Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091517\
Data File : BF098582.D
Acq On : 15 Sep 2017 21:29
Operator : SJ/JU
Sample : I5229-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UT5400S20

Quant Time: Sep 16 01:51:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	133507	20.00	ng		-0.03
21) Naphthalene-d8	7.93	136	556827	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	264482	20.00	ng		-0.02
63) Phenanthrene-d10	11.16	188	504714	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	394770	20.00	ng		-0.02
86) Perylene-d12	15.20	264	270969	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	975160	107.99	ng		-0.02
7) Phenol-d6	6.30	99	1233768	107.61	ng		-0.02
23) Nitrobenzene-d5	7.22	82	764103	76.50	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	255848	144.94	ng		-0.02
44) 2-Fluorobiphenyl	9.00	172	1353640	86.75	ng		-0.03
78) Terphenyl-d14	12.75	244	1241518	67.88	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.42	77	22644	3.021	ng		83
19) n-Nitroso-di-n-propylamine	7.22	70	102965	14.278	ng	#	77
25) Isophorone	7.22	82	750678	37.147	ng	#	67
49) Dimethylphthalate	9.40	163	234995	11.478	ng		98
56) 2,4-Dinitrotoluene	9.67	165	32354	6.328	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.47	198	598	5.138	ng	#	1
66) 4-Bromophenyl-phenylether	10.47	248	19824	4.138	ng	#	1

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

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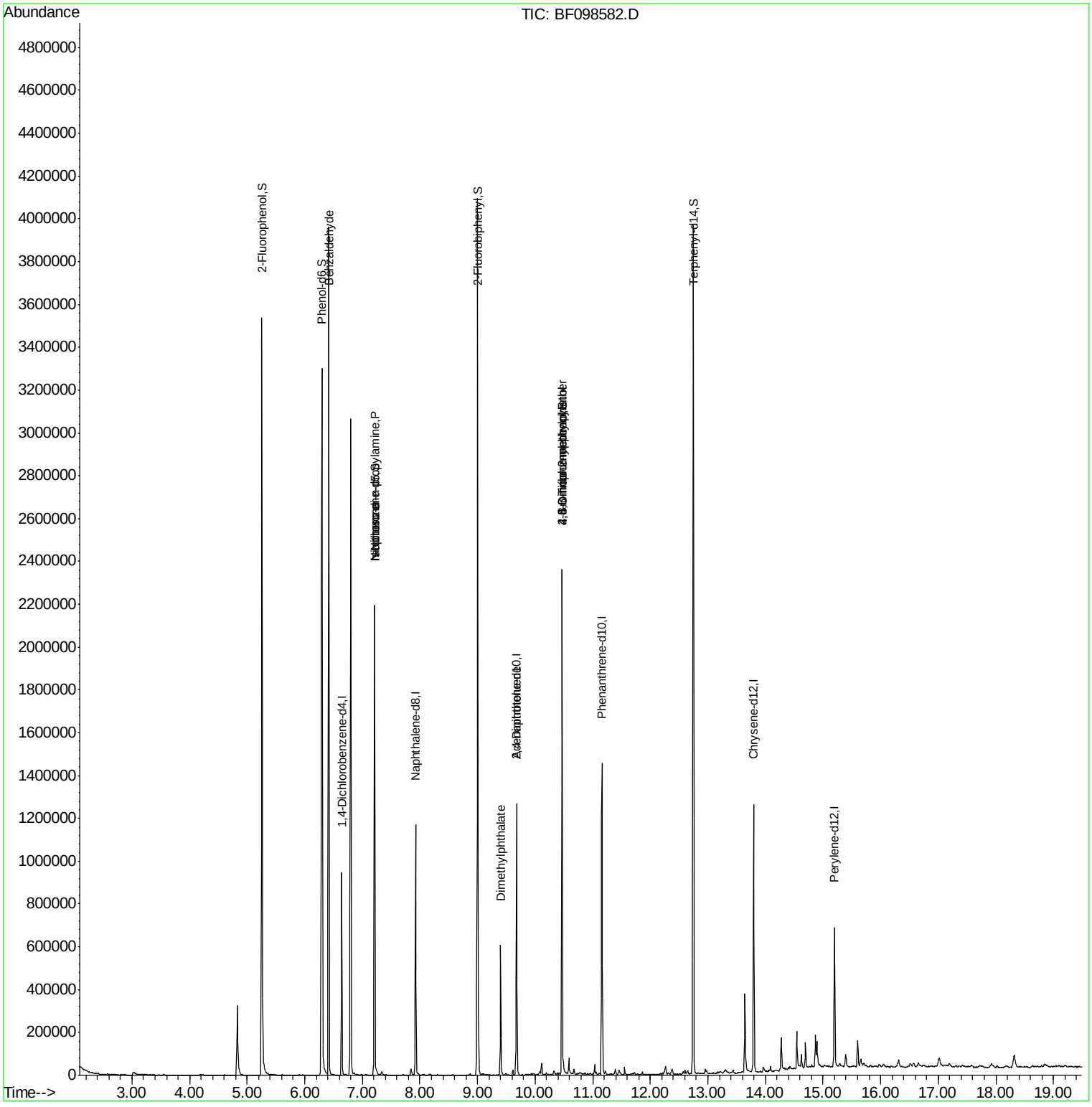
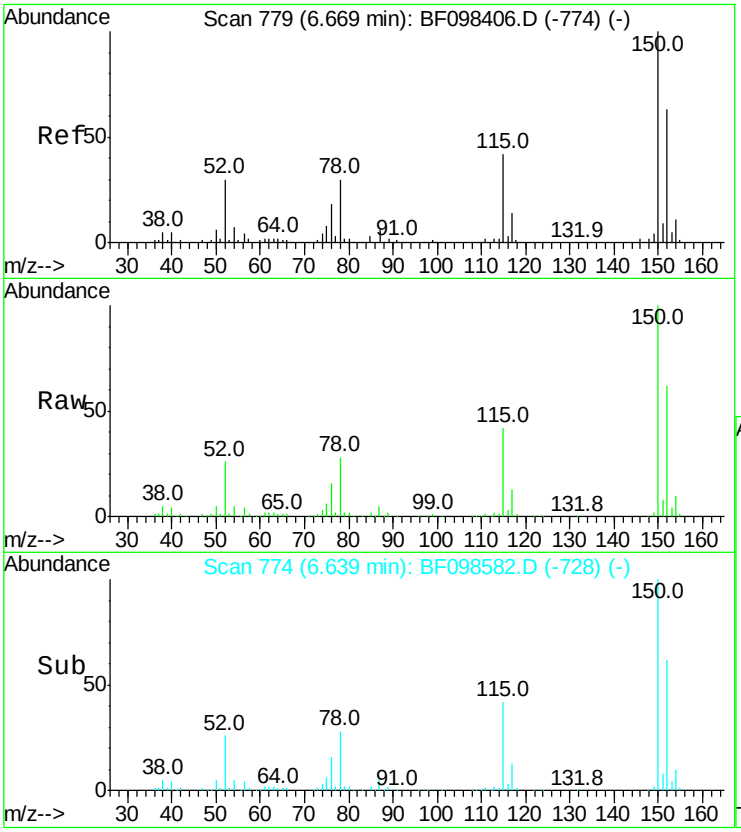


