Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070219\
Data File : BF115372.D
Acq On : 2 Jul 2019 20:54
Operator : HP/JU
Sample : K3605-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-EQUIP-BLANK

Quant Time: Jul 03 05:55:47 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	6.61	152	217687	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	833713	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	396784	20.00	ng	0.01
64) Phenanthrene-d10	11.11	188	791902	20.00	ng	0.02
76) Chrysene-d12	13.74	240	514535	20.00	ng	0.02
87) Perylene-d12	15.11	264	516235	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	656460	46.54	ng	0.01
7) Phenol-d6	6.24	99	528896	30.89	ng	0.00
23) Nitrobenzene-d5	7.17	82	1148416	84.74	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	289185	69.11	ng	0.01
45) 2-Fluorobiphenyl	8.97	172	2104665	90.10	ng	0.01
79) Terphenyl-d14	12.71	244	2287674	94.53	ng	0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.37	77	26536	2.376	ng	# 77
19) n-Nitroso-di-n-propylamine	7.17	70	150377	13.718	ng	# 77
25) Isophorone	7.17	82	1130981	40.736	ng	# 63
50) Dimethylphthalate	9.37	163	163100	5.587	ng	98
51) 2,6-Dinitrotoluene	9.64	165	50289	7.462	ng	# 28
57) 2,4-Dinitrotoluene	9.64	165	50289	5.779	ng	# 30
58) Fluorene	10.42	166	13224	Below Cal		# 90
61) 4-Chlorophenyl-phenylether	10.18	204	114	Below Cal		# 29
65) 4,6-Dinitro-2-methylphenol	10.42	198	591	5.086	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	18027	2.100	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070219\
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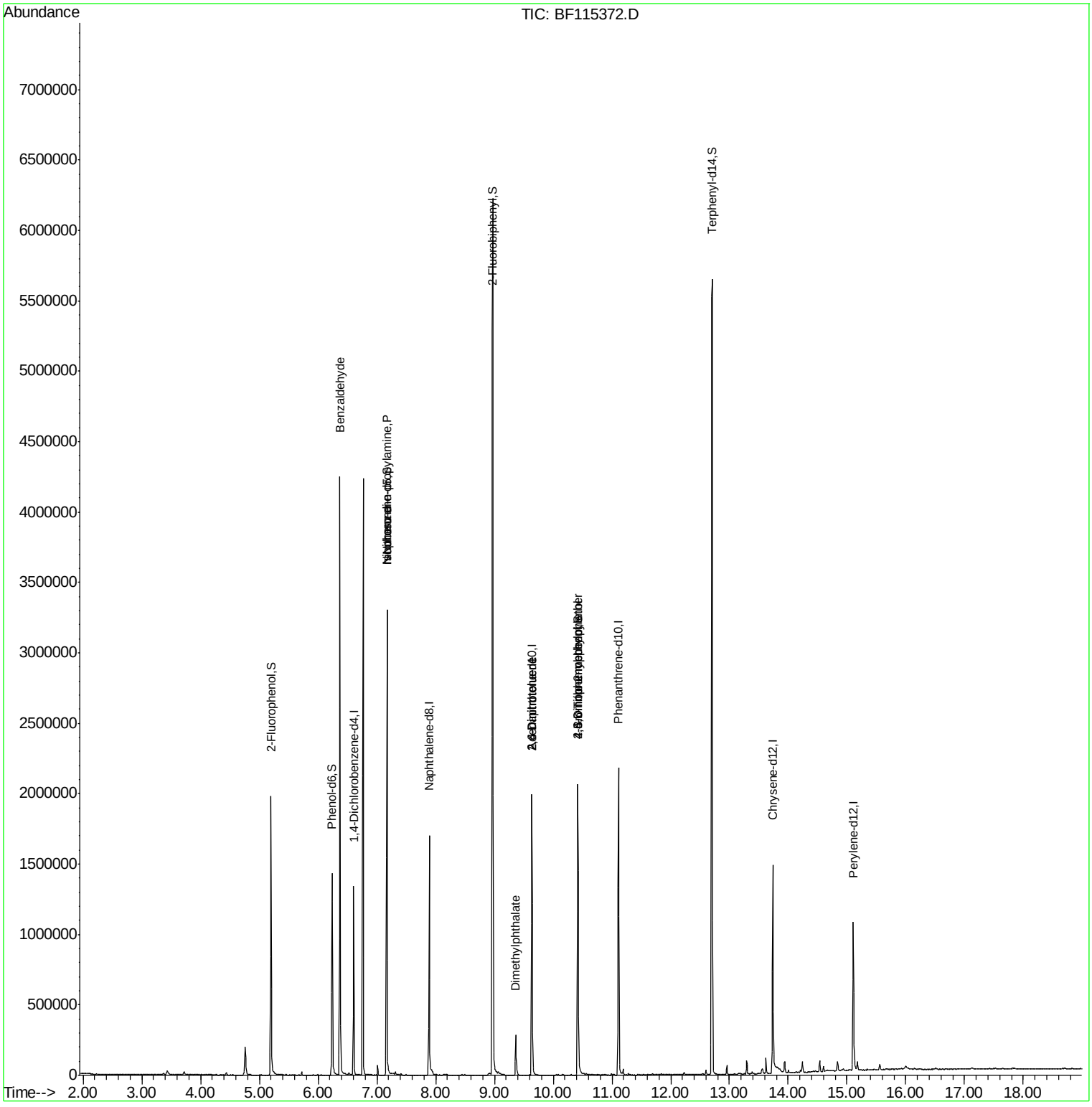
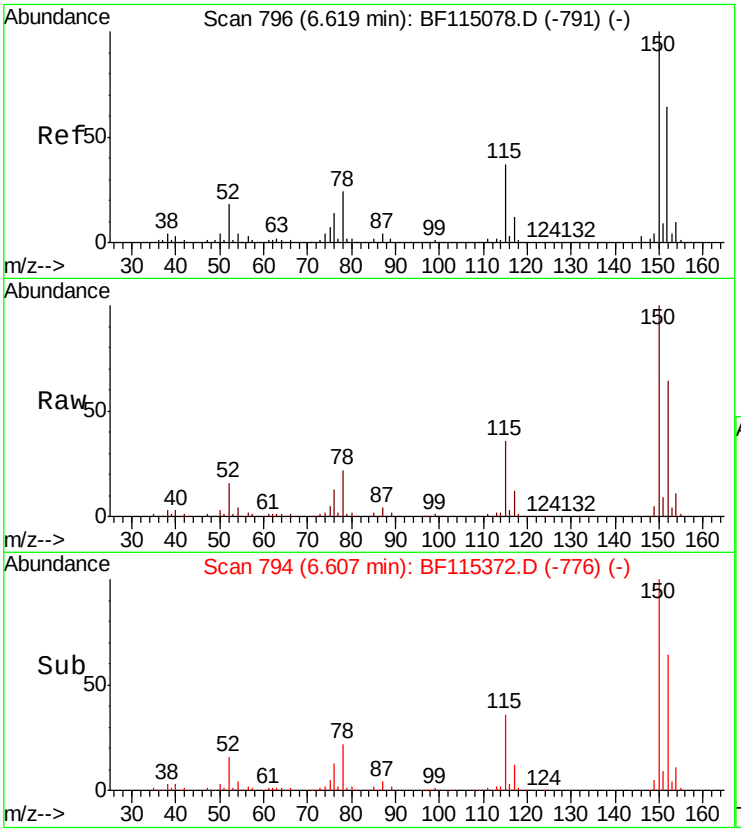
Acq On : 2 Jul 2019 20:54
Operator : HP/JU
Sample : K3605-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QNWP8-EQUIP-BLANK

Quant Time: Jul 03 05:55:47 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



