Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071019\
Data File : BF115453.D
Acq On : 10 Jul 2019 14:02
Operator : HP/JU
Sample : PB121133BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121133BL

Quant Time: Jul 10 16:55:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	230932	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	892739	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	453289	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	861513	20.00	ng	0.00
76) Chrysene-d12	14.06	240	565230	20.00	ng	-0.01
87) Perylene-d12	15.55	264	497674	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1548144	103.58	ng	0.02
7) Phenol-d6	6.53	99	2020447	106.29	ng	0.00
23) Nitrobenzene-d5	7.46	82	1310797	86.75	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	582171	116.16	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2250435	87.12	ng	0.00
79) Terphenyl-d14	13.01	244	2368629	85.80	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.53	77	2975	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.46	70	174833	13.595	ng	# 77
25) Isophorone	7.46	82	1267969	38.715	ng	# 64
51) 2,6-Dinitrotoluene	9.93	165	59220	8.026	ng	# 28
57) 2,4-Dinitrotoluene	9.93	165	59220	6.315	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.72	198	1129	8.047	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	34594	3.579	ng	# 1

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

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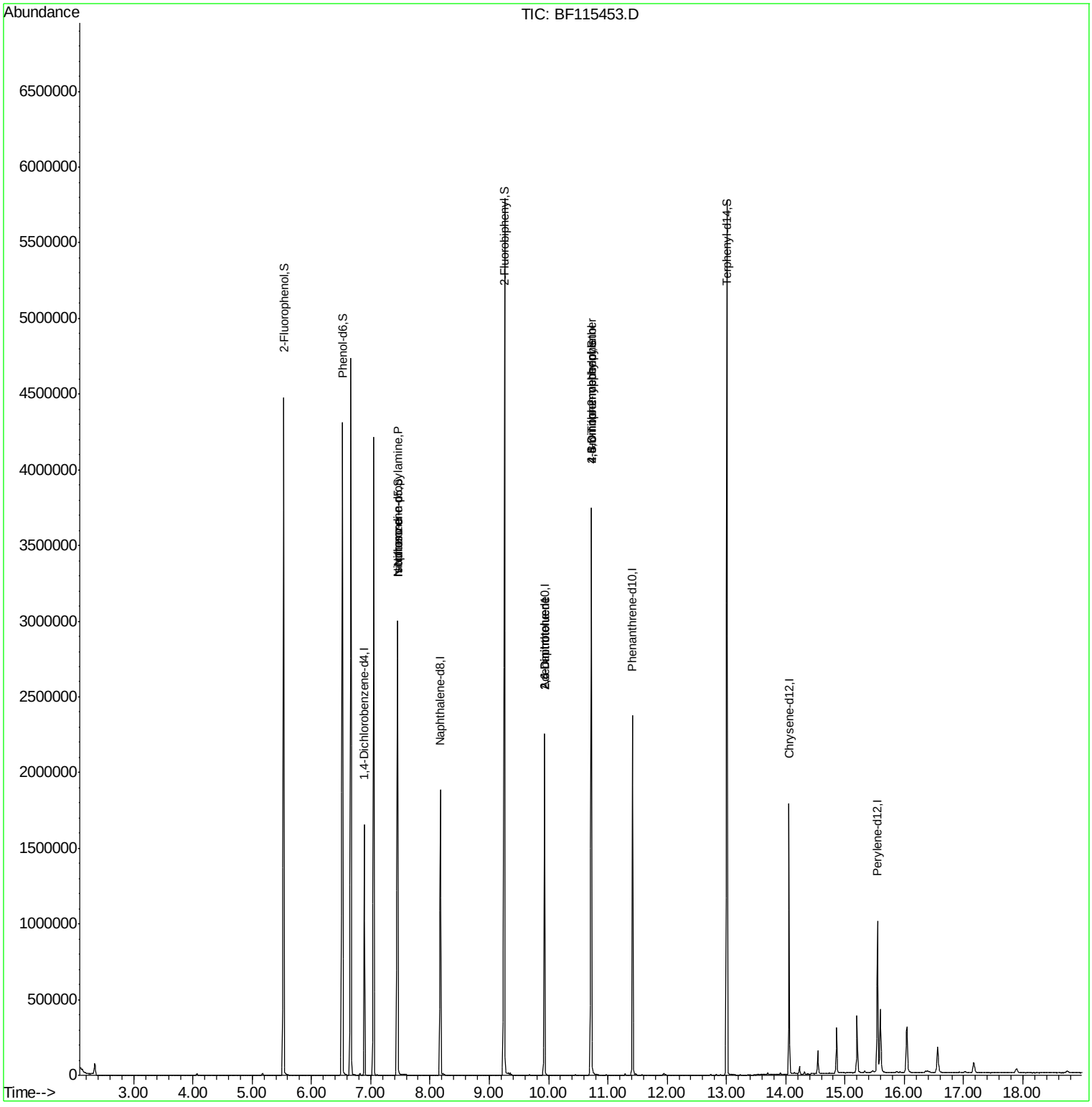
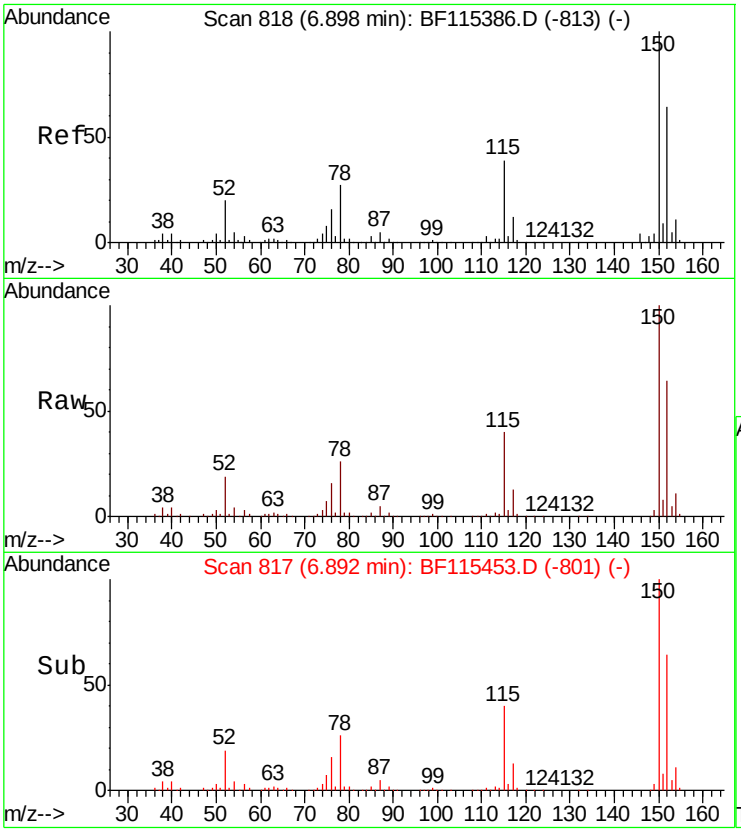


