Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
Data File : BF115090.D
Acq On : 21 Jun 2019 20:58
Operator : HP/JU
Sample : PB120747BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 22 04:55:25 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 21 17:55:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	269457	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1031252	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	512351	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1047215	20.00	ng	0.00
76) Chrysene-d12	13.74	240	873063	20.00	ng	-0.01
87) Perylene-d12	15.11	264	921463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1901890	108.92	ng	0.01
7) Phenol-d6	6.25	99	2372888	111.96	ng	0.00
23) Nitrobenzene-d5	7.18	82	1434377	85.56	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	655077	121.24	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2573031	85.30	ng	0.00
79) Terphenyl-d14	12.71	244	3062154	74.57	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.18	70	191052	14.081	ng	# 76
25) Isophorone	7.18	82	1372385	39.962	ng	# 63
50) Dimethylphthalate	9.64	163	147580	3.915	ng	# 1
51) 2,6-Dinitrotoluene	9.64	165	66096	7.595	ng	# 28
57) 2,4-Dinitrotoluene	9.64	165	66096	5.882	ng	# 30
58) Fluorene	10.42	166	29583	Below Cal		# 83
65) 4,6-Dinitro-2-methylphenol	10.42	198	1404	5.186	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	41980	3.697	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
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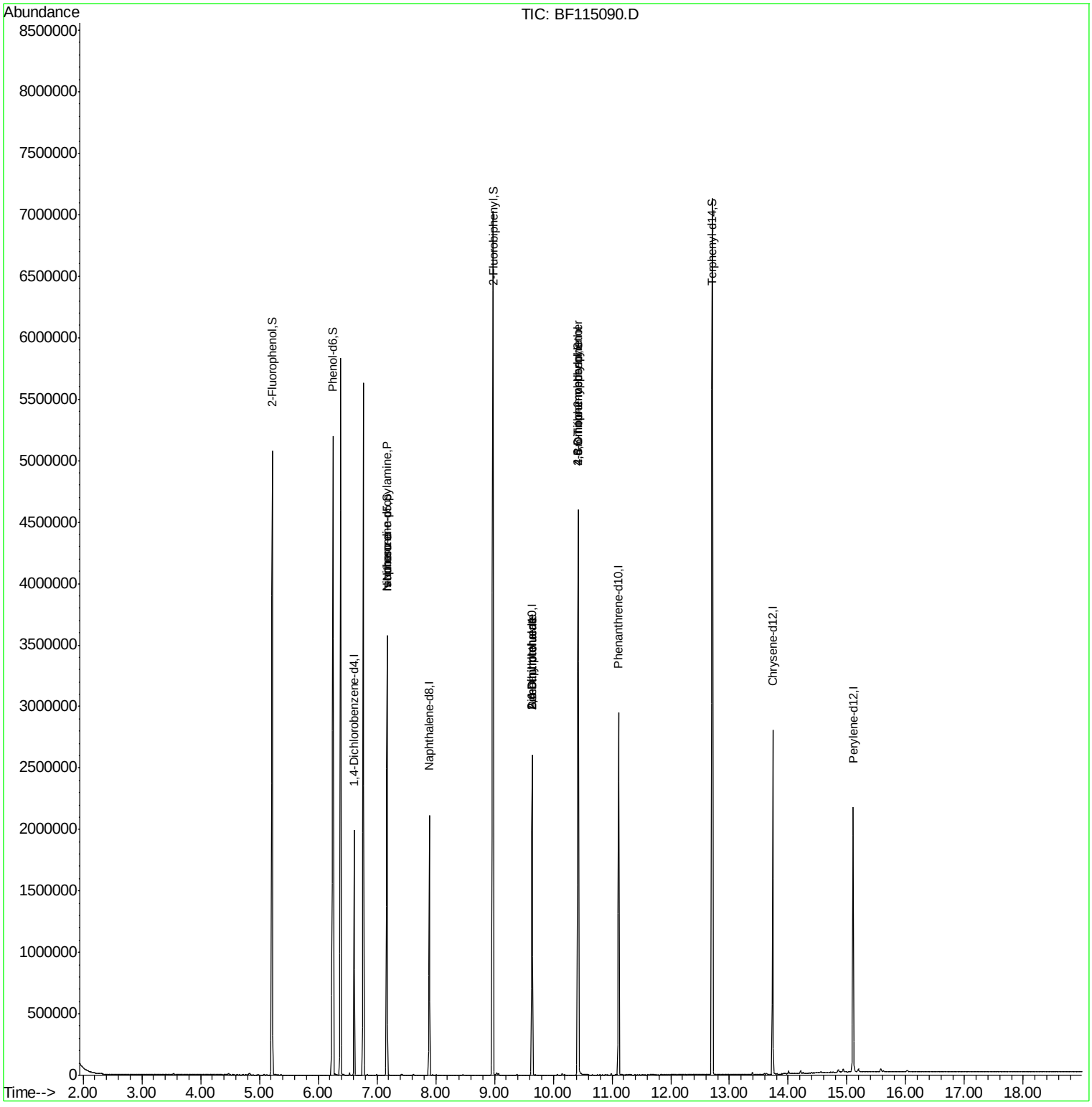
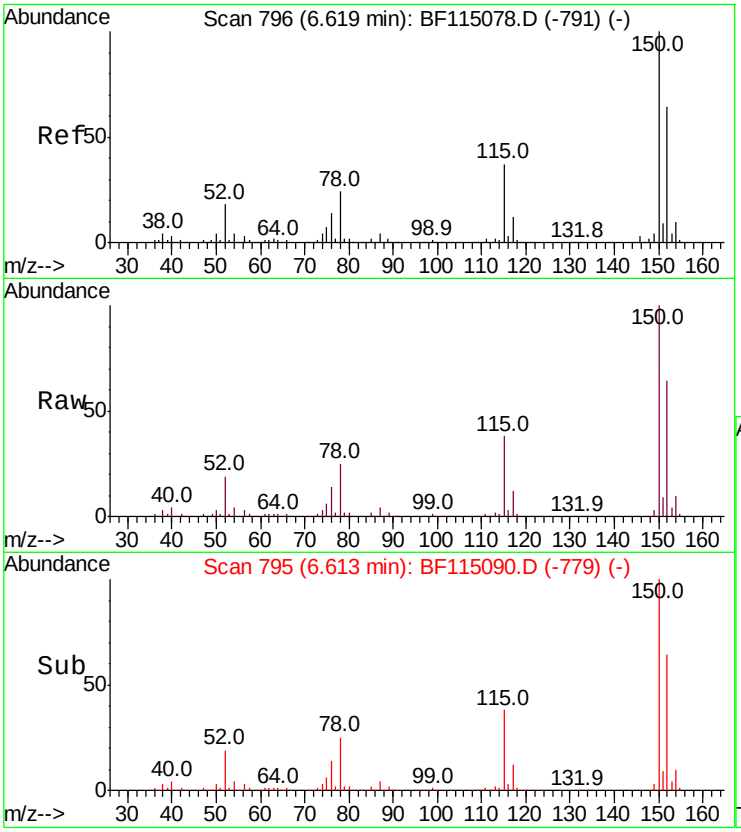


