Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062819\

Quantitation Report (Not Reviewed)

Data File : BF115303.D
Acq On : 29 Jun 2019 1:01
Operator : HP/JU
Sample : K3163-15 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-062719-B

Quant Time: Jun 29 02:40:40 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	290196	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	1121713	20.00	ng		0.00
39) Acenaphthene-d10	9.62	164	548018	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	1049780	20.00	ng		0.00
76) Chrysene-d12	13.71	240	786266	20.00	ng		0.00
87) Perylene-d12	15.08	264	708736	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	575412	30.60	ng		0.00
7) Phenol-d6	6.23	99	726132	31.81	ng		0.00
23) Nitrobenzene-d5	7.15	82	410867	22.53	ng		-0.01
42) 2,4,6-Tribromophenol	10.40	330	202224	34.99	ng		0.00
45) 2-Fluorobiphenyl	8.95	172	847429	26.27	ng		0.00
79) Terphenyl-d14	12.68	244	937117	25.34	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.15	70	55740	3.814	ng	#	76
25) Isophorone	7.15	82	407803	10.917	ng	#	63
50) Dimethylphthalate	9.35	163	133948	3.322	ng		99
51) 2,6-Dinitrotoluene	9.62	165	75025	8.060	ng	#	29
54) 2,4-Dinitrophenol	9.91	184	120	7.367	ng	#	3
57) 2,4-Dinitrotoluene	9.62	165	75025	6.242	ng	#	31
58) Fluorene	10.17	166	9275	Below Cal		#	89
61) 4-Chlorophenyl-phenylether	10.12	204	287	Below Cal		#	1
65) 4,6-Dinitro-2-methylphenol	10.40	198	609	5.058	ng	#	1
75) Fluoranthene	12.30	202	127128	2.254	ng		97
78) Pyrene	12.52	202	121960	2.018	ng		98
89) Benzo(k)fluoranthene	14.70	252	87302	2.201	ng	#	78

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

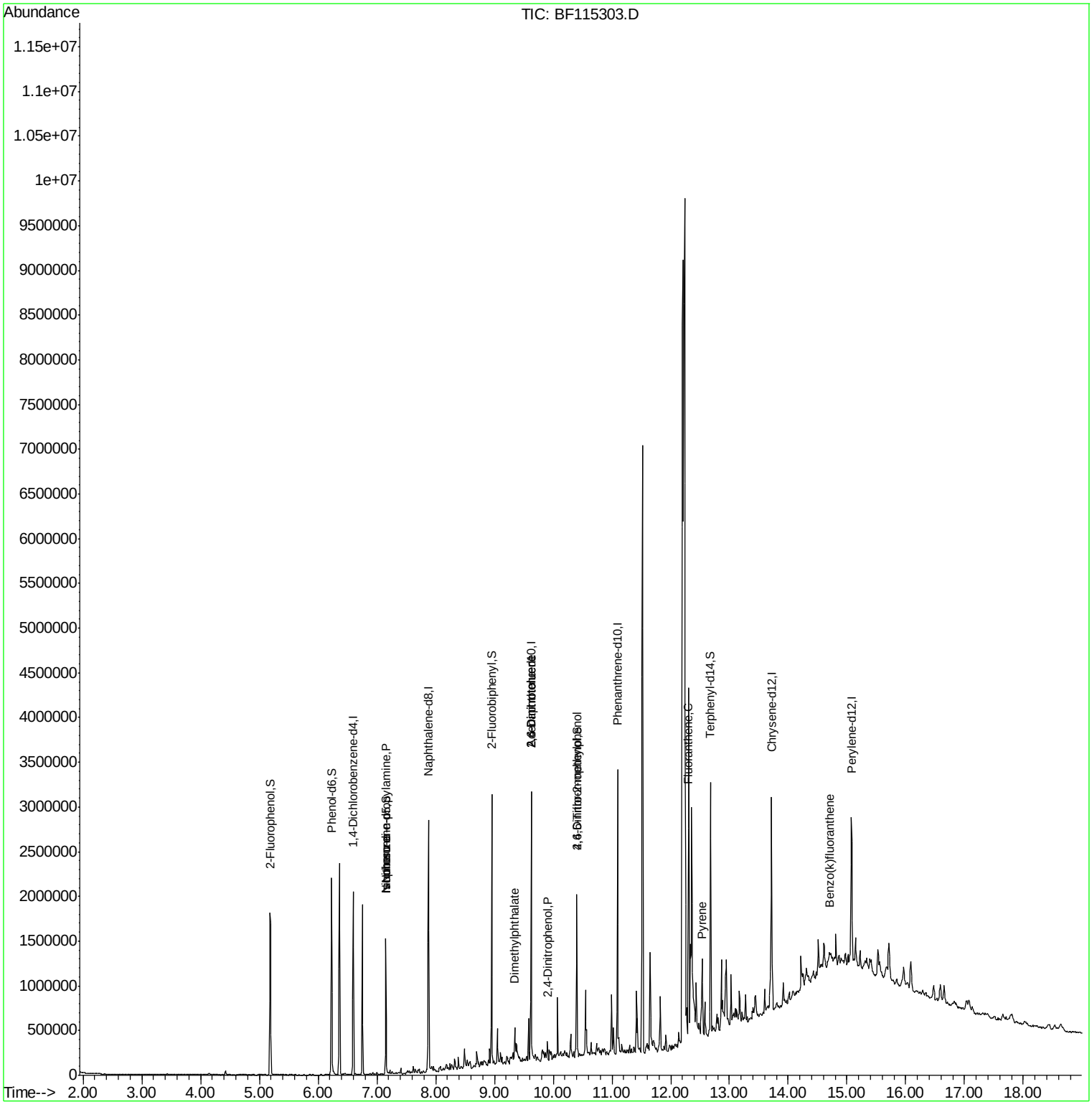
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062819\

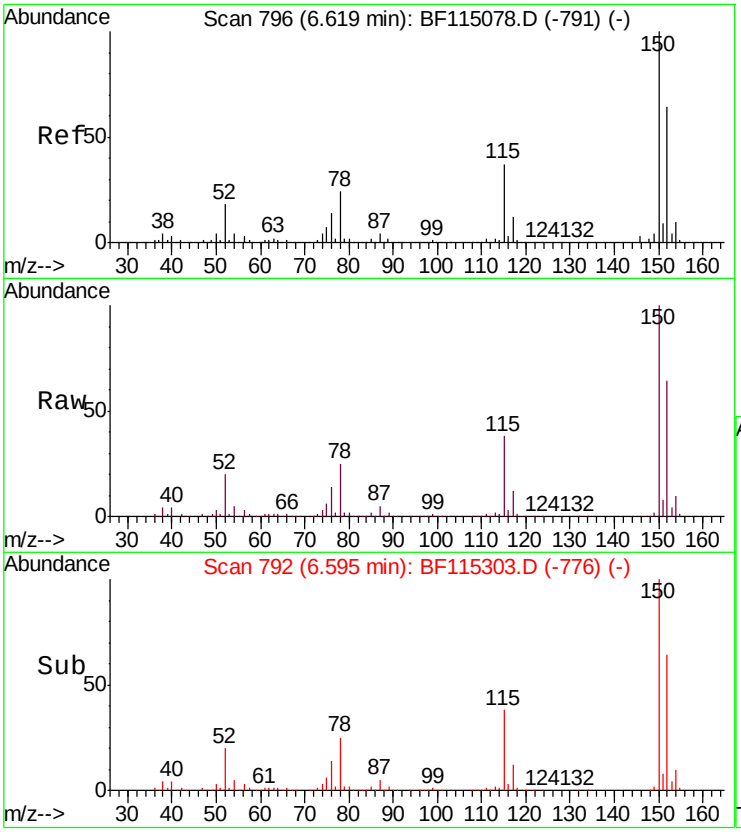
Quantitation Report (Not Reviewed)

Data File : BF115303.D
Acq On : 29 Jun 2019 1:01
Operator : HP/JU
Sample : K3163-15 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-B

Quant Time: Jun 29 02:40:40 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



