Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115318.D
Acq On : 29 Jun 2019 13:06
Operator : HP/JU
Sample : K3531-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-043-B

Quant Time: Jun 30 01:43:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	191760	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	752777	20.00	ng		0.00
39) Acenaphthene-d10	9.62	164	371445	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	755339	20.00	ng		0.00
76) Chrysene-d12	13.71	240	666036	20.00	ng		0.00
87) Perylene-d12	15.08	264	689439	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1103614	88.81	ng		0.00
7) Phenol-d6	6.24	99	1406393	93.25	ng		0.00
23) Nitrobenzene-d5	7.16	82	827801	67.65	ng		0.00
42) 2,4,6-Tribromophenol	10.41	330	404032	103.15	ng		0.00
45) 2-Fluorobiphenyl	8.95	172	1560323	71.35	ng		0.00
79) Terphenyl-d14	12.68	244	1851497	59.10	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.16	70	109521	11.342	ng	#	78
25) Isophorone	7.16	82	827790	33.021	ng	#	63
50) Dimethylphthalate	9.35	163	179834	6.581	ng		99
57) 2,4-Dinitrotoluene	9.62	165	49163	6.035	ng	#	30
58) Fluorene	10.17	166	4492	Below Cal			97
65) 4,6-Dinitro-2-methylphenol	10.41	198	808	5.140	ng	#	1
67) 4-Bromophenyl-phenylether	10.41	248	25131	3.069	ng	#	1
75) Fluoranthene	12.30	202	113830	2.805	ng		96
78) Pyrene	12.52	202	117130	2.288	ng		97
88) Benzo(b)fluoranthene	14.70	252	99905	2.322	ng	#	91
89) Benzo(k)fluoranthene	14.70	252	99905	2.590	ng	#	94

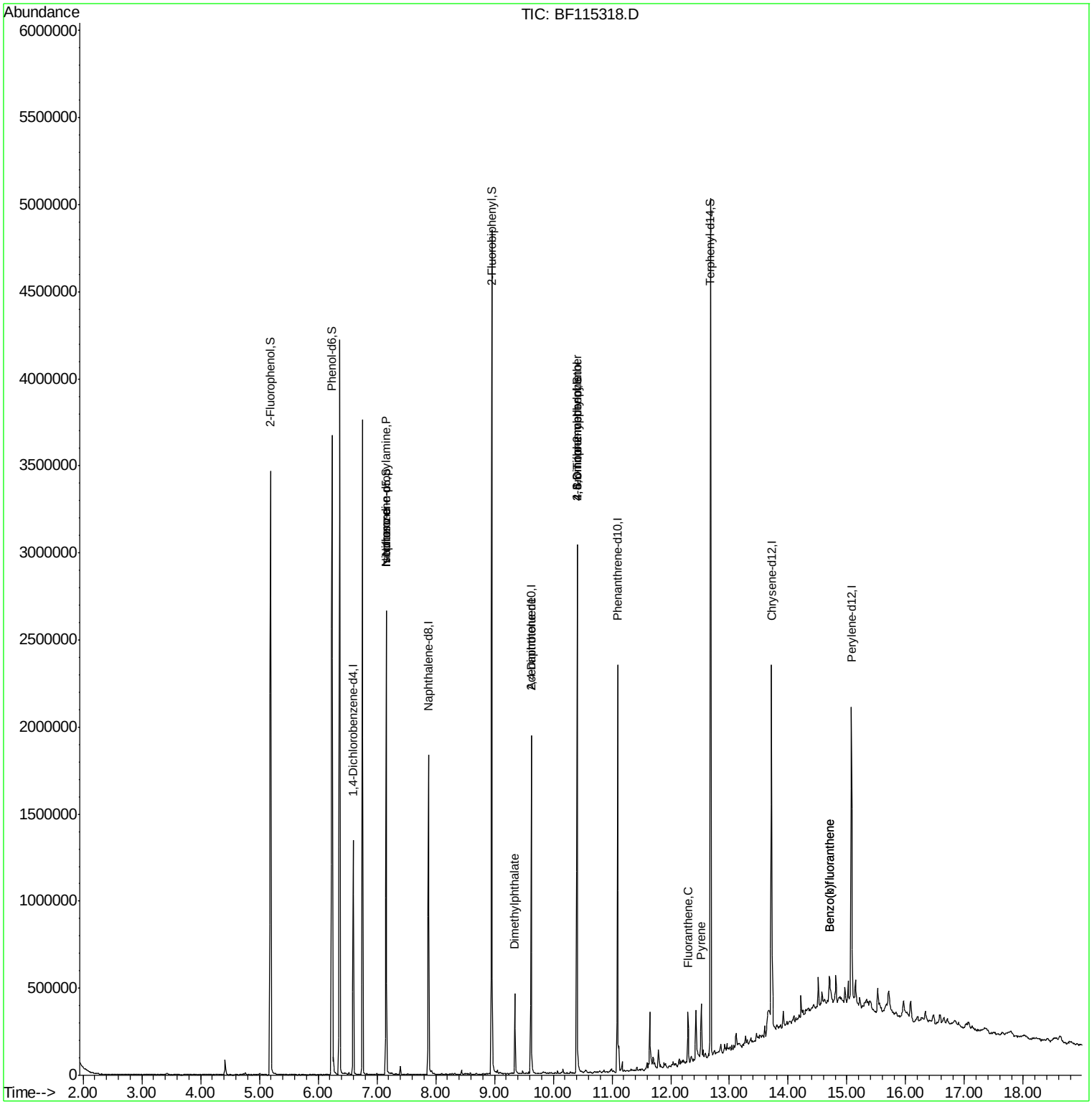
(#) = qualifier out of range (m) = manual integration (+) = signals summed

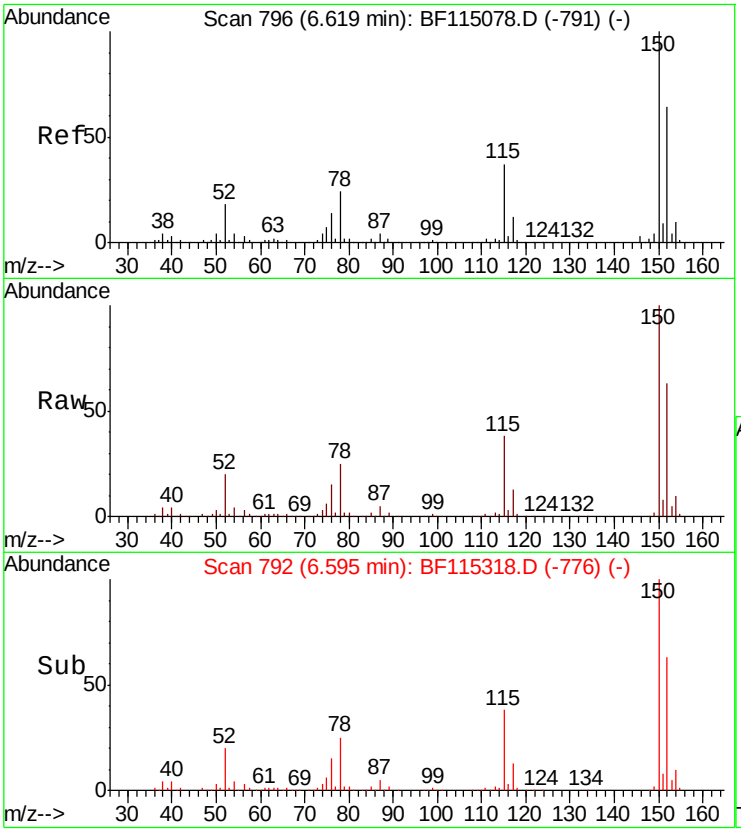
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115318.D
Acq On : 29 Jun 2019 13:06
Operator : HP/JU
Sample : K3531-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-043-B

Quant Time: Jun 30 01:43:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration