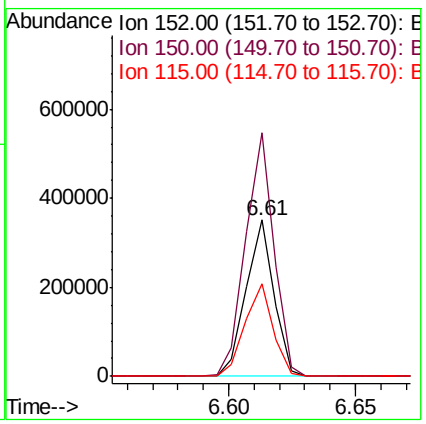


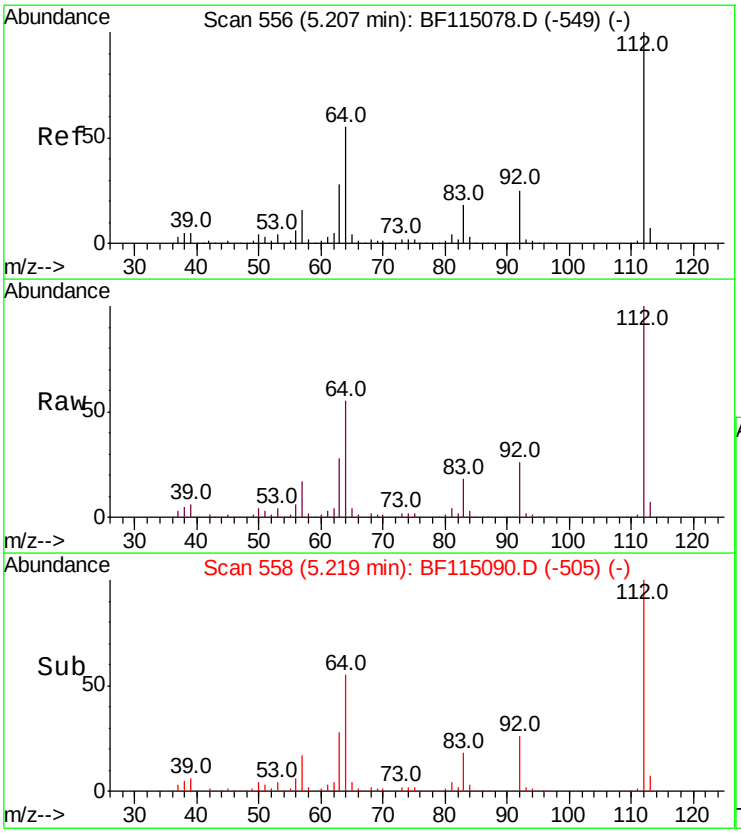
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 269457

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.2	186.2
115	59.1	46.1	69.1

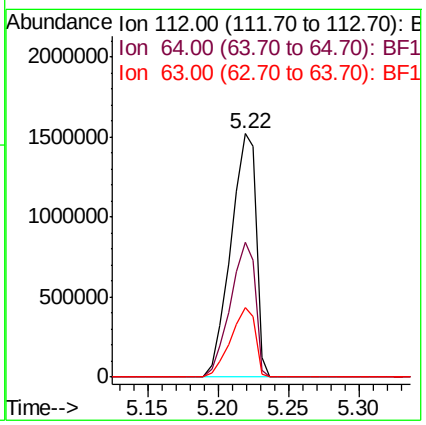


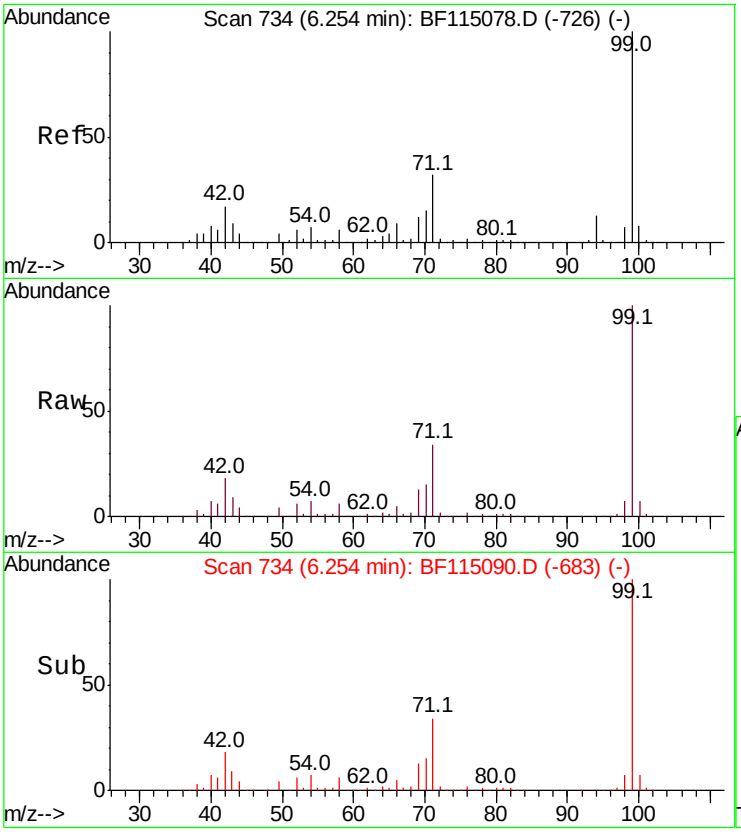


#5
2-Fluorophenol
Concen: 108.920 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Tgt Ion:112 Resp: 1901890

Ion	Ratio	Lower	Upper
112	100		
64	55.4	43.8	65.6
63	28.4	22.2	33.4



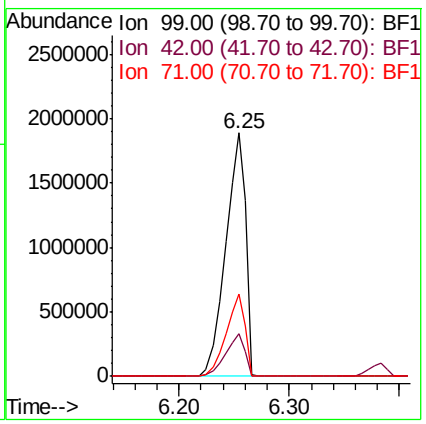


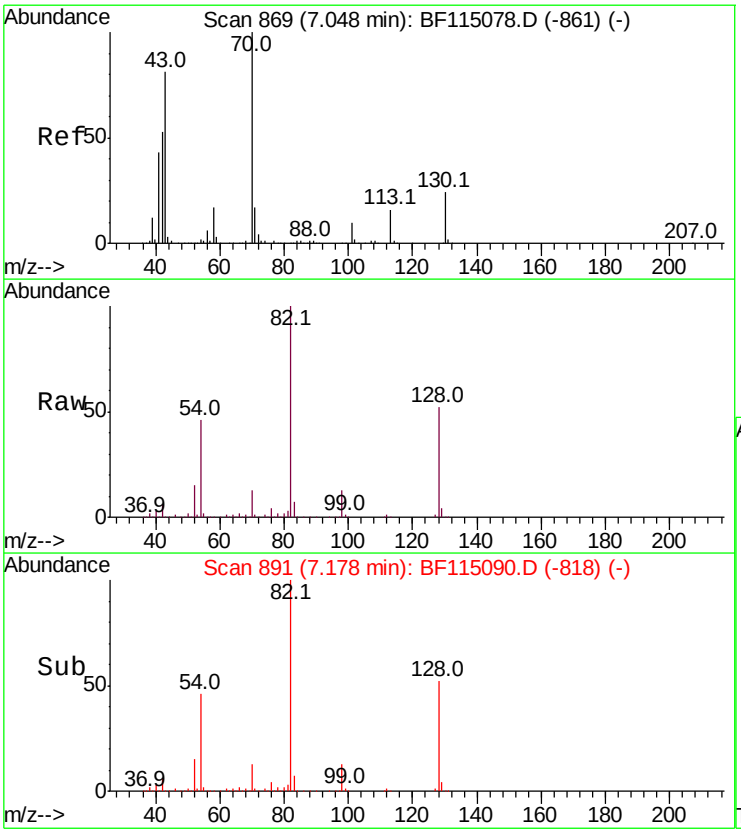
#7
Phenol-d6
Concen: 111.962 ng
RT: 6.25 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2372888