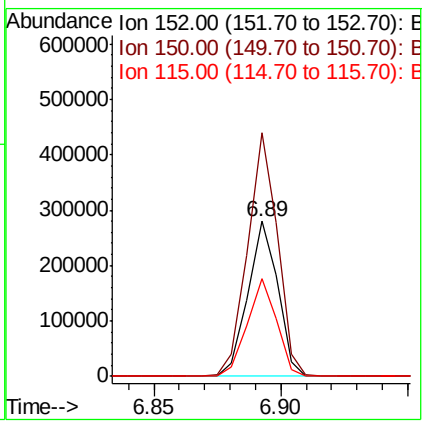


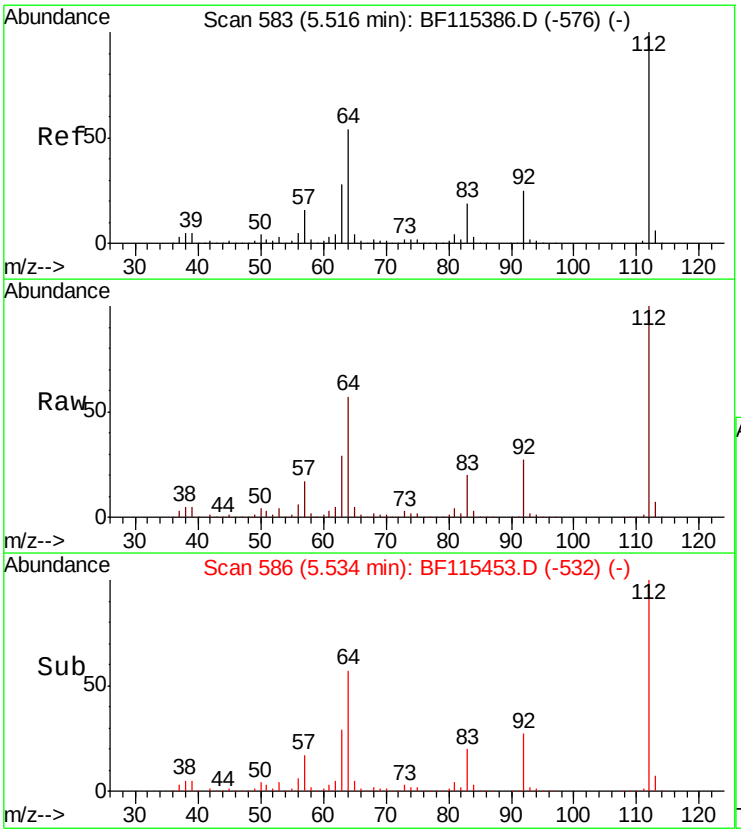
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Instrument :
BNA_F
ClientSampleId :
PB121133BL

Tgt Ion:152 Resp: 230932

Ion	Ratio	Lower	Upper
152	100		
150	156.9	127.4	191.2
115	63.2	46.2	69.4

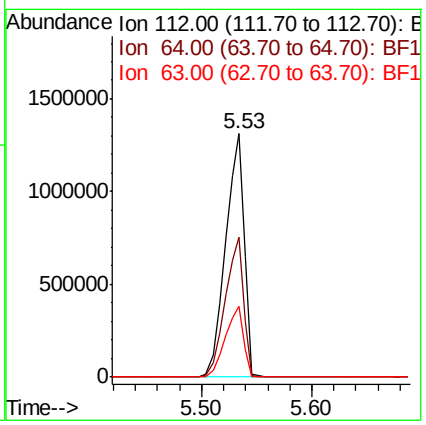


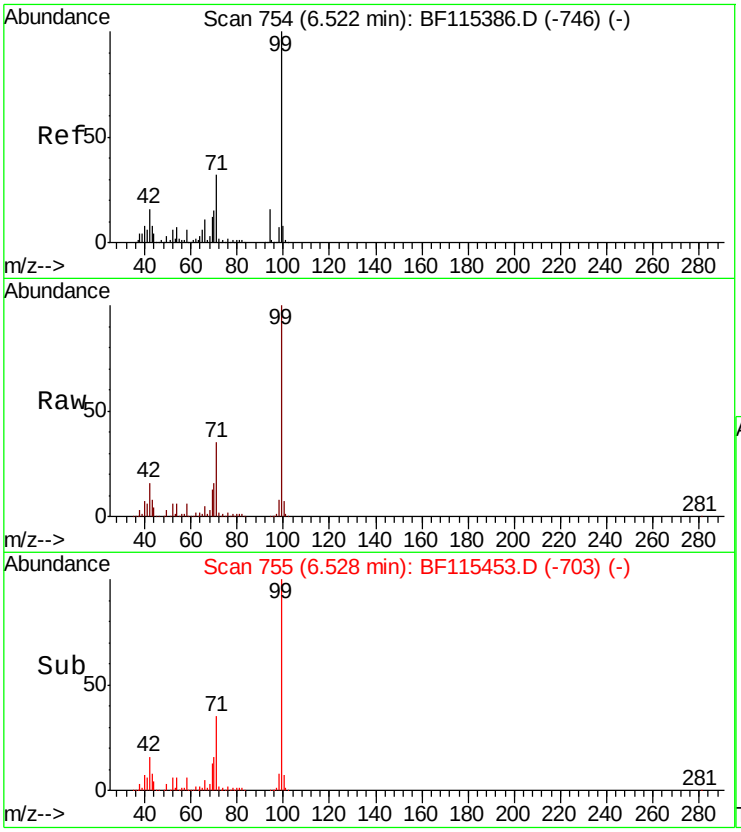


#5
2-Fluorophenol
Concen: 103.577 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Tgt Ion:112 Resp: 1548144

Ion	Ratio	Lower	Upper
112	100		
64	57.3	44.2	66.2
63	29.3	22.1	33.1



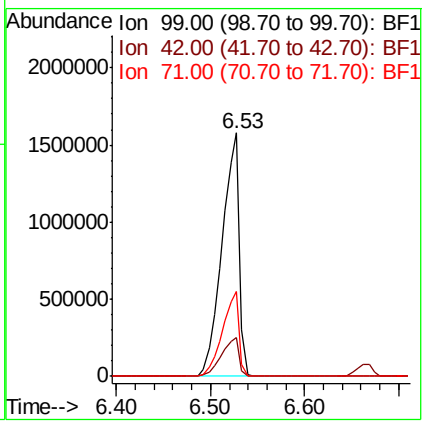


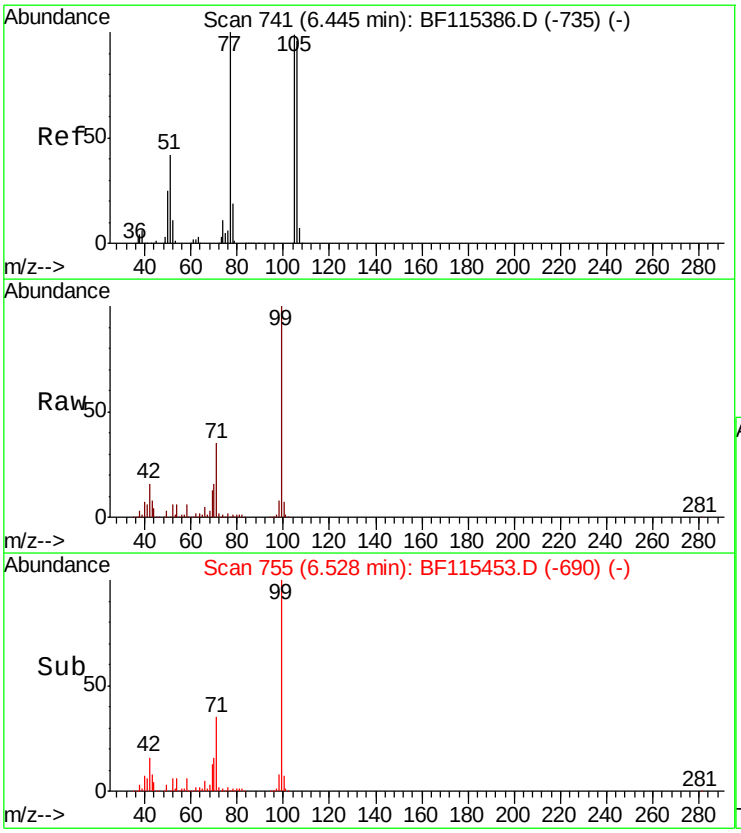
#7
Phenol-d6
Concen: 106.288 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Instrument :
BNA_F
ClientSampleId :
PB121133BL

