Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
Data File : BF112705.D
Acq On : 25 Feb 2019 21:29
Operator : JU/SJ
Sample : K1596-04RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-13RE

Quant Time: Feb 26 00:08:47 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	35694	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	143866	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	69038	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	126076	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	92860	20.00	ng	-0.02
87) Perylene-d12	15.46	264	72178	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	269767	160.53	ng	-0.02
7) Phenol-d6	6.48	99	306036	131.06	ng	-0.01
23) Nitrobenzene-d5	7.38	82	239954	96.10	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	103632	128.96	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	491367	100.66	ng	-0.04
79) Terphenyl-d14	12.91	244	486997	98.78	ng	-0.04
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	7961	6.523	ng	# 78
15) Benzyl Alcohol	6.97	79	4284	2.176	ng	# 53
19) n-Nitroso-di-n-propylamine	7.38	70	33371	20.726	ng	# 77
25) Isophorone	7.38	82	239954	61.260	ng	# 63
51) 2,6-Dinitrotoluene	9.85	165	8441	7.027	ng	# 32
57) 2,4-Dinitrotoluene	9.85	165	8441	5.519	ng	# 30
67) 4-Bromophenyl-phenylether	10.65	248	5799	3.911	ng	# 1
77) Benzidine	12.91	184	6941	2.716	ng	# 94

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

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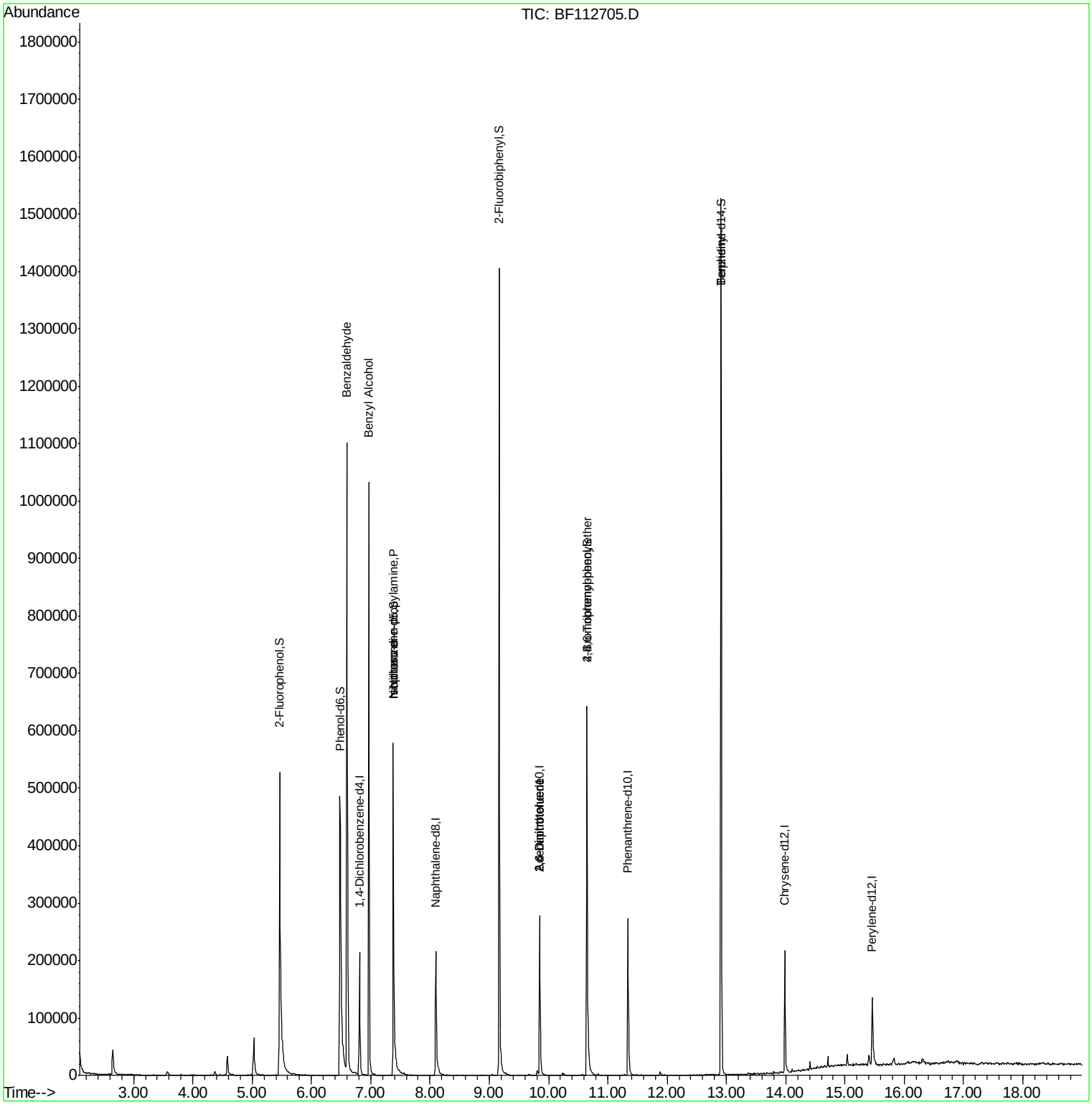
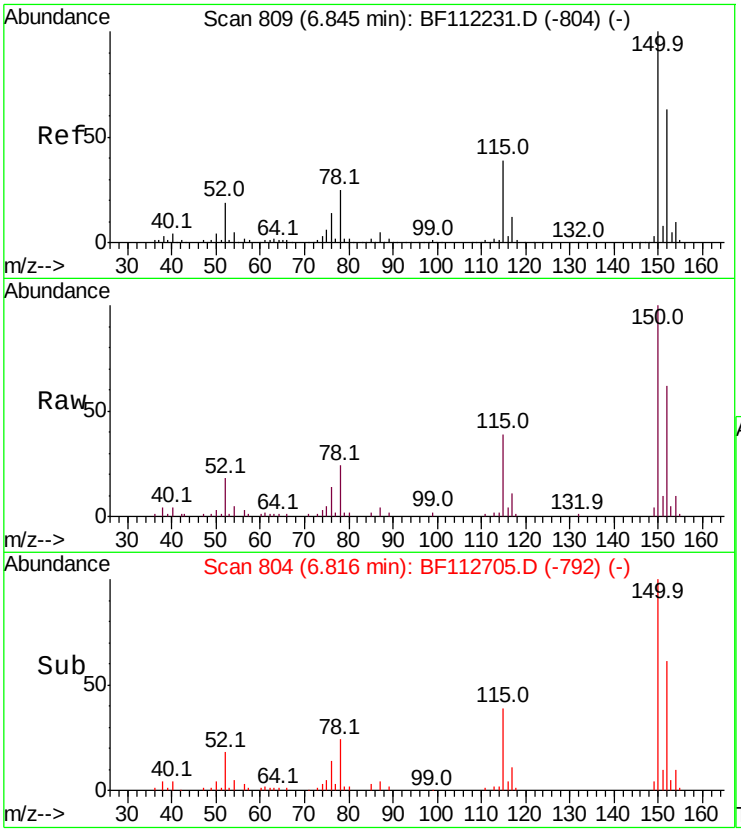


