Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115158.D
Acq On : 24 Jun 2019 20:21
Operator : HP/JU
Sample : K3447-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JUNCTION

Quant Time: Jun 25 07:41:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	262587	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	986228	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	493904	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	983872	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	778147	20.00	ng	-0.02
87) Perylene-d12	15.09	264	670528	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1786792	105.01	ng	0.00
7) Phenol-d6	6.25	99	2154173	104.30	ng	0.00
23) Nitrobenzene-d5	7.17	82	1294470	80.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	539547	103.59	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2181885	75.04	ng	-0.01
79) Terphenyl-d14	12.69	244	2434913	66.53	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.17	70	172966	13.081	ng	# 77
25) Isophorone	7.17	82	1283277	39.073	ng	# 63
50) Dimethylphthalate	9.36	163	332789	9.158	ng	99
57) 2,4-Dinitrotoluene	9.64	165	63311	5.845	ng	# 30
58) Fluorene	10.18	166	810	Below Cal		# 68
65) 4,6-Dinitro-2-methylphenol	10.42	198	1171	5.160	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	34276	3.213	ng	# 1

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

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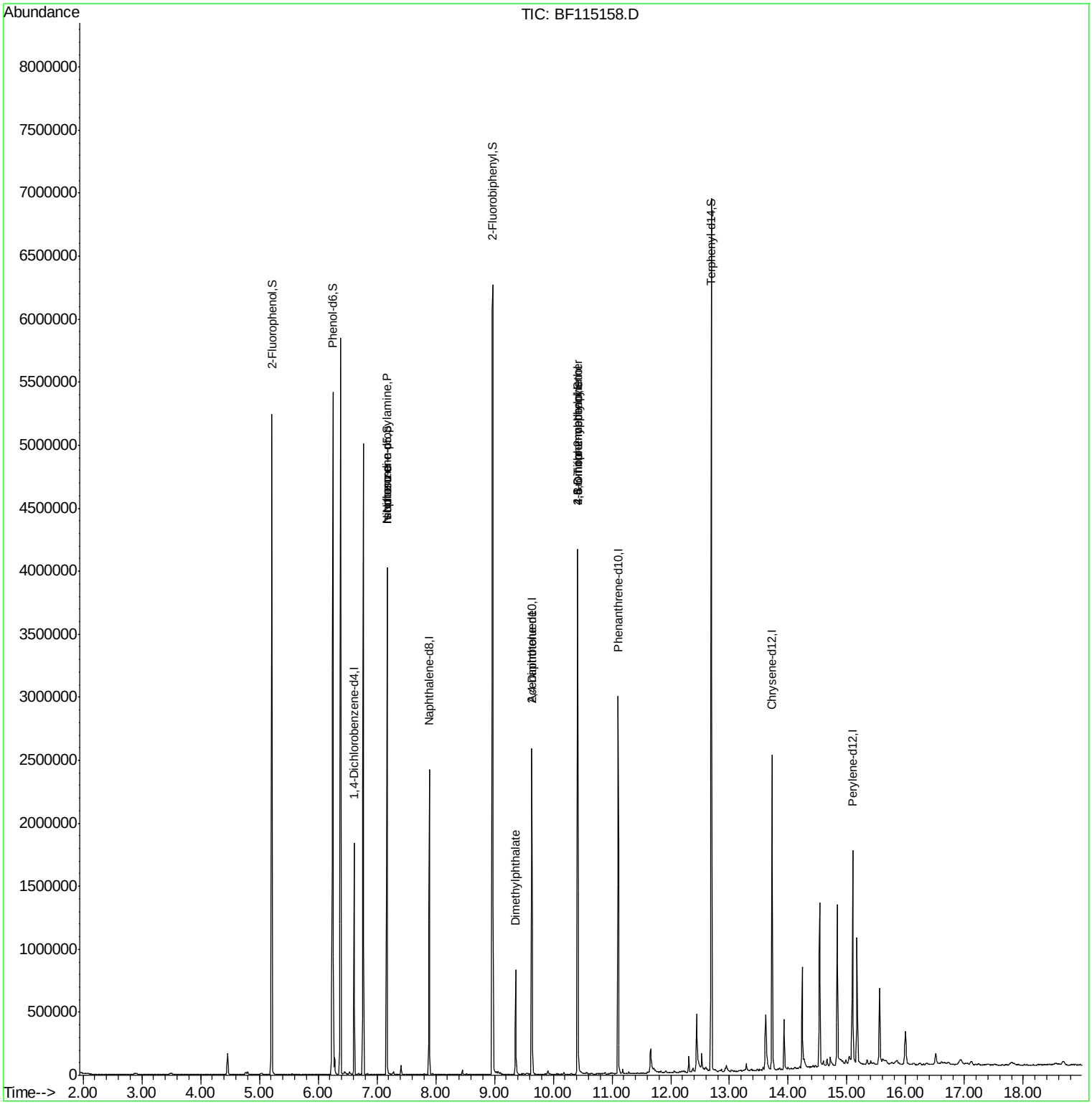
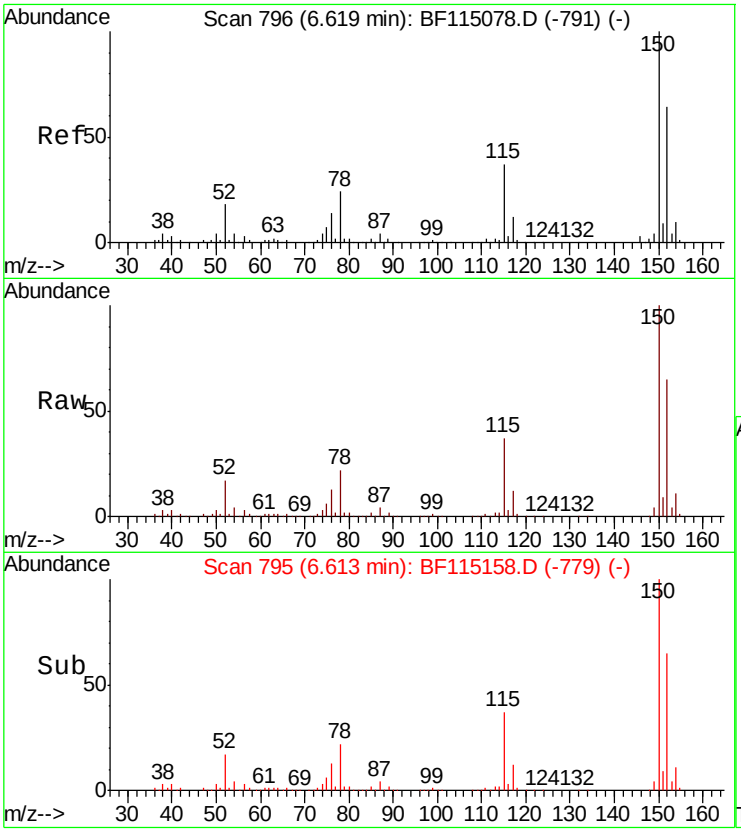