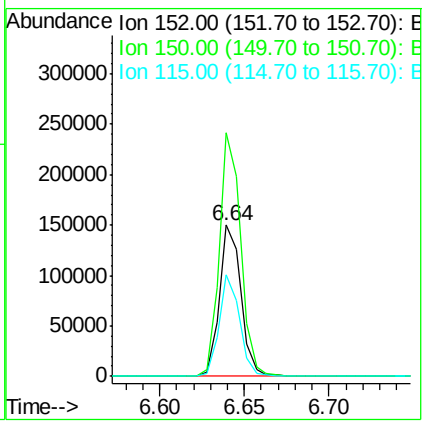


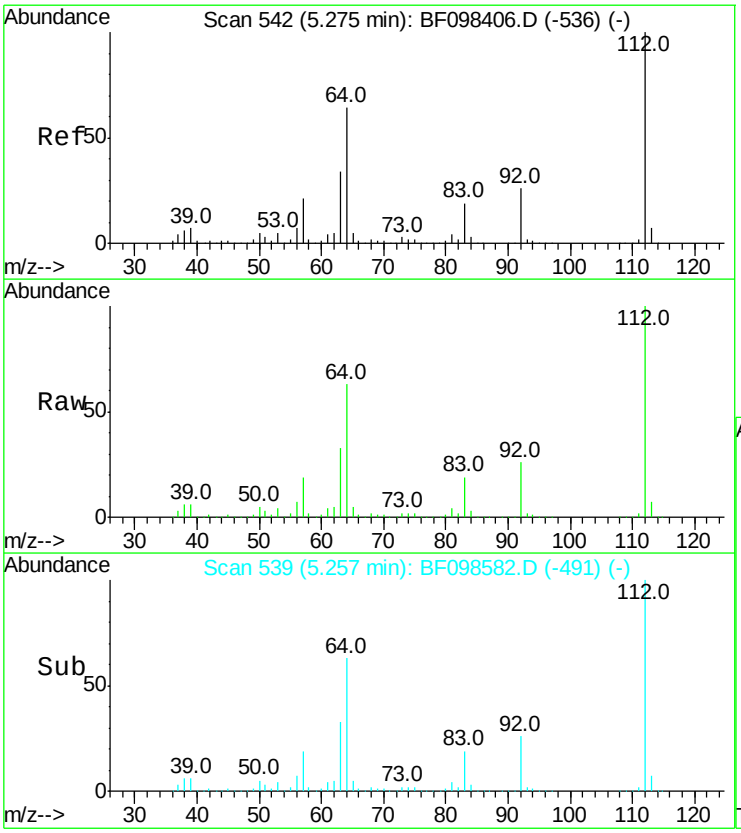
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.03 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Instrument :
BNA_F
ClientSampleId :
UT5400S20

Tgt Ion:152 Resp: 133507

Ion	Ratio	Lower	Upper
152	100		
150	161.1	126.2	189.2
115	67.5	52.2	78.2

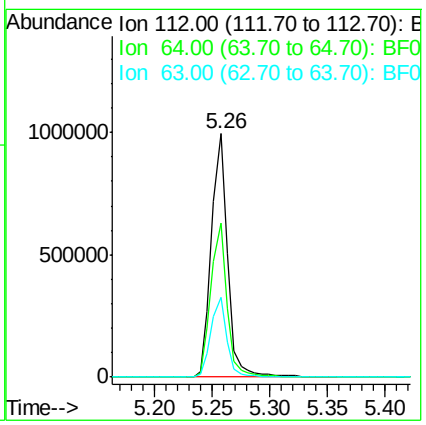


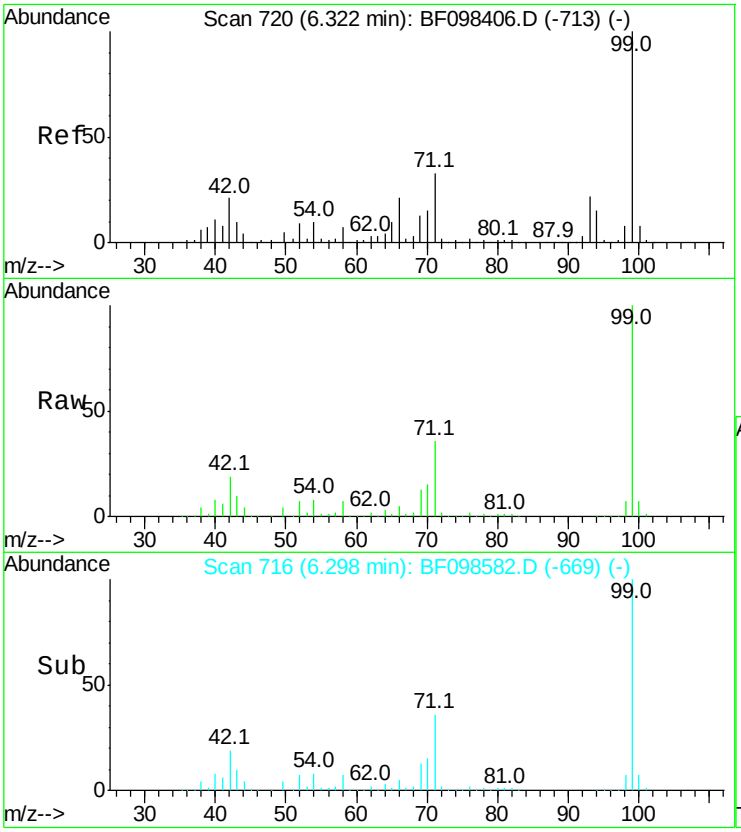


#5
2-Fluorophenol
Concen: 107.994 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Tgt Ion:112 Resp: 975160