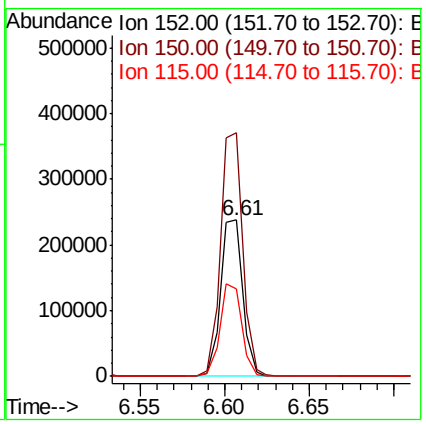


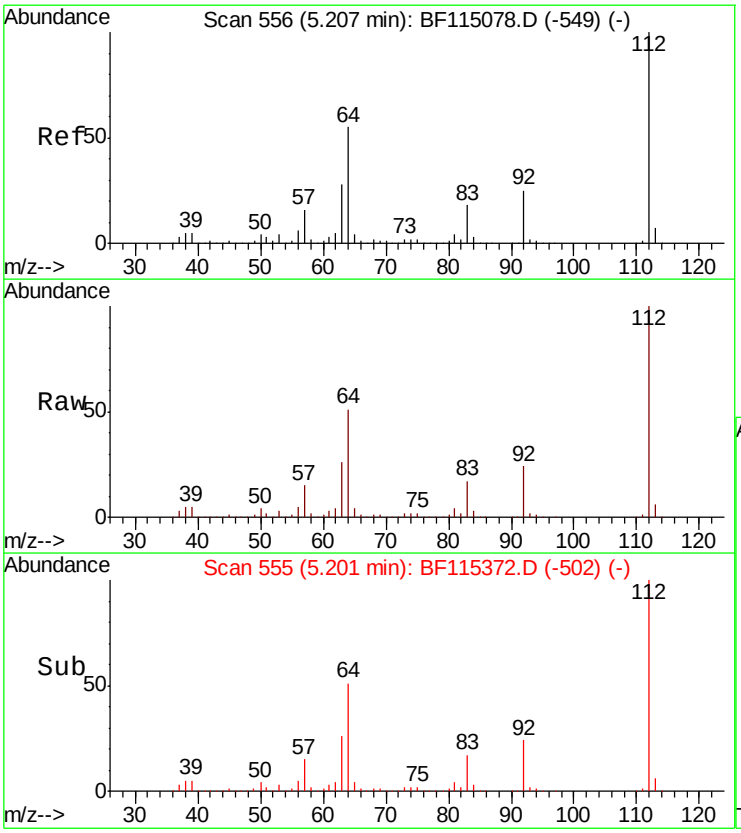
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-EQUIP-BLANK

Tgt Ion:152 Resp: 217687

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.2	186.2
115	56.0	46.1	69.1

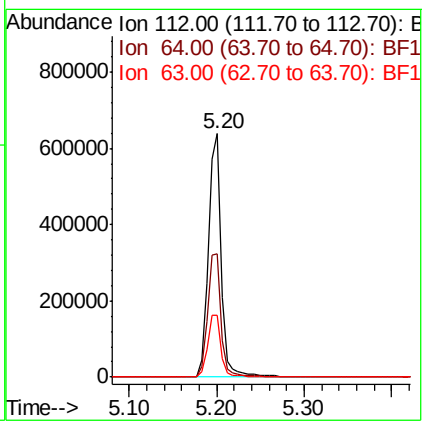


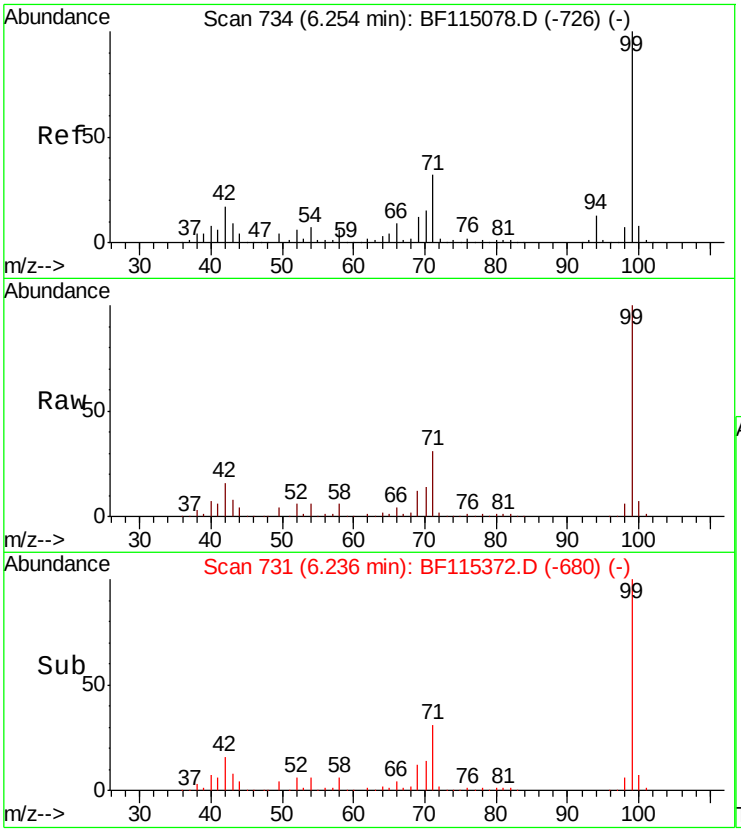


#5
2-Fluorophenol
Concen: 46.536 ng
RT: 5.20 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Tgt Ion:112 Resp: 656460

Ion	Ratio	Lower	Upper
112	100		
64	50.7	43.8	65.6
63	25.6	22.2	33.4



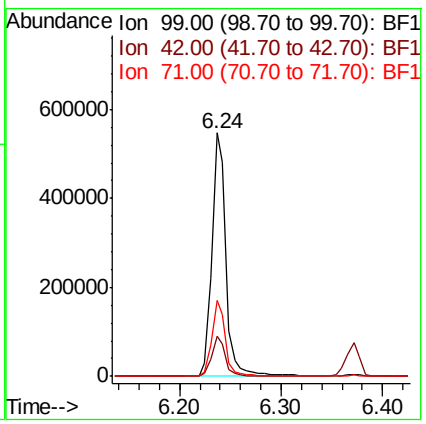


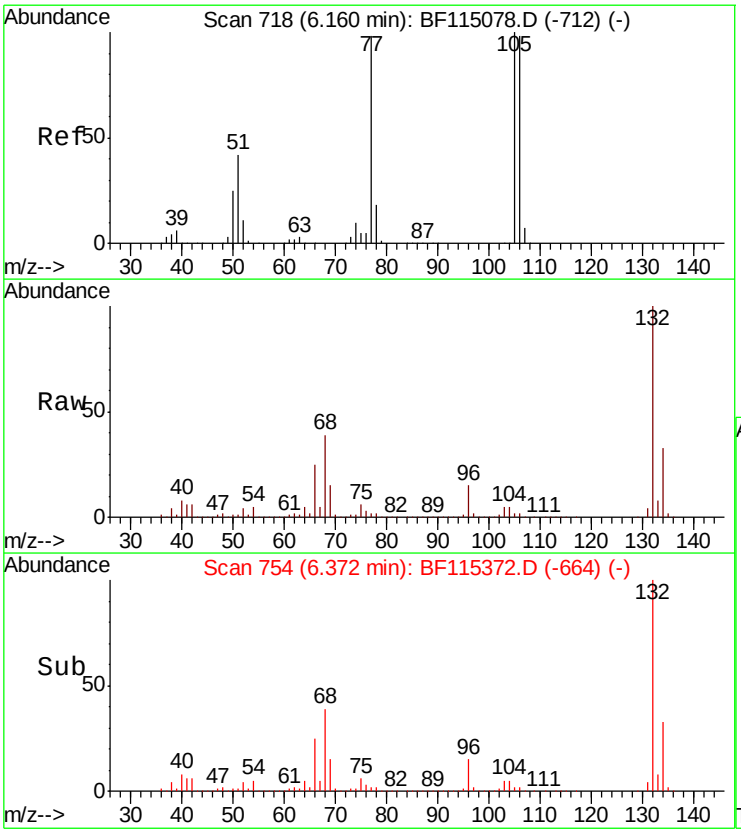
#7
Phenol-d6
Concen: 30.890 ng
RT: 6.24 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-EQUIP-BLANK