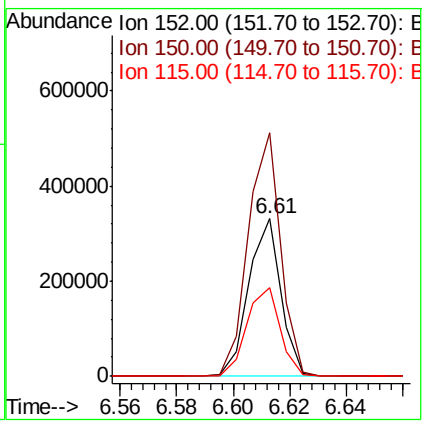


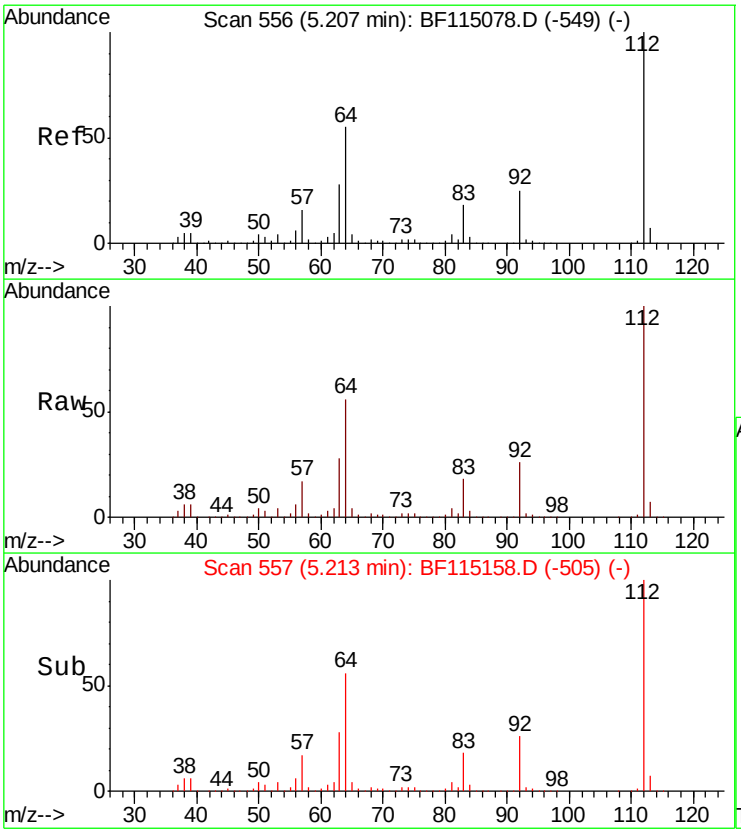
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Instrument :
BNA_F
ClientSampleId :
JUNCTION

Tgt Ion:152 Resp: 262587

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.2	186.2
115	56.5	46.1	69.1

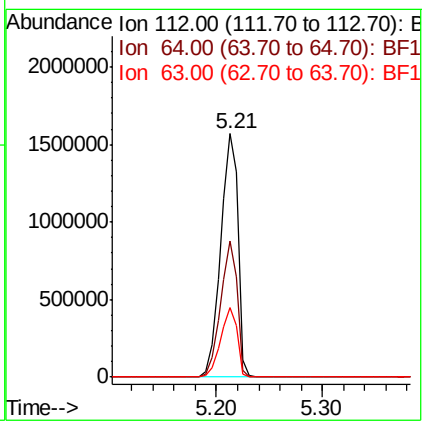


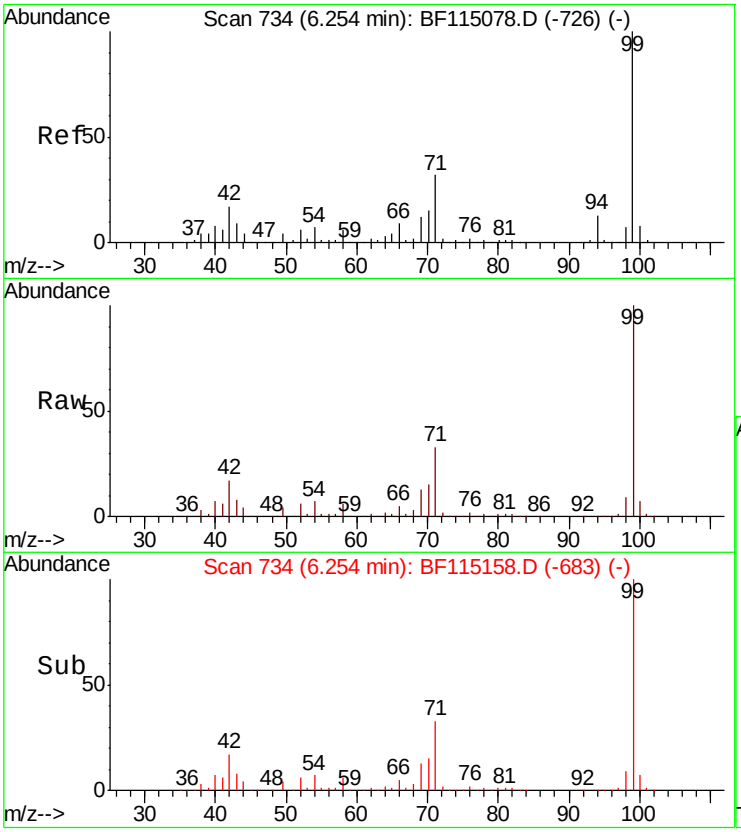


#5
2-Fluorophenol
Concen: 105.006 ng
RT: 5.21 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Tgt Ion:112 Resp: 1786792

Ion	Ratio	Lower	Upper
112	100		
64	55.7	43.8	65.6
63	28.3	22.2	33.4



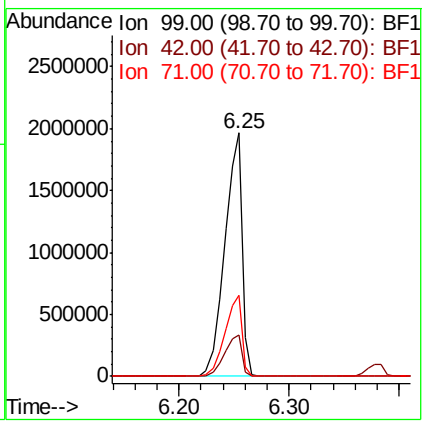


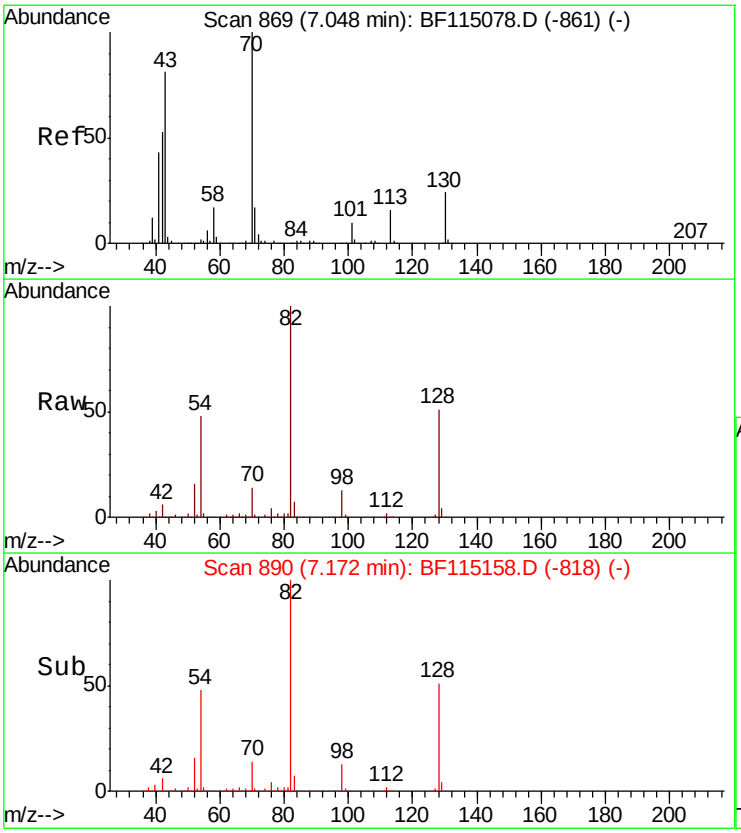
#7
Phenol-d6
Concen: 104.301 ng
RT: 6.25 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Instrument :
BNA_F
ClientSampleId :
JUNCTION