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.6	20.4
71	33.8	25.5	38.3

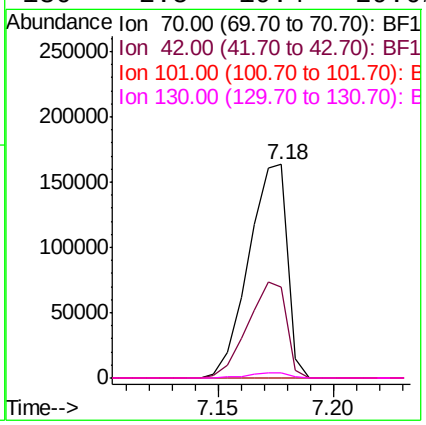


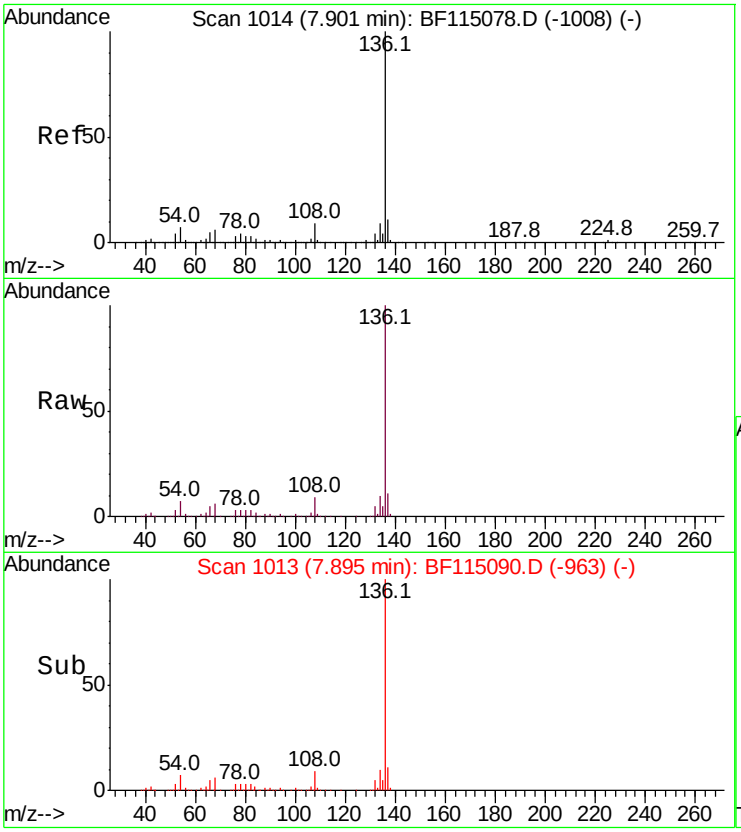


#19
n-Nitroso-di-n-propylamine
Concen: 14.081 ng
RT: 7.18 min Scan# 891
Delta R.T. 0.13 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Tgt Ion: 70 Resp: 191052

Ion	Ratio	Lower	Upper
70	100		
42	42.5	42.6	63.8#
101	0.0	8.0	12.0#
130	2.5	19.4	29.0#



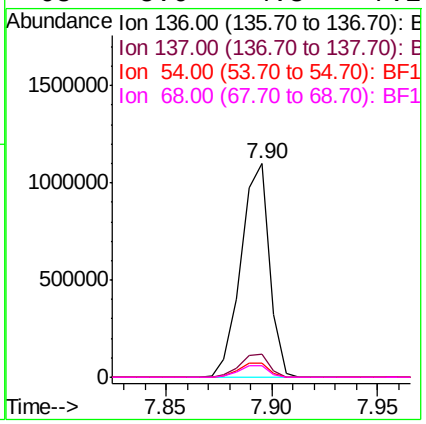


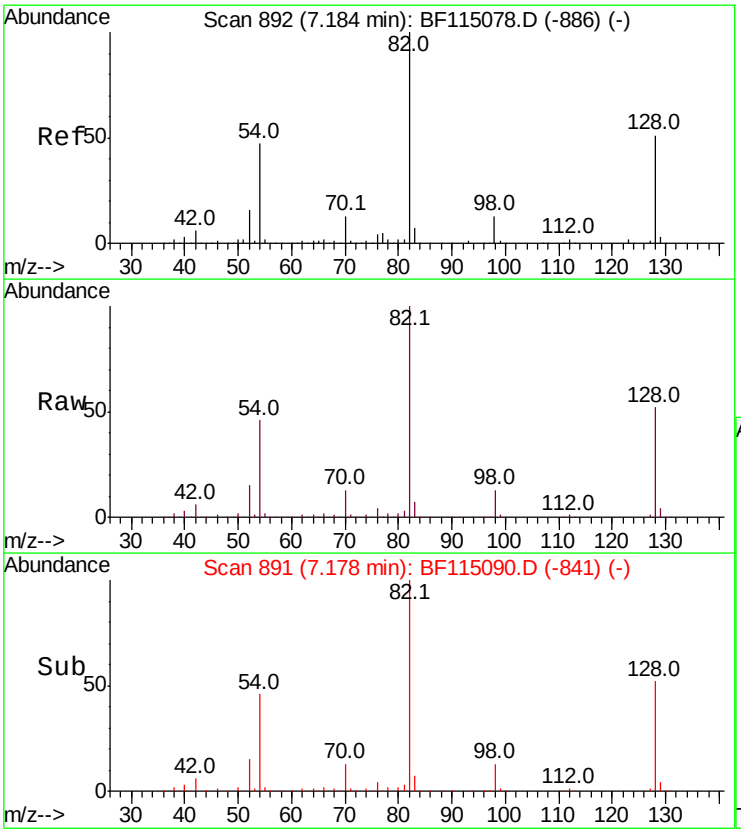
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1031252

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.6	5.6	8.4
68	5.6	4.8	7.2

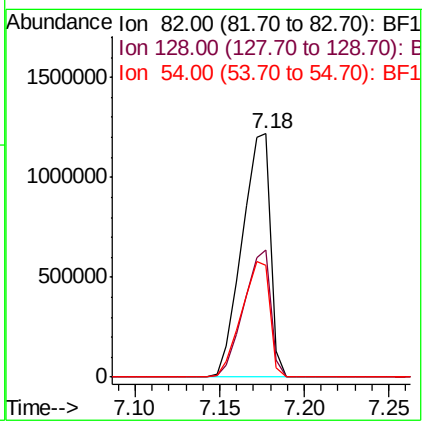


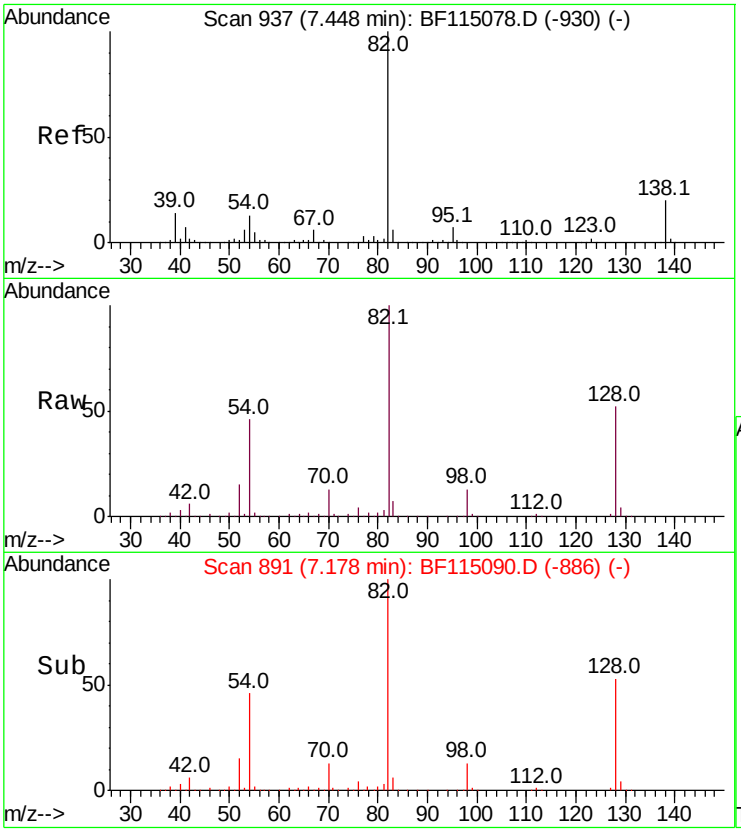


#23
Nitrobenzene-d5
Concen: 85.562 ng
RT: 7.18 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Tgt Ion: 82 Resp: 1434377