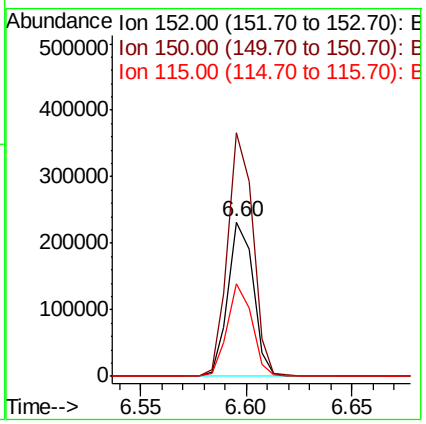


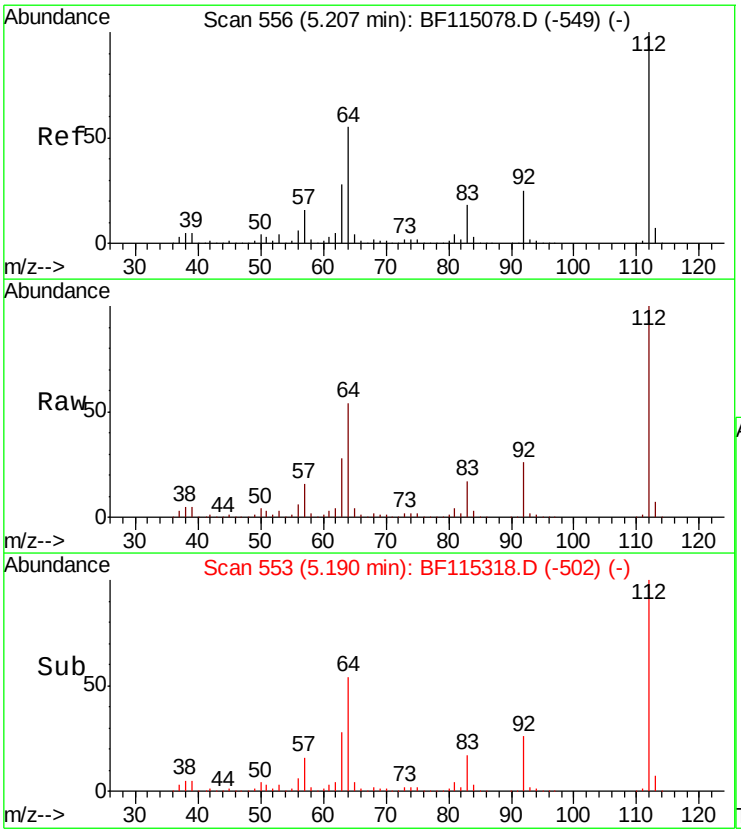
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion:152 Resp: 191760

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.2	186.2
115	60.2	46.1	69.1

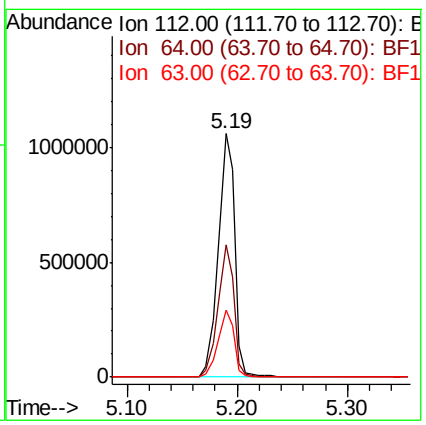


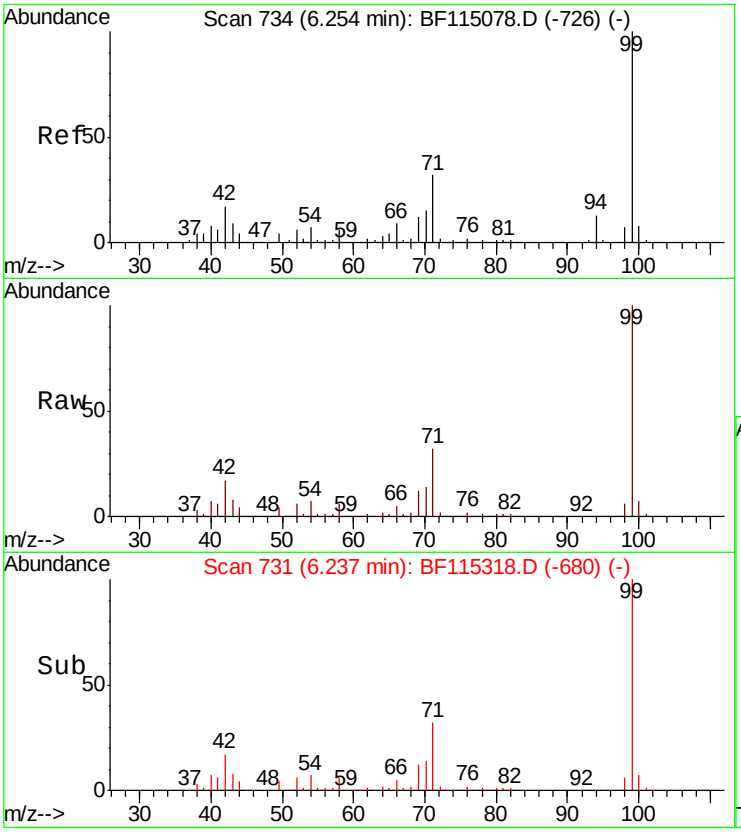


#5
2-Fluorophenol
Concen: 88.812 ng
RT: 5.19 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion:112 Resp: 1103614

Ion	Ratio	Lower	Upper
112	100		
64	54.2	43.8	65.6
63	27.7	22.2	33.4



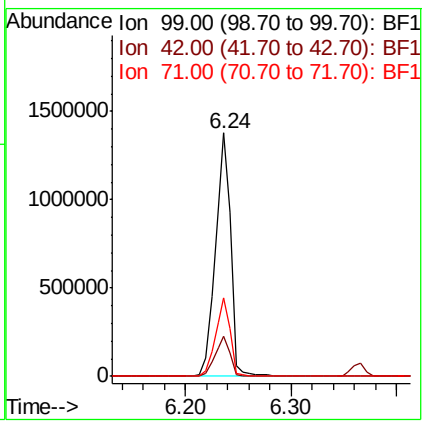


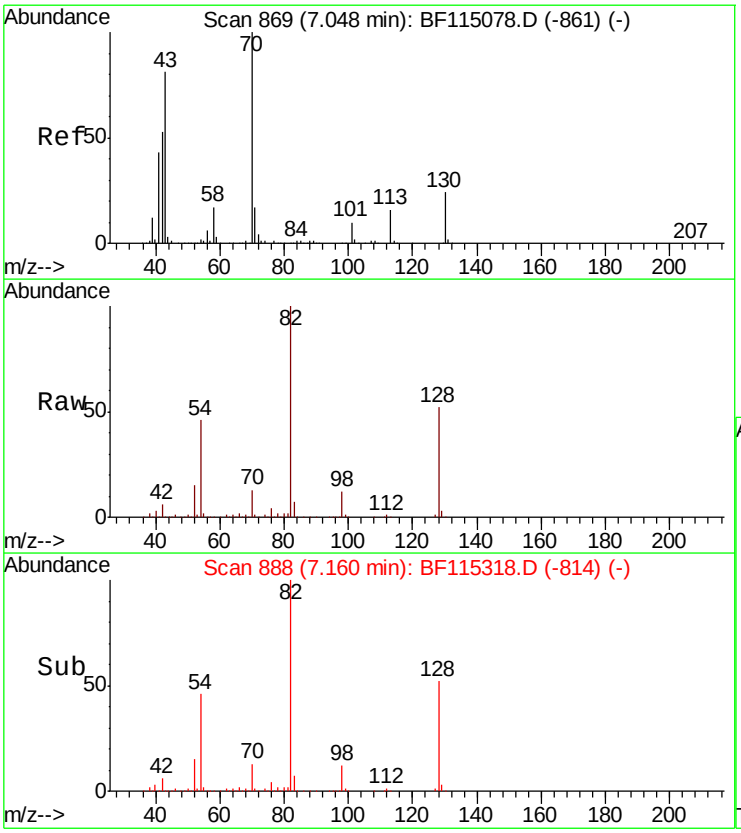
#7
Phenol-d6
Concen: 93.246 ng
RT: 6.24 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion: 99 Resp: 1406393