Tgt Ion: 99 Resp: 2154173

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.6	20.4
71	33.2	25.5	38.3

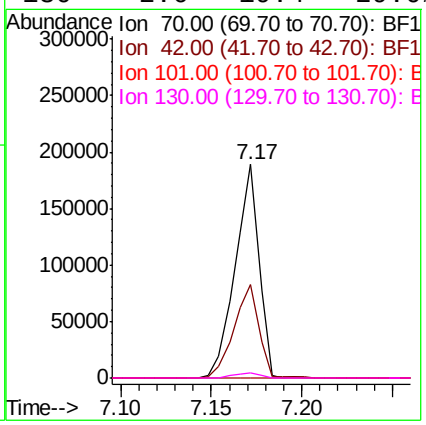


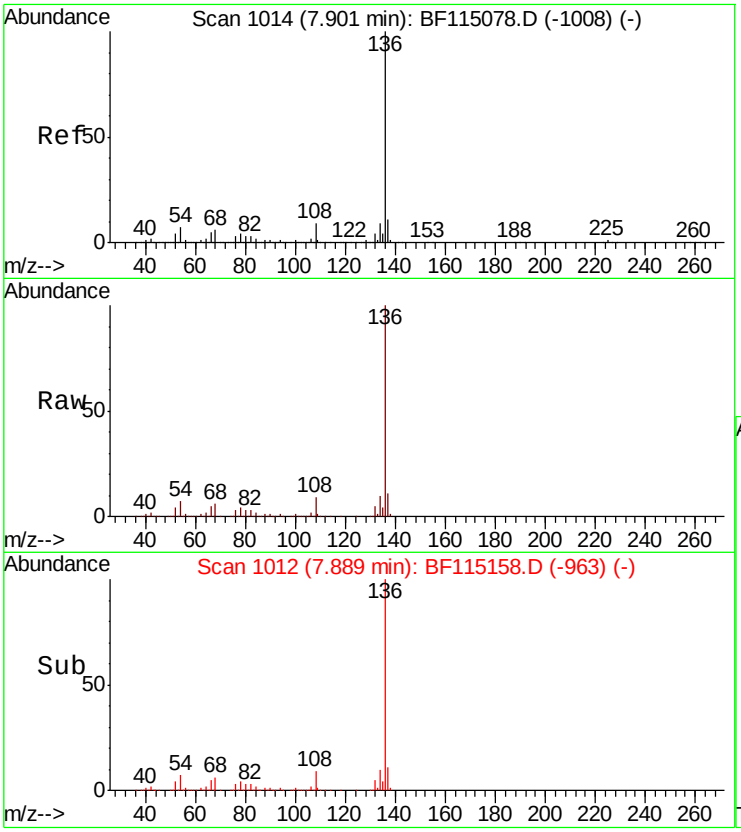


#19
n-Nitroso-di-n-propylamine
Concen: 13.081 ng
RT: 7.17 min Scan# 890
Delta R.T. 0.12 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Tgt Ion: 70 Resp: 172966

Ion	Ratio	Lower	Upper
70	100		
42	43.8	42.6	63.8
101	0.0	8.0	12.0#
130	2.6	19.4	29.0#



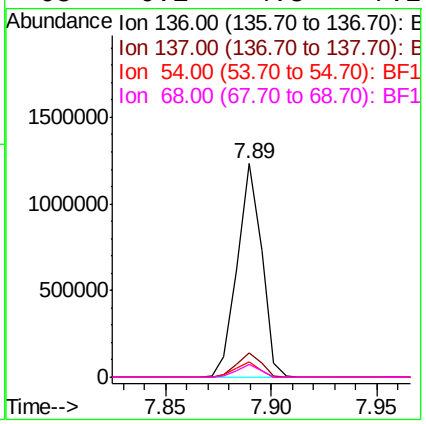


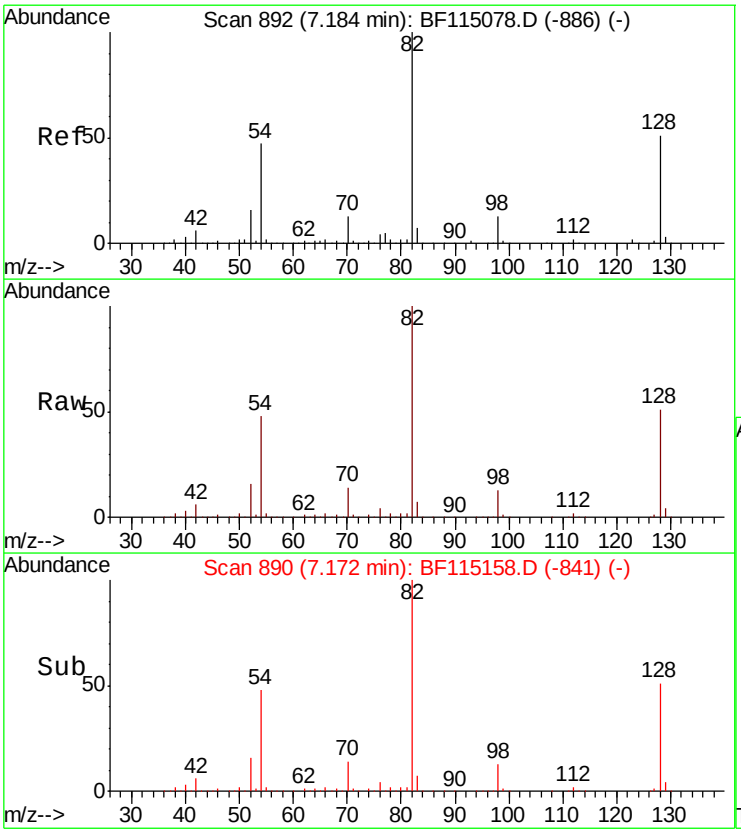
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Instrument :
BNA_F
ClientSampleId :
JUNCTION