Ion	Ratio	Lower	Upper
112	100		
64	63.1	46.0	69.0
63	32.7	23.4	35.0



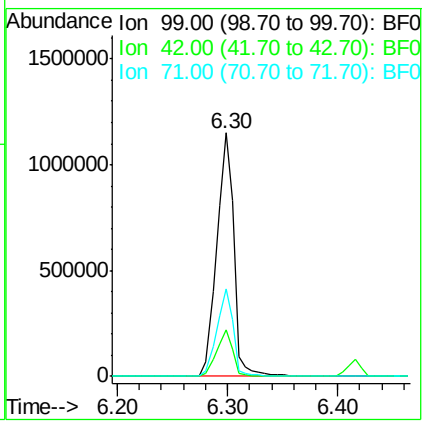


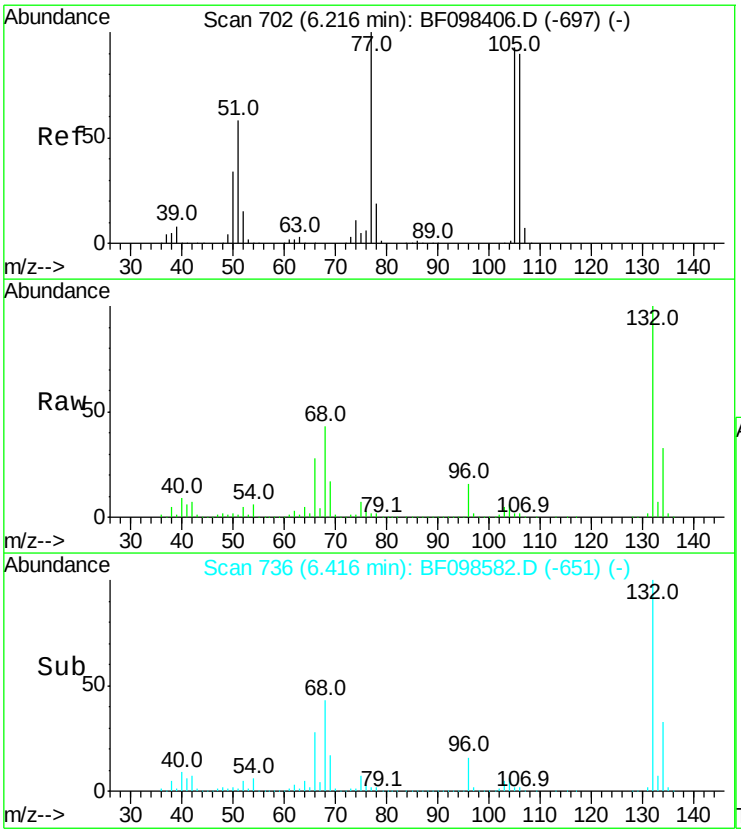
#7
Phenol-d6
Concen: 107.614 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Instrument :
BNA_F
ClientSampleId :
UT5400S20

Tgt Ion: 99 Resp: 1233768

Ion	Ratio	Lower	Upper
99	100		
42	18.9	13.5	20.3
71	36.1	24.5	36.7

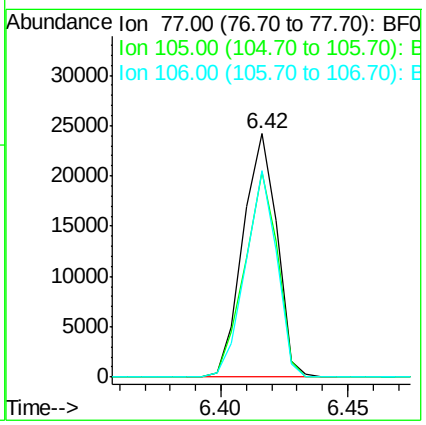


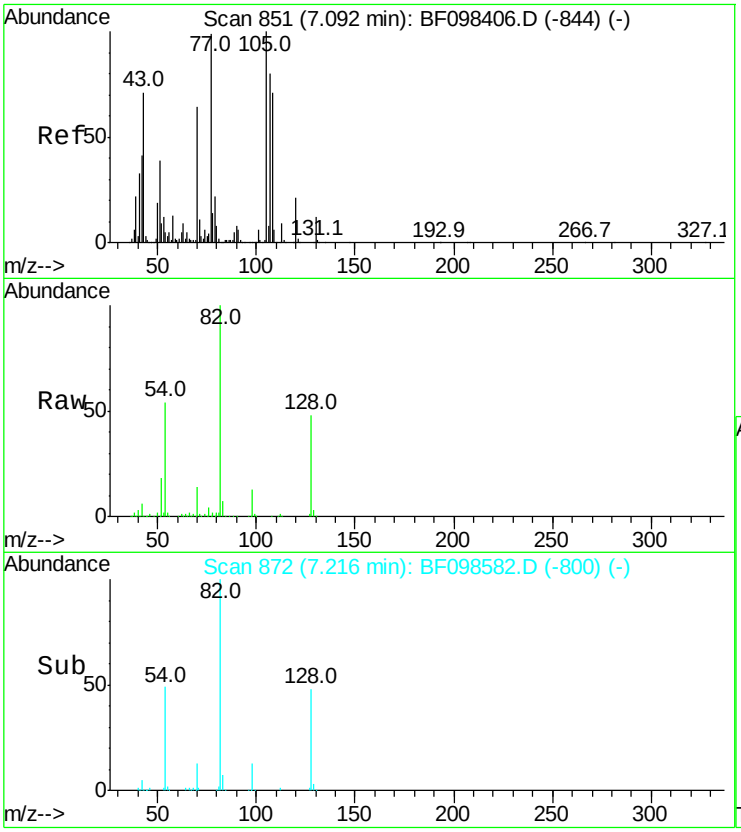


#9
Benzaldehyde
Concen: 3.021 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.20 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Tgt Ion: 77 Resp: 22644