Tgt Ion: 99 Resp: 2020447

Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.8	19.2
71	34.8	26.5	39.7

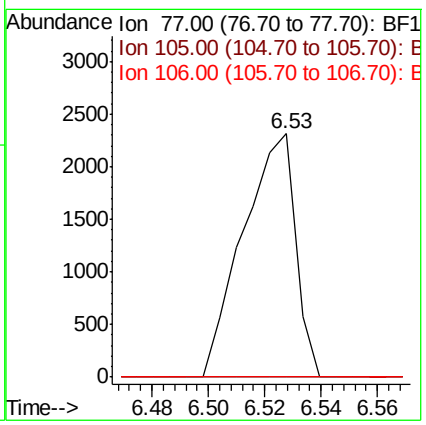


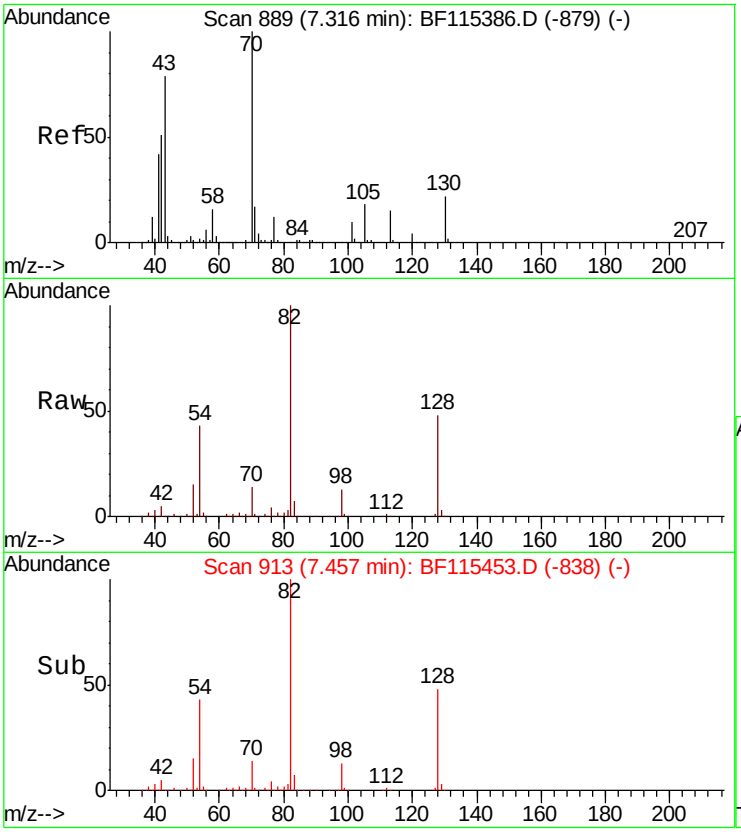


#9
Benzaldehyde
Concen: Below Cal
RT: 6.53 min Scan# 755
Delta R.T. 0.08 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Tgt Ion: 77 Resp: 2975

Ion	Ratio	Lower	Upper
77	100		
105	0.0	82.9	122.9#
106	0.0	77.8	117.8#



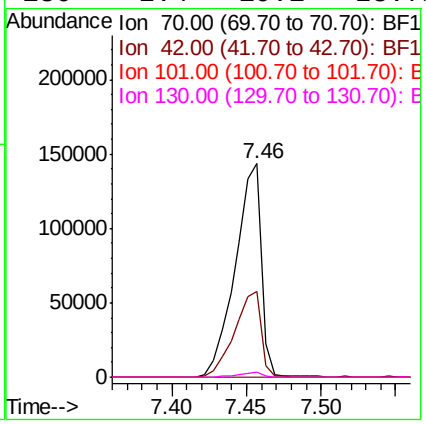


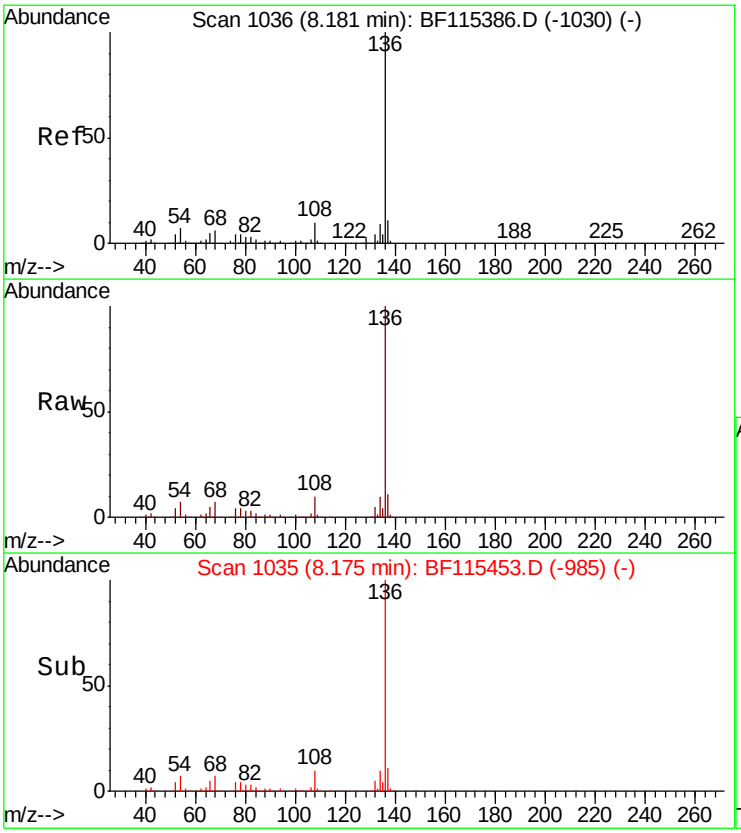
#19
n-Nitroso-di-n-propylamine
Concen: 13.595 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.14 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Instrument :
BNA_F
ClientSampleId :
PB121133BL

Tgt Ion: 70 Resp: 174833

Ion	Ratio	Lower	Upper
70	100		
42	39.9	38.5	57.7
101	0.0	8.0	12.0#
130	2.4	19.1	28.7#

