Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
Data File : BF112707.D
Acq On : 25 Feb 2019 22:24
Operator : JU/SJ
Sample : K1596-06RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-15RE

Quant Time: Feb 26 00:09:08 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	6.82	152	28467	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	110935	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	55530	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	104557	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	77679	20.00	ng	-0.02
87) Perylene-d12	15.46	264	60797	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	223405	166.69	ng	-0.02
7) Phenol-d6	6.49	99	255747	137.33	ng	0.00
23) Nitrobenzene-d5	7.38	82	200372	104.07	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	90230	139.60	ng	-0.04
45) 2-Fluorobiphenyl	9.16	172	415305	105.78	ng	-0.04
79) Terphenyl-d14	12.91	244	449166	108.91	ng	-0.04
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	7213	7.410	ng	# 72
15) Benzyl Alcohol	6.97	79	3144	2.003	ng	# 42
19) n-Nitroso-di-n-propylamine	7.38	70	26017	20.260	ng	# 76
25) Isophorone	7.38	82	200372	66.340	ng	# 63
51) 2,6-Dinitrotoluene	9.85	165	7045	7.291	ng	# 32
57) 2,4-Dinitrotoluene	9.85	165	7045	5.727	ng	# 30
67) 4-Bromophenyl-phenylether	10.65	248	5242	4.263	ng	# 1
77) Benzidine	12.91	184	6427	3.006	ng	# 95

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

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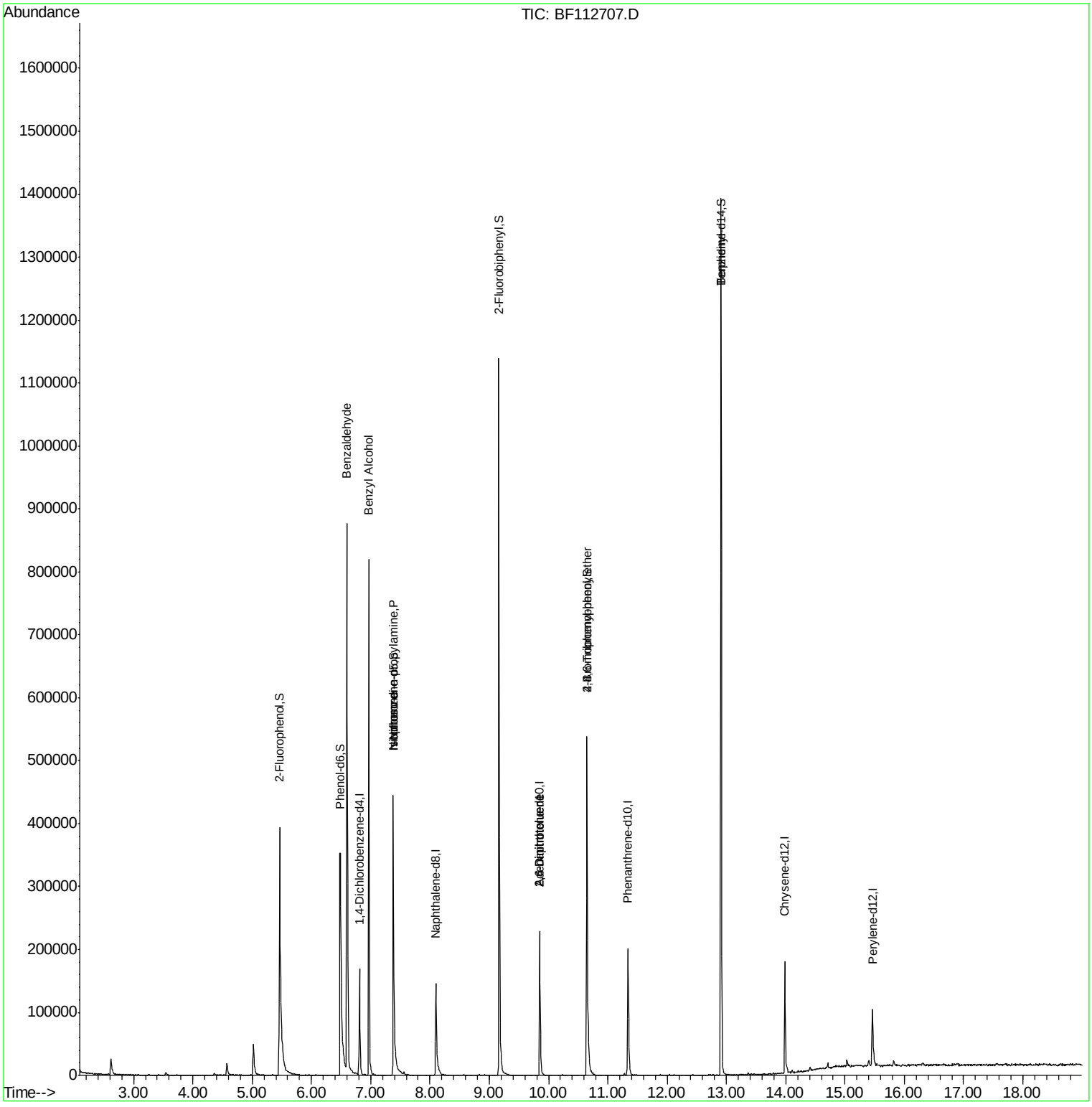
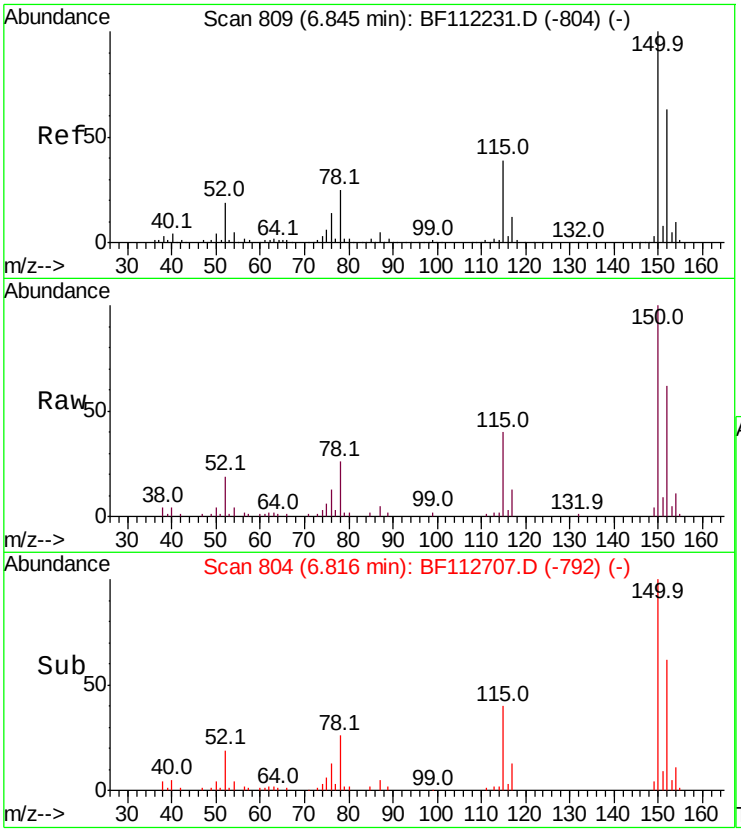
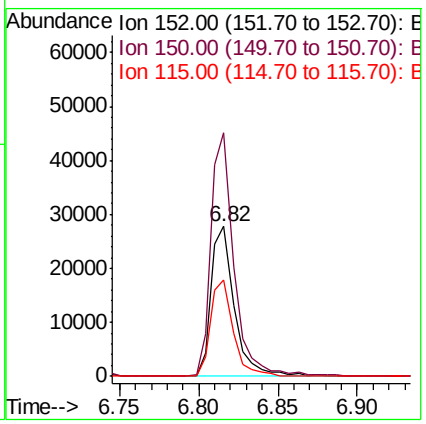