Tgt Ion: 99 Resp: 528896

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.6	20.4
71	31.3	25.5	38.3

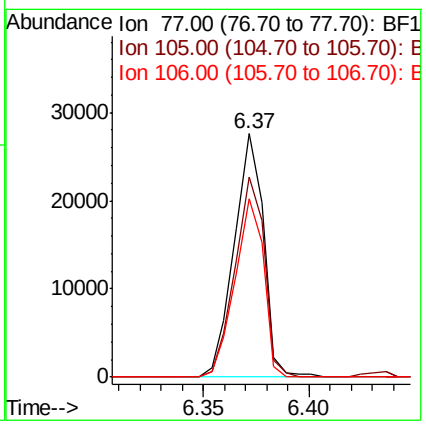


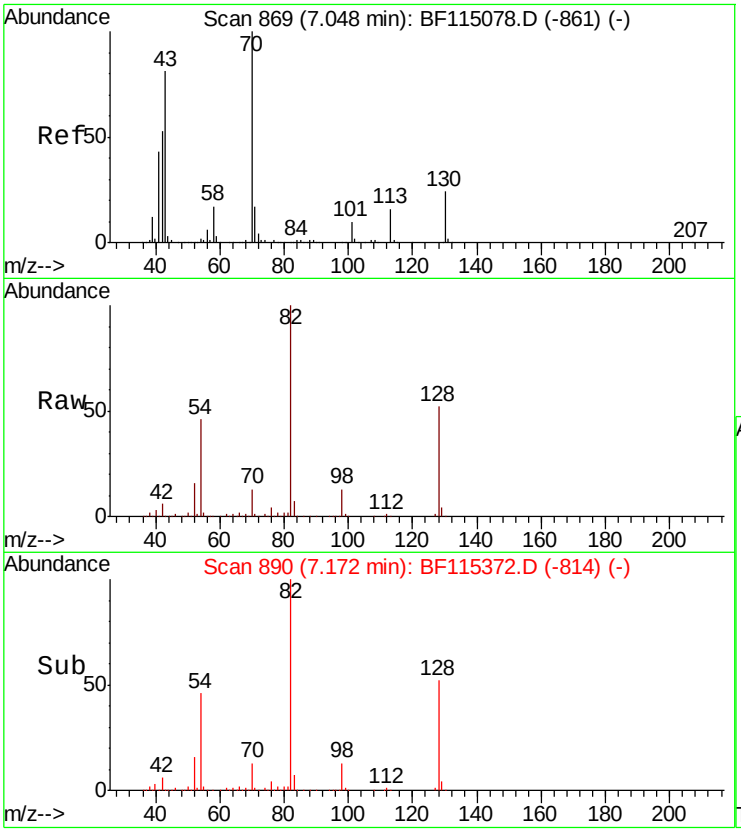


#9
Benzaldehyde
Concen: 2.376 ng
RT: 6.37 min Scan# 754
Delta R.T. 0.23 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Tgt Ion: 77 Resp: 26536

Ion	Ratio	Lower	Upper
77	100		
105	82.0	81.5	121.5
106	73.4	79.7	119.7#



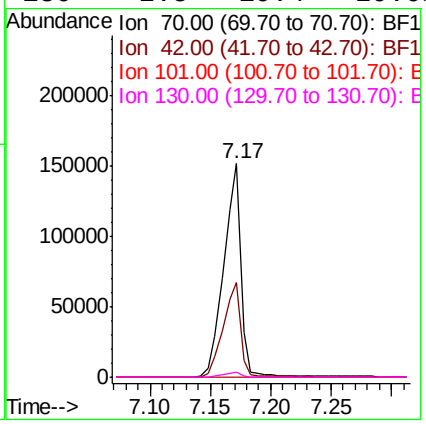


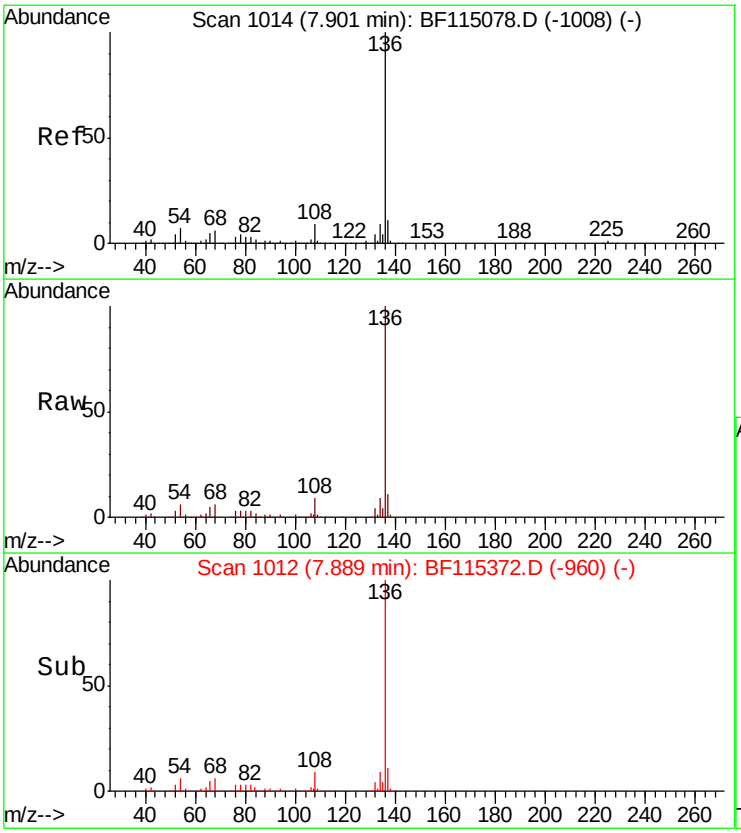
#19
n-Nitroso-di-n-propylamine
Concen: 13.718 ng
RT: 7.17 min Scan# 890
Delta R.T. 0.15 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-EQUIP-BLANK

Tgt Ion: 70 Resp: 150377

Ion	Ratio	Lower	Upper
70	100		
42	44.1	42.6	63.8
101	0.0	8.0	12.0#
130	2.5	19.4	29.0#