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.6	20.4
71	32.1	25.5	38.3

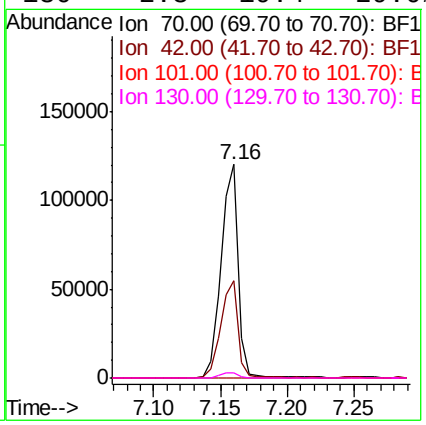


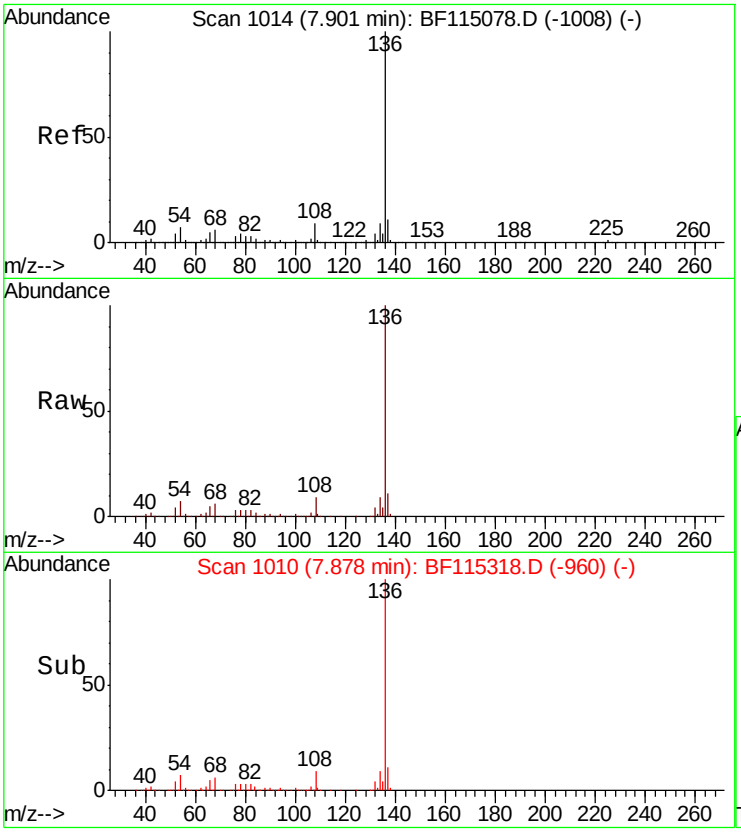


#19
n-Nitroso-di-n-propylamine
Concen: 11.342 ng
RT: 7.16 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion: 70 Resp: 109521

Ion	Ratio	Lower	Upper
70	100		
42	45.6	42.6	63.8
101	0.0	8.0	12.0#
130	2.3	19.4	29.0#



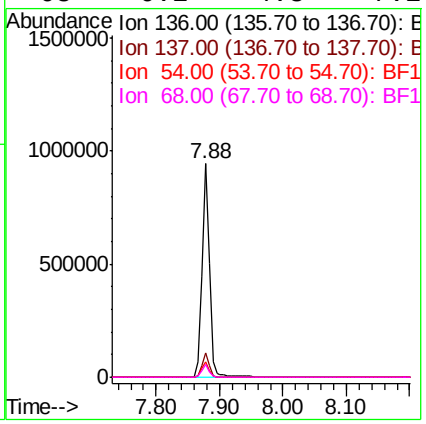


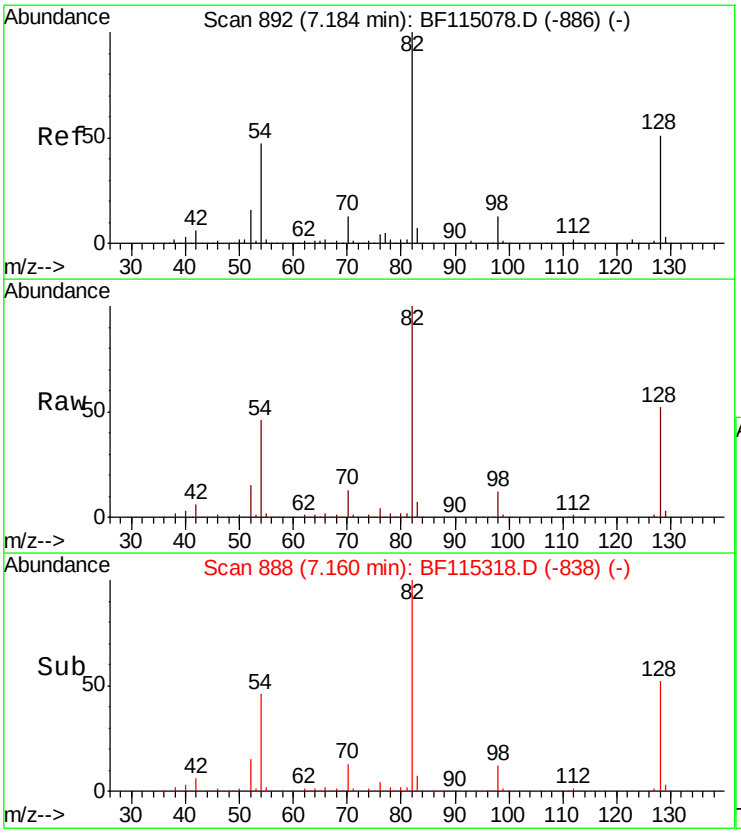
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion:136 Resp: 752777

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.0	5.6	8.4
68	6.2	4.8	7.2

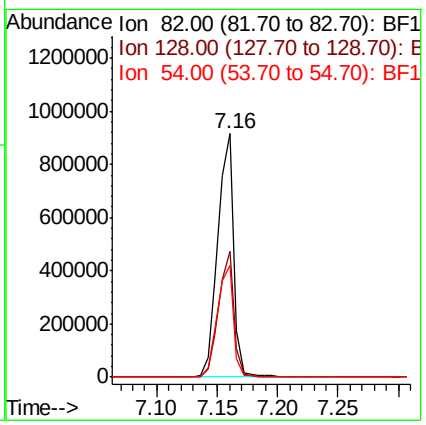


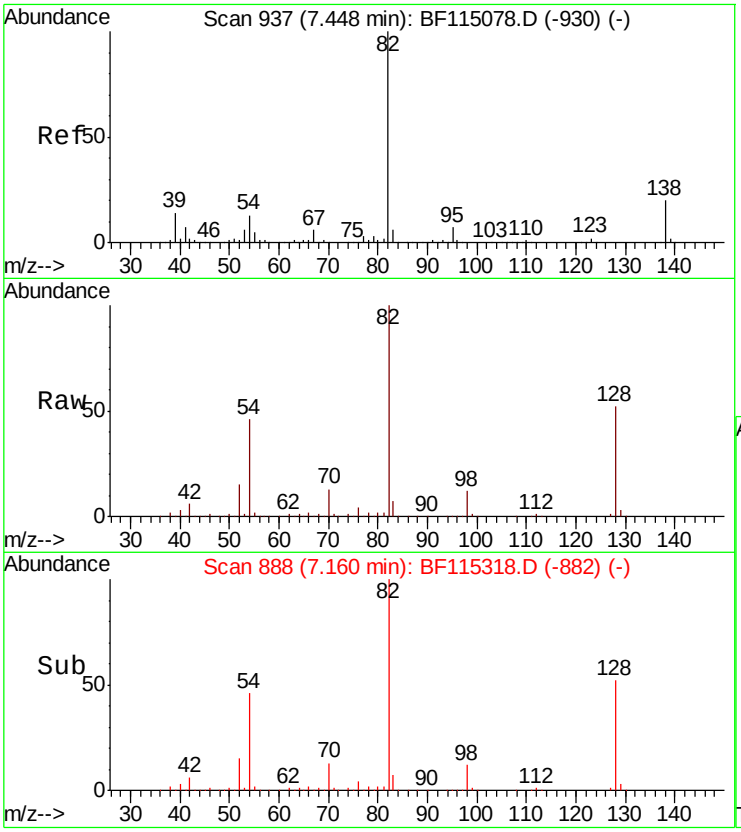


#23
Nitrobenzene-d5
Concen: 67.646 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion: 82 Resp: 827801

Ion	Ratio	Lower	Upper
82	100		
128	51.7	40.4	60.6
54	46.1	37.5	56.3



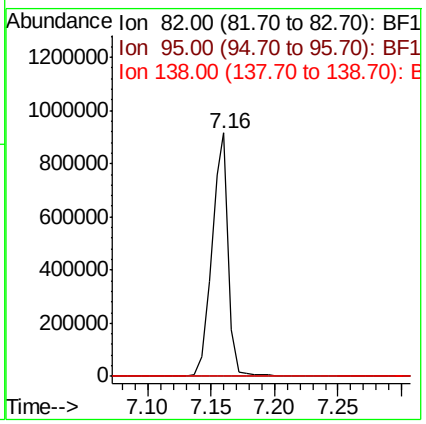


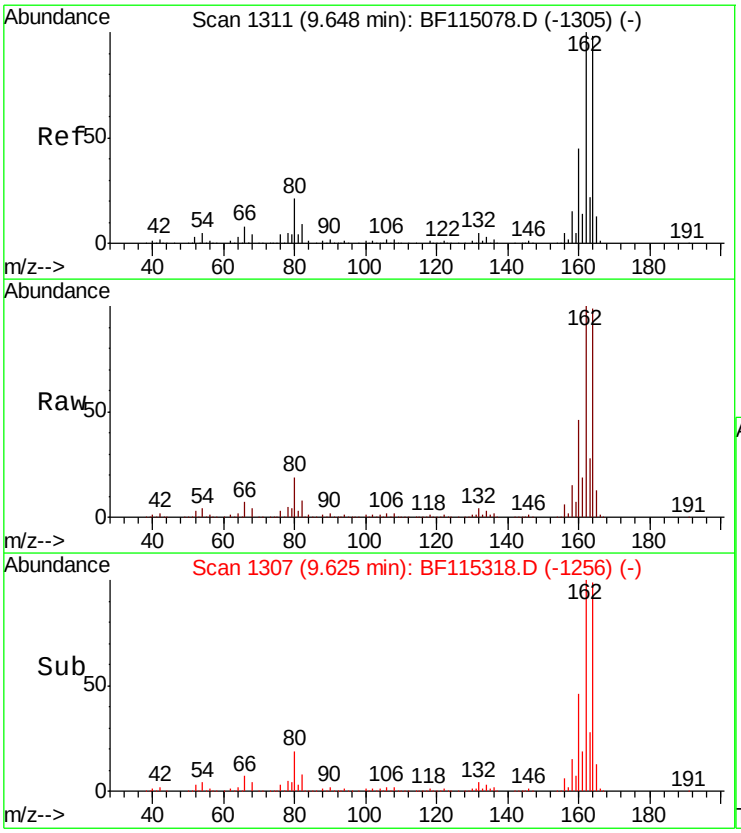
#25
Isophorone
Concen: 33.021 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion: 82 Resp: 827790