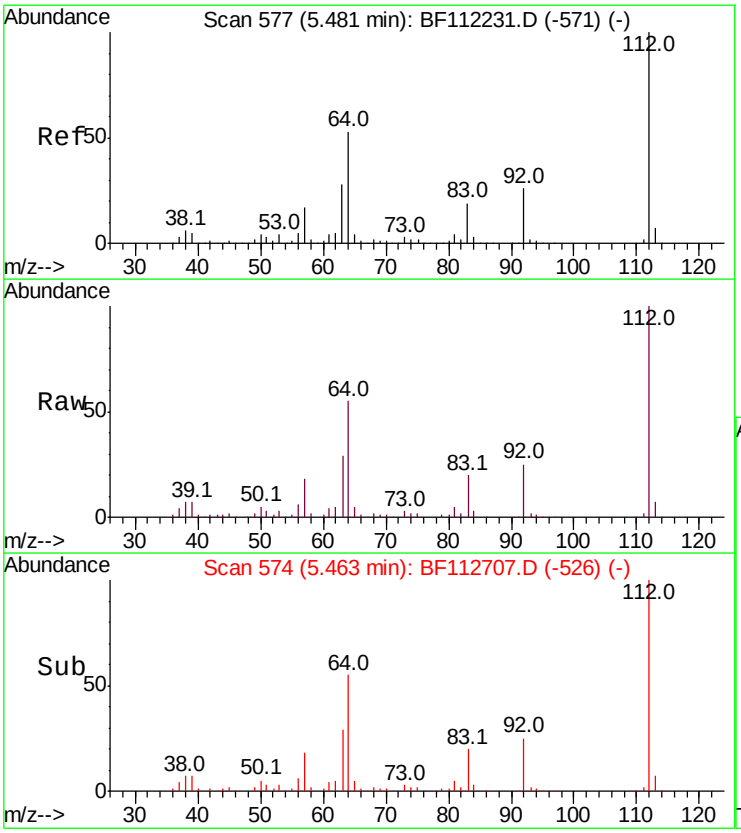
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112707.D
Acq: 25 Feb 2019 22:24

Tgt Ion:152 Resp: 28467

Ion	Ratio	Lower	Upper
152	100		
150	162.6	127.4	191.0
115	64.8	45.5	68.3



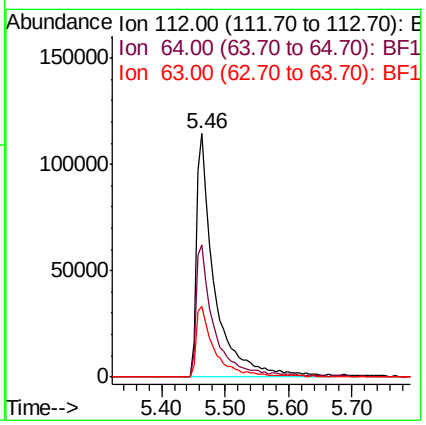
Instrument :
BNA_F
ClientSampleId :
COMP-15RE

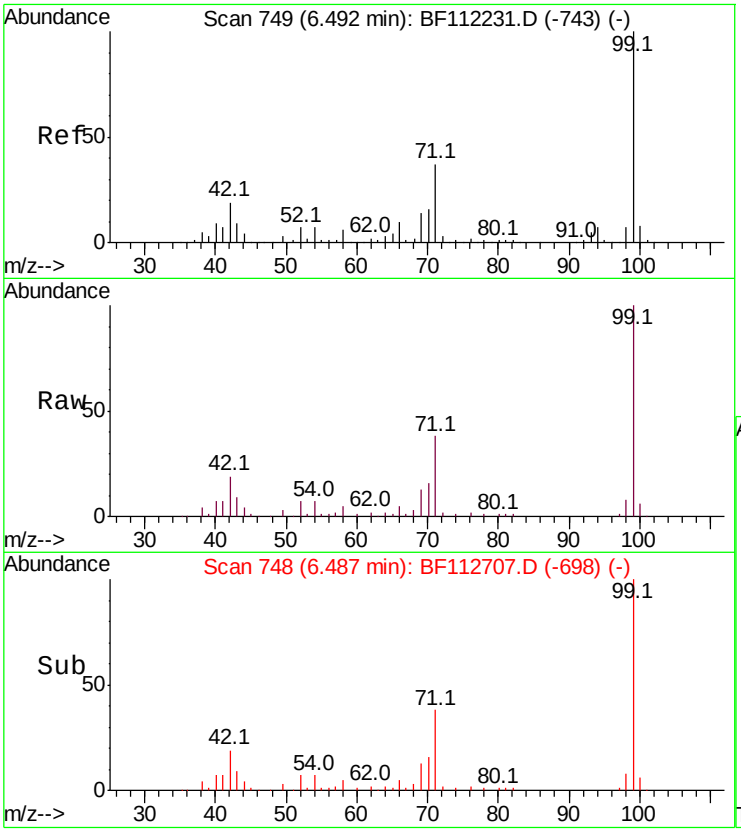


#5
2-Fluorophenol
Concen: 166.694 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112707.D
Acq: 25 Feb 2019 22:24

Tgt Ion:112 Resp: 223405

Ion	Ratio	Lower	Upper
112	100		
64	54.5	45.7	68.5
63	29.0	23.6	35.4



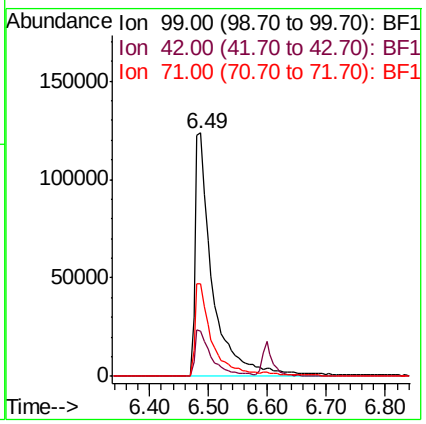


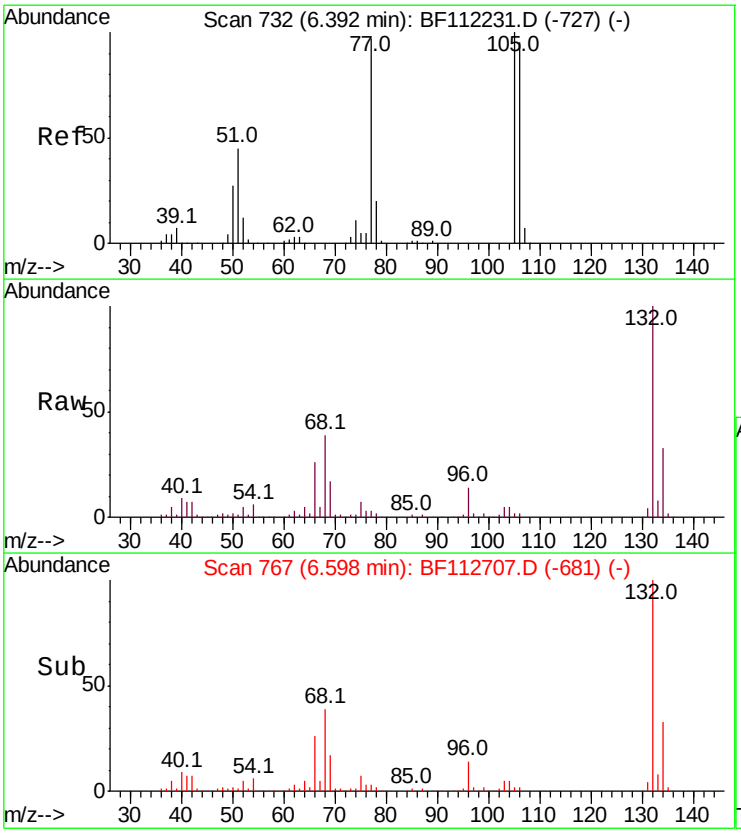
#7
Phenol-d6
Concen: 137.329 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112707.D
Acq: 25 Feb 2019 22:24

