Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116133.D
Acq On : 10 Aug 2019 00:46
Operator : HP/JU
Sample : K4244-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 10 04:38:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	122473	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	454049	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	223866	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	349408	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	268346	20.00	ng	0.00
87) Perylene-d12	15.47	264	305156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	842905	115.22	ng	0.00
7) Phenol-d6	6.48	99	974166	105.54	ng	0.00
23) Nitrobenzene-d5	7.40	82	769712	97.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	279372	128.72	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1275535	106.72	ng	-0.01
79) Terphenyl-d14	12.94	244	1186699	93.18	ng	-0.01
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.49	42	35902	8.812	ng	# 1
19) n-Nitroso-di-n-propylamine	7.40	70	102476	17.916	ng	# 80
25) Isophorone	7.40	82	769708	51.174	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	29186	8.811	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	29186	6.618	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	16887	4.515	ng	# 1

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

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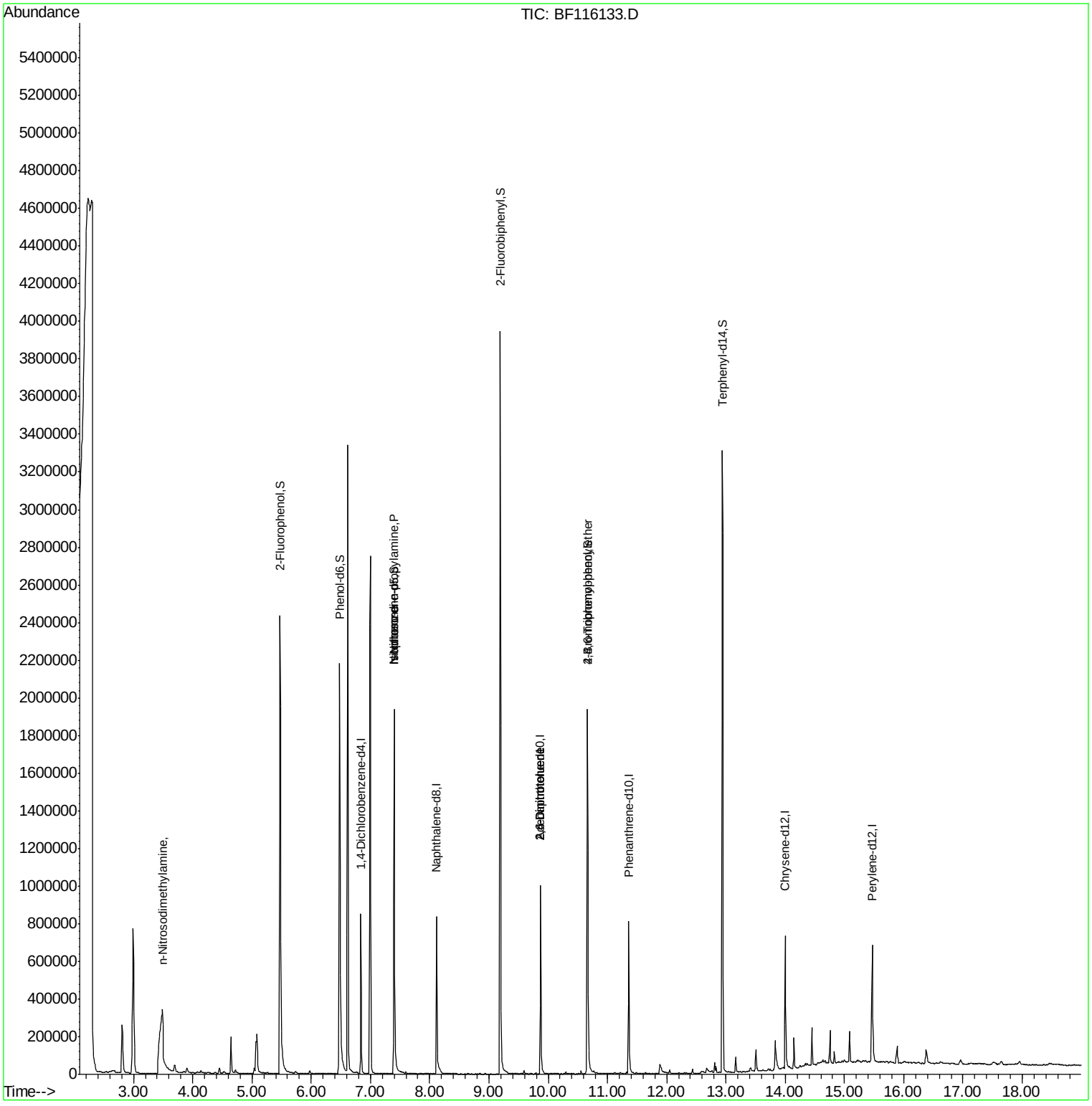
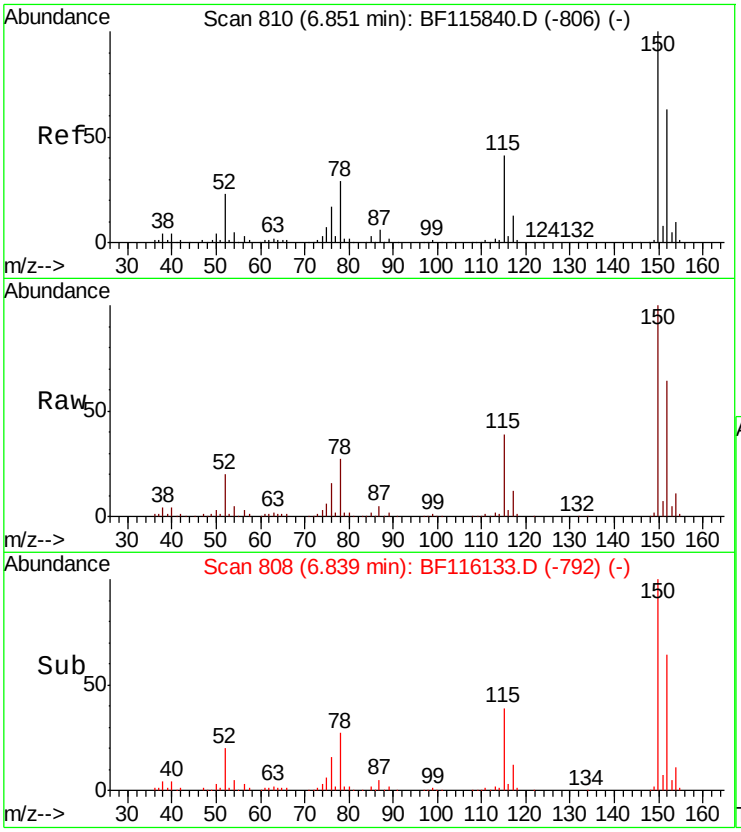


