Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112314.D
Acq On : 30 Jan 2019 10:43
Operator : JU/SJ
Sample : K1260-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 30 12:27:25 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	156158	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	562965	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	253232	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	445555	20.00	ng	0.00
76) Chrysene-d12	14.00	240	348256	20.00	ng	-0.01
87) Perylene-d12	15.47	264	333412	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	372597	50.68	ng	0.00
7) Phenol-d6	6.48	99	276019	27.02	ng	-0.01
23) Nitrobenzene-d5	7.40	82	956360	97.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	274719	93.20	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1835363	102.51	ng	-0.01
79) Terphenyl-d14	12.94	244	1456339	78.76	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.61	77	16302	3.053	ng	# 75
19) n-Nitroso-di-n-propylamine	7.40	70	128726	18.274	ng	# 77
25) Isophorone	7.40	82	946385	61.744	ng	# 64
51) 2,6-Dinitrotoluene	9.87	165	33510	7.605	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	33510	5.974	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	16813	3.208	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
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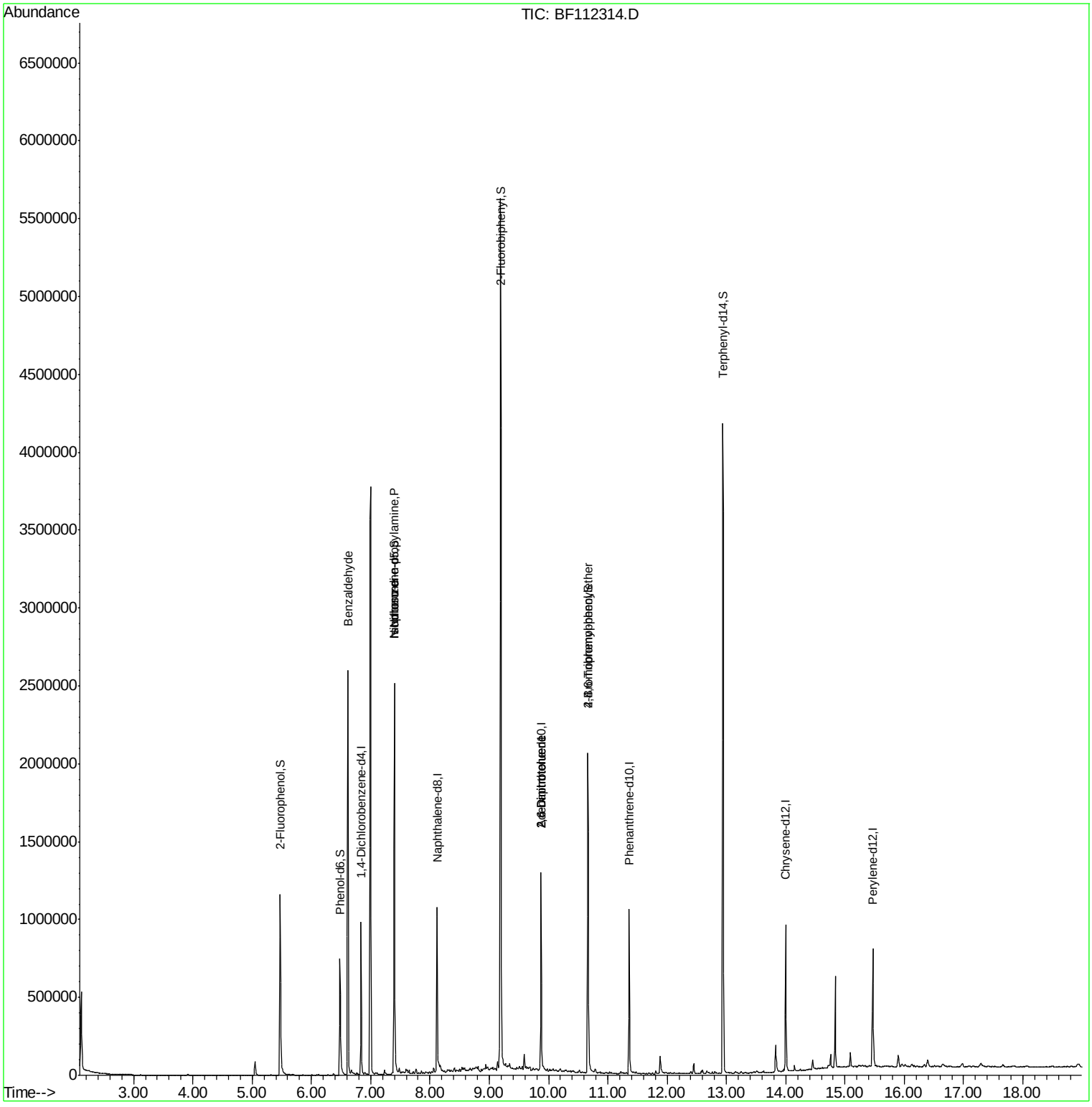
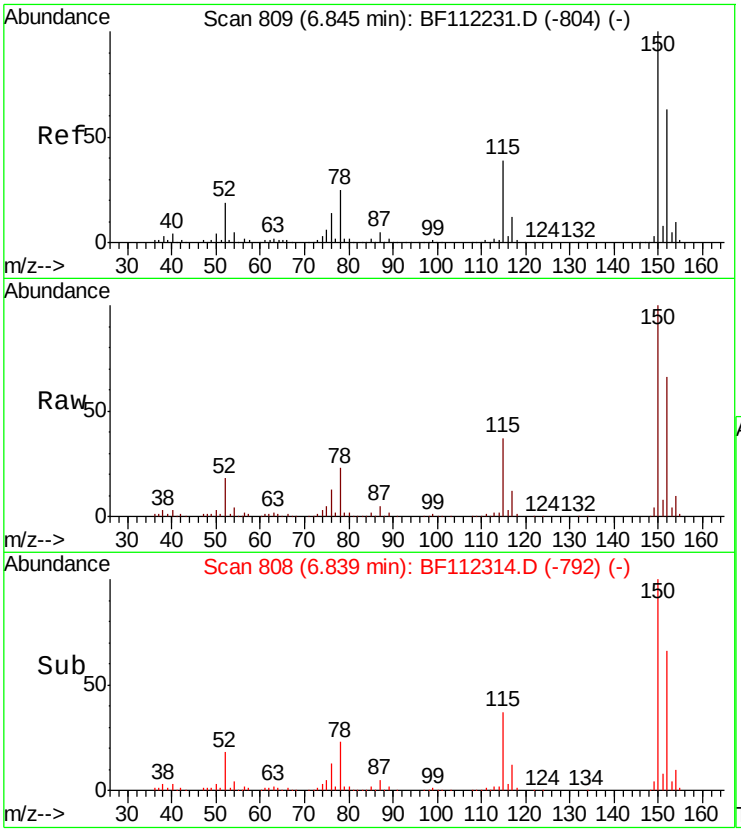