Instrument :
BNA_F
ClientSampleId :
COMP-15RE

Tgt Ion: 99 Resp: 255747

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.1	22.7
71	38.0	26.9	40.3

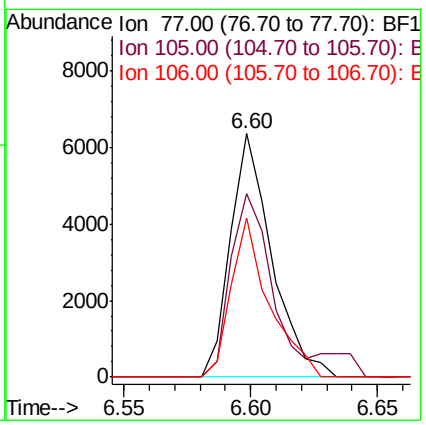


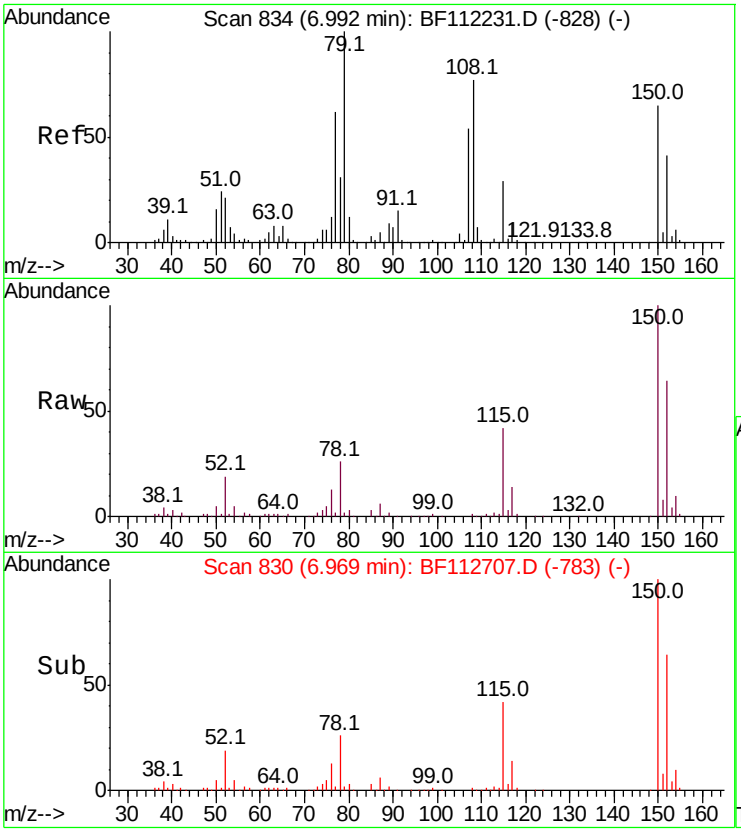


#9
Benzaldehyde
Concen: 7.410 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.21 min
Lab File: BF112707.D
Acq: 25 Feb 2019 22:24

Tgt Ion: 77 Resp: 7213

Ion	Ratio	Lower	Upper
77	100		
105	75.4	80.8	120.8#
106	65.3	75.7	115.7#



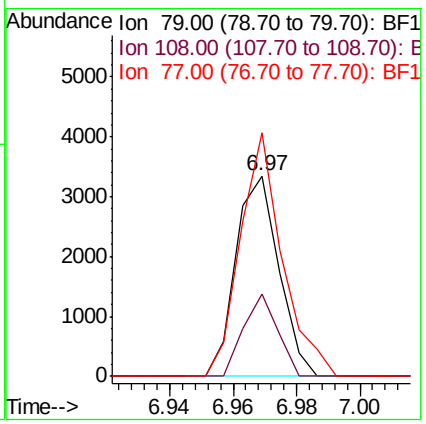


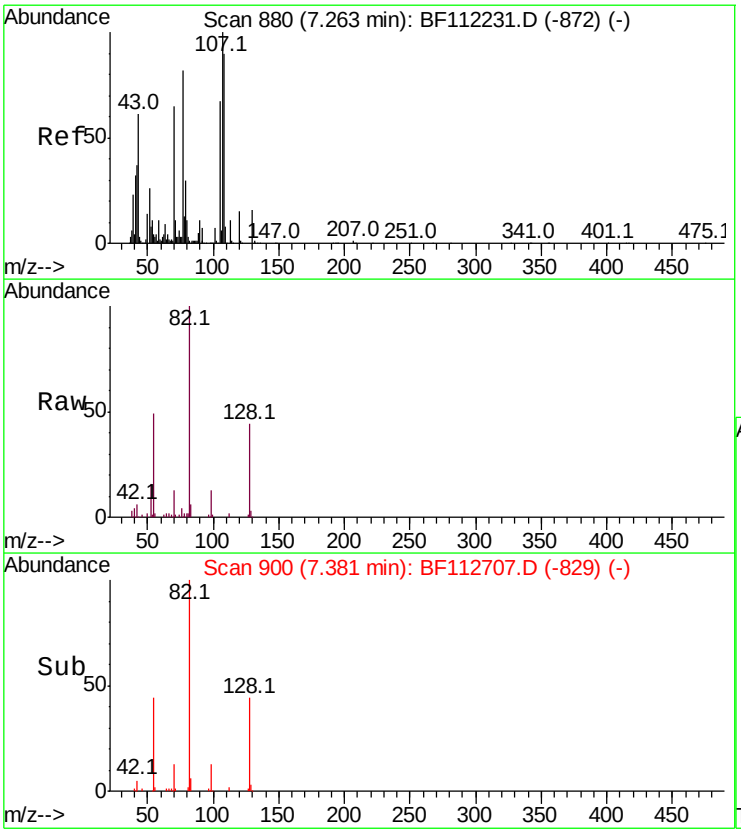
#15
Benzyl Alcohol
Concen: 2.003 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF112707.D
Acq: 25 Feb 2019 22:24