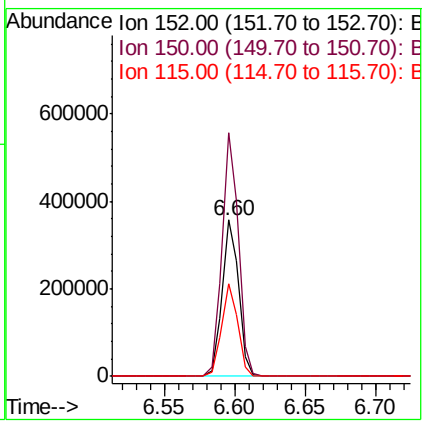


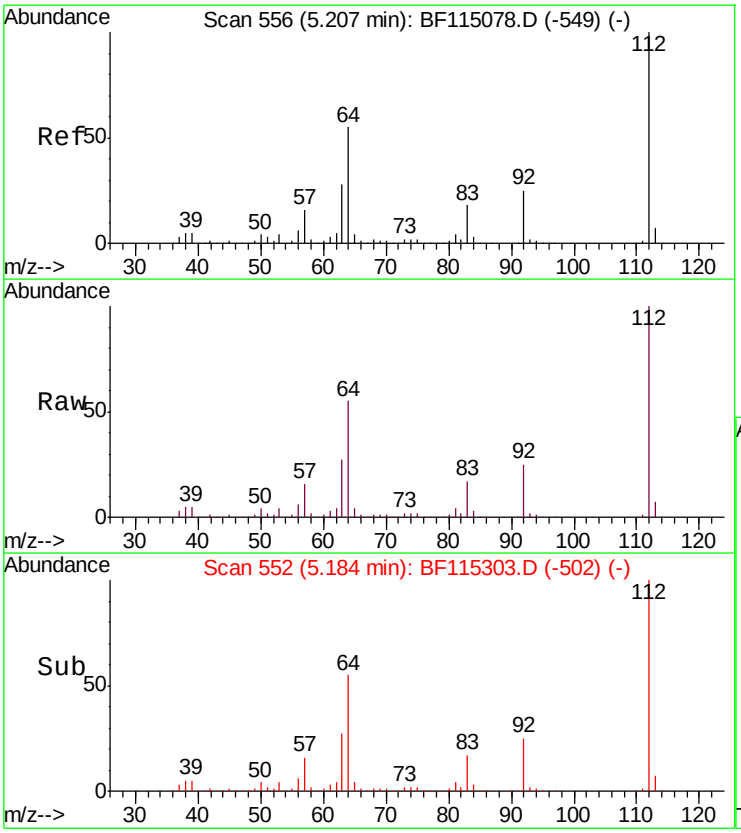
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-B

Tgt Ion:152 Resp: 290196

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.2
115	59.5	46.1	69.1

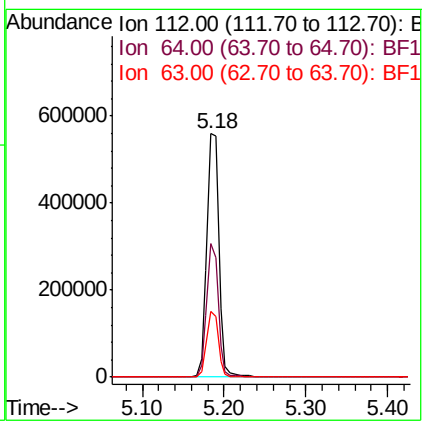


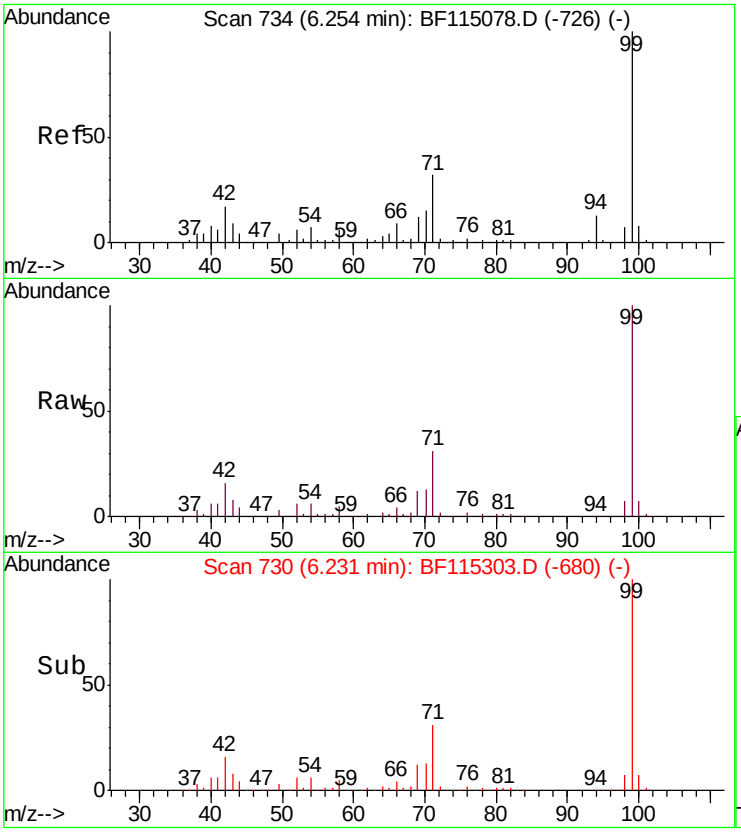


#5
2-Fluorophenol
Concen: 30.599 ng
RT: 5.18 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Tgt Ion:112 Resp: 575412

Ion	Ratio	Lower	Upper
112	100		
64	54.9	43.8	65.6
63	26.9	22.2	33.4



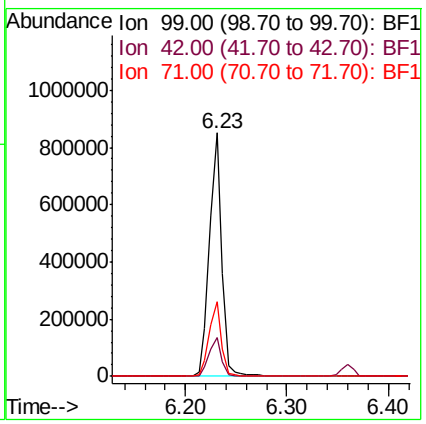


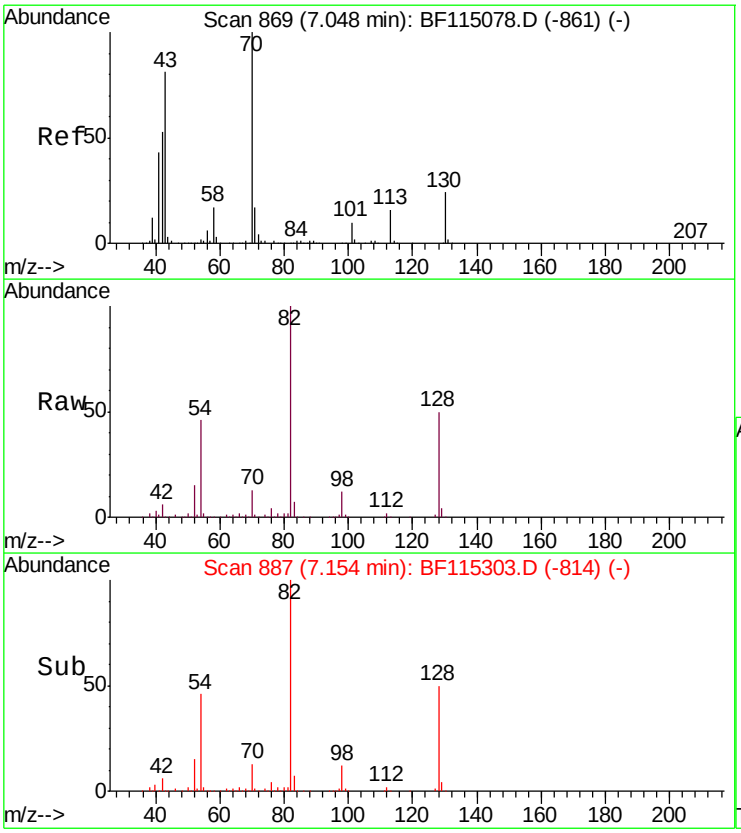
#7
Phenol-d6
Concen: 31.813 ng
RT: 6.23 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-B

Tgt Ion: 99 Resp: 726132

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.6	20.4
71	30.8	25.5	38.3

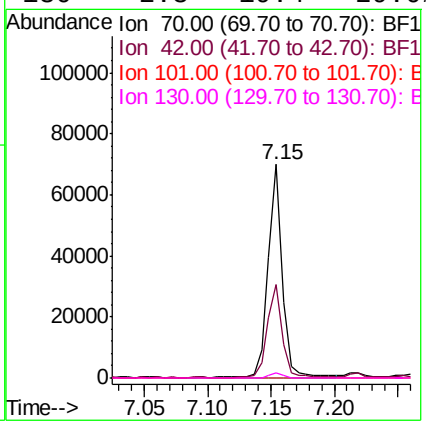


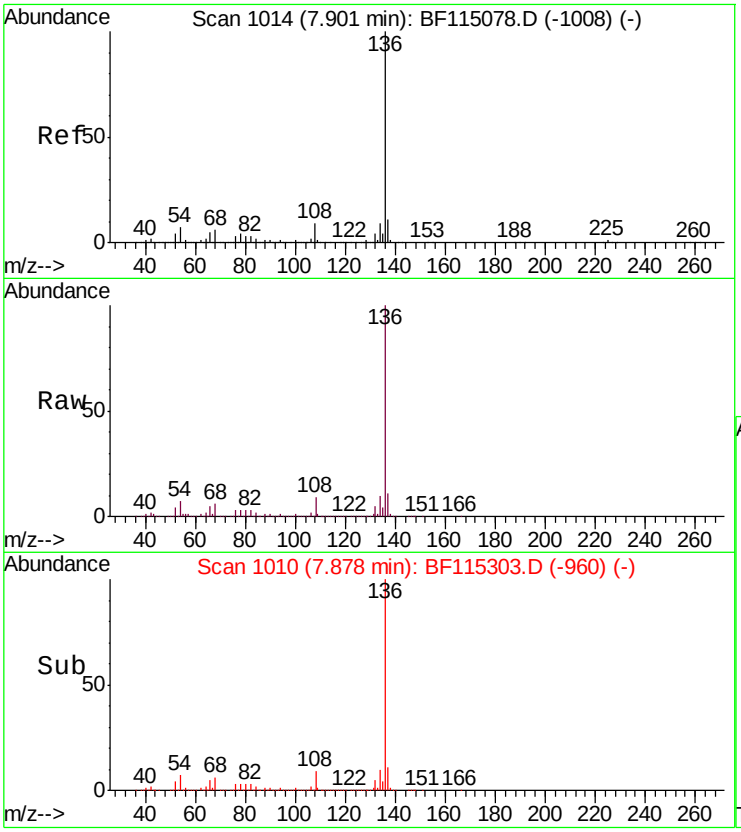


#19
n-Nitroso-di-n-propylamine
Concen: 3.814 ng
RT: 7.15 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Tgt Ion: 70 Resp: 55740

