Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021919\
Data File : BF112626.D
Acq On : 19 Feb 2019 17:40
Operator : JU/SJ
Sample : K1515-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-13

Quant Time: Feb 19 23:37:20 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	83904	20.00	ng		-0.02
21) Naphthalene-d8	8.10	136	322748	20.00	ng		-0.02
39) Acenaphthene-d10	9.86	164	157717	20.00	ng		-0.03
64) Phenanthrene-d10	11.35	188	309611	20.00	ng		-0.02
76) Chrysene-d12	14.00	240	242803	20.00	ng		-0.01
87) Perylene-d12	15.47	264	210969	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	622393	157.56	ng		-0.02
7) Phenol-d6	6.47	99	774056	141.02	ng		-0.02
23) Nitrobenzene-d5	7.39	82	498517	89.00	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	255849	139.37	ng		-0.02
45) 2-Fluorobiphenyl	9.17	172	965173	86.55	ng		-0.03
79) Terphenyl-d14	12.93	244	997758	77.40	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.49	94	20537	3.410	ng		88
19) n-Nitroso-di-n-propylamine	7.39	70	68344	18.057	ng	#	76
25) Isophorone	7.39	82	498514	56.731	ng	#	63
50) Dimethylphthalate	9.57	163	57146	4.664	ng		96
51) 2,6-Dinitrotoluene	9.86	165	19976	7.279	ng	#	34
57) 2,4-Dinitrotoluene	9.86	165	19976	5.718	ng	#	32
67) 4-Bromophenyl-phenylether	10.66	248	15576	4.277	ng	#	1
77) Benzidine	12.93	184	14082	2.107	ng	#	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021919\
Data File : BF112626.D
Acq On : 19 Feb 2019 17:40
Operator : JU/SJ
Sample : K1515-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-13

Quant Time: Feb 19 23:37:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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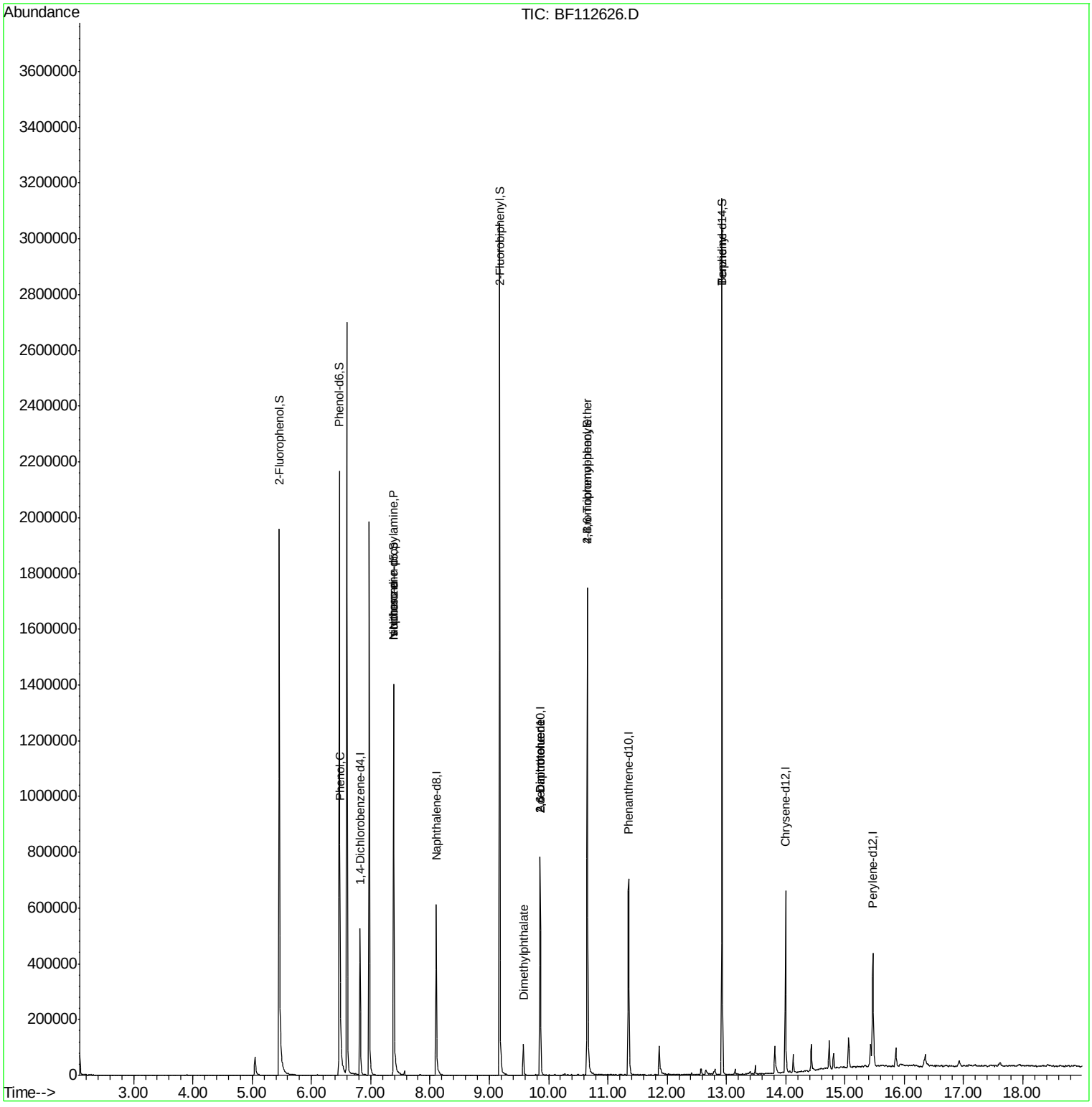
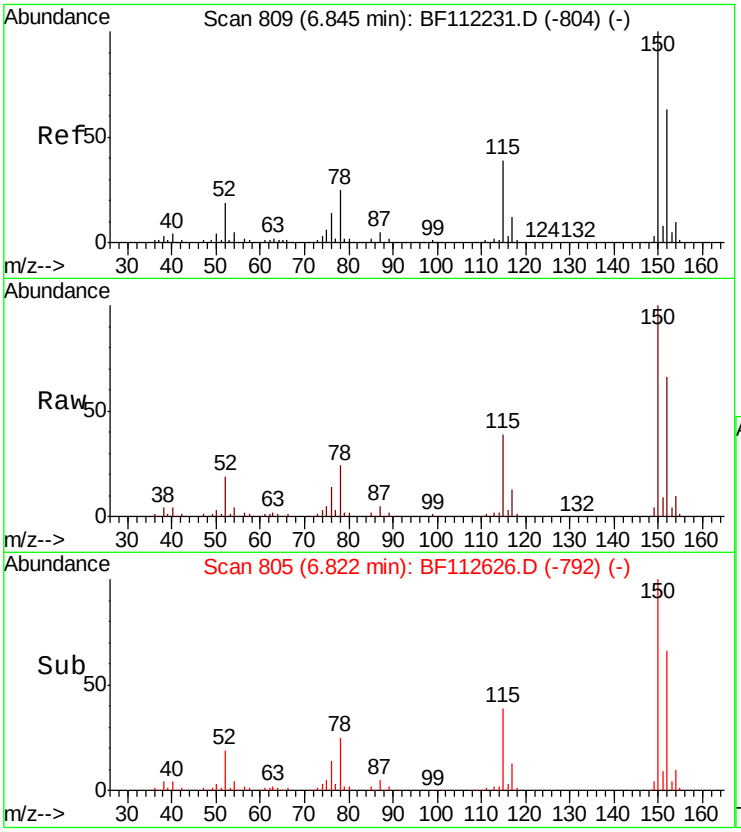


