Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
Data File : BF112289.D
Acq On : 29 Jan 2019 11:27
Operator : JU/SJ
Sample : K1015-16RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 29 13:07:35 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	6.84	152	154505	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	600413	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	290287	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	539997	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	366585	20.00	ng	-0.01
87) Perylene-d12	15.46	264	332560	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	384438	52.85	ng	0.00
7) Phenol-d6	6.48	99	470030	46.50	ng	-0.01
23) Nitrobenzene-d5	7.39	82	385503	37.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	151784	44.92	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	836145	40.74	ng	-0.01
79) Terphenyl-d14	12.94	244	822336	42.25	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	50698	7.274	ng	# 78
25) Isophorone	7.39	82	385500	23.582	ng	# 64
51) 2,6-Dinitrotoluene	9.87	165	36883	7.302	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	36884	5.736	ng	# 32

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
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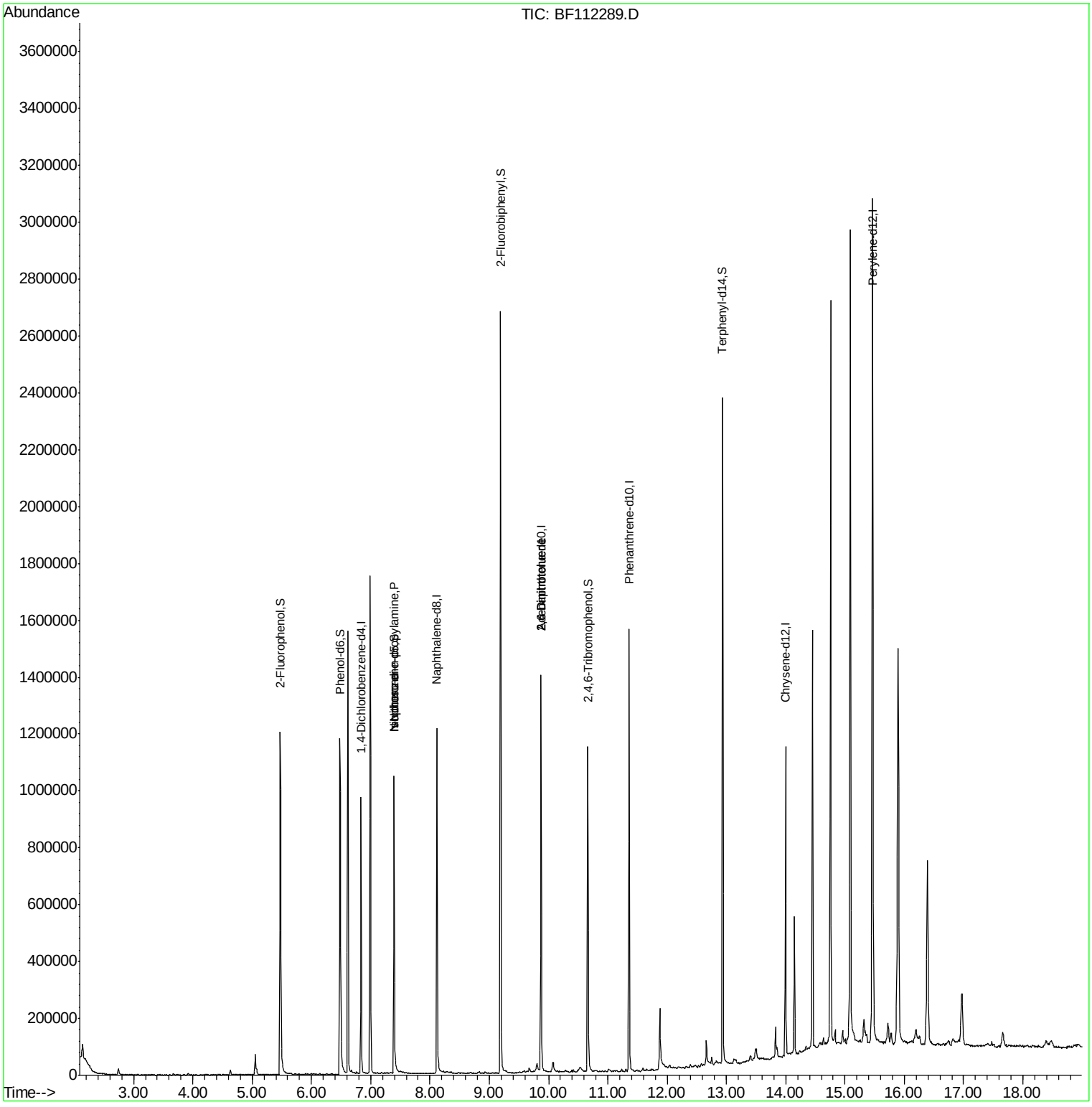
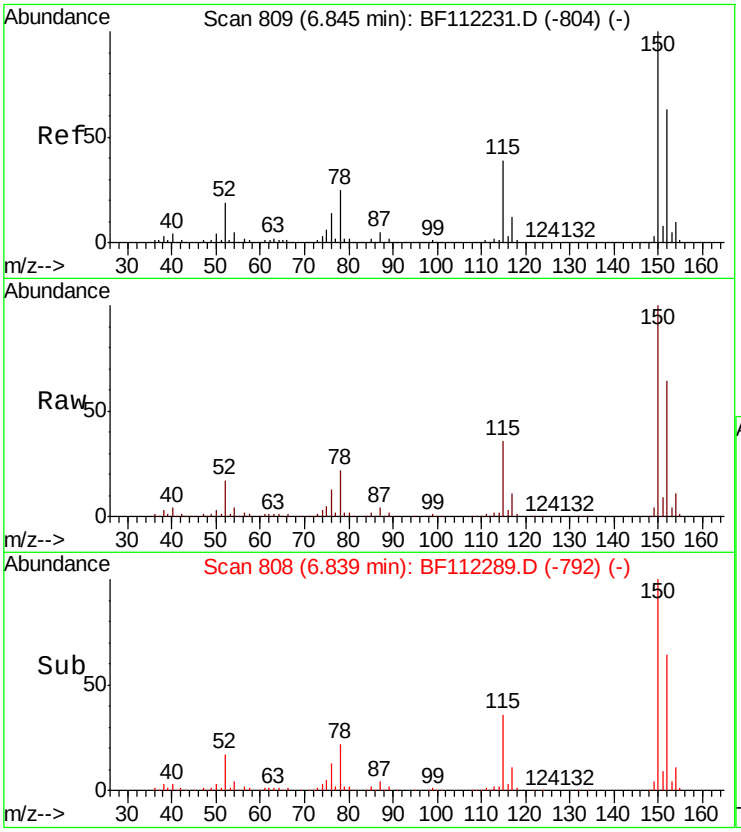