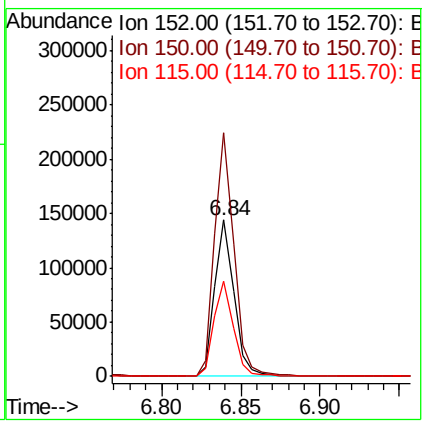


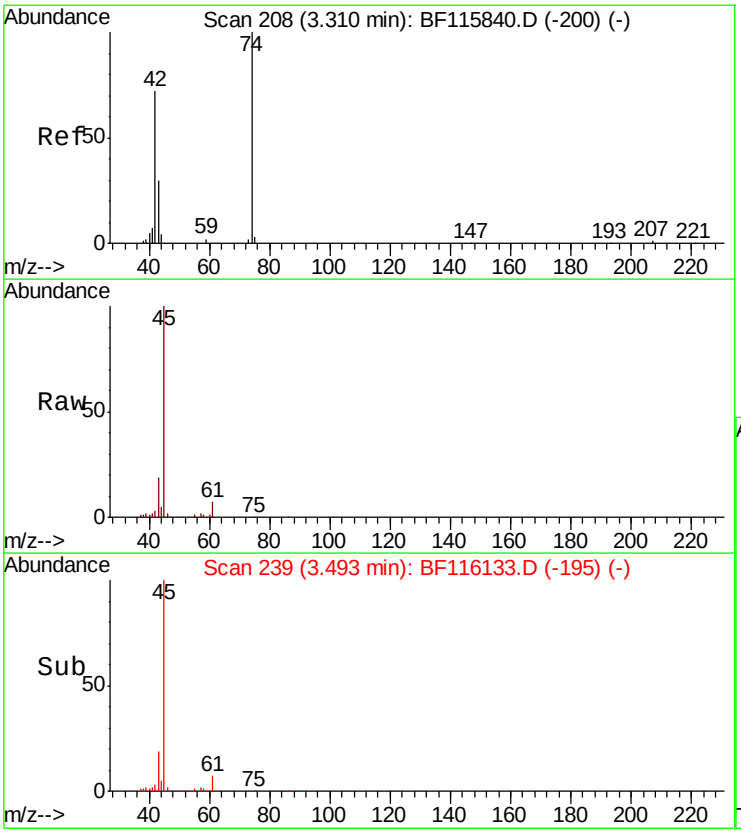
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 122473

Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	60.7	49.9	74.9

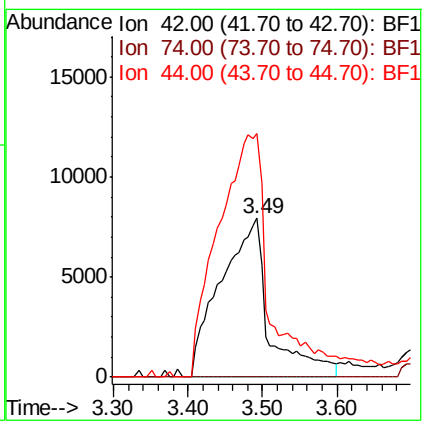


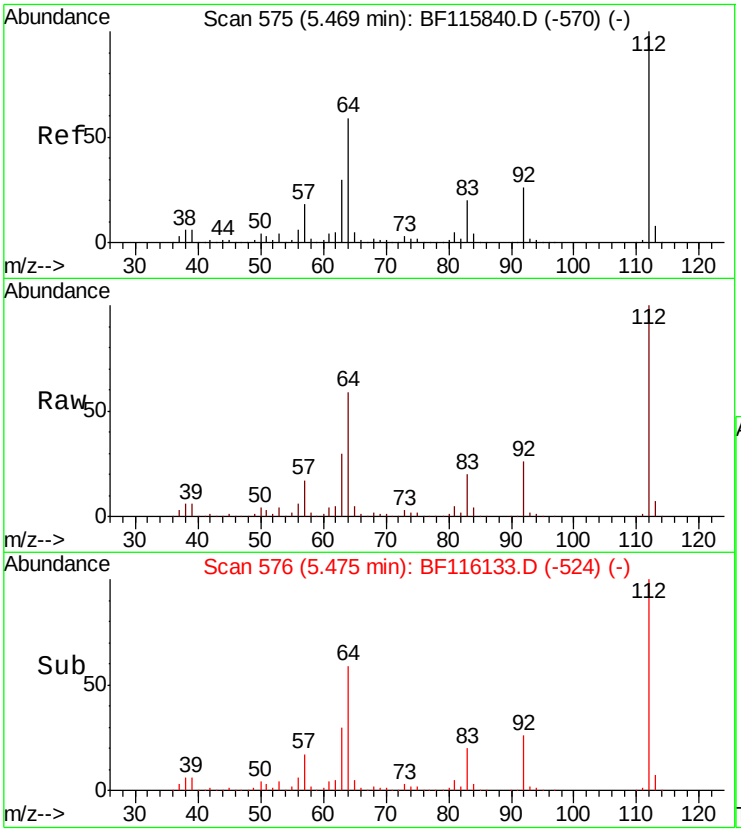


#4
n-Nitrosodimethylamine
Concen: 8.812 ng
RT: 3.49 min Scan# 239
Delta R.T. 0.16 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Tgt Ion: 42 Resp: 35902