Instrument :
BNA_F
ClientSampleId :
COMP-15RE

Tgt Ion: 79 Resp: 3144

Ion	Ratio	Lower	Upper
79	100		
108	41.3	64.2	96.2#
77	121.5	50.3	75.5#

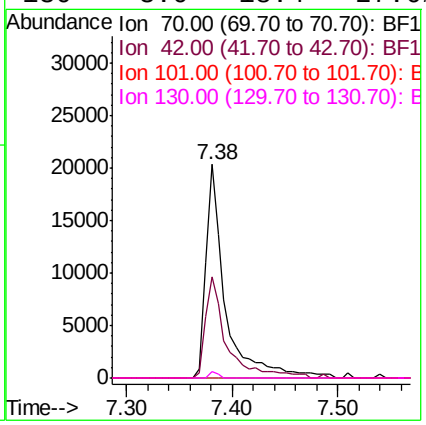


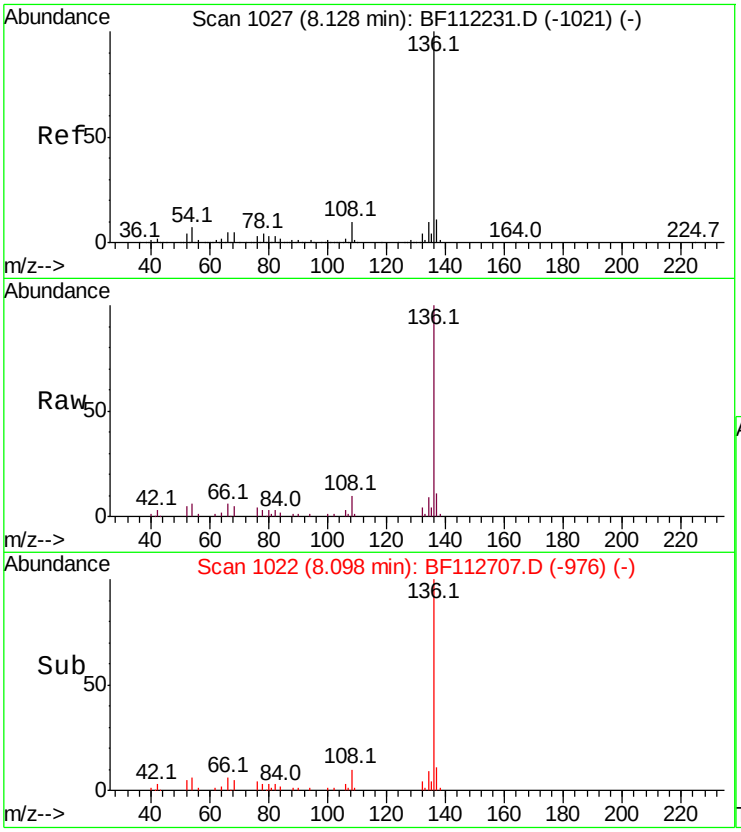


#19
n-Nitroso-di-n-propylamine
Concen: 20.260 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.12 min
Lab File: BF112707.D
Acq: 25 Feb 2019 22:24

Tgt Ion: 70 Resp: 26017

Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.6	71.4#
101	0.0	7.9	11.9#
130	3.0	18.4	27.6#



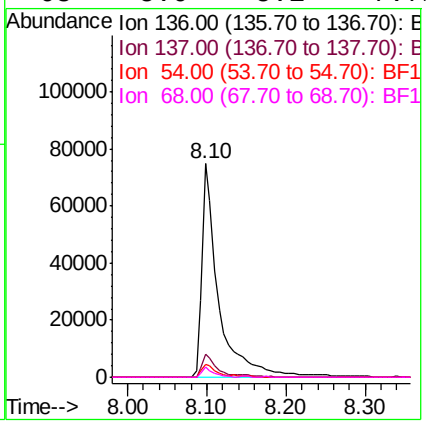


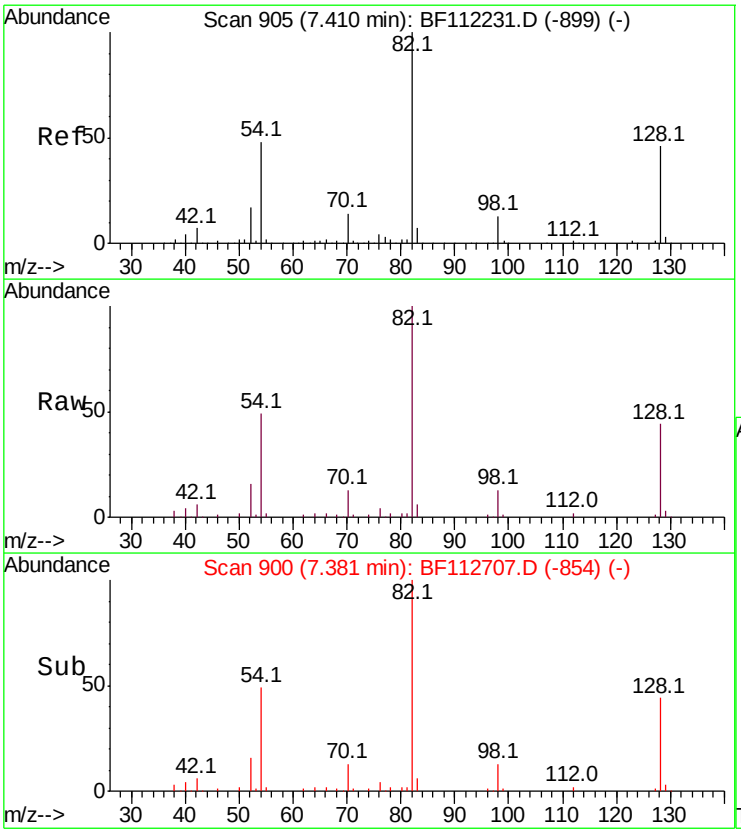
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF112707.D
Acq: 25 Feb 2019 22:24

Instrument :
BNA_F
ClientSampleId :
COMP-15RE

Tgt Ion:136 Resp: 110935

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.8	5.9	8.9#
68	5.0	5.1	7.7#

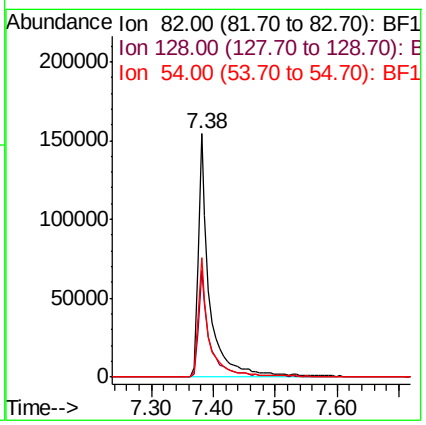


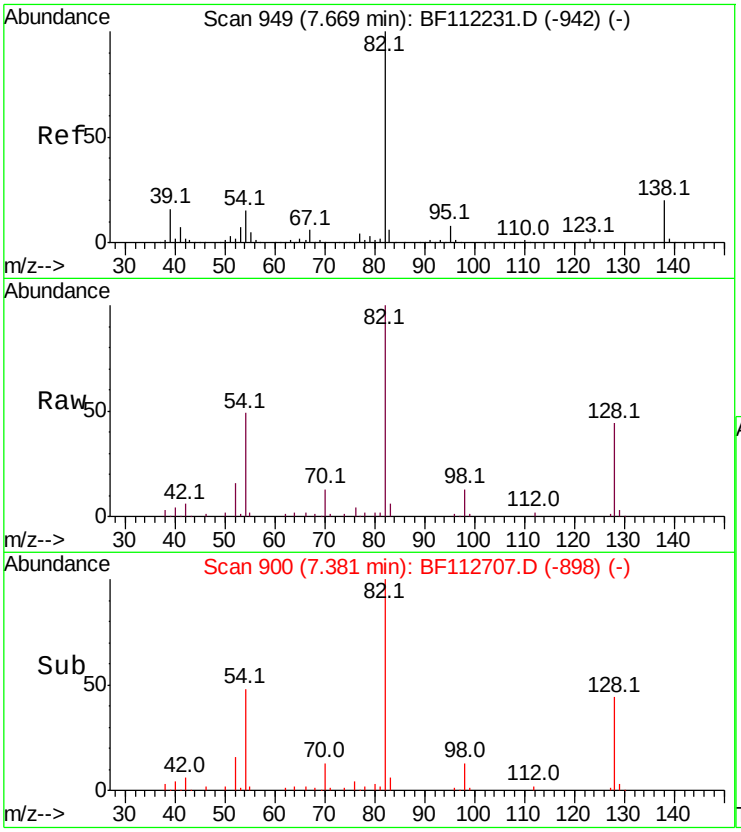


#23
Nitrobenzene-d5
Concen: 104.073 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BF112707.D
Acq: 25 Feb 2019 22:24