Ion	Ratio	Lower	Upper
77	100		
105	84.0	83.8	123.8
106	84.6	79.1	119.1



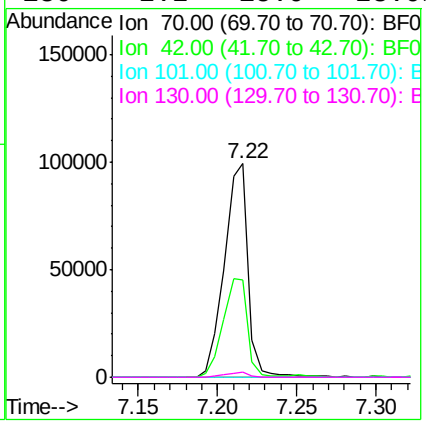


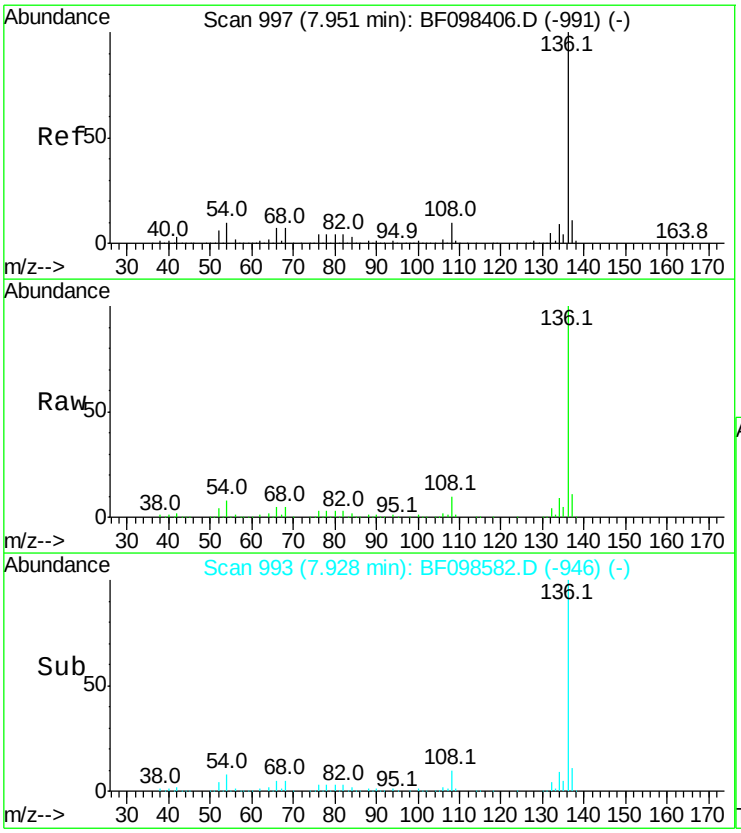
#19
n-Nitroso-di-n-propylamine
Concen: 14.278 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.12 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Instrument :
BNA_F
ClientSampleId :
UT5400S20

Tgt Ion: 70 Resp: 102965

Ion	Ratio	Lower	Upper
70	100		
42	45.7	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

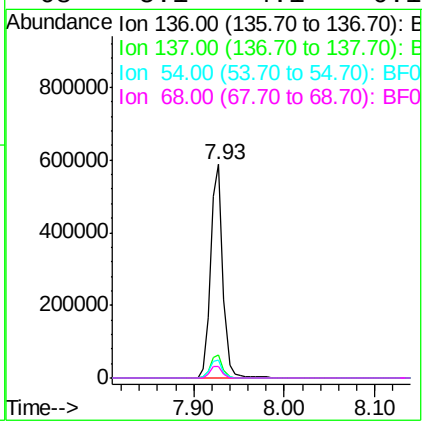


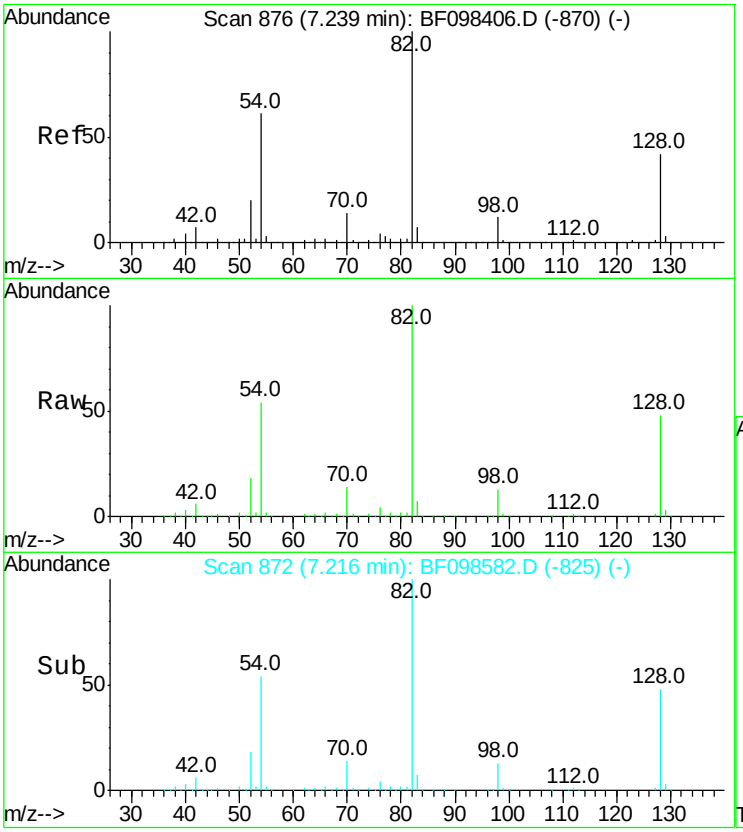


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Tgt Ion:136 Resp: 556827

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	8.3	4.9	7.3#
68	5.1	4.1	6.1



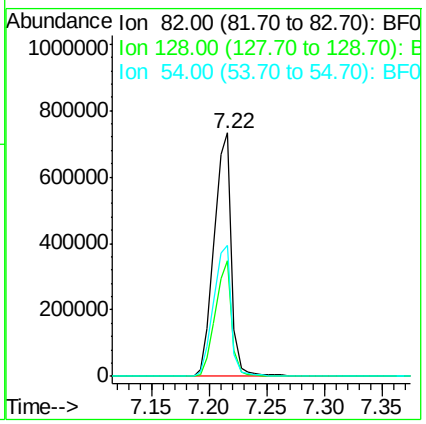


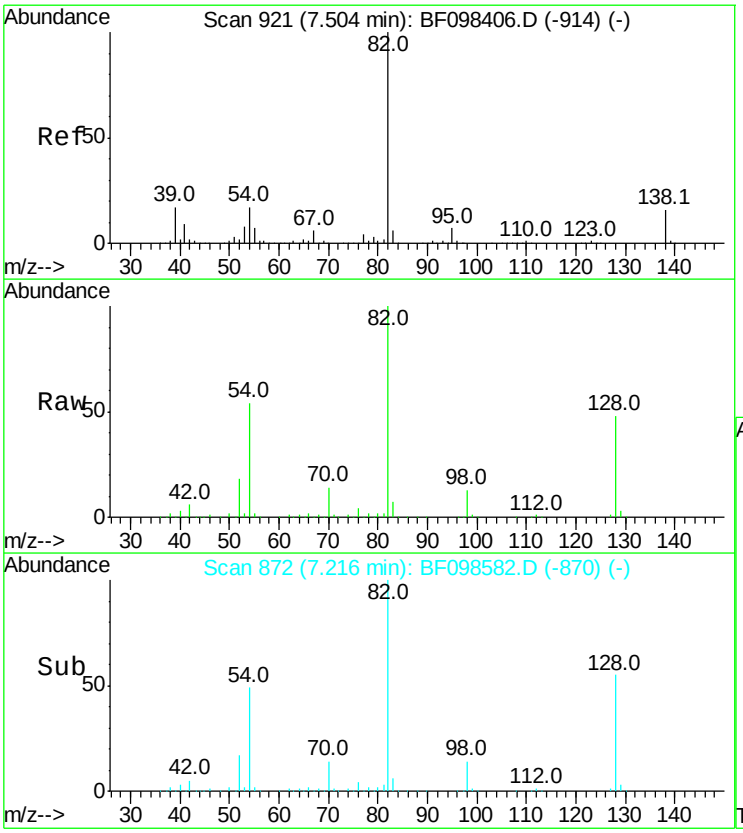
#23
Nitrobenzene-d5
Concen: 76.502 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Instrument :
BNA_F
ClientSampleId :
UT5400S20