Ion	Ratio	Lower	Upper
82	100		
128	52.5	40.4	60.6
54	45.8	37.5	56.3



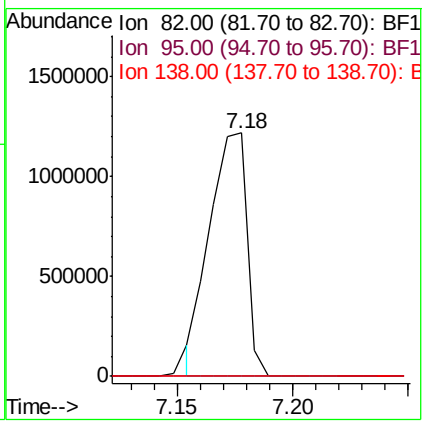


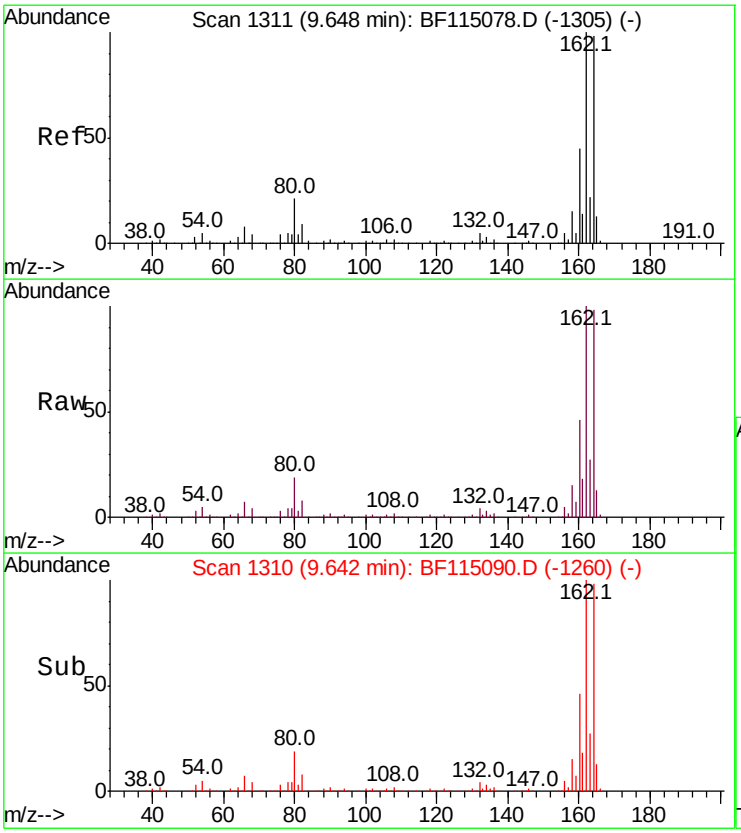
#25
Isophorone
Concen: 39.962 ng
RT: 7.18 min Scan# 891
Delta R.T. -0.27 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1372385