Ion	Ratio	Lower	Upper
42	100		
74	0.0	116.0	174.0#
44	153.5	4.6	7.0#



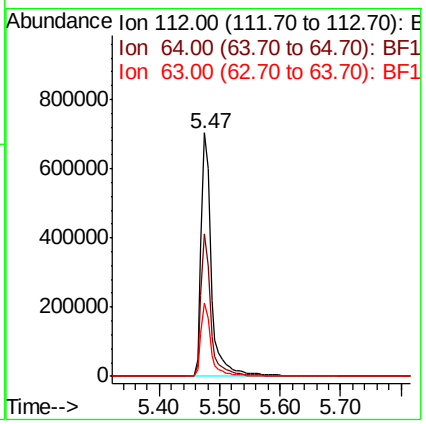


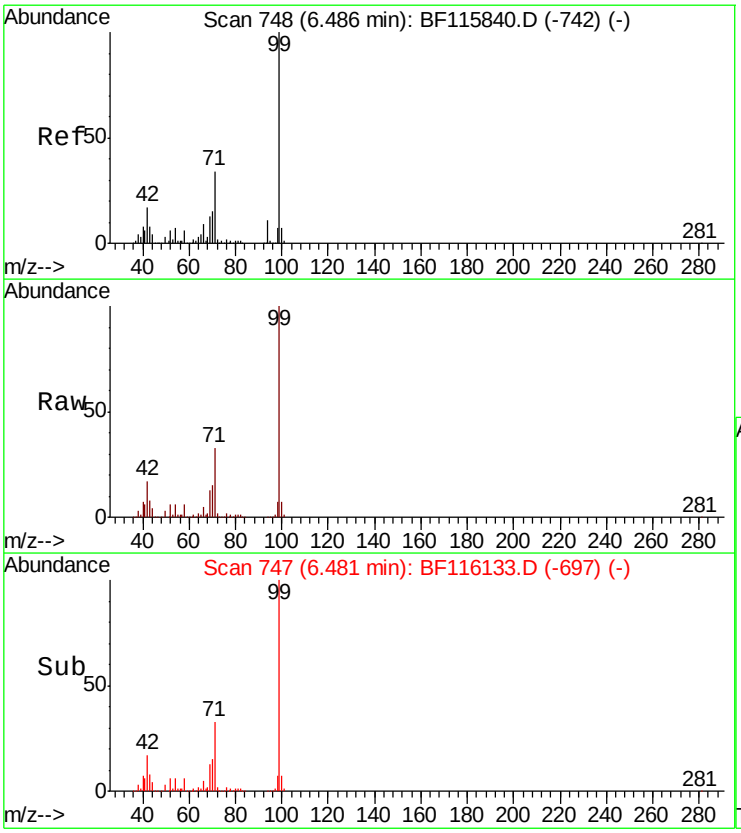
#5
2-Fluorophenol
Concen: 115.215 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 842905

Ion	Ratio	Lower	Upper
112	100		
64	58.6	45.4	68.2
63	30.4	23.7	35.5

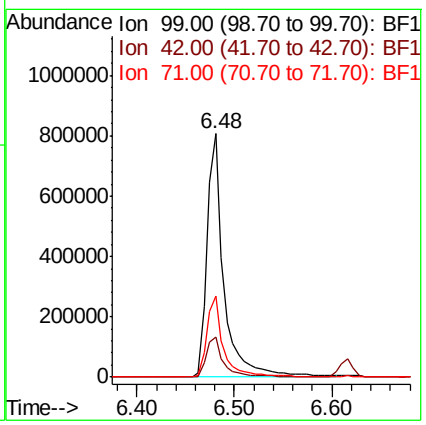


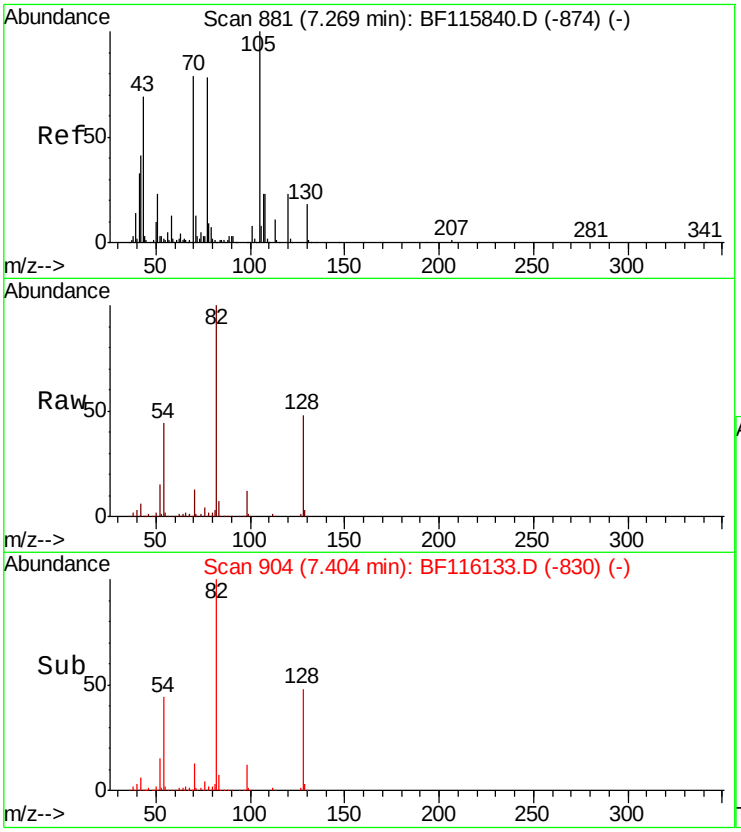


#7
Phenol-d6
Concen: 105.540 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Tgt Ion: 99 Resp: 974166

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.8
71	33.1	27.3	40.9



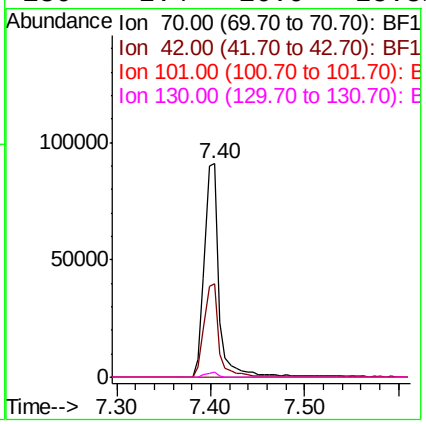


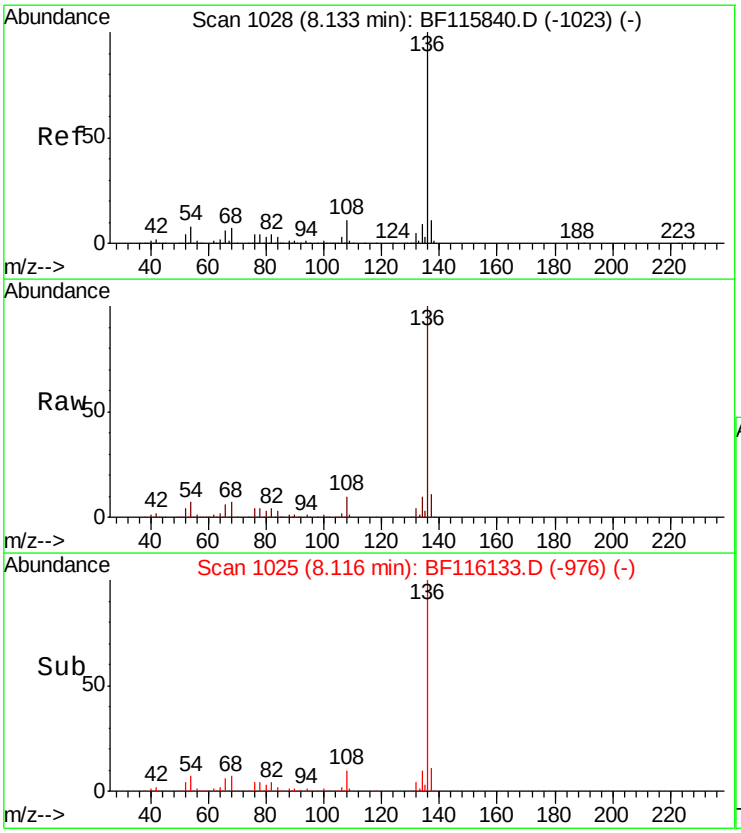
#19
n-Nitroso-di-n-propylamine
Concen: 17.916 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 102476