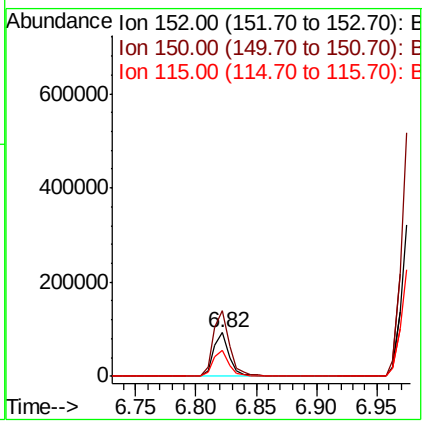


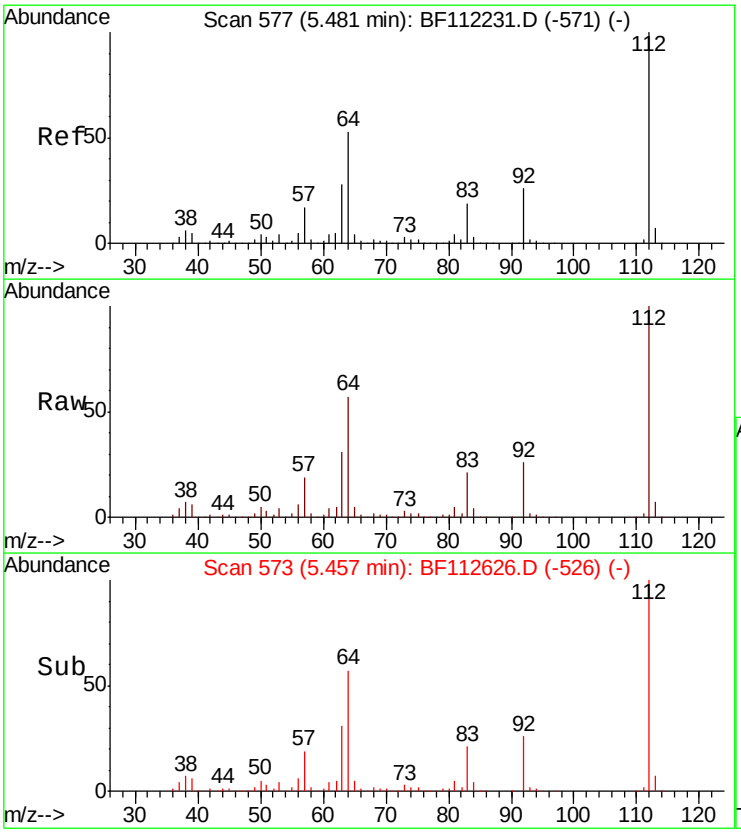
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112626.D
Acq: 19 Feb 2019 17:40

Instrument :
BNA_F
ClientSampleId :
TS-13

Tgt Ion:152 Resp: 83904

Ion	Ratio	Lower	Upper
152	100		
150	152.2	127.4	191.0
115	59.3	45.5	68.3

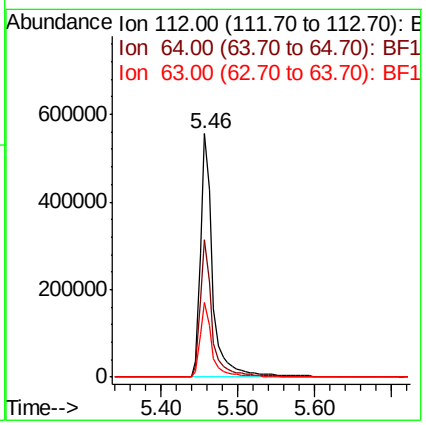


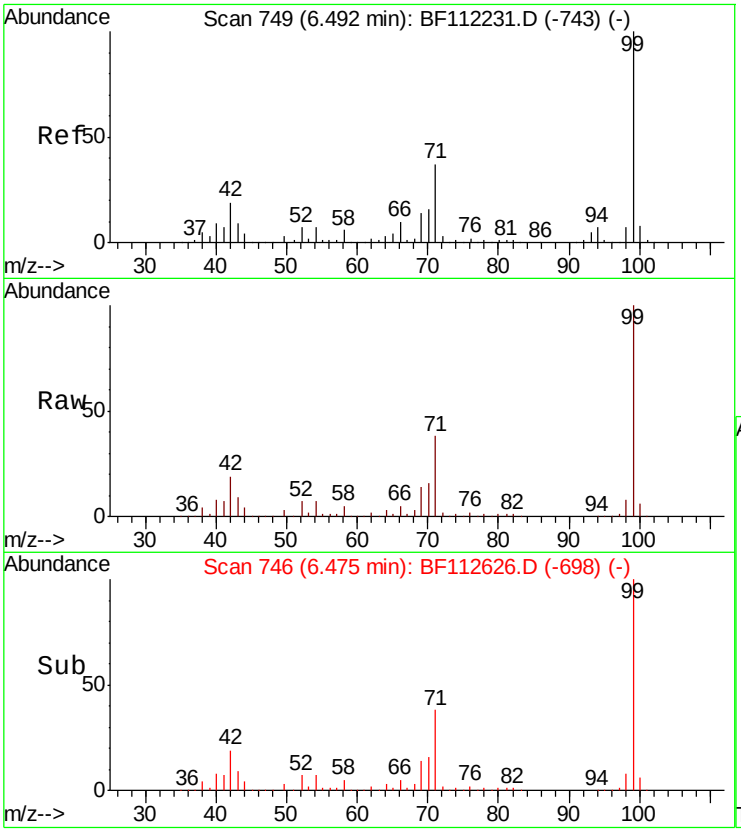


#5
2-Fluorophenol
Concen: 157.561 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF112626.D
Acq: 19 Feb 2019 17:40

Tgt Ion:112 Resp: 622393

Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.7	68.5
63	30.9	23.6	35.4



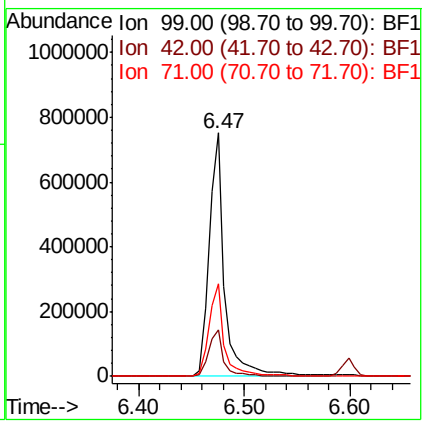


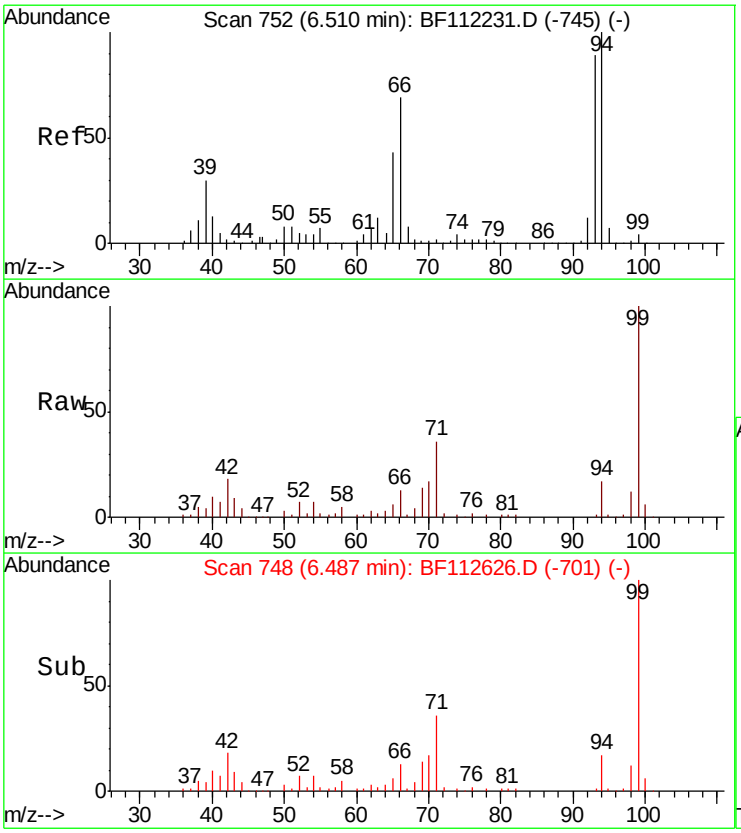
#7
Phenol-d6
Concen: 141.021 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF112626.D
Acq: 19 Feb 2019 17:40

