Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020419\
Data File : BF112383.D
Acq On : 4 Feb 2019 16:39
Operator : JU/SJ
Sample : K1359-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Time: Feb 04 23:46:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	182324	20.00	ng		-0.02
21) Naphthalene-d8	8.11	136	720316	20.00	ng		-0.02
39) Acenaphthene-d10	9.87	164	340990	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	648053	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	439887	20.00	ng		-0.01
87) Perylene-d12	15.46	264	374063	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	680609	79.29	ng		-0.01
7) Phenol-d6	6.47	99	568642	47.67	ng		-0.02
23) Nitrobenzene-d5	7.39	82	924530	73.96	ng		-0.02
42) 2,4,6-Tribromophenol	10.67	330	461894	116.37	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1795924	74.49	ng		-0.02
79) Terphenyl-d14	12.94	244	1840479	78.80	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.61	77	26106	4.188	ng		82
10) Phenol	6.49	94	47614	3.639	ng		87
15) Benzyl Alcohol	6.97	79	58441	5.812	ng		92
17) 2-Methylphenol	7.09	107	133054	14.535	ng		97
19) n-Nitroso-di-n-propylamine	7.39	70	124922	15.189	ng	#	78
20) 3+4-Methylphenols	7.25	107	709192	60.586	ng	#	59
24) Nitrobenzene	7.25	77	232752	18.642	ng	#	42
25) Isophorone	7.39	82	921713	46.998	ng	#	63
32) Benzoic acid	7.93	122	17344	3.308	ng		93
38) 1-Methylnaphthalene	8.92	142	191913	8.683	ng		99
57) 2,4-Dinitrotoluene	9.87	165	44444	5.884	ng	#	32
67) 4-Bromophenyl-phenylether	10.66	248	28387	3.724	ng	#	1
77) Benzidine	12.94	184	25143	2.077	ng	#	92

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
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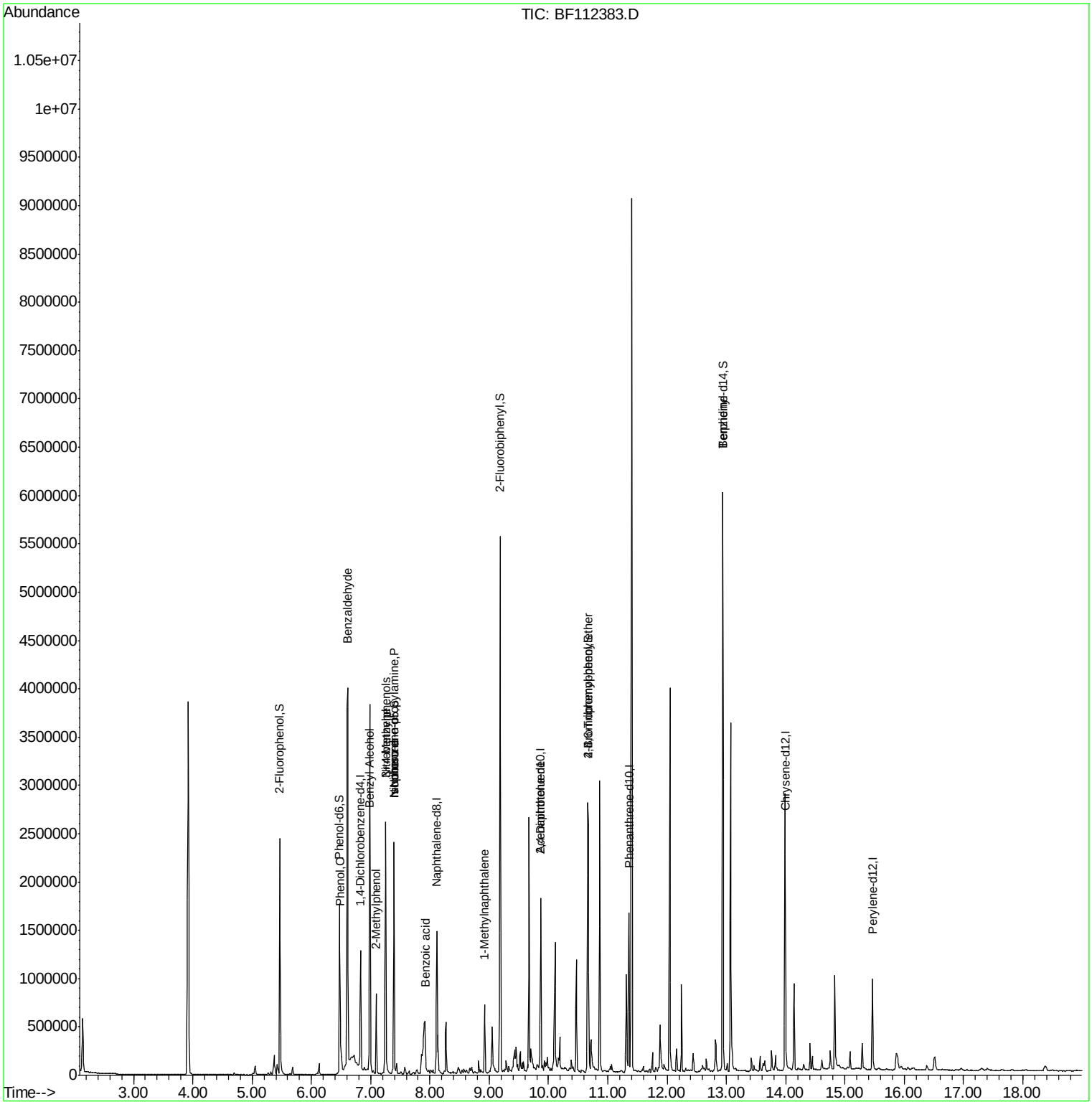
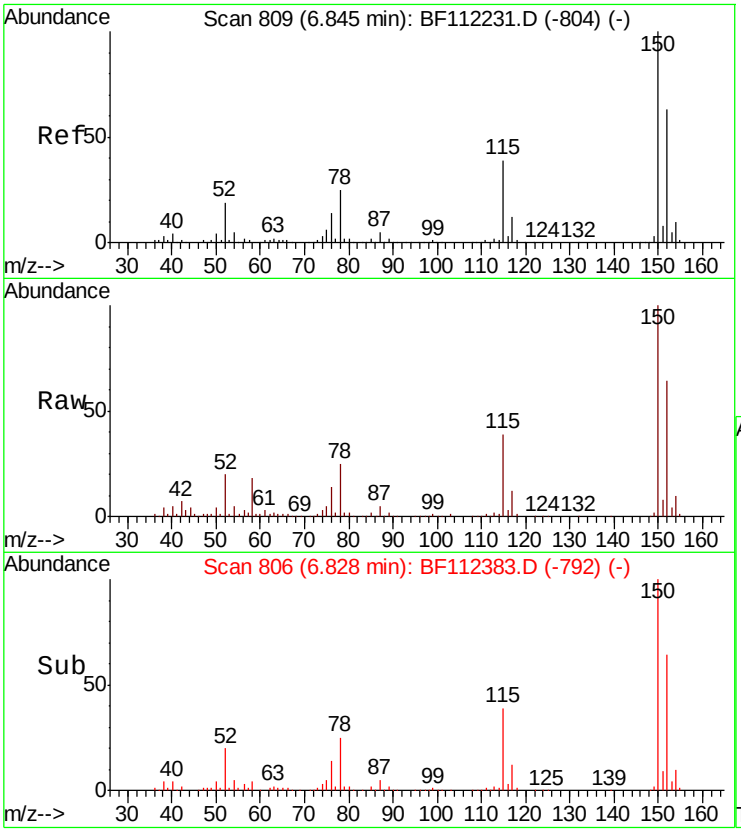


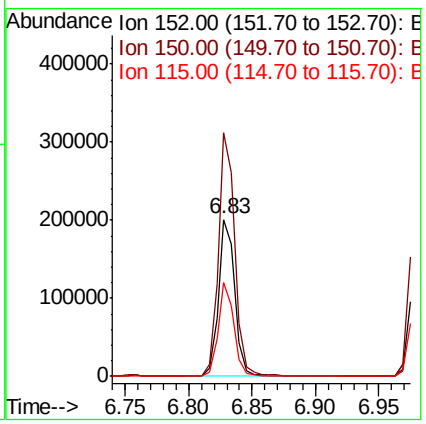


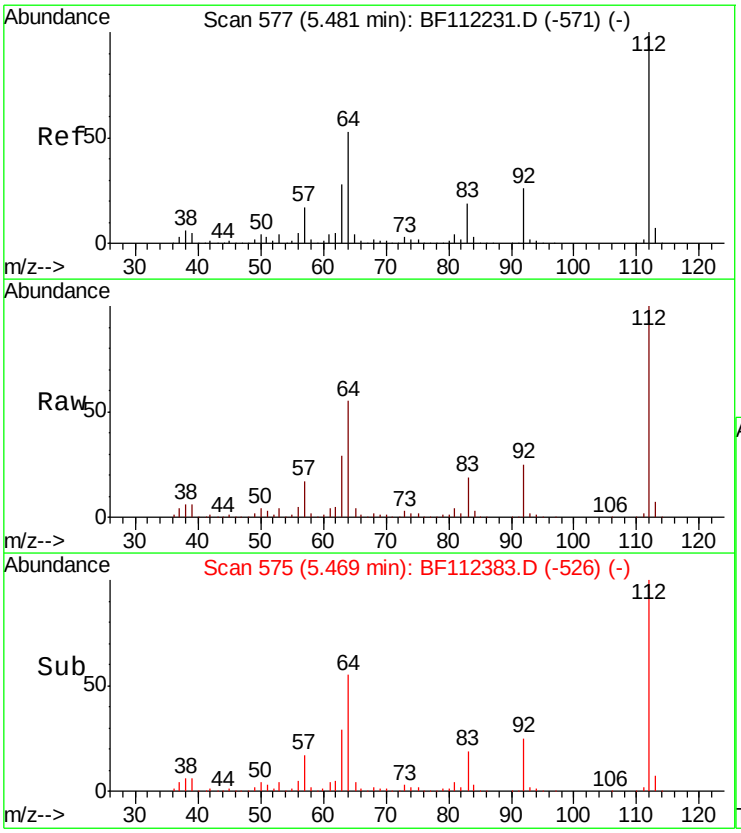
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:152 Resp: 182324