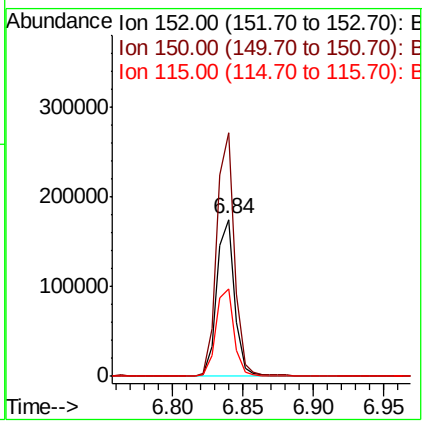


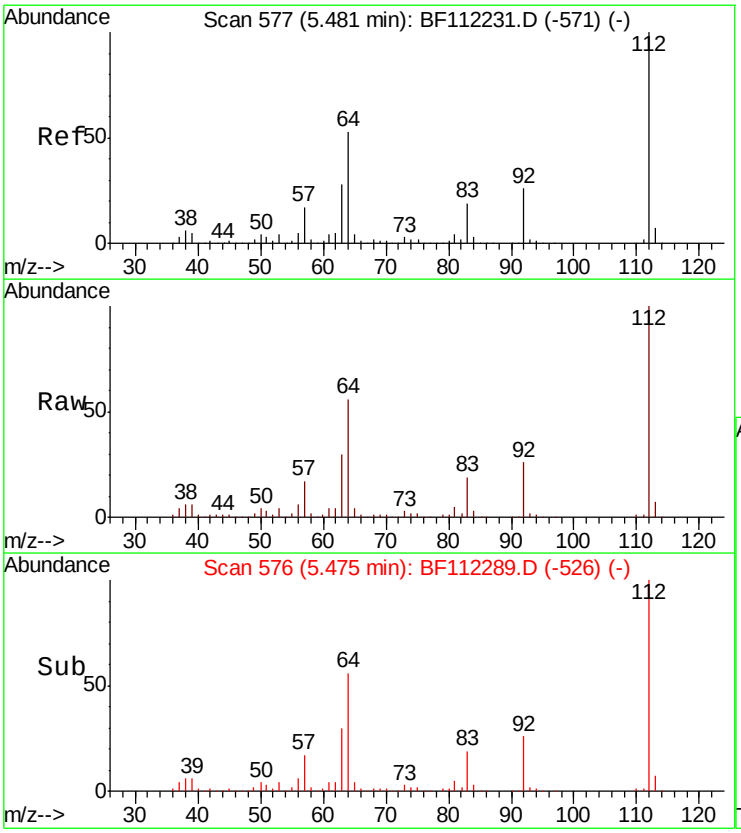
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112289.D
Acq: 29 Jan 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 154505

Ion	Ratio	Lower	Upper
152	100		
150	155.3	127.4	191.0
115	56.0	45.5	68.3

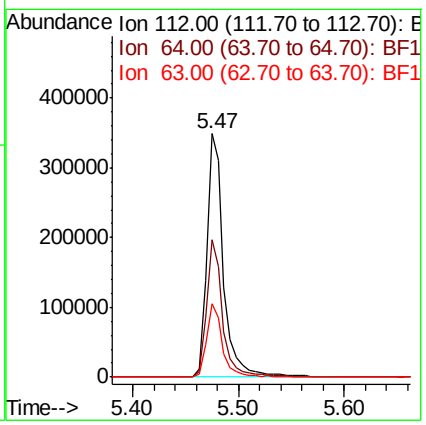


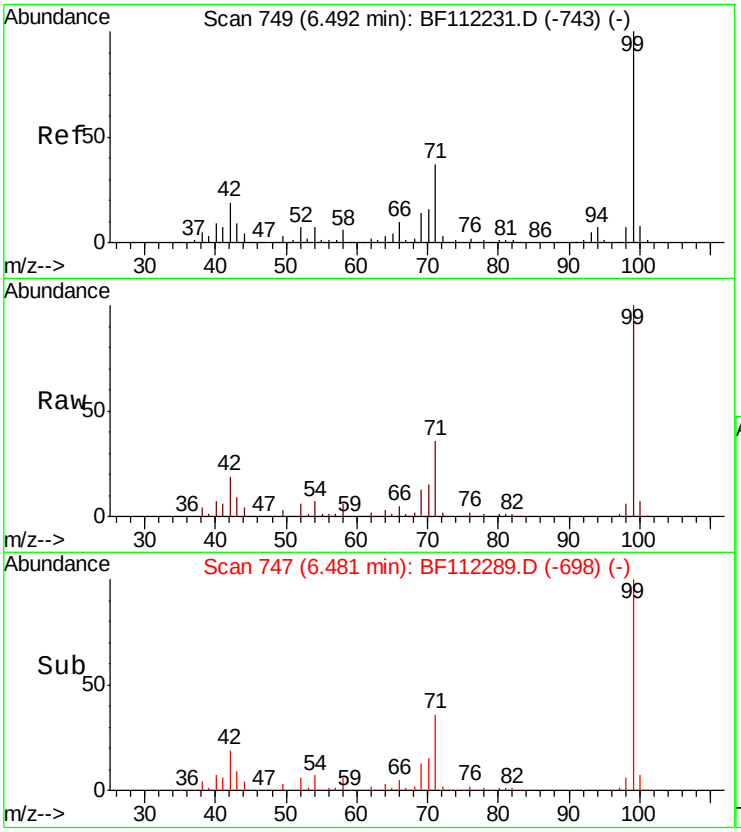


#5
2-Fluorophenol
Concen: 52.851 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112289.D
Acq: 29 Jan 2019 11:27