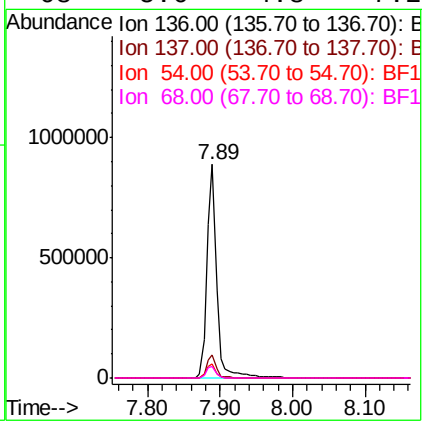


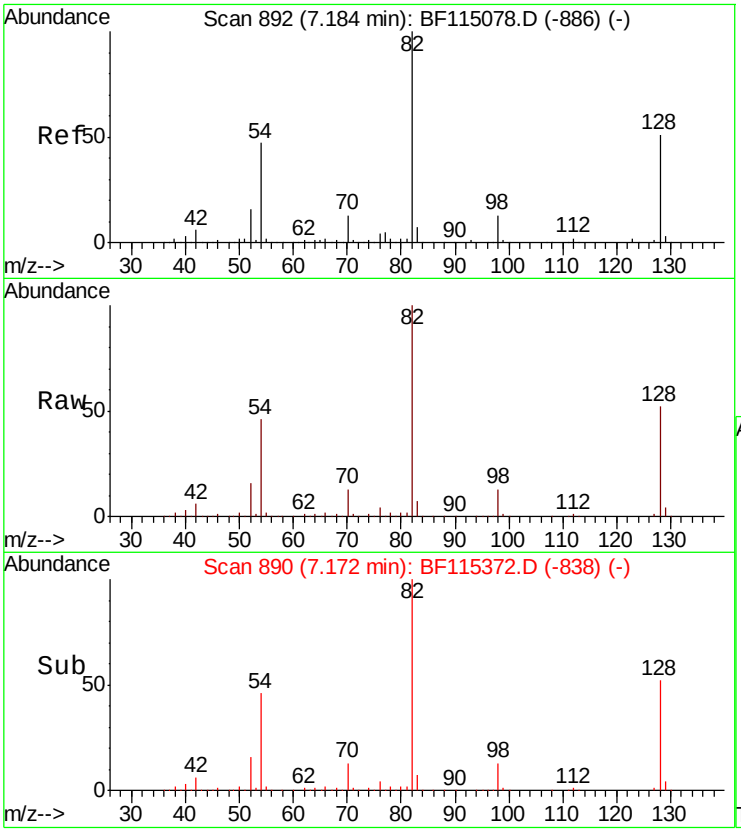


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Tgt Ion:136 Resp: 833713

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.4	5.6	8.4
68	5.6	4.8	7.2



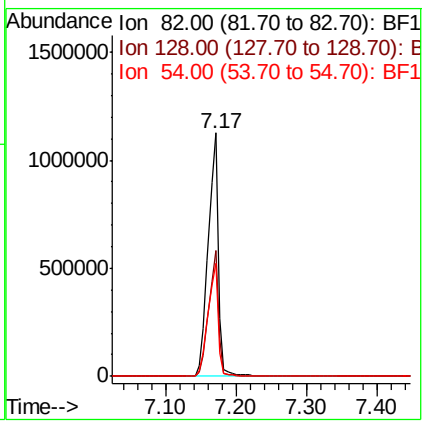


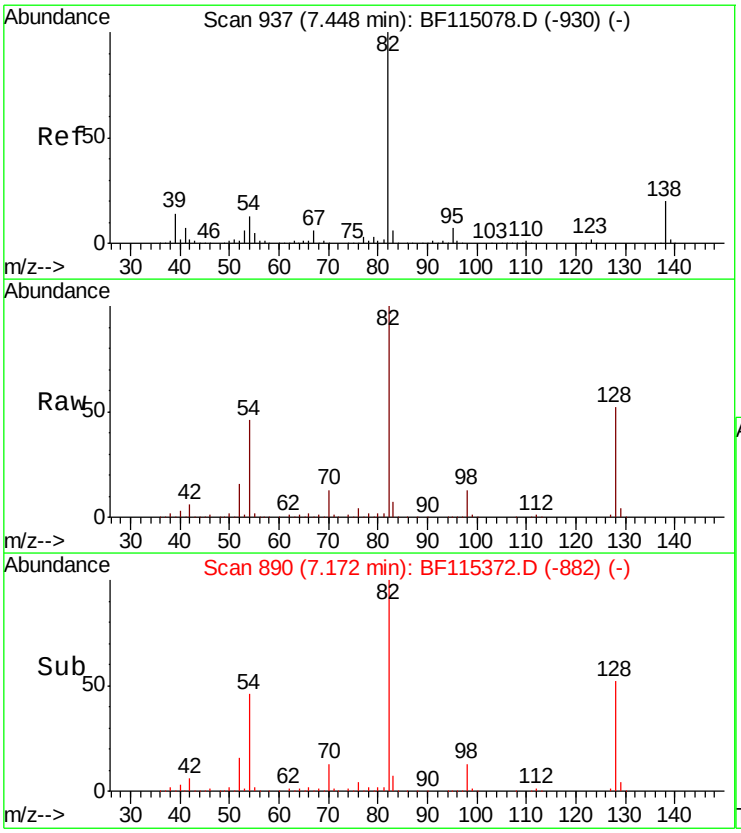
#23
Nitrobenzene-d5
Concen: 84.736 ng
RT: 7.17 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-EQUIP-BLANK

Tgt Ion: 82 Resp: 1148416

Ion	Ratio	Lower	Upper
82	100		
128	51.9	40.4	60.6
54	46.3	37.5	56.3

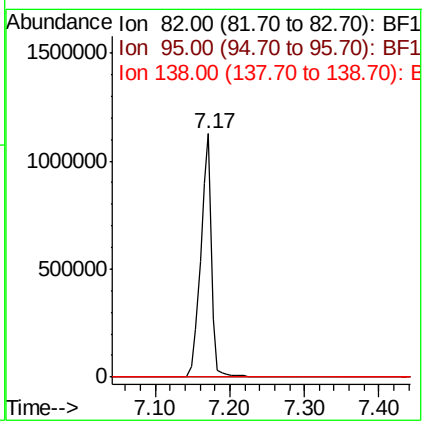


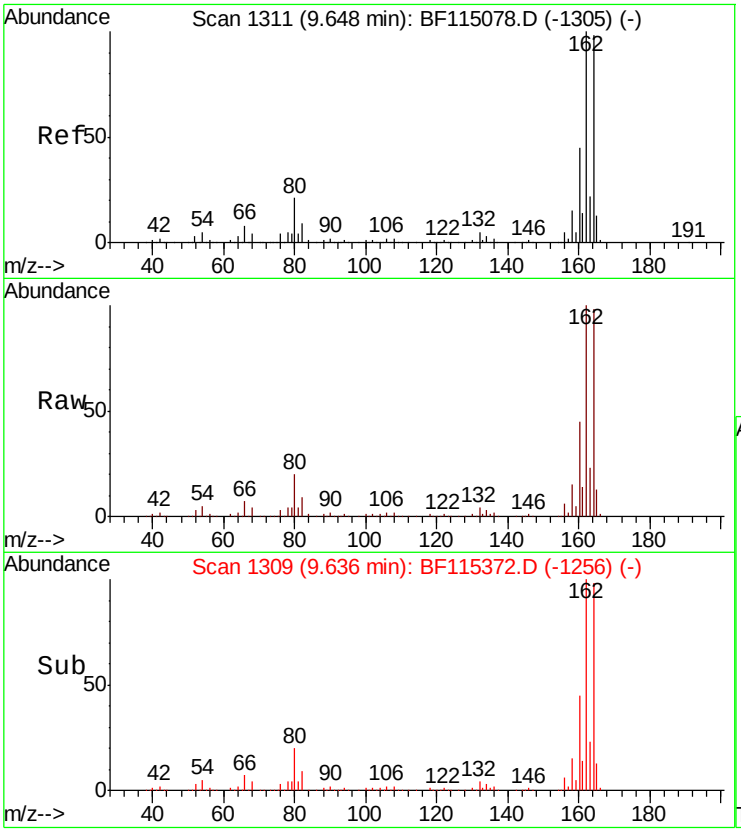


#25
Isophorone
Concen: 40.736 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.25 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Tgt Ion: 82 Resp: 1130981

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



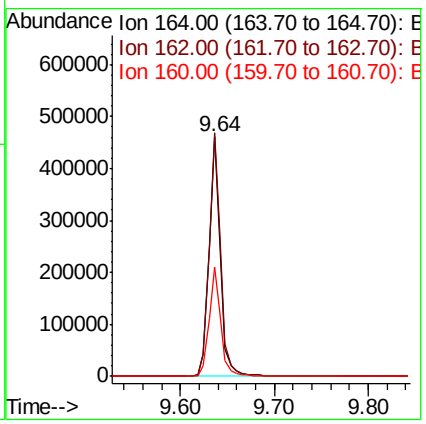


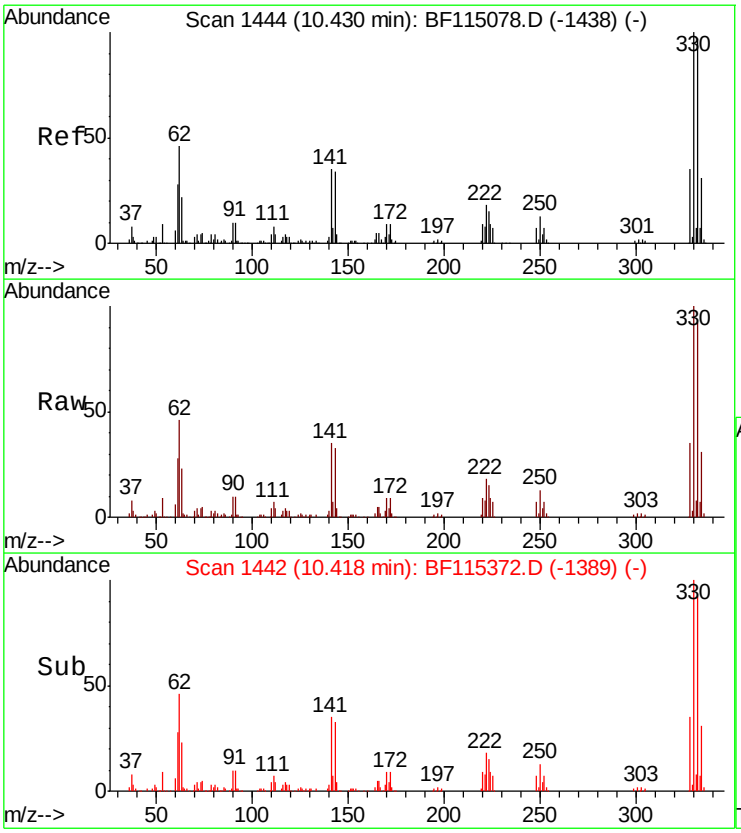
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-EQUIP-BLANK