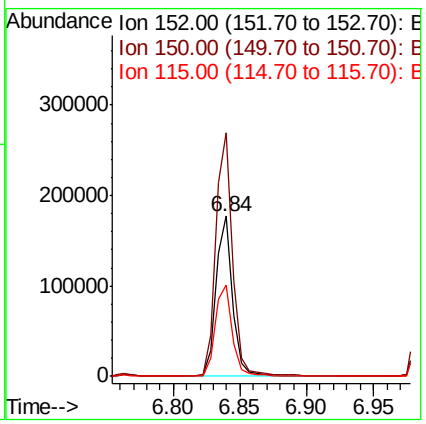


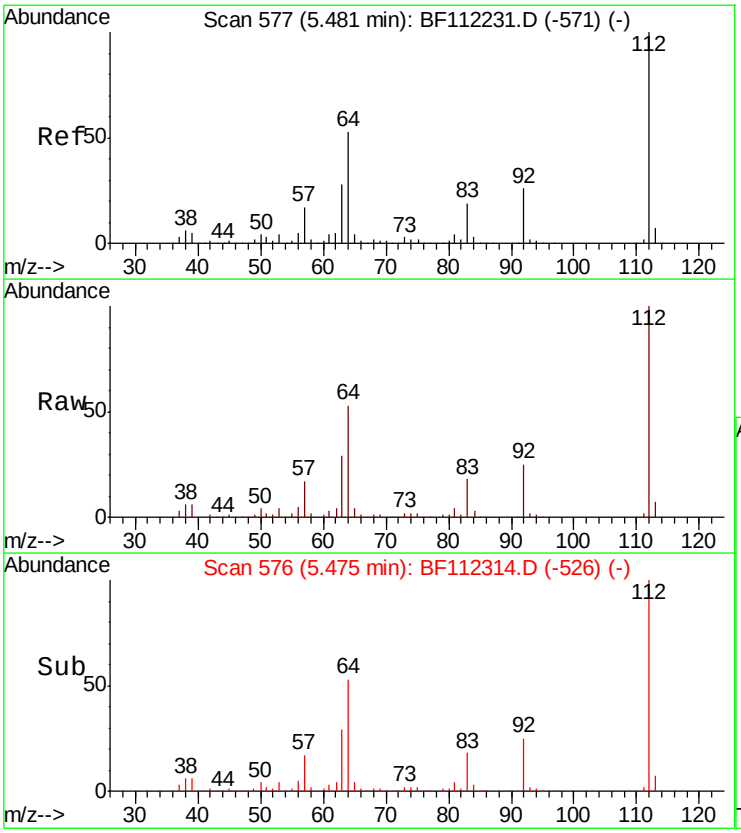
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 156158

Ion	Ratio	Lower	Upper
152	100		
150	151.9	127.4	191.0
115	56.7	45.5	68.3

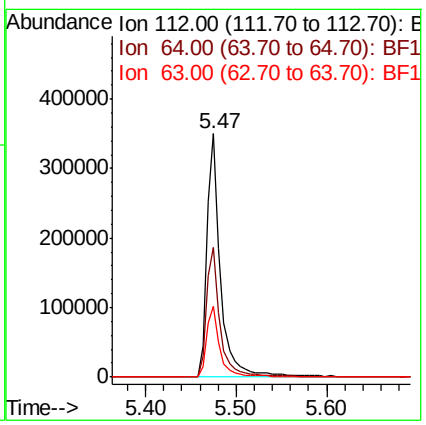


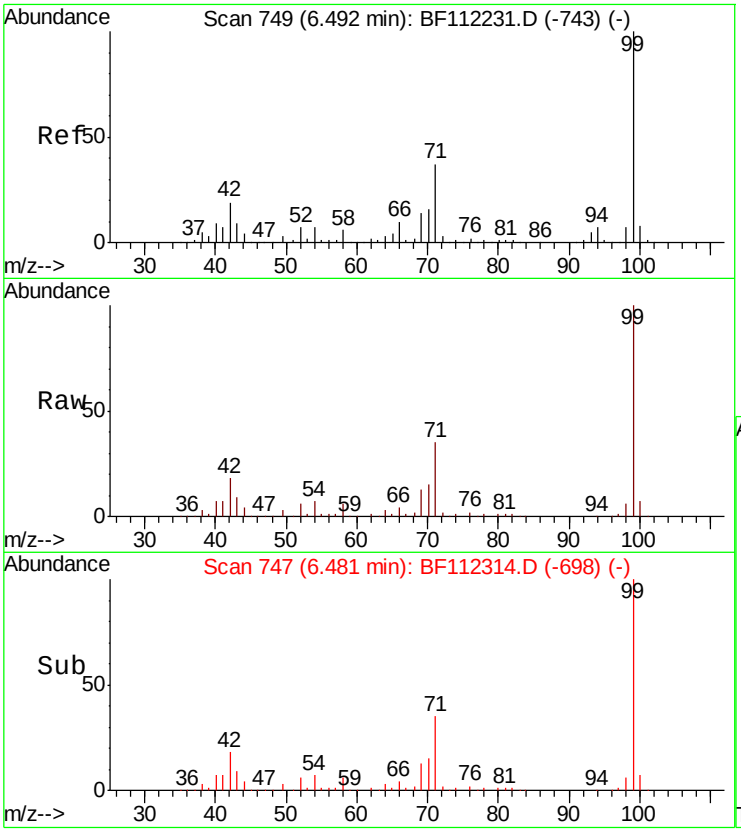


#5
2-Fluorophenol
Concen: 50.681 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Tgt Ion:112 Resp: 372597