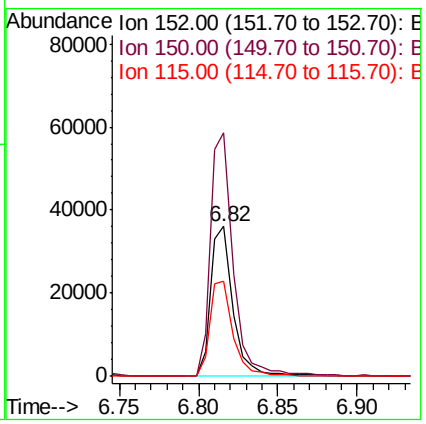


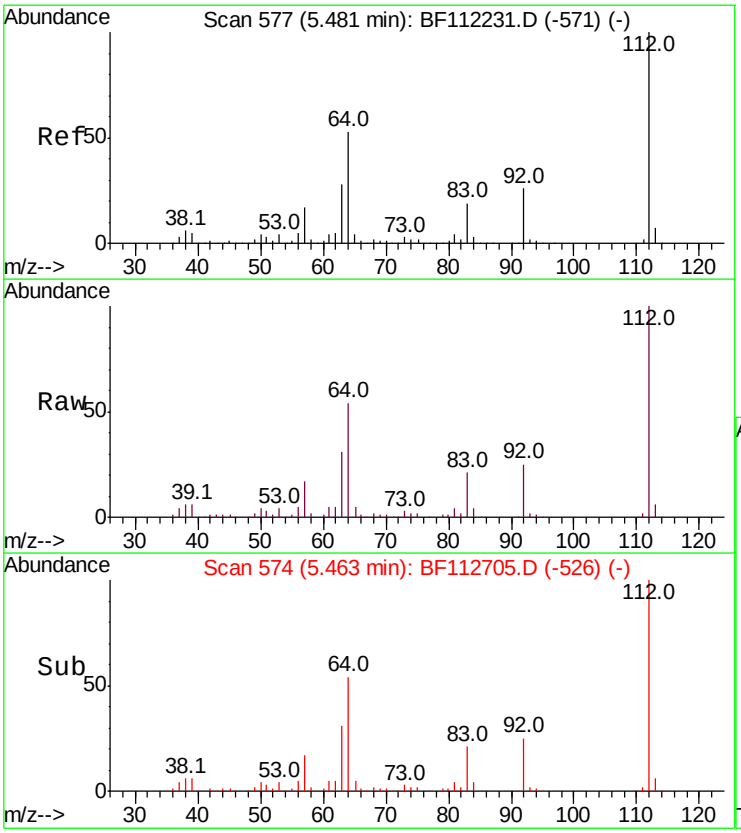
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112705.D
Acq: 25 Feb 2019 21:29

Instrument :
BNA_F
ClientSampleId :
COMP-13RE

Tgt Ion:152 Resp: 35694

Ion	Ratio	Lower	Upper
152	100		
150	162.3	127.4	191.0
115	63.2	45.5	68.3

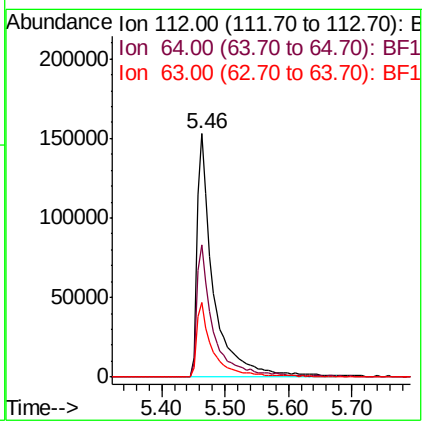


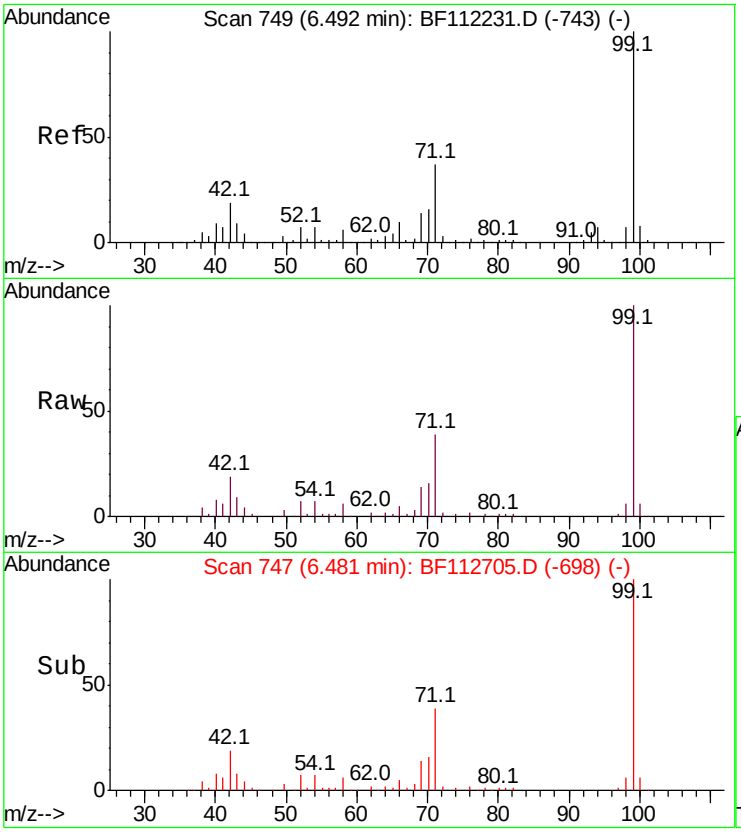


#5
2-Fluorophenol
Concen: 160.532 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112705.D
Acq: 25 Feb 2019 21:29

Tgt Ion:112 Resp: 269767

Ion	Ratio	Lower	Upper
112	100		
64	54.4	45.7	68.5
63	30.8	23.6	35.4



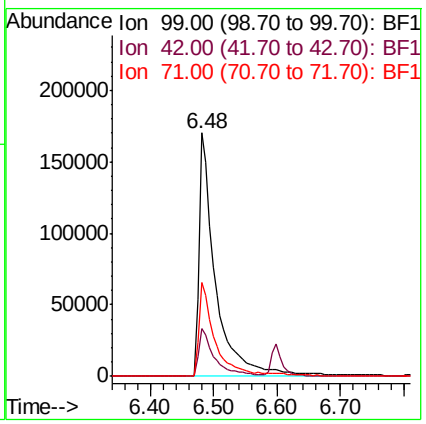


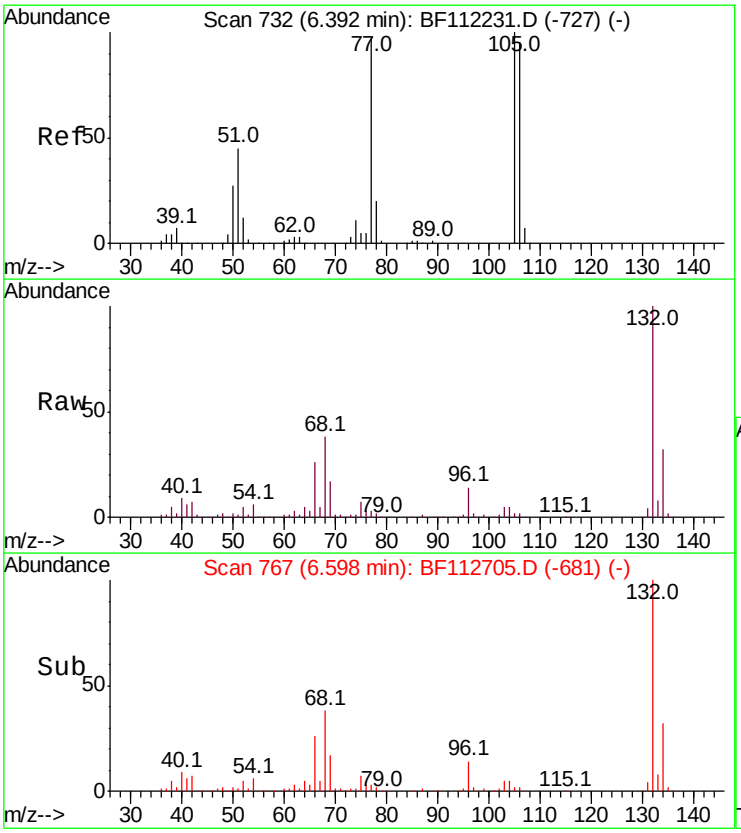
#7
Phenol-d6
Concen: 131.060 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF112705.D
Acq: 25 Feb 2019 21:29