Tgt Ion: 82 Resp: 200372

Ion	Ratio	Lower	Upper
82	100		
128	43.6	37.8	56.8
54	48.8	39.7	59.5



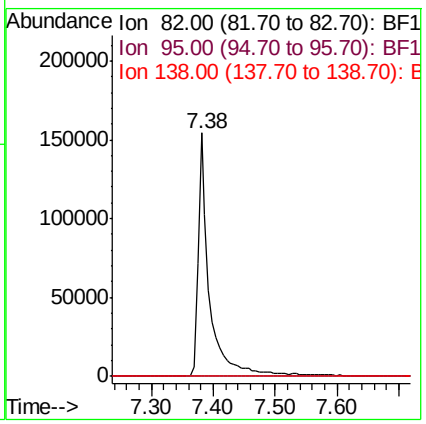


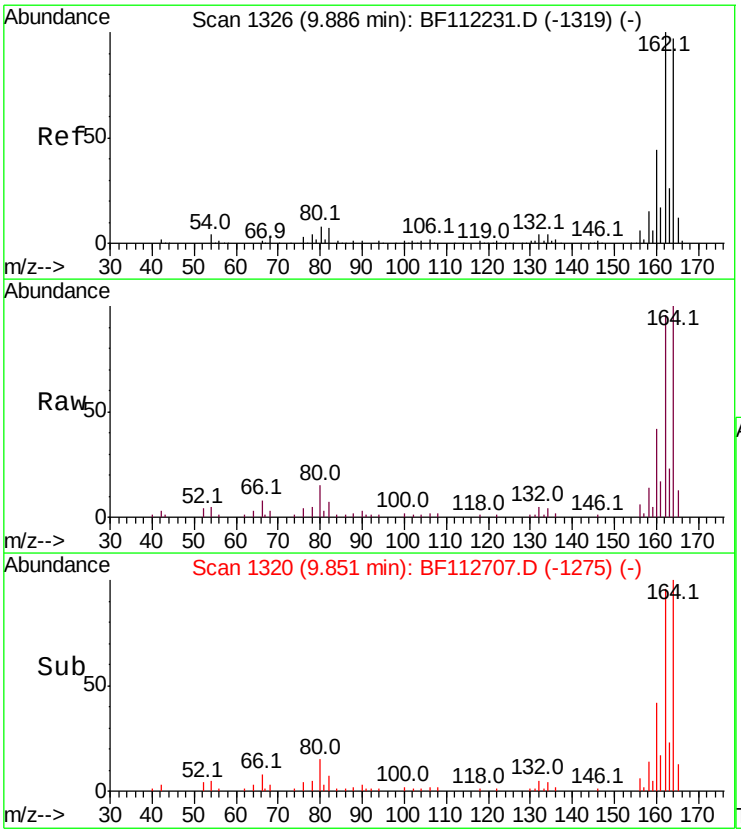
#25
Isophorone
Concen: 66.340 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.29 min
Lab File: BF112707.D
Acq: 25 Feb 2019 22:24

Instrument :
BNA_F
ClientSampleId :
COMP-15RE

Tgt Ion: 82 Resp: 200372

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

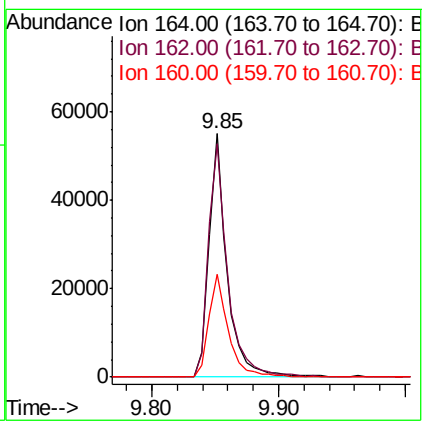


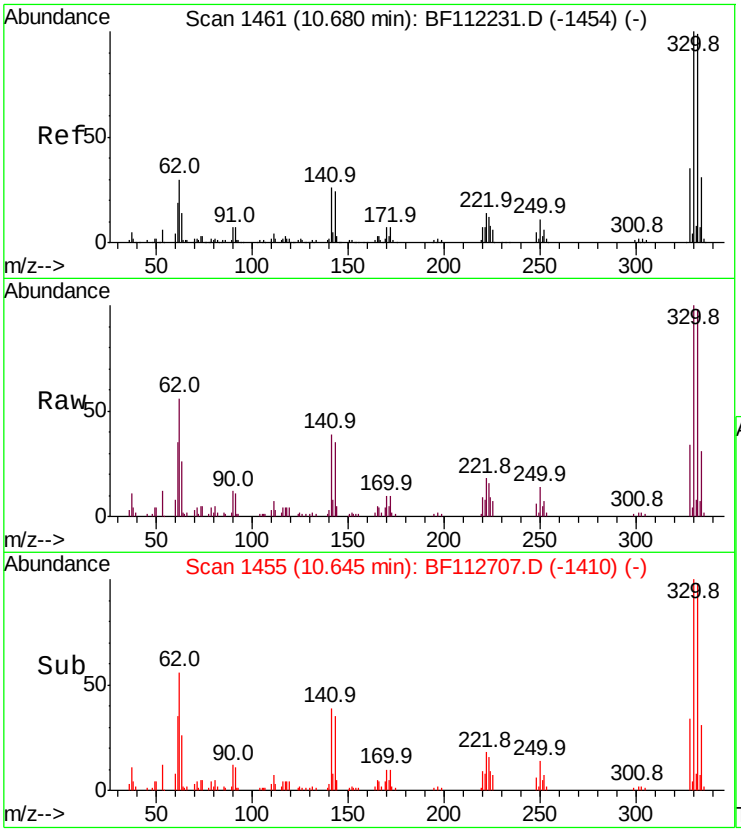


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF112707.D
Acq: 25 Feb 2019 22:24

Tgt Ion:164 Resp: 55530

Ion	Ratio	Lower	Upper
164	100		
162	96.1	82.2	123.4
160	42.2	36.2	54.4



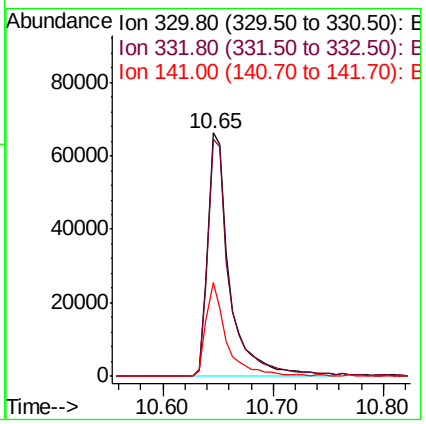


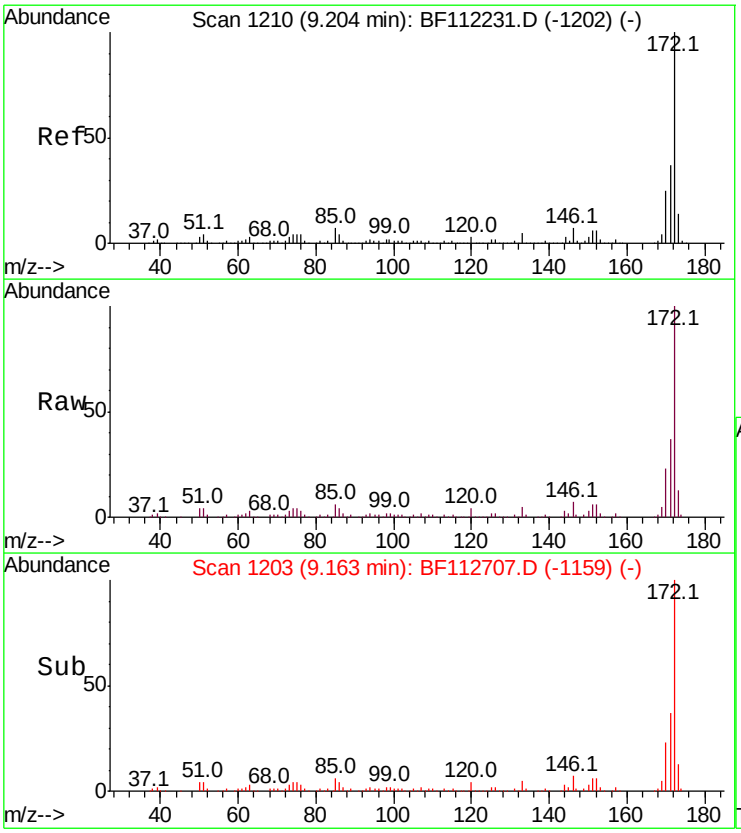
#42
2,4,6-Tribromophenol
Concen: 139.598 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.04 min
Lab File: BF112707.D
Acq: 25 Feb 2019 22:24