Tgt Ion:164 Resp: 396784

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.7	122.5
160	45.6	37.0	55.4

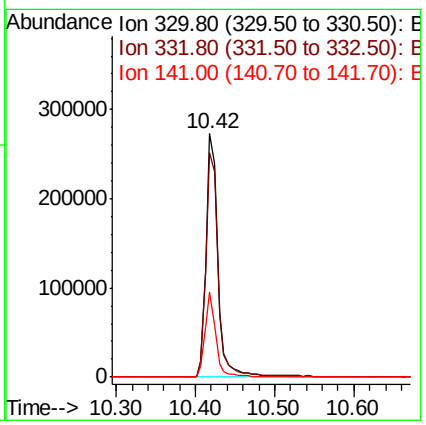


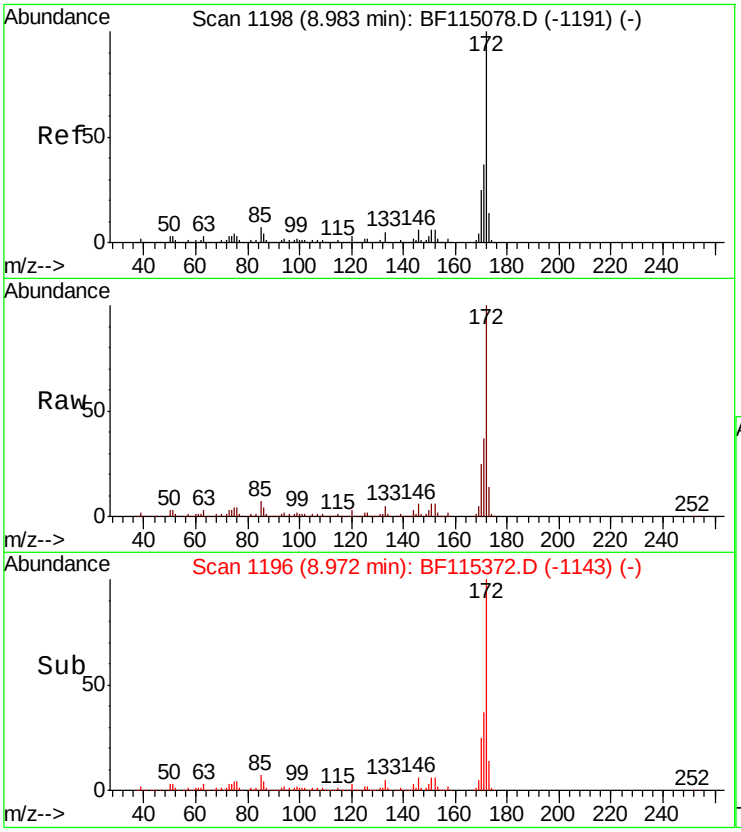


#42
2,4,6-Tribromophenol
Concen: 69.113 ng
RT: 10.42 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Tgt Ion:330 Resp: 289185

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	32.5	28.2	42.2



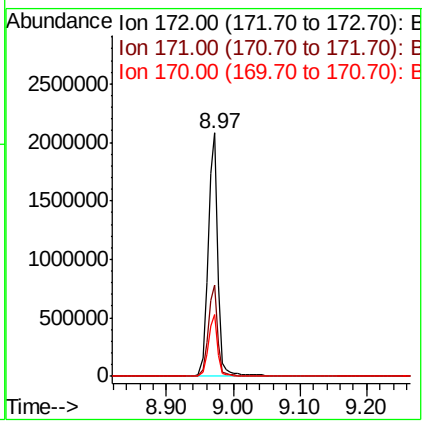


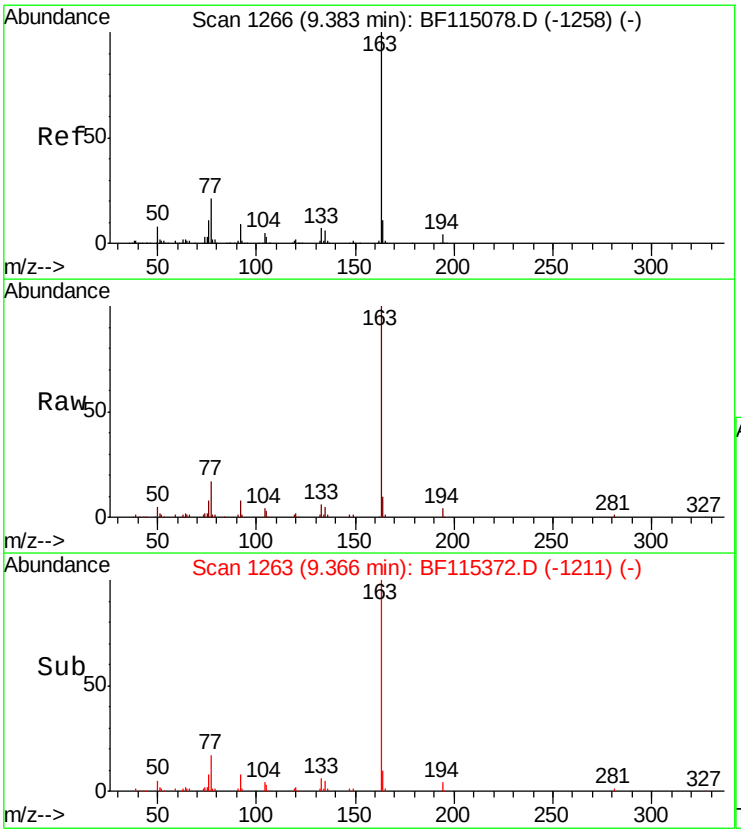
#45
2-Fluorobiphenyl
Concen: 90.100 ng
RT: 8.97 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-EQUIP-BLANK

Tgt Ion:172 Resp: 2104665

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	25.4	20.3	30.5

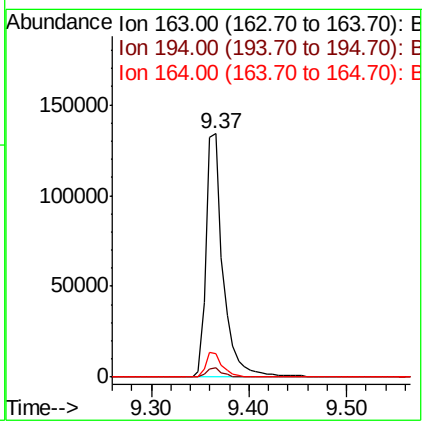


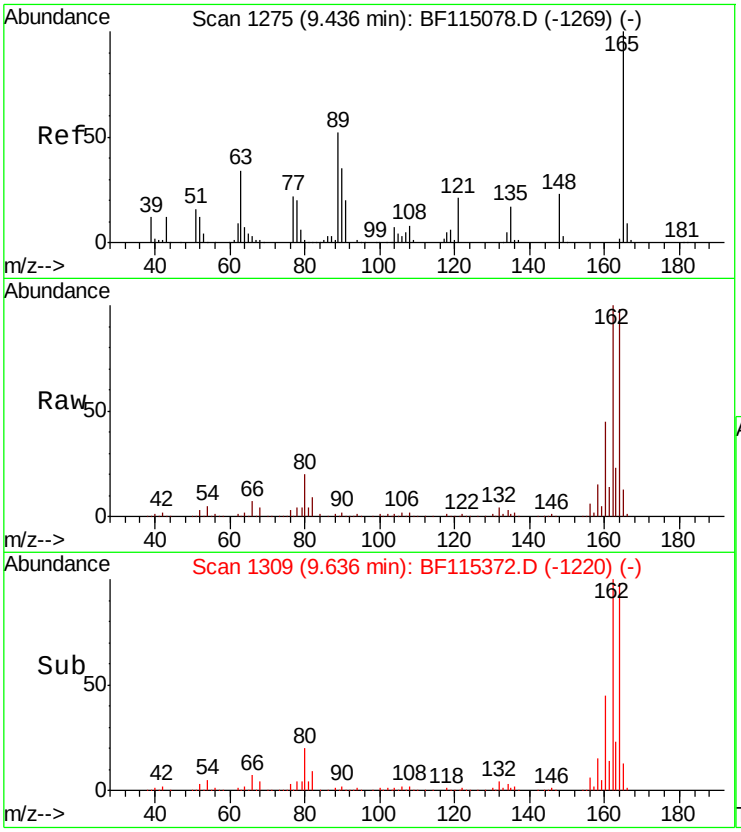


#50
Dimethylphthalate
Concen: 5.587 ng
RT: 9.37 min Scan# 1263
Delta R.T. 0.01 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Tgt Ion:163 Resp: 163100