Instrument :
BNA_F
ClientSampleId :
TS-13

Tgt Ion: 99 Resp: 774056

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.1	22.7
71	38.0	26.9	40.3

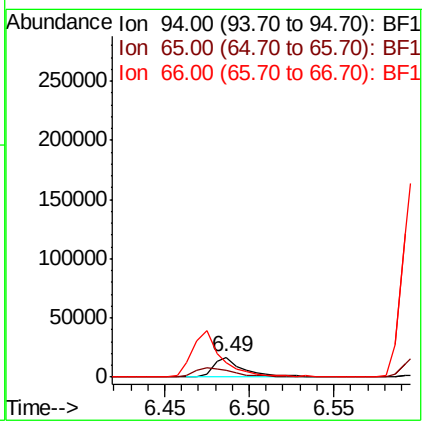


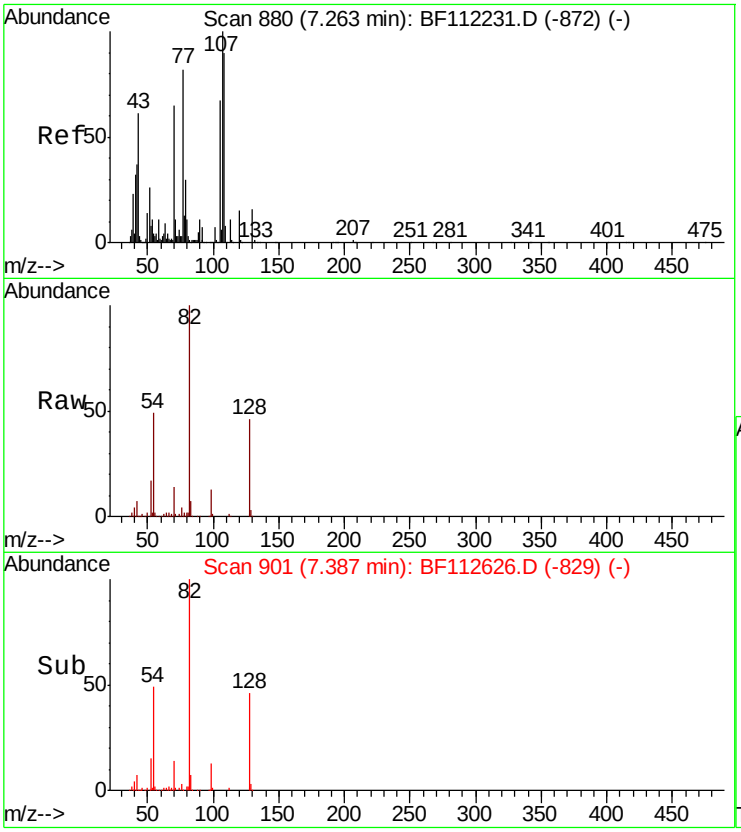


#10
Phenol
Concen: 3.410 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF112626.D
Acq: 19 Feb 2019 17:40

Tgt Ion: 94 Resp: 20537

Ion	Ratio	Lower	Upper
94	100		
65	34.5	20.3	60.3
66	72.9	42.4	82.4



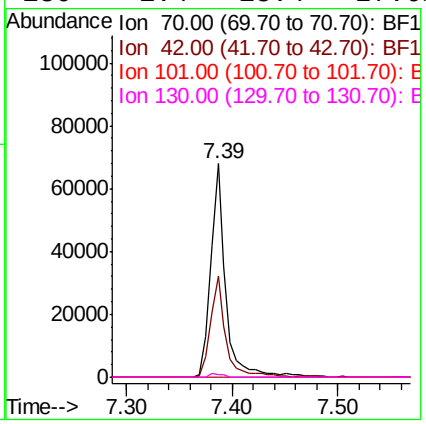


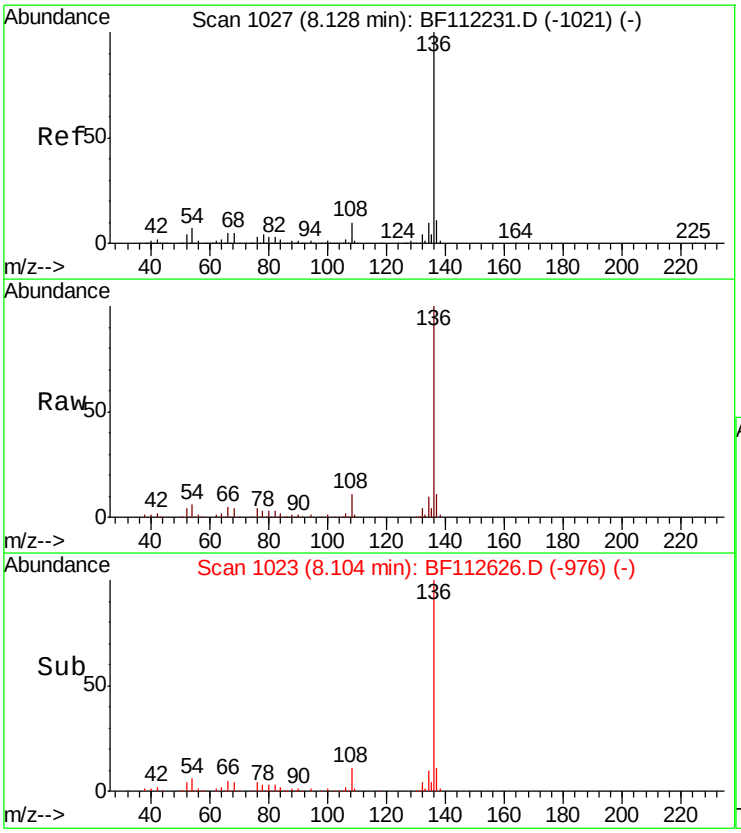
#19
n-Nitroso-di-n-propylamine
Concen: 18.057 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.12 min
Lab File: BF112626.D
Acq: 19 Feb 2019 17:40

Instrument :
BNA_F
ClientSampleId :
TS-13

Tgt Ion: 70 Resp: 68344

Ion	Ratio	Lower	Upper
70	100		
42	47.3	47.6	71.4#
101	0.0	7.9	11.9#
130	1.4	18.4	27.6#