Tgt Ion:112 Resp: 384438

Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.7	68.5
63	30.2	23.6	35.4



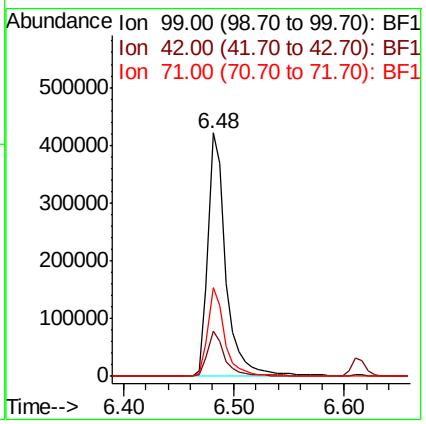


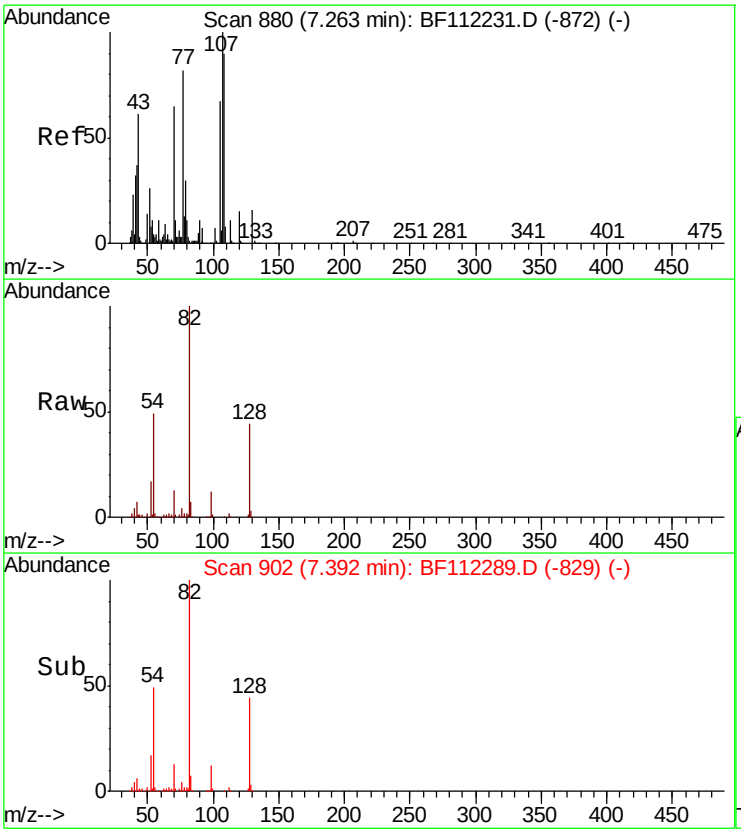
#7
Phenol-d6
Concen: 46.503 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF112289.D
Acq: 29 Jan 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 470030

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.1	22.7
71	36.2	26.9	40.3

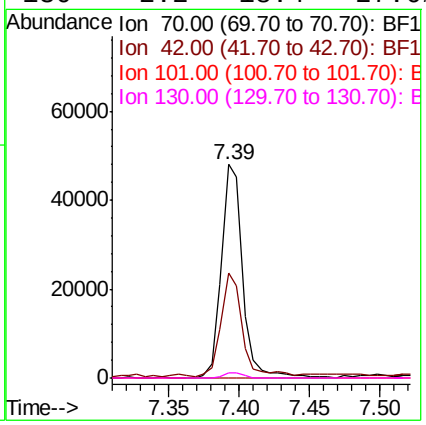


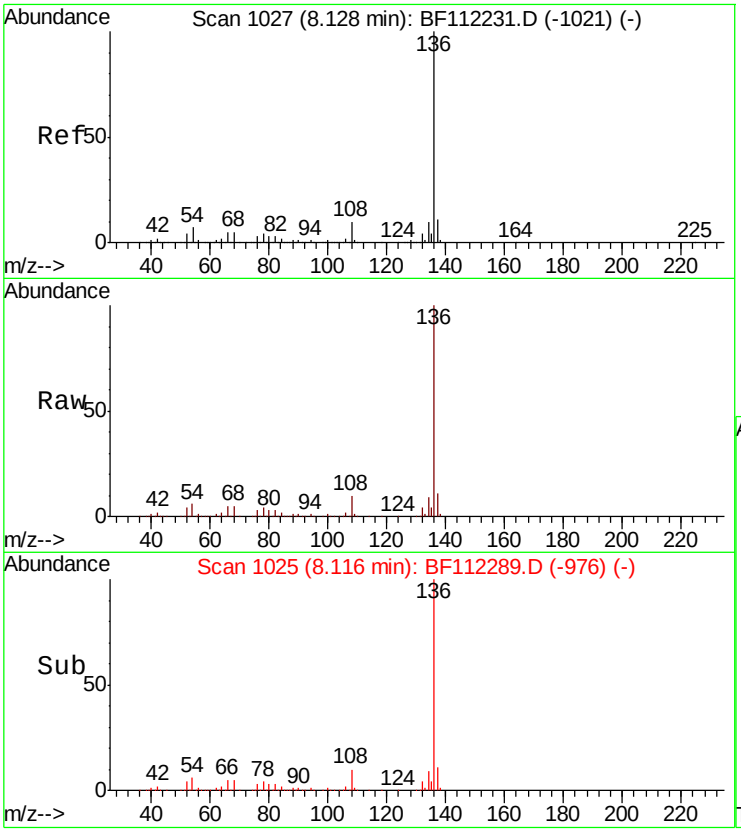


#19
n-Nitroso-di-n-propylamine
Concen: 7.274 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF112289.D
Acq: 29 Jan 2019 11:27

Tgt Ion: 70 Resp: 50698

Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.6	71.4
101	0.0	7.9	11.9#
130	2.2	18.4	27.6#