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.8	8.6	13.0



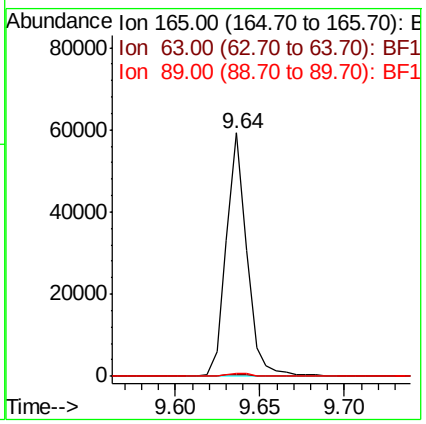


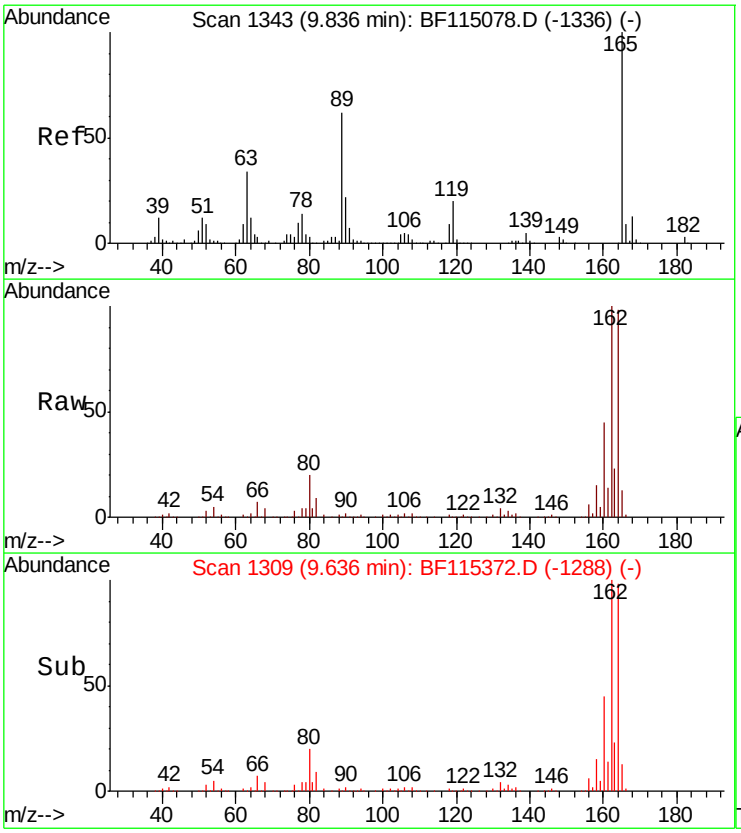
#51
2,6-Dinitrotoluene
Concen: 7.462 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.22 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-EQUIP-BLANK

Tgt Ion:165 Resp: 50289

Ion	Ratio	Lower	Upper
165	100		
63	0.8	39.4	59.2#
89	1.4	42.0	63.0#

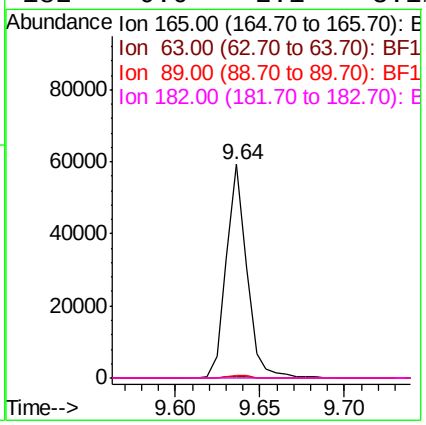


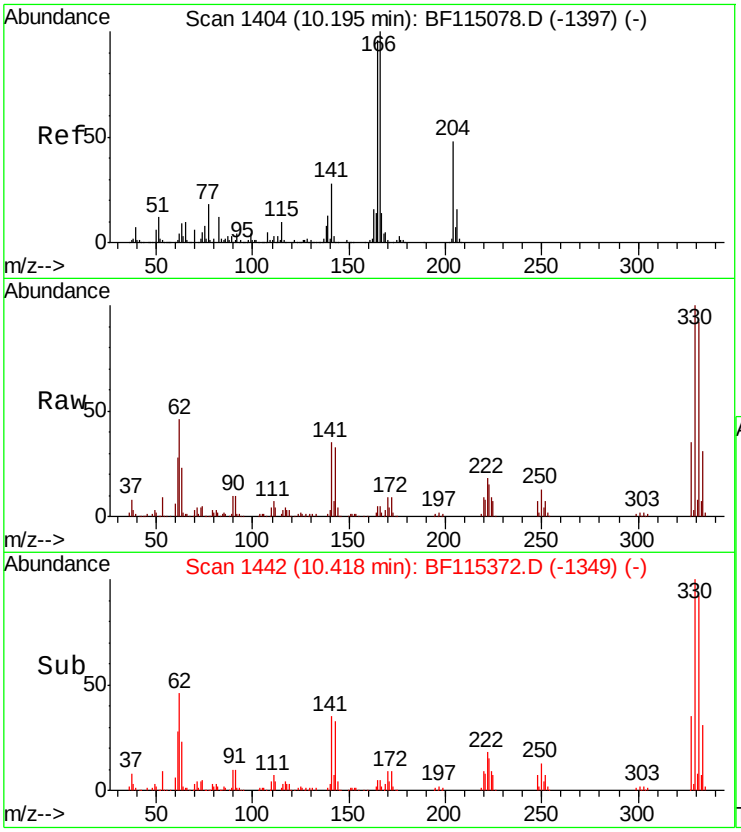


#57
2,4-Dinitrotoluene
Concen: 5.779 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.18 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Tgt Ion:165 Resp: 50289

Ion	Ratio	Lower	Upper
165	100		
63	0.8	27.5	41.3#
89	1.4	49.9	74.9#
182	0.0	2.1	3.1#



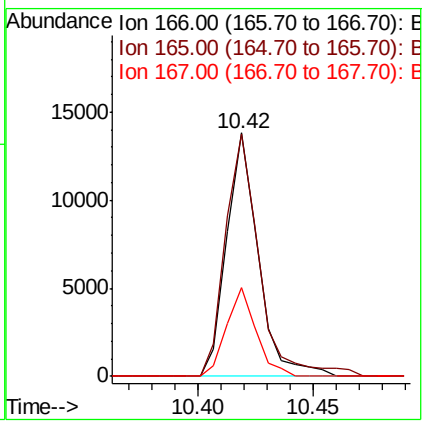


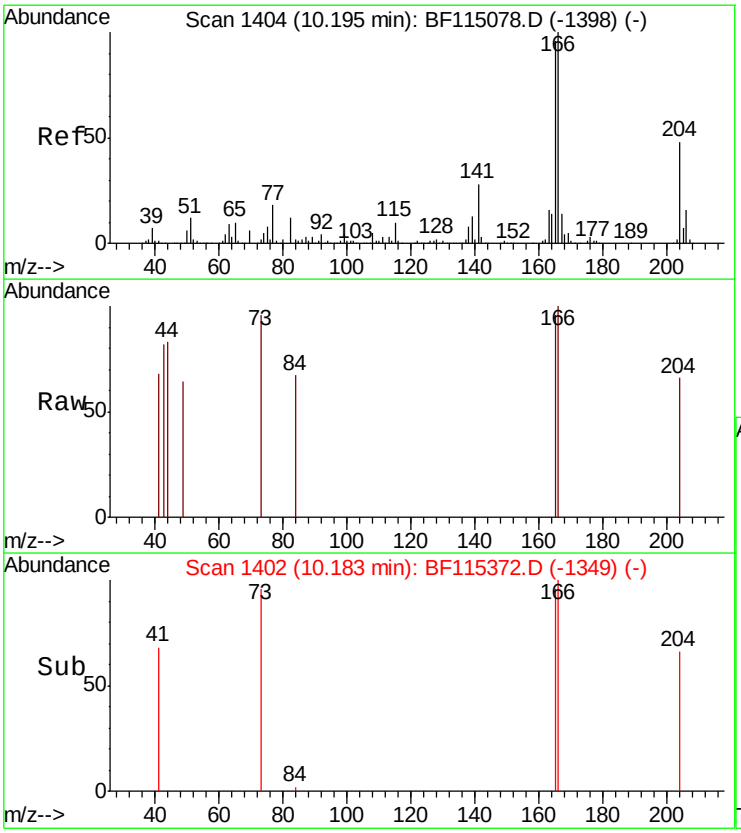
#58
Fluorene
Concen: Below Cal
RT: 10.42 min Scan# 1442
Delta R.T. 0.25 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-EQUIP-BLANK