Instrument :
BNA_F
ClientSampleId :
COMP-13RE

Tgt Ion: 99 Resp: 306036

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.1	22.7
71	38.7	26.9	40.3

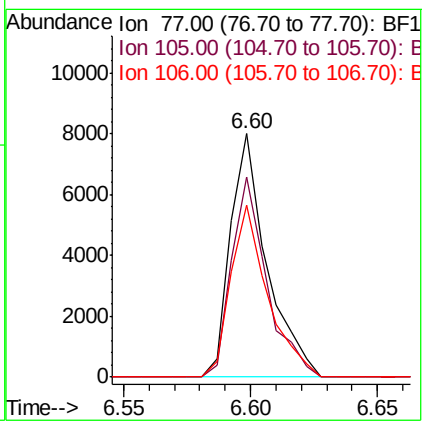


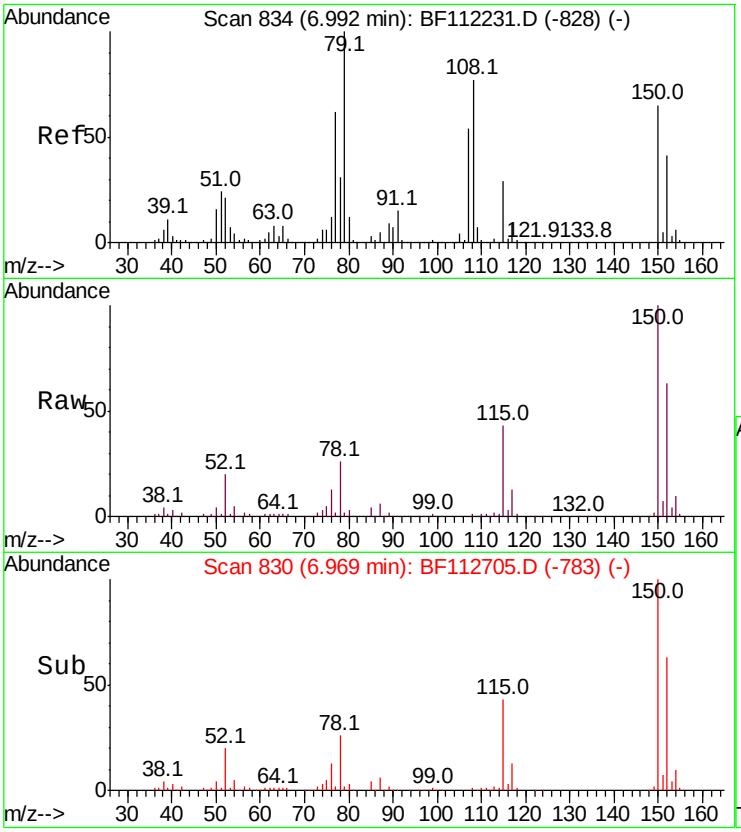


#9
Benzaldehyde
Concen: 6.523 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.21 min
Lab File: BF112705.D
Acq: 25 Feb 2019 21:29

Tgt Ion: 77 Resp: 7961

Ion	Ratio	Lower	Upper
77	100		
105	82.0	80.8	120.8
106	70.8	75.7	115.7#



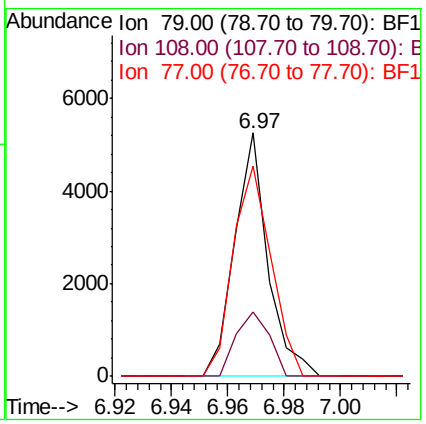


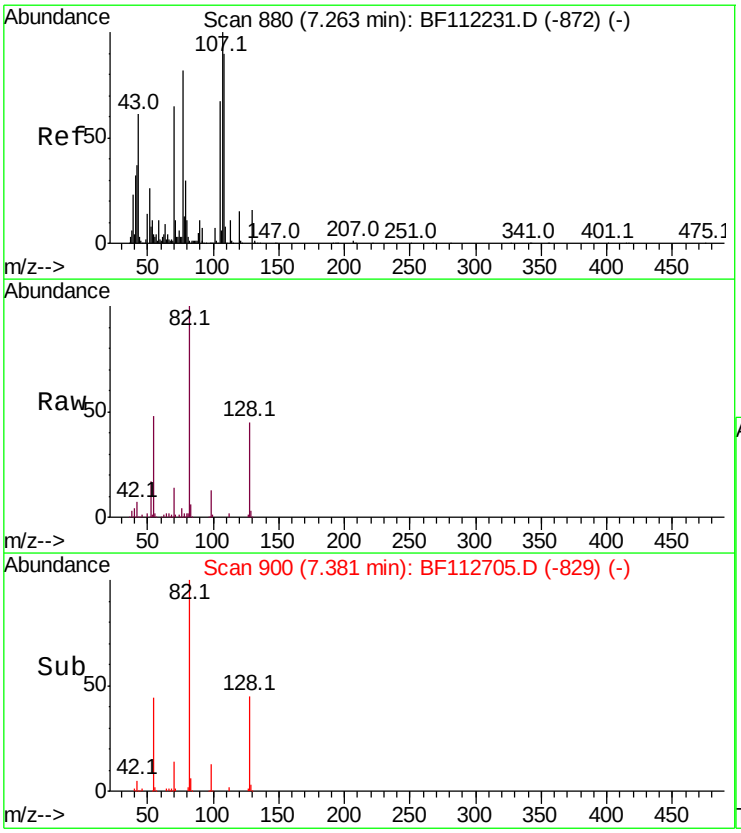
#15
Benzyl Alcohol
Concen: 2.176 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF112705.D
Acq: 25 Feb 2019 21:29