Ion	Ratio	Lower	Upper
70	100		
42	43.6	42.6	63.8
101	0.0	8.0	12.0#
130	2.3	19.4	29.0#



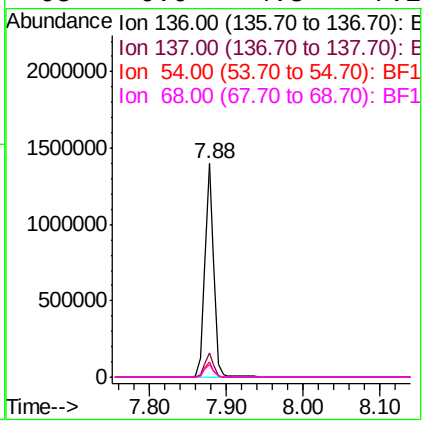


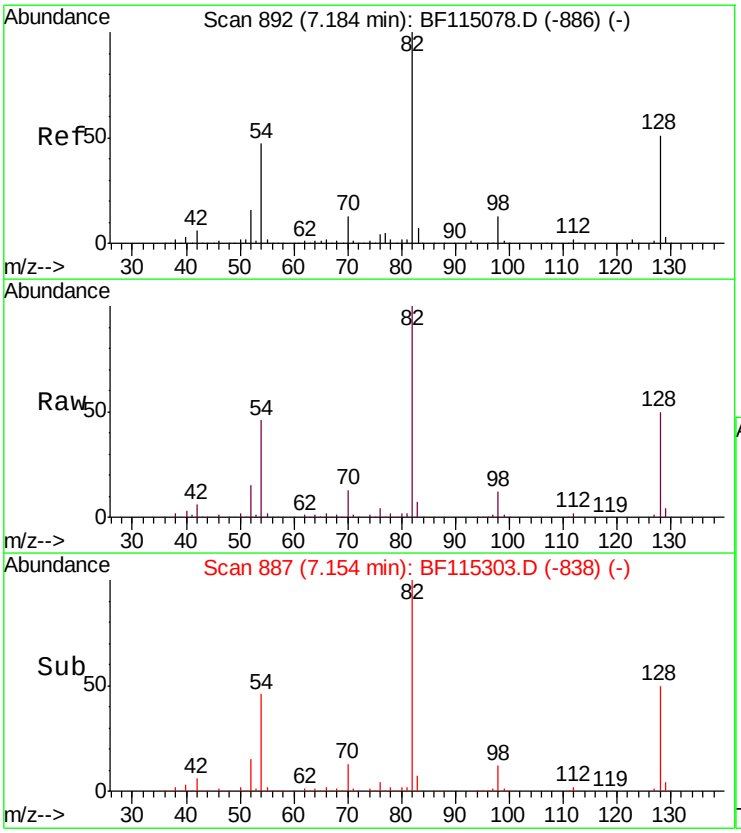
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-B

Tgt Ion:136 Resp: 1121713

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.0	5.6	8.4
68	6.0	4.8	7.2

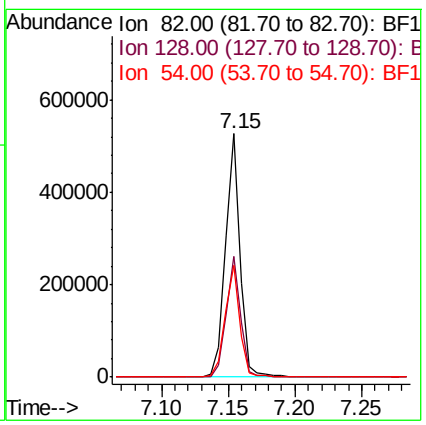


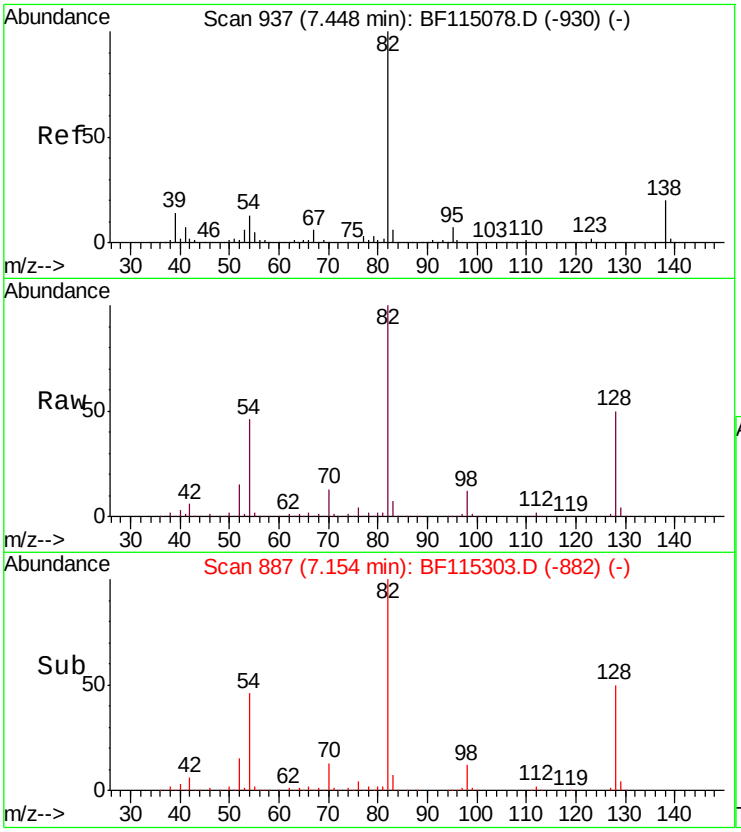


#23
Nitrobenzene-d5
Concen: 22.532 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Tgt Ion: 82 Resp: 410867

Ion	Ratio	Lower	Upper
82	100		
128	49.7	40.4	60.6
54	45.7	37.5	56.3



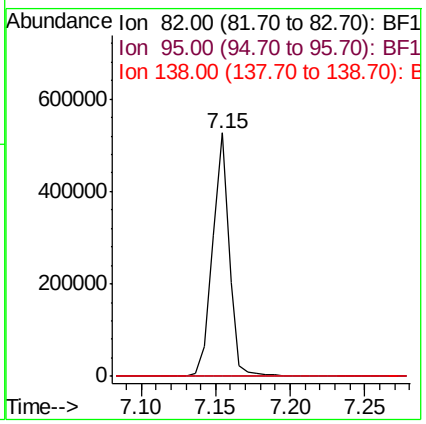


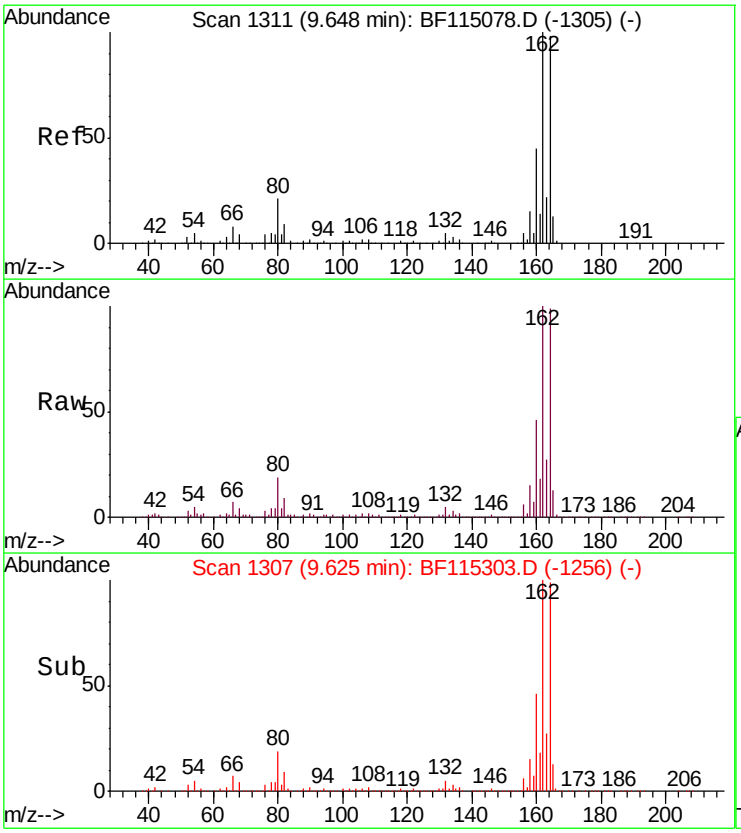
#25
Isophorone
Concen: 10.917 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.27 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-B