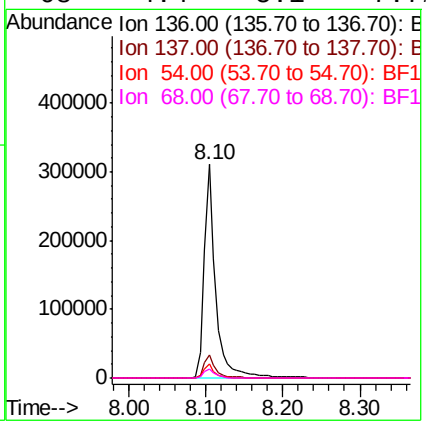


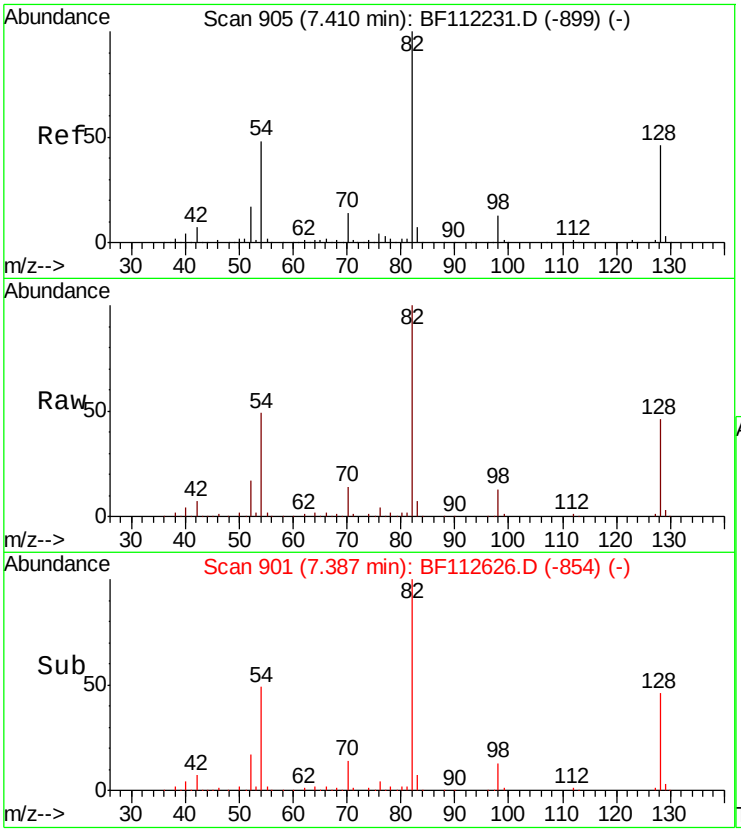


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112626.D
Acq: 19 Feb 2019 17:40

Tgt Ion:136 Resp: 322748

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.4	5.9	8.9
68	4.4	5.1	7.7#



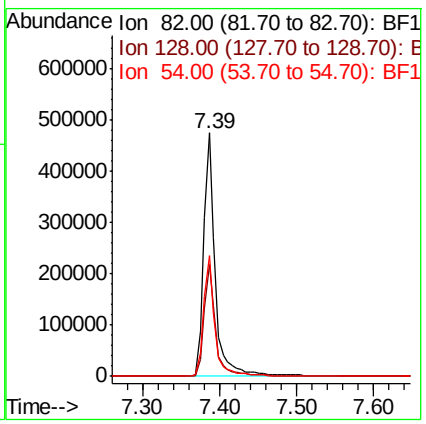


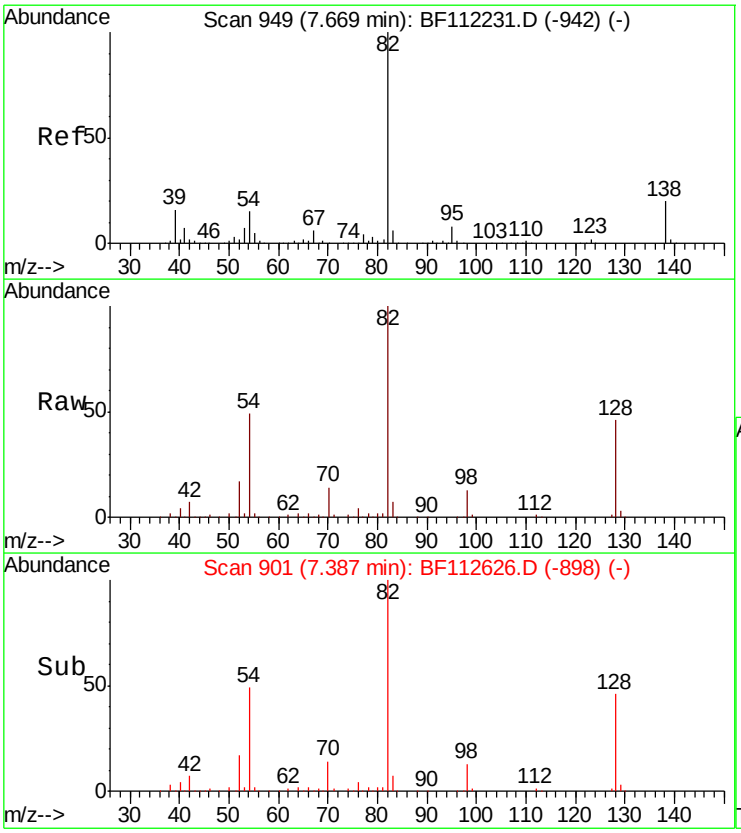
#23
Nitrobenzene-d5
Concen: 89.000 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112626.D
Acq: 19 Feb 2019 17:40

Instrument :
BNA_F
ClientSampleId :
TS-13

Tgt Ion: 82 Resp: 498517

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.8	56.8
54	49.5	39.7	59.5

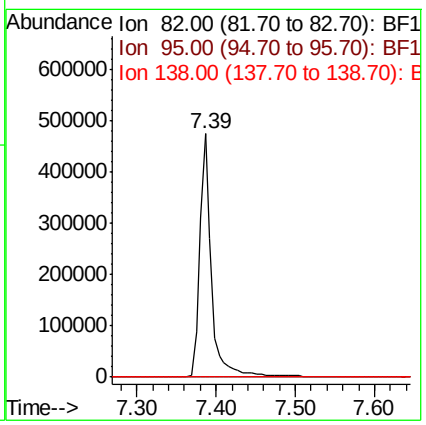


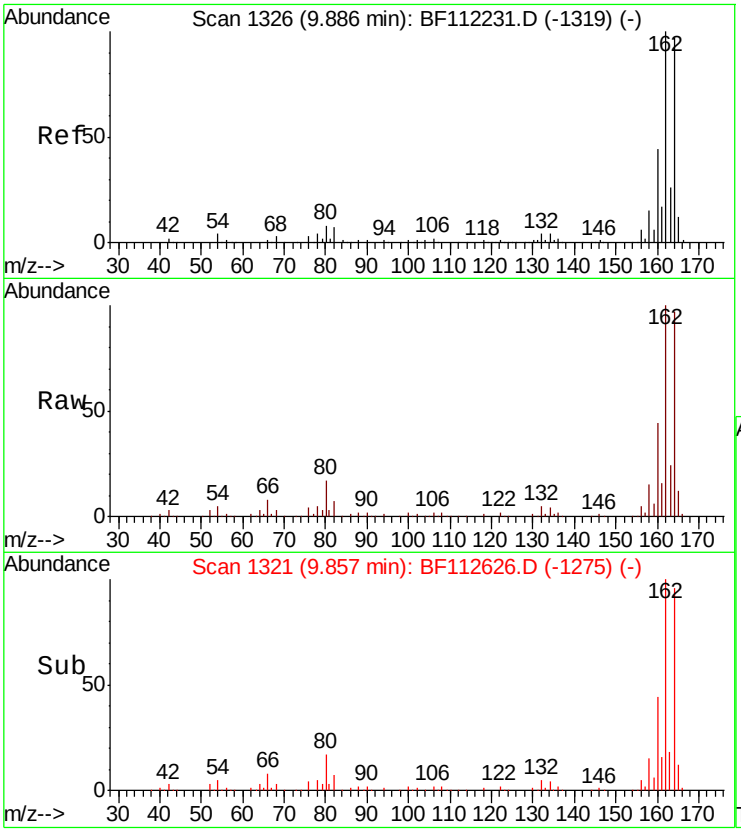


#25
Isophorone
Concen: 56.731 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.28 min
Lab File: BF112626.D
Acq: 19 Feb 2019 17:40