Ion	Ratio	Lower	Upper
70	100		
42	43.8	40.9	61.3
101	0.0	7.9	11.9#
130	2.4	16.9	25.3#

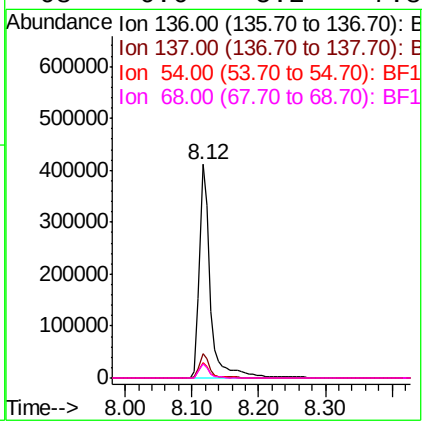


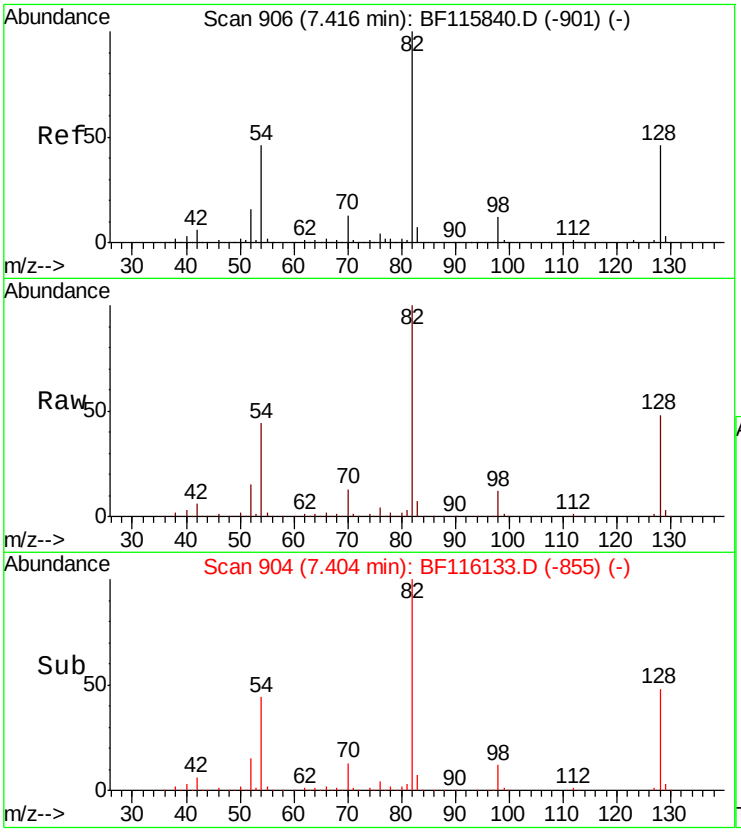


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Tgt Ion:136 Resp: 454049

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.4	5.8	8.6
68	6.6	5.2	7.8



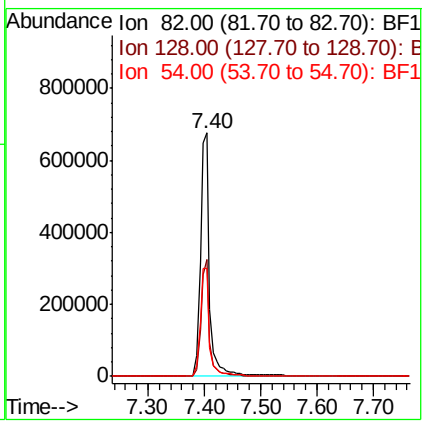


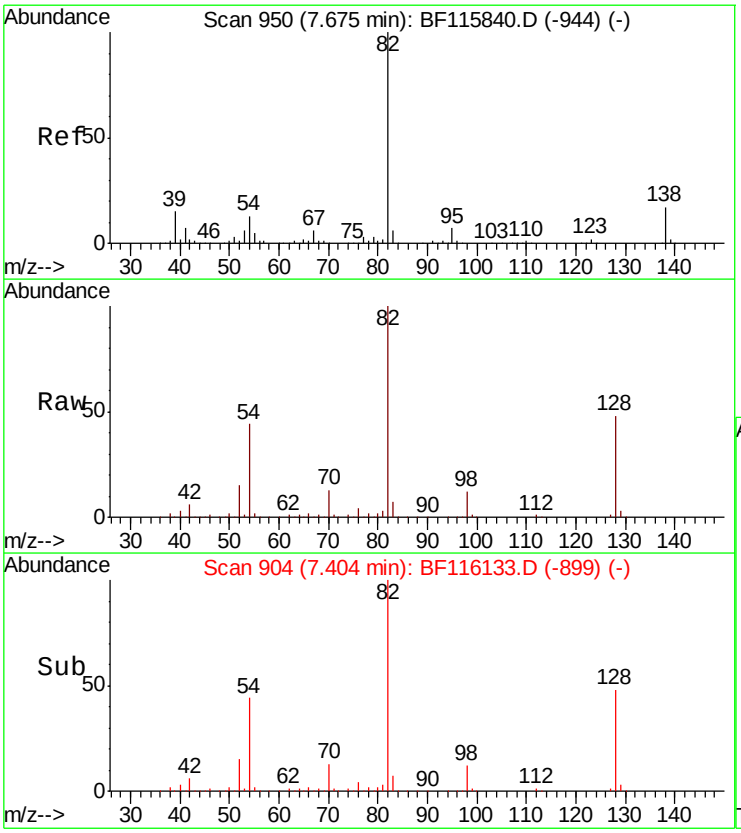
#23
Nitrobenzene-d5
Concen: 97.853 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 769712

Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.5	54.7
54	44.1	36.0	54.0

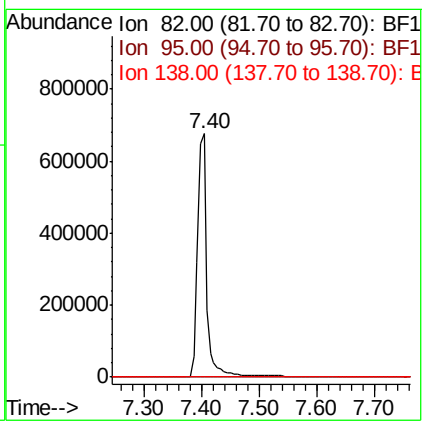


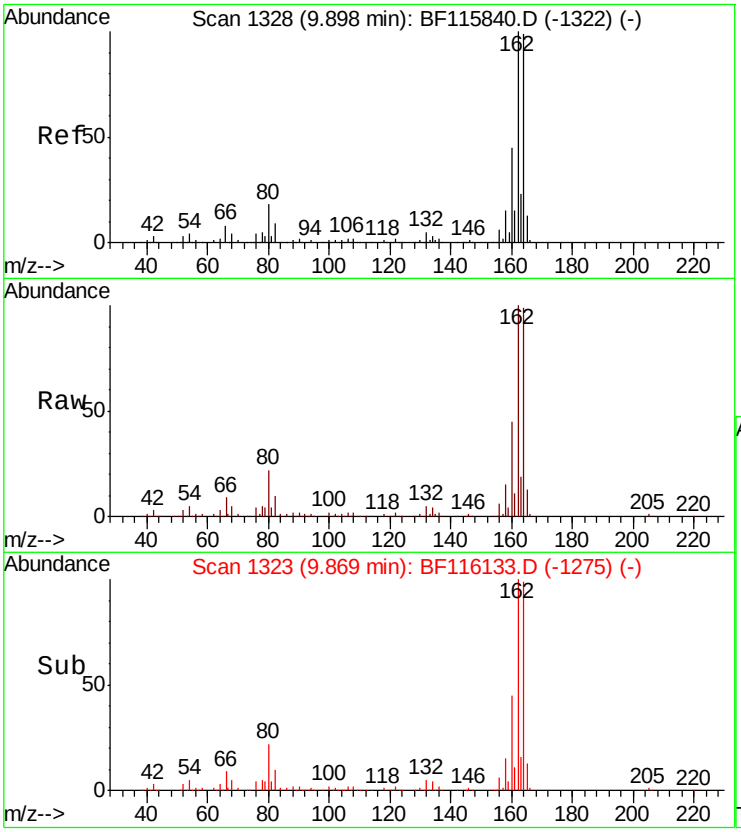


#25
Isophorone
Concen: 51.174 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Tgt Ion: 82 Resp: 769708

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.5	21.7#



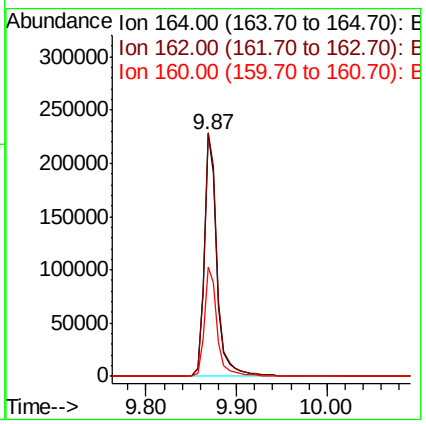


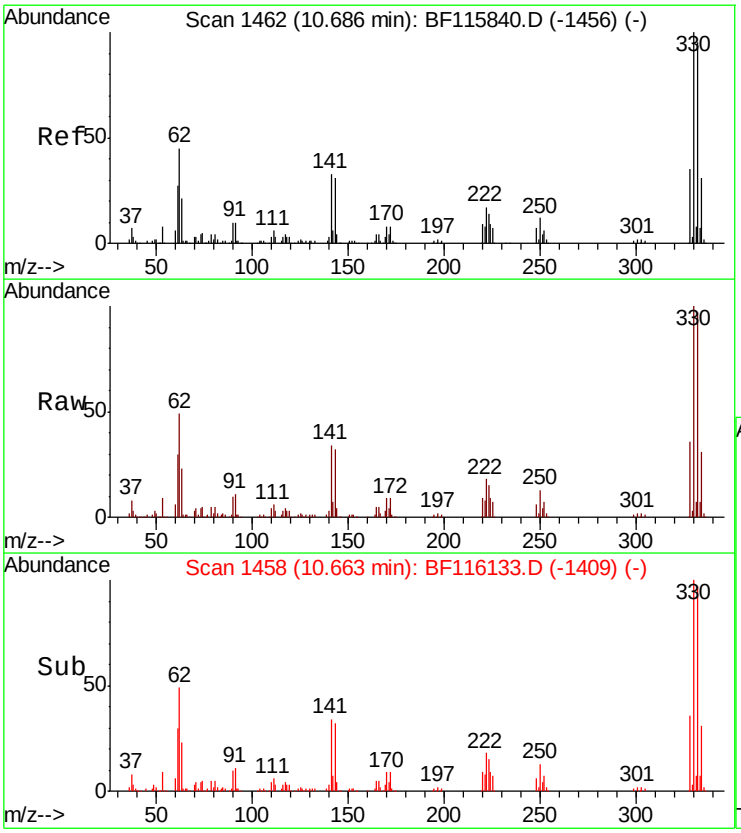
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 223866

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.6	124.0
160	45.4	37.6	56.4

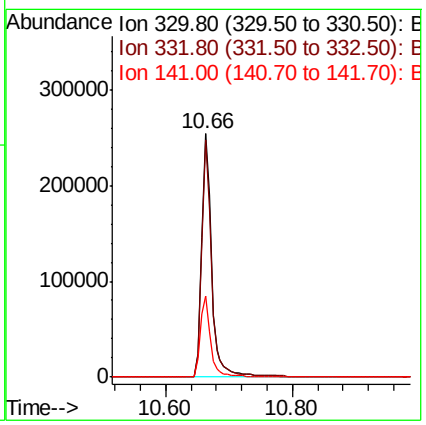


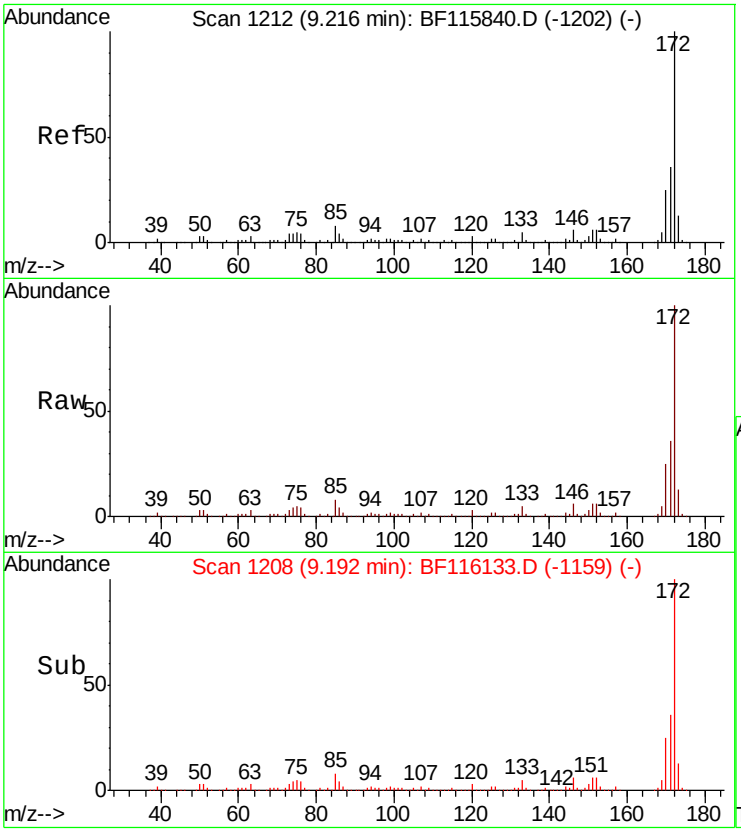


#42
2,4,6-Tribromophenol
Concen: 128.717 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Tgt Ion:330 Resp: 279372