Tgt Ion: 82 Resp: 407803

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	15.9	23.9#

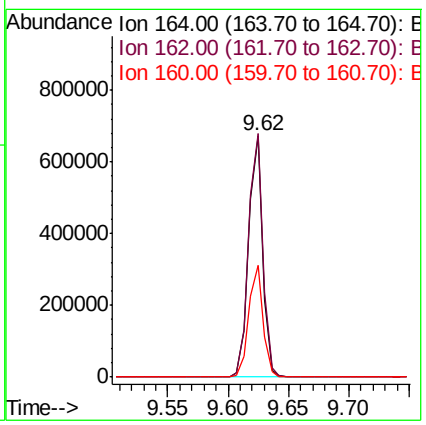


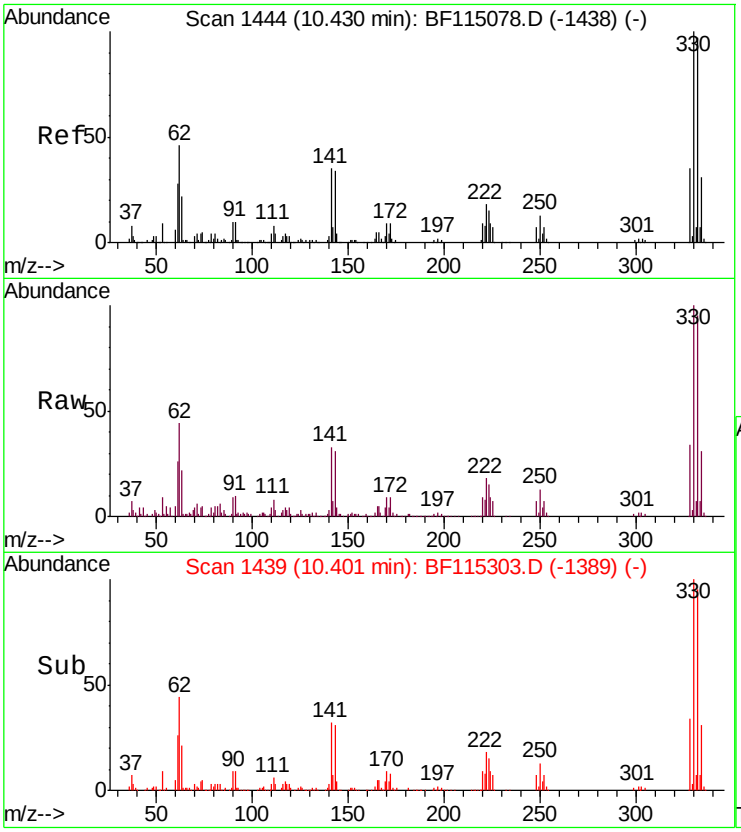


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Tgt Ion:164 Resp: 548018

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.7	122.5
160	46.5	37.0	55.4



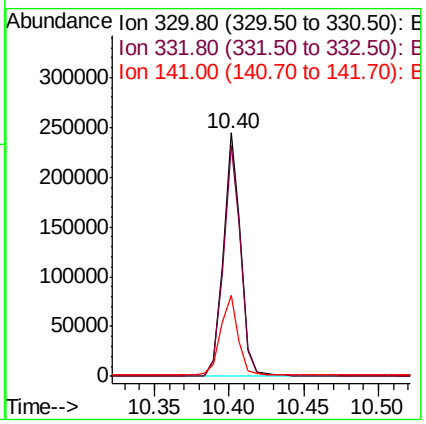


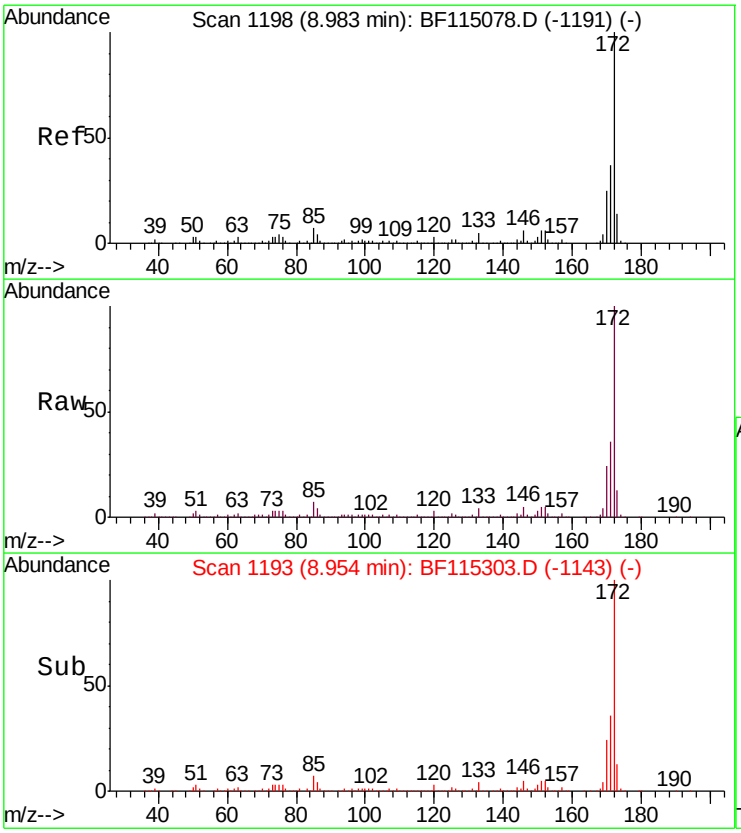
#42
2,4,6-Tribromophenol
Concen: 34.993 ng
RT: 10.40 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-B

Tgt Ion:330 Resp: 202224

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.3	115.9
141	33.0	28.2	42.2

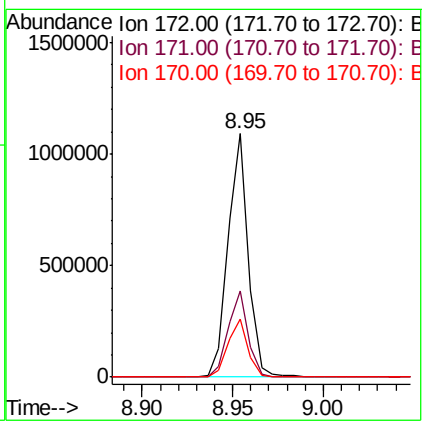


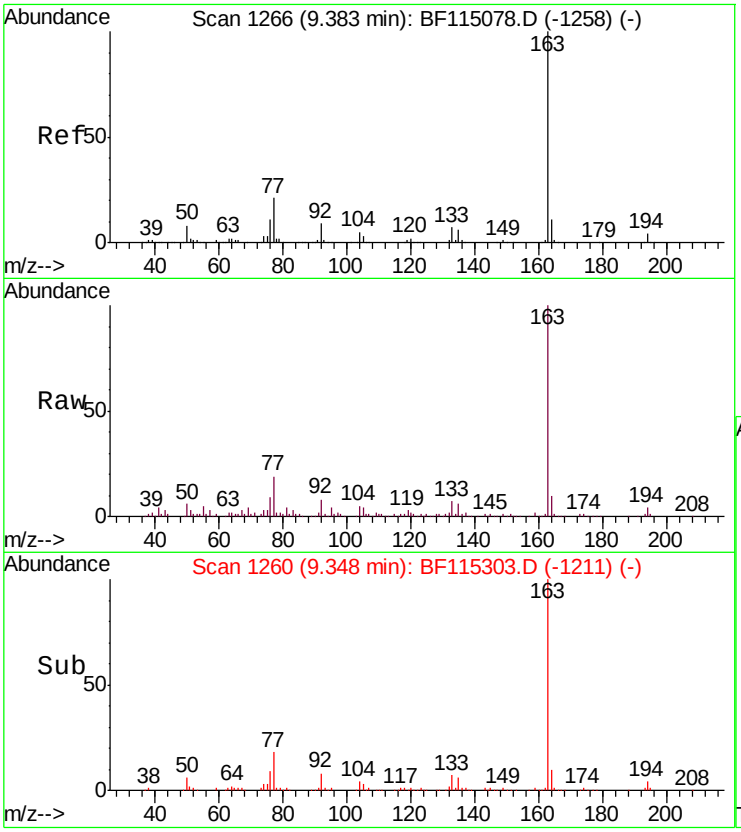


#45
2-Fluorobiphenyl
Concen: 26.267 ng
RT: 8.95 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Tgt Ion:172 Resp: 847429