Tgt Ion:136 Resp: 986228

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.2	5.6	8.4
68	6.1	4.8	7.2

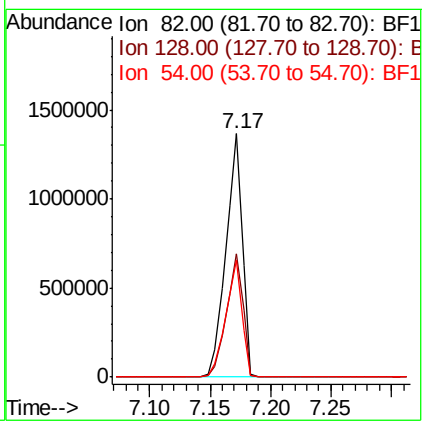


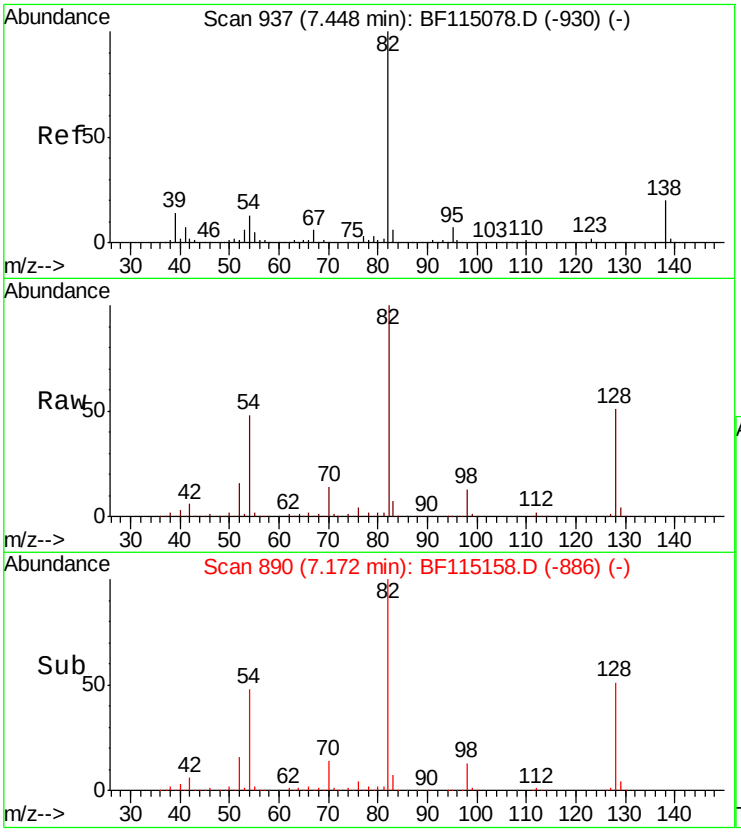


#23
Nitrobenzene-d5
Concen: 80.742 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Tgt Ion: 82 Resp: 1294470

Ion	Ratio	Lower	Upper
82	100		
128	50.6	40.4	60.6
54	47.9	37.5	56.3



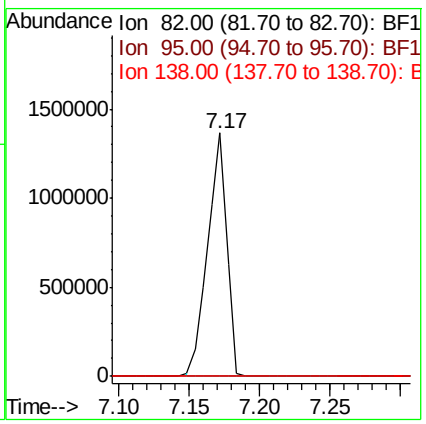


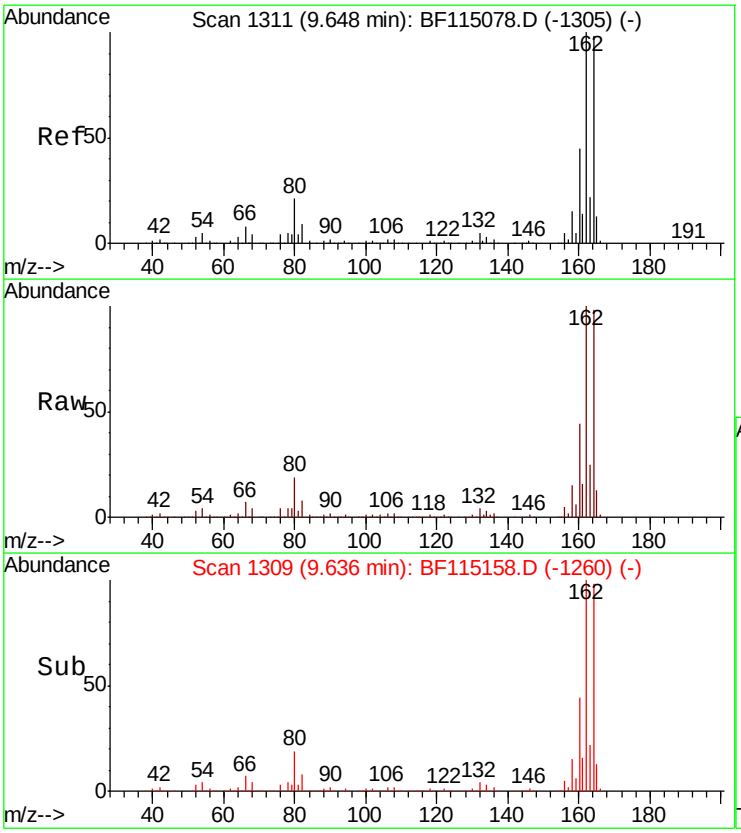
#25
Isophorone
Concen: 39.073 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.28 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Instrument :
BNA_F
ClientSampleId :
JUNCTION