Tgt Ion: 82 Resp: 764103

Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	53.7	42.2	63.2

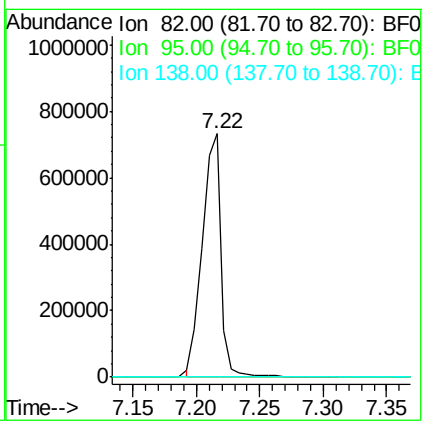


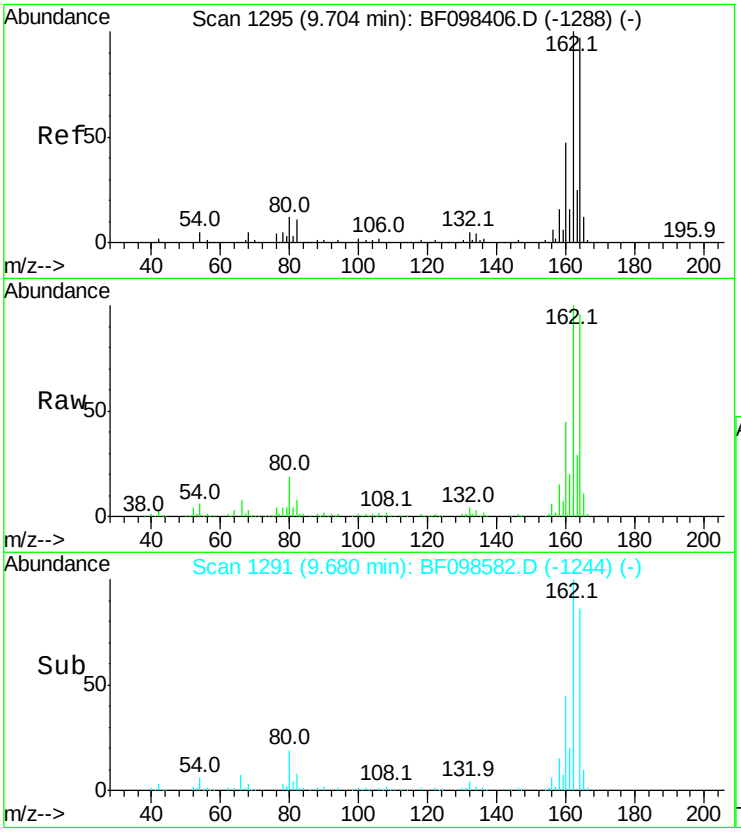


#25
Isophorone
Concen: 37.147 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.29 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Tgt Ion: 82 Resp: 750678

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



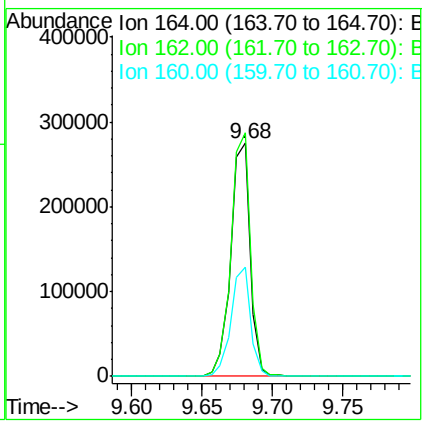


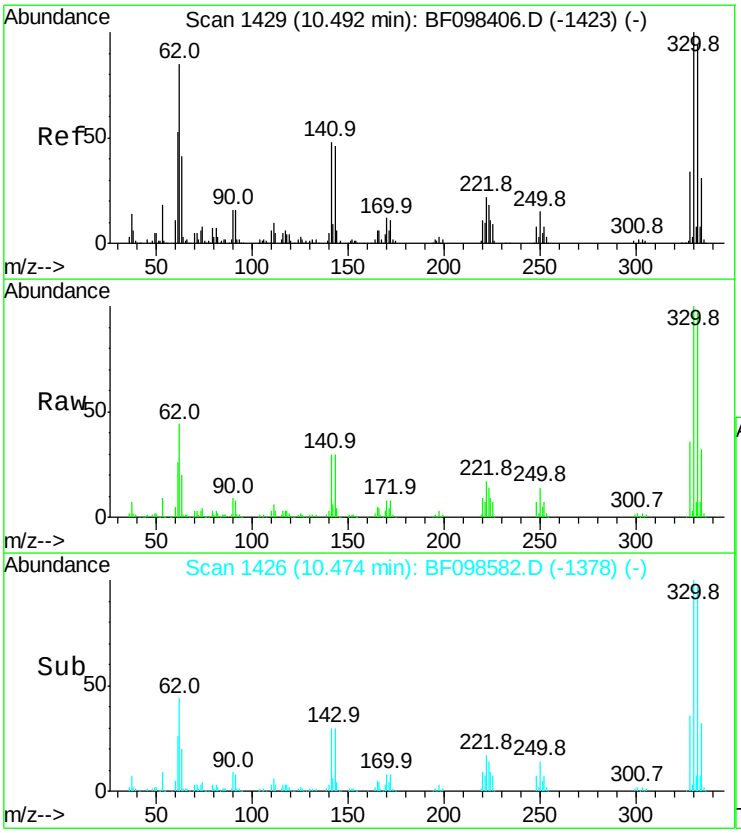
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Instrument :
BNA_F
ClientSampleId :
UT5400S20