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.8	44.6
170	23.9	20.3	30.5



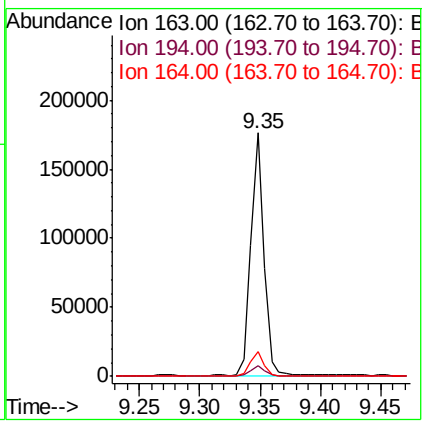


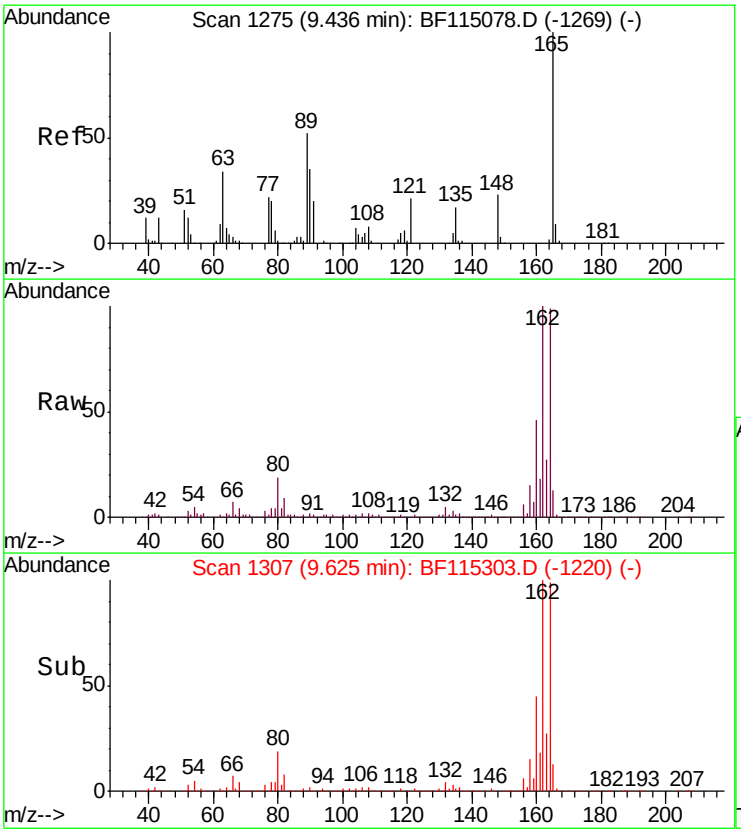
#50
Dimethylphthalate
Concen: 3.322 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-B

Tgt Ion:163 Resp: 133948

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.3	8.6	13.0

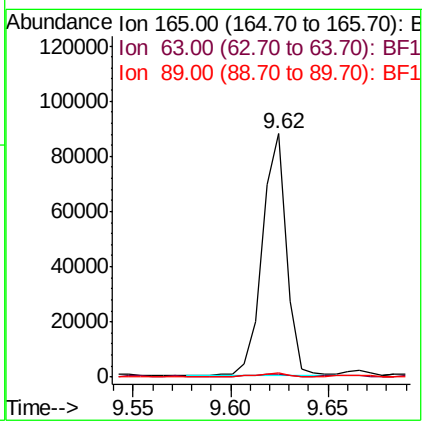


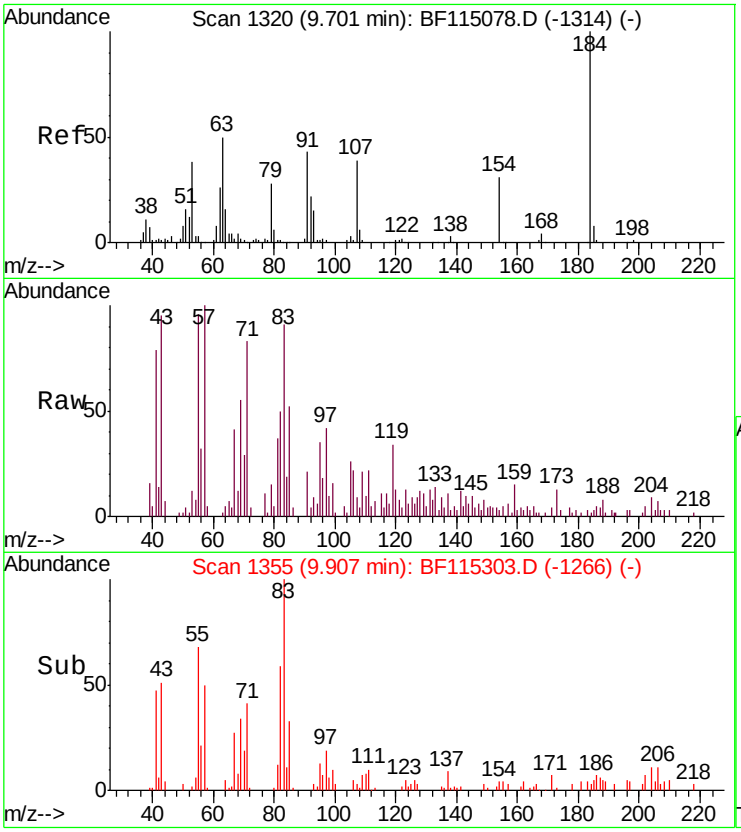


#51
2,6-Dinitrotoluene
Concen: 8.060 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.21 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Tgt Ion:165 Resp: 75025

Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.4	59.2#
89	1.8	42.0	63.0#



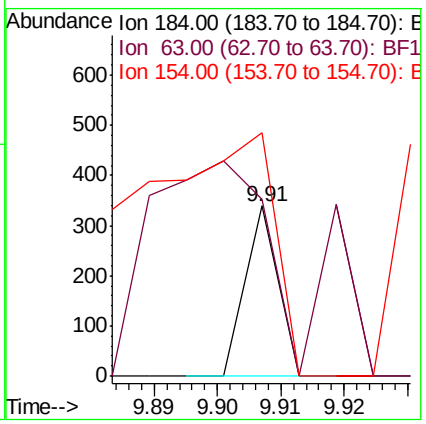


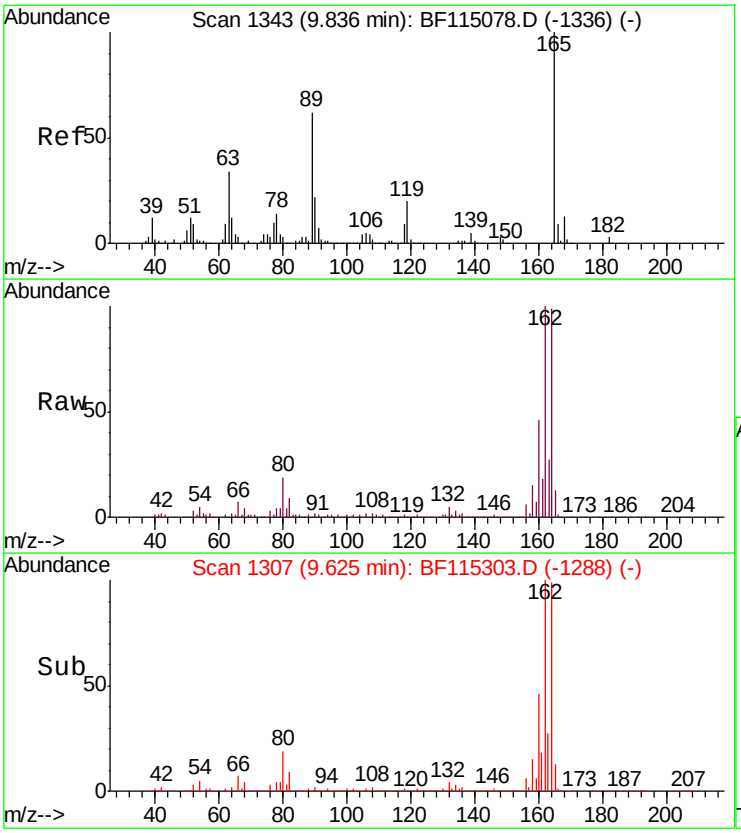
#54
2,4-Dinitrophenol
Concen: 7.367 ng
RT: 9.91 min Scan# 1355
Delta R.T. 0.22 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-B

