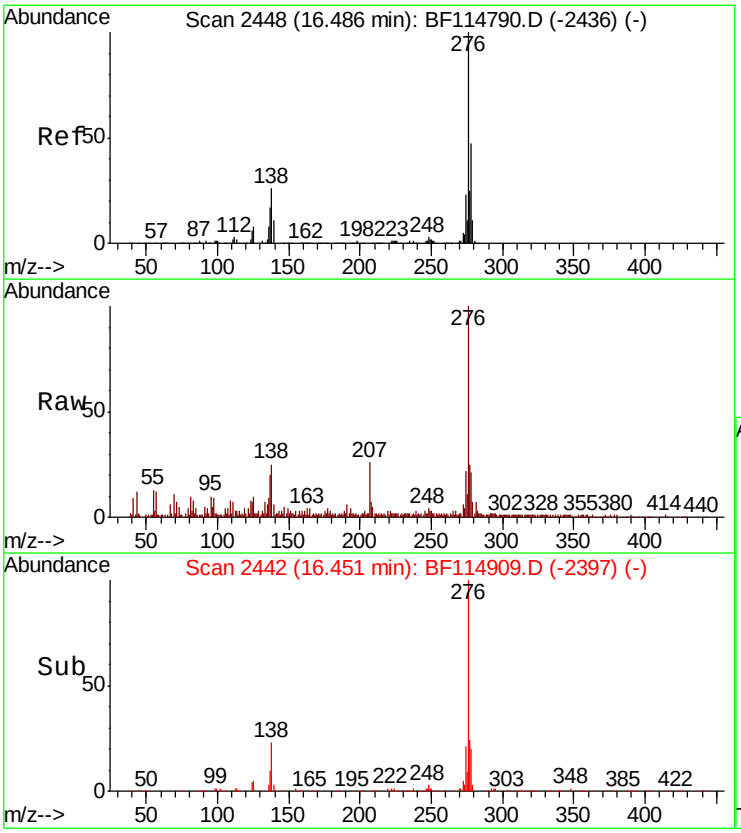
#83
Chrysene
Concen: 7.420 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-B