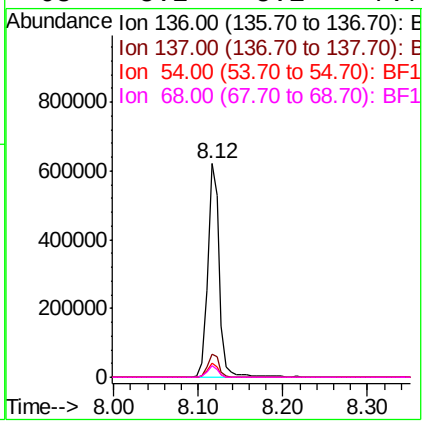


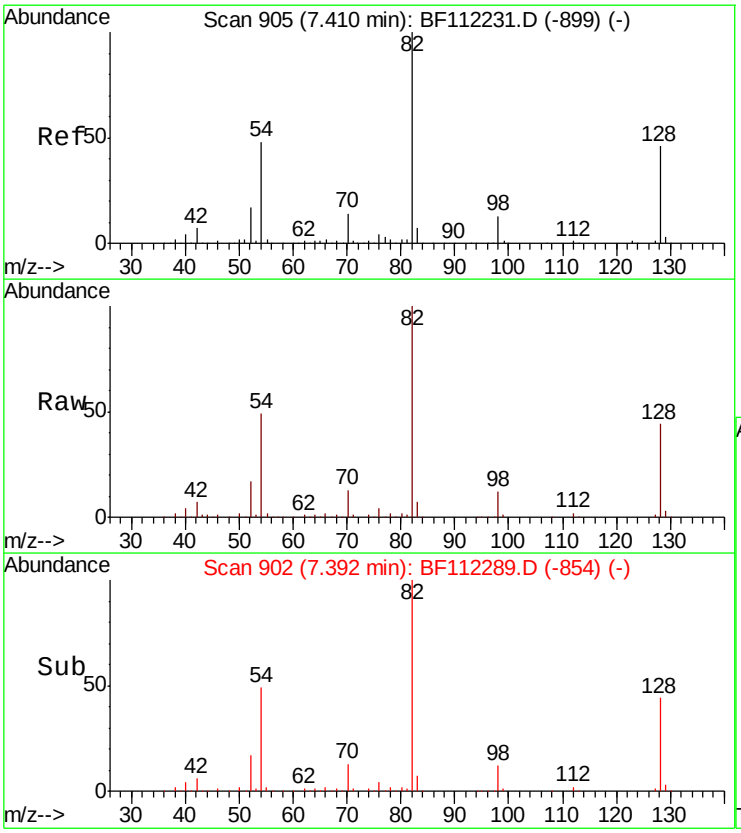
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112289.D
Acq: 29 Jan 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 600413

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.4	5.9	8.9
68	5.2	5.1	7.7

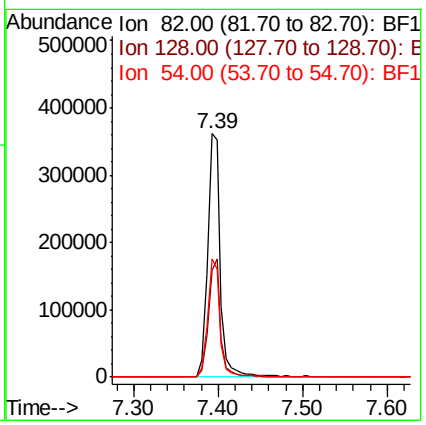


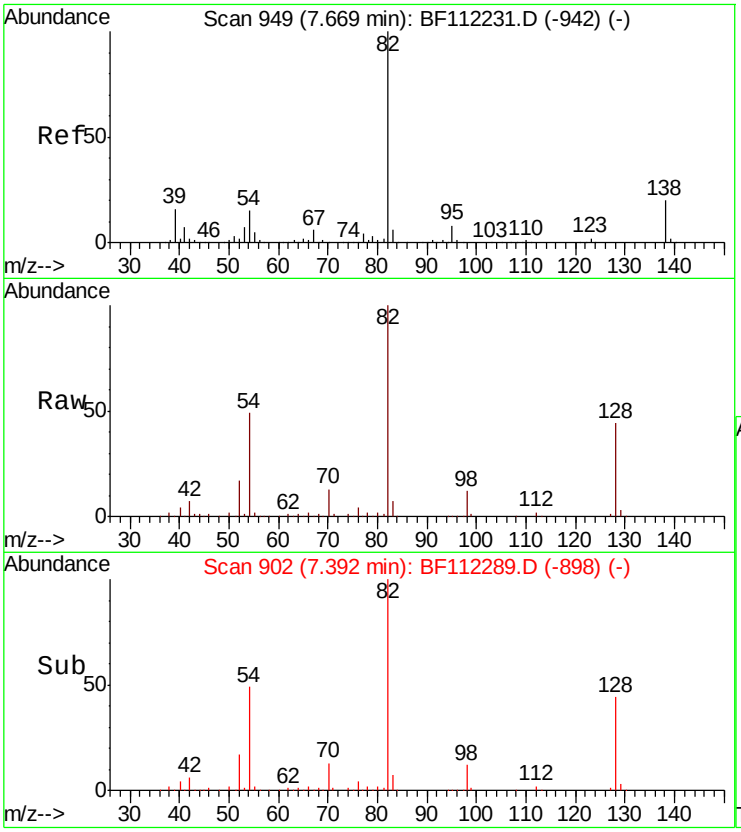


#23
Nitrobenzene-d5
Concen: 36.996 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112289.D
Acq: 29 Jan 2019 11:27