Instrument :
BNA_F
ClientSampleId :
COMP-15RE

Tgt Ion:330 Resp: 90230

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	114.8
141	35.9	24.3	36.5

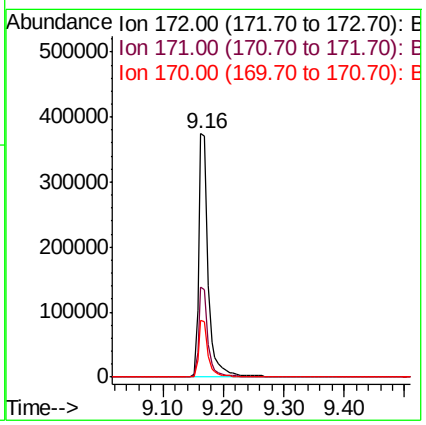


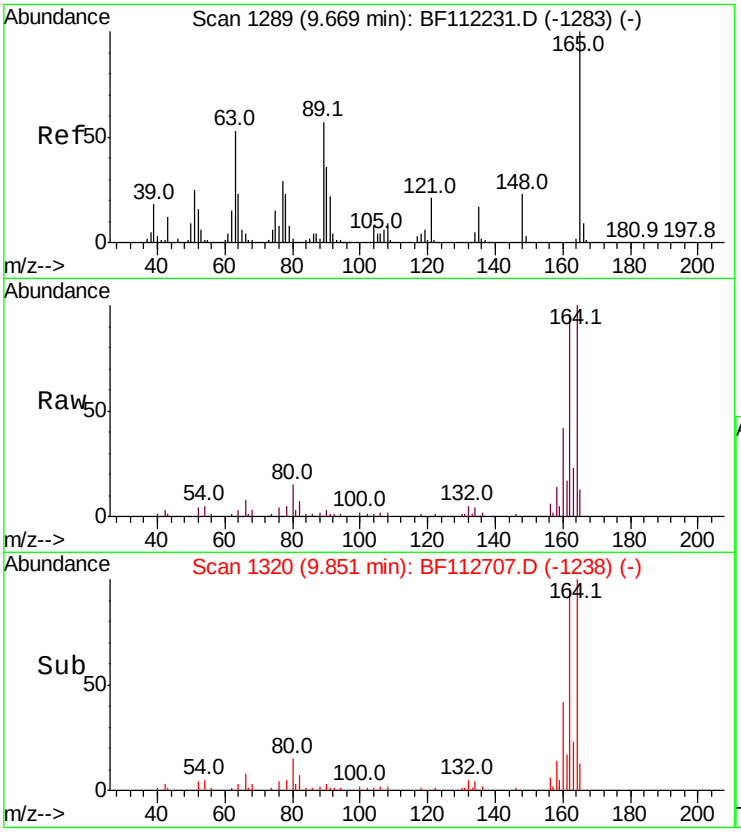


#45
2-Fluorobiphenyl
Concen: 105.777 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BF112707.D
Acq: 25 Feb 2019 22:24

Tgt Ion:172 Resp: 415305

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	23.5	20.2	30.4



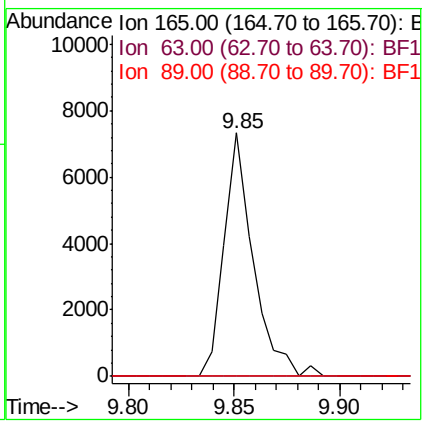


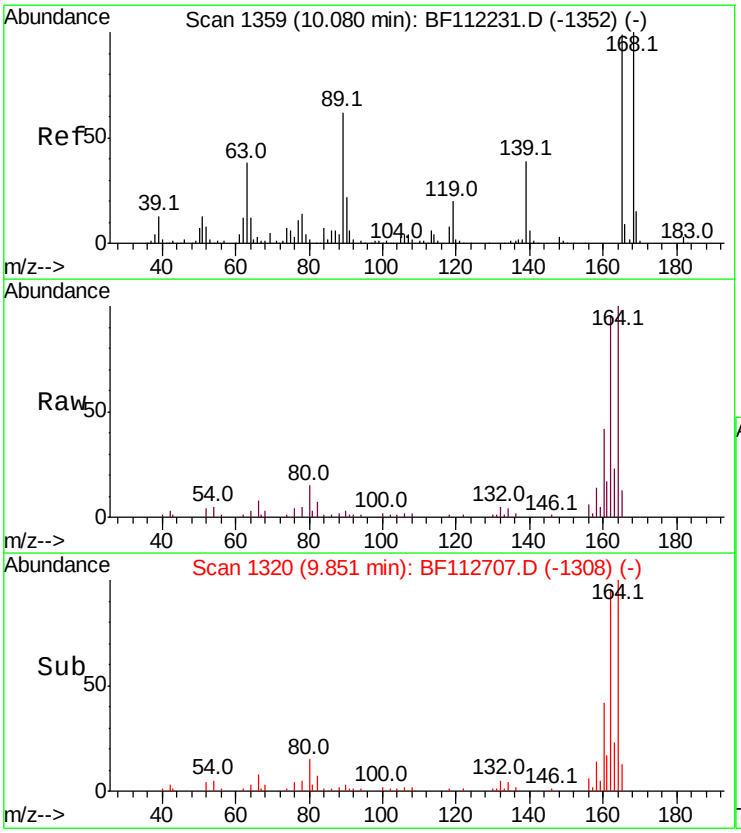
#51
2,6-Dinitrotoluene
Concen: 7.291 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.18 min
Lab File: BF112707.D
Acq: 25 Feb 2019 22:24

Instrument :
BNA_F
ClientSampleId :
COMP-15RE

Tgt Ion:165 Resp: 7045

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.8#
89	0.0	36.9	55.3#

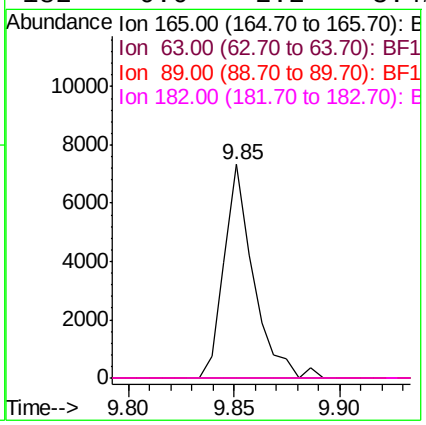


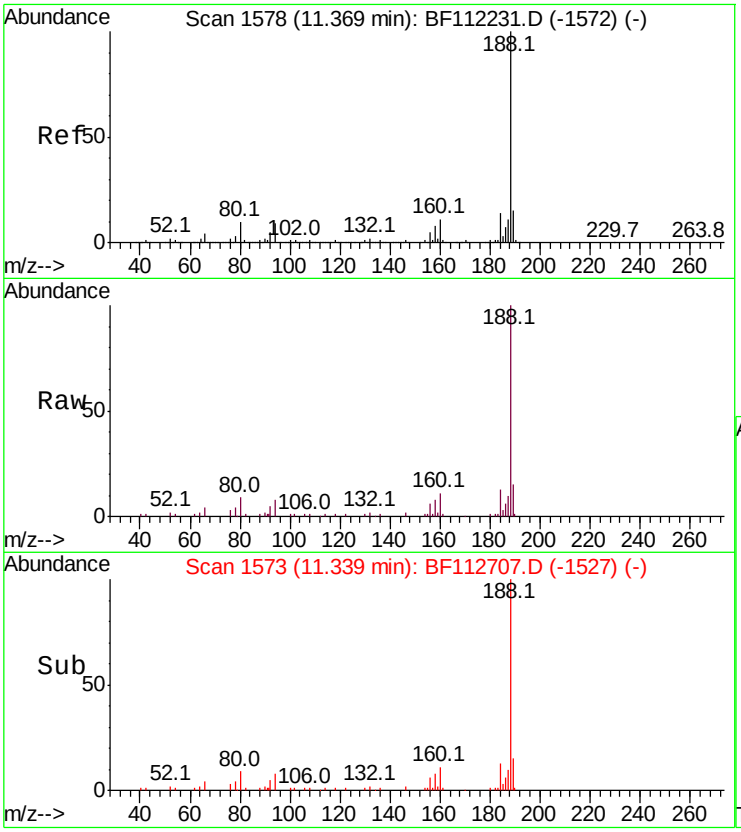


#57
2,4-Dinitrotoluene
Concen: 5.727 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.23 min
Lab File: BF112707.D
Acq: 25 Feb 2019 22:24