Instrument :
BNA_F
ClientSampleId :
COMP-13RE

Tgt Ion: 79 Resp: 4284

Ion	Ratio	Lower	Upper
79	100		
108	26.6	64.2	96.2#
77	86.1	50.3	75.5#

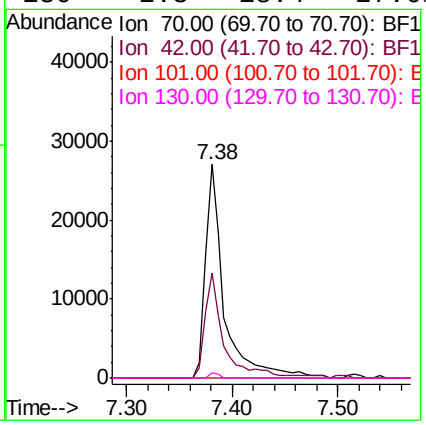


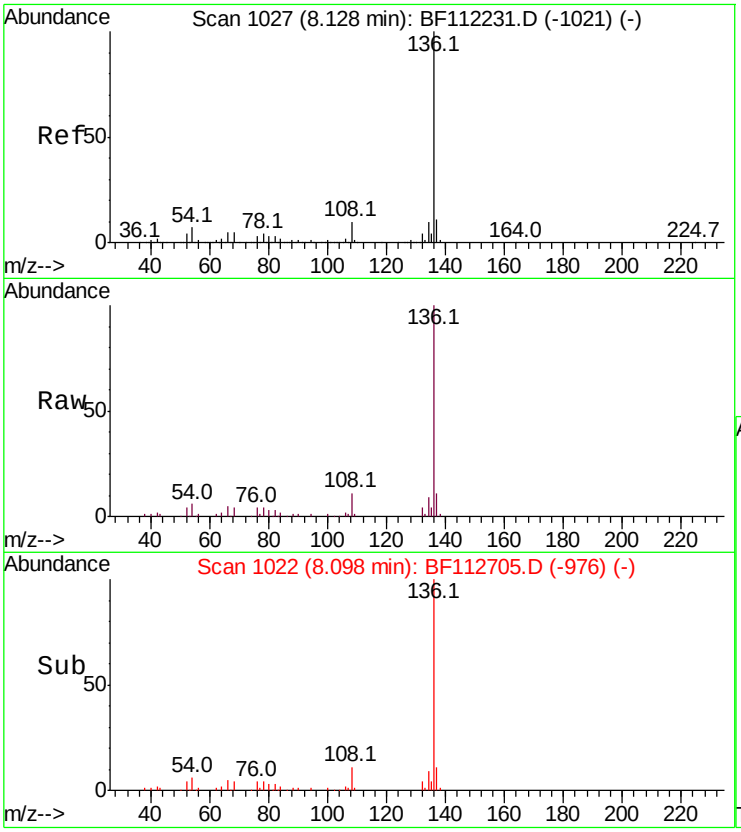


#19
n-Nitroso-di-n-propylamine
Concen: 20.726 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.12 min
Lab File: BF112705.D
Acq: 25 Feb 2019 21:29

Tgt Ion: 70 Resp: 33371

Ion	Ratio	Lower	Upper
70	100		
42	48.9	47.6	71.4
101	0.0	7.9	11.9#
130	2.3	18.4	27.6#



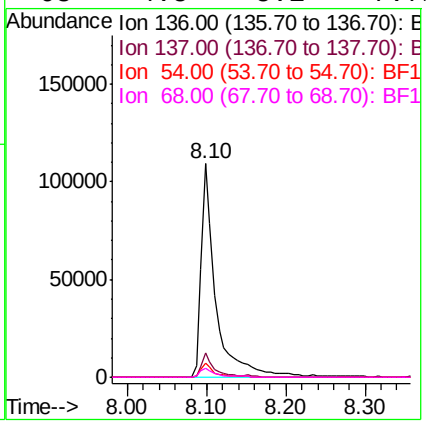


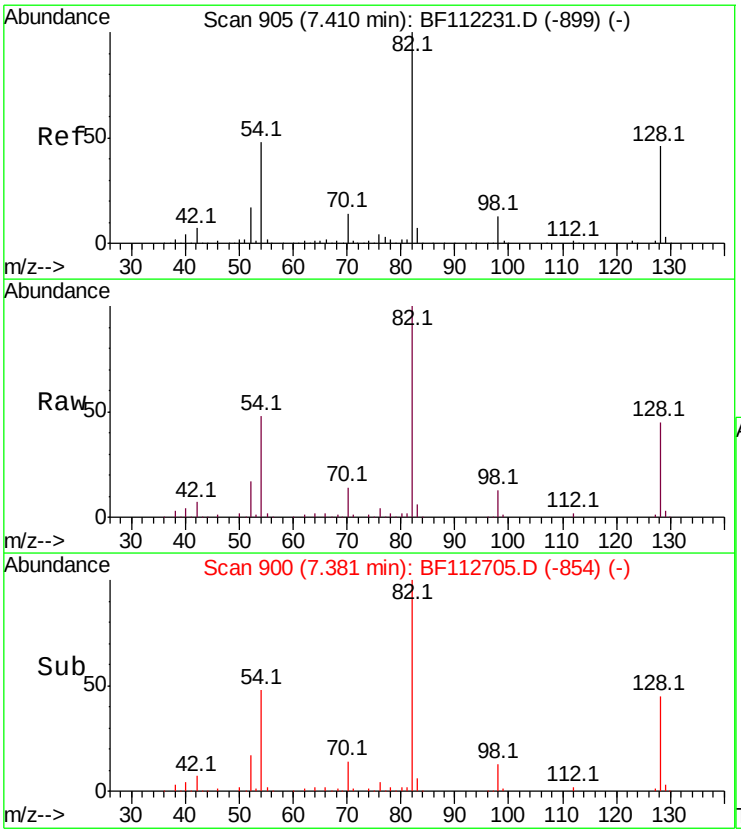
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF112705.D
Acq: 25 Feb 2019 21:29

Instrument :
BNA_F
ClientSampleId :
COMP-13RE

Tgt Ion:136 Resp: 143866

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.3	5.9	8.9
68	4.5	5.1	7.7#

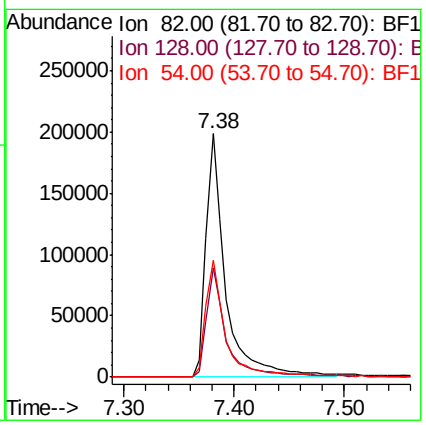


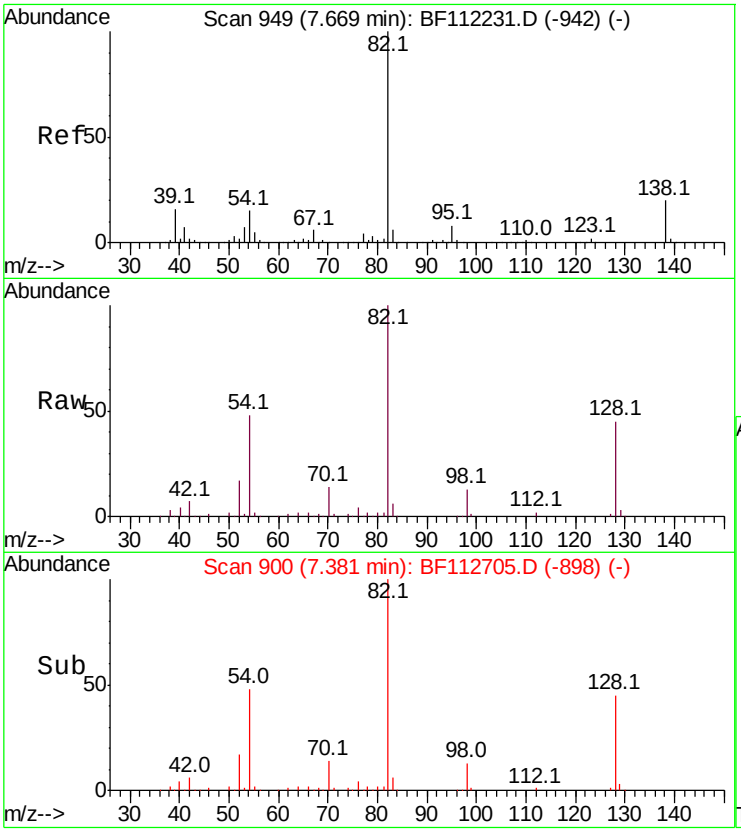


#23
Nitrobenzene-d5
Concen: 96.104 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BF112705.D
Acq: 25 Feb 2019 21:29