Tgt Ion:166 Resp: 13224

Ion	Ratio	Lower	Upper
166	100		
165	99.3	76.5	114.7
167	36.6	11.0	16.4#

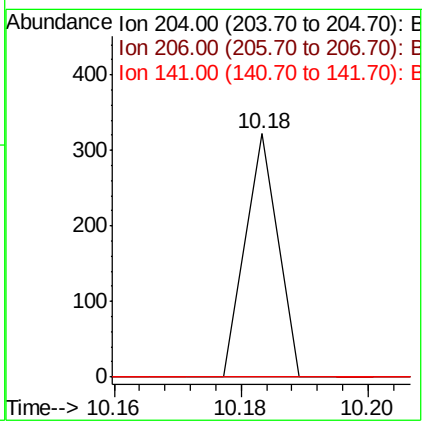


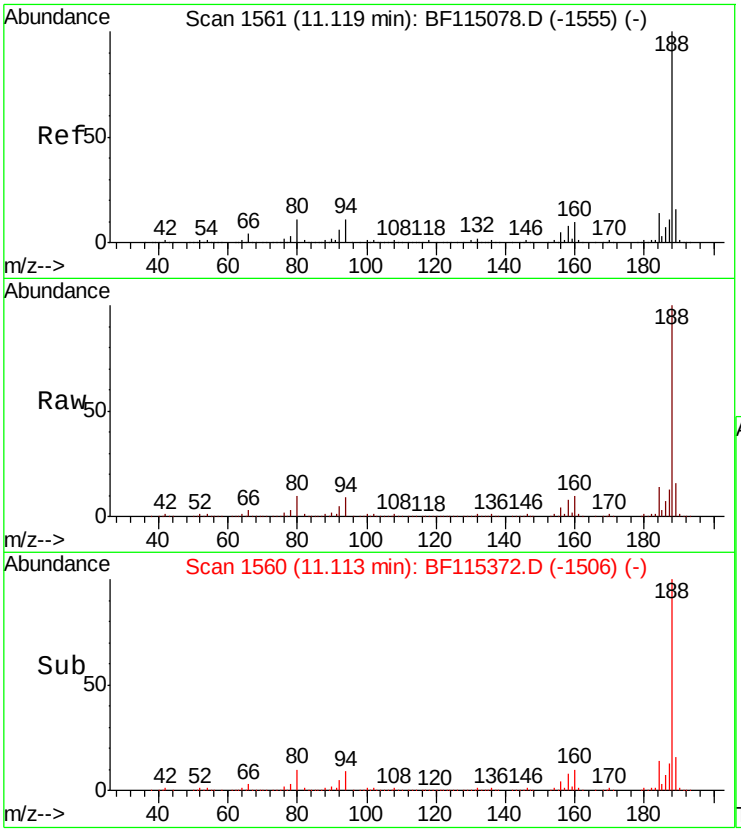


#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.18 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Tgt Ion:204 Resp: 114

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.6	40.0#
141	0.0	46.7	70.1#



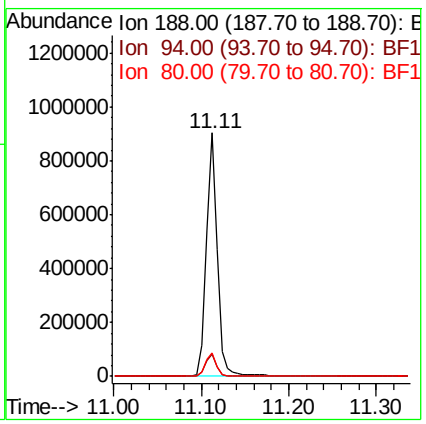


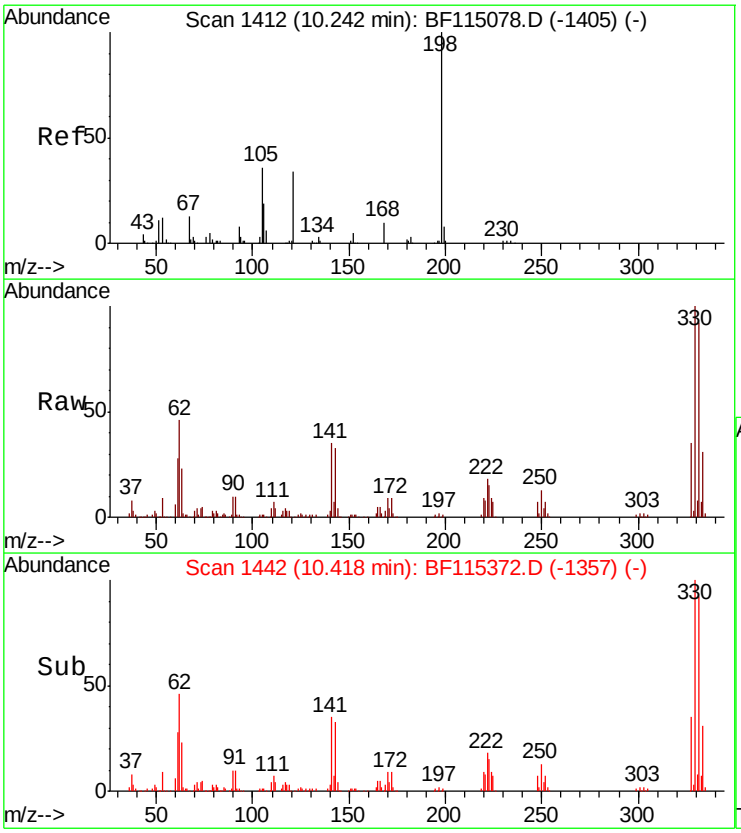
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. 0.02 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-EQUIP-BLANK

Tgt Ion:188 Resp: 791902

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.6	12.8
80	9.7	8.8	13.2

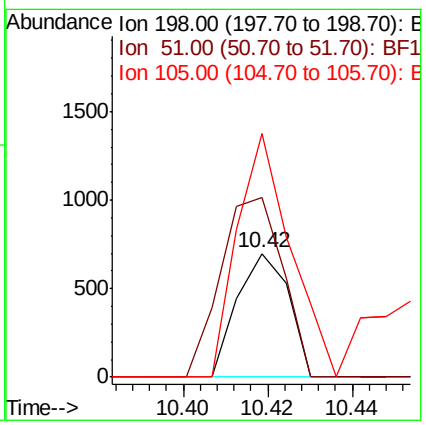


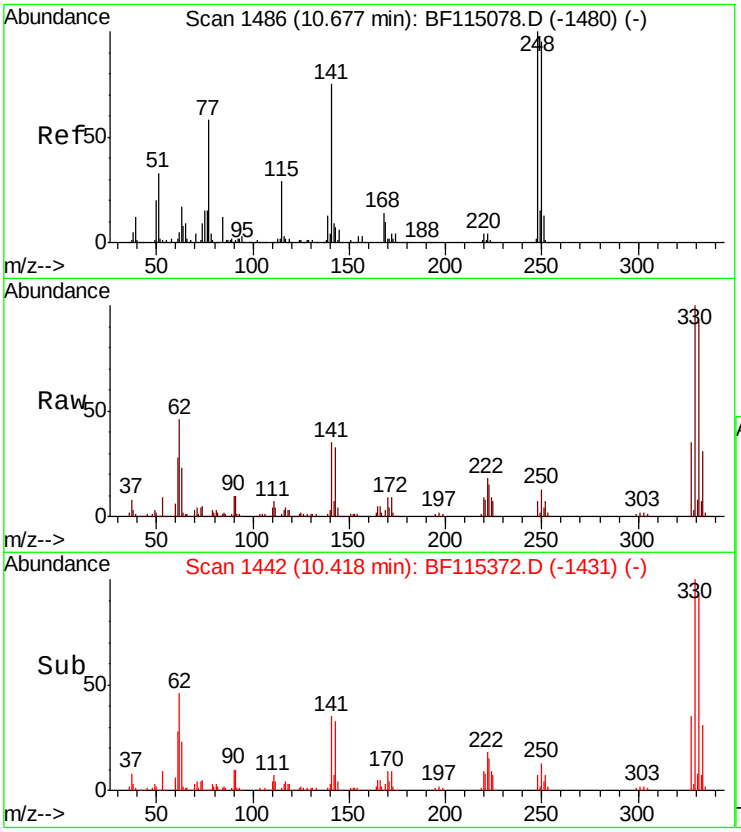


#65
4,6-Dinitro-2-methylphenol
Concen: 5.086 ng
RT: 10.42 min Scan# 1442
Delta R.T. 0.20 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Tgt Ion:198 Resp: 591