Ion	Ratio	Lower	Upper
152	100		
150	155.3	127.4	191.0
115	60.2	45.5	68.3

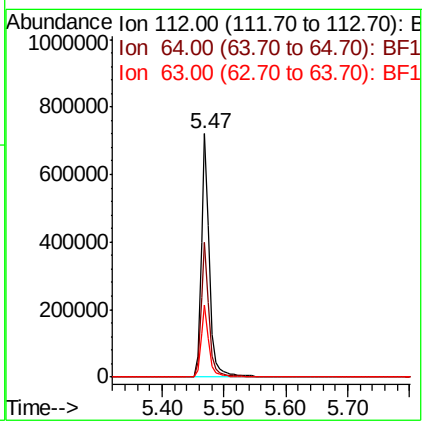


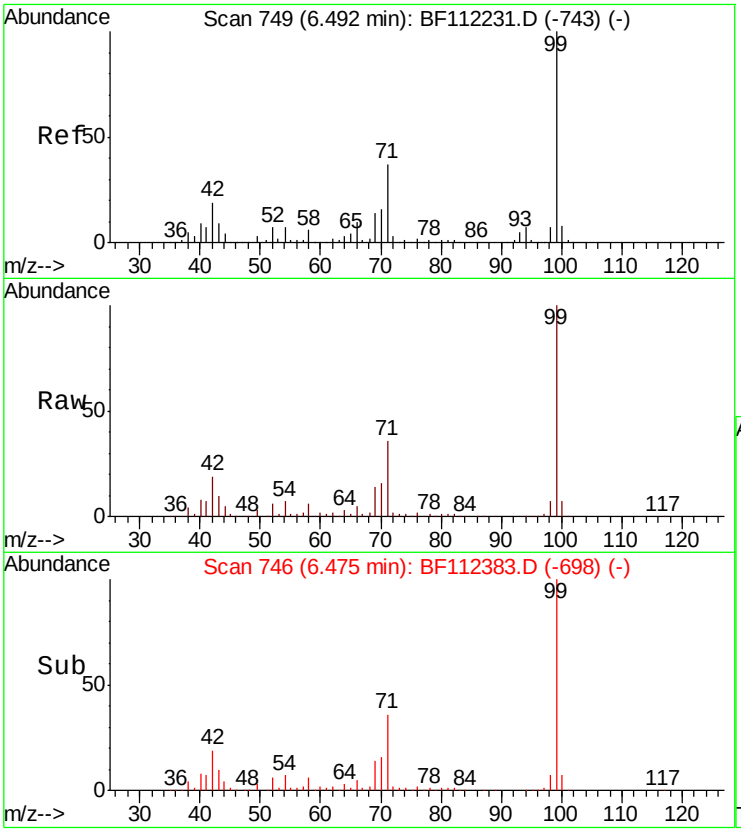


#5
2-Fluorophenol
Concen: 79.291 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Tgt Ion:112 Resp: 680609

Ion	Ratio	Lower	Upper
112	100		
64	55.1	45.7	68.5
63	29.5	23.6	35.4



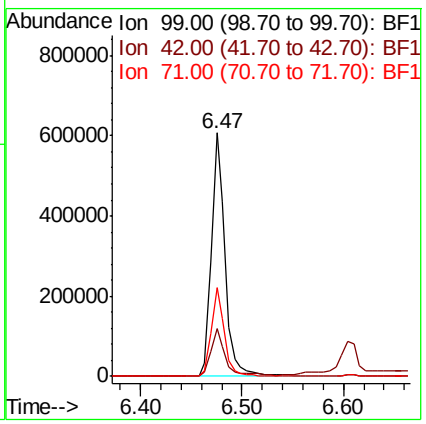


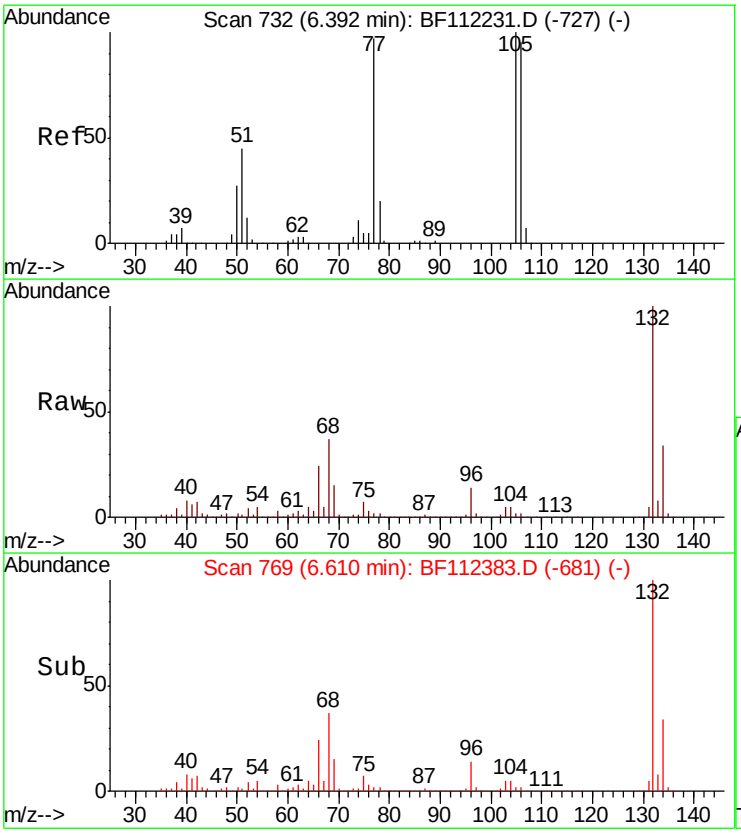
#7
Phenol-d6
Concen: 47.675 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion: 99 Resp: 568642

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.1	22.7
71	36.5	26.9	40.3

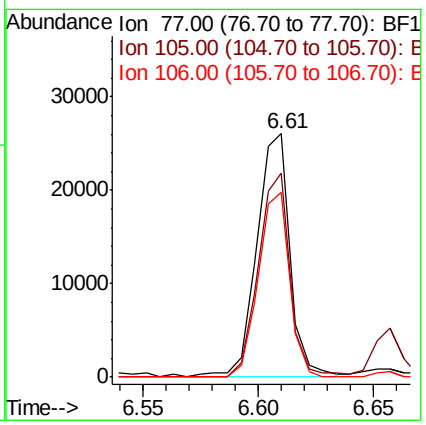


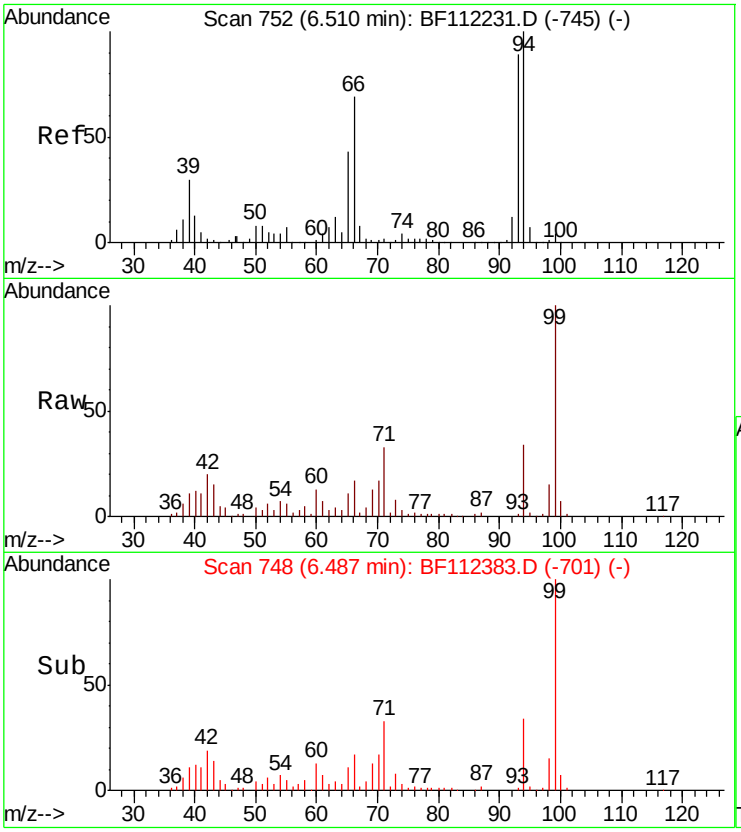


#9
Benzaldehyde
Concen: 4.188 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.22 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Tgt Ion: 77 Resp: 26106