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.9	23.9#

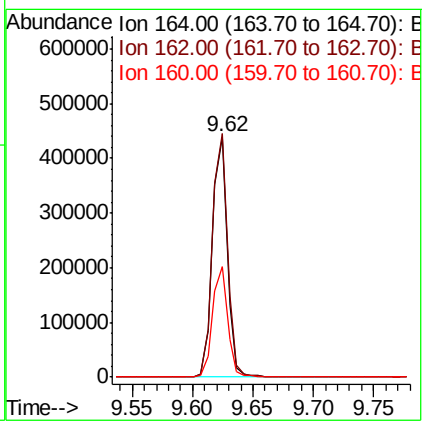


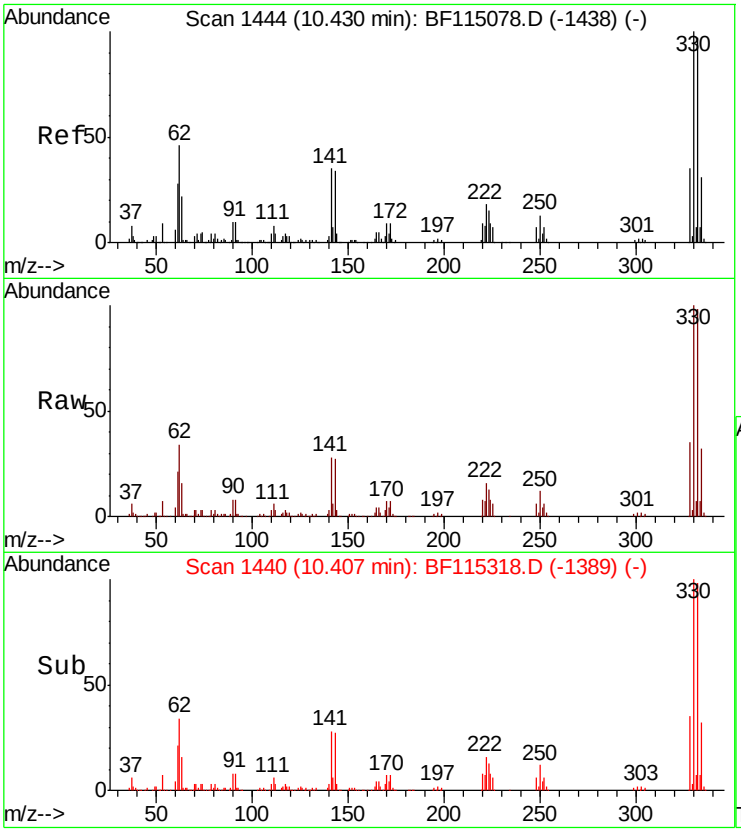


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion:164 Resp: 371445

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.7	122.5
160	46.2	37.0	55.4



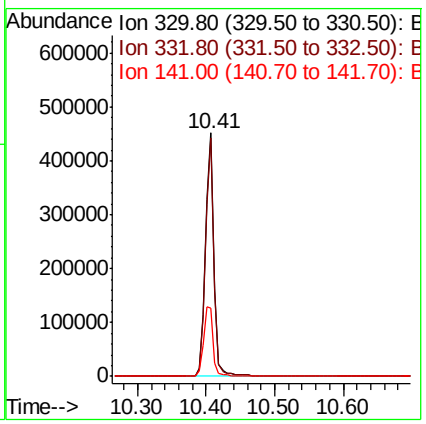


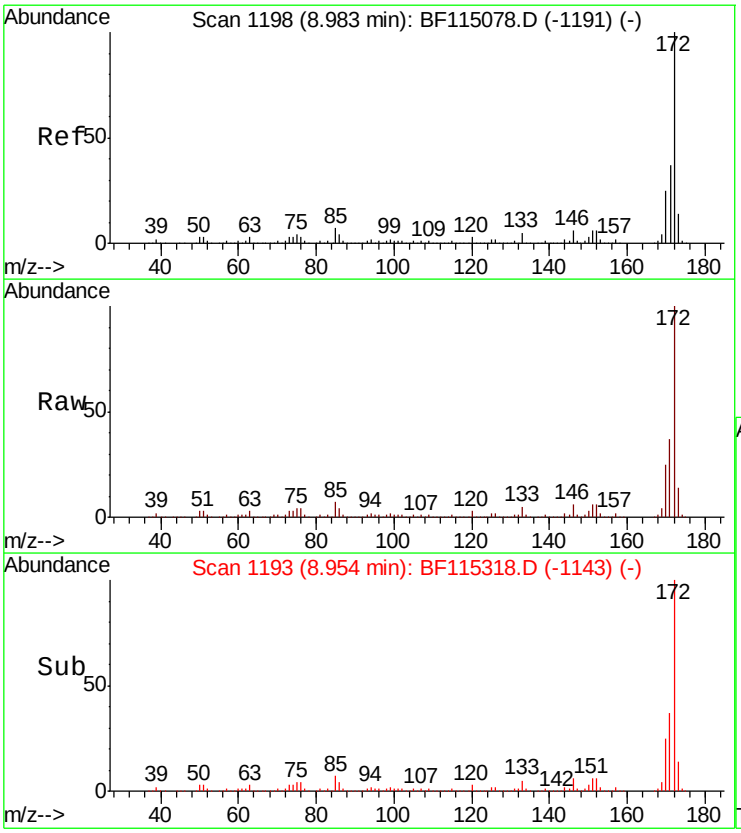
#42
2,4,6-Tribromophenol
Concen: 103.148 ng
RT: 10.41 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion:330 Resp: 404032

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	32.3	28.2	42.2

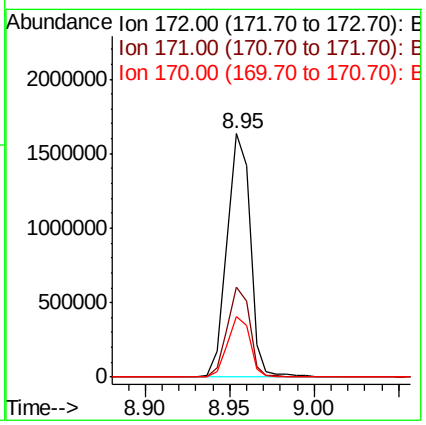


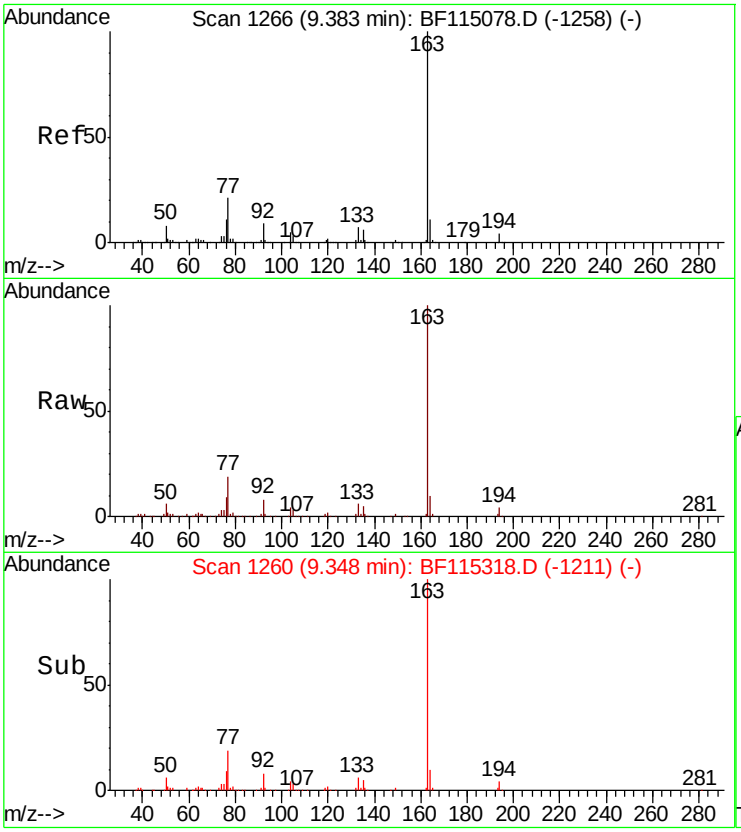


#45
2-Fluorobiphenyl
Concen: 71.354 ng
RT: 8.95 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion:172 Resp: 1560323