Tgt Ion:184 Resp: 120

Ion	Ratio	Lower	Upper
184	100		
63	103.8	41.9	62.9#
154	143.1	44.7	67.1#

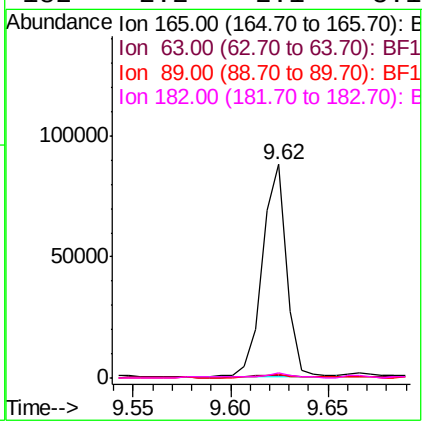


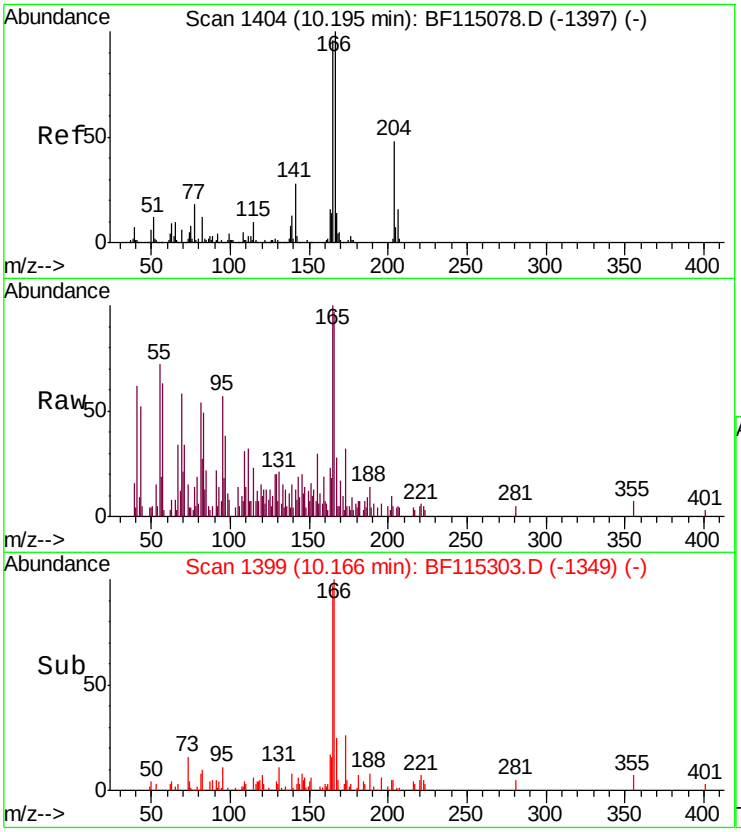


#57
2,4-Dinitrotoluene
Concen: 6.242 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Tgt Ion:165 Resp: 75025

Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.5	41.3#
89	1.8	49.9	74.9#
182	2.2	2.1	3.1



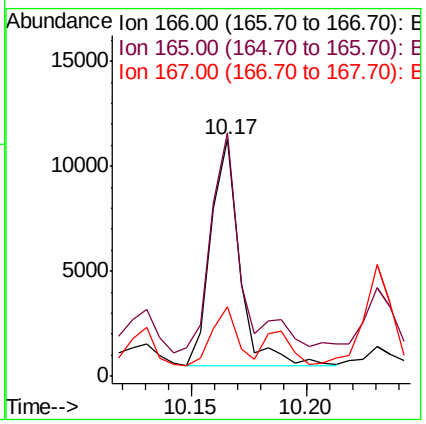


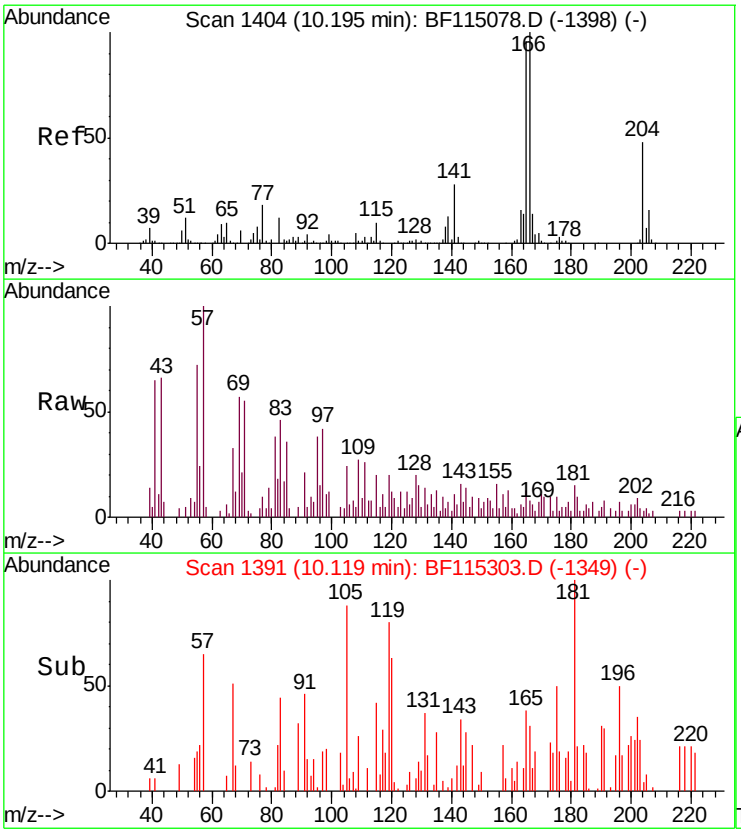
#58
Fluorene
Concen: Below Cal
RT: 10.17 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-B

Tgt Ion:166 Resp: 9275

Ion	Ratio	Lower	Upper
166	100		
165	102.8	76.5	114.7
167	29.2	11.0	16.4#

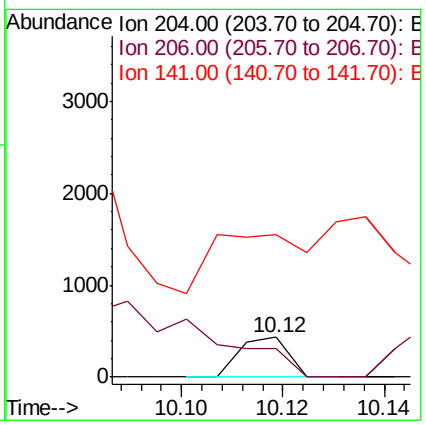


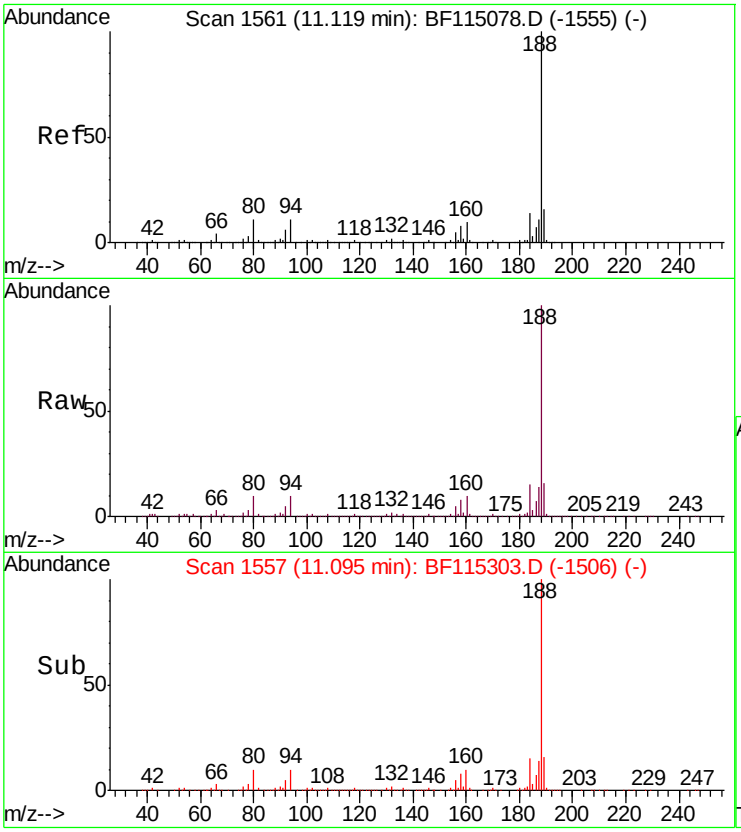


#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.12 min Scan# 1391
Delta R.T. -0.05 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Tgt Ion:204 Resp: 287

Ion	Ratio	Lower	Upper
204	100		
206	73.3	26.6	40.0#
141	362.3	46.7	70.1#



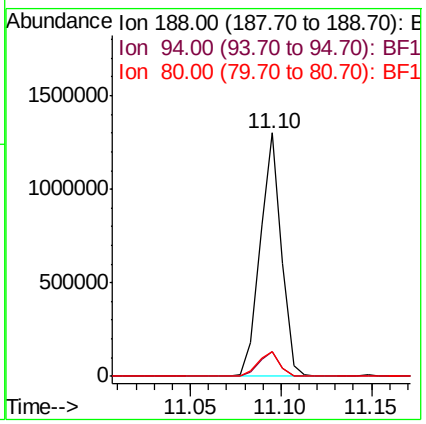


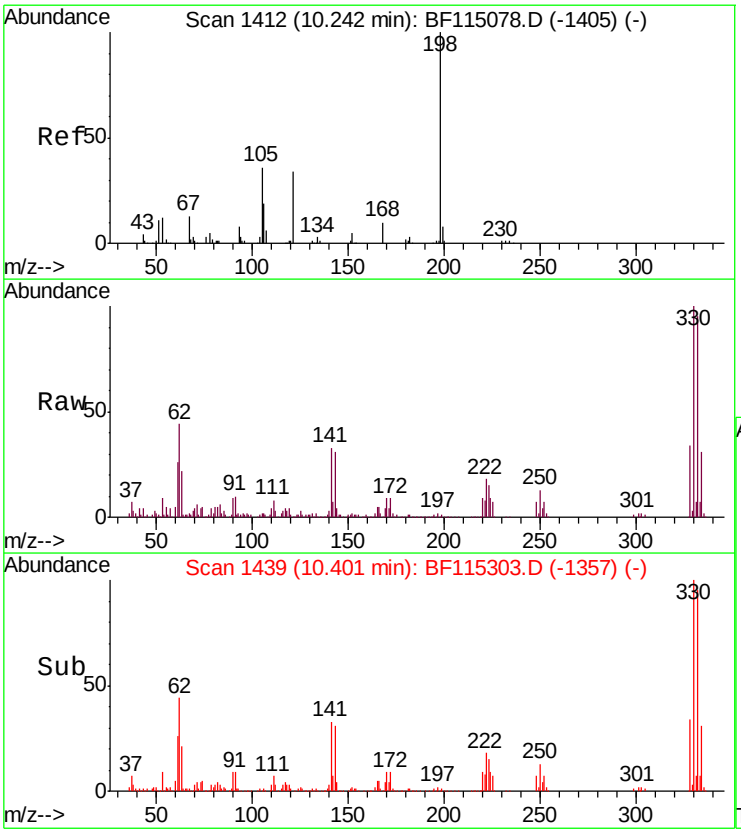
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-B