Ion	Ratio	Lower	Upper
77	100		
105	83.9	80.8	120.8
106	75.9	75.7	115.7



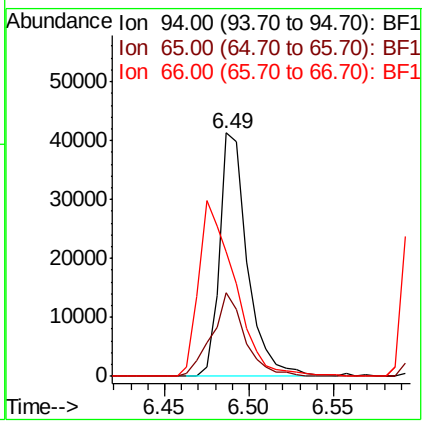


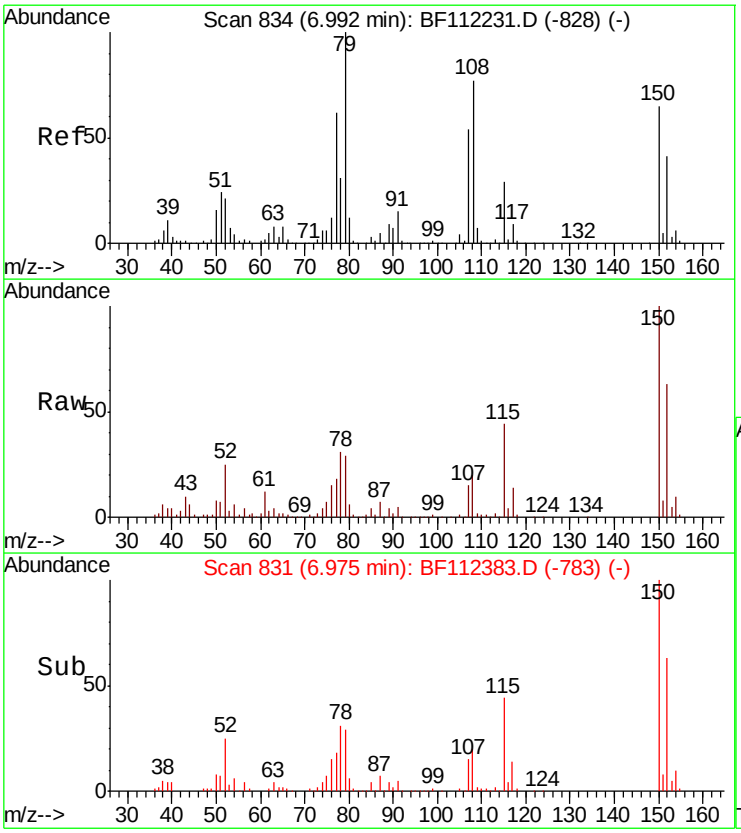
#10
Phenol
Concen: 3.639 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion: 94 Resp: 47614

Ion	Ratio	Lower	Upper
94	100		
65	34.1	20.3	60.3
66	51.2	42.4	82.4

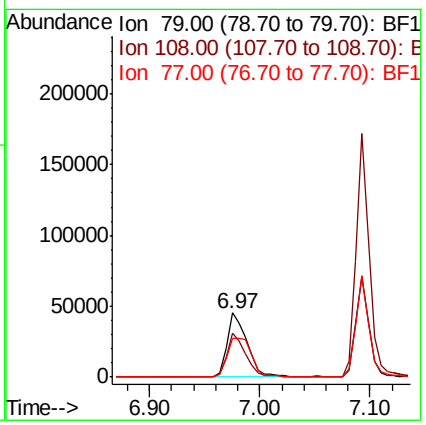


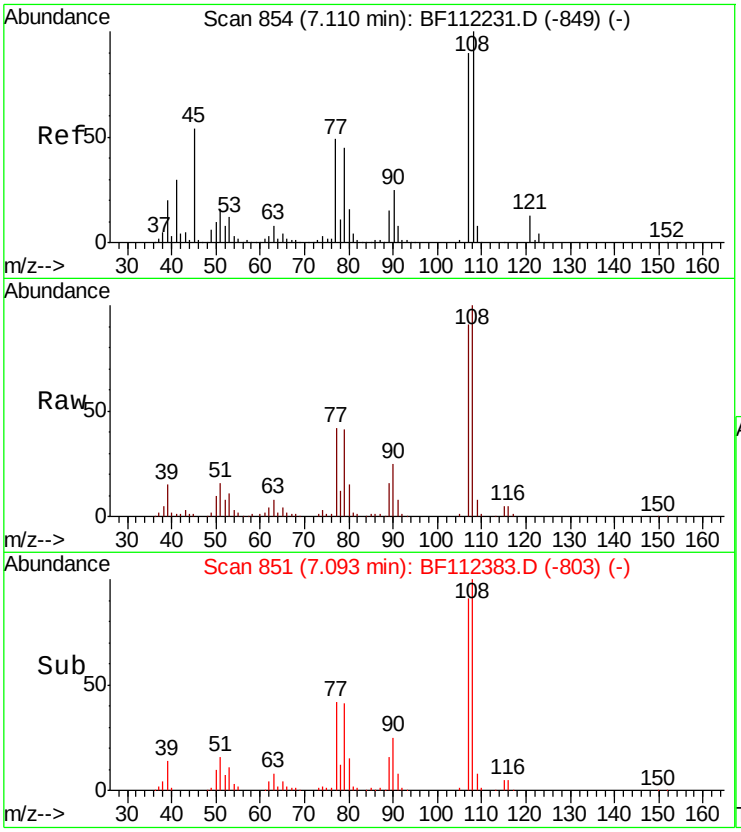


#15
Benzyl Alcohol
Concen: 5.812 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Tgt Ion: 79 Resp: 58441

Ion	Ratio	Lower	Upper
79	100		
108	69.5	64.2	96.2
77	61.4	50.3	75.5



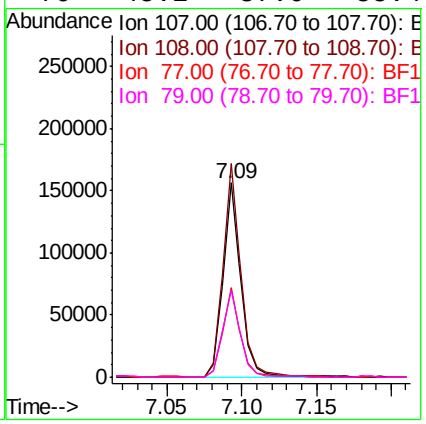


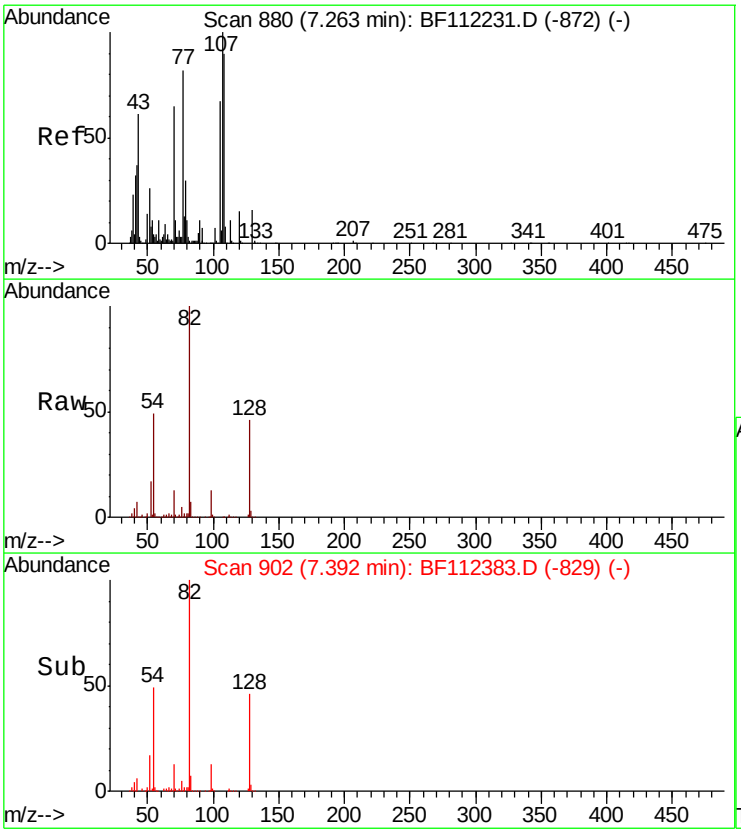
#17
2-Methylphenol
Concen: 14.535 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:107 Resp: 133054

Ion	Ratio	Lower	Upper
107	100		
108	110.1	91.3	136.9
77	46.1	39.0	58.6
79	45.2	37.0	55.4