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	24.6	20.3	30.5



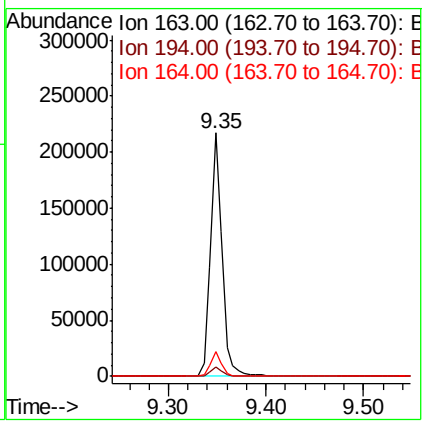


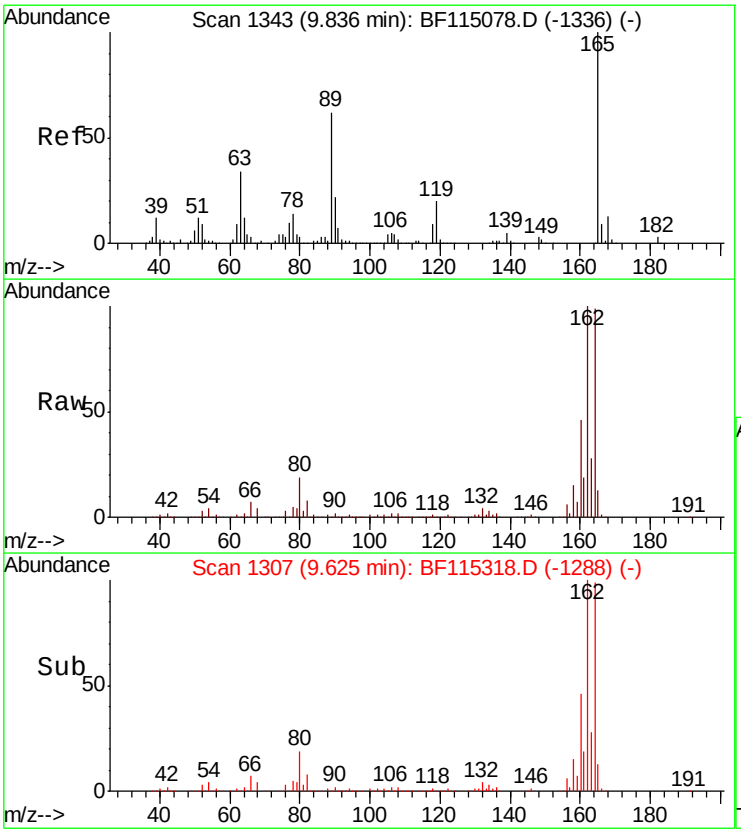
#50
Dimethylphthalate
Concen: 6.581 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion:163 Resp: 179834

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.2	8.6	13.0

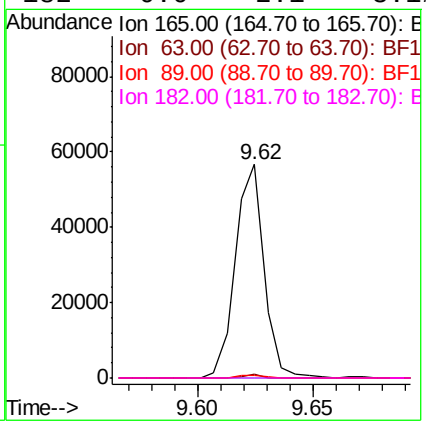


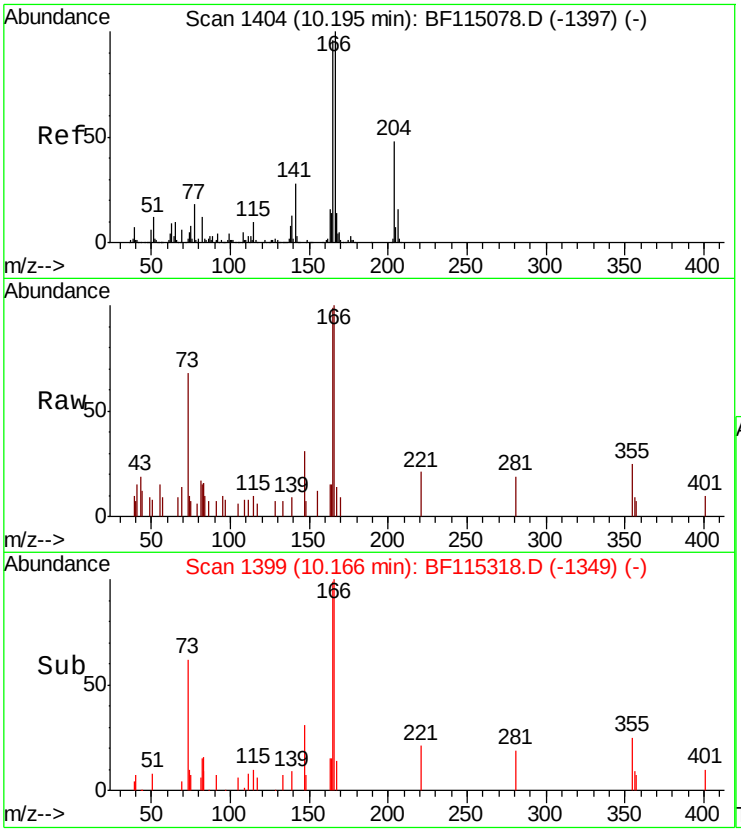


#57
2,4-Dinitrotoluene
Concen: 6.035 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion:165 Resp: 49163

Ion	Ratio	Lower	Upper
165	100		
63	1.5	27.5	41.3#
89	1.3	49.9	74.9#
182	0.0	2.1	3.1#



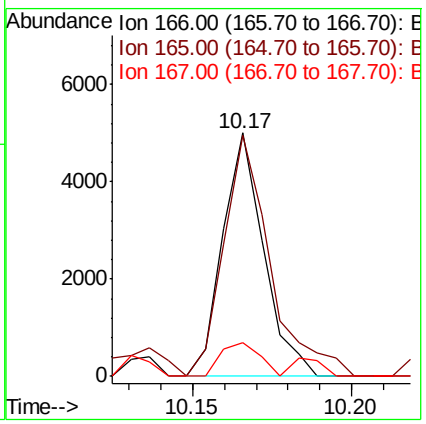


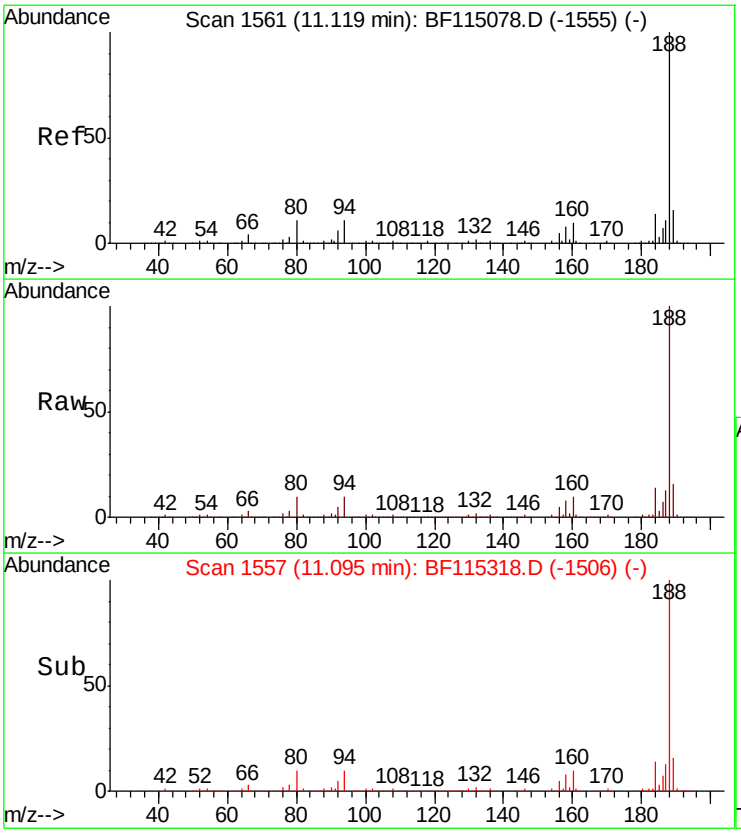
#58
Fluorene
Concen: Below Cal
RT: 10.17 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion:166 Resp: 4492