Tgt Ion:188 Resp: 1049780

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.6	12.8
80	10.2	8.8	13.2

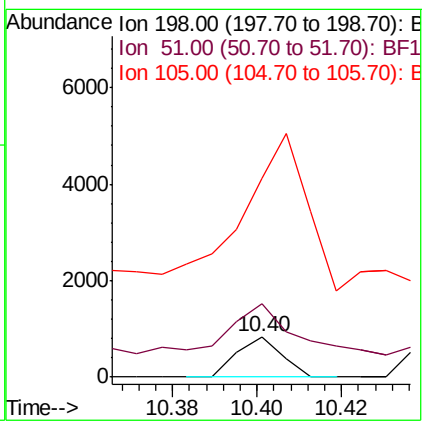


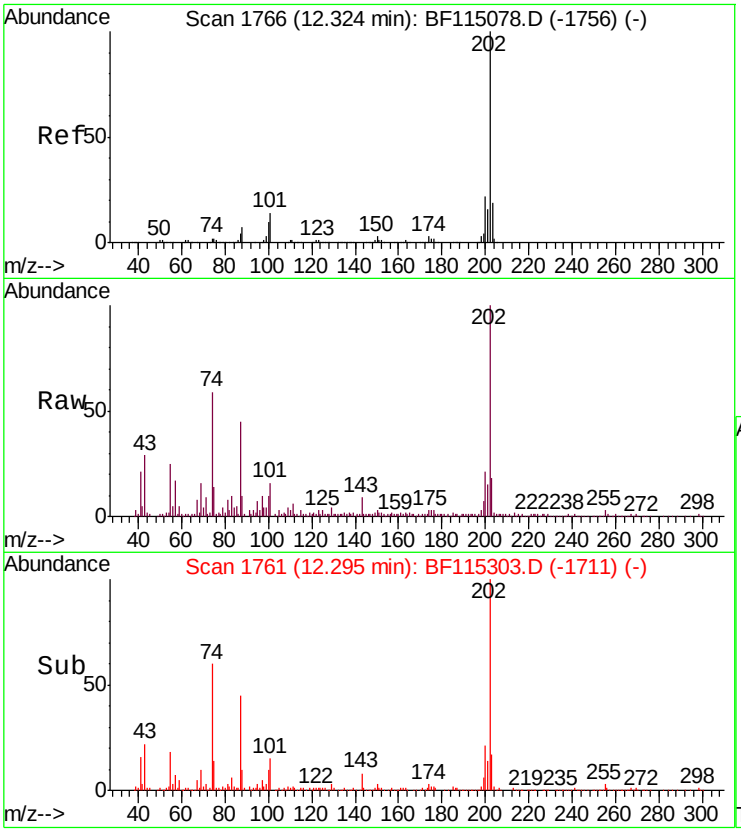


#65
4,6-Dinitro-2-methylphenol
Concen: 5.058 ng
RT: 10.40 min Scan# 1439
Delta R.T. 0.18 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Tgt Ion:198 Resp: 609

Ion	Ratio	Lower	Upper
198	100		
51	181.2	11.0	51.0#
105	492.3	17.3	57.3#



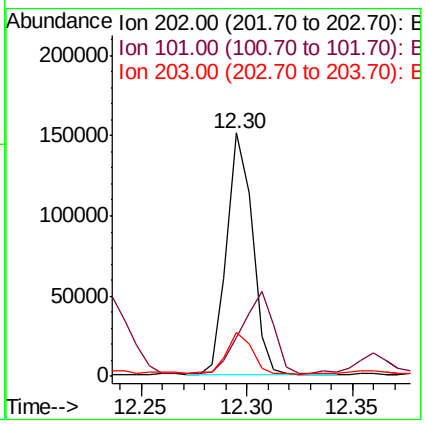


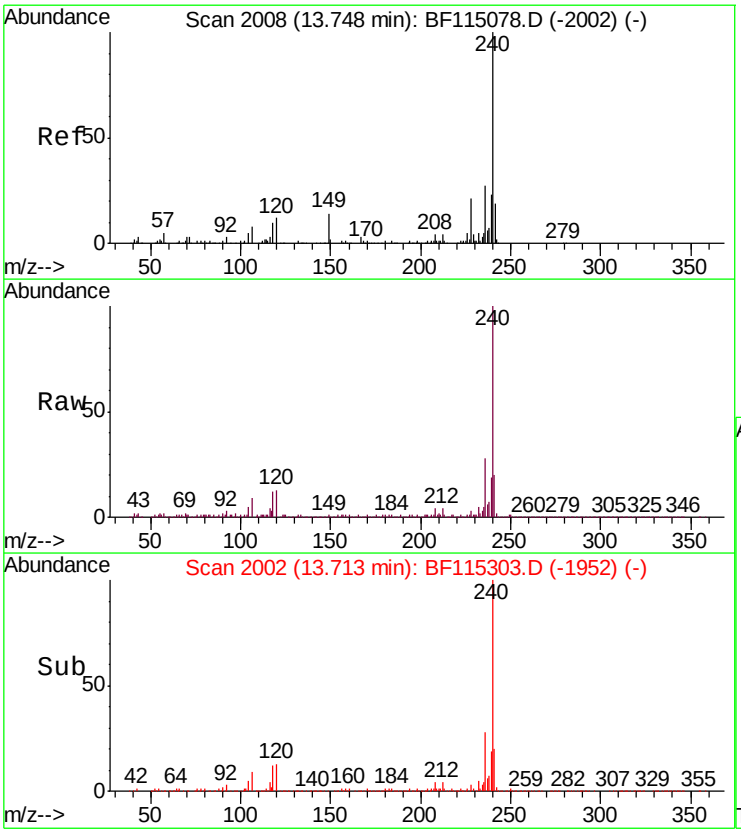
#75
Fluoranthene
Concen: 2.254 ng
RT: 12.30 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-B