Tgt Ion: 82 Resp: 498514

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



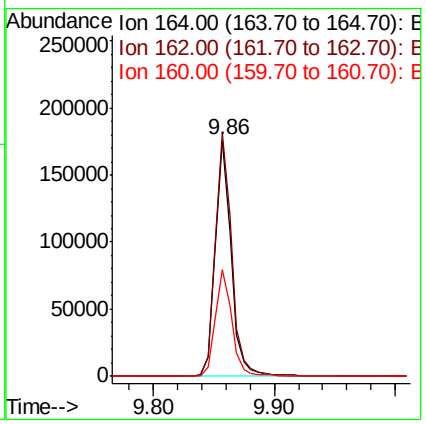


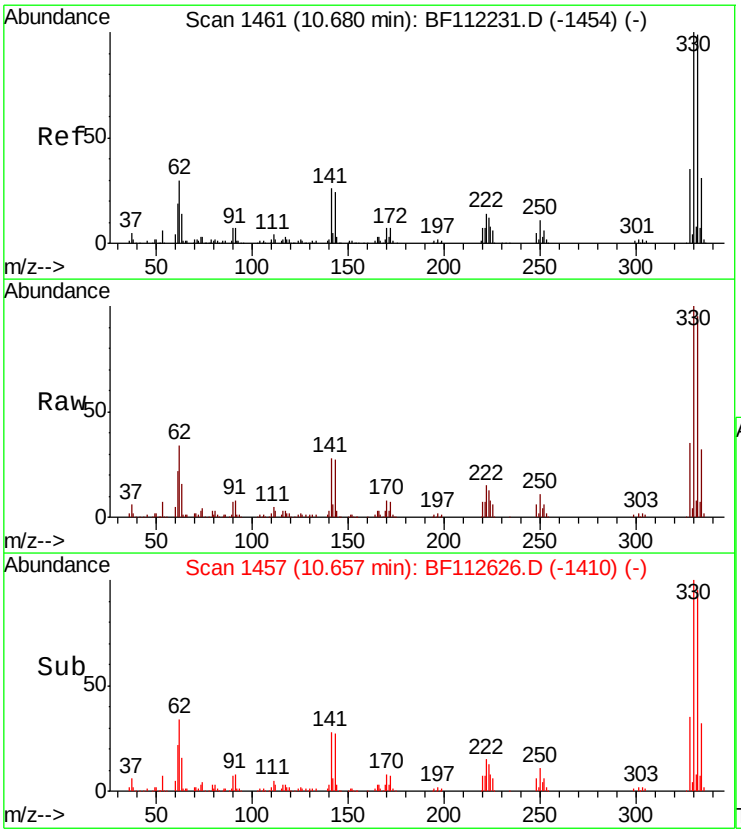
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF112626.D
Acq: 19 Feb 2019 17:40

Instrument :
BNA_F
ClientSampleId :
TS-13

Tgt Ion:164 Resp: 157717

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.2	123.4
160	45.0	36.2	54.4

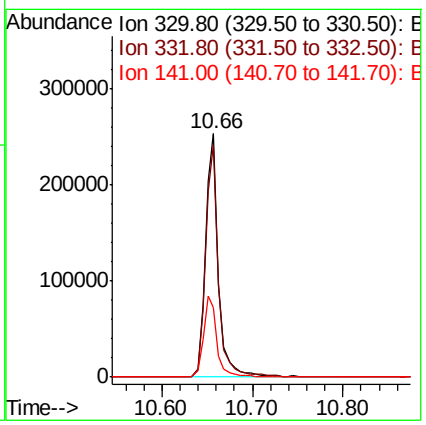


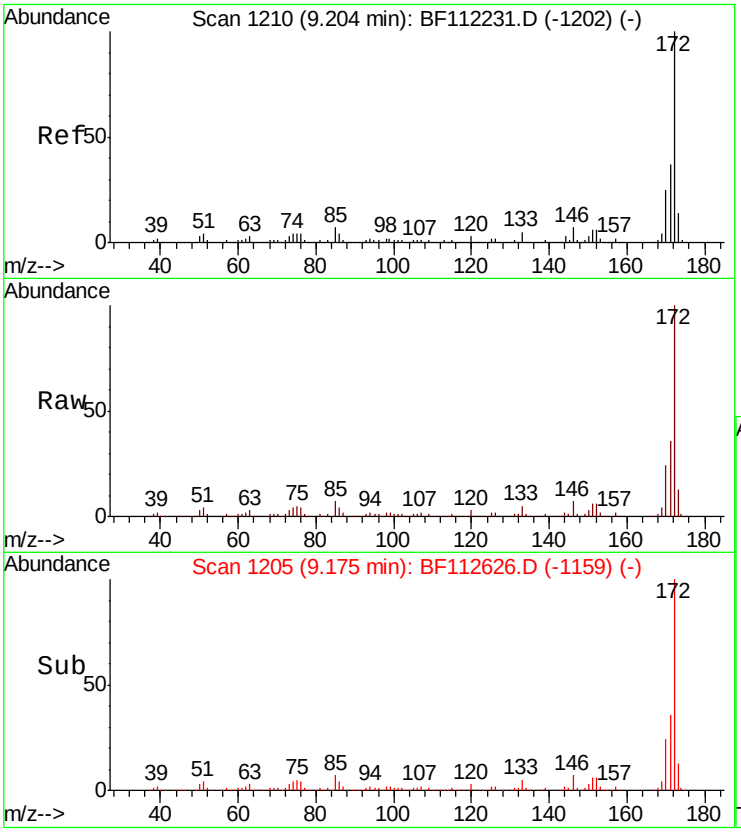


#42
2,4,6-Tribromophenol
Concen: 139.368 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112626.D
Acq: 19 Feb 2019 17:40

Tgt Ion:330 Resp: 255849

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	114.8
141	34.7	24.3	36.5



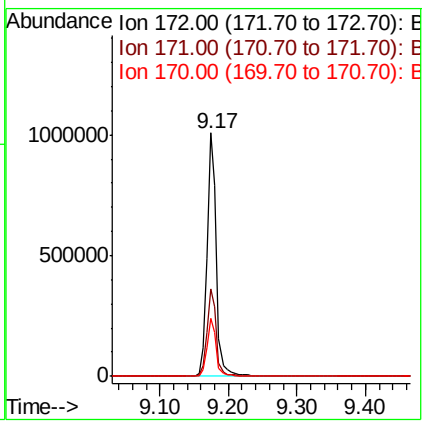


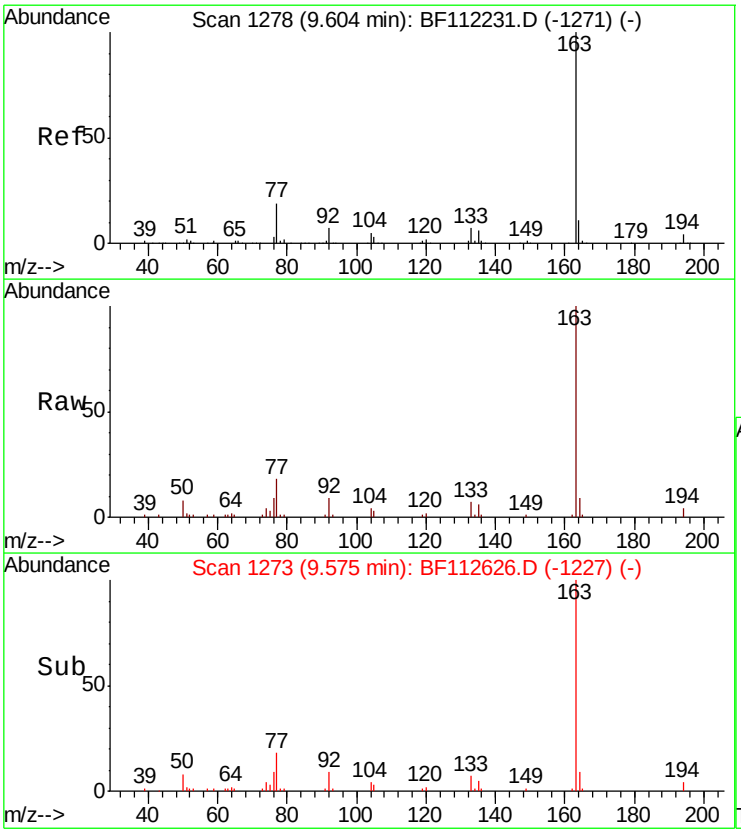
#45
2-Fluorobiphenyl
Concen: 86.552 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF112626.D
Acq: 19 Feb 2019 17:40