Tgt Ion:164 Resp: 264482

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.6	123.8
160	47.0	36.2	54.2

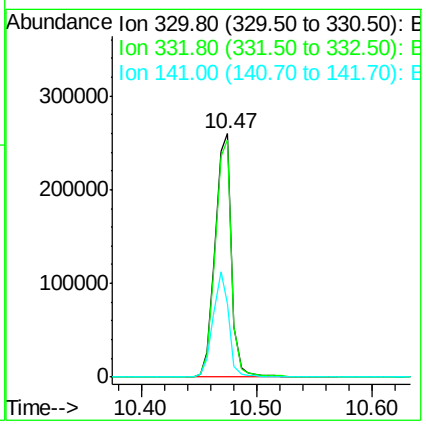


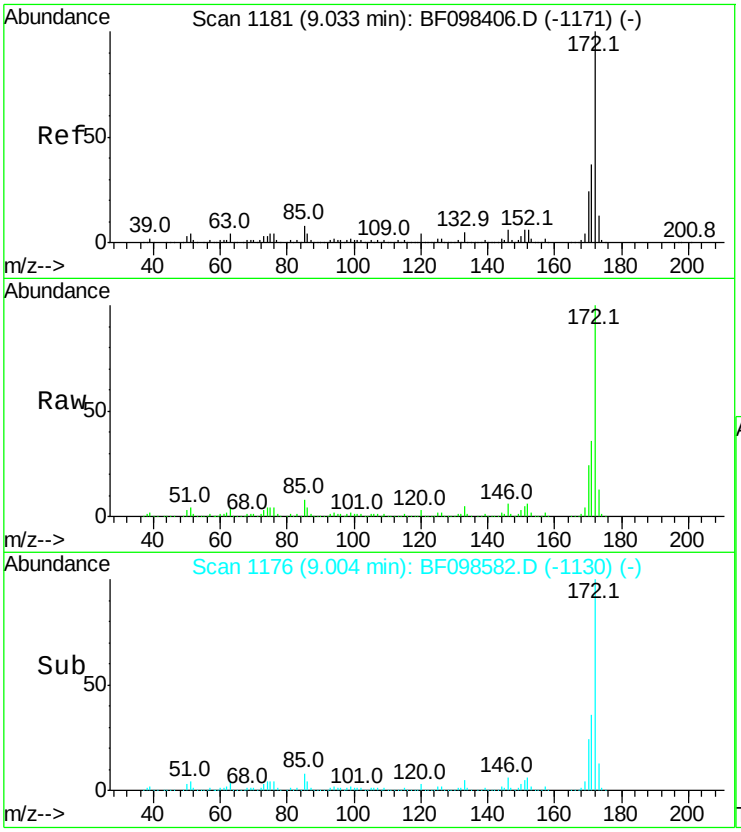


#41
2,4,6-Tribromophenol
Concen: 144.940 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Tgt Ion:330 Resp: 255848

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	41.8	31.4	47.2



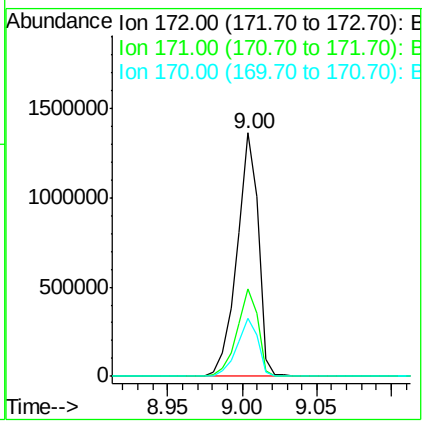


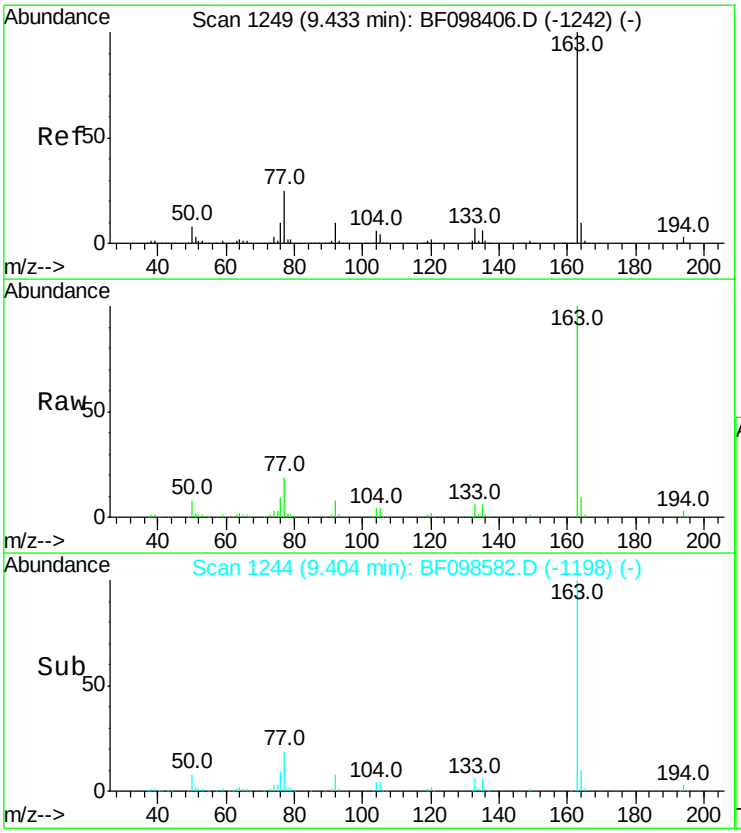
#44
2-Fluorobiphenyl
Concen: 86.747 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.03 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Instrument :
BNA_F
ClientSampleId :
UT5400S20