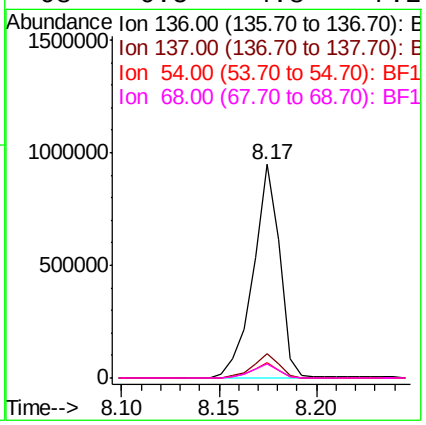


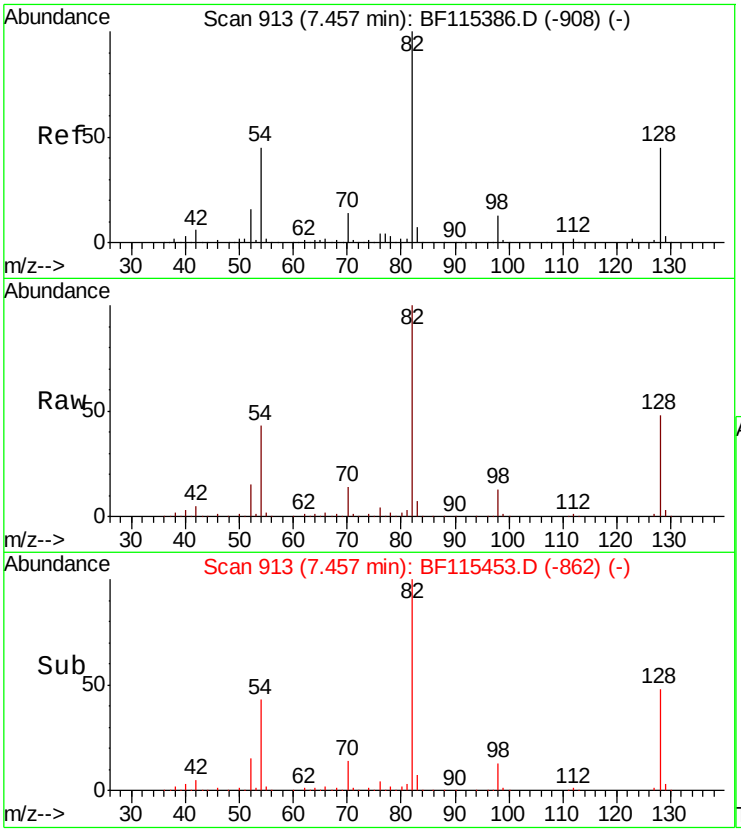


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Tgt Ion:136 Resp: 892739

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.0	5.4	8.0
68	6.5	4.8	7.2



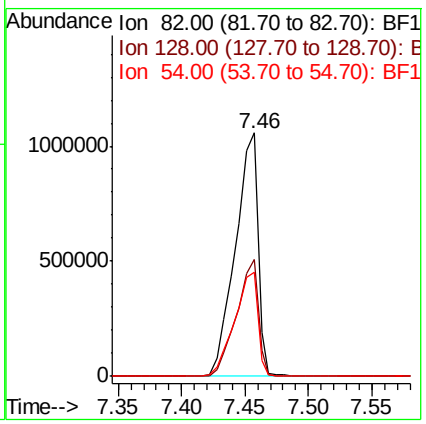


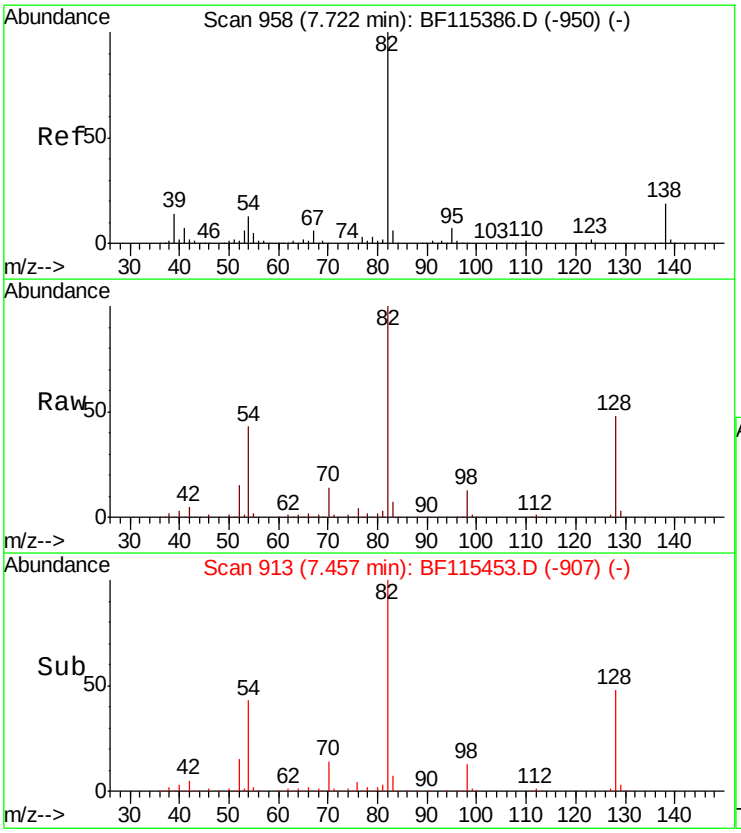
#23
Nitrobenzene-d5
Concen: 86.751 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Instrument :
BNA_F
ClientSampleId :
PB121133BL

Tgt Ion: 82 Resp: 1310797

Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.7	55.1
54	43.0	35.6	53.4

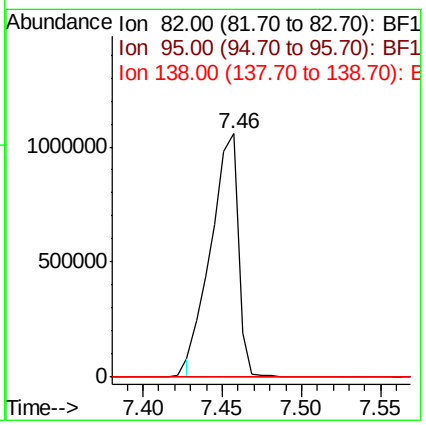


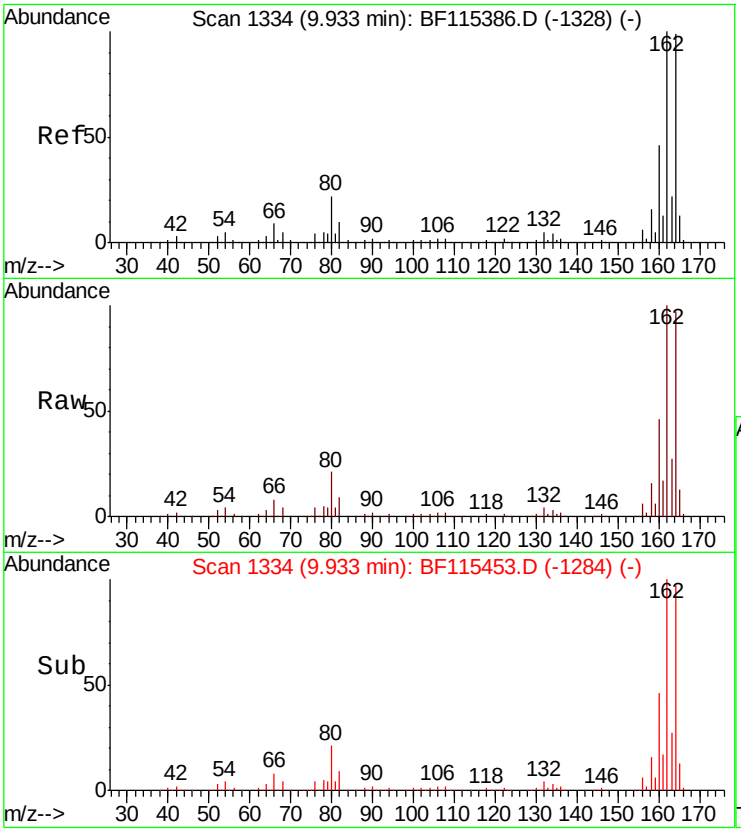


#25
Isophorone
Concen: 38.715 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Tgt Ion: 82 Resp: 1267969