Ion	Ratio	Lower	Upper
112	100		
64	53.2	45.7	68.5
63	29.3	23.6	35.4



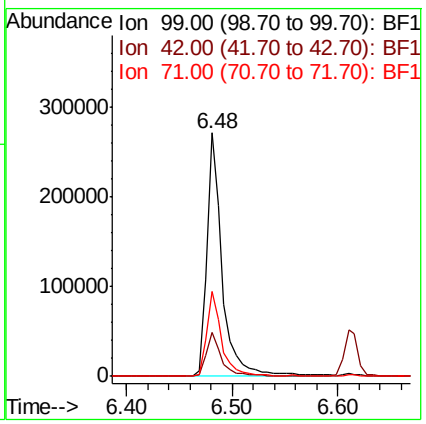


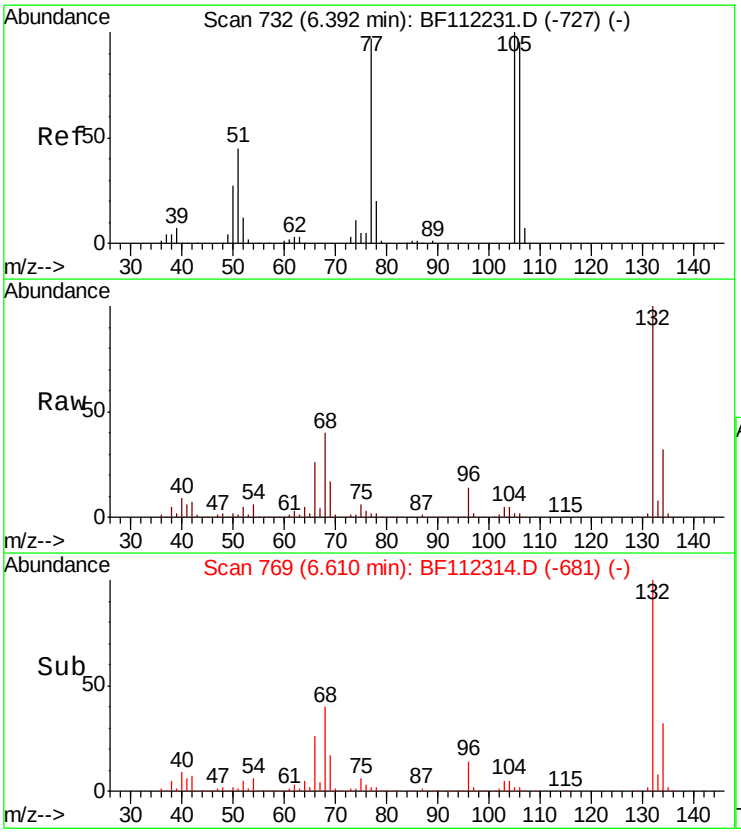
#7
Phenol-d6
Concen: 27.019 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 276019

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.1	22.7
71	35.1	26.9	40.3

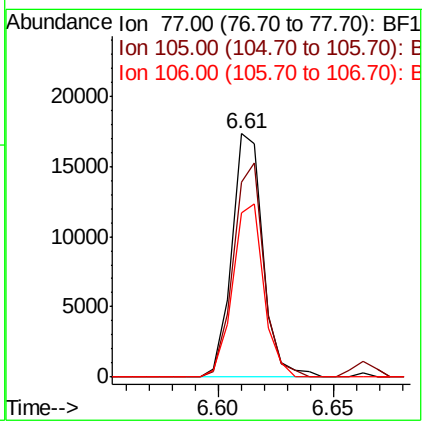


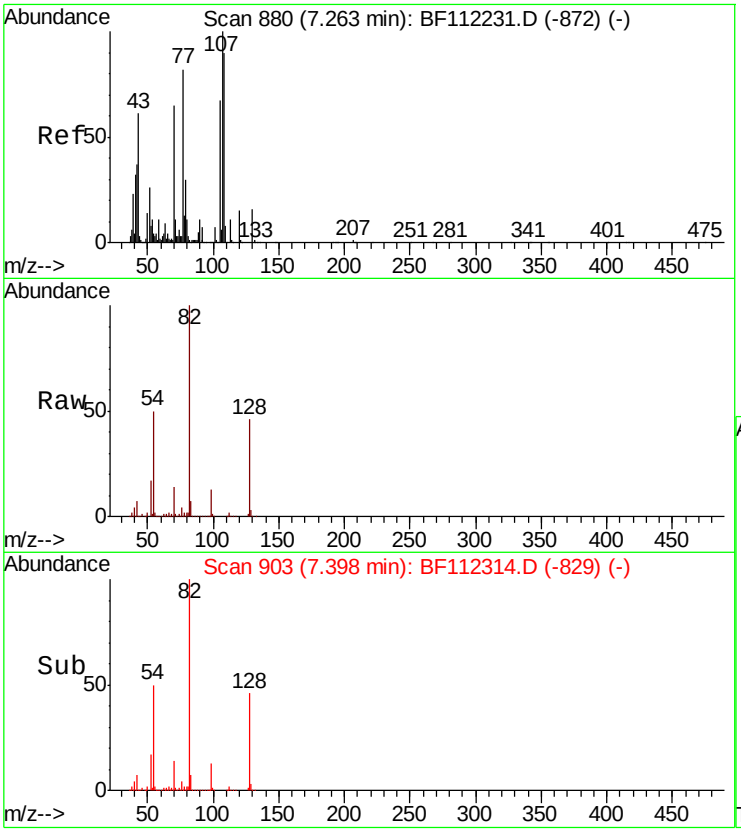


#9
Benzaldehyde
Concen: 3.053 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.22 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Tgt Ion: 77 Resp: 16302

Ion	Ratio	Lower	Upper
77	100		
105	80.3	80.8	120.8#
106	67.6	75.7	115.7#



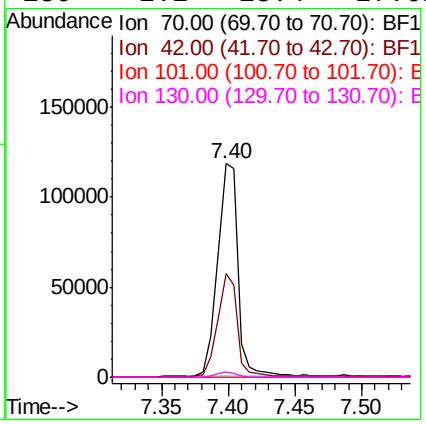


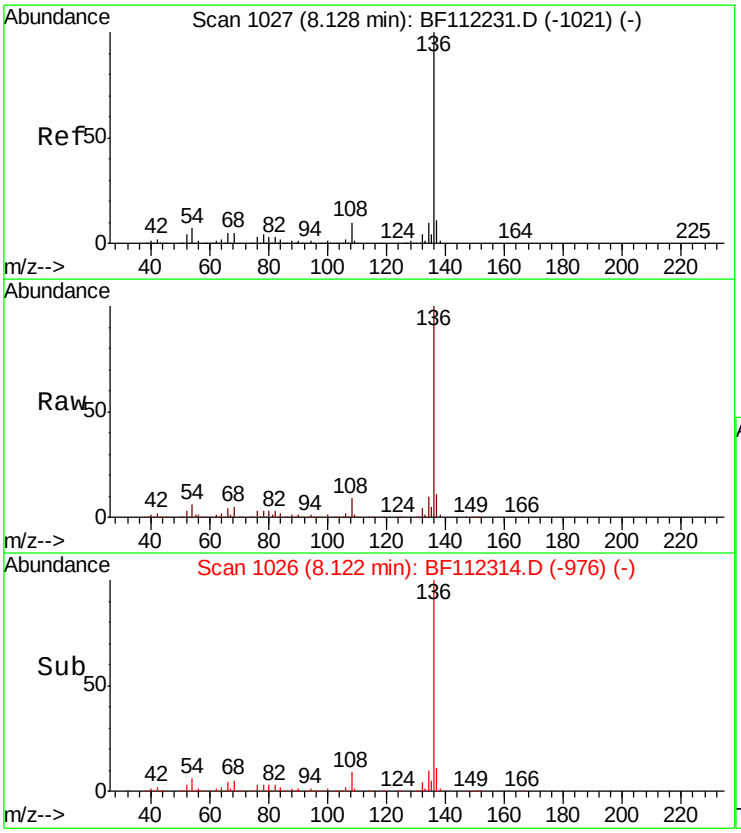
#19
n-Nitroso-di-n-propylamine
Concen: 18.274 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 128726

Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.6	71.4
101	0.0	7.9	11.9#
130	2.2	18.4	27.6#

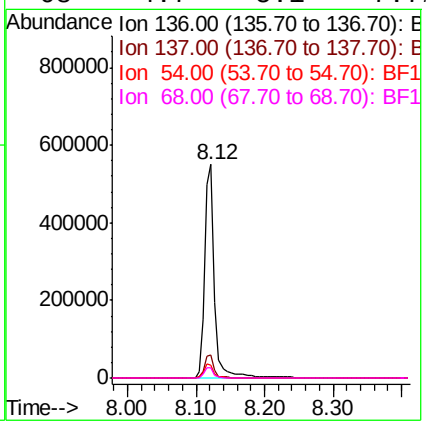


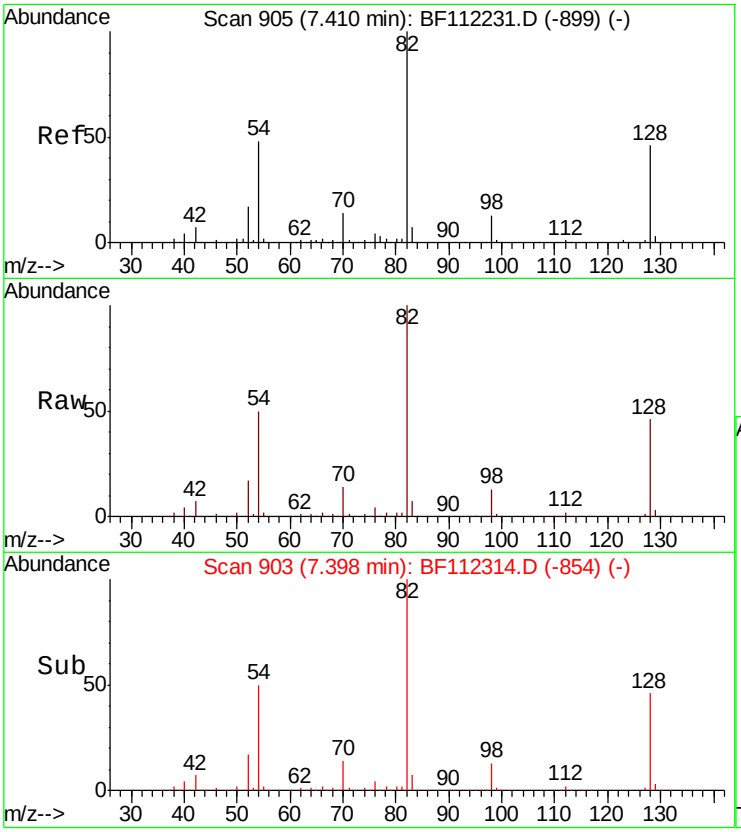


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Tgt Ion:136 Resp: 562965

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.8	5.9	8.9#
68	4.7	5.1	7.7#



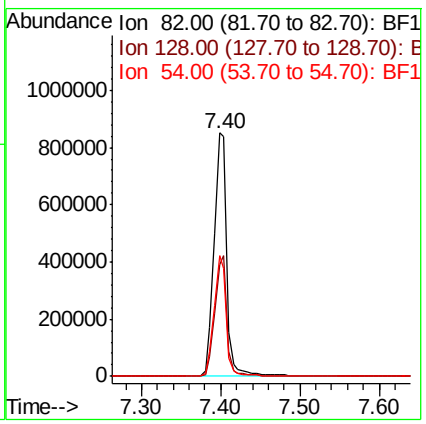


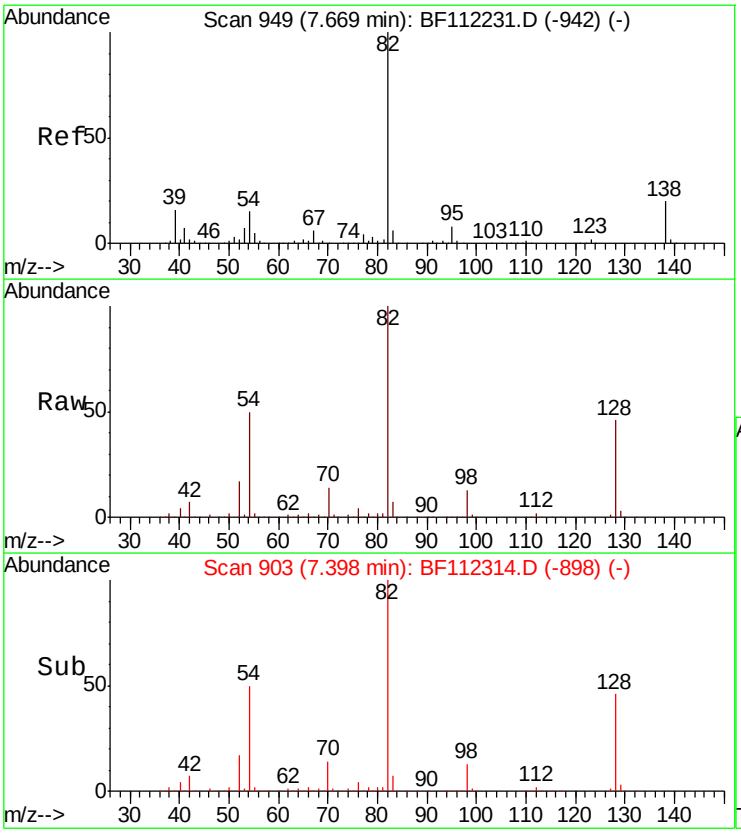
#23
Nitrobenzene-d5
Concen: 97.884 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 956360

Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.8	56.8
54	49.5	39.7	59.5

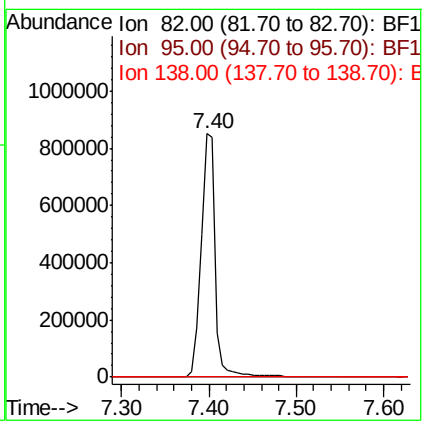


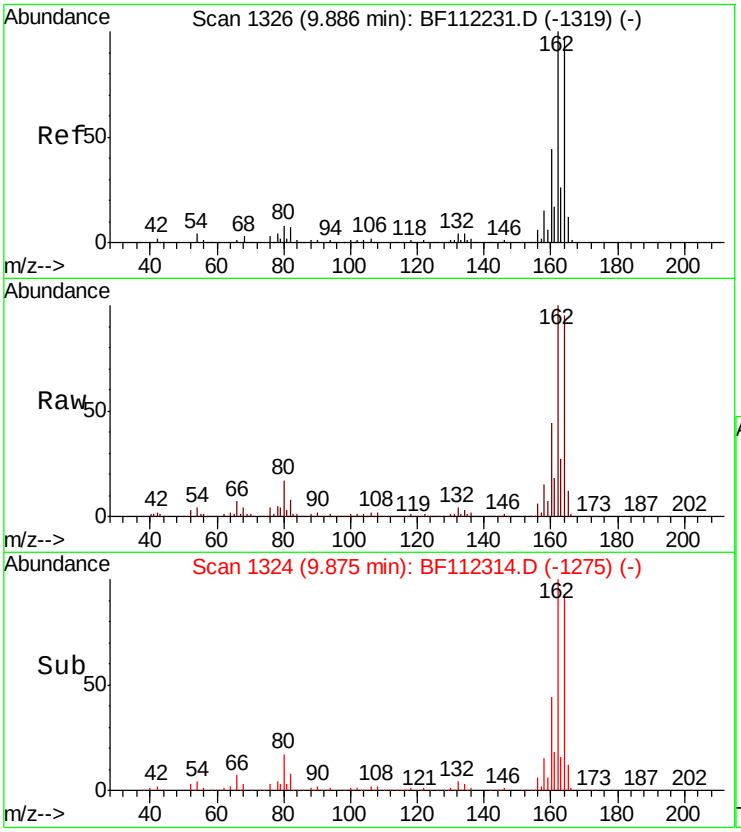


#25
Isophorone
Concen: 61.744 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Tgt Ion: 82 Resp: 946385

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



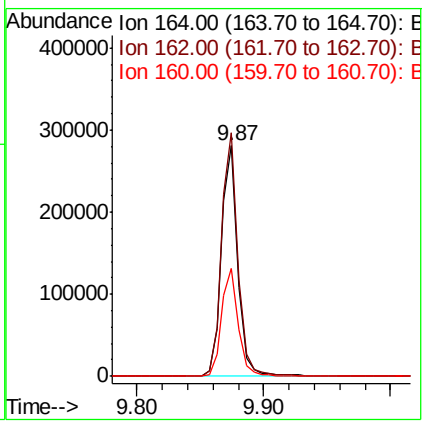


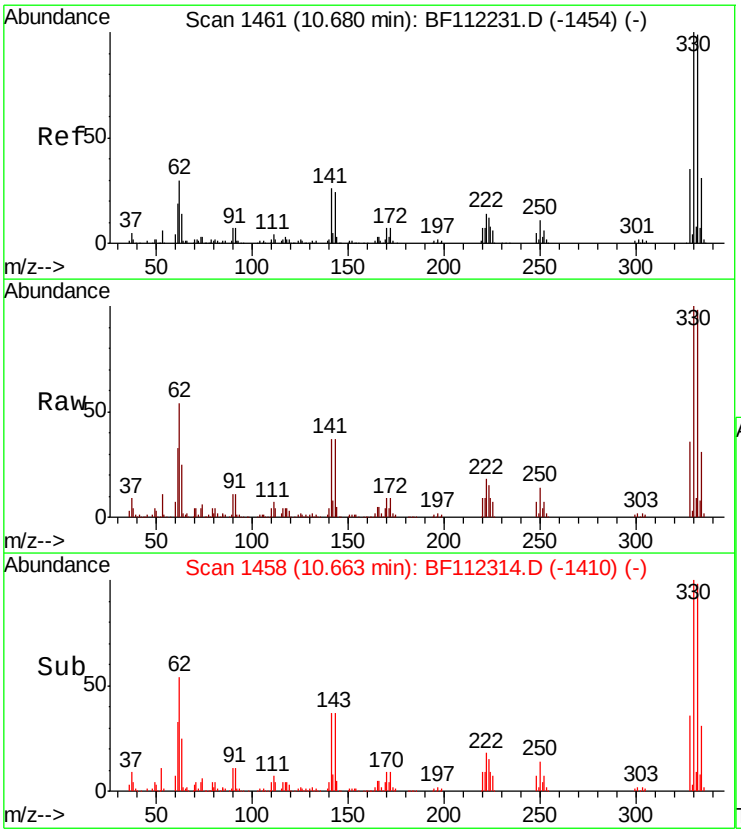
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 253232

Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.2	123.4
160	46.8	36.2	54.4

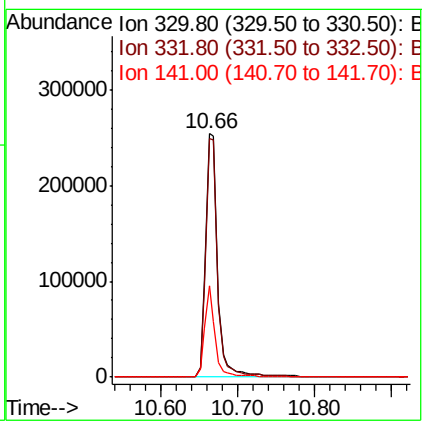


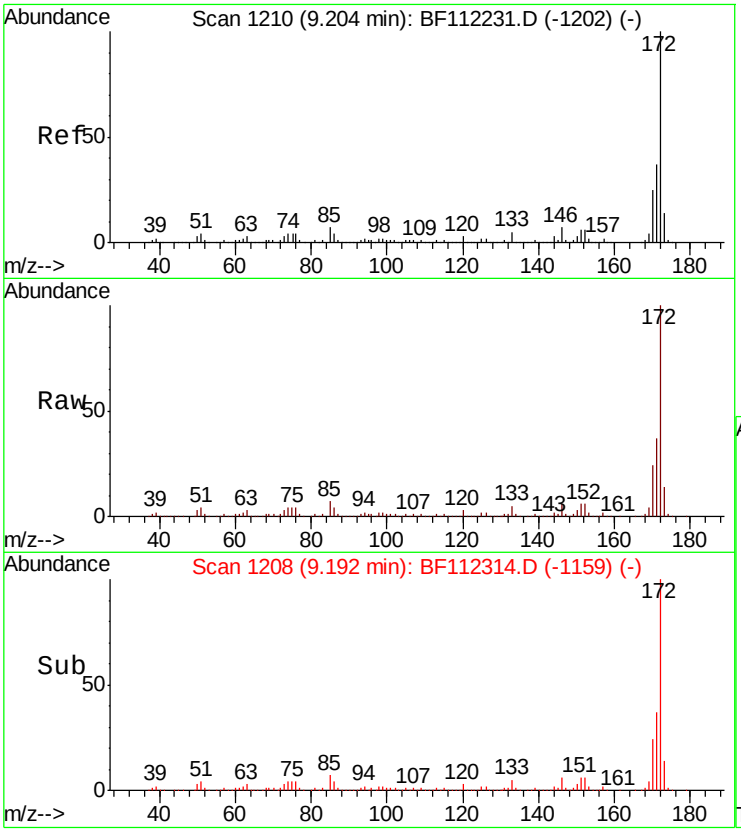


#42
2,4,6-Tribromophenol
Concen: 93.202 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Tgt Ion:330 Resp: 274719