Tgt Ion: 82 Resp: 385503

Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.8	56.8
54	48.6	39.7	59.5



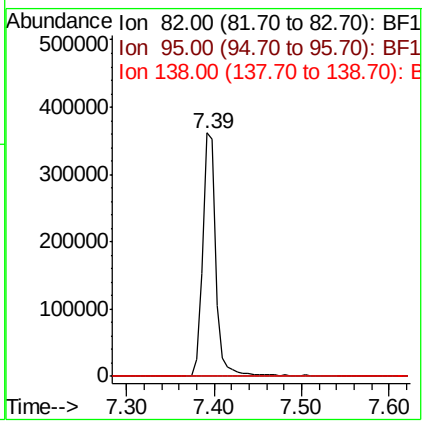


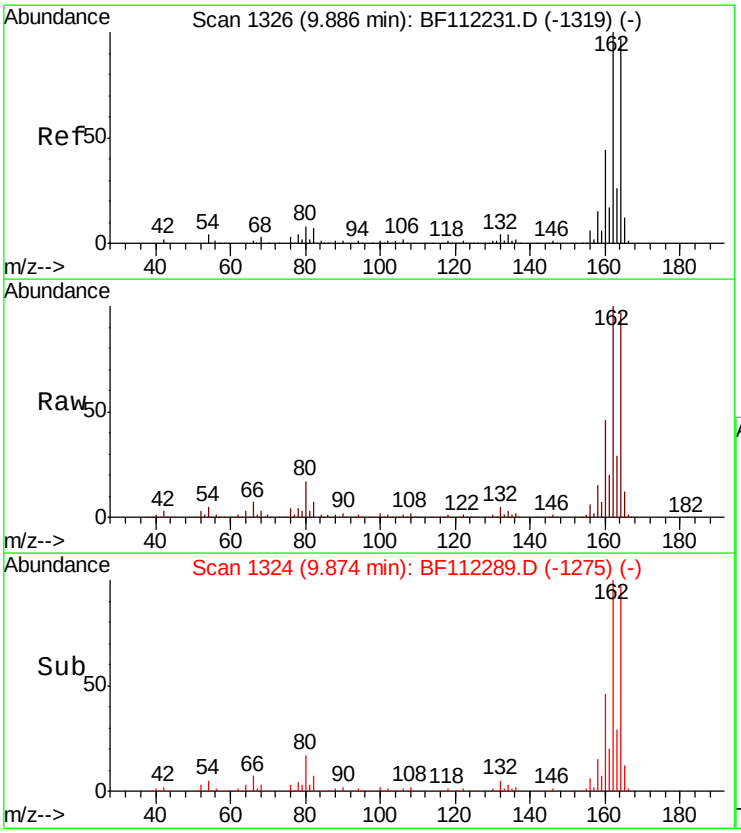
#25
Isophorone
Concen: 23.582 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF112289.D
Acq: 29 Jan 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 385500

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	15.4	23.0#

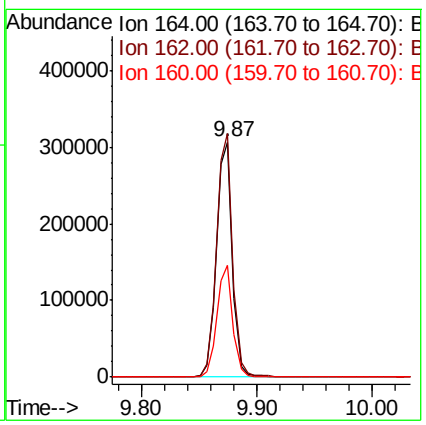


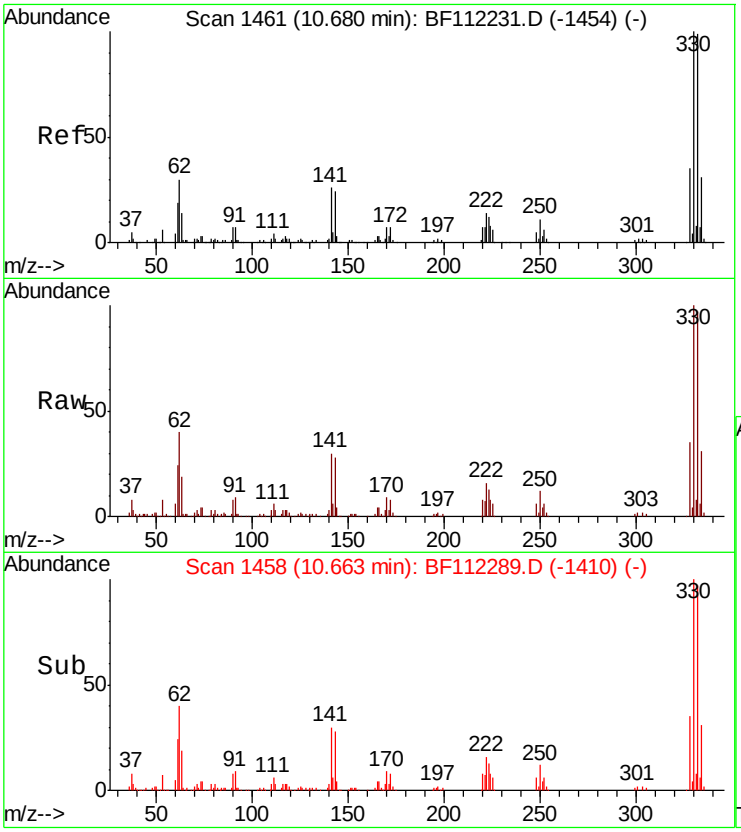


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112289.D
Acq: 29 Jan 2019 11:27