Tgt Ion: 82 Resp: 1283277

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

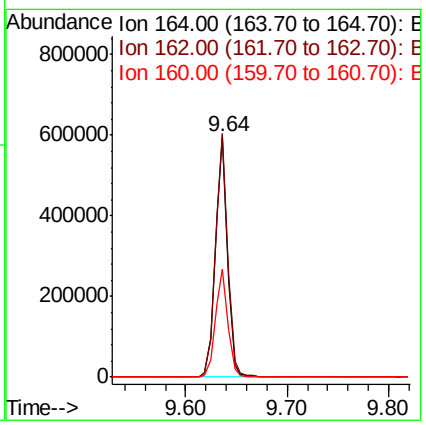


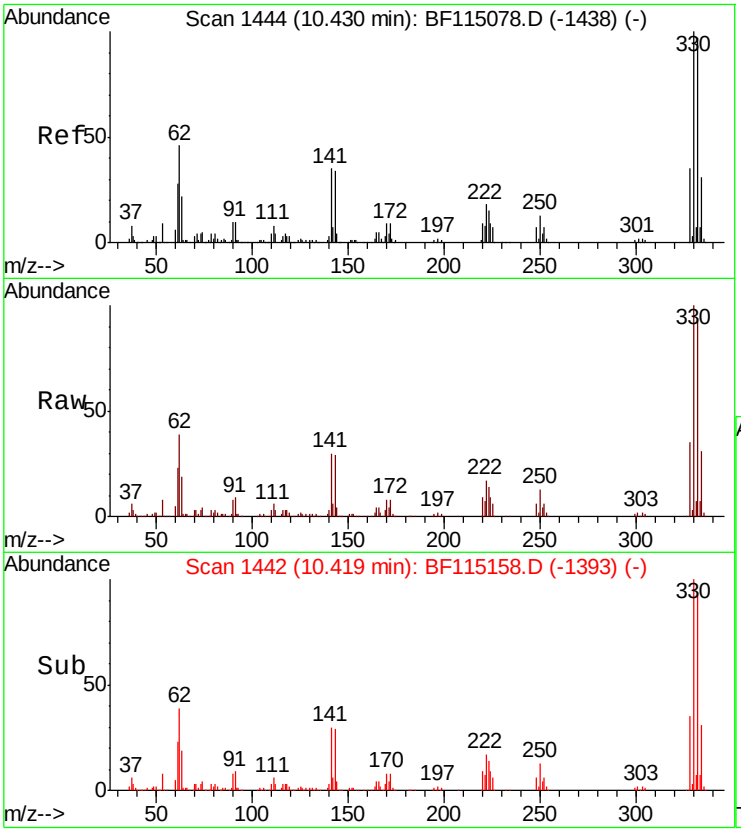


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Tgt Ion:164 Resp: 493904

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.7	122.5
160	45.0	37.0	55.4



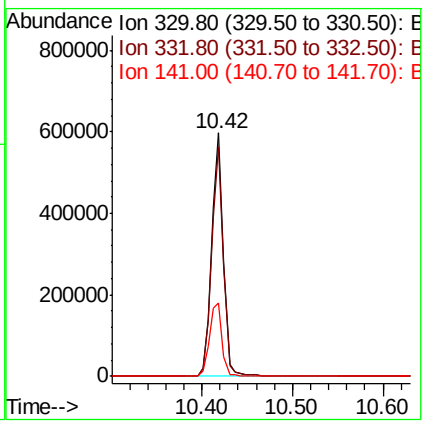


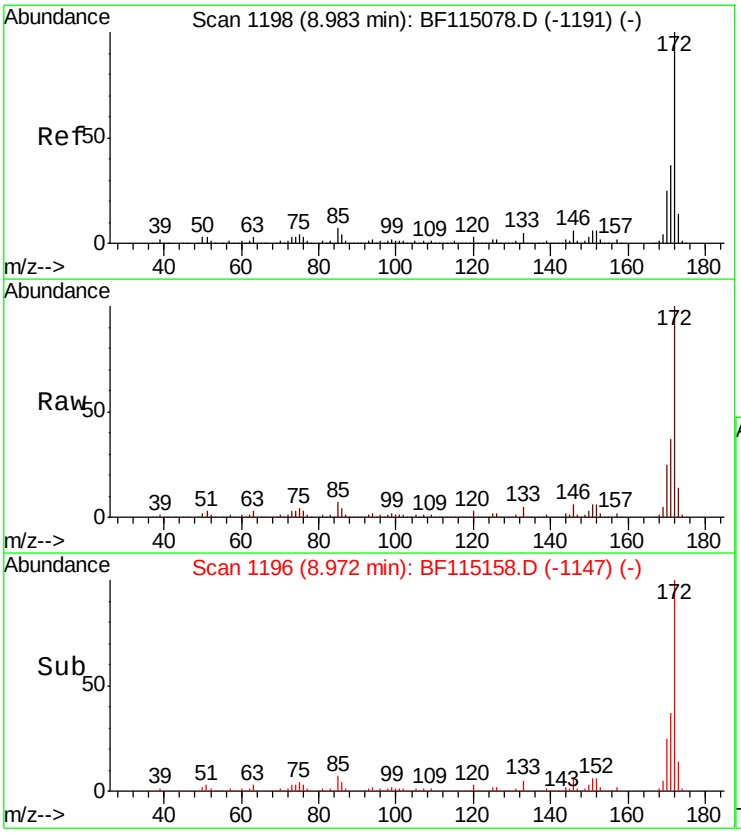
#42
2,4,6-Tribromophenol
Concen: 103.592 ng
RT: 10.42 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Instrument :
BNA_F
ClientSampleId :
JUNCTION

Tgt Ion:330 Resp: 539547

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	33.0	28.2	42.2

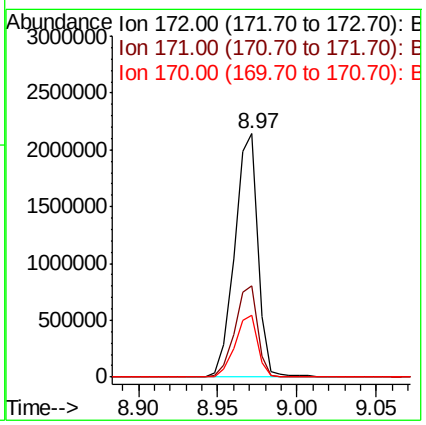


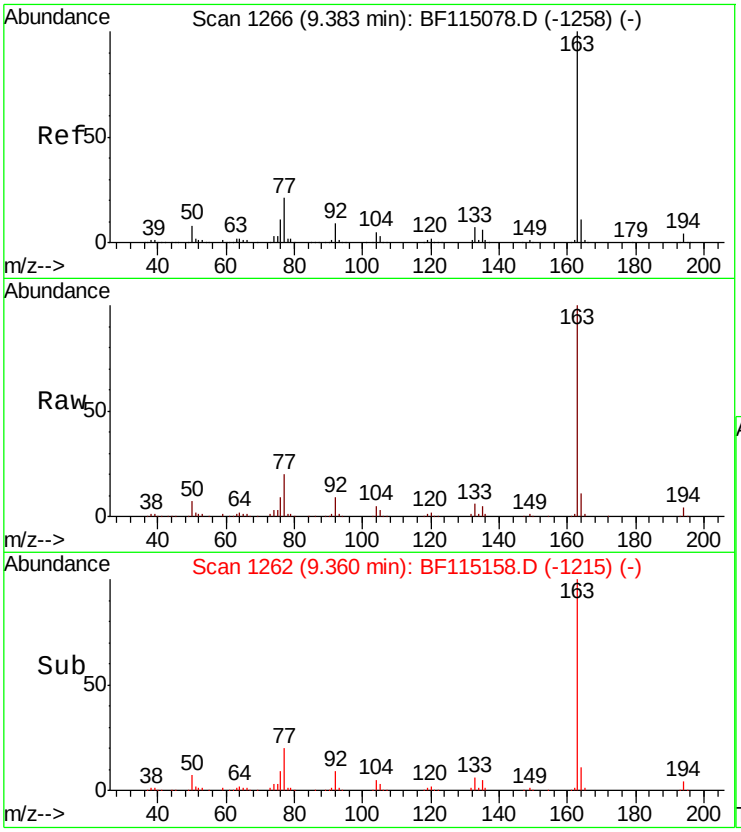


#45
2-Fluorobiphenyl
Concen: 75.039 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Tgt Ion:172 Resp: 2181885