Ion	Ratio	Lower	Upper
166	100		
165	99.2	76.5	114.7
167	14.0	11.0	16.4

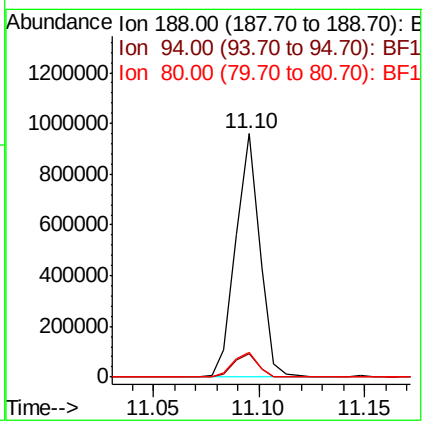


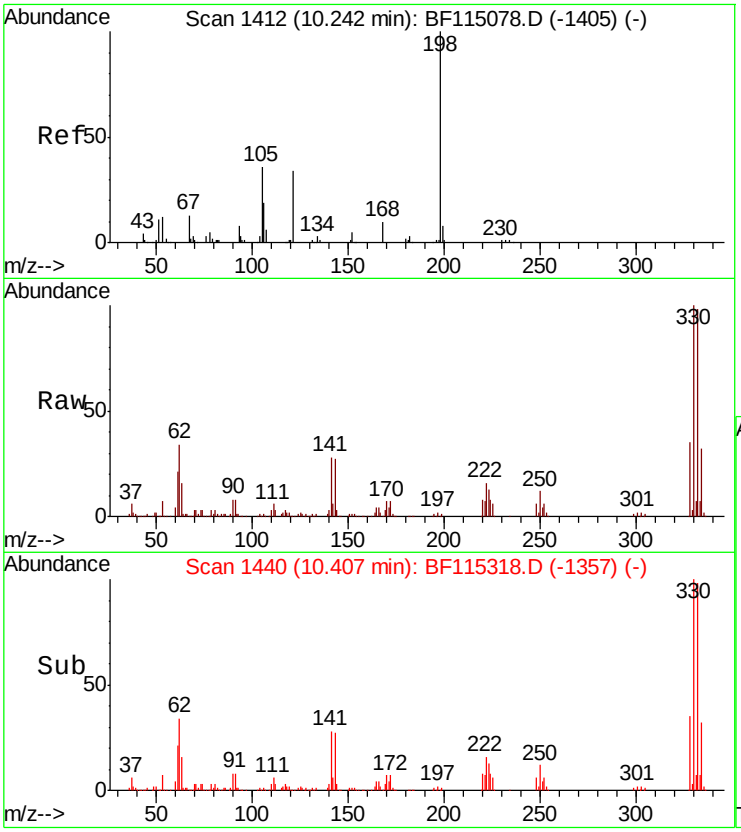


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion:188 Resp: 755339

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.6	12.8
80	10.1	8.8	13.2



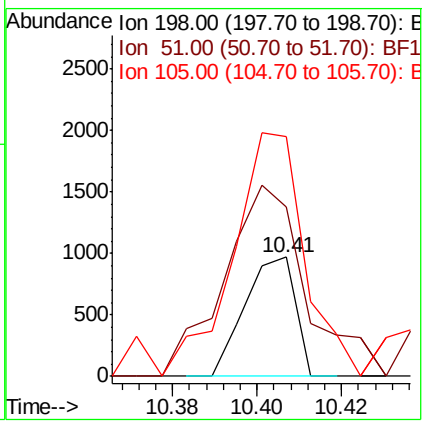


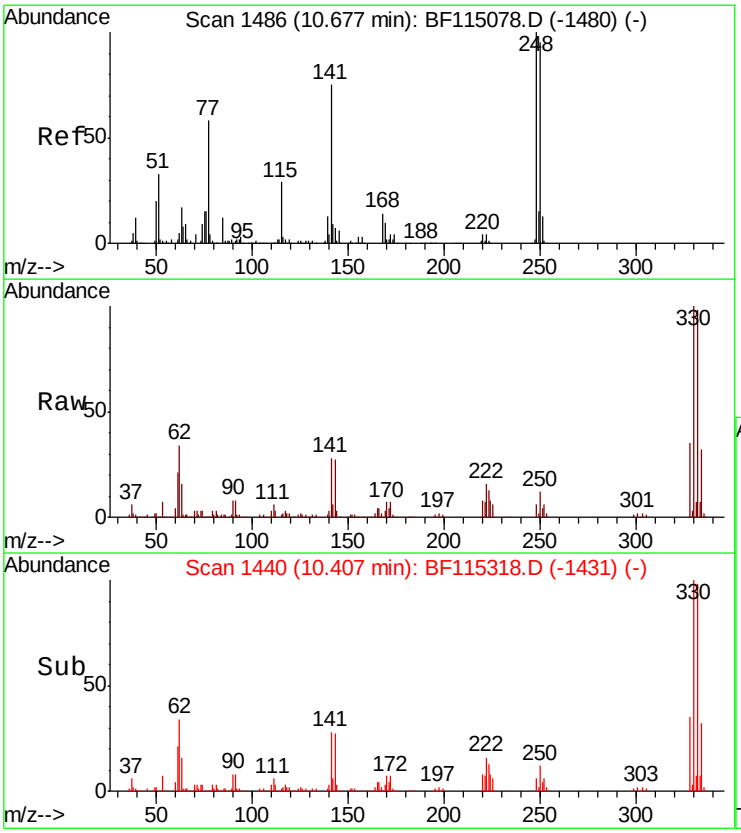
#65
4,6-Dinitro-2-methylphenol
Concen: 5.140 ng
RT: 10.41 min Scan# 1440
Delta R.T. 0.19 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion:198 Resp: 808

Ion	Ratio	Lower	Upper
198	100		
51	142.0	11.0	51.0#
105	201.6	17.3	57.3#

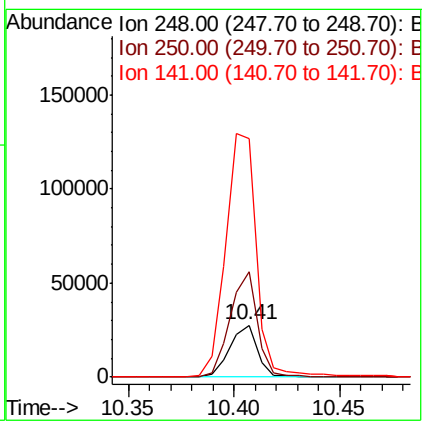


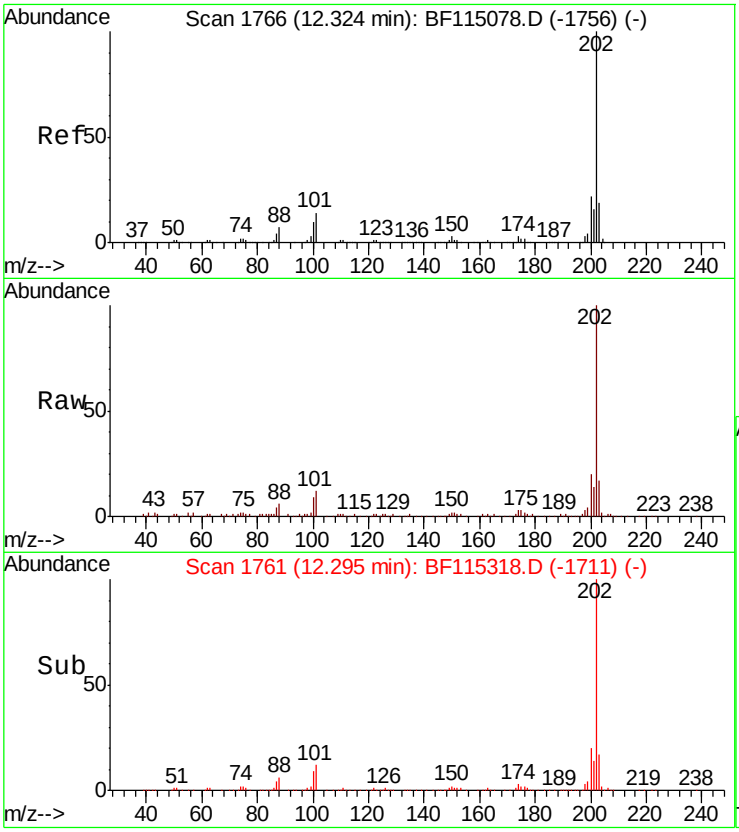


#67
4-Bromophenyl-phenylether
Concen: 3.069 ng
RT: 10.41 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion:248 Resp: 25131