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



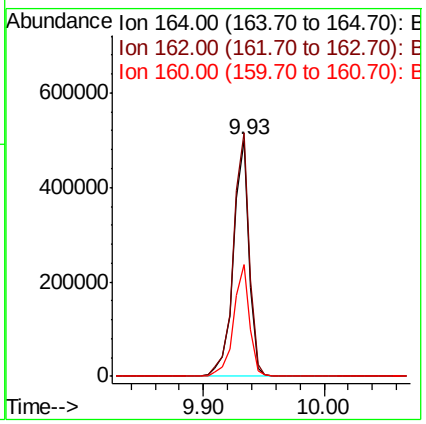


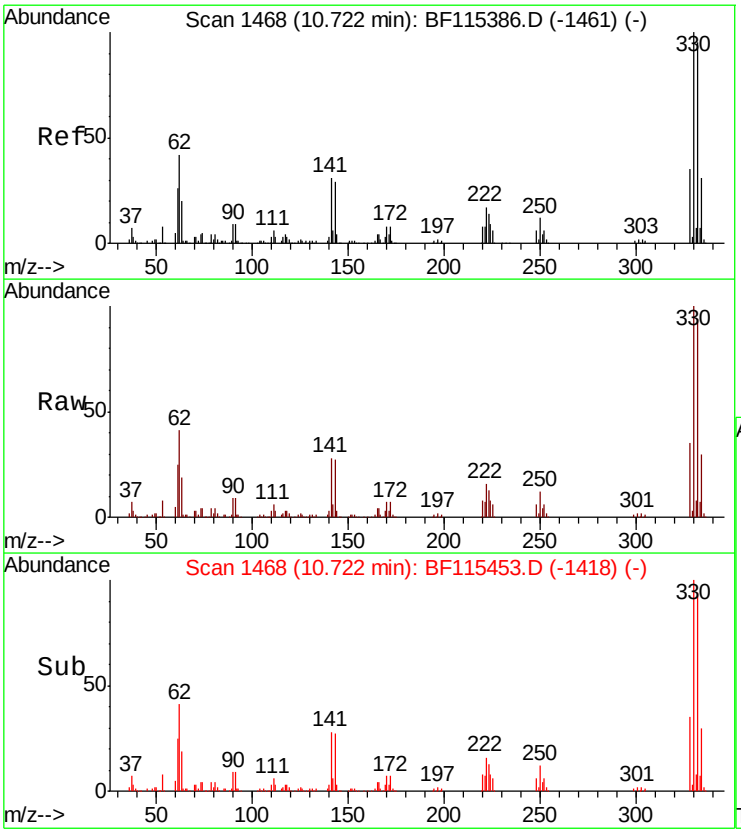
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Instrument :
BNA_F
ClientSampleId :
PB121133BL

Tgt Ion:164 Resp: 453289

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.3	123.5
160	47.2	37.2	55.8

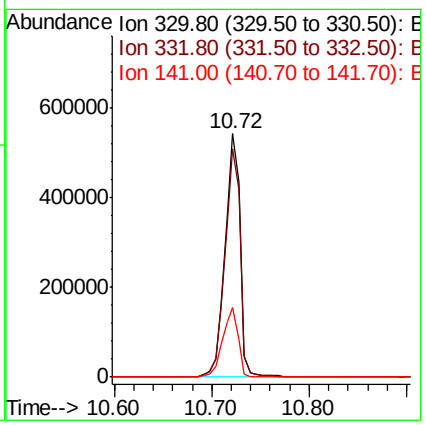


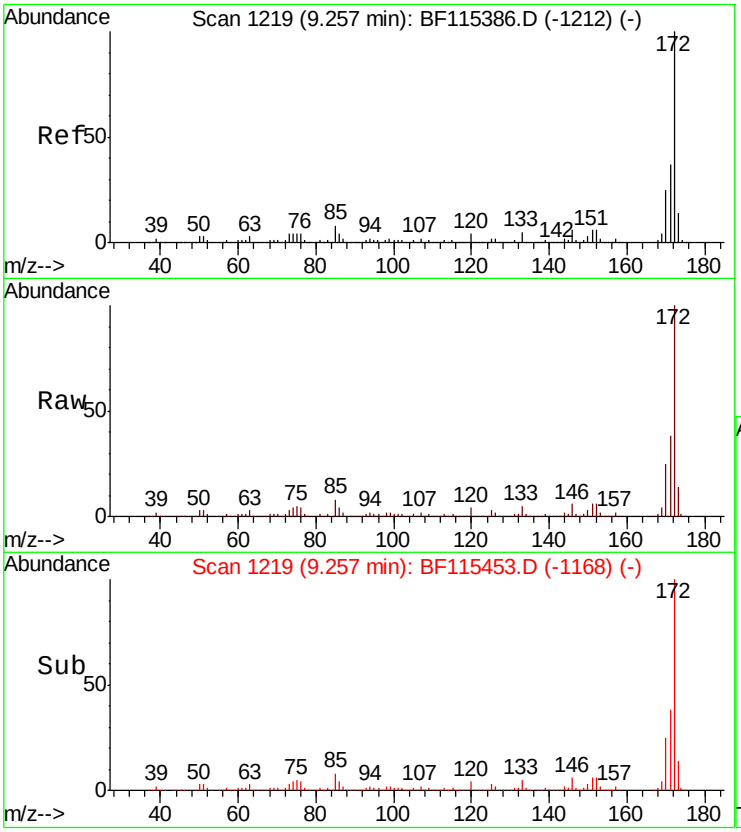


#42
2,4,6-Tribromophenol
Concen: 116.158 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Tgt Ion:330 Resp: 582171