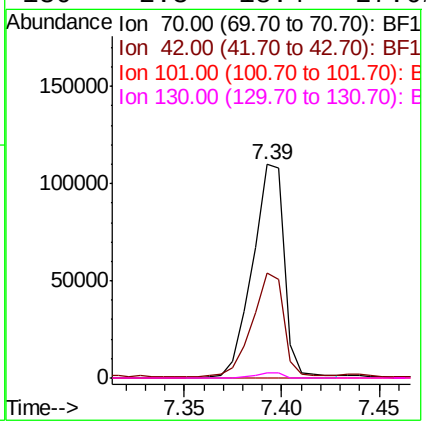


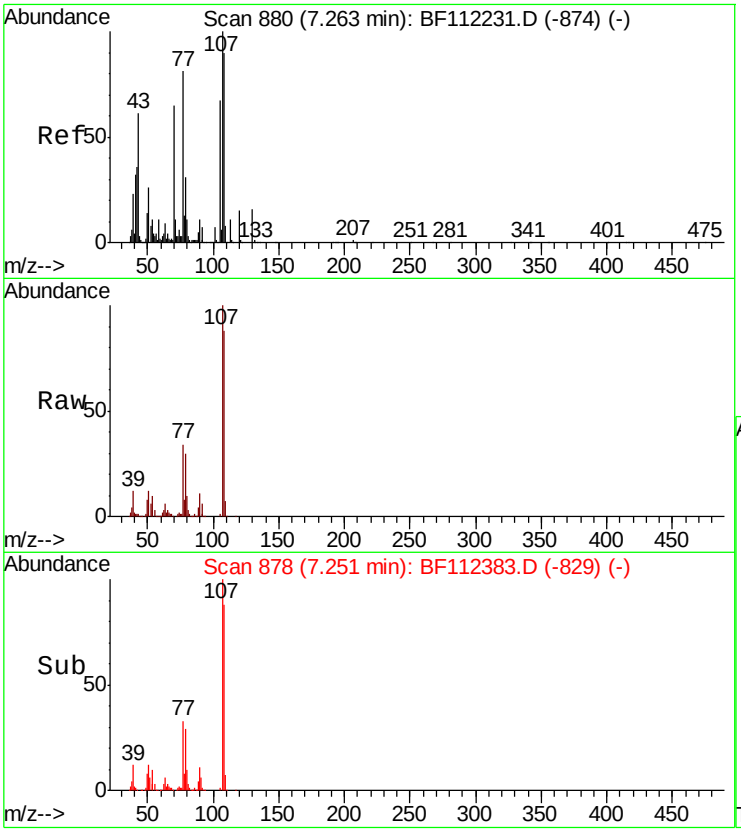


#19
n-Nitroso-di-n-propylamine
Concen: 15.189 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Tgt Ion: 70 Resp: 124922

Ion	Ratio	Lower	Upper
70	100		
42	49.4	47.6	71.4
101	0.0	7.9	11.9#
130	2.3	18.4	27.6#



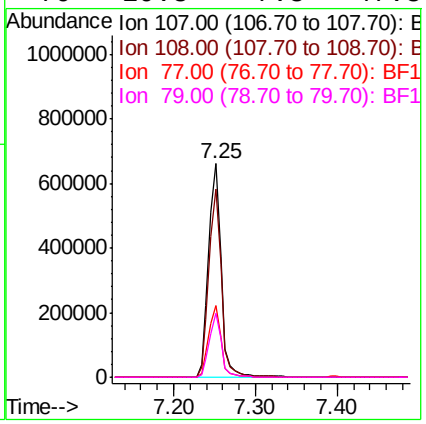


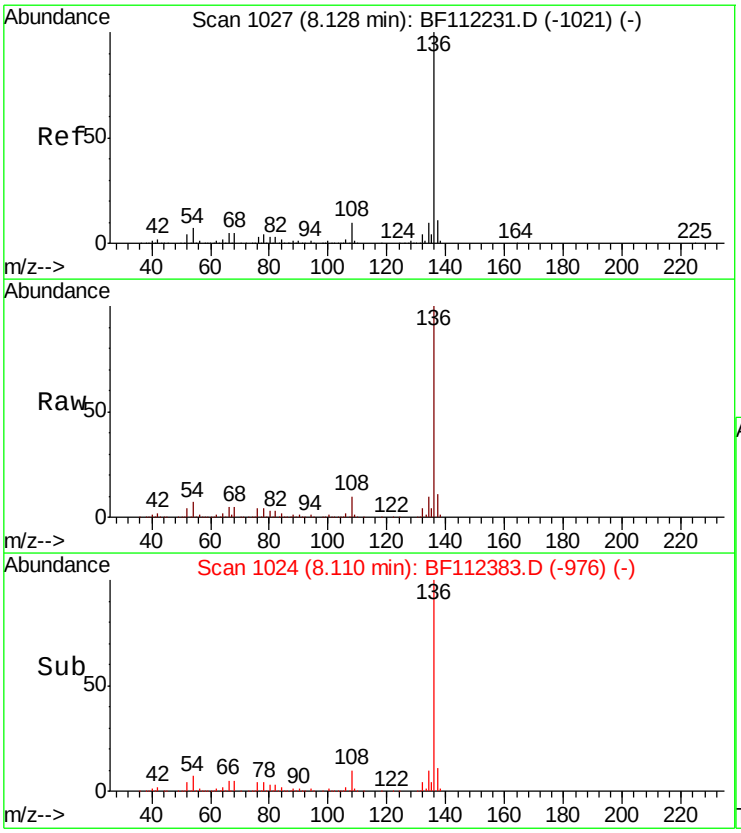
#20
3+4-Methylphenols
Concen: 60.586 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:107 Resp: 709192

Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.2	108.2
77	33.6	100.7	140.7#
79	29.8	7.3	47.3

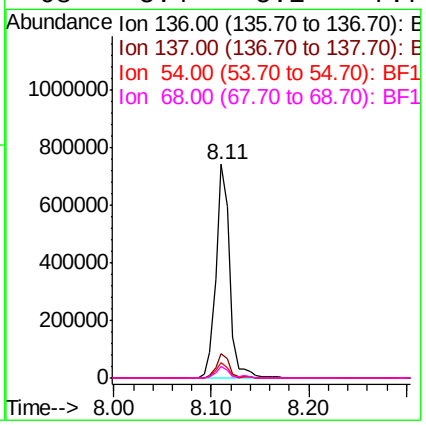


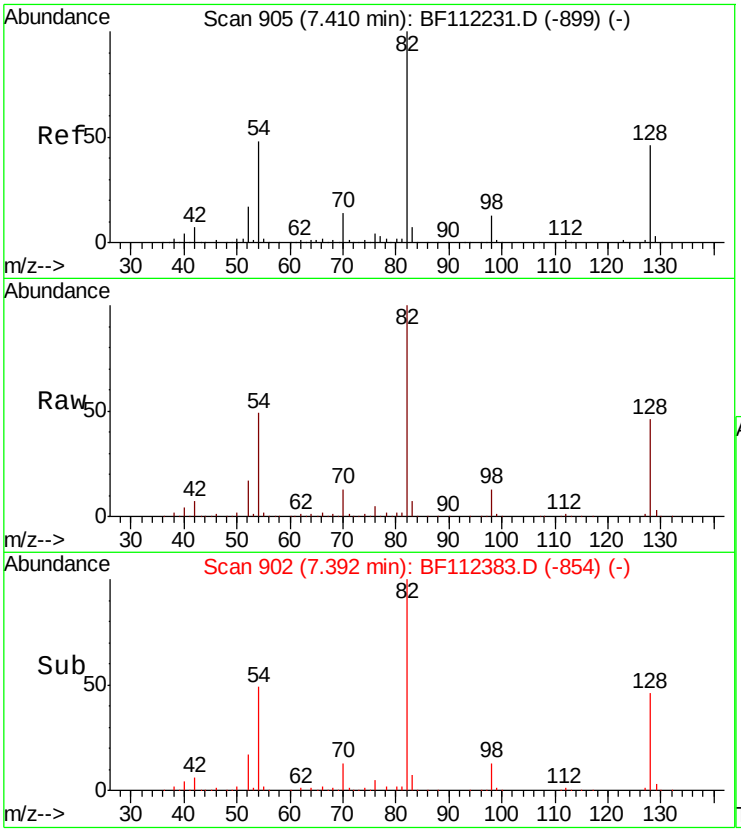


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Tgt Ion:136 Resp: 720316

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.0	5.9	8.9
68	5.4	5.1	7.7



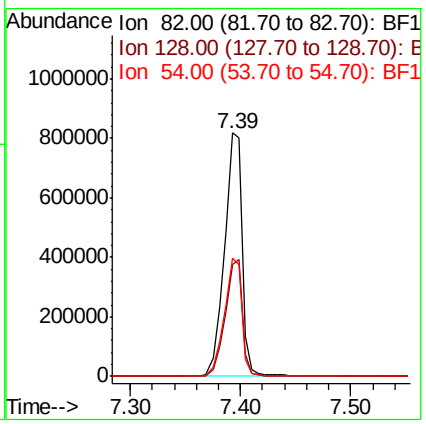


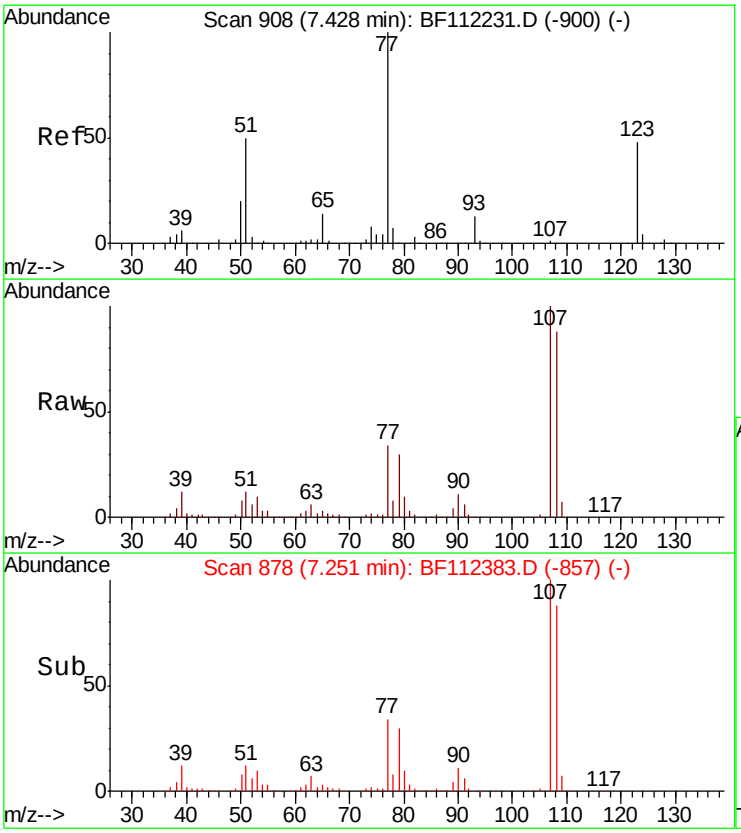
#23
Nitrobenzene-d5
Concen: 73.955 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion: 82 Resp: 924530

Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.8	56.8
54	48.7	39.7	59.5

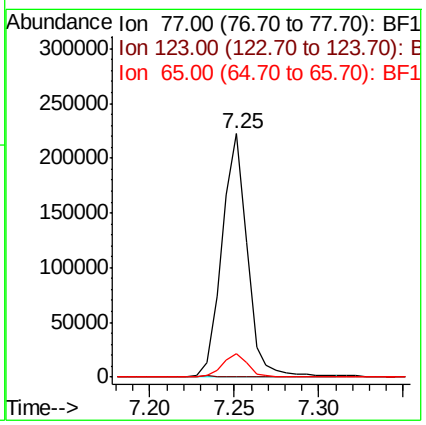


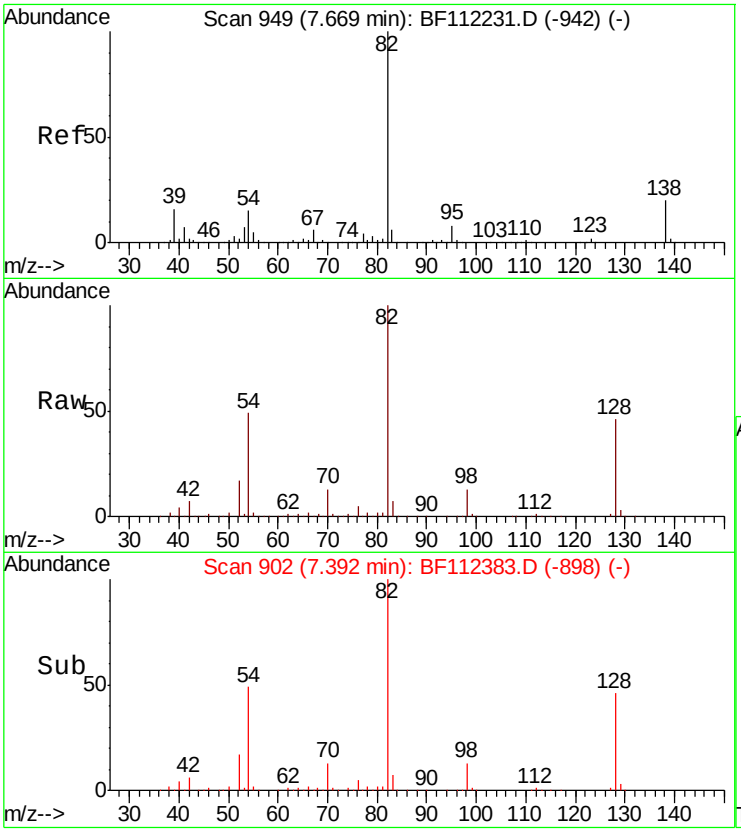


#24
Nitrobenzene
Concen: 18.642 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.18 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Tgt Ion: 77 Resp: 232752

Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.4	57.6#
65	9.7	10.6	15.8#



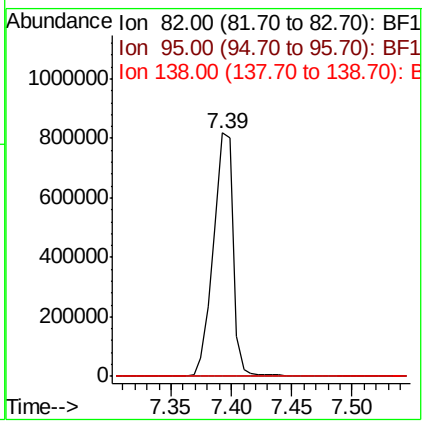


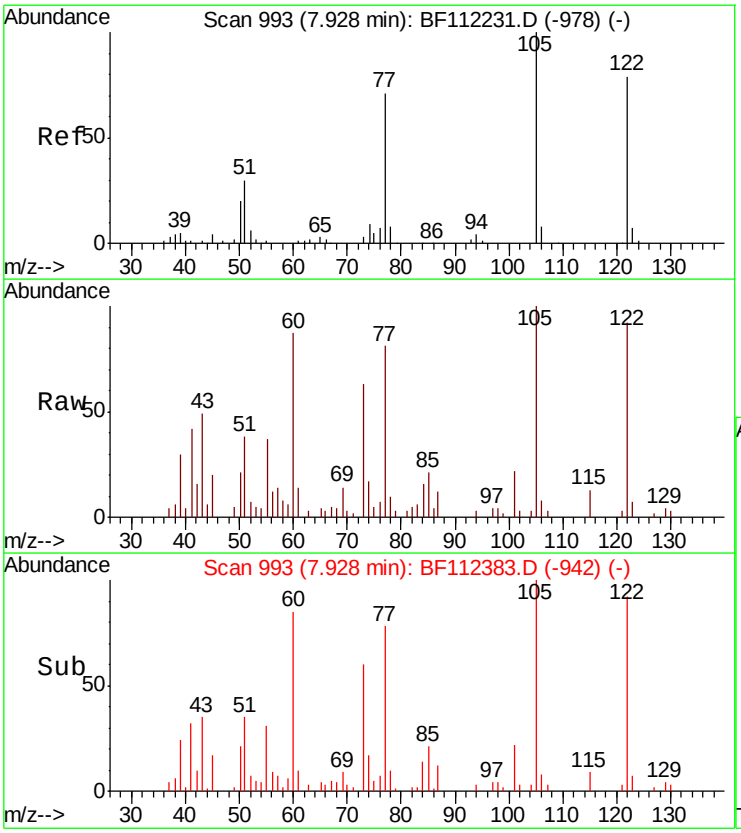
#25
Isophorone
Concen: 46.998 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion: 82 Resp: 921713

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#

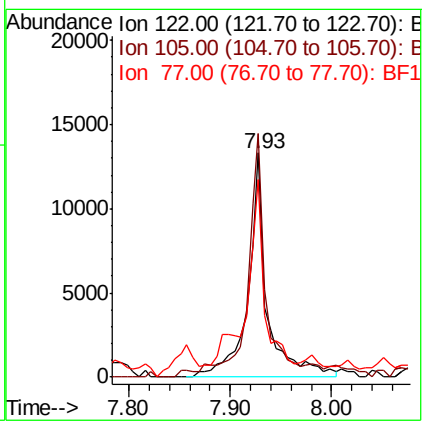


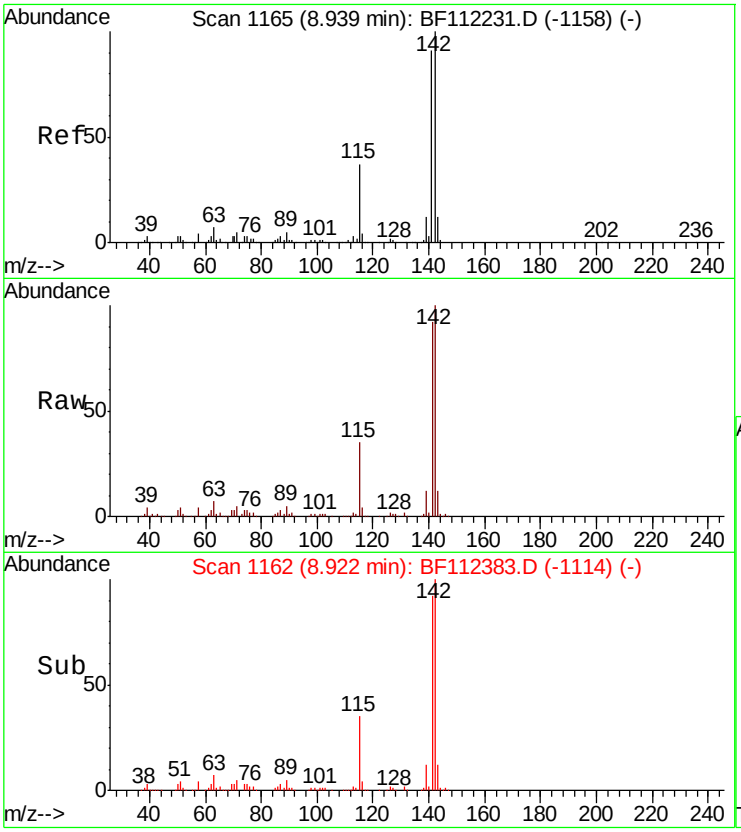


#32
Benzoic acid
Concen: 3.308 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Tgt Ion:122 Resp: 17344