Tgt Ion: 82 Resp: 239954

Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.8	56.8
54	48.2	39.7	59.5



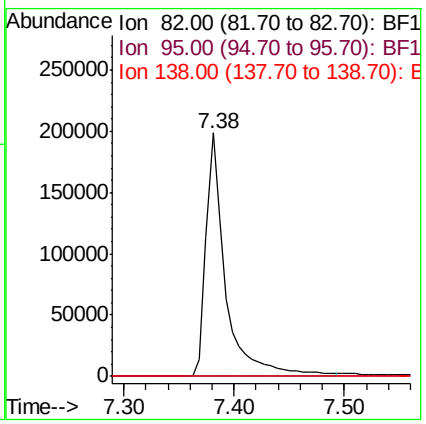


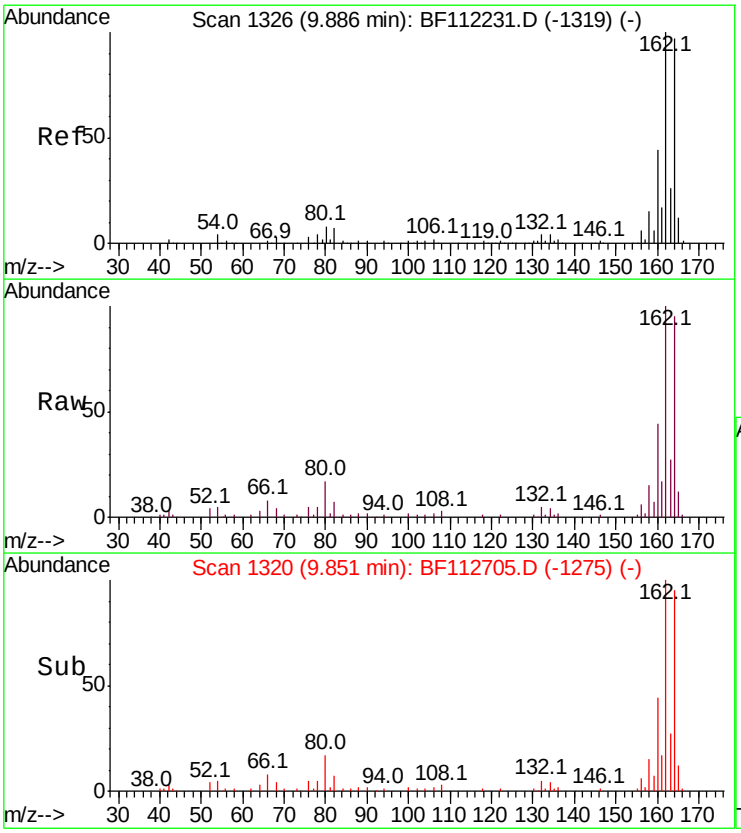
#25
Isophorone
Concen: 61.260 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.29 min
Lab File: BF112705.D
Acq: 25 Feb 2019 21:29

Instrument :
BNA_F
ClientSampleId :
COMP-13RE

Tgt Ion: 82 Resp: 239954

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

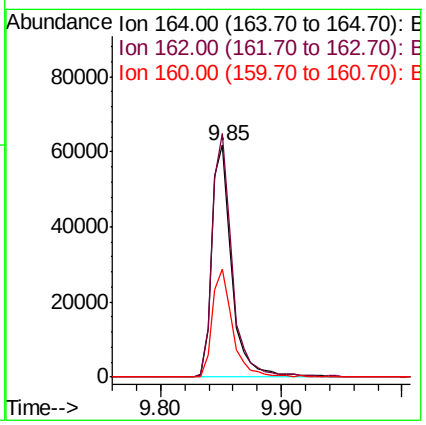


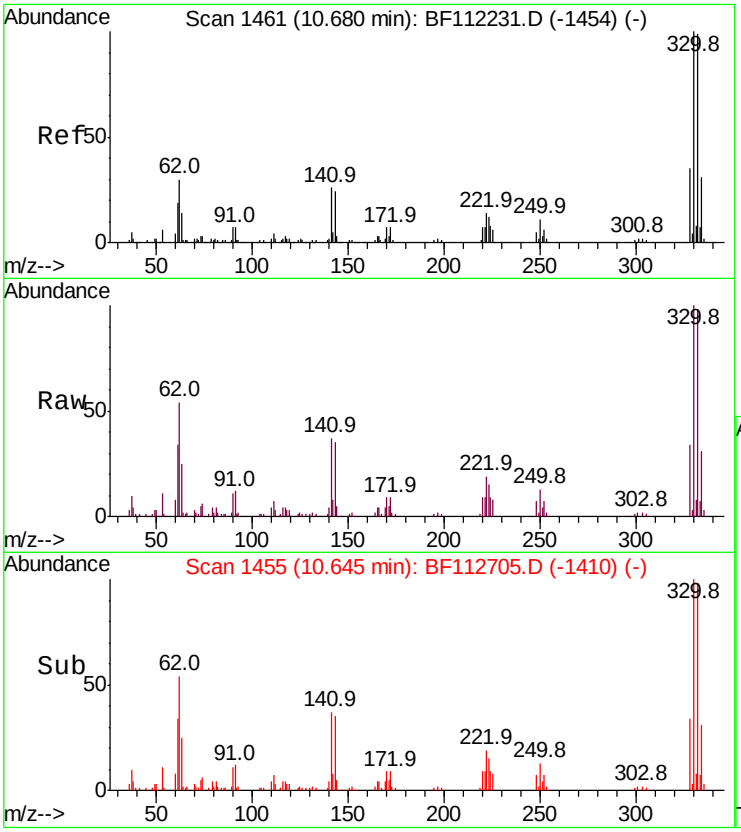


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF112705.D
Acq: 25 Feb 2019 21:29

Tgt Ion:164 Resp: 69038

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.2	123.4
160	46.7	36.2	54.4



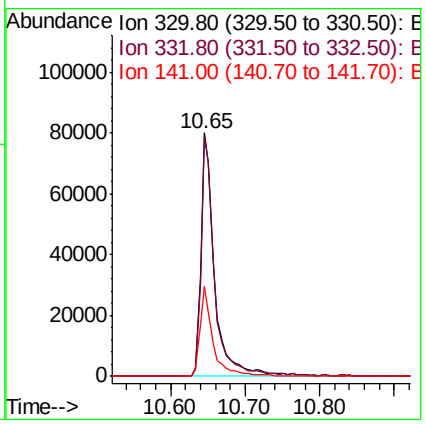


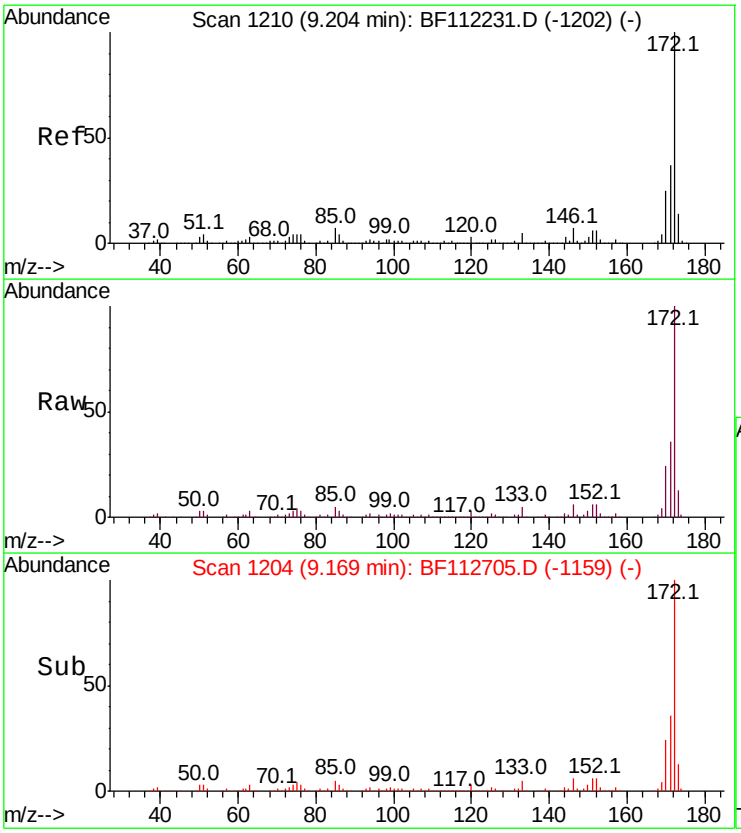
#42
2,4,6-Tribromophenol
Concen: 128.962 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.04 min
Lab File: BF112705.D
Acq: 25 Feb 2019 21:29