Tgt Ion:228 Resp: 378519

Ion	Ratio	Lower	Upper
228	100		
226	29.5	26.0	39.0
229	22.2	17.1	25.7

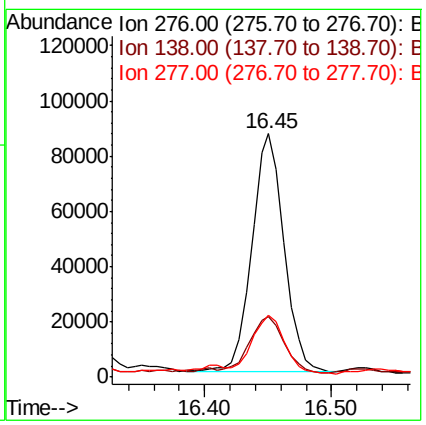


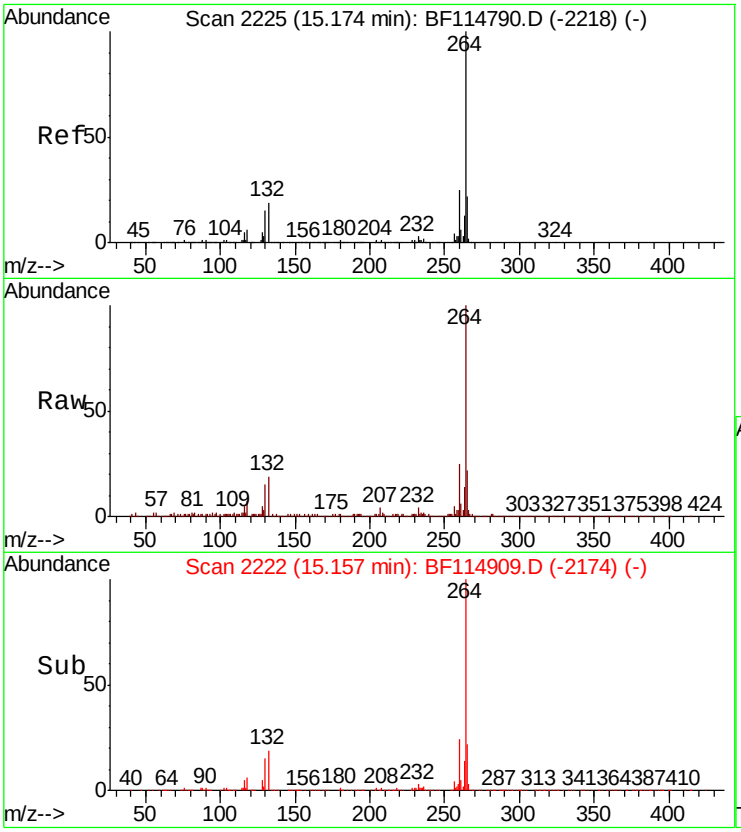


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.596 ng
RT: 16.45 min Scan# 2442
Delta R.T. -0.04 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Tgt Ion:276 Resp: 151121

Ion	Ratio	Lower	Upper
276	100		
138	26.1	22.2	33.4
277	25.2	20.6	30.8



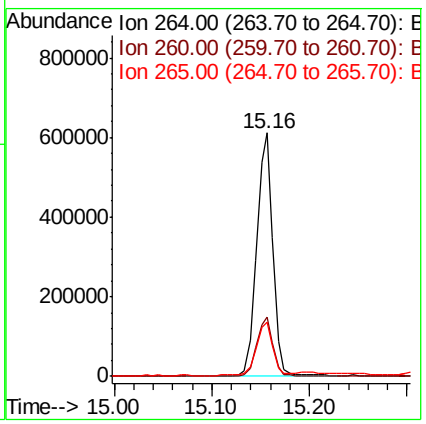


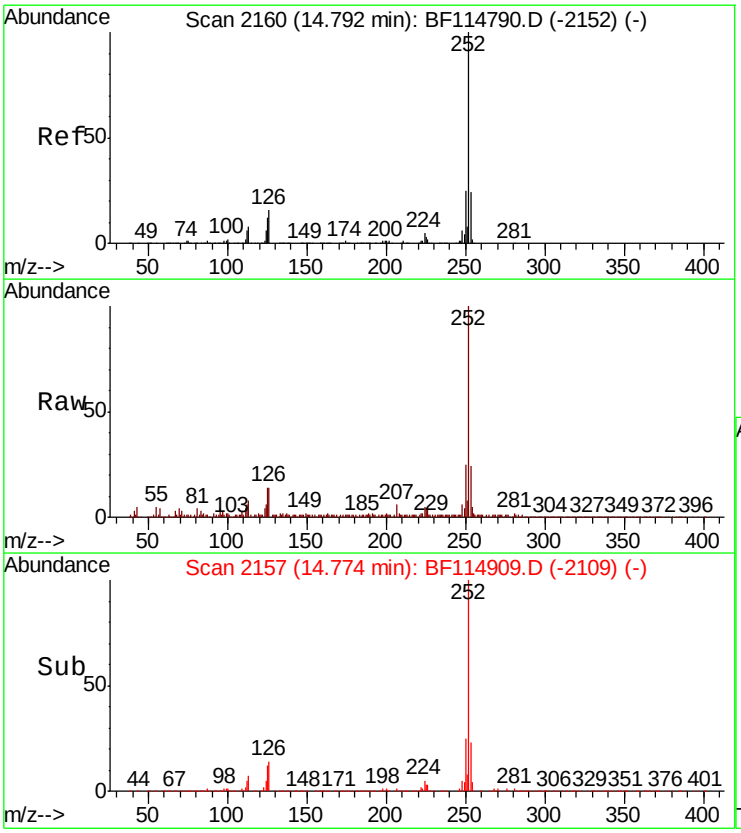
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-B