Ion	Ratio	Lower	Upper
122	100		
105	108.7	101.2	141.2
77	88.1	70.4	110.4



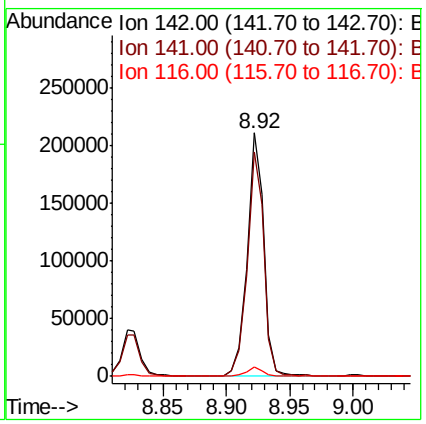


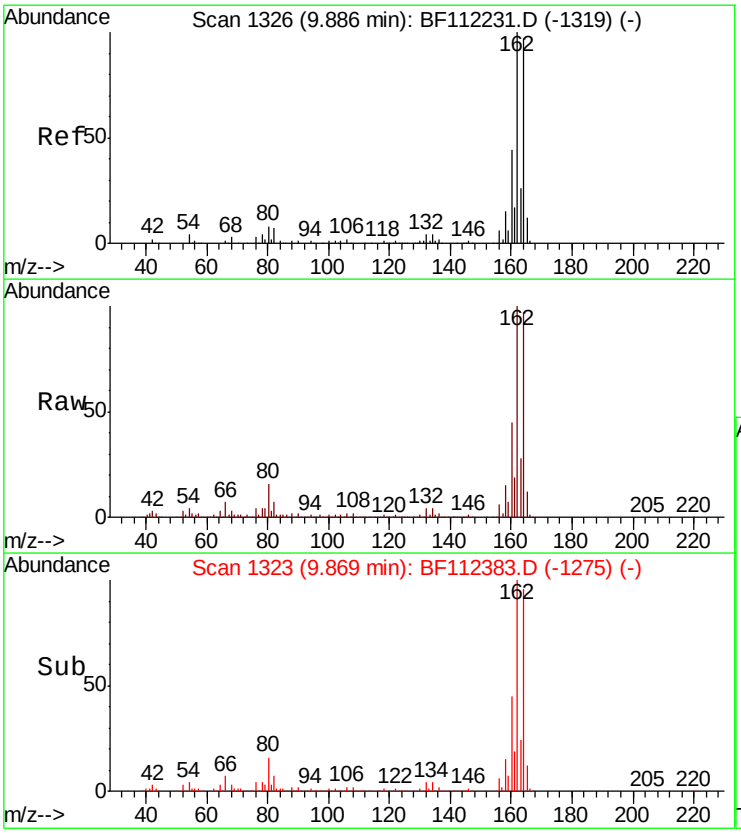
#38
1-Methylnaphthalene
Concen: 8.683 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:142 Resp: 191913

Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.6	108.8
116	4.0	2.8	4.2

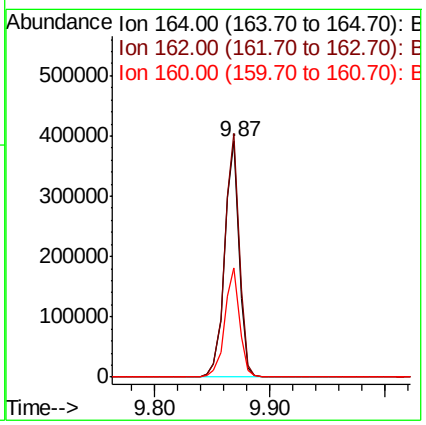


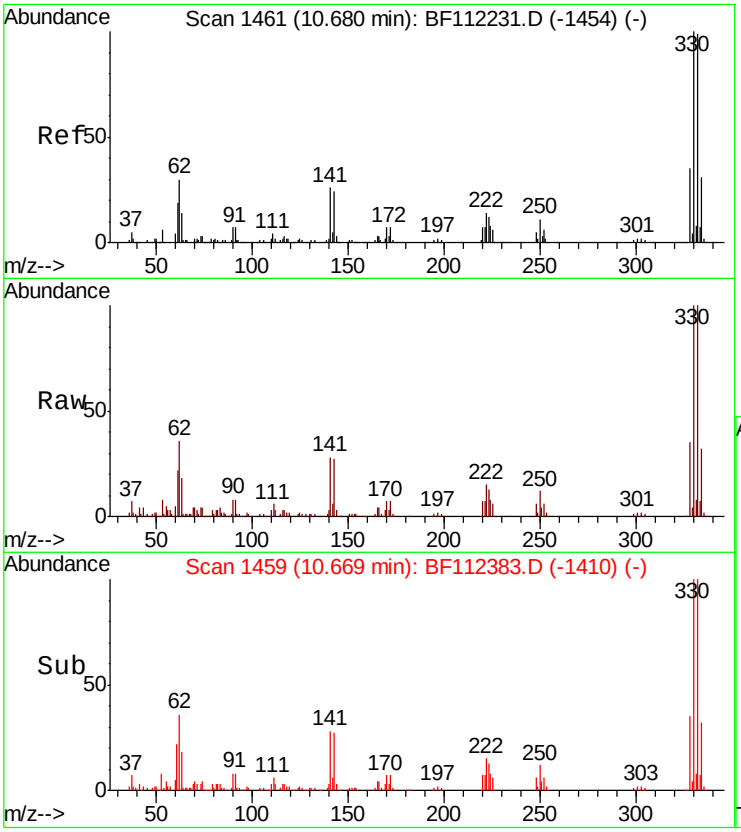


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Tgt Ion:164 Resp: 340990

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.2	123.4
160	46.3	36.2	54.4



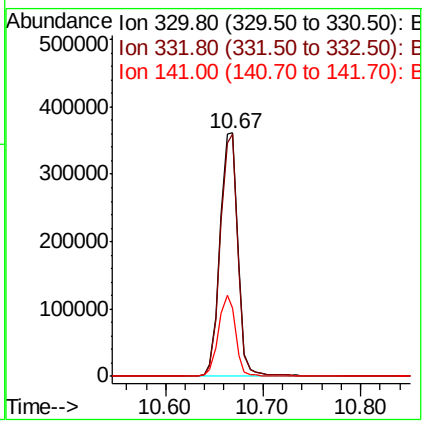


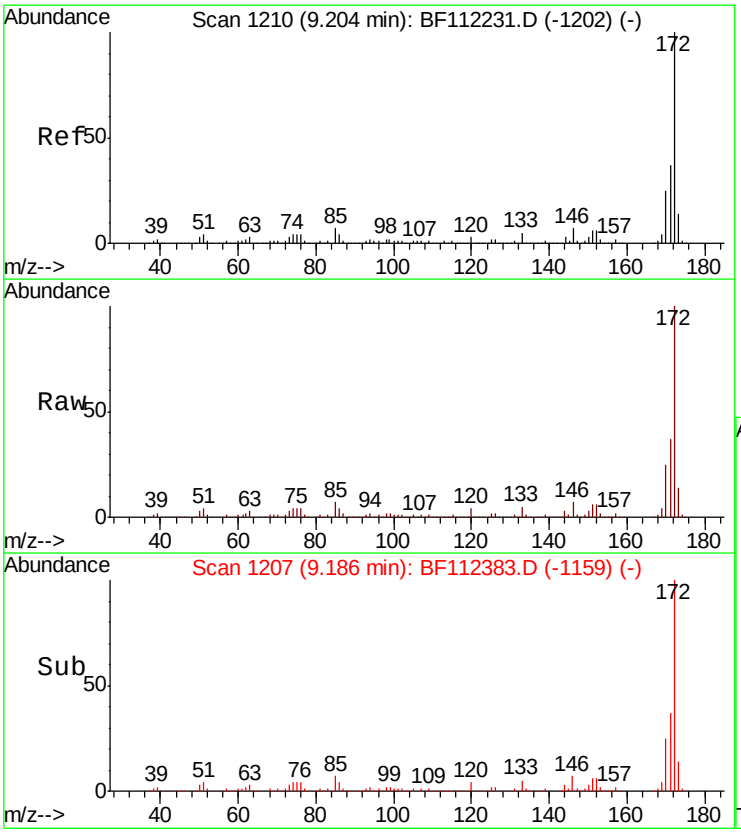
#42
2,4,6-Tribromophenol
Concen: 116.375 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:330 Resp: 461894