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.8	115.2
141	33.7	26.3	39.5



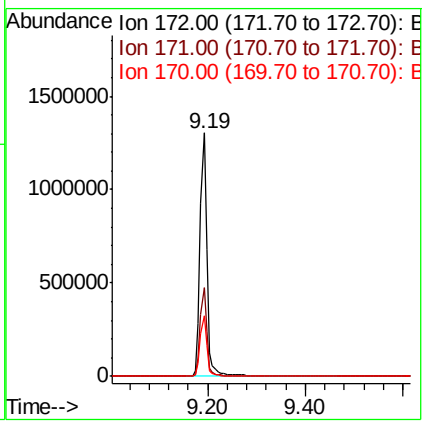


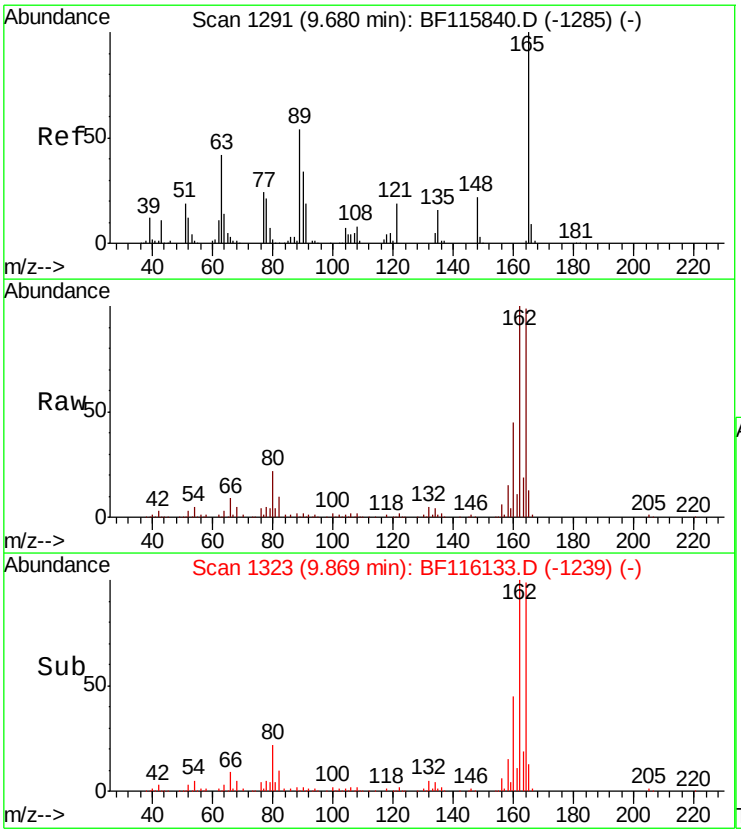
#45
2-Fluorobiphenyl
Concen: 106.723 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1275535

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.7	20.1	30.1

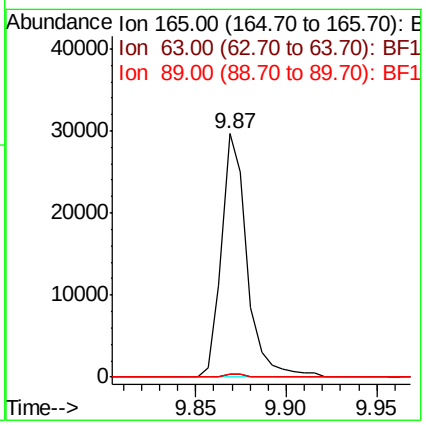


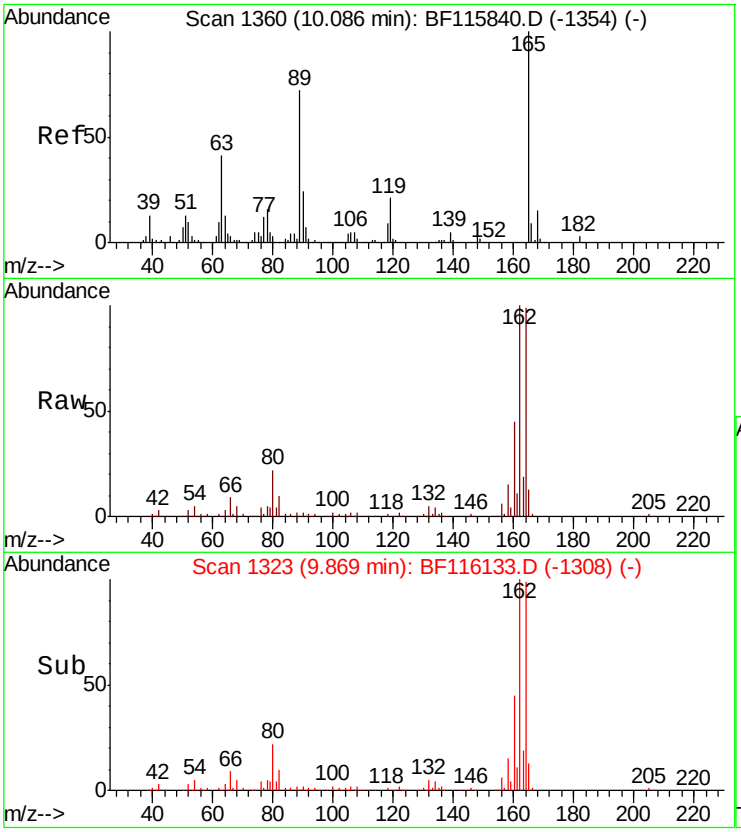


#51
2,6-Dinitrotoluene
Concen: 8.811 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.19 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Tgt Ion:165 Resp: 29186