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	25.2	20.3	30.5



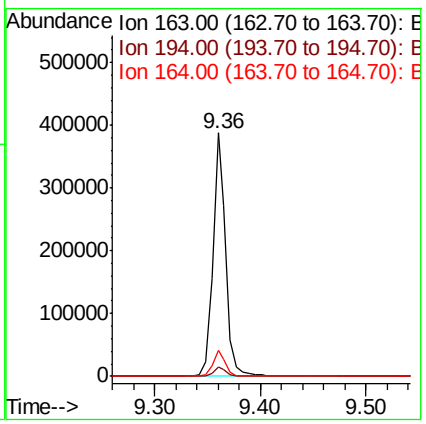


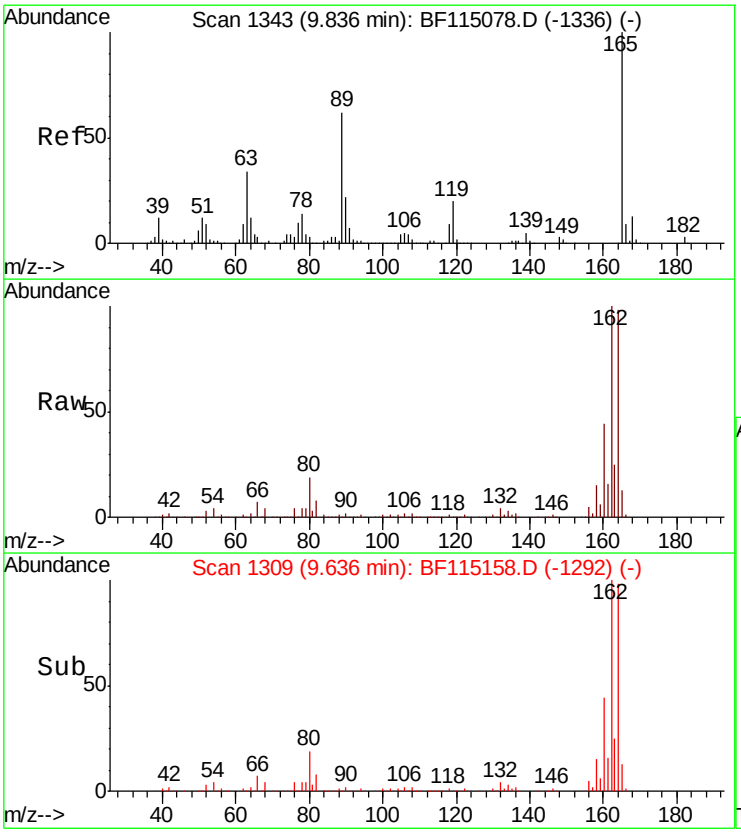
#50
Dimethylphthalate
Concen: 9.158 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Instrument :
BNA_F
ClientSampleId :
JUNCTION

Tgt Ion:163 Resp: 332789

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.6	8.6	13.0

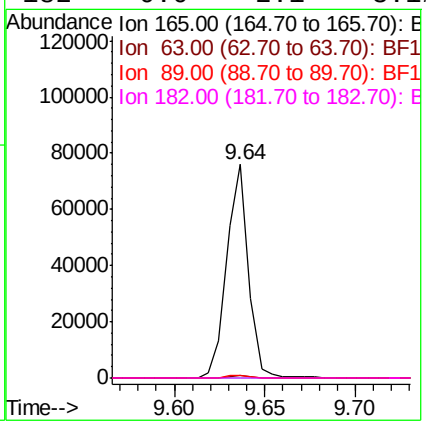


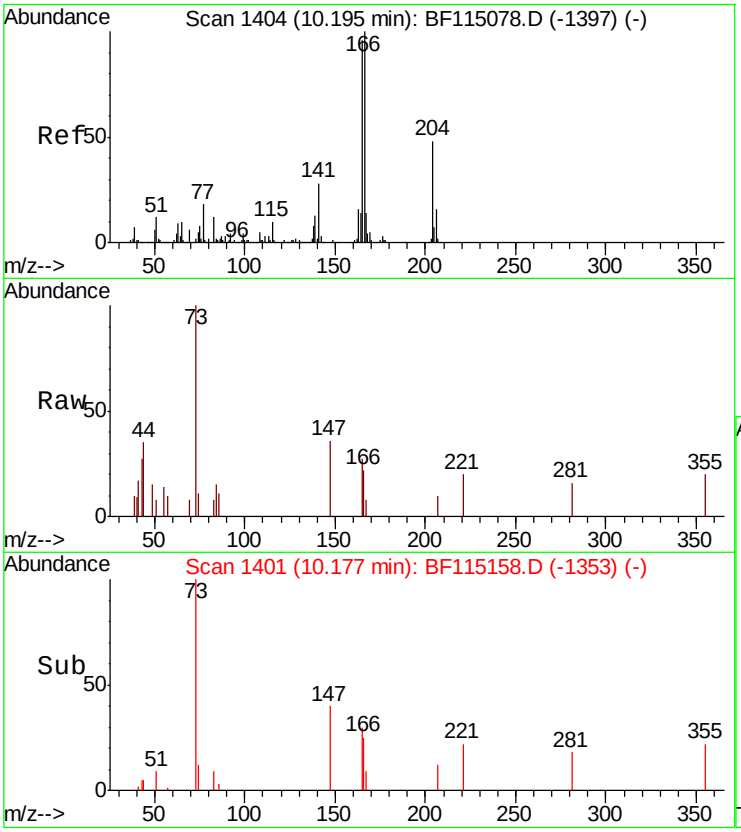


#57
2,4-Dinitrotoluene
Concen: 5.845 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Tgt Ion:165 Resp: 63311

Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.5	41.3#
89	1.1	49.9	74.9#
182	0.0	2.1	3.1#



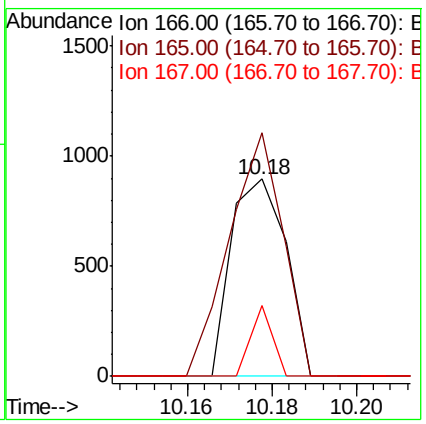


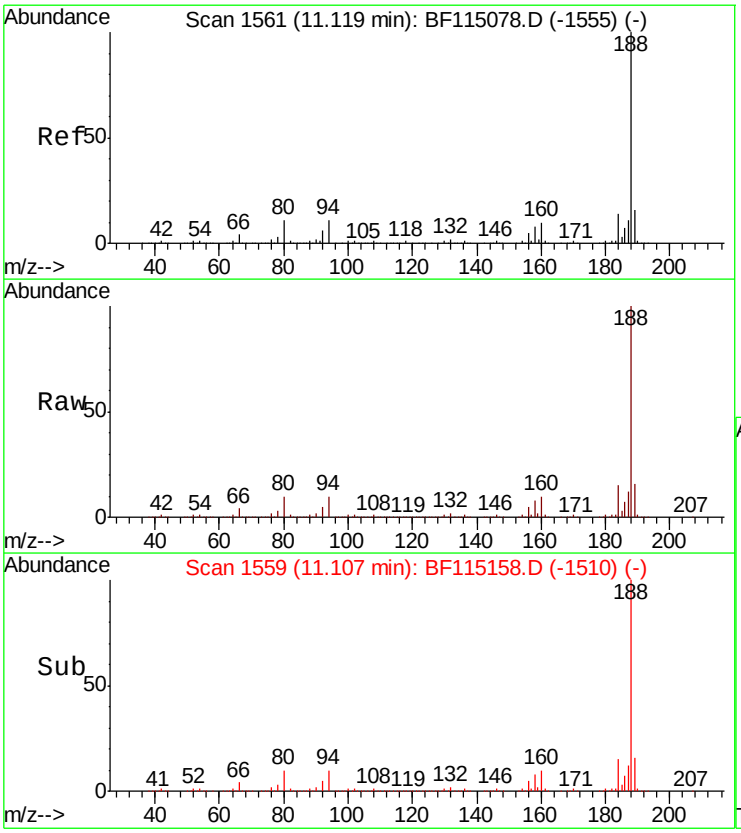
#58
Fluorene
Concen: Below Cal
RT: 10.18 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Instrument :
BNA_F
ClientSampleId :
JUNCTION