Instrument :
BNA_F
ClientSampleId :
TS-13

Tgt Ion:172 Resp: 965173

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.5	45.7
170	23.8	20.2	30.4

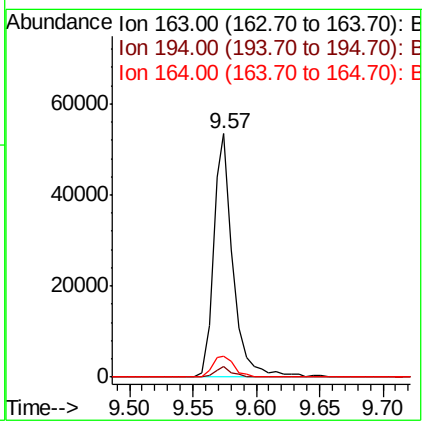


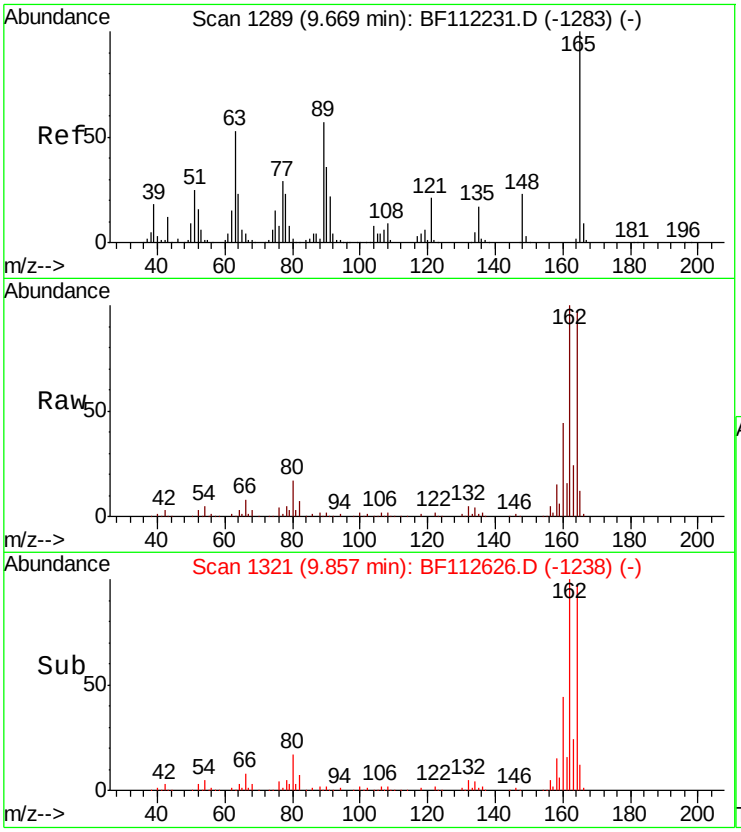


#50
Dimethylphthalate
Concen: 4.664 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF112626.D
Acq: 19 Feb 2019 17:40

Tgt Ion:163 Resp: 57146

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	8.6	8.5	12.7



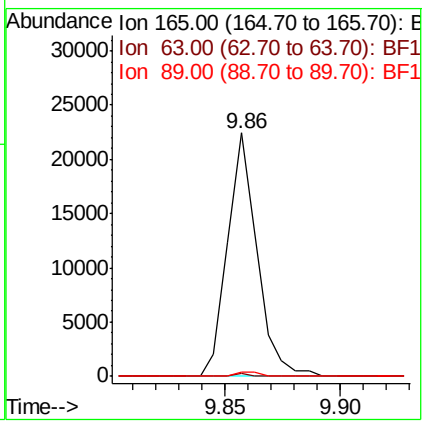


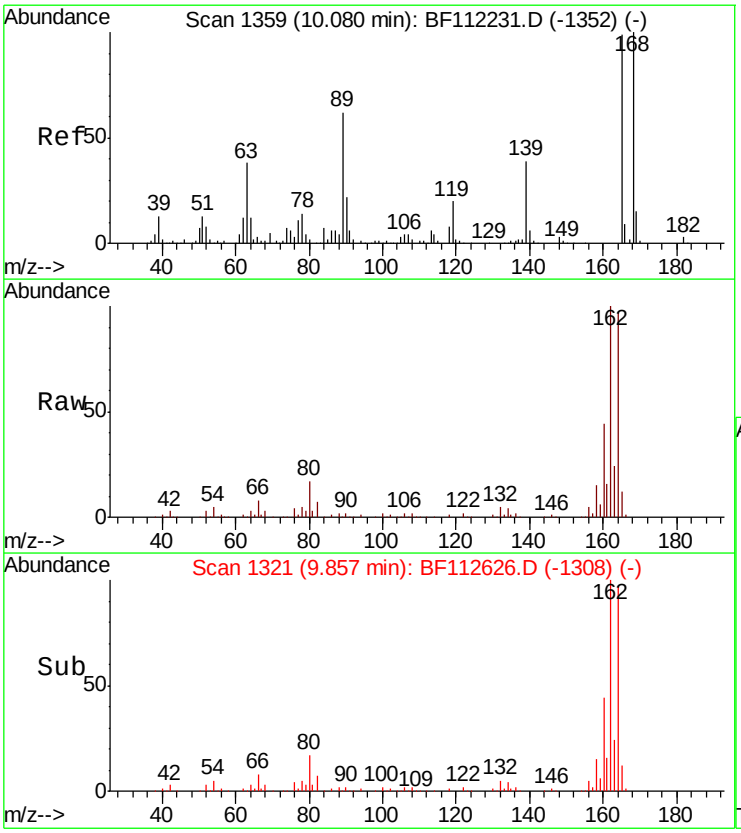
#51
2,6-Dinitrotoluene
Concen: 7.279 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.19 min
Lab File: BF112626.D
Acq: 19 Feb 2019 17:40

Instrument :
BNA_F
ClientSampleId :
TS-13

Tgt Ion:165 Resp: 19976

Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.8	50.8#
89	1.9	36.9	55.3#

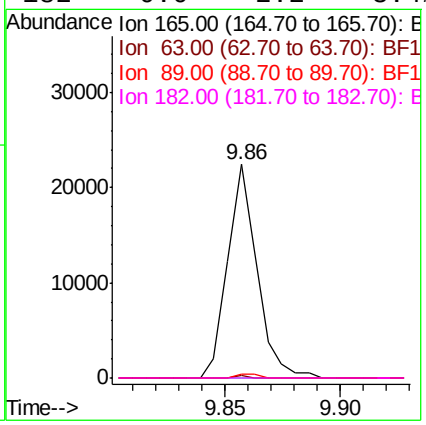


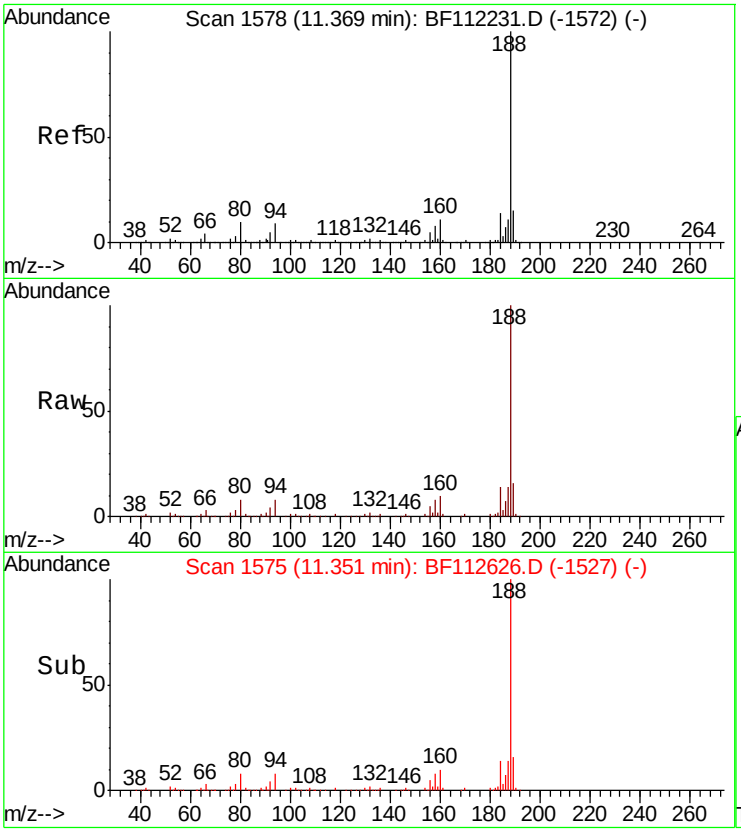


#57
2,4-Dinitrotoluene
Concen: 5.718 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.22 min
Lab File: BF112626.D
Acq: 19 Feb 2019 17:40