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

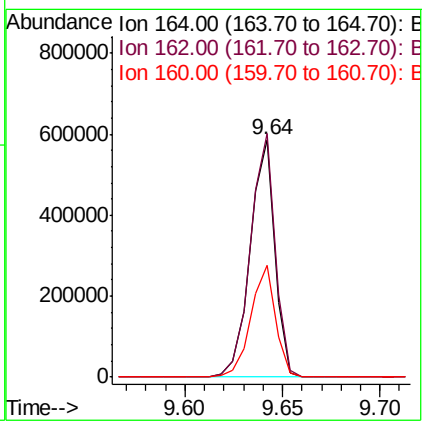


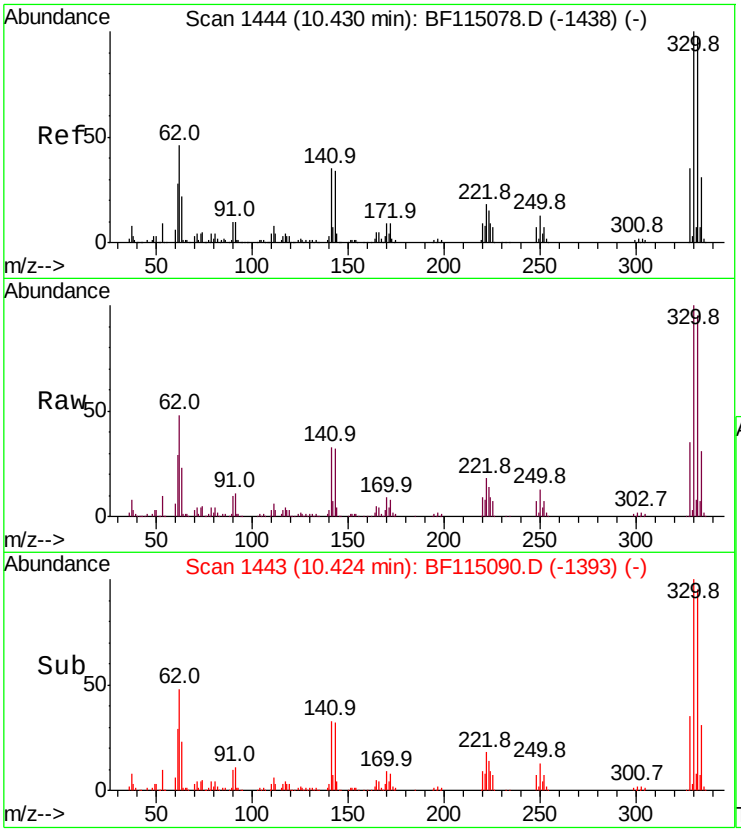


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Tgt Ion:164 Resp: 512351

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.7	122.5
160	46.9	37.0	55.4



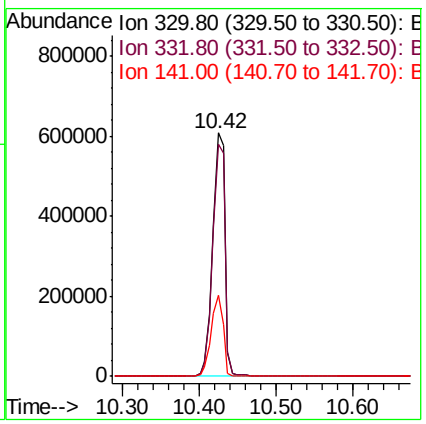


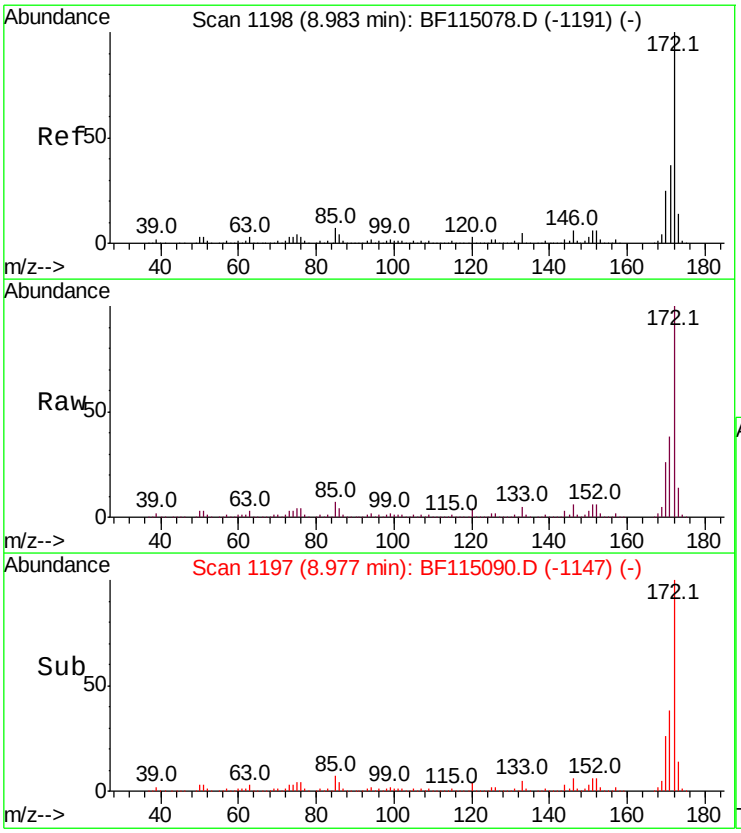
#42
2,4,6-Tribromophenol
Concen: 121.245 ng
RT: 10.42 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 655077

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	33.1	28.2	42.2

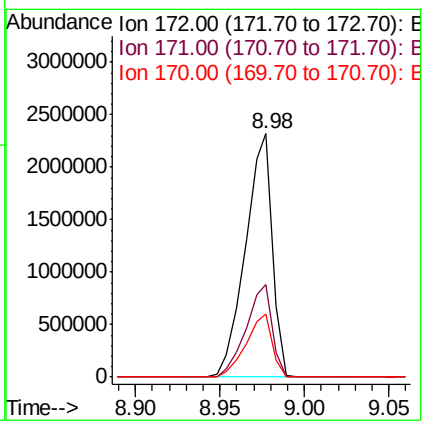


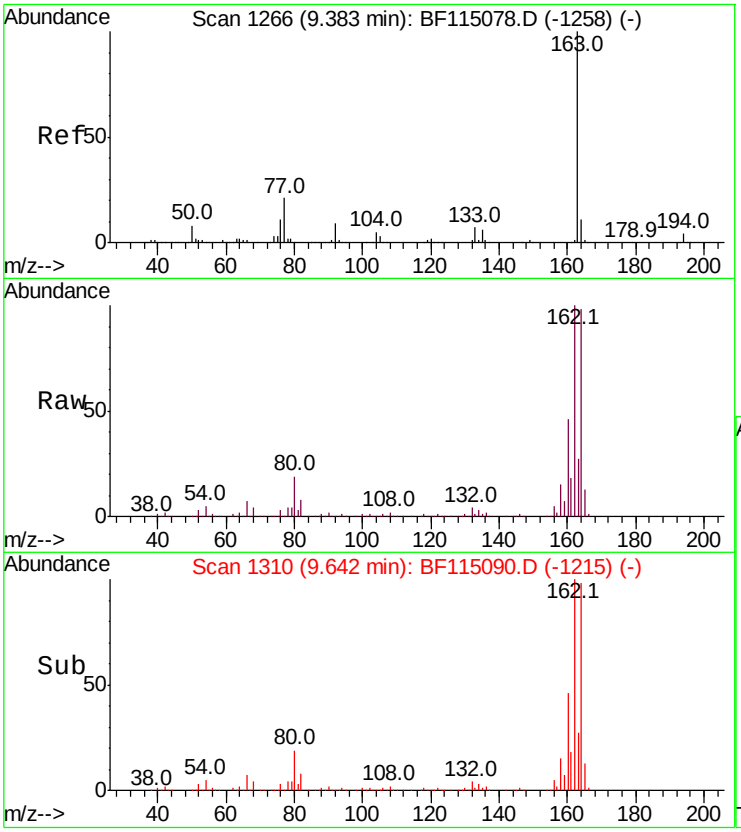


#45
2-Fluorobiphenyl
Concen: 85.305 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Tgt Ion:172 Resp: 2573031

Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.8	44.6
170	25.9	20.3	30.5



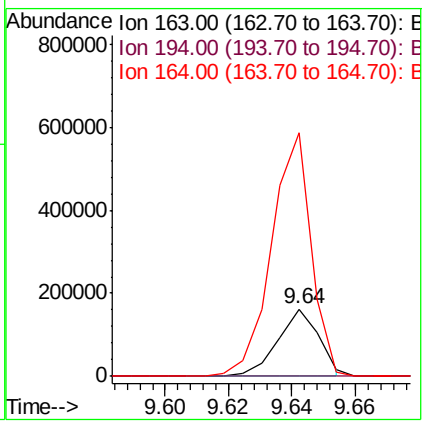


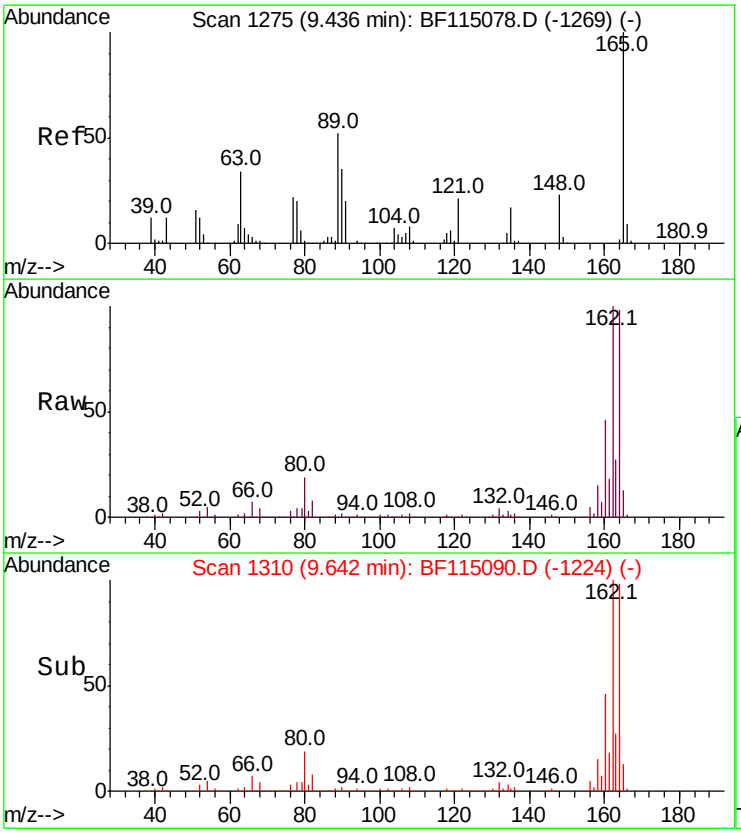
#50
Dimethylphthalate
Concen: 3.915 ng
RT: 9.64 min Scan# 1310
Delta R.T. 0.26 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 147580