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	31.9	24.3	36.5

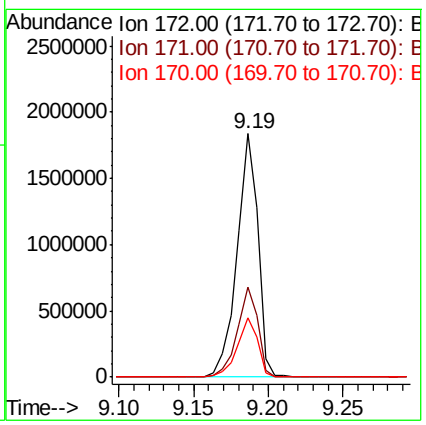


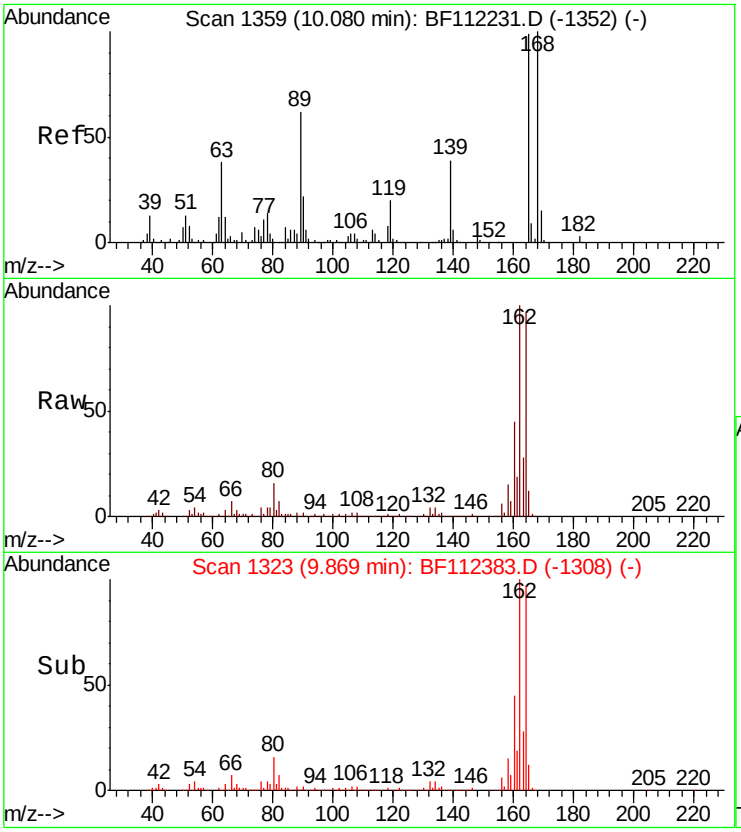


#45
2-Fluorobiphenyl
Concen: 74.490 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Tgt Ion:172 Resp: 1795924

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	24.6	20.2	30.4



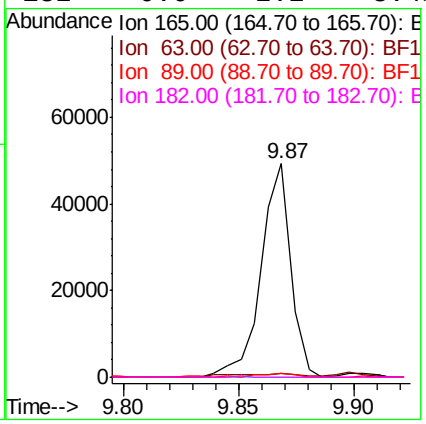


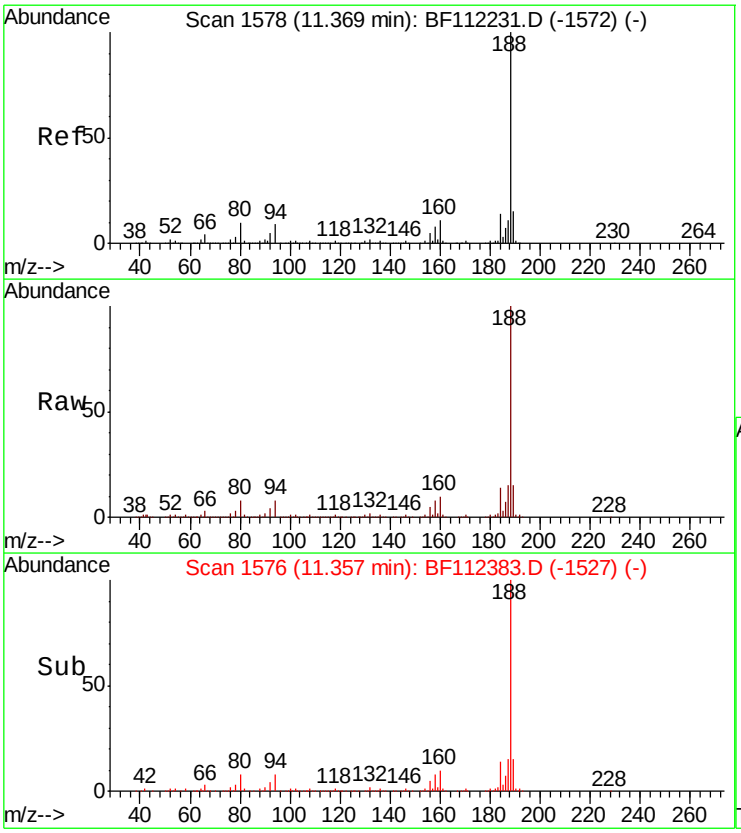
#57
2,4-Dinitrotoluene
Concen: 5.884 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:165 Resp: 44444

Ion	Ratio	Lower	Upper
165	100		
63	1.6	27.9	41.9#
89	1.9	47.9	71.9#
182	0.0	2.2	3.4#

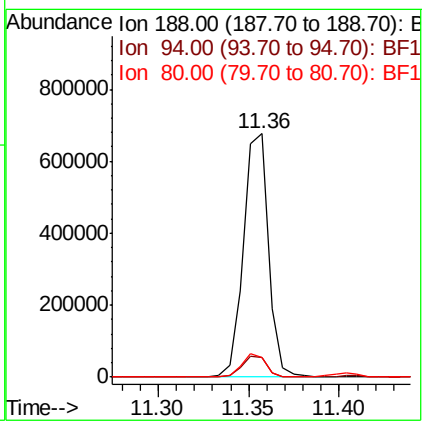


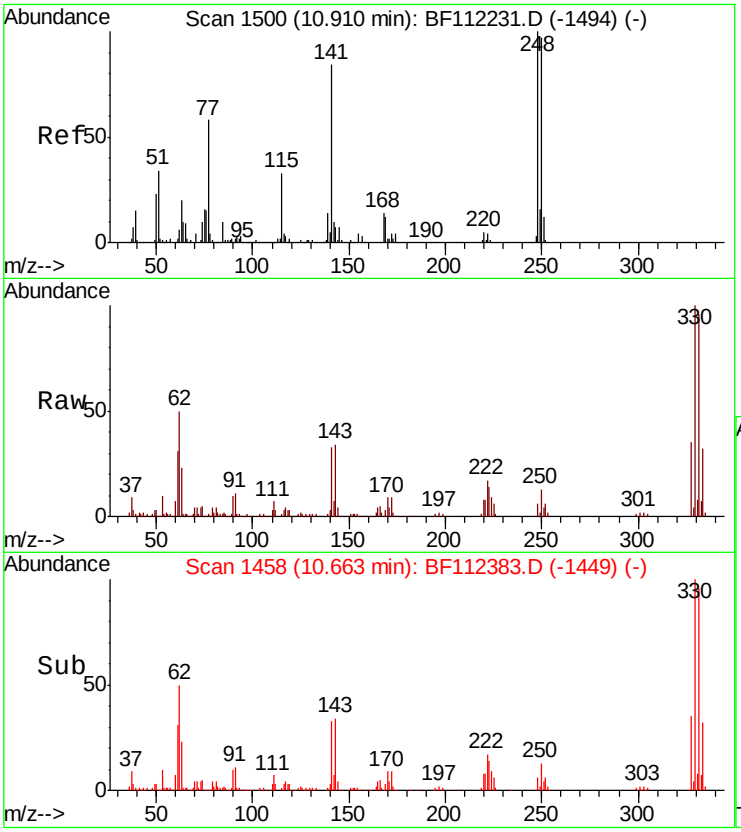


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Tgt Ion:188 Resp: 648053

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.0	8.9	13.3#



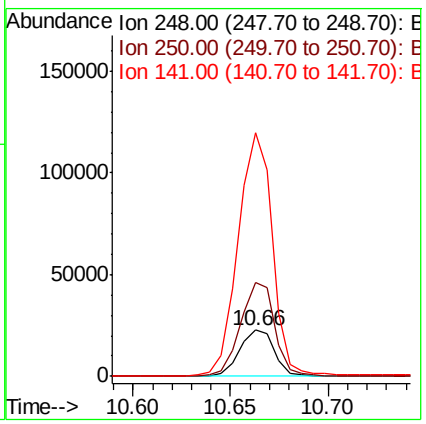


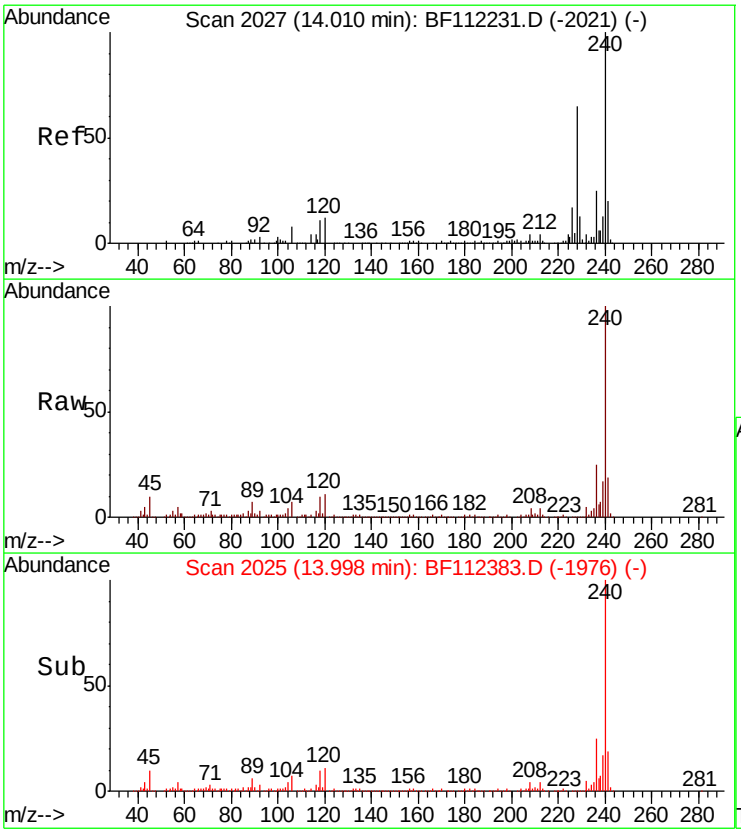
#67
4-Bromophenyl-phenylether
Concen: 3.724 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:248 Resp: 28387