Tgt Ion:165 Resp: 7045

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



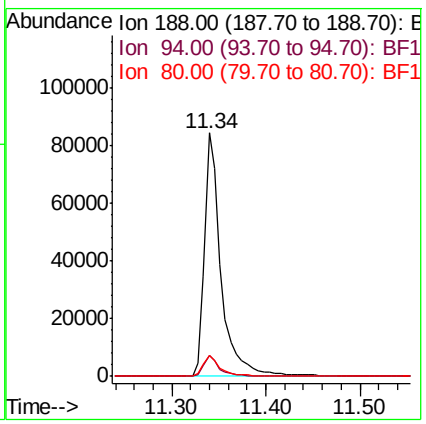


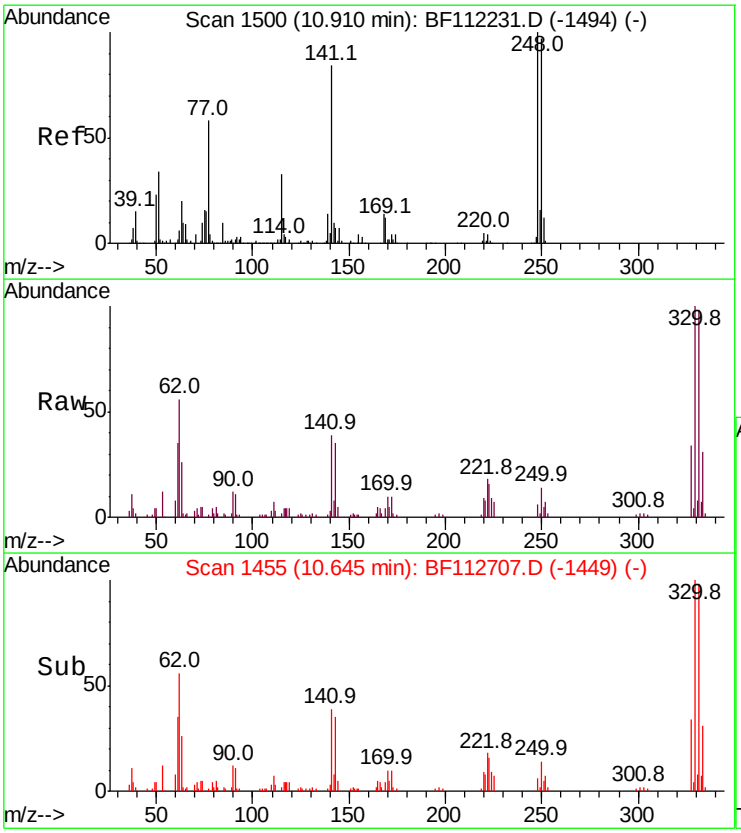
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112707.D
Acq: 25 Feb 2019 22:24

Instrument :
BNA_F
ClientSampleId :
COMP-15RE

Tgt Ion:188 Resp: 104557

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.2
80	8.6	8.9	13.3#

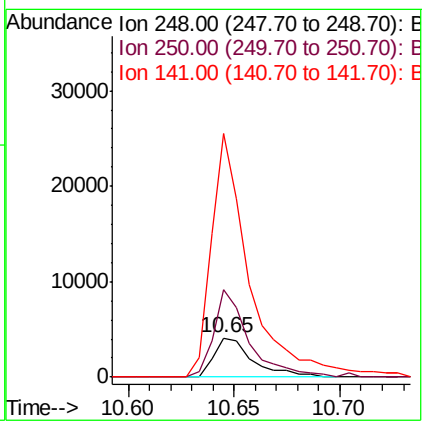


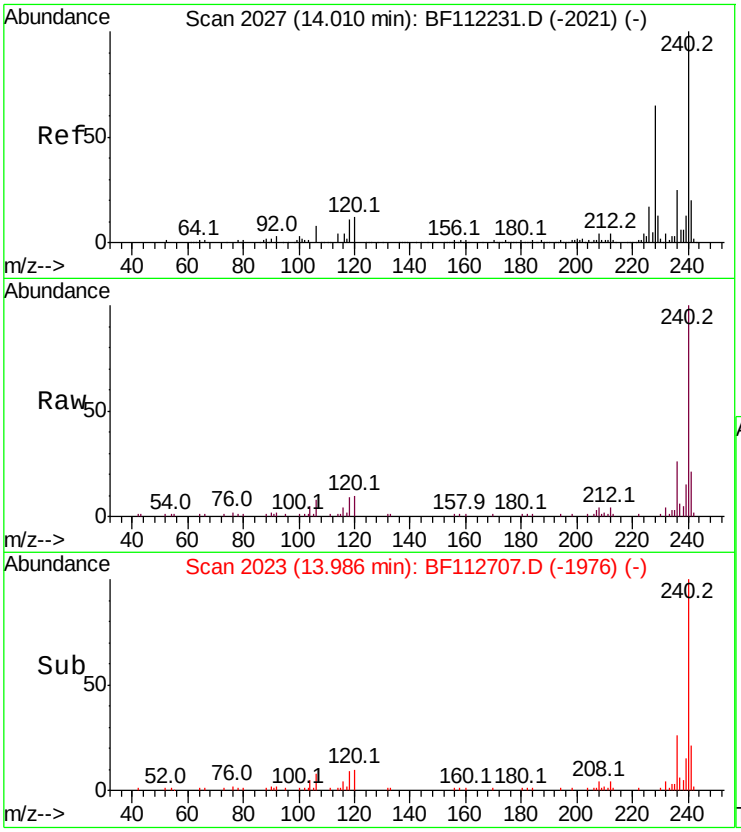


#67
4-Bromophenyl-phenylether
Concen: 4.263 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.26 min
Lab File: BF112707.D
Acq: 25 Feb 2019 22:24