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	360.8	8.6	13.0#

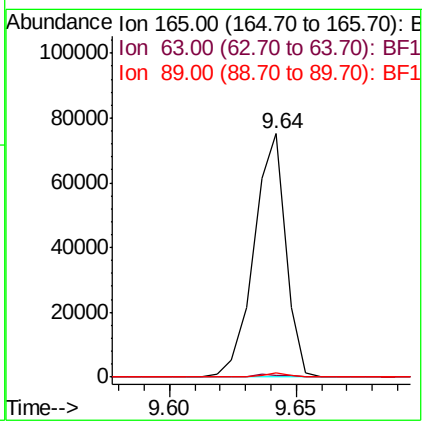


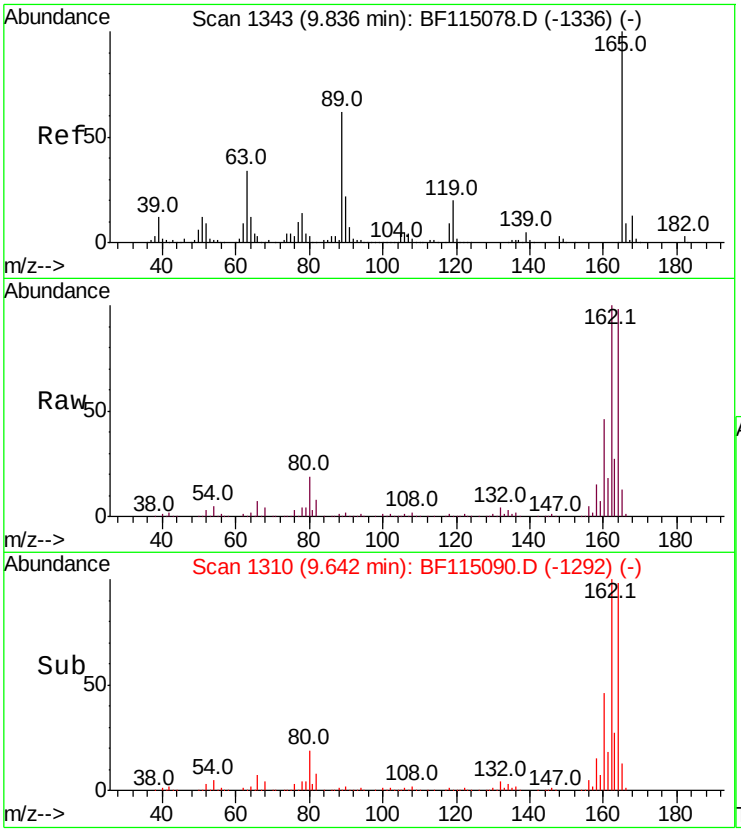


#51
2,6-Dinitrotoluene
Concen: 7.595 ng
RT: 9.64 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Tgt Ion:165 Resp: 66096

Ion	Ratio	Lower	Upper
165	100		
63	0.8	39.4	59.2#
89	1.6	42.0	63.0#



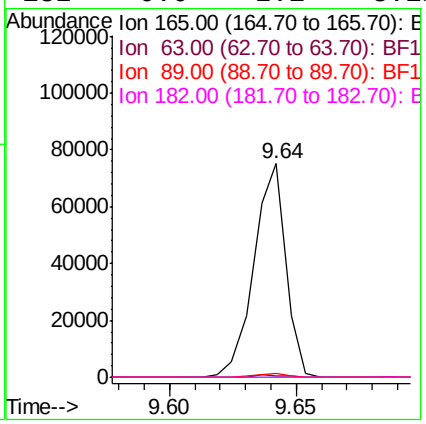


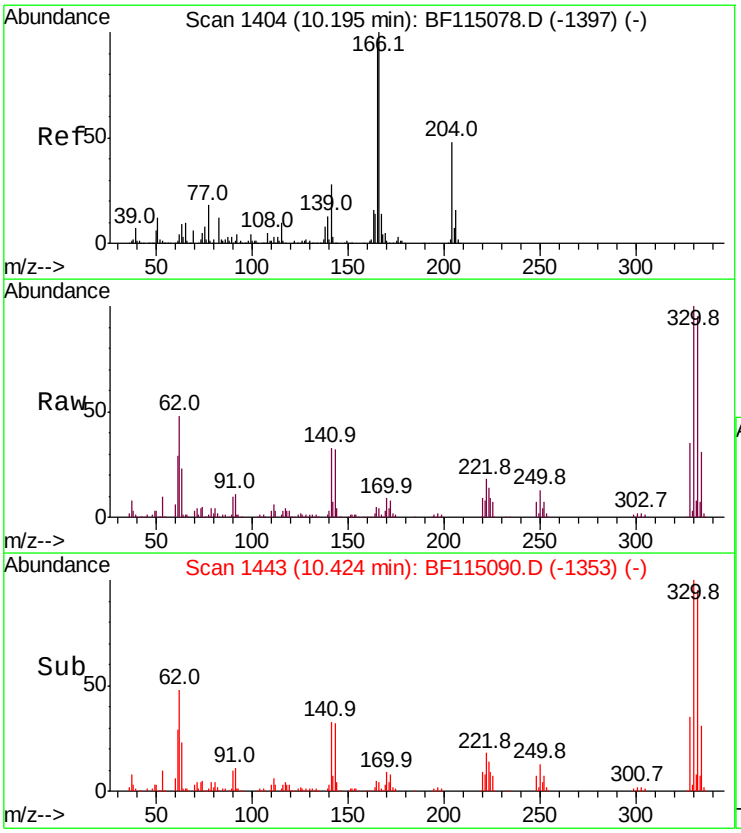
#57
2,4-Dinitrotoluene
Concen: 5.882 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 66096

Ion	Ratio	Lower	Upper
165	100		
63	0.8	27.5	41.3#
89	1.6	49.9	74.9#
182	0.0	2.1	3.1#

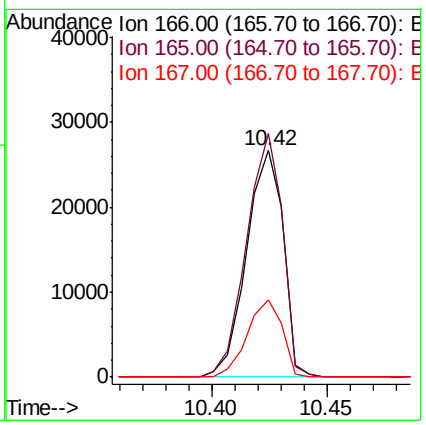


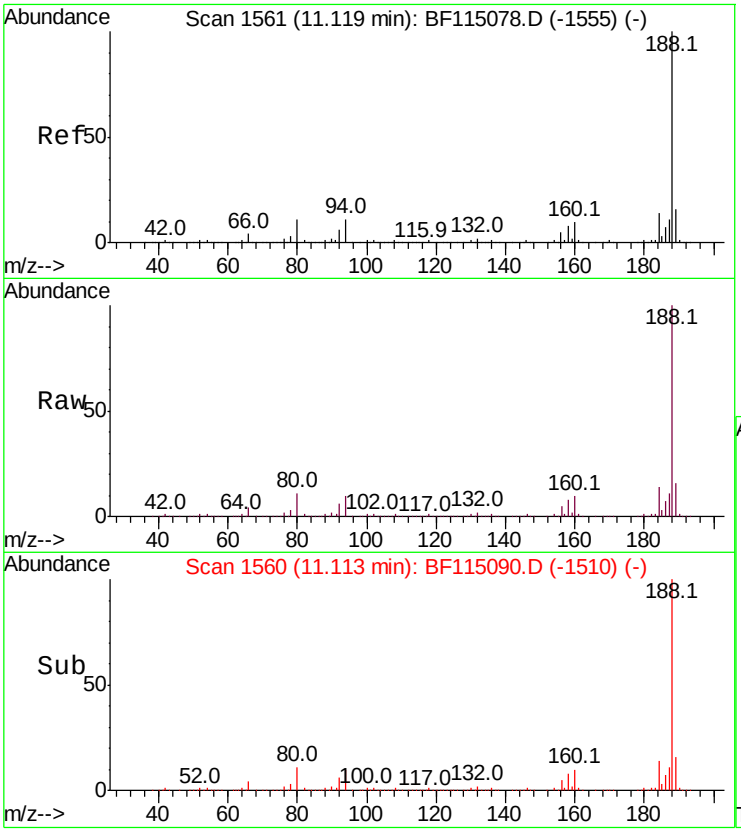


#58
Fluorene
Concen: Below Cal
RT: 10.42 min Scan# 1443
Delta R.T. 0.23 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Tgt Ion:166 Resp: 29583