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	32.3	24.3	36.5



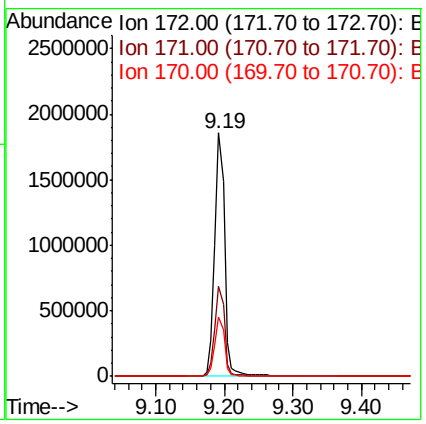


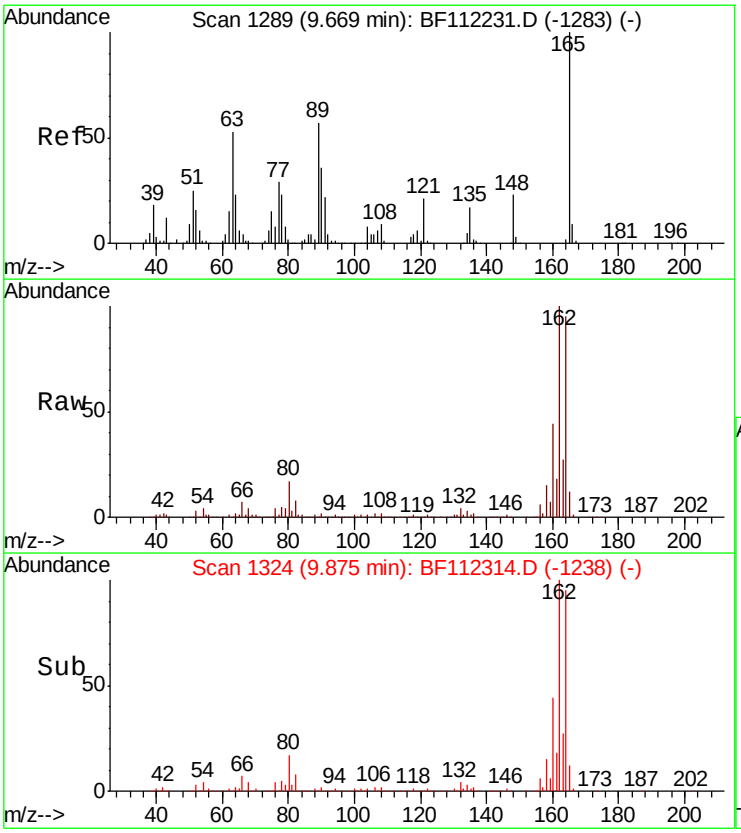
#45
2-Fluorobiphenyl
Concen: 102.508 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1835363

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.5	20.2	30.4

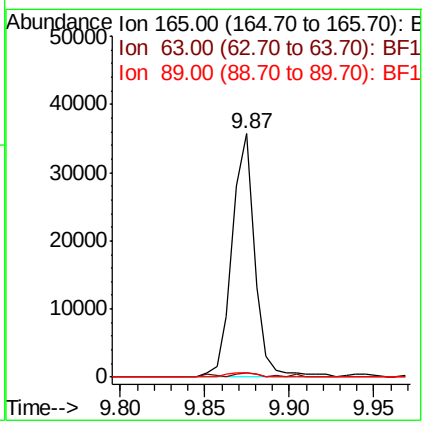


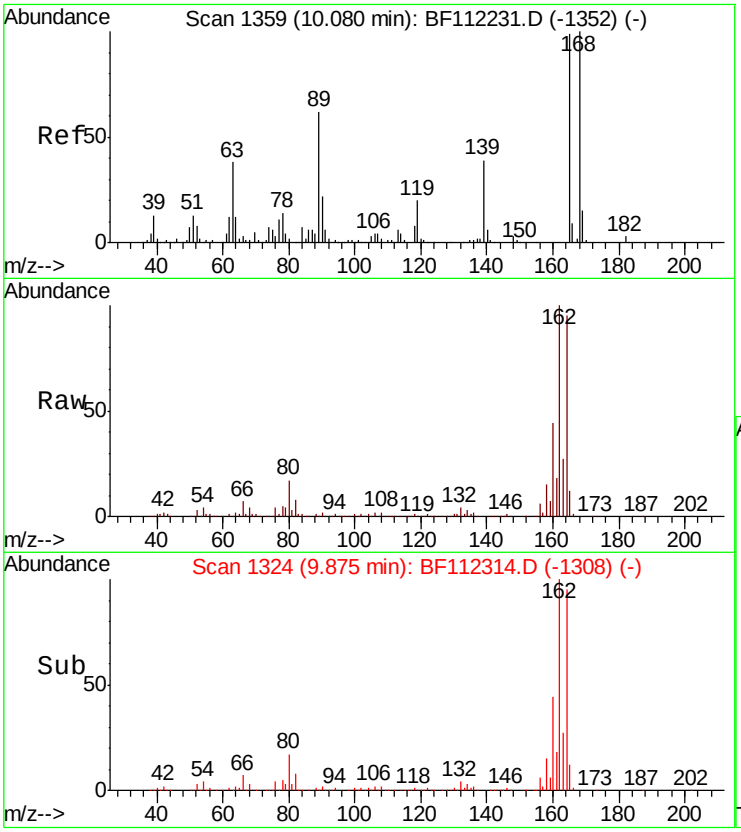


#51
2,6-Dinitrotoluene
Concen: 7.605 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Tgt Ion:165 Resp: 33510

Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.8	50.8#
89	1.8	36.9	55.3#



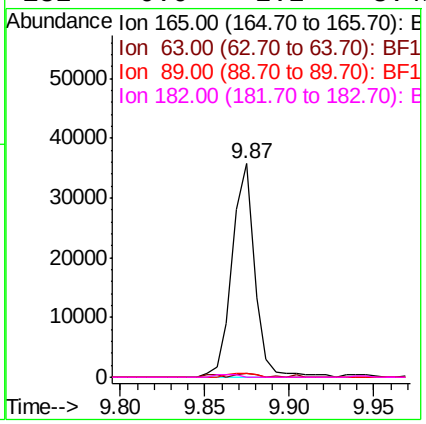


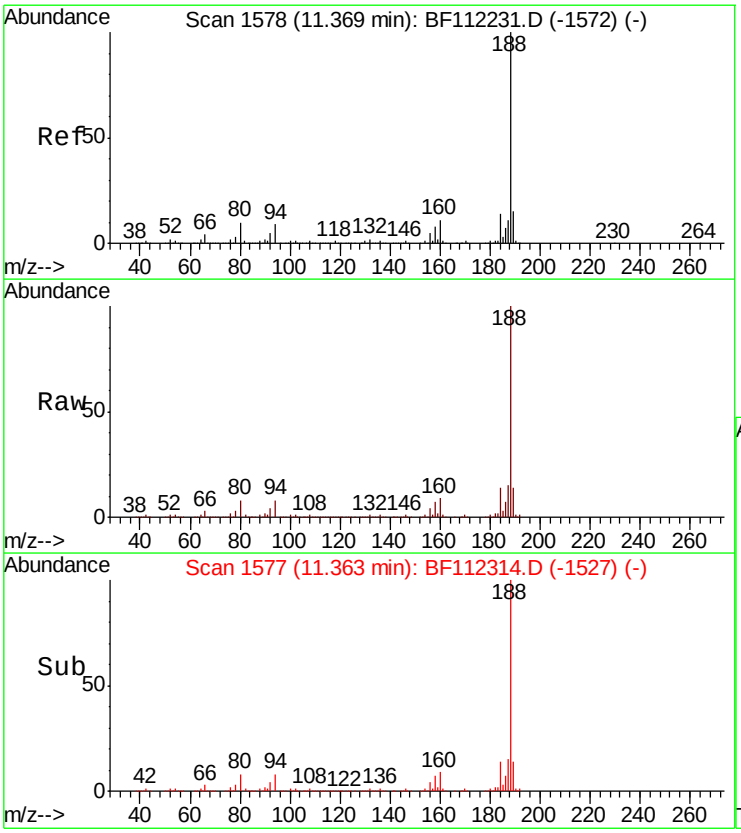
#57
2,4-Dinitrotoluene
Concen: 5.974 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33510

Ion	Ratio	Lower	Upper
165	100		
63	1.7	27.9	41.9#
89	1.8	47.9	71.9#
182	0.0	2.2	3.4#

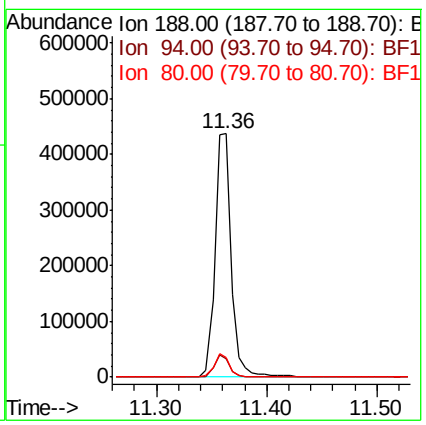


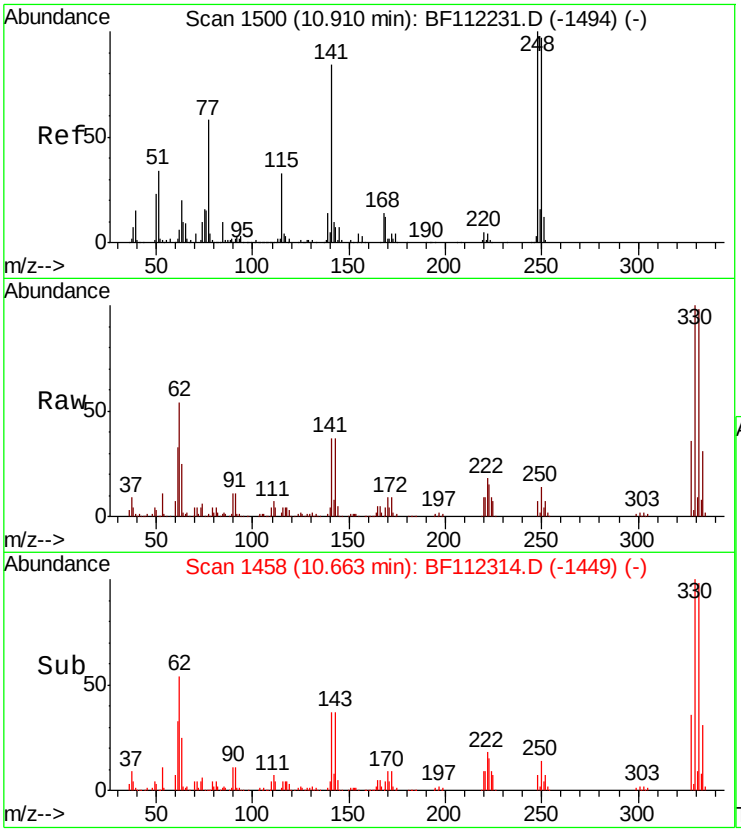


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Tgt Ion:188 Resp: 445555

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.2	12.2#
80	8.1	8.9	13.3#



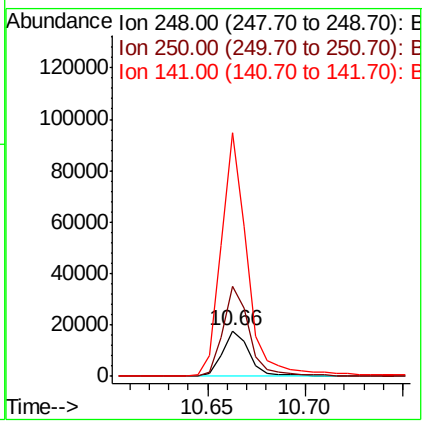


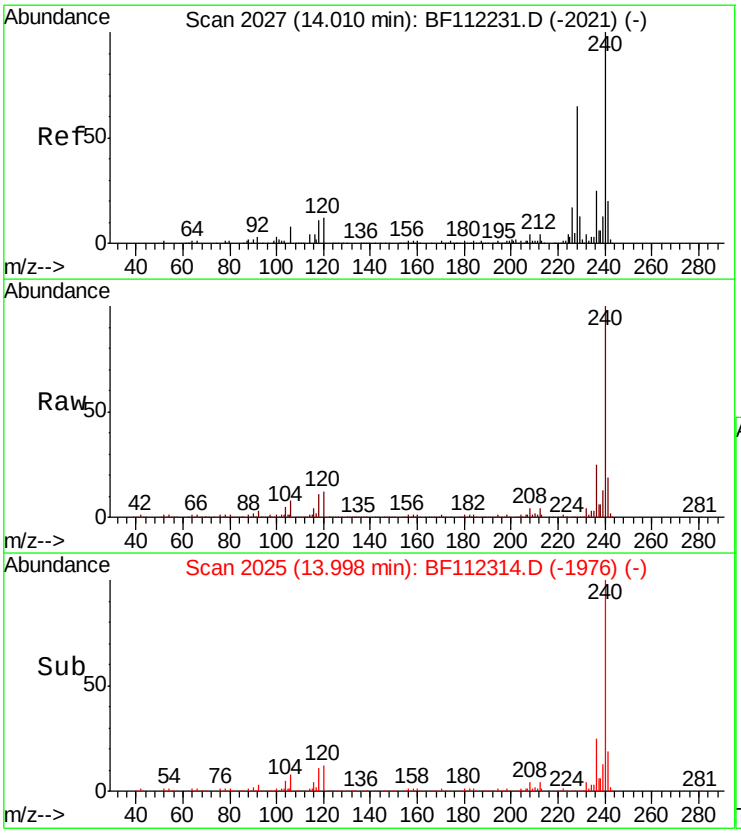
#67
4-Bromophenyl-phenylether
Concen: 3.208 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 16813