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.0
141	29.3	24.7	37.1



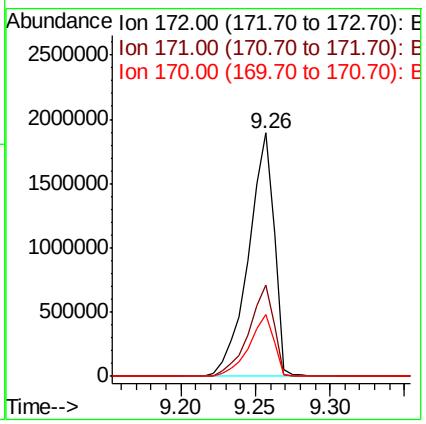


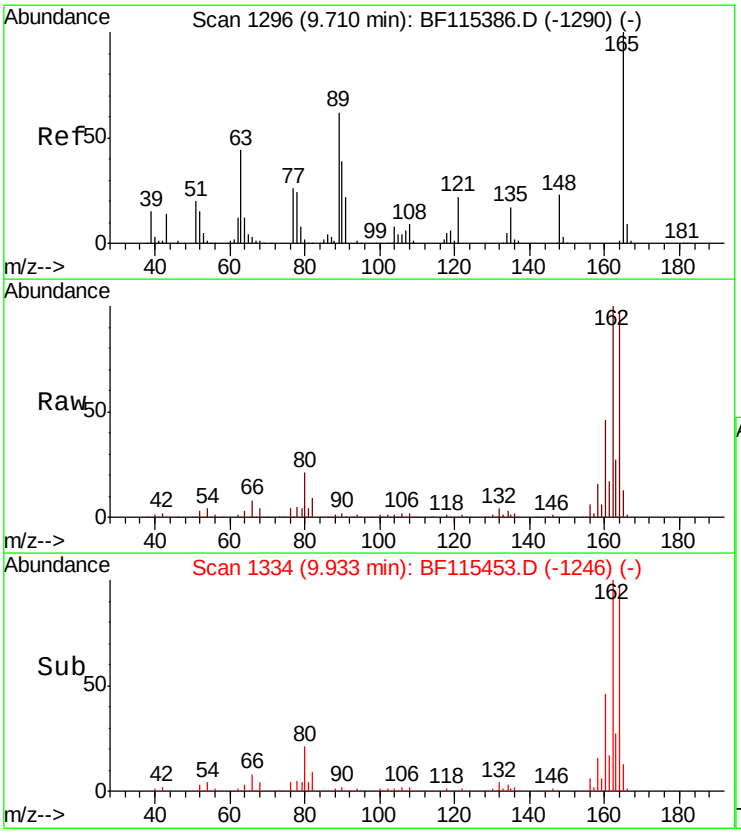
#45
2-Fluorobiphenyl
Concen: 87.118 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Instrument :
BNA_F
ClientSampleId :
PB121133BL

Tgt Ion:172 Resp: 2250435

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.8	44.8
170	25.2	20.0	30.0

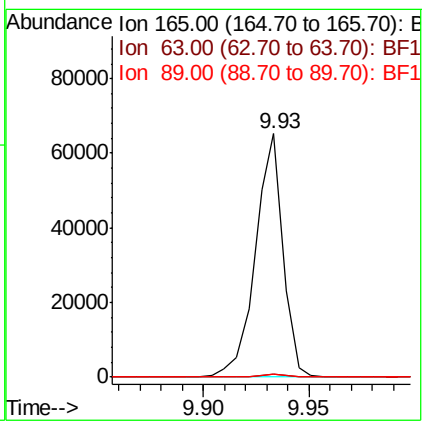


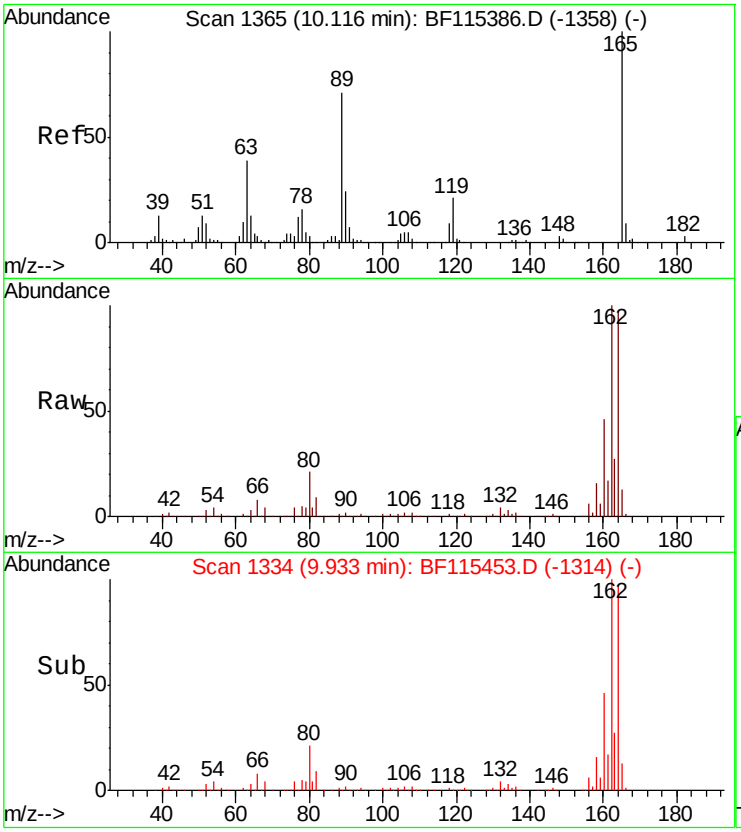


#51
2,6-Dinitrotoluene
Concen: 8.026 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Tgt Ion:165 Resp: 59220

Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.7	59.5#
89	1.5	42.8	64.2#



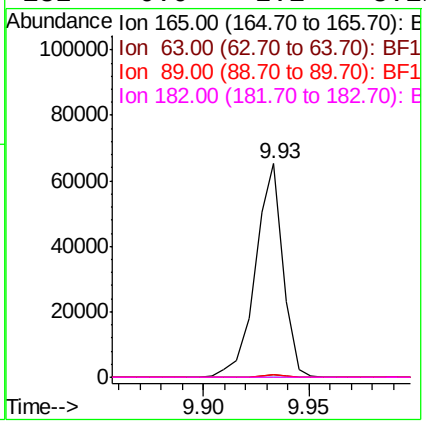


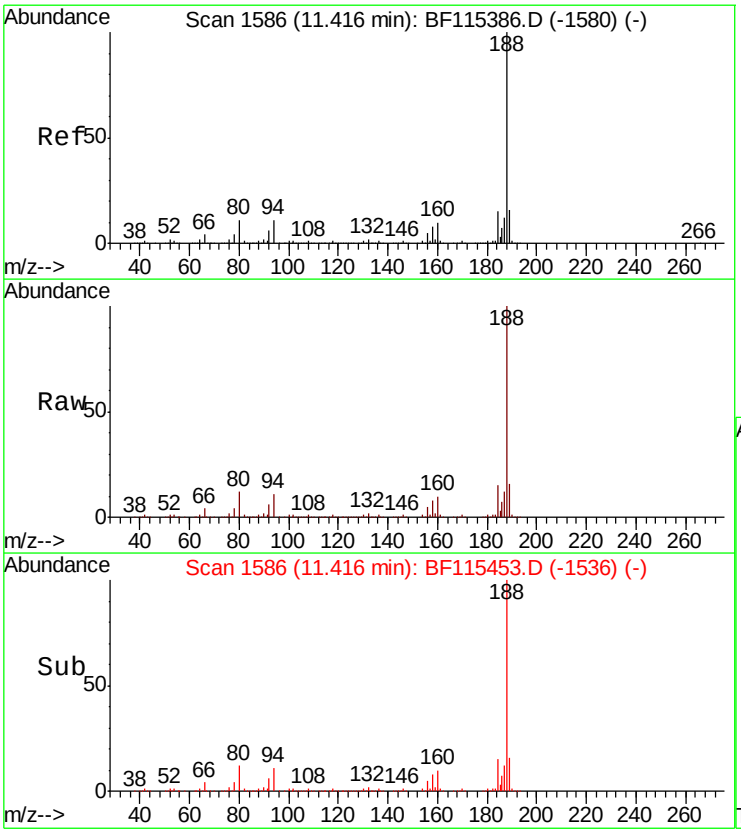
#57
2,4-Dinitrotoluene
Concen: 6.315 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Instrument :
BNA_F
ClientSampleId :
PB121133BL