Tgt Ion:202 Resp: 127128

Ion	Ratio	Lower	Upper
202	100		
101	15.8	0.0	34.0
203	18.0	0.0	38.8

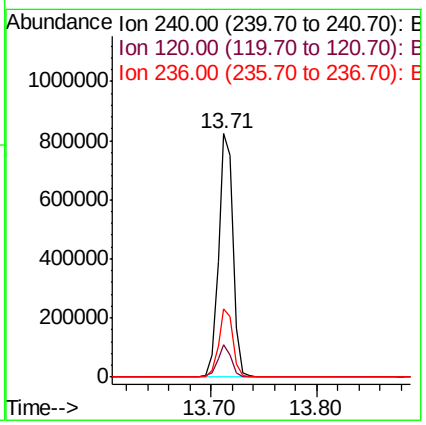


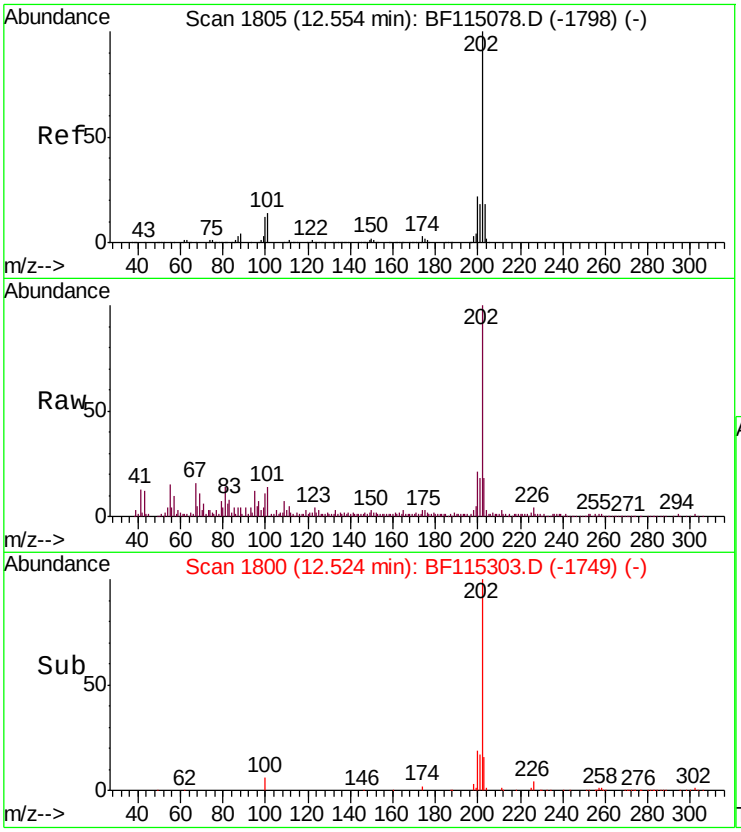


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Tgt Ion:240 Resp: 786266

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.4	14.2
236	28.0	21.7	32.5



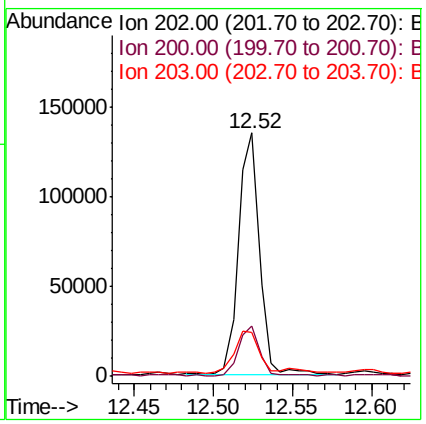


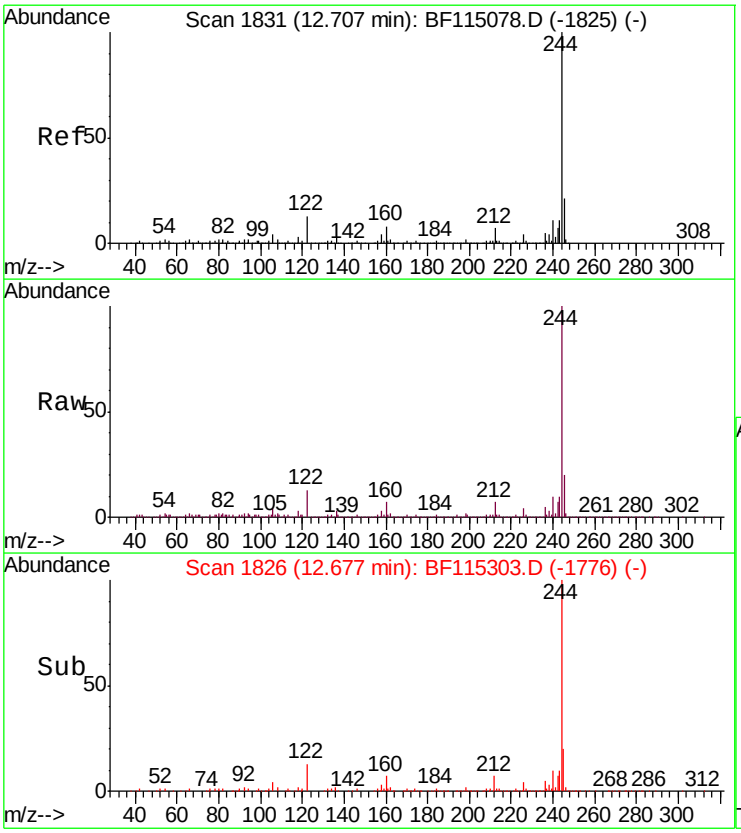
#78
Pyrene
Concen: 2.018 ng
RT: 12.52 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-B

Tgt Ion:202 Resp: 121960

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.9	26.9
203	18.1	14.6	21.8

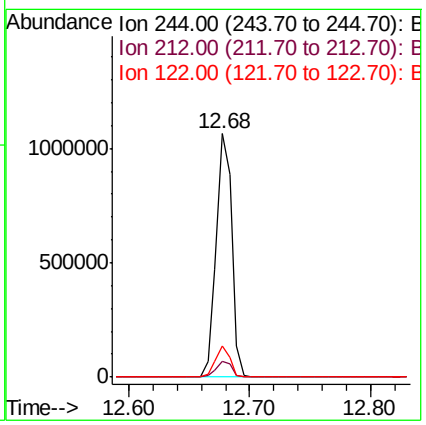


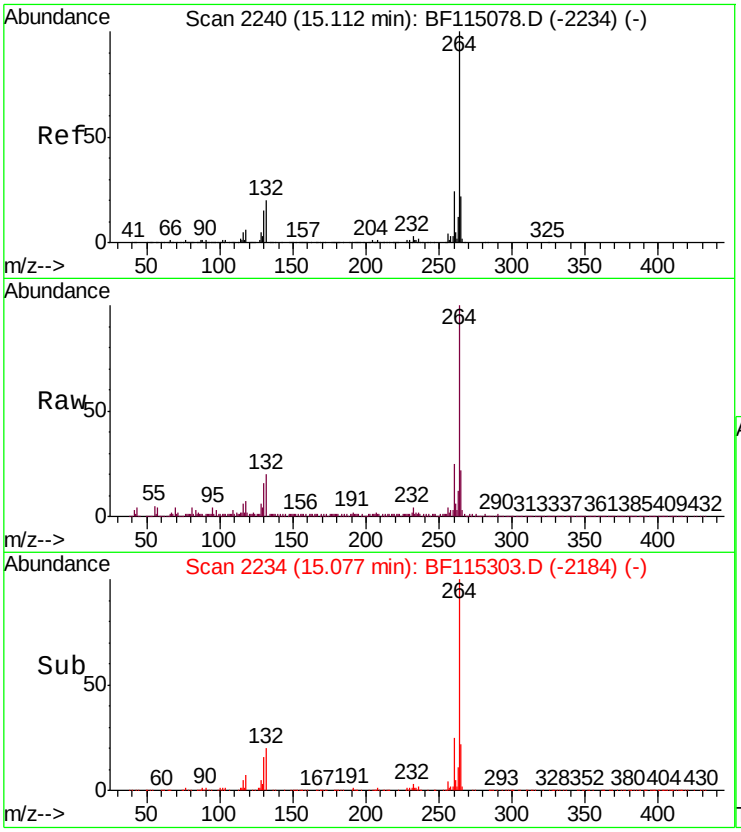


#79
Terphenyl-d14
Concen: 25.341 ng
RT: 12.68 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Tgt Ion:244 Resp: 937117

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	12.8	10.4	15.6



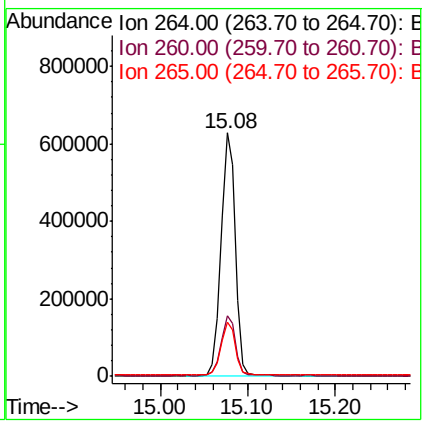


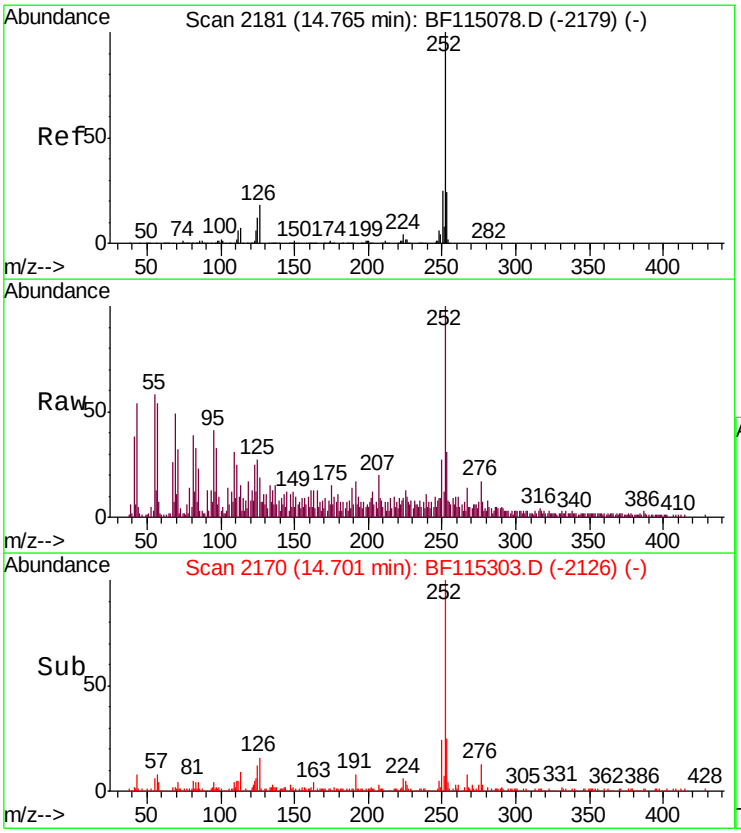
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-B

Tgt Ion:264 Resp: 708736

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	22.5	17.3	25.9





#89
Benzo(k)fluoranthene
Concen: 2.201 ng
RT: 14.70 min Scan# 2170
Delta R.T. -0.04 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Tgt Ion:252 Resp: 87302

Ion	Ratio	Lower	Upper
252	100		
253	30.6	18.9	28.3#
125	27.0	10.2	15.2#