Instrument :
BNA_F
ClientSampleId :
COMP-13RE

Tgt Ion:330 Resp: 103632

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	114.8
141	34.8	24.3	36.5

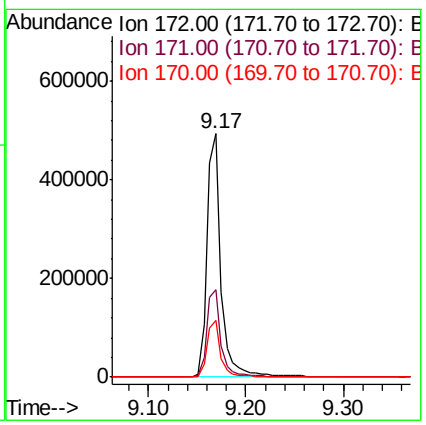


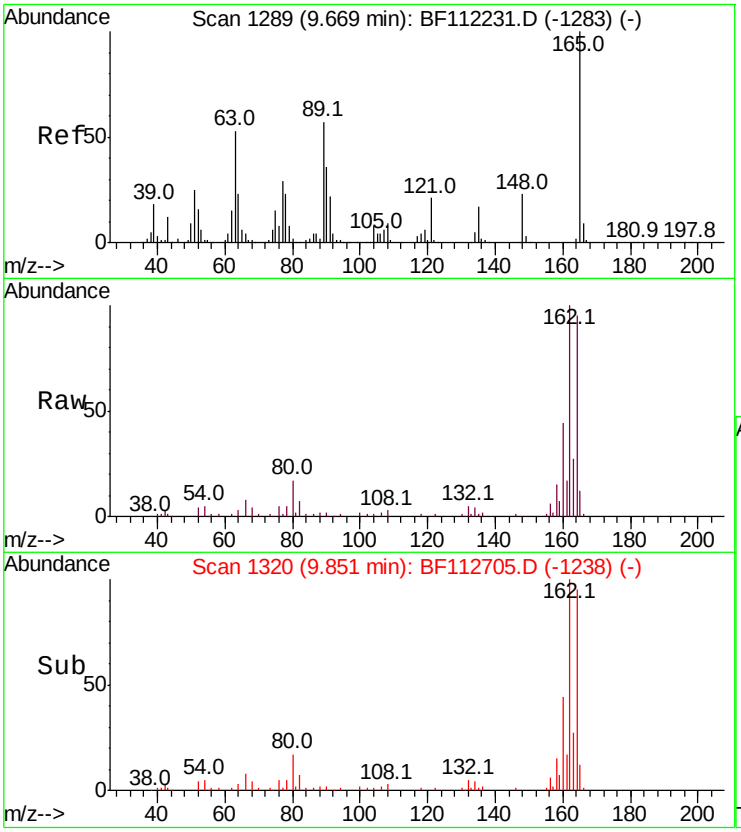


#45
2-Fluorobiphenyl
Concen: 100.663 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF112705.D
Acq: 25 Feb 2019 21:29

Tgt Ion:172 Resp: 491367

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.5	45.7
170	23.5	20.2	30.4



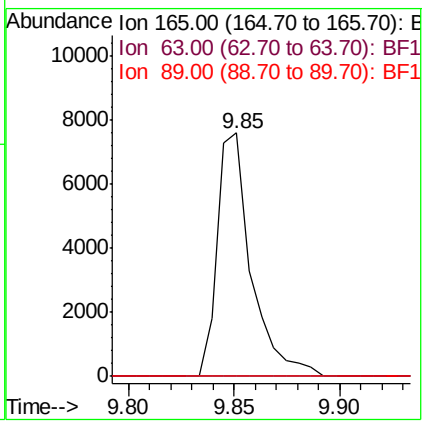


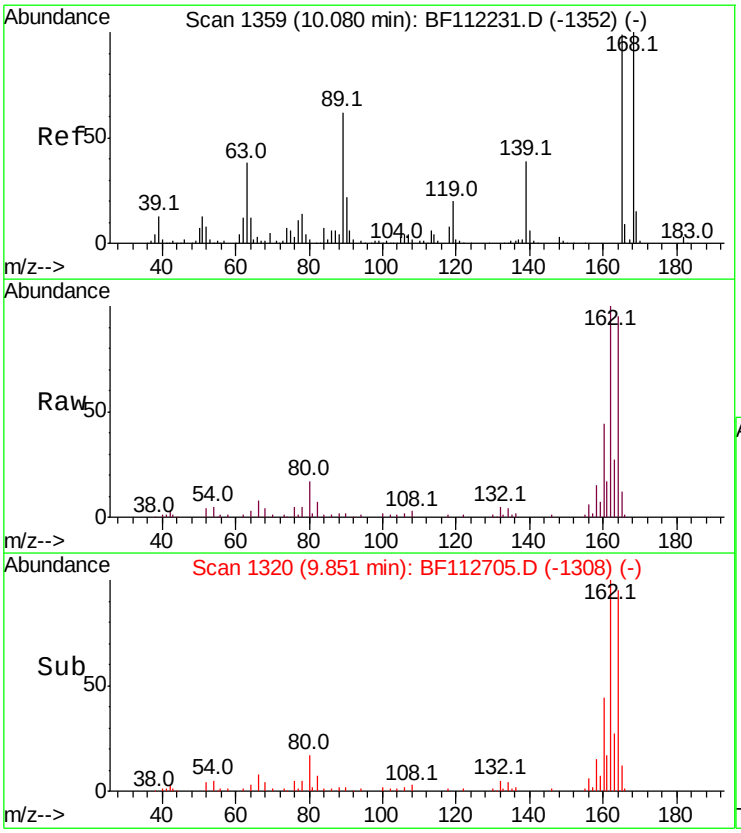
#51
2,6-Dinitrotoluene
Concen: 7.027 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.18 min
Lab File: BF112705.D
Acq: 25 Feb 2019 21:29

Instrument :
BNA_F
ClientSampleId :
COMP-13RE

Tgt Ion:165 Resp: 8441

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

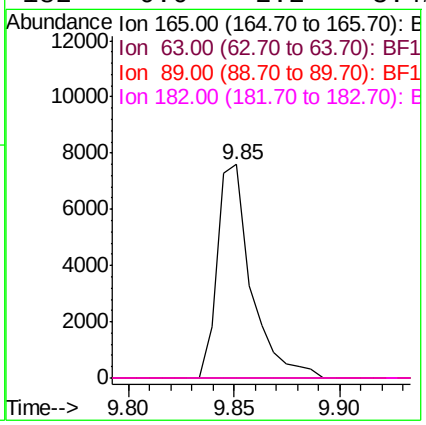


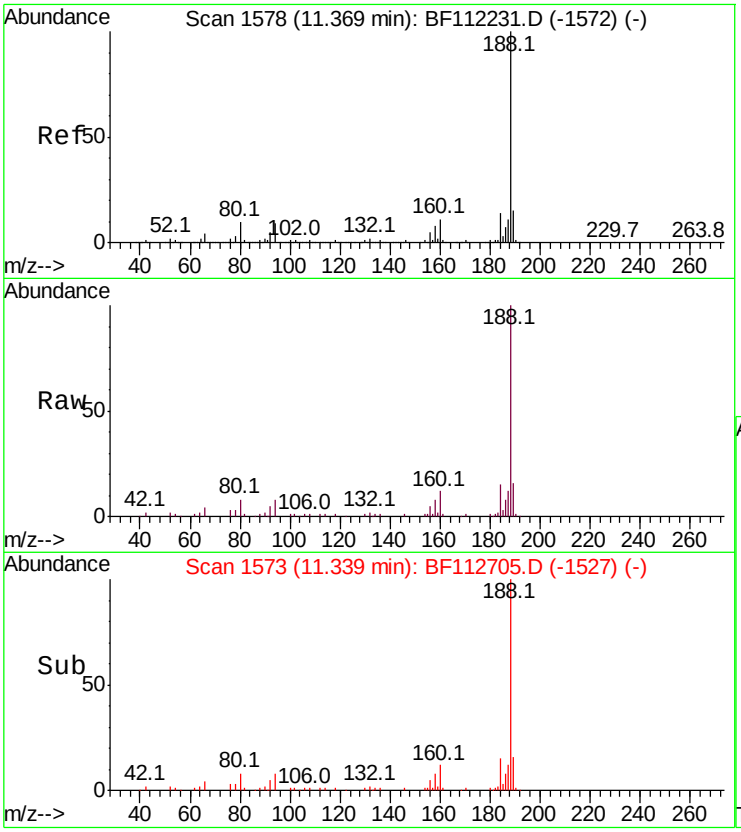


#57
2,4-Dinitrotoluene
Concen: 5.519 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.23 min
Lab File: BF112705.D
Acq: 25 Feb 2019 21:29