Tgt Ion:248 Resp: 5242

Ion	Ratio	Lower	Upper
248	100		
250	221.9	79.7	119.5#
141	617.1	60.3	90.5#



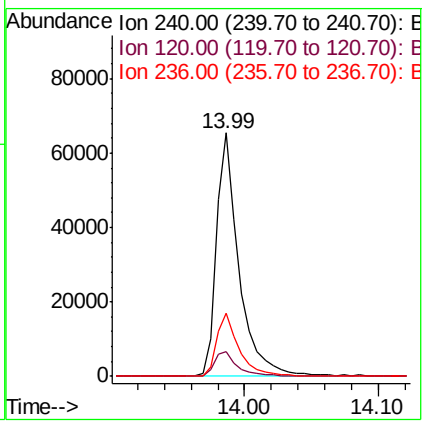


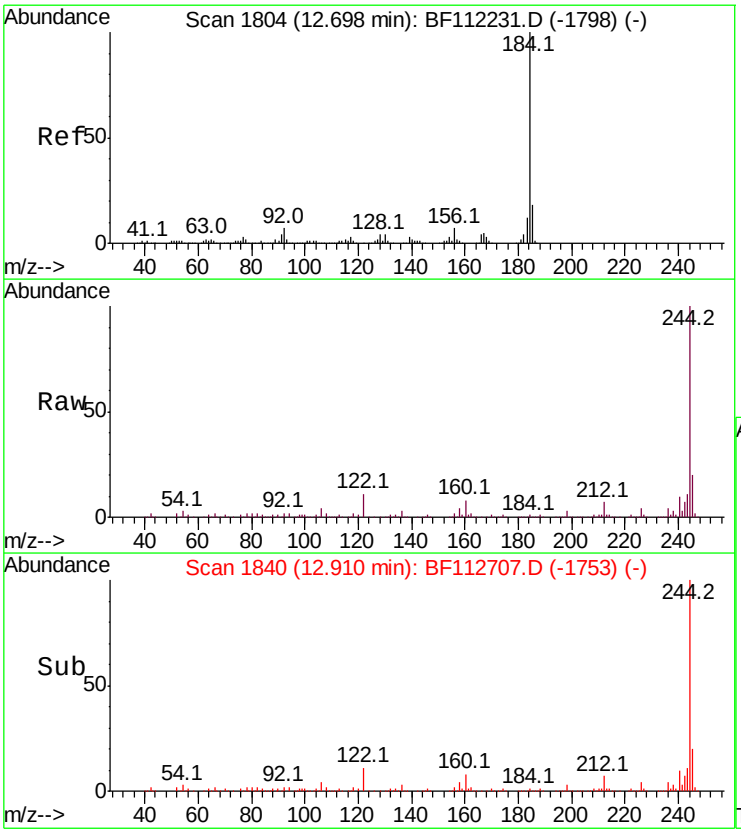
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF112707.D
Acq: 25 Feb 2019 22:24

Instrument :
BNA_F
ClientSampleId :
COMP-15RE

Tgt Ion:240 Resp: 77679

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.0	13.6
236	25.9	20.7	31.1

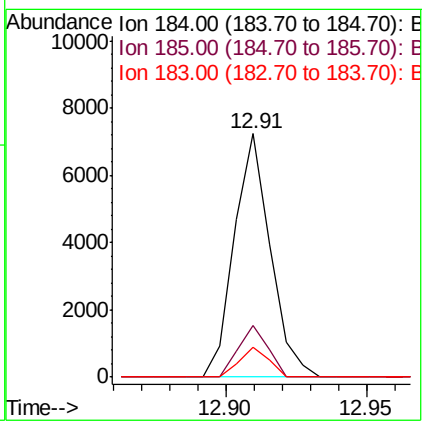


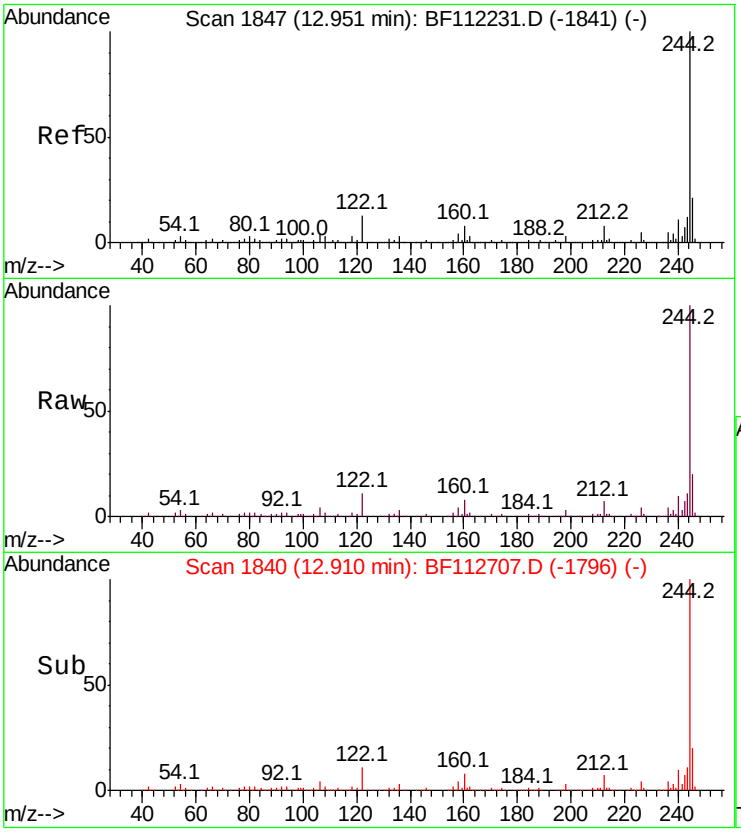


#77
Benzidine
Concen: 3.006 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.21 min
Lab File: BF112707.D
Acq: 25 Feb 2019 22:24

Tgt Ion:184 Resp: 6427

Ion	Ratio	Lower	Upper
184	100		
185	21.2	13.9	20.9#
183	12.5	10.0	15.0



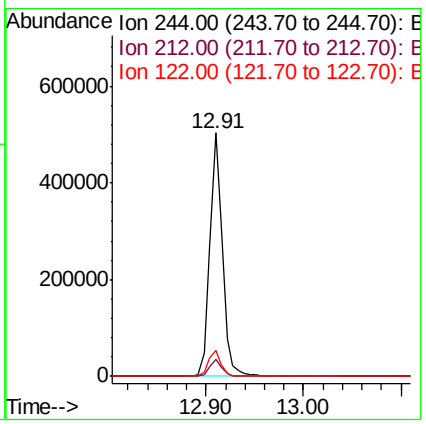


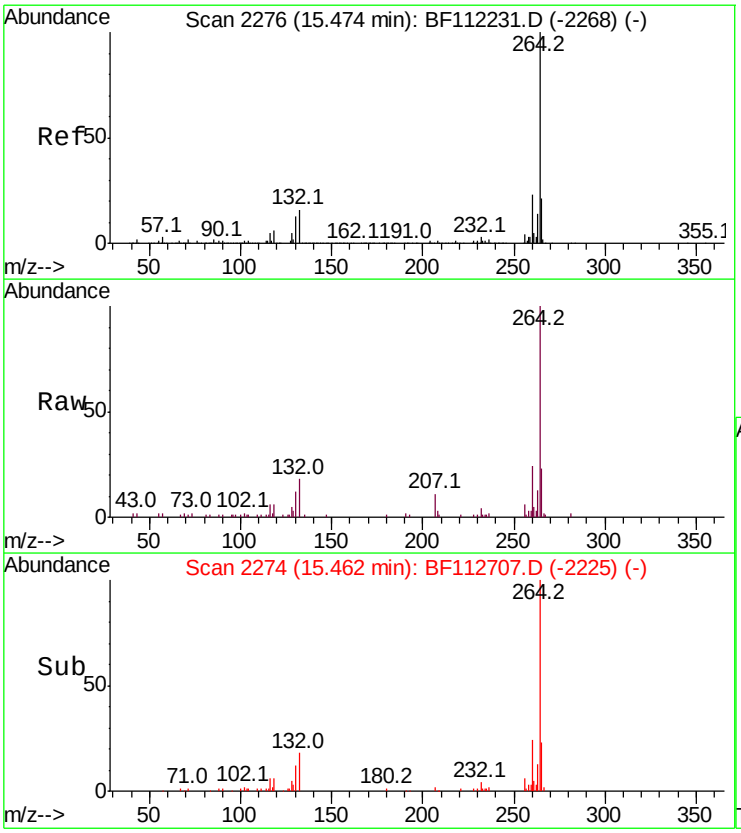
#79
Terphenyl-d14
Concen: 108.907 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.04 min
Lab File: BF112707.D
Acq: 25 Feb 2019 22:24

Instrument :
BNA_F
ClientSampleId :
COMP-15RE

Tgt Ion:244 Resp: 449166

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	10.9	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: BF112707.D
Acq: 25 Feb 2019 22:24

Tgt Ion:264 Resp: 60797

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.2
265	23.2	17.0	25.4