Ion	Ratio	Lower	Upper
166	100		
165	107.5	76.5	114.7
167	34.0	11.0	16.4#



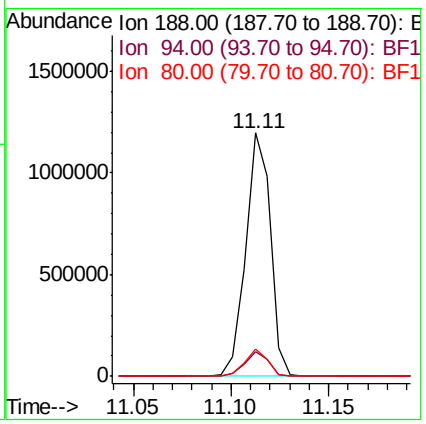


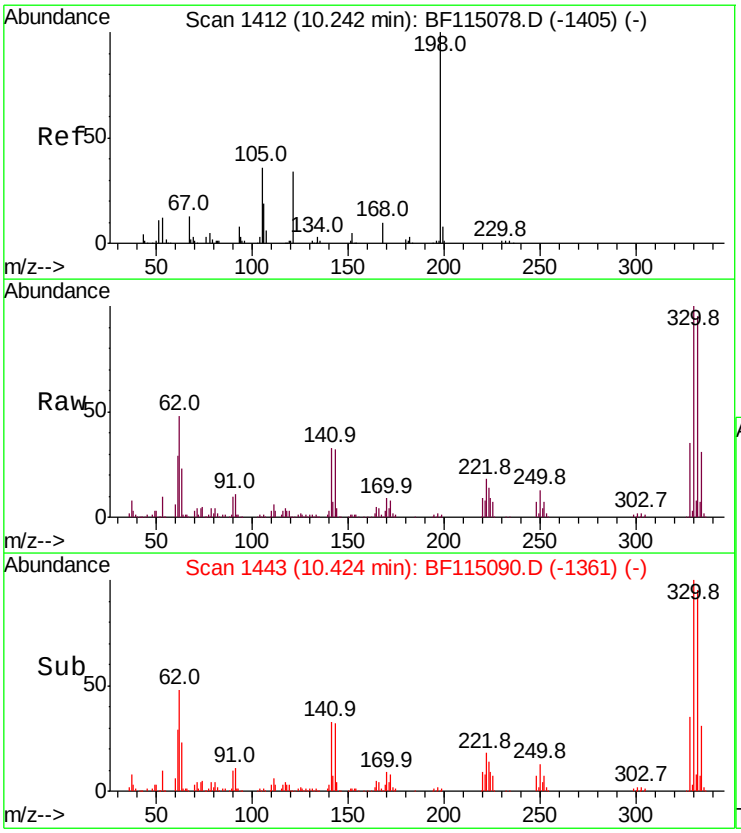
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 1047215

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.6	12.8
80	11.0	8.8	13.2

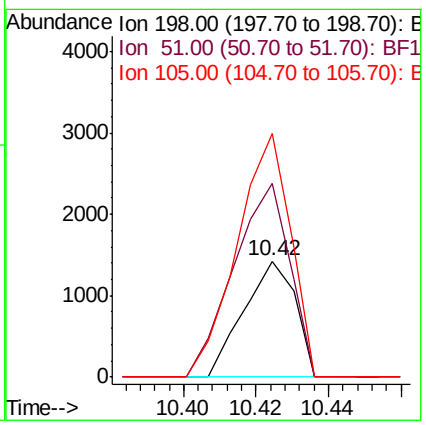


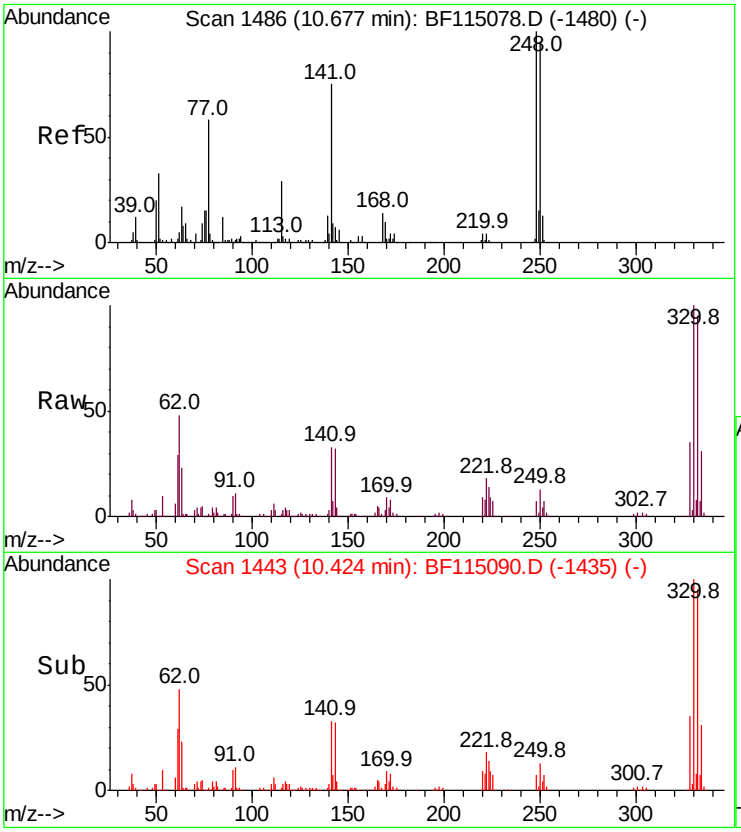


#65
4,6-Dinitro-2-methylphenol
Concen: 5.186 ng
RT: 10.42 min Scan# 1443
Delta R.T. 0.18 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Tgt Ion:198 Resp: 1404