Tgt Ion:165 Resp: 8441

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#



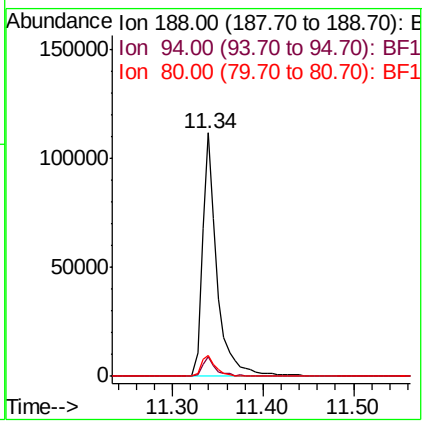


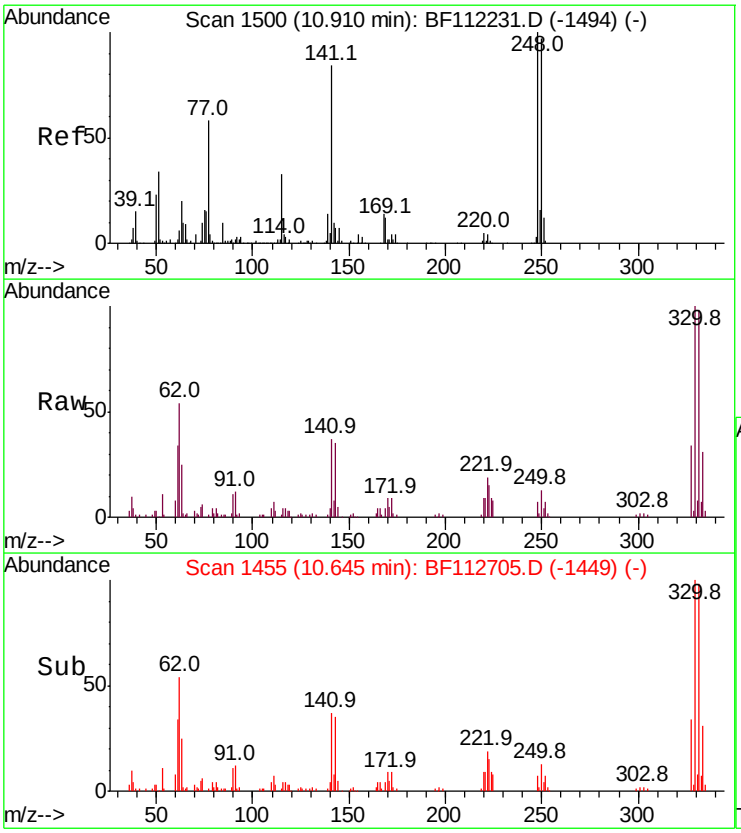
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112705.D
Acq: 25 Feb 2019 21:29

Instrument :
BNA_F
ClientSampleId :
COMP-13RE

Tgt Ion:188 Resp: 126076

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.4	8.9	13.3#

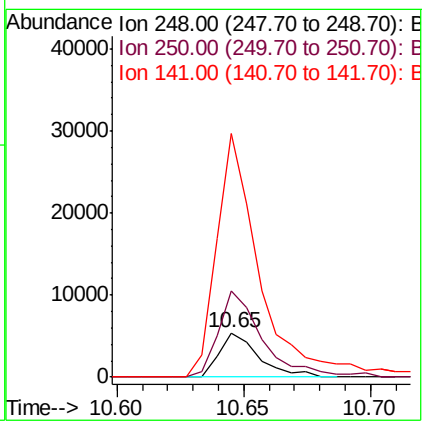


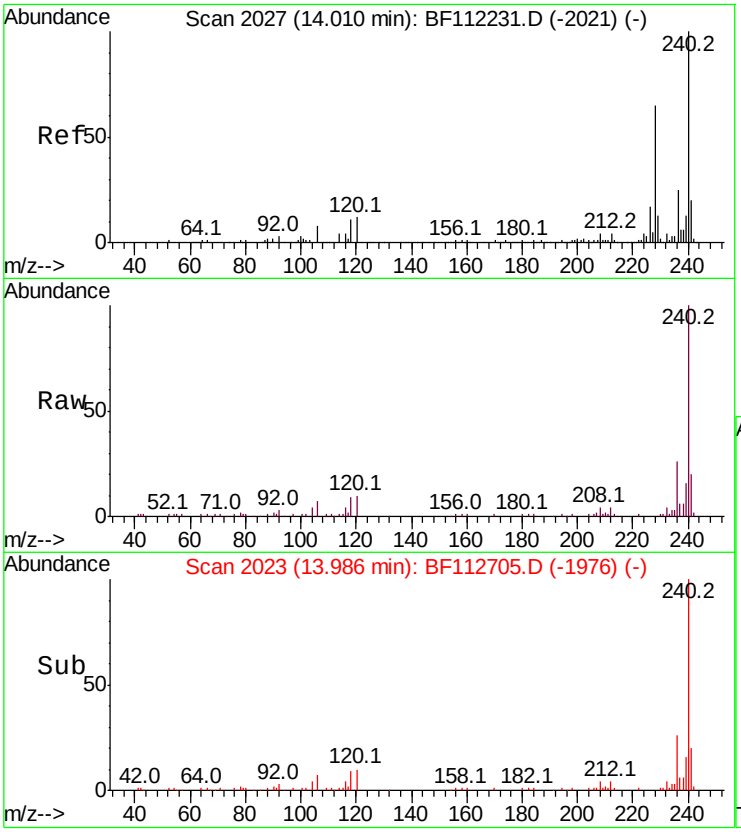


#67
4-Bromophenyl-phenylether
Concen: 3.911 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.26 min
Lab File: BF112705.D
Acq: 25 Feb 2019 21:29