Tgt Ion:165 Resp: 59220

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.0	49.4#
89	1.5	58.5	87.7#
182	0.0	2.1	3.1#

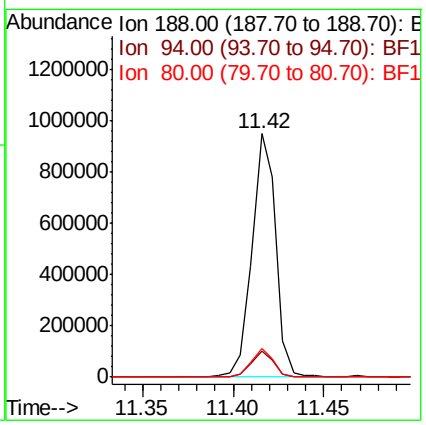


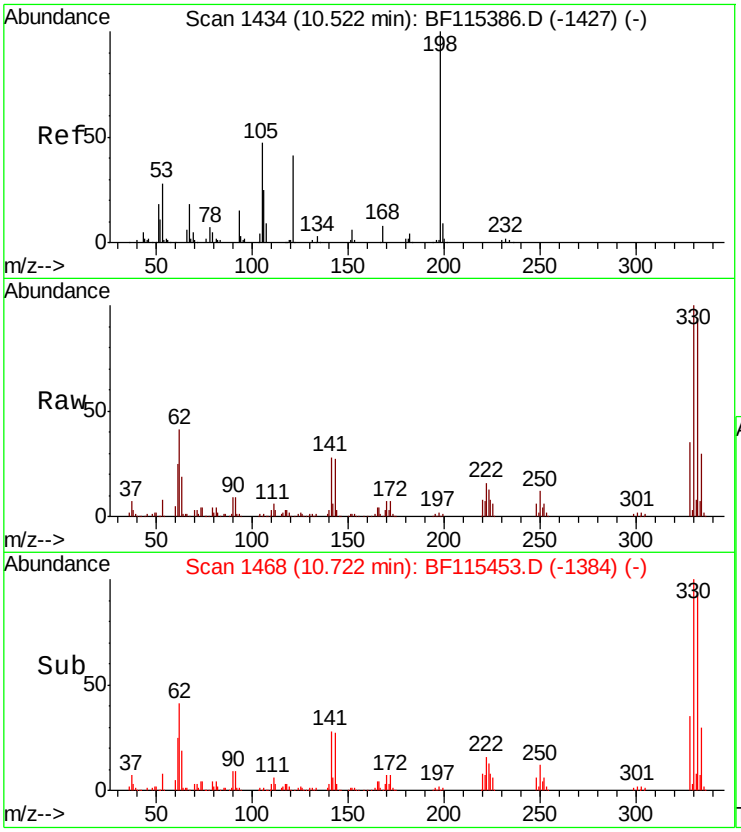


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Tgt Ion:188 Resp: 861513

Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.8	11.8
80	11.7	8.4	12.6



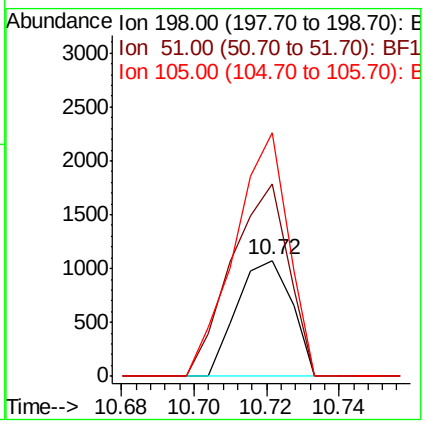


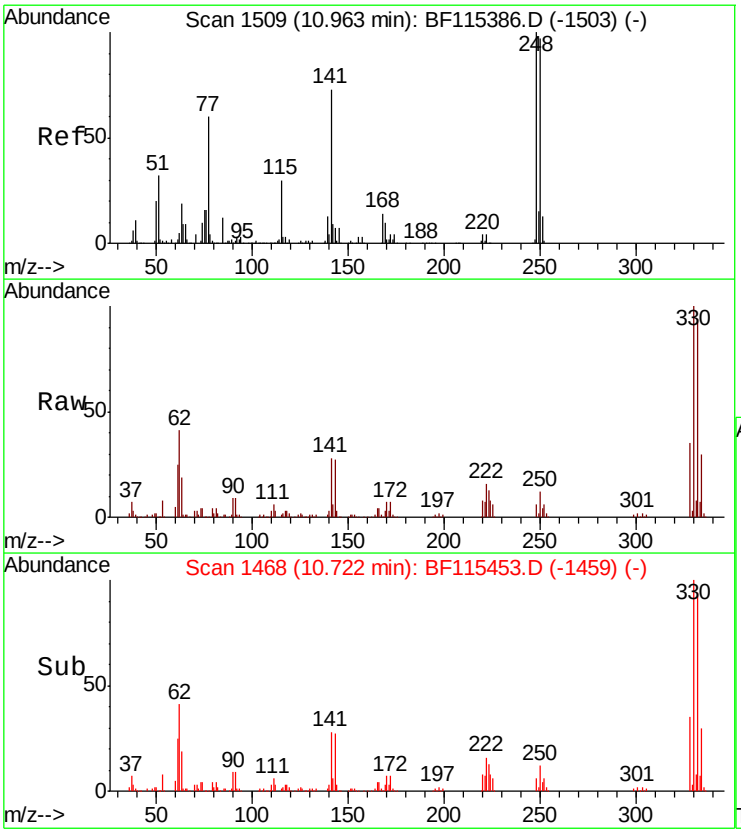
#65
4,6-Dinitro-2-methylphenol
Concen: 8.047 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Instrument :
BNA_F
ClientSampleId :
PB121133BL