Tgt Ion:164 Resp: 290287

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.2	123.4
160	47.7	36.2	54.4



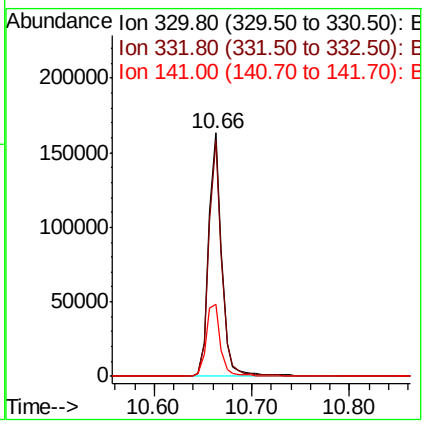


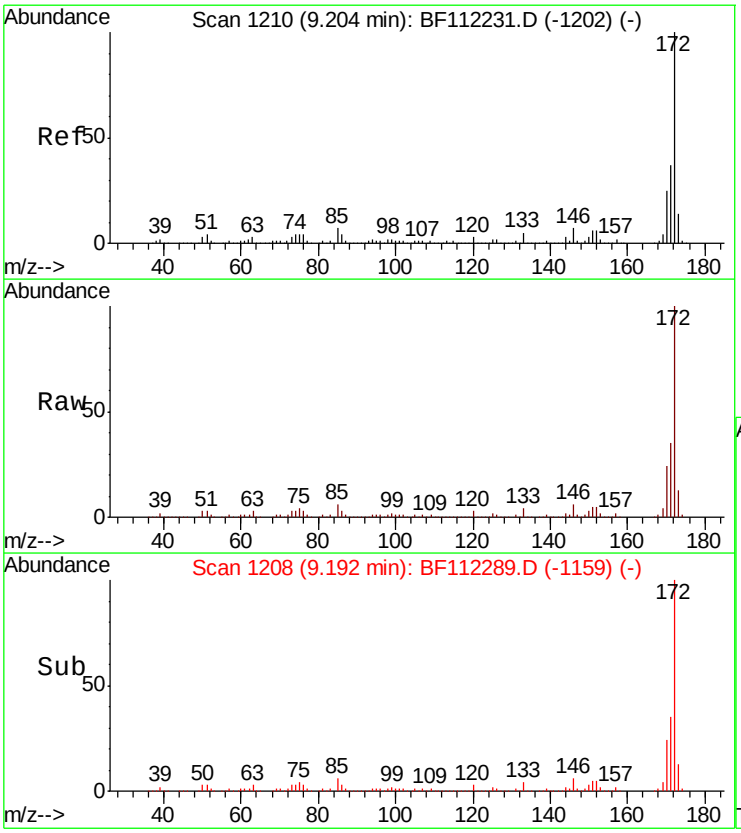
#42
2,4,6-Tribromophenol
Concen: 44.922 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112289.D
Acq: 29 Jan 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 151784

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	32.3	24.3	36.5

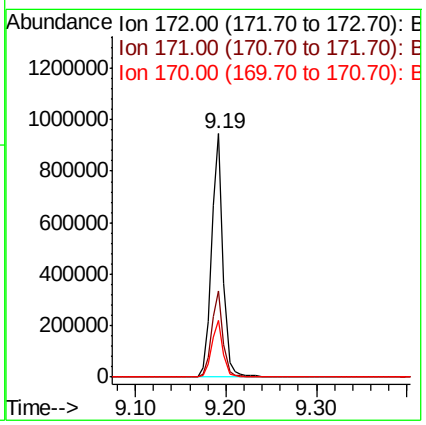


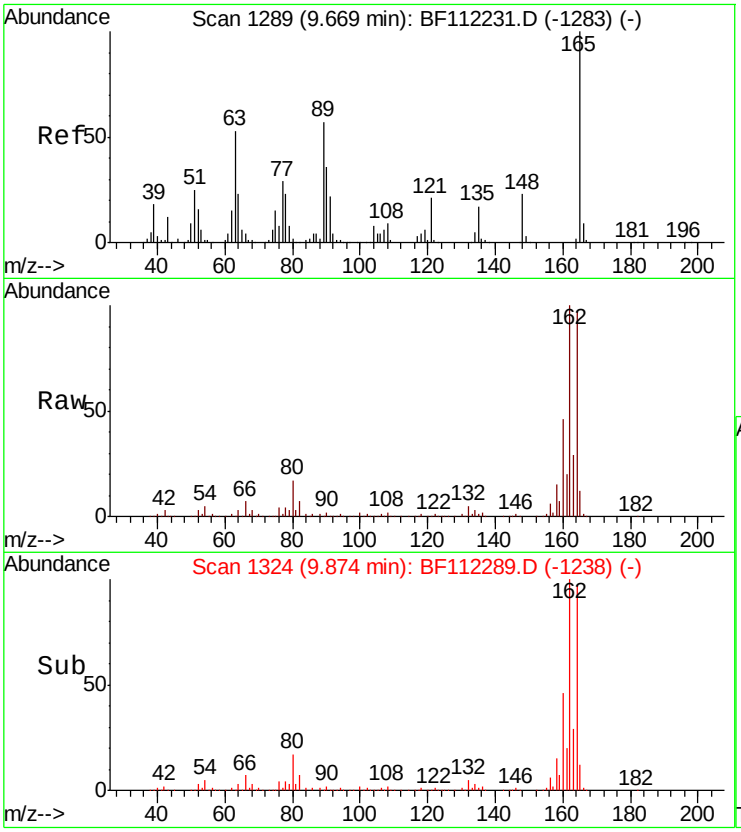


#45
2-Fluorobiphenyl
Concen: 40.739 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112289.D
Acq: 29 Jan 2019 11:27

Tgt Ion:172 Resp: 836145

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.5	45.7
170	23.5	20.2	30.4



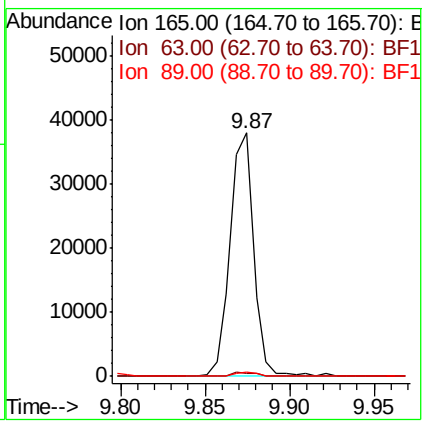


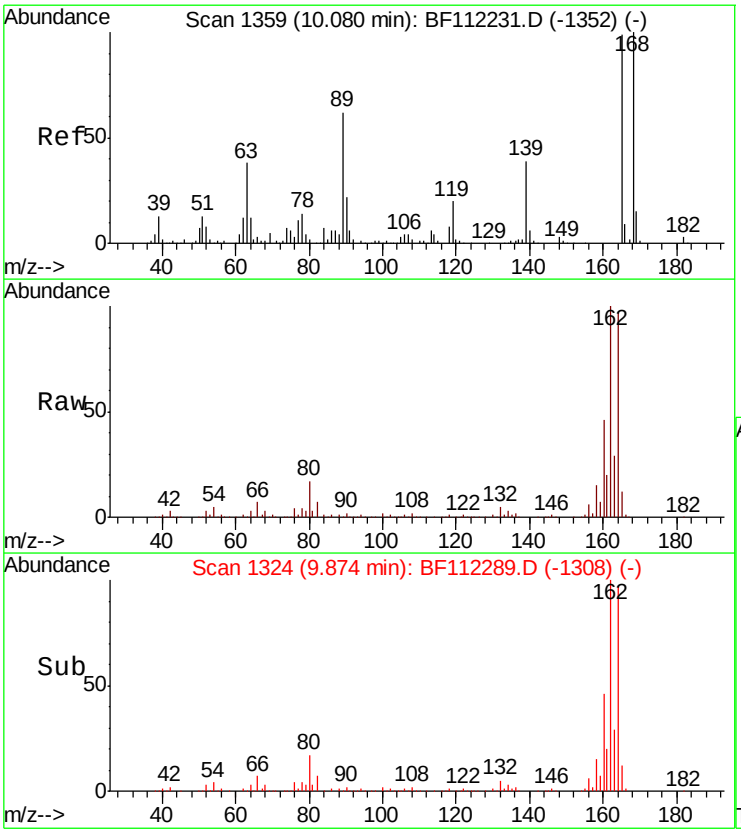
#51
2,6-Dinitrotoluene
Concen: 7.302 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF112289.D
Acq: 29 Jan 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 36883

Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.8	50.8#
89	2.0	36.9	55.3#

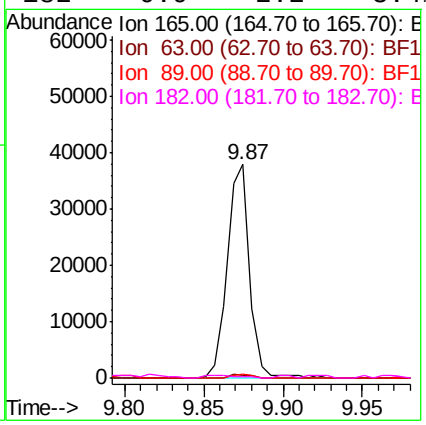


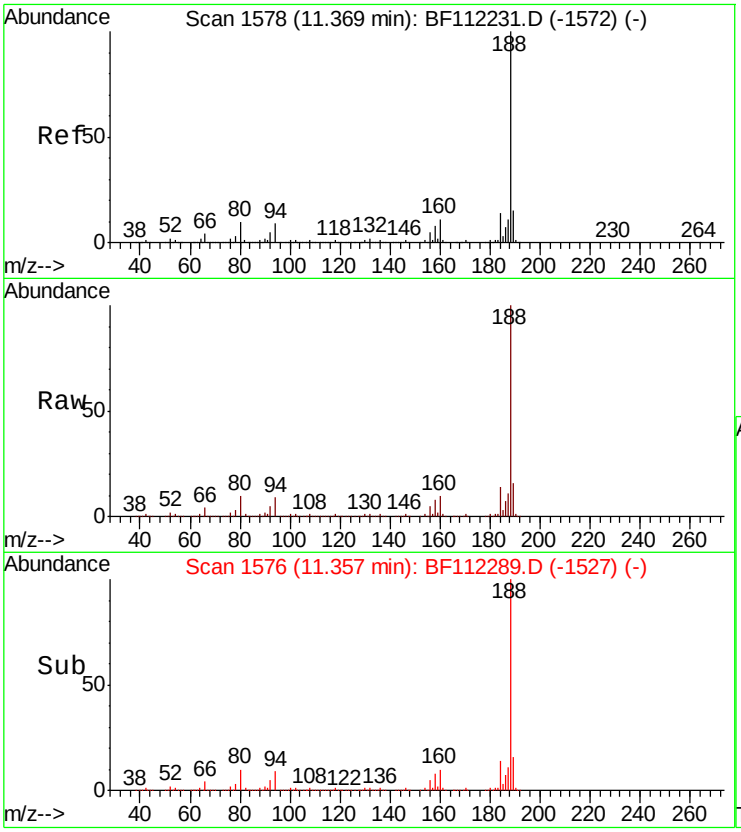


#57
2,4-Dinitrotoluene
Concen: 5.736 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF112289.D
Acq: 29 Jan 2019 11:27

Tgt Ion:165 Resp: 36884

Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.9	41.9#
89	2.0	47.9	71.9#
182	0.9	2.2	3.4#



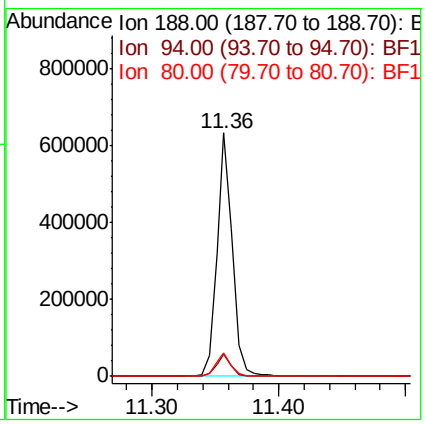


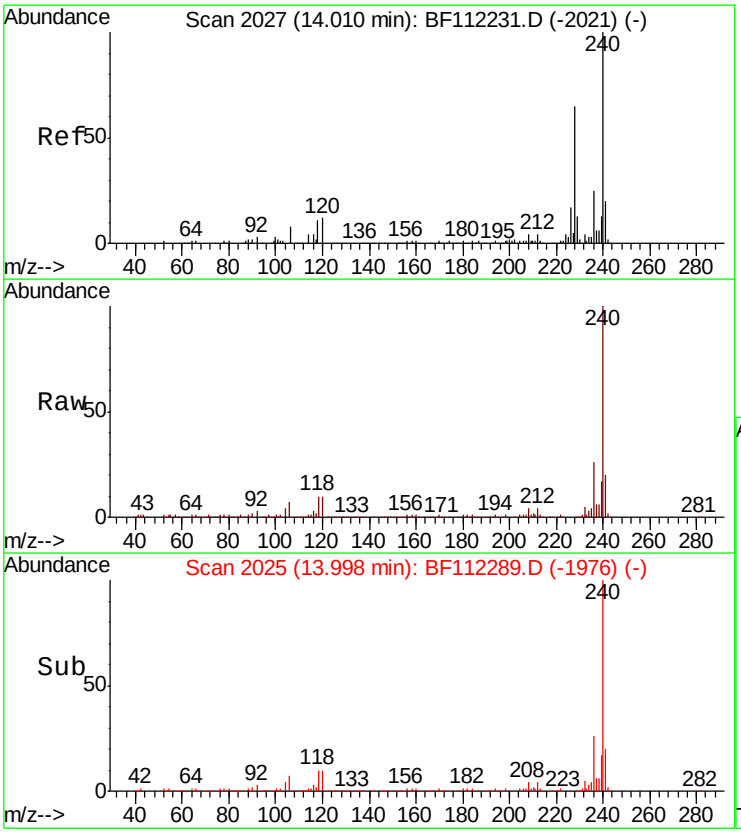
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112289.D
Acq: 29 Jan 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 539997