Tgt Ion:166 Resp: 810

Ion	Ratio	Lower	Upper
166	100		
165	123.4	76.5	114.7#
167	35.9	11.0	16.4#

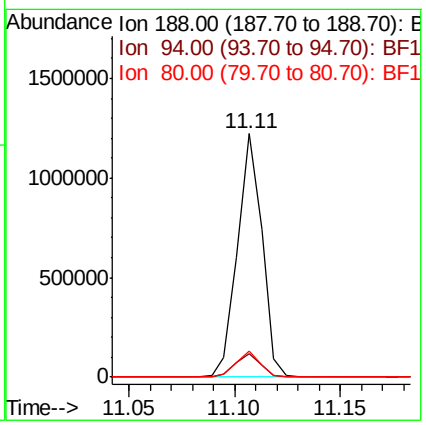


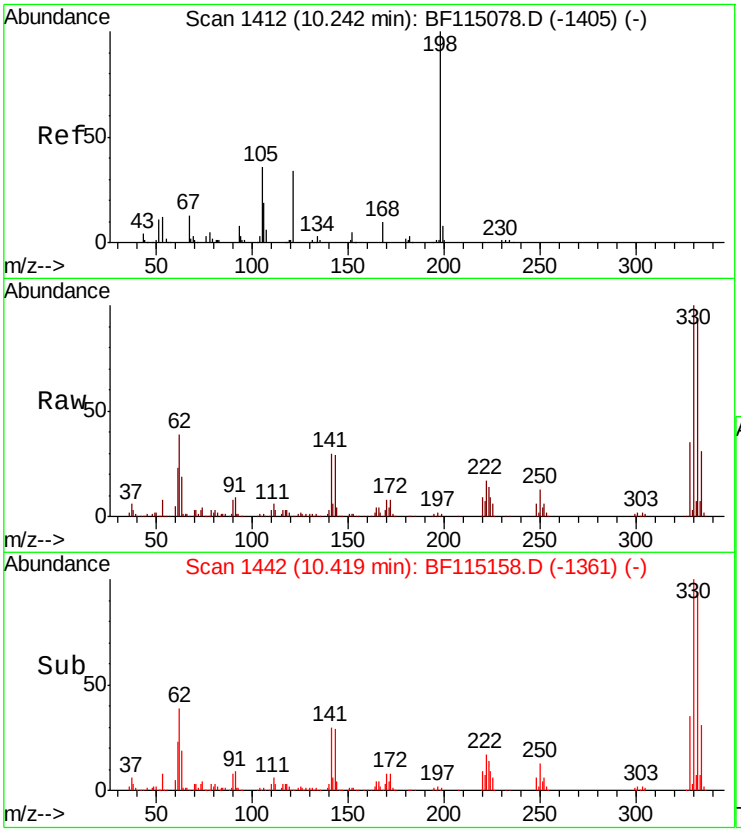


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Tgt Ion:188 Resp: 983872

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.6	12.8
80	10.4	8.8	13.2



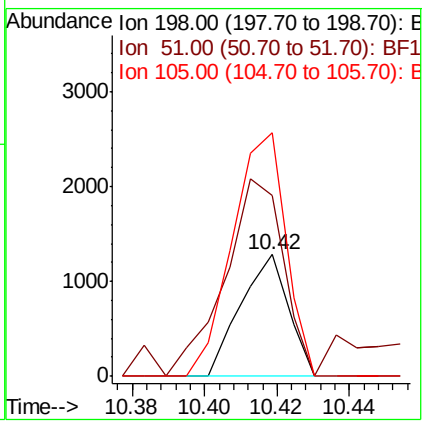


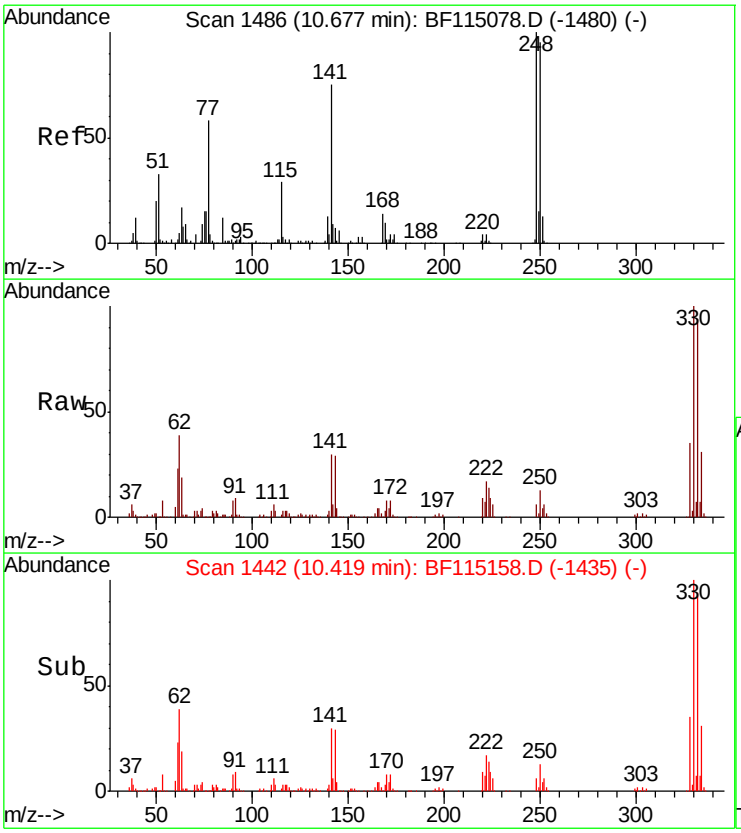
#65
4,6-Dinitro-2-methylphenol
Concen: 5.160 ng
RT: 10.42 min Scan# 1442
Delta R.T. 0.18 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Instrument :
BNA_F
ClientSampleId :
JUNCTION