Ion	Ratio	Lower	Upper
165	100		
63	1.3	38.2	57.2#
89	1.3	42.9	64.3#



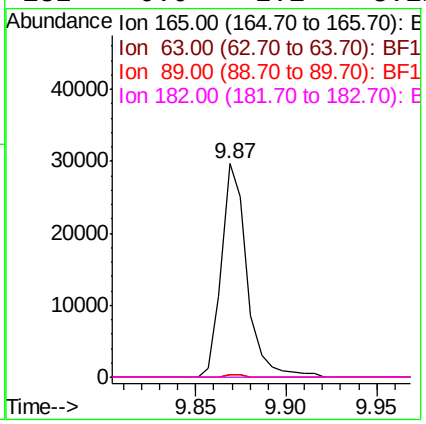


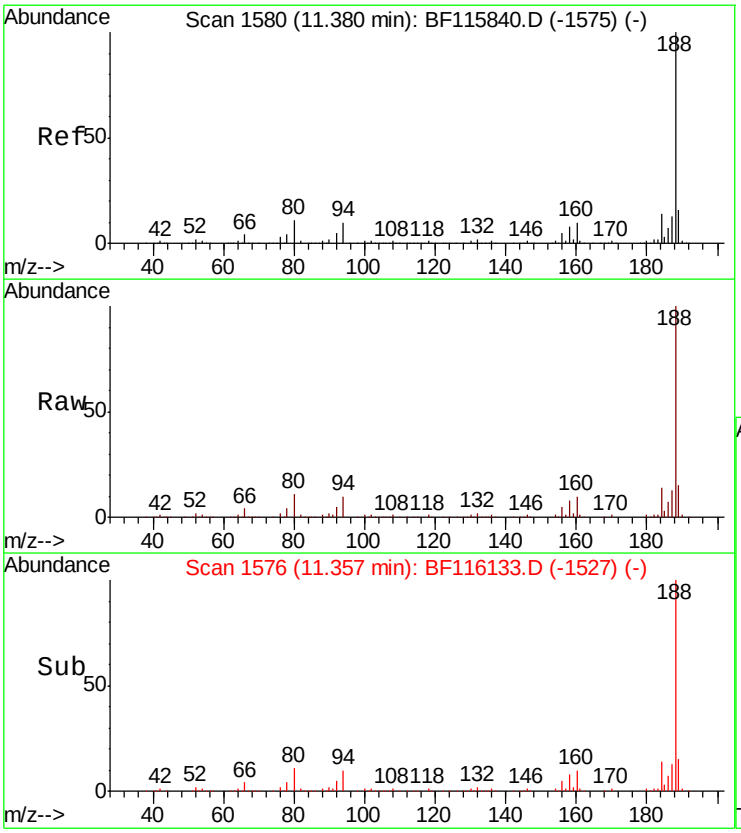
#57
2,4-Dinitrotoluene
Concen: 6.618 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29186

Ion	Ratio	Lower	Upper
165	100		
63	1.3	39.6	59.4#
89	1.3	62.2	93.2#
182	0.0	2.1	3.1#

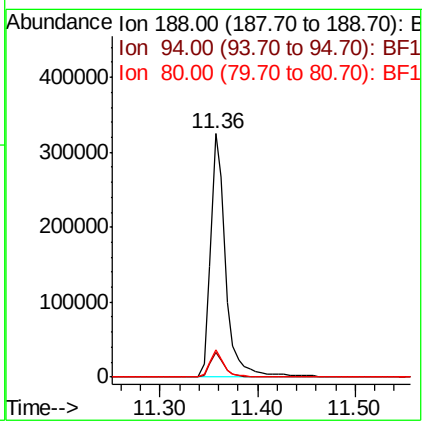


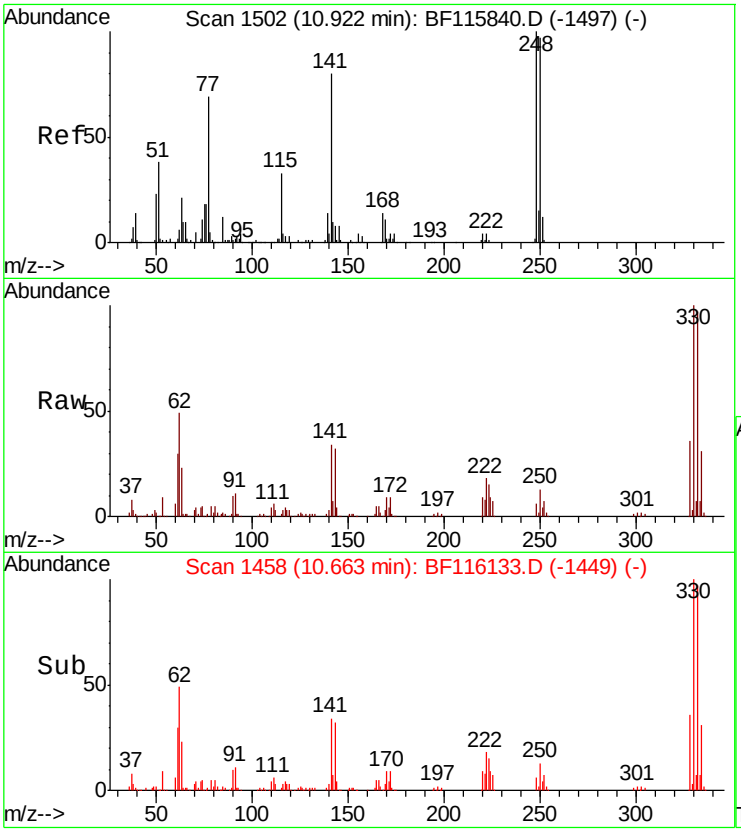


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Tgt Ion:188 Resp: 349408

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	11.2	8.7	13.1



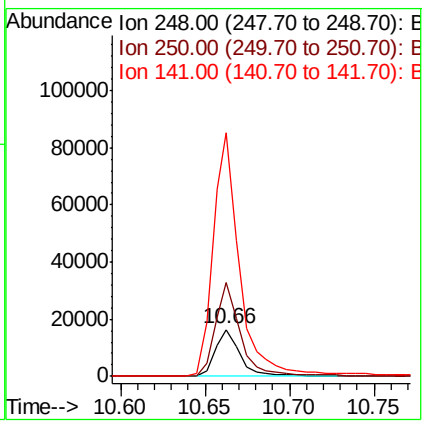


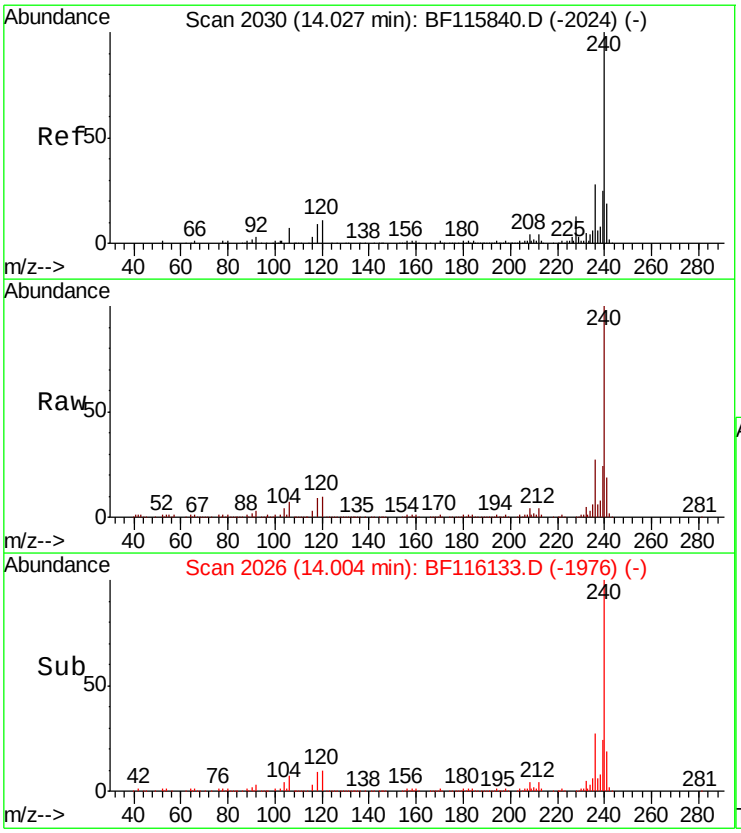
#67
4-Bromophenyl-phenylether
Concen: 4.515 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 16887