Tgt Ion:172 Resp: 1353640

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.8	19.8	29.8

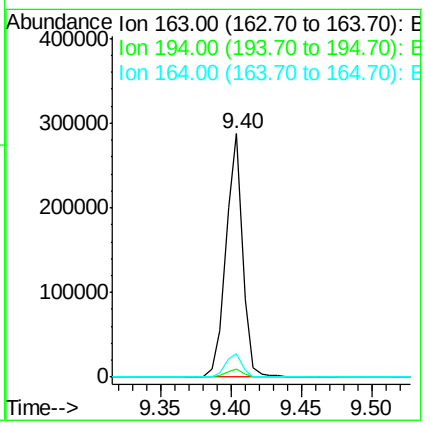


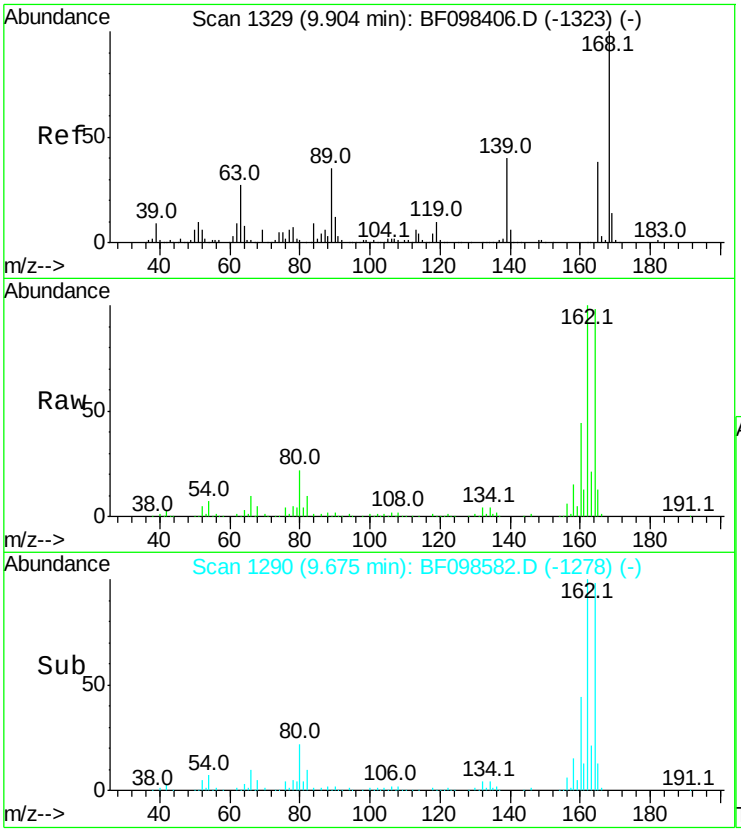


#49
Dimethylphthalate
Concen: 11.478 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Tgt Ion:163 Resp: 234995

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.6	8.4	12.6



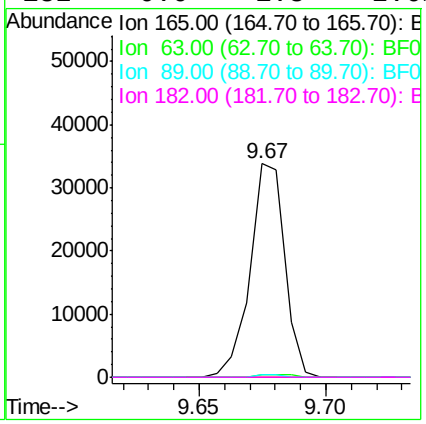


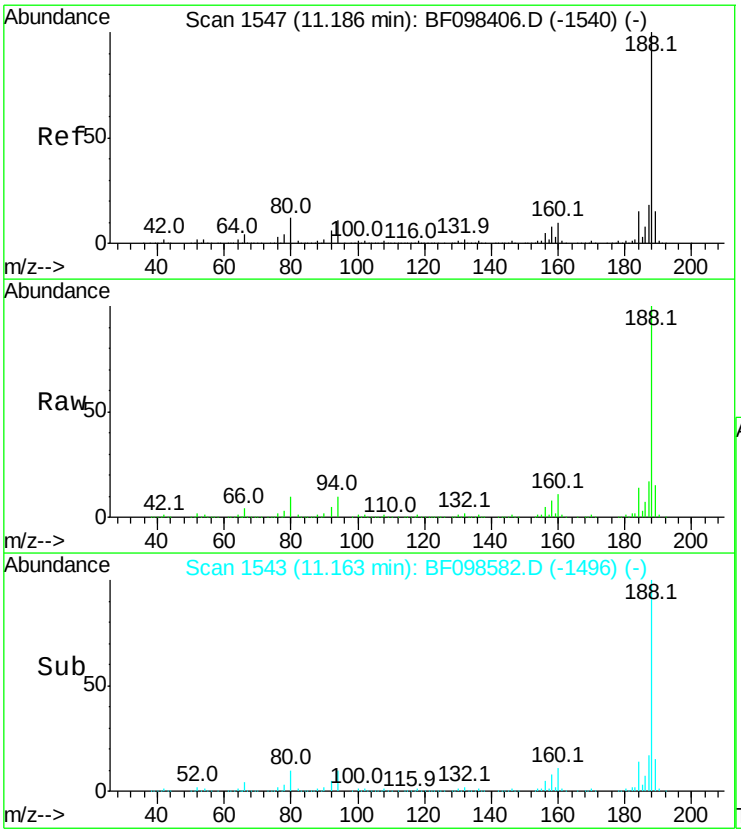
#56
2,4-Dinitrotoluene
Concen: 6.328 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.23 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Instrument : BNA_F
ClientSampleId : UT5400S20