Tgt Ion:198 Resp: 1129

Ion	Ratio	Lower	Upper
198	100		
51	166.8	20.7	60.7#
105	210.5	25.3	65.3#

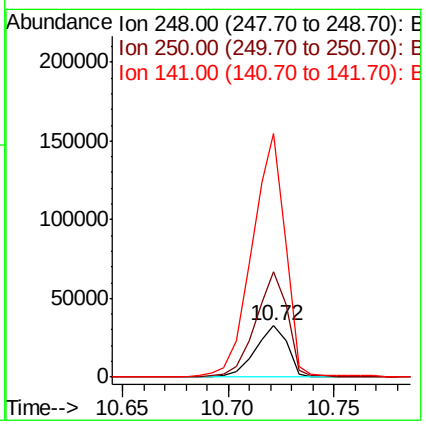


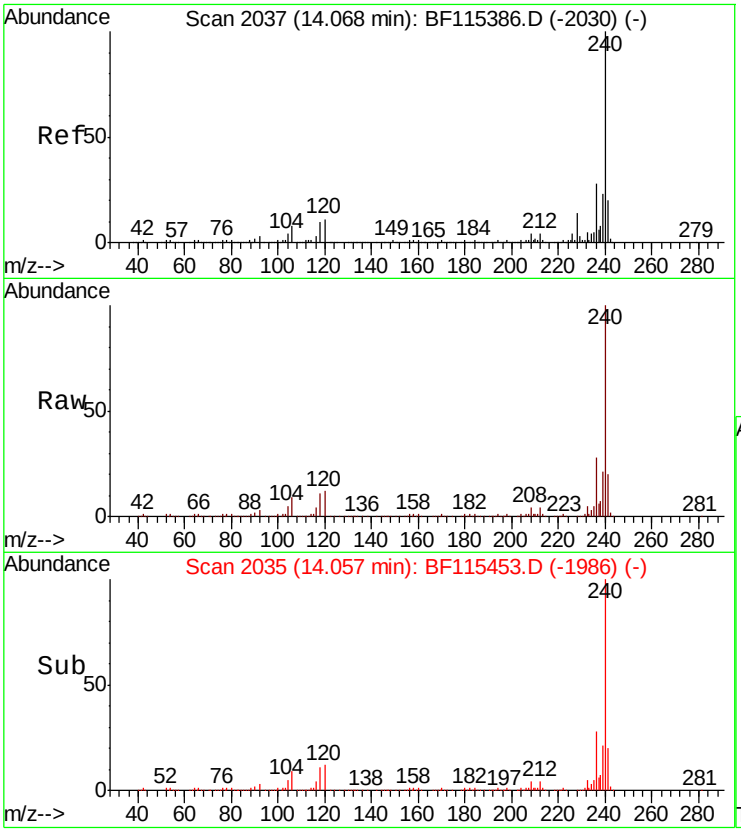


#67
4-Bromophenyl-phenylether
Concen: 3.579 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.25 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Tgt Ion:248 Resp: 34594

Ion	Ratio	Lower	Upper
248	100		
250	206.6	78.3	117.5#
141	474.6	52.2	78.2#



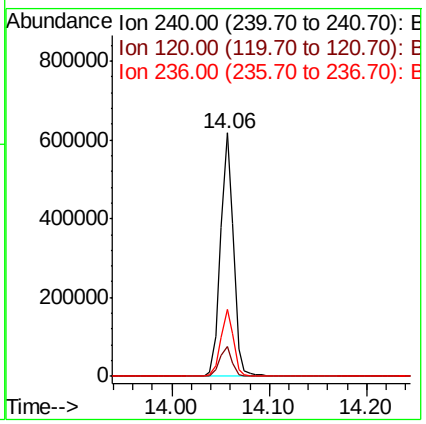


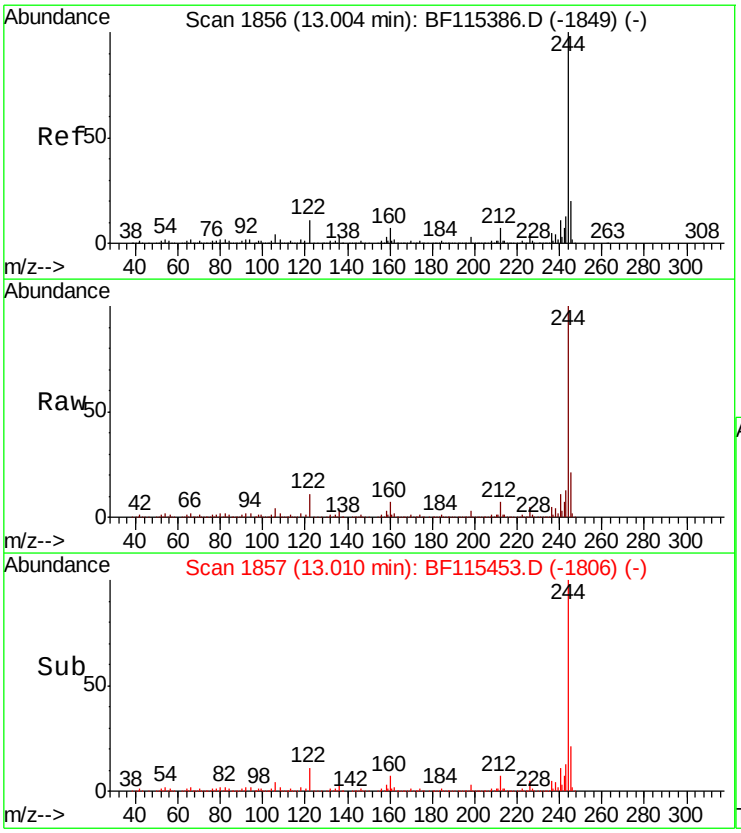
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Instrument :
BNA_F
ClientSampleId :
PB121133BL

Tgt Ion:240 Resp: 565230

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.2	15.4
236	27.7	21.1	31.7

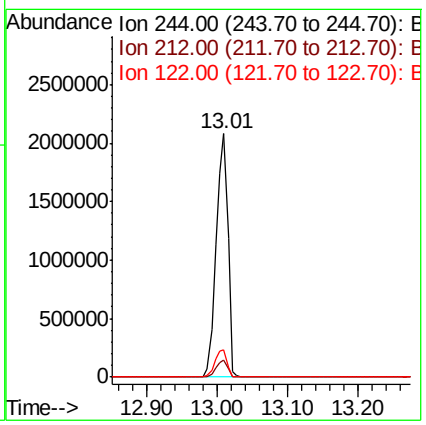


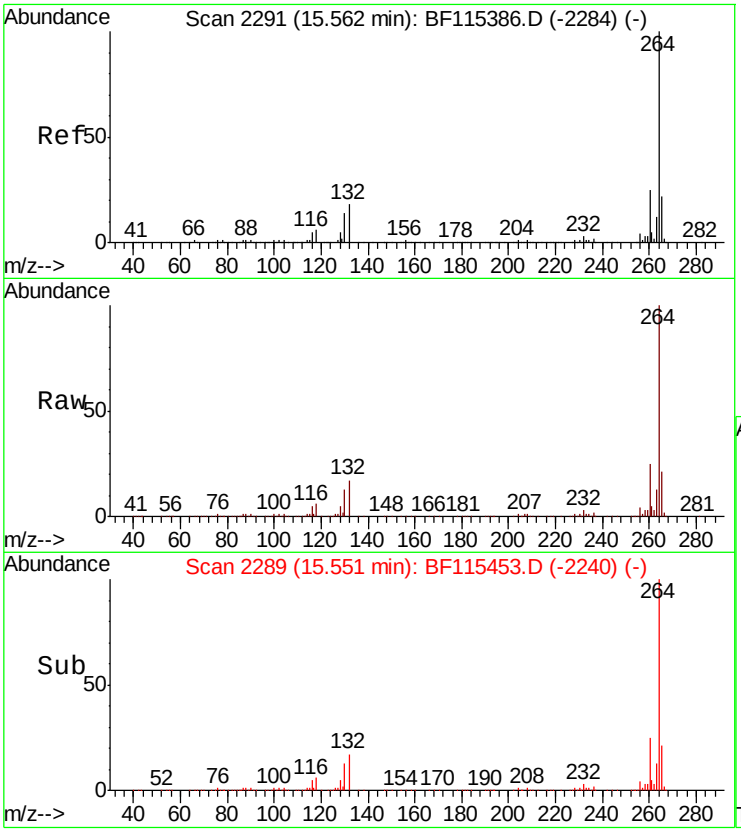


#79
Terphenyl-d14
Concen: 85.802 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Tgt Ion:244 Resp: 2368629

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	11.1	9.1	13.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Instrument :
BNA_F
ClientSampleId :
PB121133BL

Tgt Ion:264 Resp: 497674

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	21.2	17.8	26.6