Tgt Ion:198 Resp: 1171

Ion	Ratio	Lower	Upper
198	100		
51	148.6	11.0	51.0#
105	199.7	17.3	57.3#

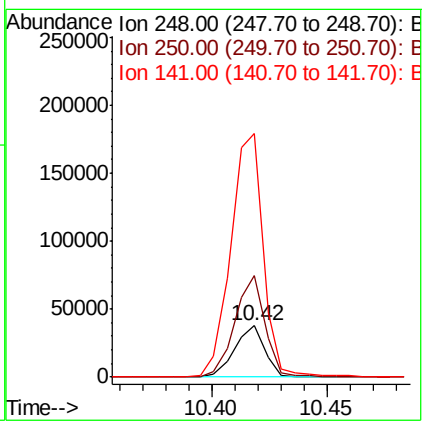


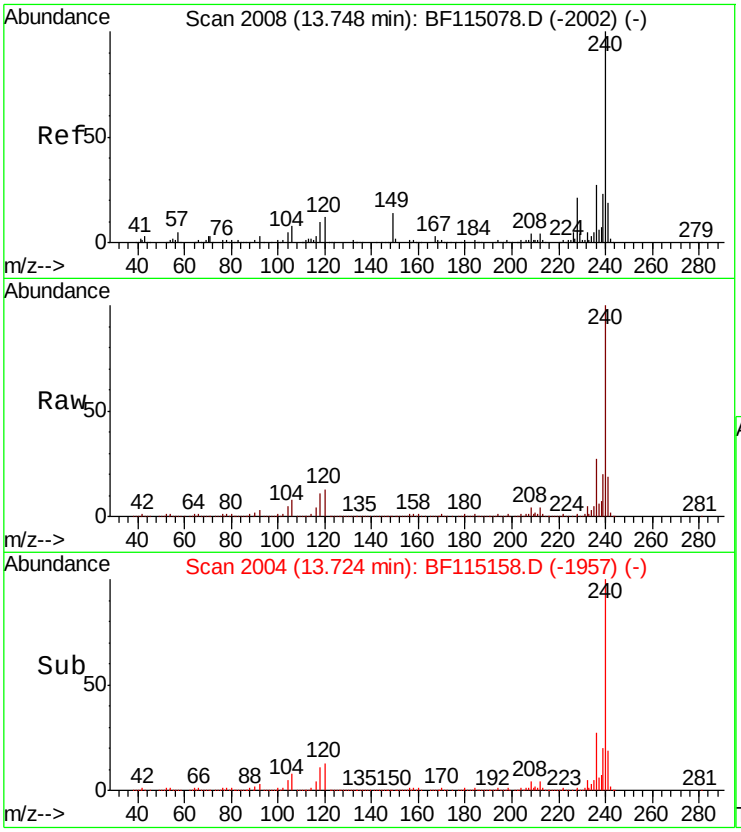


#67
4-Bromophenyl-phenylether
Concen: 3.213 ng
RT: 10.42 min Scan# 1442
Delta R.T. -0.26 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Tgt Ion:248 Resp: 34276

Ion	Ratio	Lower	Upper
248	100		
250	199.0	76.2	114.2#
141	477.0	59.6	89.4#



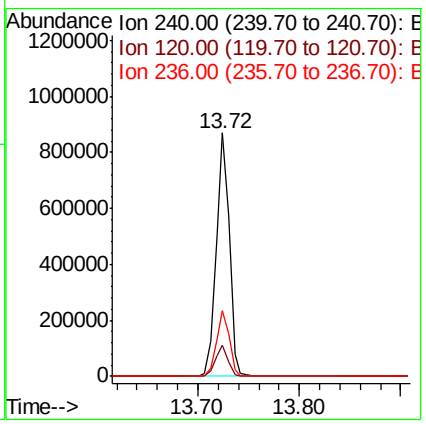


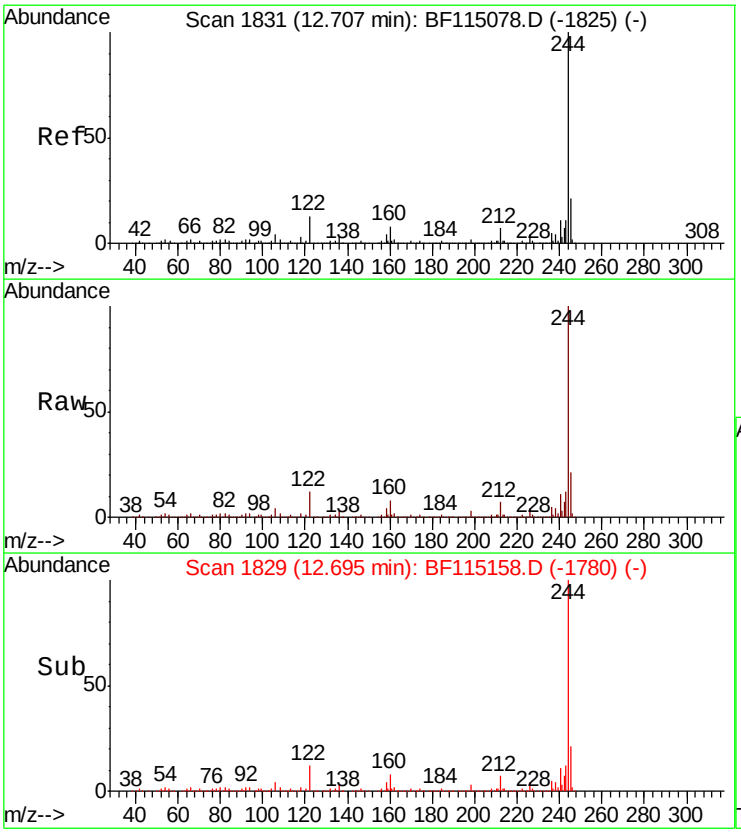
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Instrument :
BNA_F
ClientSampleId :
JUNCTION

Tgt Ion:240 Resp: 778147

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.4	14.2
236	26.9	21.7	32.5

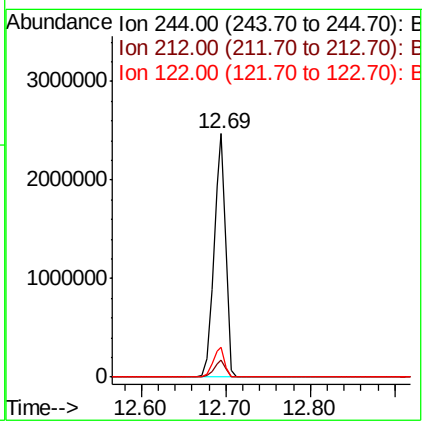


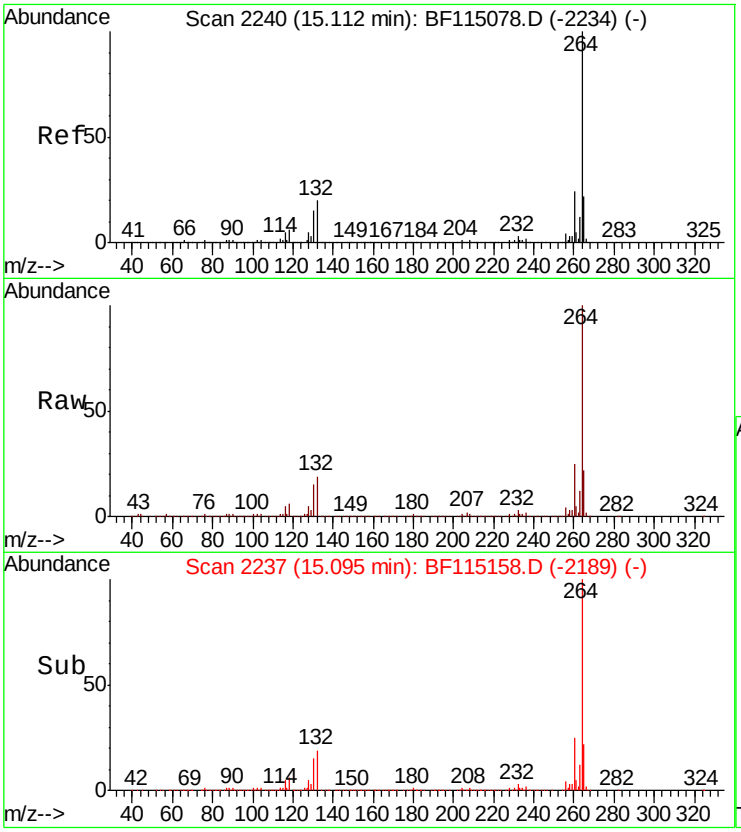


#79
Terphenyl-d14
Concen: 66.530 ng
RT: 12.69 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Tgt Ion:244 Resp: 2434913

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	12.4	10.4	15.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF115158.D
Acq: 24 Jun 2019 20:21

Instrument :
BNA_F
ClientSampleId :
JUNCTION

Tgt Ion:264 Resp: 670528

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.7	17.3	25.9