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.2
80	9.8	8.9	13.3

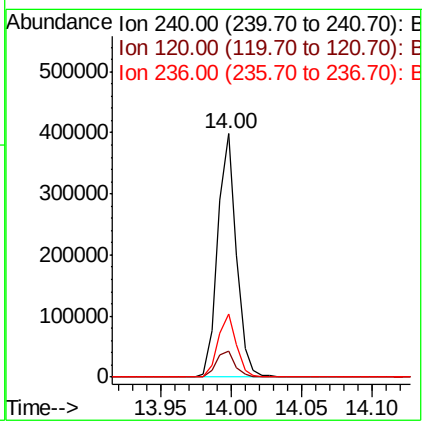


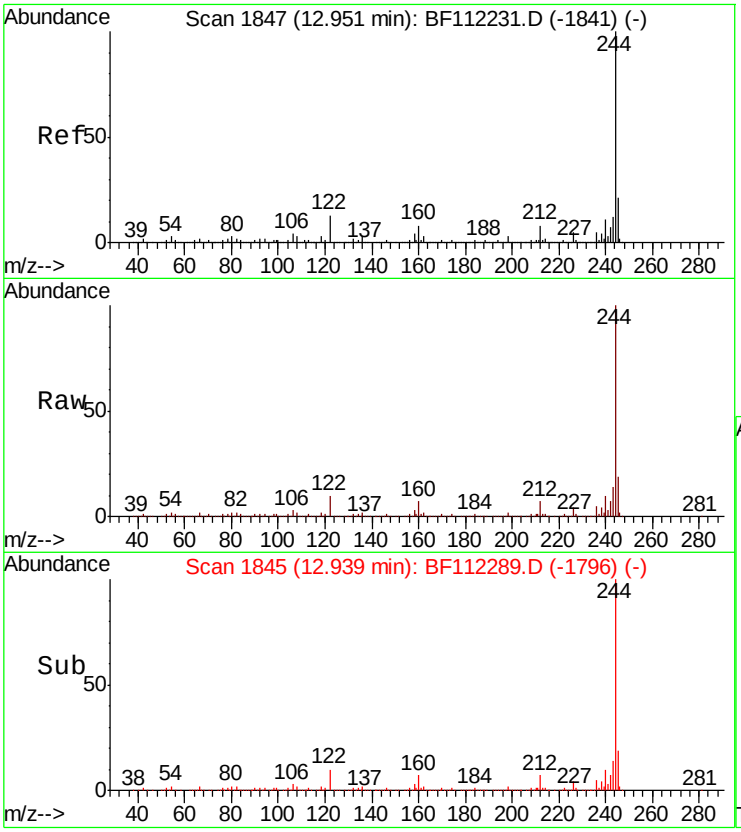


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112289.D
Acq: 29 Jan 2019 11:27

Tgt Ion:240 Resp: 366585

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.0	13.6
236	25.7	20.7	31.1



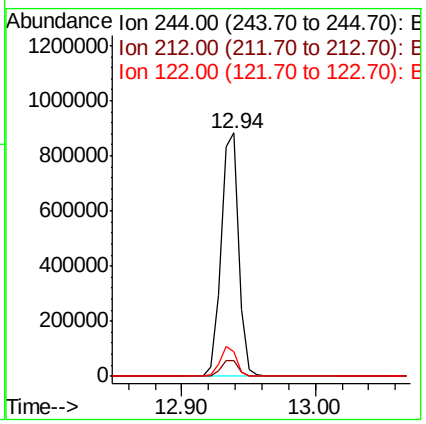


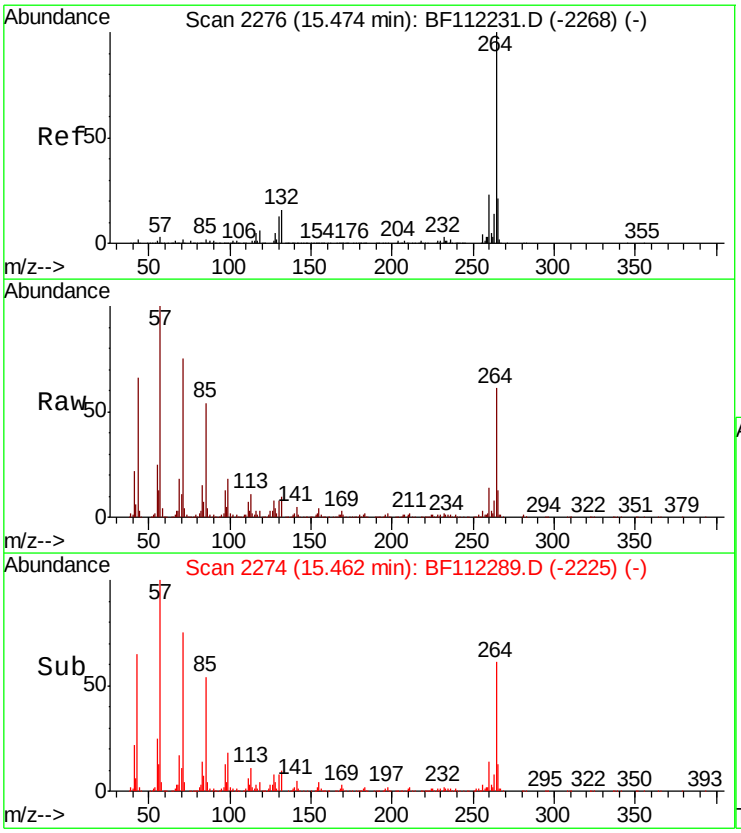
#79
Terphenyl-d14
Concen: 42.250 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112289.D
Acq: 29 Jan 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 822336

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	10.3	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: BF112289.D
Acq: 29 Jan 2019 11:27

Tgt Ion:264 Resp: 332560

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	20.8	17.0	25.4