Tgt Ion:264 Resp: 714075

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	22.1	17.7	26.5

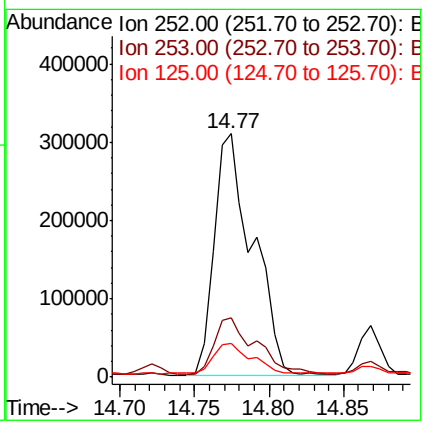


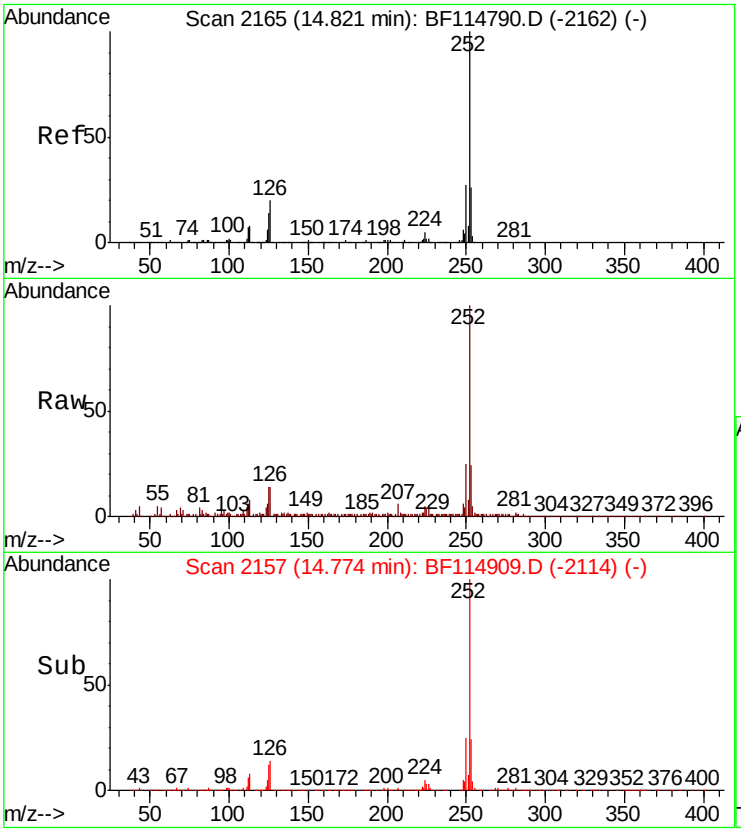


#88
Benzo(b)fluoranthene
Concen: 12.245 ng
RT: 14.77 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Tgt Ion:252 Resp: 556639

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.0	28.6
125	13.7	9.4	14.0



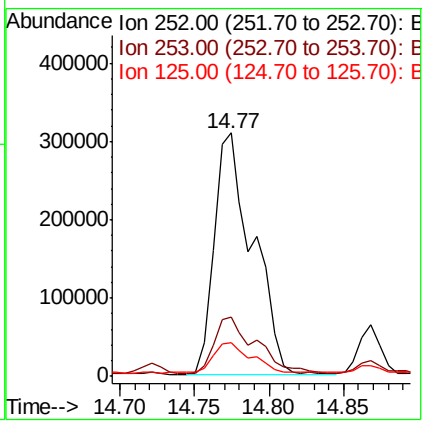


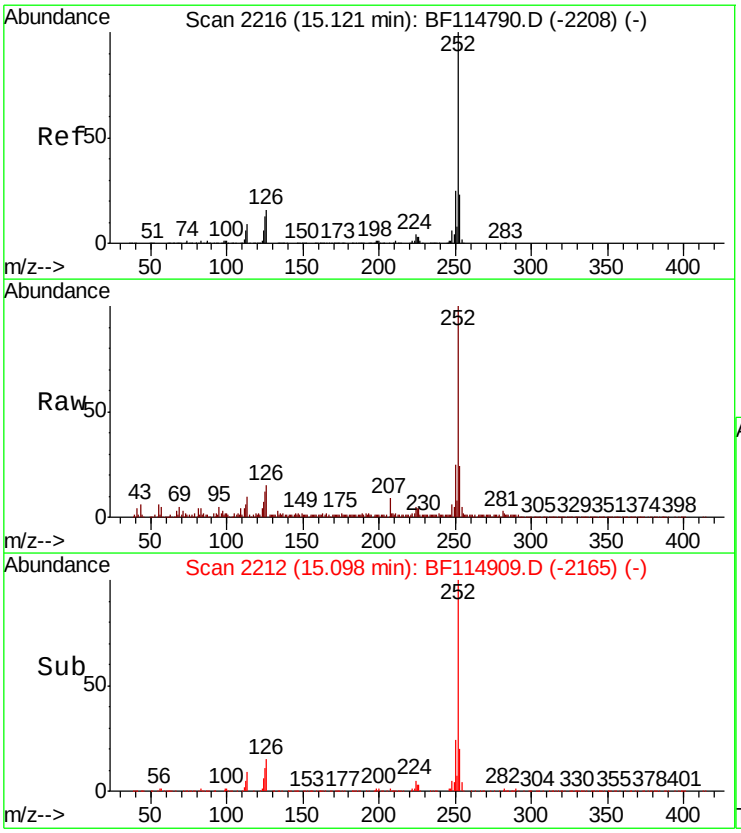
#89
Benzo(k)fluoranthene
Concen: 14.419 ng
RT: 14.77 min Scan# 2157
Delta R.T. -0.05 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-B