Tgt Ion:165 Resp: 19976

Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.9	41.9#
89	1.9	47.9	71.9#
182	0.0	2.2	3.4#



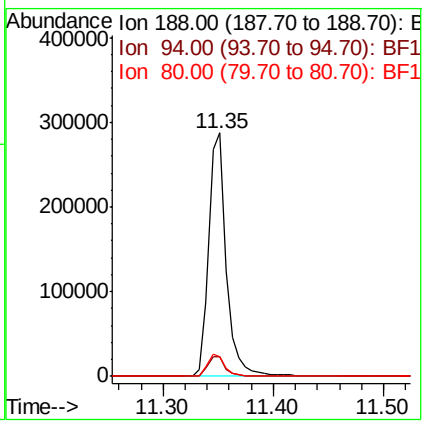


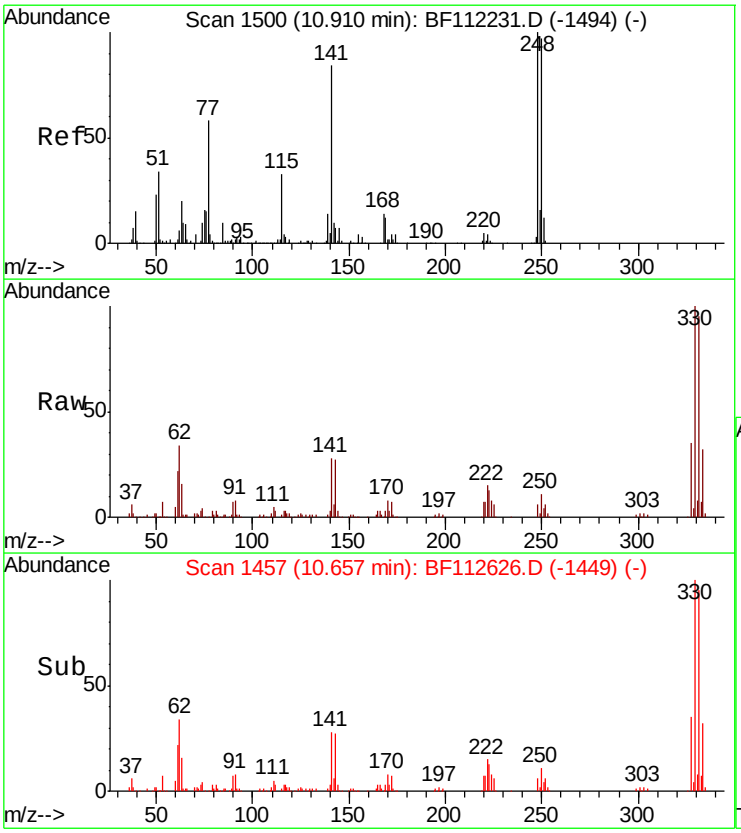
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112626.D
Acq: 19 Feb 2019 17:40

Instrument :
BNA_F
ClientSampleId :
TS-13

Tgt Ion:188 Resp: 309611

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.2	12.2#
80	8.2	8.9	13.3#

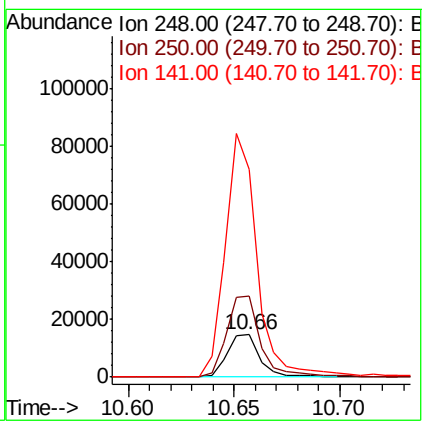


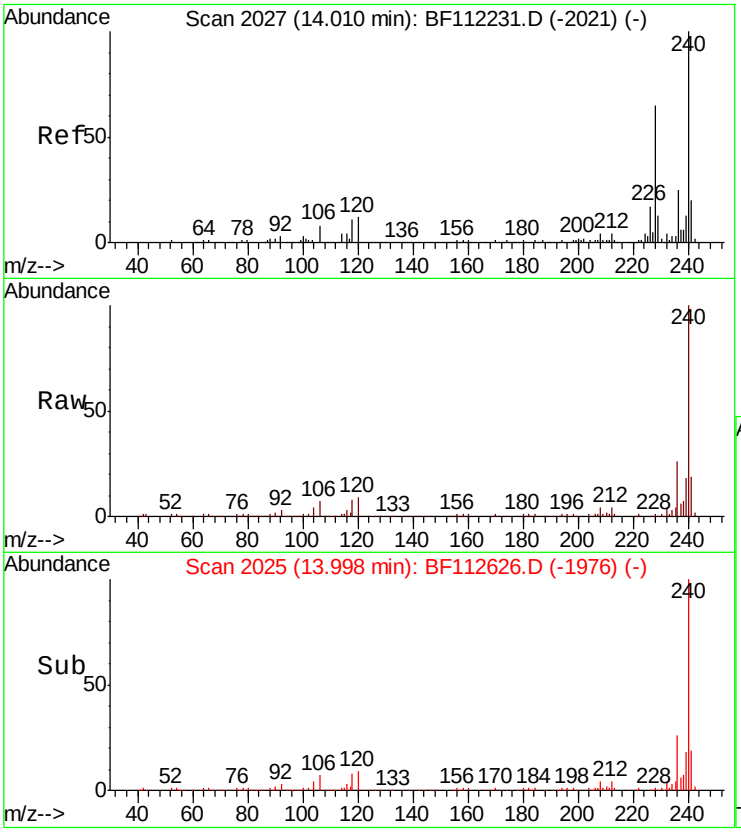


#67
4-Bromophenyl-phenylether
Concen: 4.277 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.25 min
Lab File: BF112626.D
Acq: 19 Feb 2019 17:40