Ion	Ratio	Lower	Upper
248	100		
250	201.2	76.2	114.2#
141	458.5	59.6	89.4#



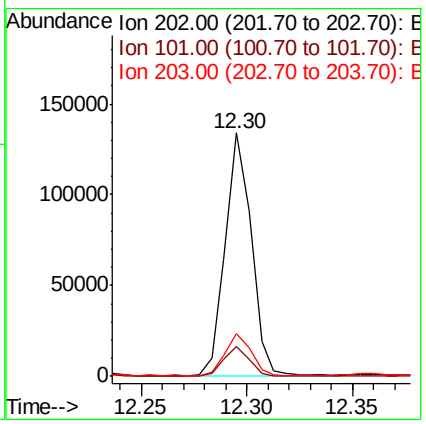


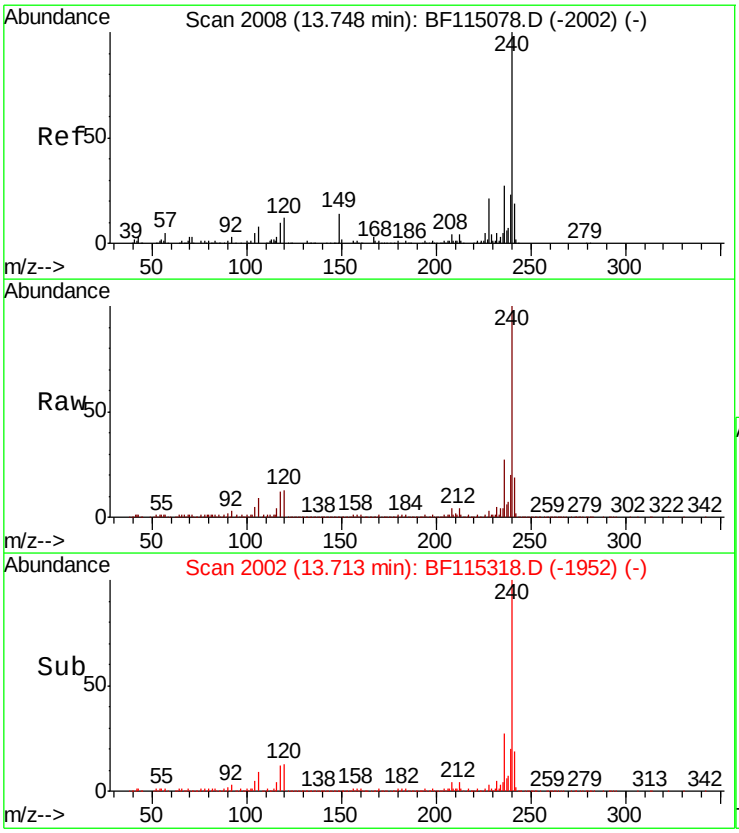
#75
Fluoranthene
Concen: 2.805 ng
RT: 12.30 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion:202 Resp: 113830

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.0
203	17.4	0.0	38.8

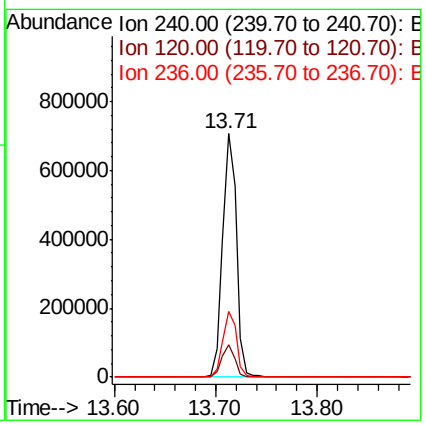


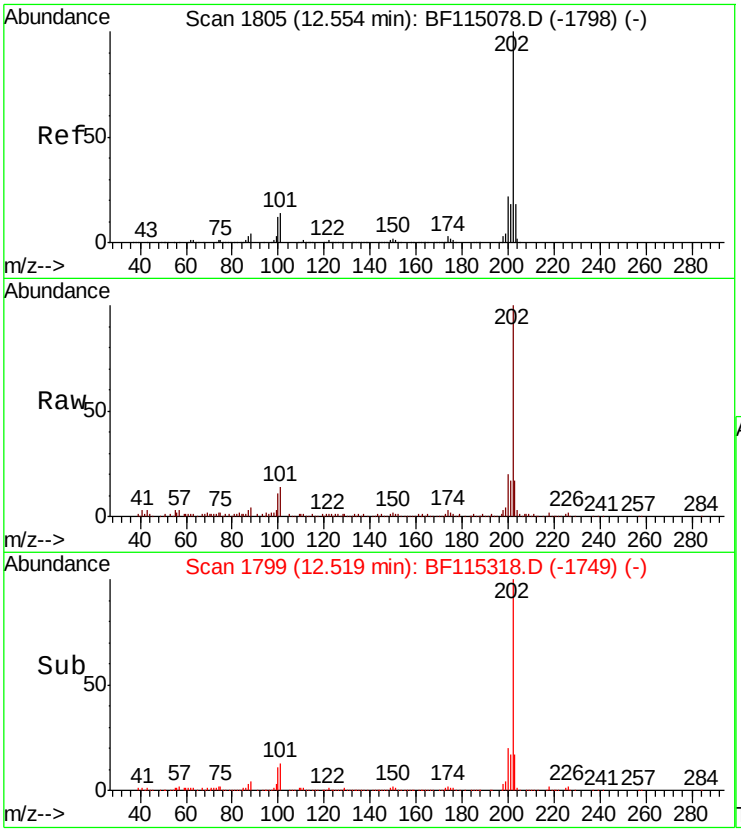


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion:240 Resp: 666036

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.4	14.2
236	27.1	21.7	32.5



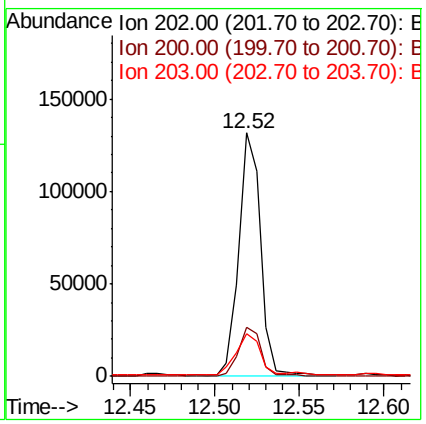


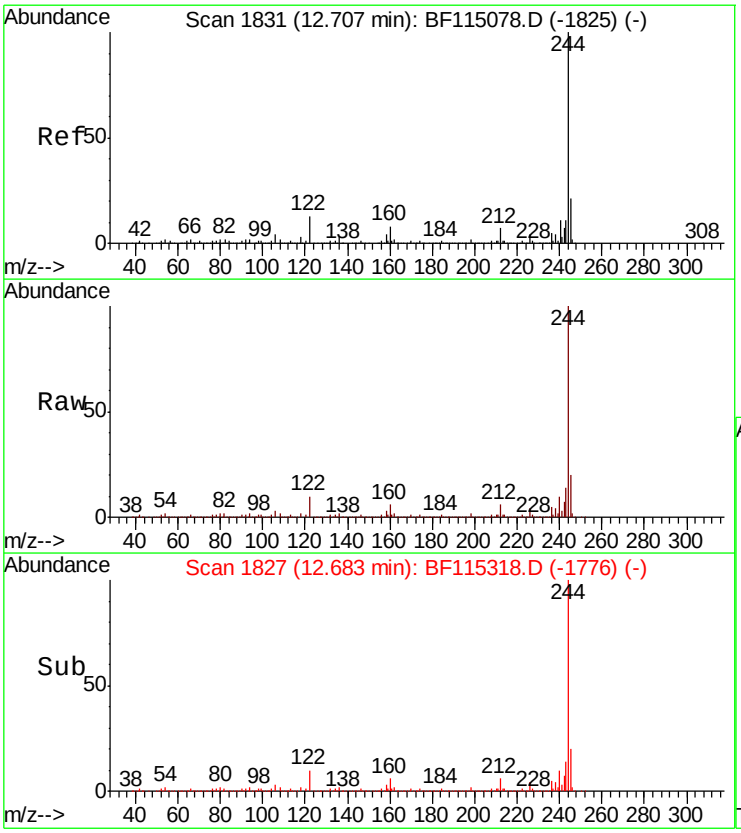
#78
Pyrene
Concen: 2.288 ng
RT: 12.52 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion:202 Resp: 117130