Ion	Ratio	Lower	Upper
248	100		
250	199.7	77.4	116.2#
141	520.6	56.8	85.2#

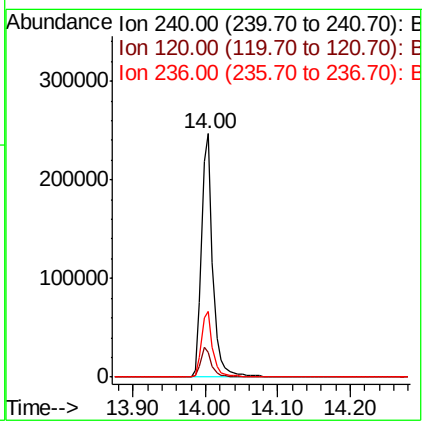


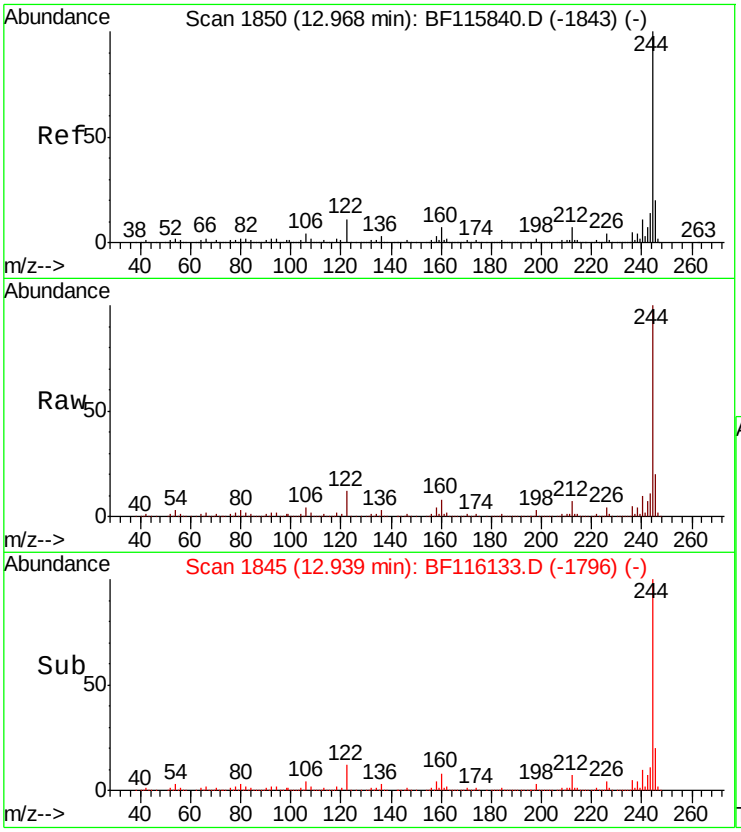


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Tgt Ion:240 Resp: 268346

Ion	Ratio	Lower	Upper
240	100		
120	10.2	10.7	16.1#
236	27.0	22.2	33.2



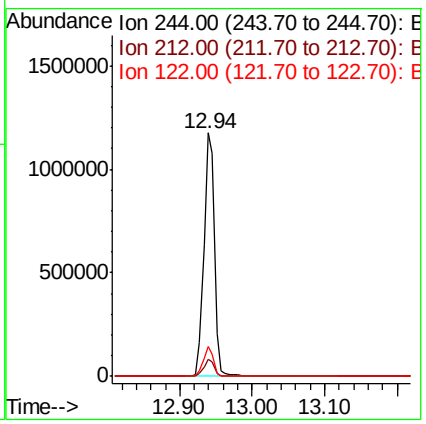


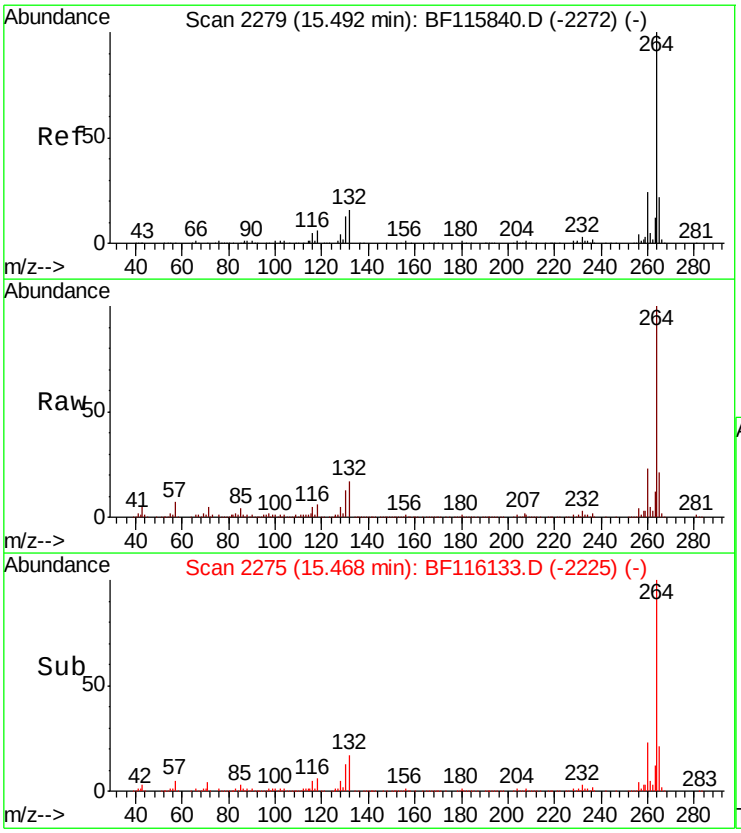
#79
Terphenyl-d14
Concen: 93.185 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1186699

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.4	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116133.D
Acq: 10 Aug 2019 00:46

Tgt Ion:264 Resp: 305156

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.7	29.5
265	21.1	17.4	26.0