Ion	Ratio	Lower	Upper
248	100		
250	199.6	79.7	119.5#
141	536.7	60.3	90.5#

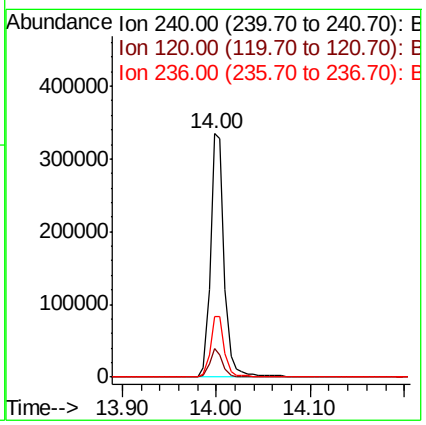


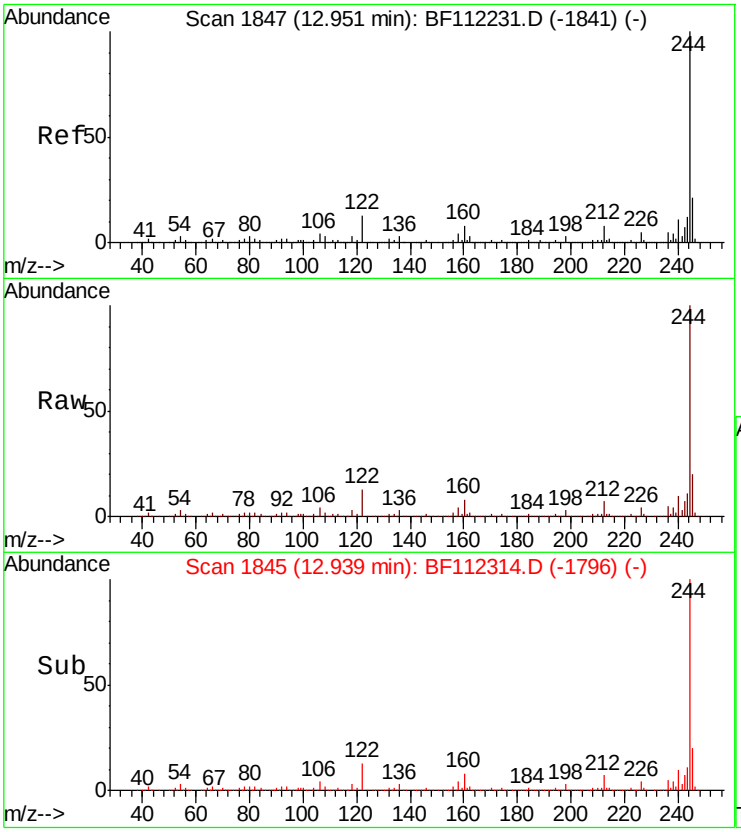


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Tgt Ion:240 Resp: 348256

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.0	13.6
236	25.1	20.7	31.1



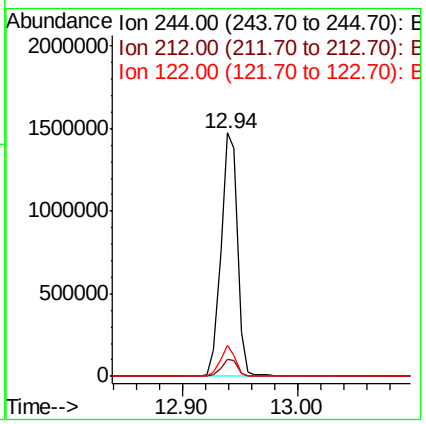


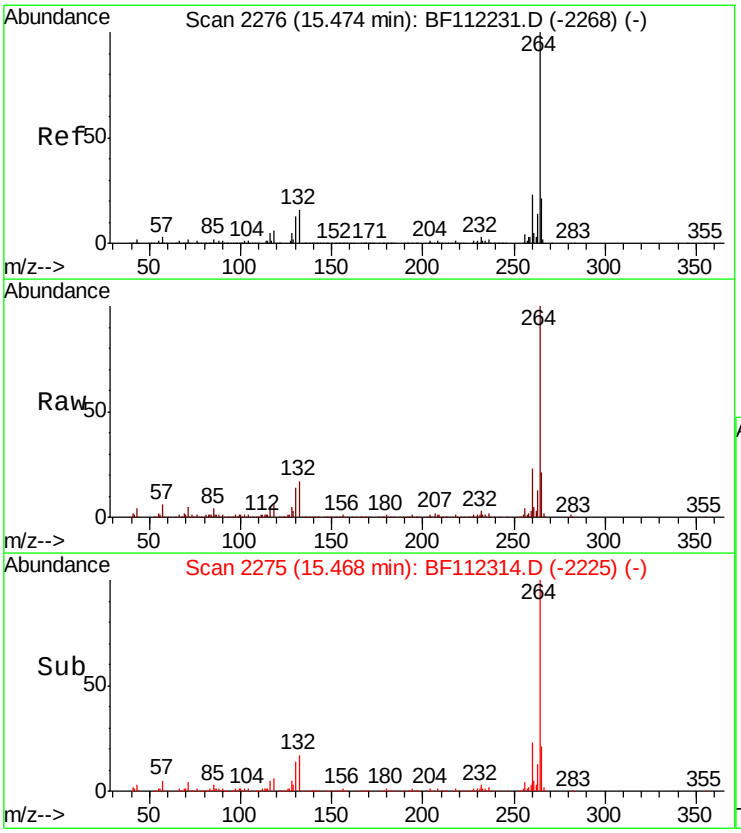
#79
Terphenyl-d14
Concen: 78.762 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112314.D
Acq: 30 Jan 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1456339

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	12.6	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: BF112314.D
Acq: 30 Jan 2019 10:43

Tgt Ion:264 Resp: 333412

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	21.2	17.0	25.4