Ion	Ratio	Lower	Upper
198	100		
51	145.4	11.0	51.0#
105	197.0	17.3	57.3#



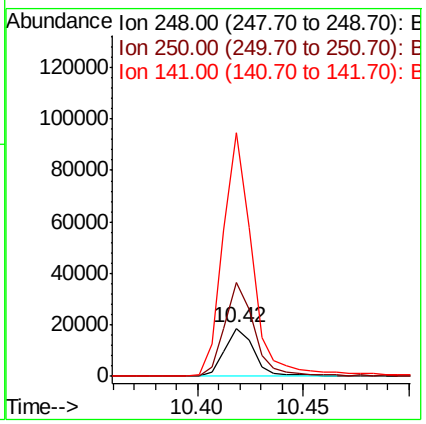


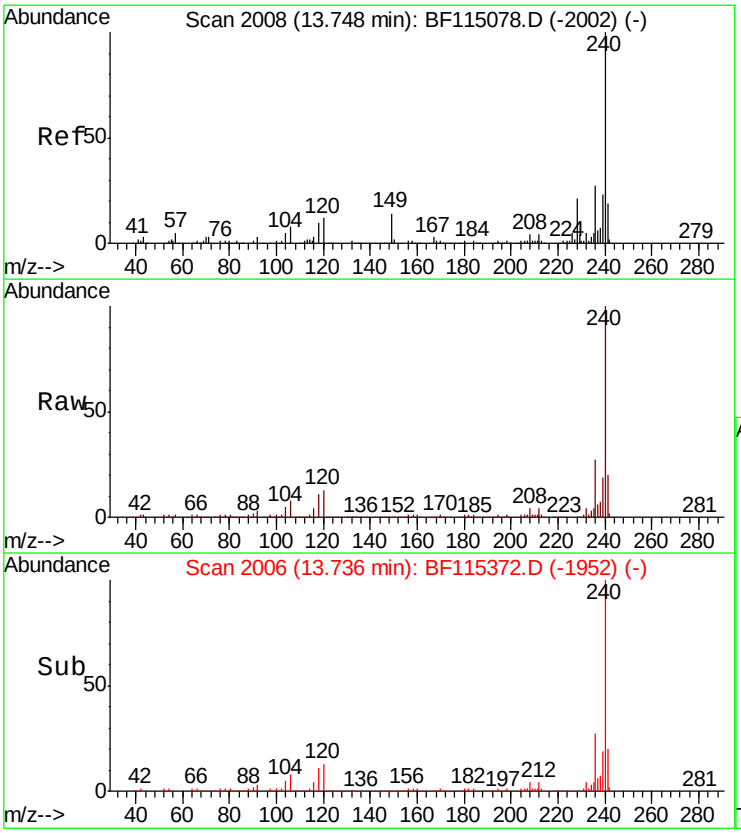
#67
4-Bromophenyl-phenylether
Concen: 2.100 ng
RT: 10.42 min Scan# 1442
Delta R.T. -0.24 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-EQUIP-BLANK

Tgt Ion:248 Resp: 18027

Ion	Ratio	Lower	Upper
248	100		
250	195.0	76.2	114.2#
141	505.4	59.6	89.4#

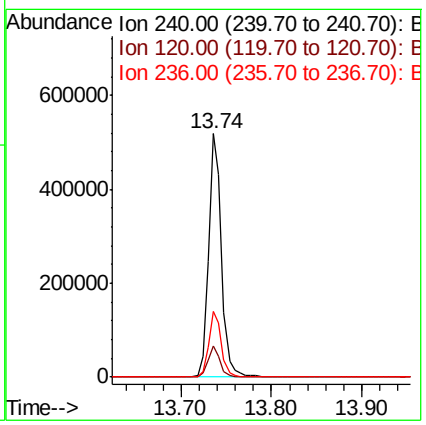


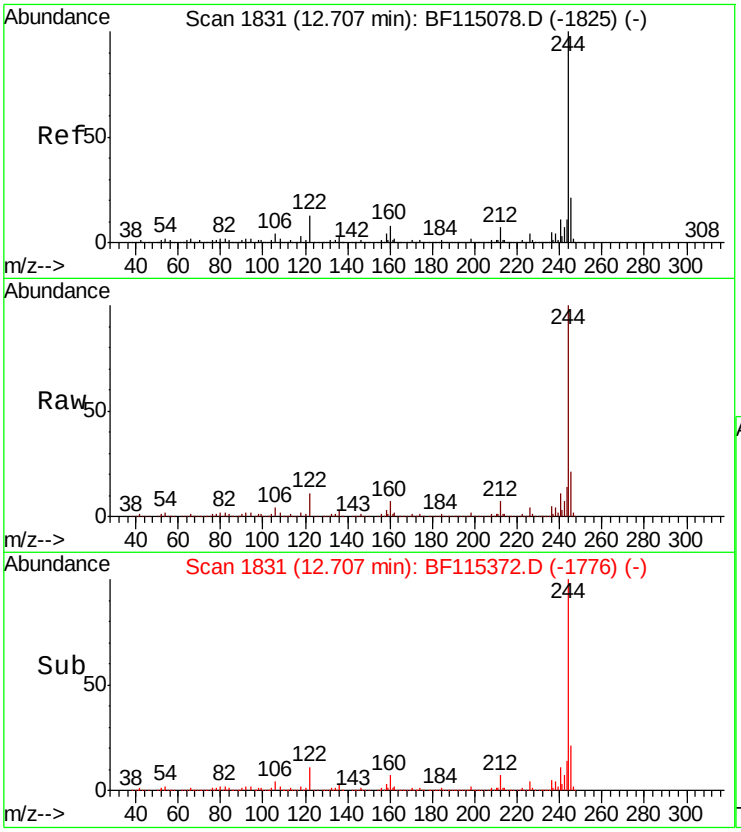


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2006
Delta R.T. 0.02 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Tgt Ion:240 Resp: 514535

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.4	14.2
236	26.8	21.7	32.5



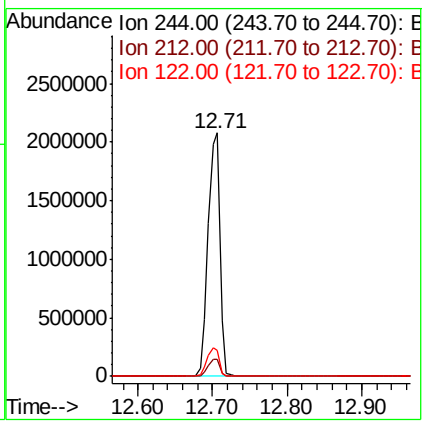


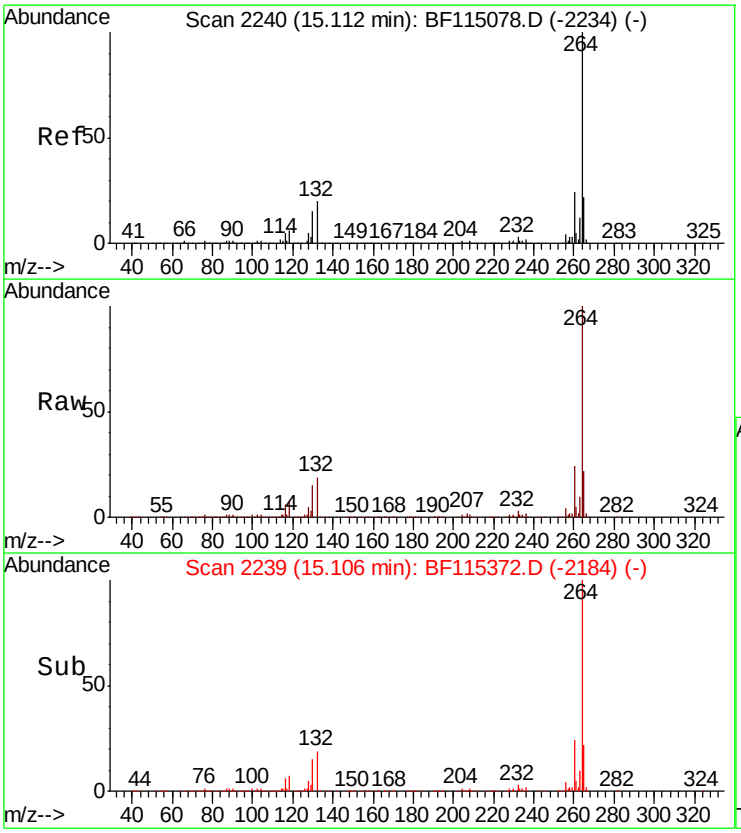
#79
Terphenyl-d14
Concen: 94.531 ng
RT: 12.71 min Scan# 1831
Delta R.T. 0.02 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-EQUIP-BLANK

Tgt Ion:244 Resp: 2287674

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	10.9	10.4	15.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. 0.02 min
Lab File: BF115372.D
Acq: 2 Jul 2019 20:54

Tgt Ion:264 Resp: 516235

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.8	17.3	25.9