Ion	Ratio	Lower	Upper
248	100		
250	202.4	79.7	119.5#
141	525.1	60.3	90.5#

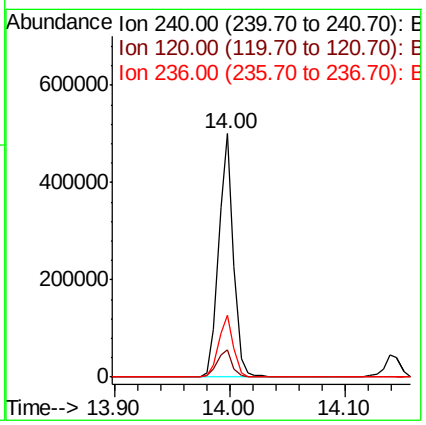


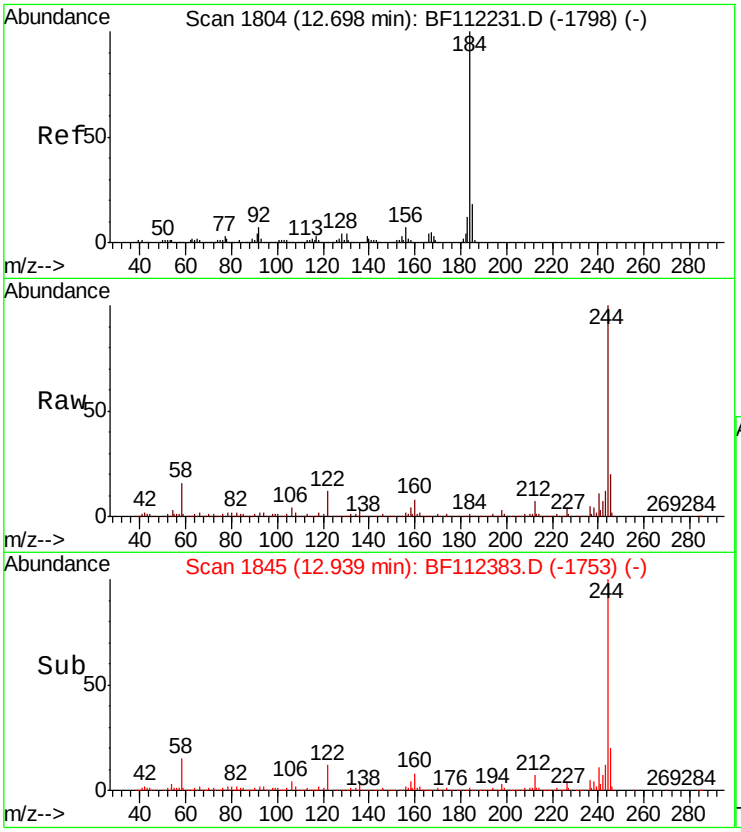


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Tgt Ion:240 Resp: 439887

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.0	13.6
236	25.5	20.7	31.1



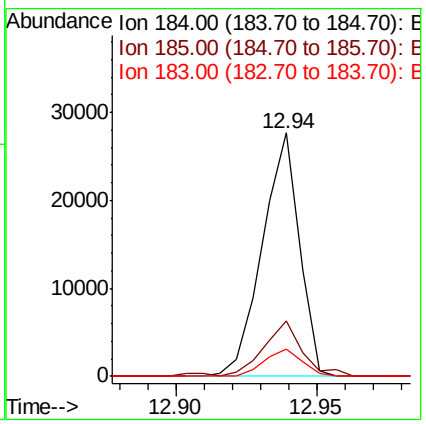


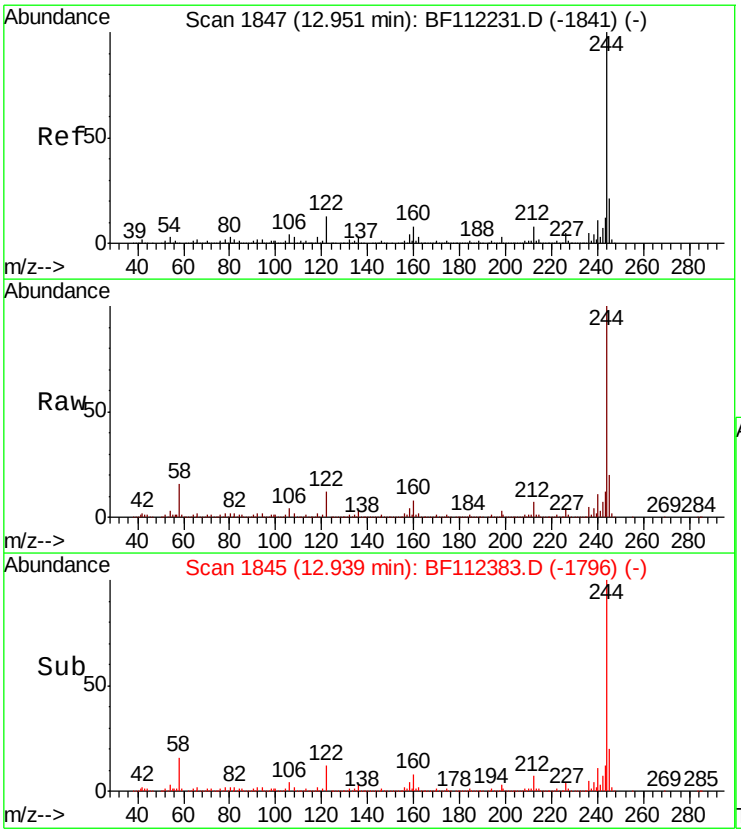
#77
Benzidine
Concen: 2.077 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.24 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:184 Resp: 25143

Ion	Ratio	Lower	Upper
184	100		
185	22.5	13.9	20.9#
183	11.3	10.0	15.0

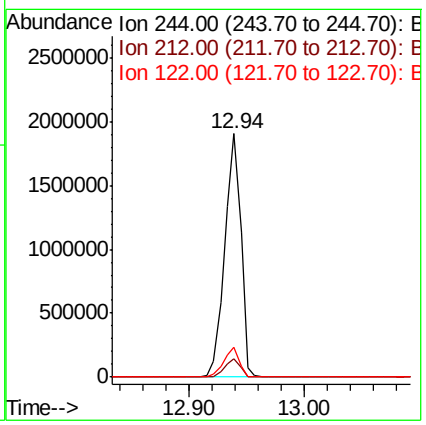


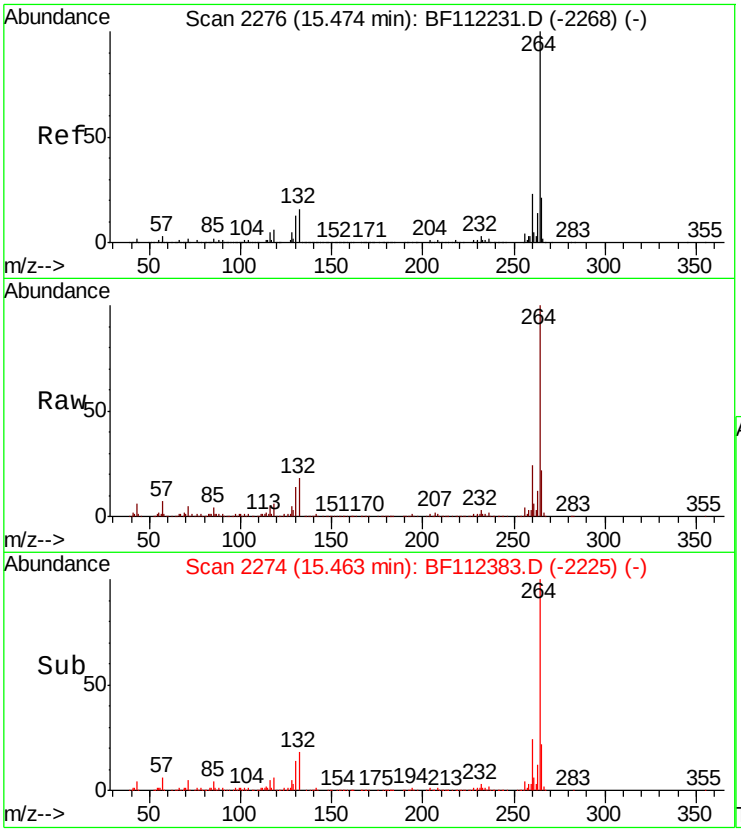


#79
Terphenyl-d14
Concen: 78.803 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Tgt Ion:244 Resp: 1840479

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	12.2	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:264 Resp: 374063

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	21.8	17.0	25.4