Tgt Ion:248 Resp: 5799

Ion	Ratio	Lower	Upper
248	100		
250	193.3	79.7	119.5#
141	549.6	60.3	90.5#



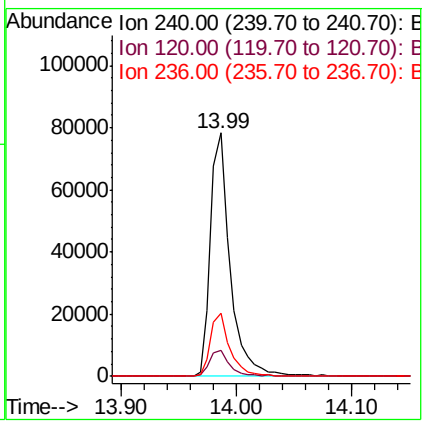


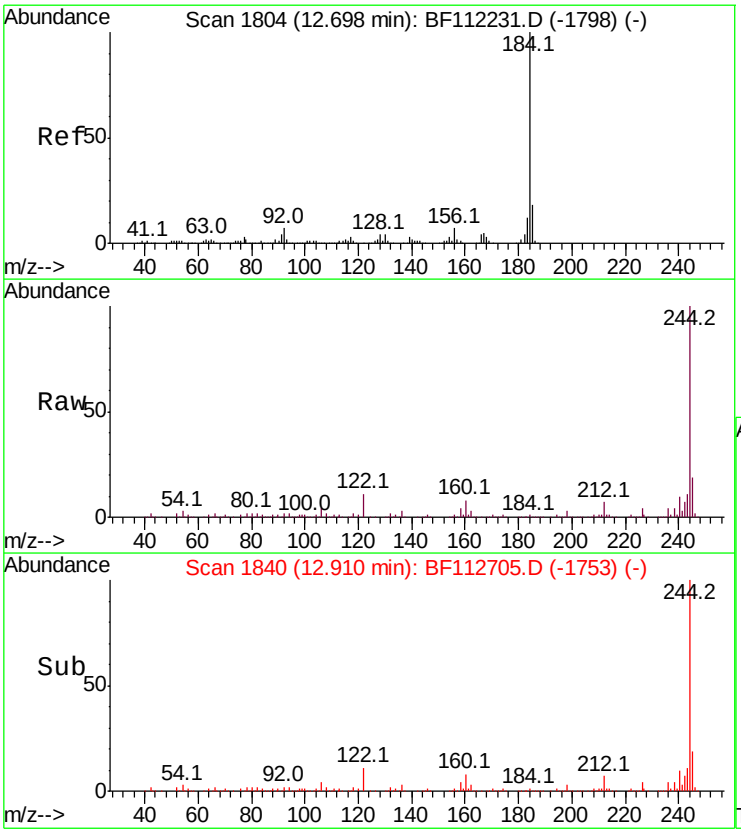
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF112705.D
Acq: 25 Feb 2019 21:29

Instrument :
BNA_F
ClientSampleId :
COMP-13RE

Tgt Ion:240 Resp: 92860

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.0	13.6
236	26.2	20.7	31.1

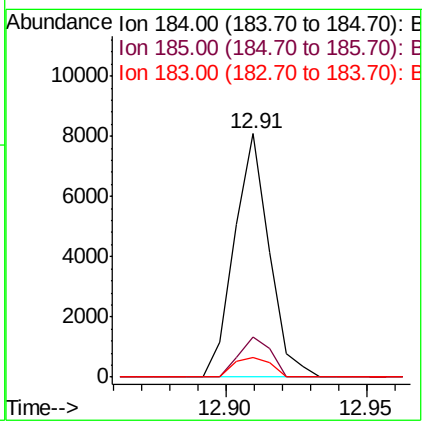


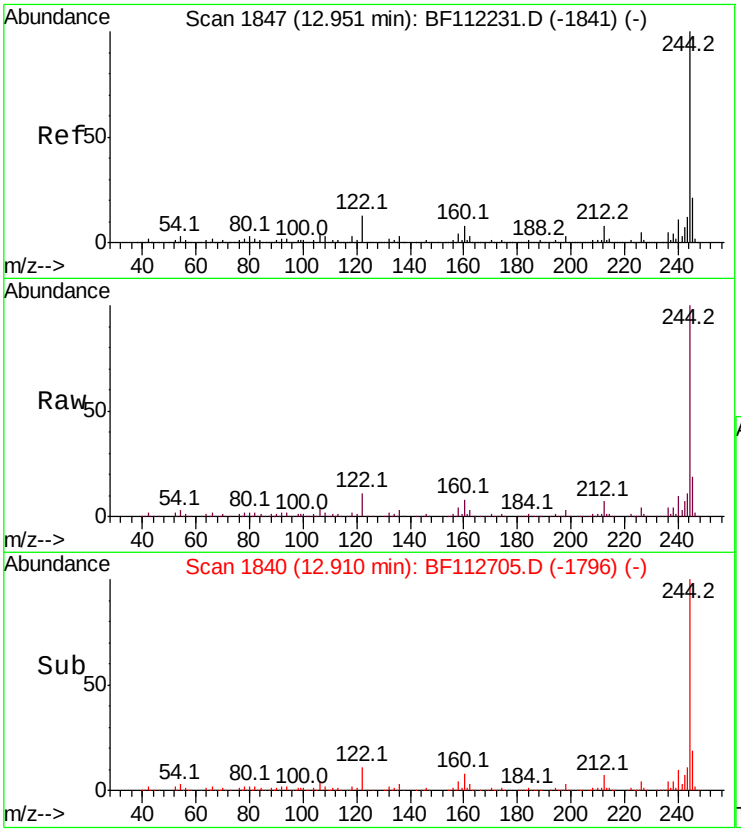


#77
Benzidine
Concen: 2.716 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.21 min
Lab File: BF112705.D
Acq: 25 Feb 2019 21:29

Tgt Ion:184 Resp: 6941

Ion	Ratio	Lower	Upper
184	100		
185	16.4	13.9	20.9
183	8.1	10.0	15.0#



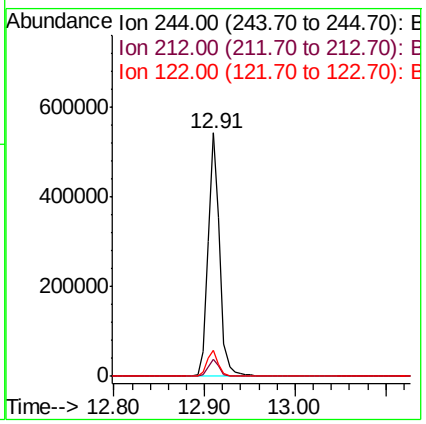


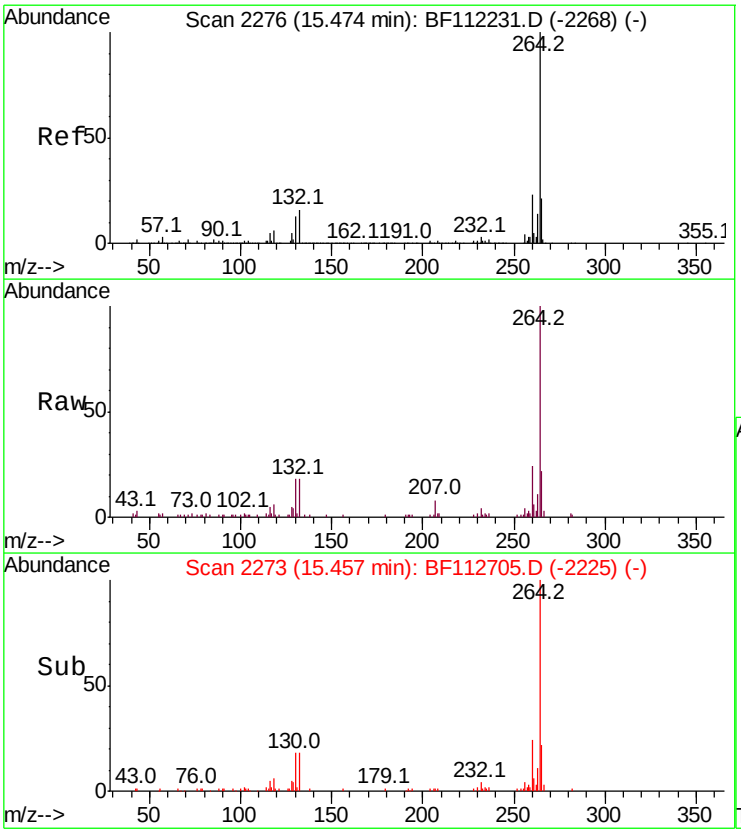
#79
Terphenyl-d14
Concen: 98.776 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.04 min
Lab File: BF112705.D
Acq: 25 Feb 2019 21:29

Instrument :
BNA_F
ClientSampleId :
COMP-13RE

Tgt Ion:244 Resp: 486997

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	10.9	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF112705.D
Acq: 25 Feb 2019 21:29

Tgt Ion:264 Resp: 72178

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.2
265	22.4	17.0	25.4