Tgt Ion:248 Resp: 15576

Ion	Ratio	Lower	Upper
248	100		
250	191.9	79.7	119.5#
141	494.1	60.3	90.5#



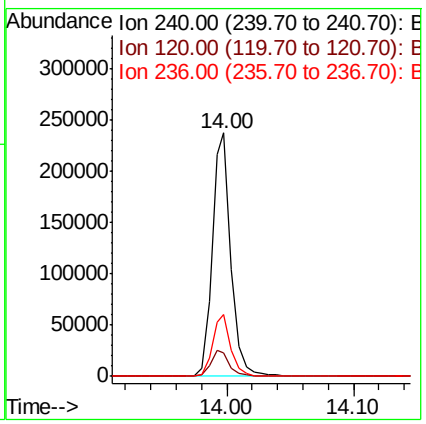


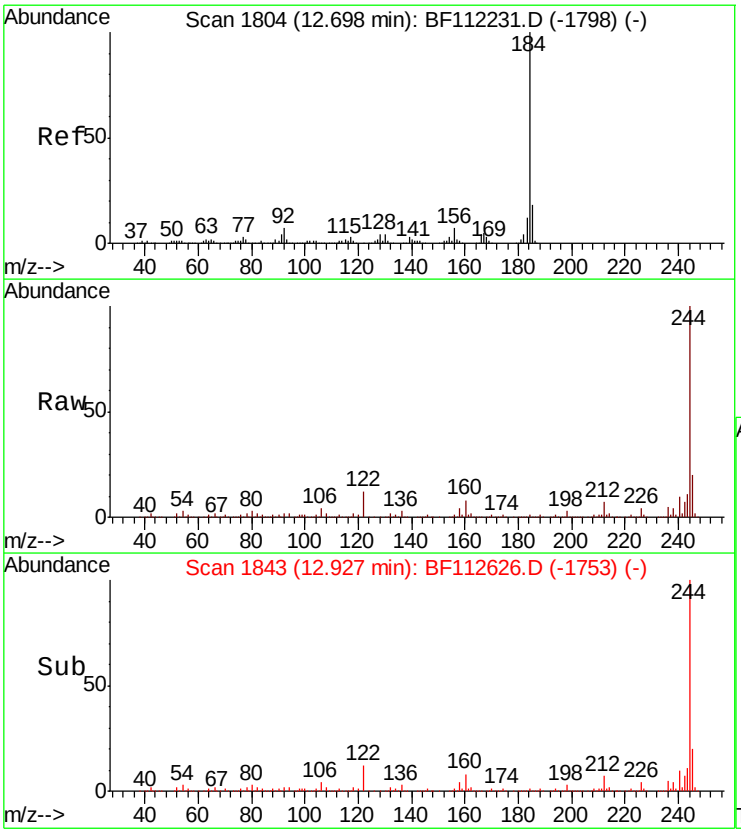
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112626.D
Acq: 19 Feb 2019 17:40

Instrument :
BNA_F
ClientSampleId :
TS-13

Tgt Ion:240 Resp: 242803

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.0	13.6
236	25.6	20.7	31.1

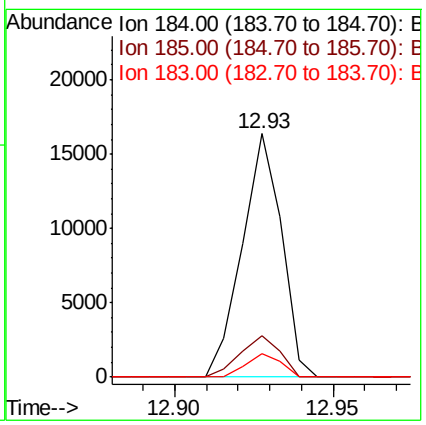


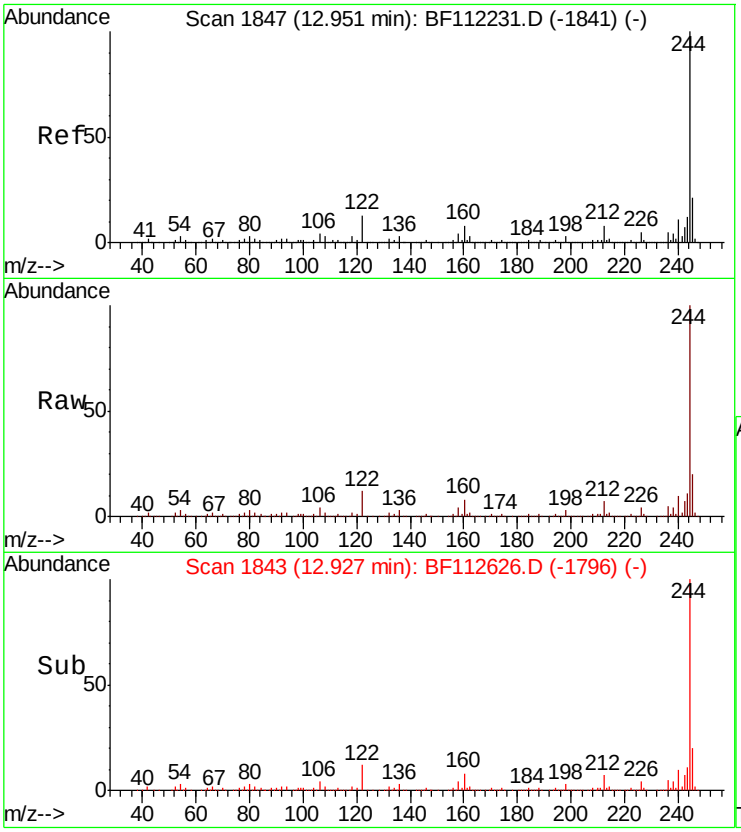


#77
Benzidine
Concen: 2.107 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.23 min
Lab File: BF112626.D
Acq: 19 Feb 2019 17:40

Tgt Ion:184 Resp: 14082

Ion	Ratio	Lower	Upper
184	100		
185	16.8	13.9	20.9
183	9.7	10.0	15.0#



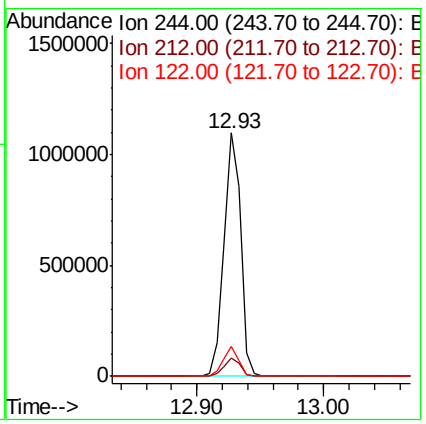


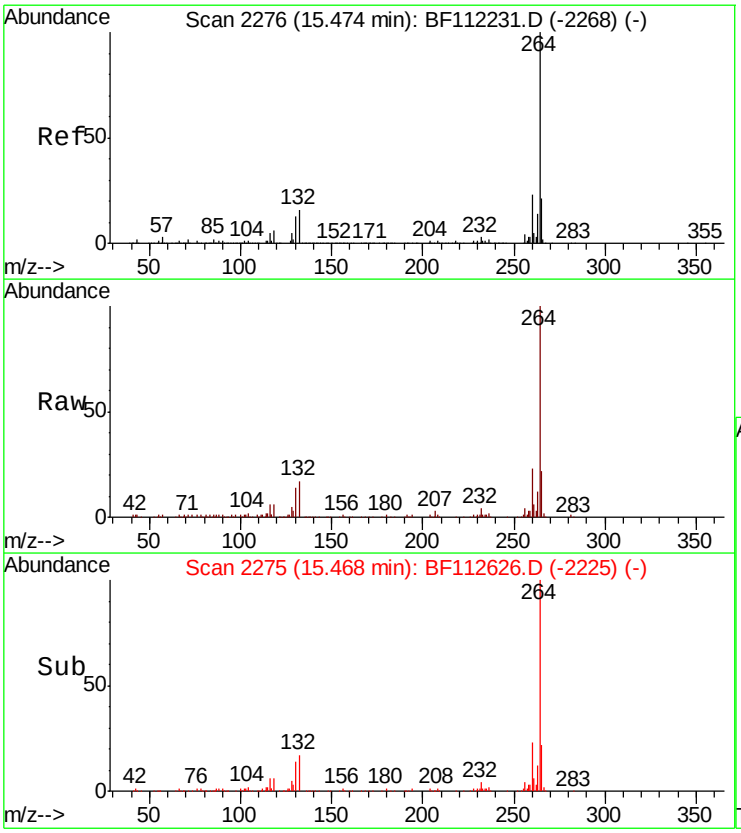
#79
Terphenyl-d14
Concen: 77.397 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BF112626.D
Acq: 19 Feb 2019 17:40

Instrument :
BNA_F
ClientSampleId :
TS-13

Tgt Ion:244 Resp: 997758

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	12.0	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112626.D
Acq: 19 Feb 2019 17:40

Tgt Ion:264 Resp: 210969

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	22.4	17.0	25.4