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.9	26.9
203	17.4	14.6	21.8

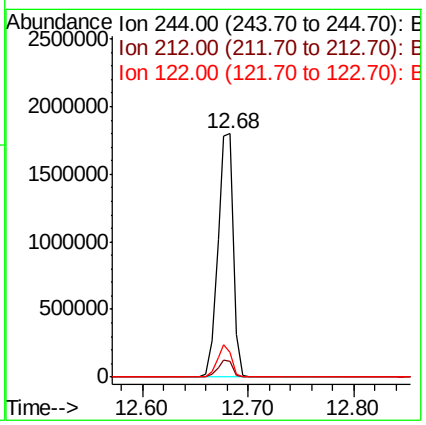


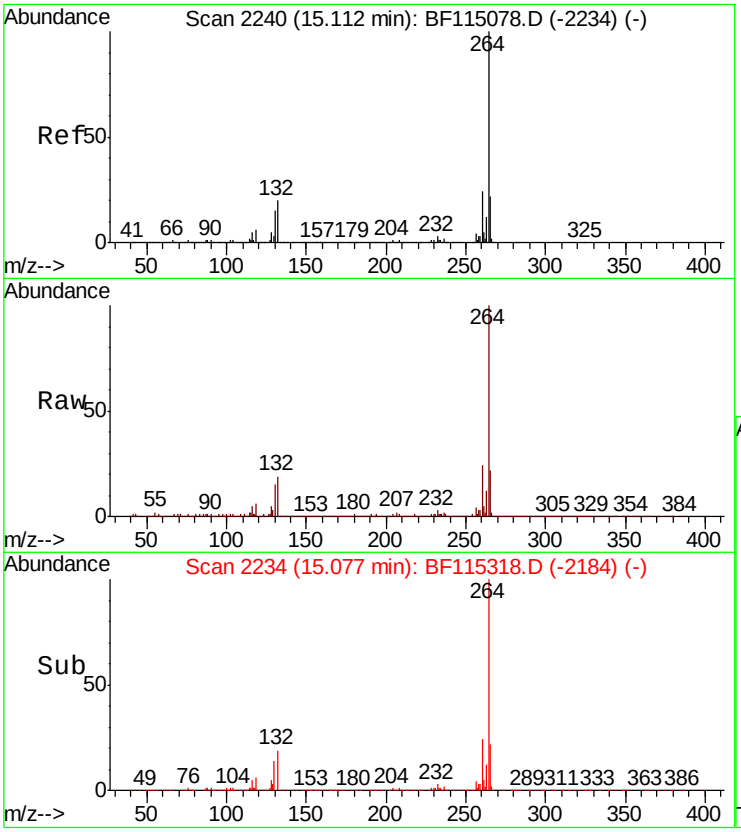


#79
Terphenyl-d14
Concen: 59.104 ng
RT: 12.68 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion:244 Resp: 1851497

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	10.4	10.4	15.6#



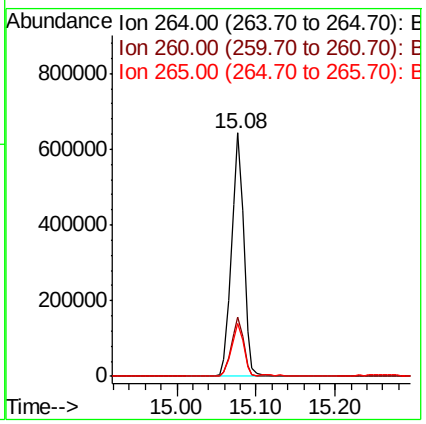


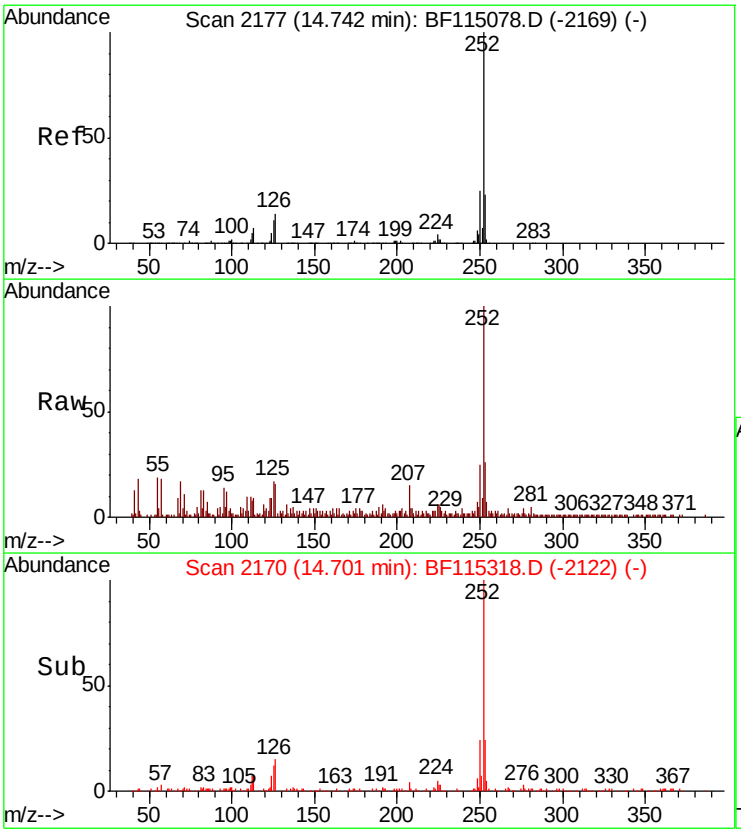
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion:264 Resp: 689439

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.7	17.3	25.9

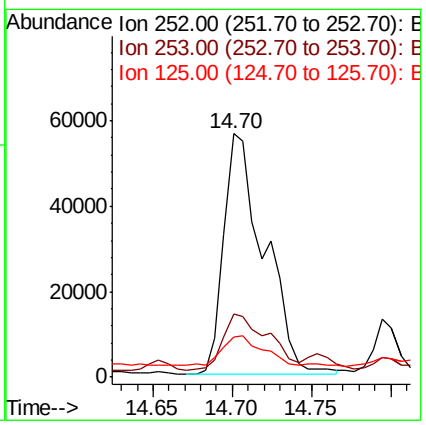


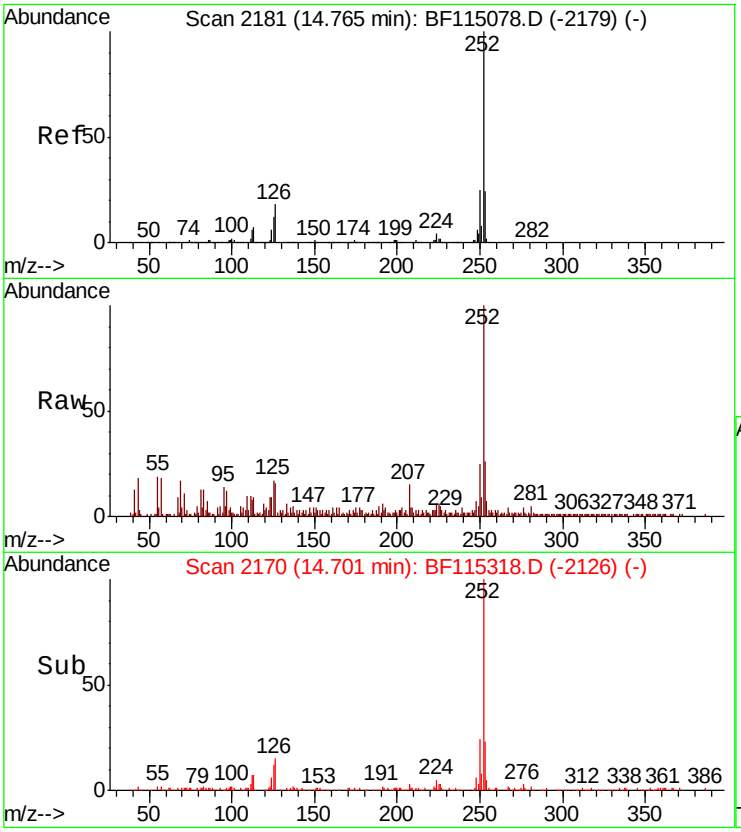


#88
Benzo(b)fluoranthene
Concen: 2.322 ng
RT: 14.70 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Tgt Ion:252 Resp: 99905

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.1	27.1
125	16.5	8.7	13.1#





#89
Benzo(k)fluoranthene
Concen: 2.590 ng
RT: 14.70 min Scan# 2170
Delta R.T. -0.04 min
Lab File: BF115318.D
Acq: 29 Jun 2019 13:06

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-043-B

Tgt Ion:252 Resp: 99905

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.9	28.3
125	16.5	10.2	15.2#