Tgt Ion:252 Resp: 556639

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.3	28.9
125	13.7	10.1	15.1

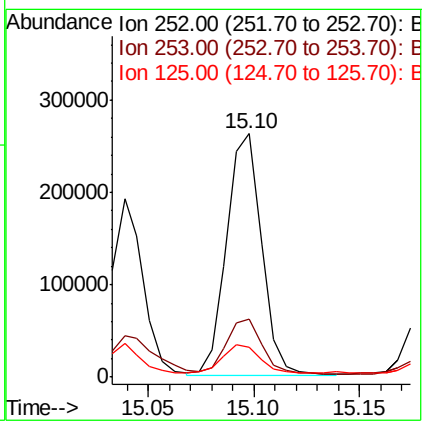


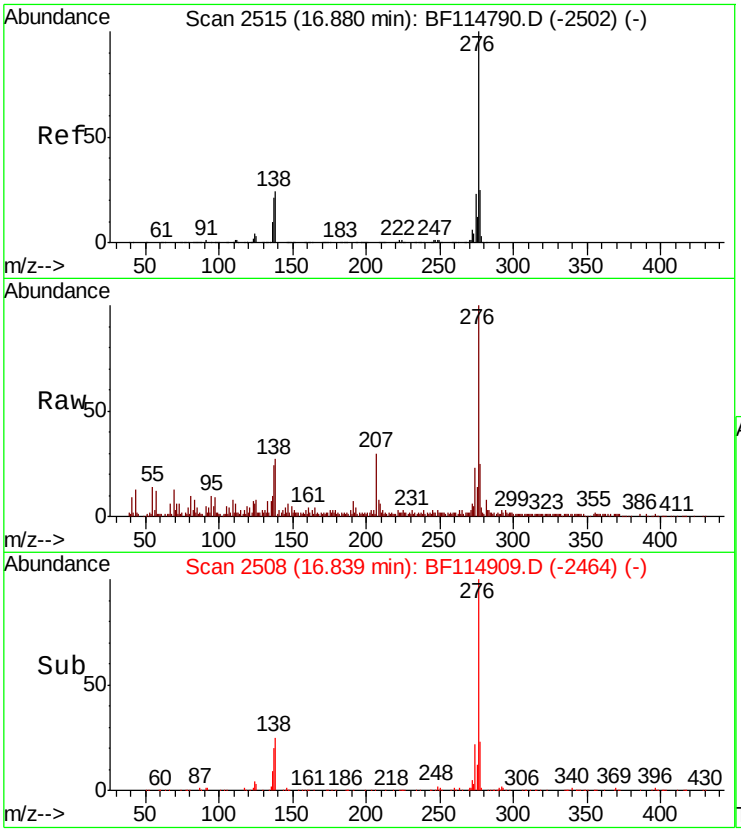


#90
Benzo(a)pyrene
Concen: 7.604 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Tgt Ion:252 Resp: 299196

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.5	27.7
125	12.2	10.1	15.1





#92
Benzo(g,h,i)perylene
Concen: 3.763 ng
RT: 16.84 min Scan# 2508
Delta R.T. -0.04 min
Lab File: BF114909.D
Acq: 8 Jun 2019 00:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-041-B

Tgt Ion:276 Resp: 141012

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.6
138	27.0	19.4	29.2