Ion	Ratio	Lower	Upper
198	100		
51	166.8	11.0	51.0#
105	209.9	17.3	57.3#



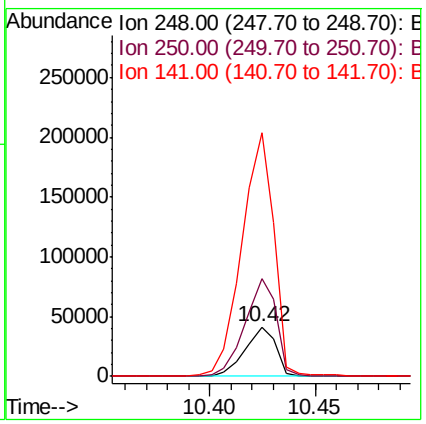


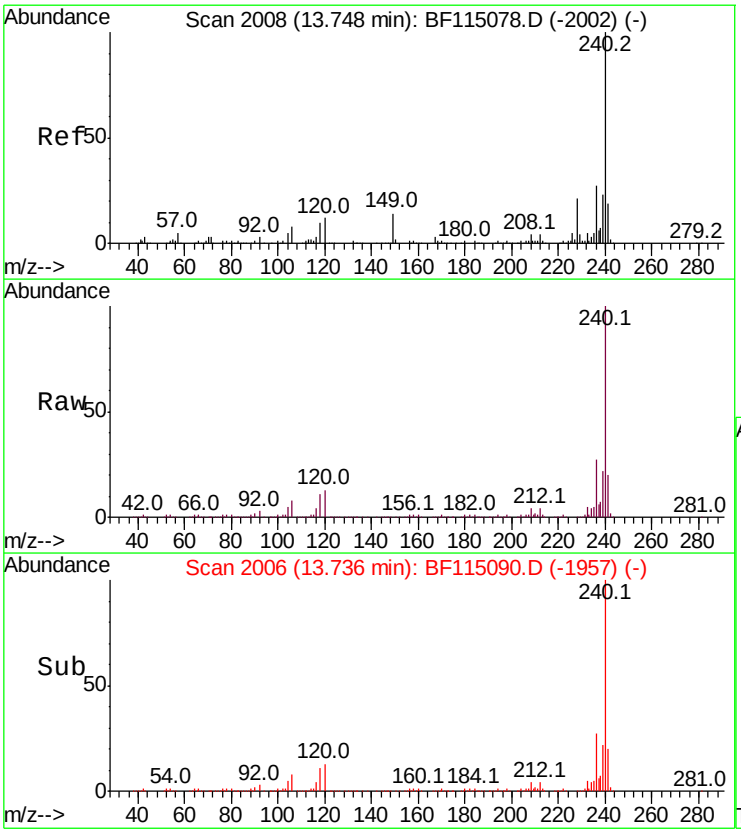
#67
4-Bromophenyl-phenylether
Concen: 3.697 ng
RT: 10.42 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 41980

Ion	Ratio	Lower	Upper
248	100		
250	199.2	76.2	114.2#
141	496.2	59.6	89.4#

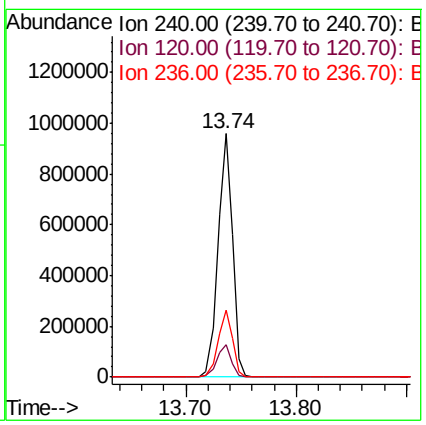


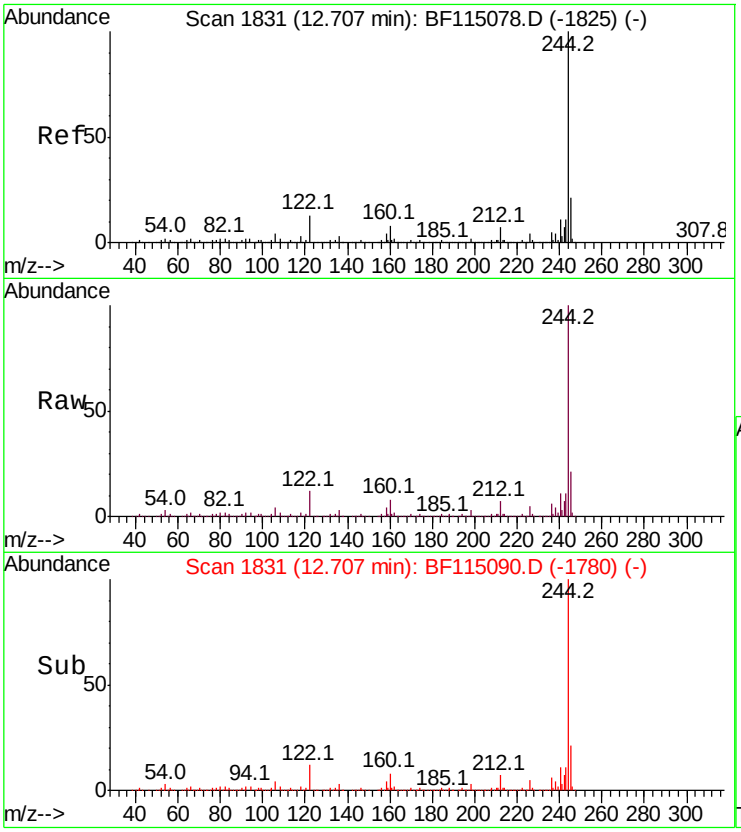


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Tgt Ion:240 Resp: 873063

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.4	14.2
236	27.3	21.7	32.5



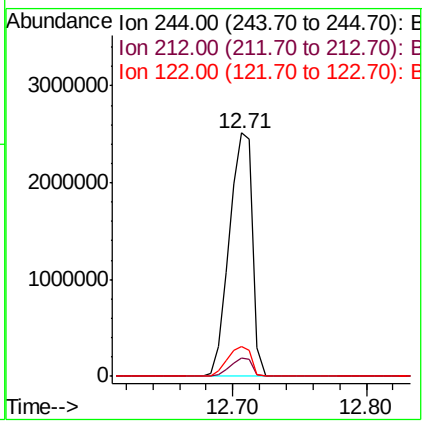


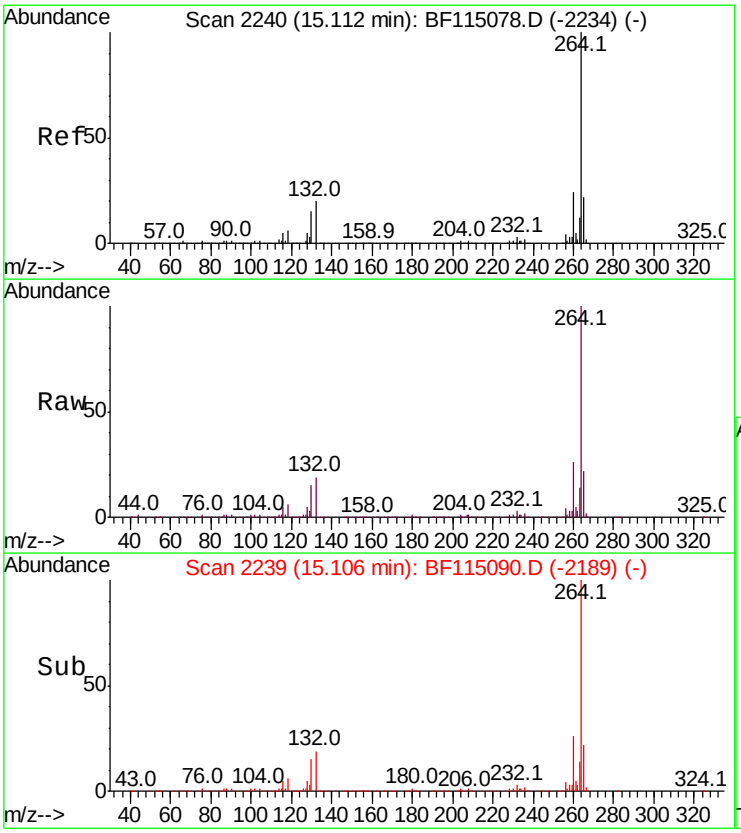
#79
Terphenyl-d14
Concen: 74.572 ng
RT: 12.71 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 3062154

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	12.2	10.4	15.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Tgt Ion:264 Resp: 921463

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.6	29.4
265	22.3	17.3	25.9