Tgt Ion:165 Resp: 32354

Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

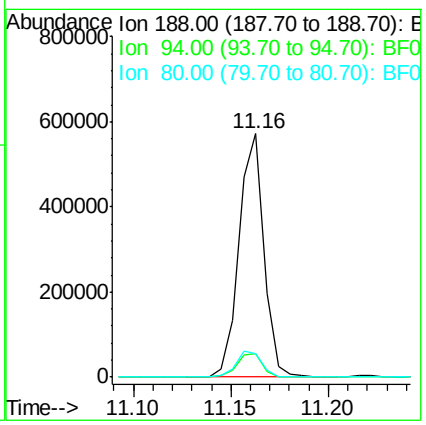


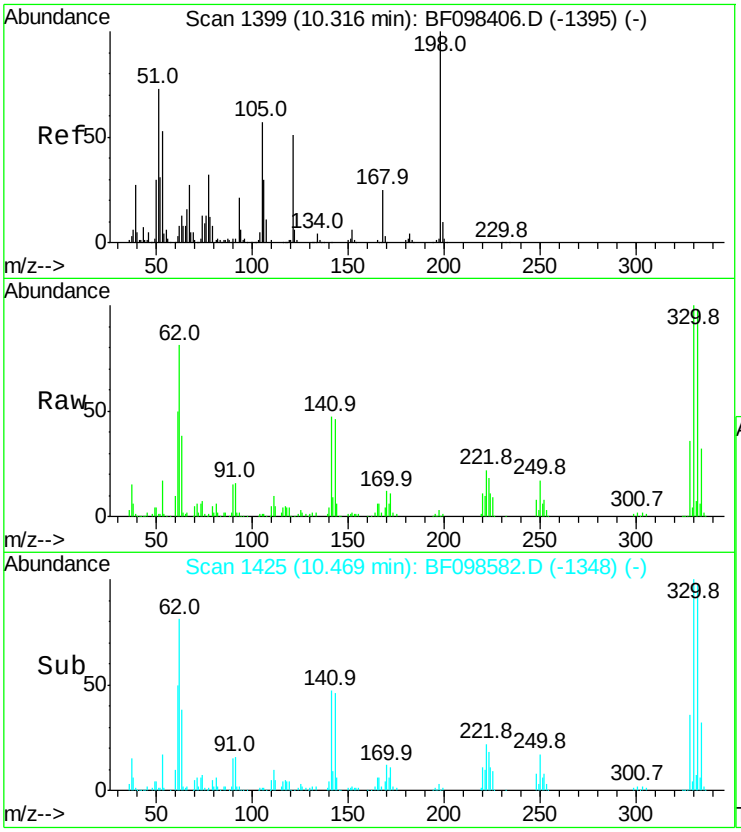


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Tgt Ion:188 Resp: 504714

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.4	14.2
80	9.7	10.2	15.2#



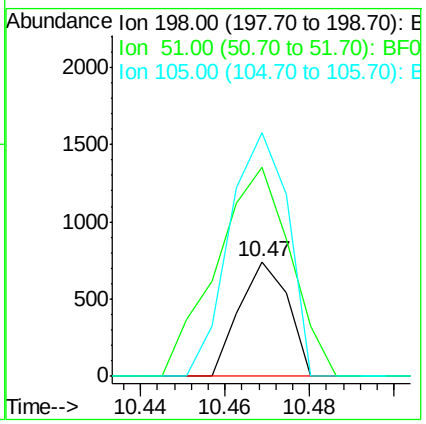


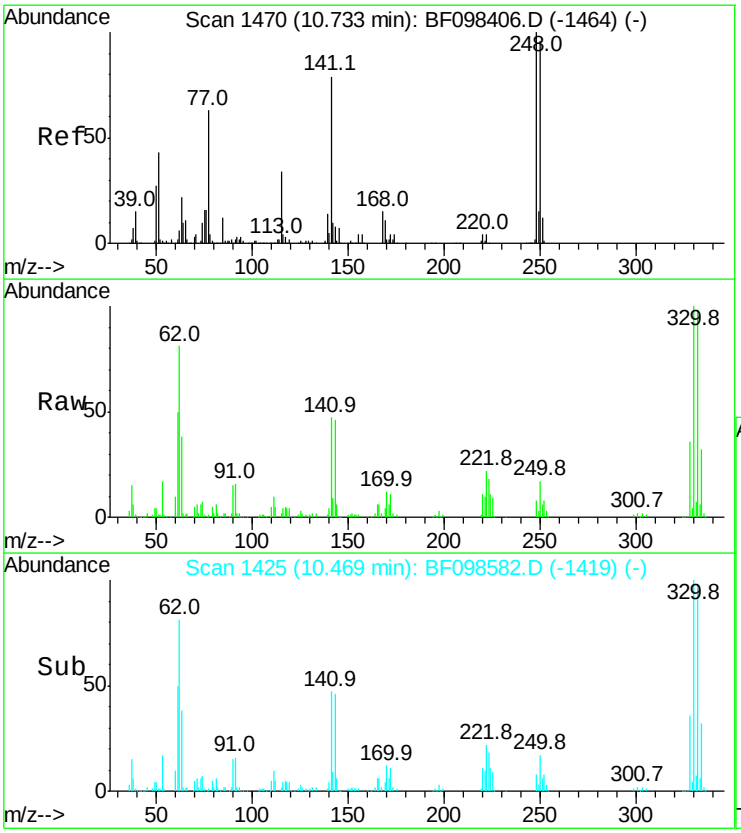
#64
4,6-Dinitro-2-methylphenol
Concen: 5.138 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.15 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Instrument :
BNA_F
ClientSampleId :
UT5400S20

Tgt Ion:198 Resp: 598

Ion	Ratio	Lower	Upper
198	100		
51	183.0	53.2	93.2#
105	212.7	45.8	85.8#

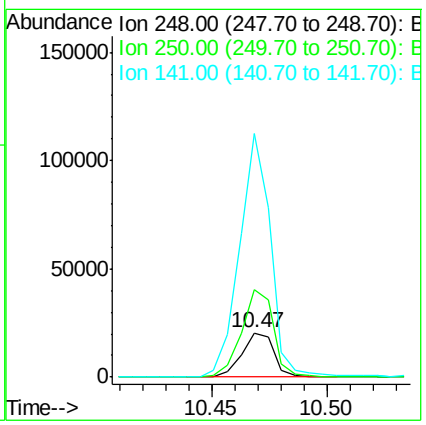


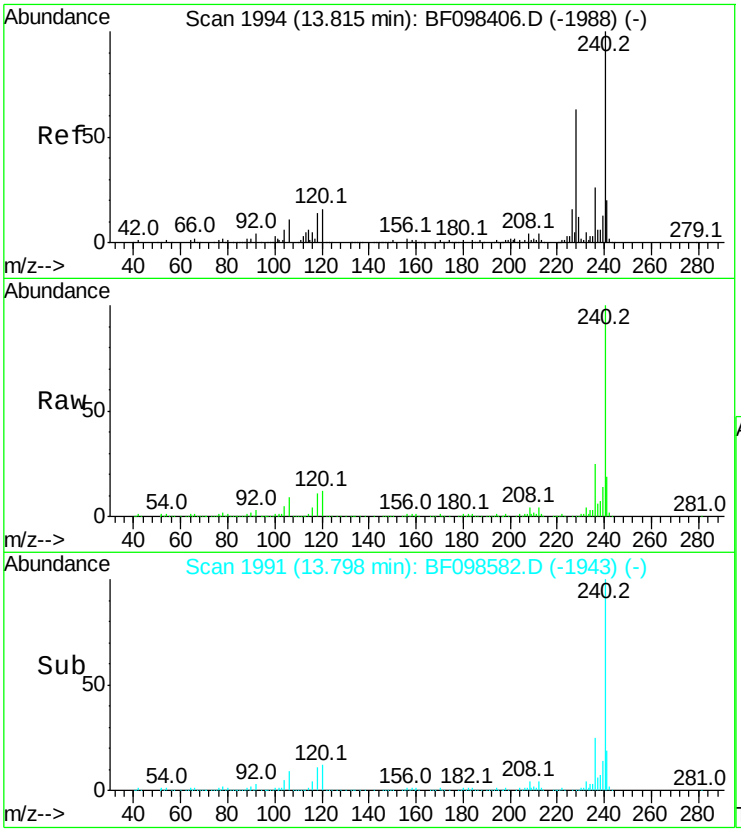


#66
4-Bromophenyl-phenylether
Concen: 4.138 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.26 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Tgt Ion:248 Resp: 19824

Ion	Ratio	Lower	Upper
248	100		
250	198.4	76.8	115.2#
141	553.1	68.6	103.0#



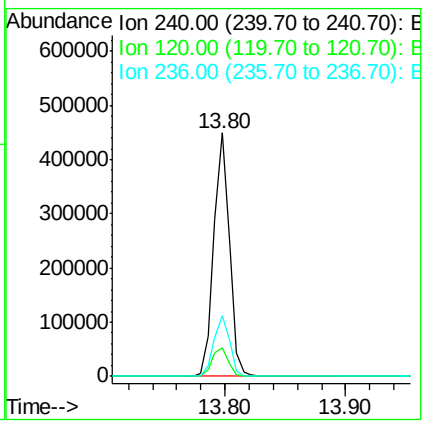


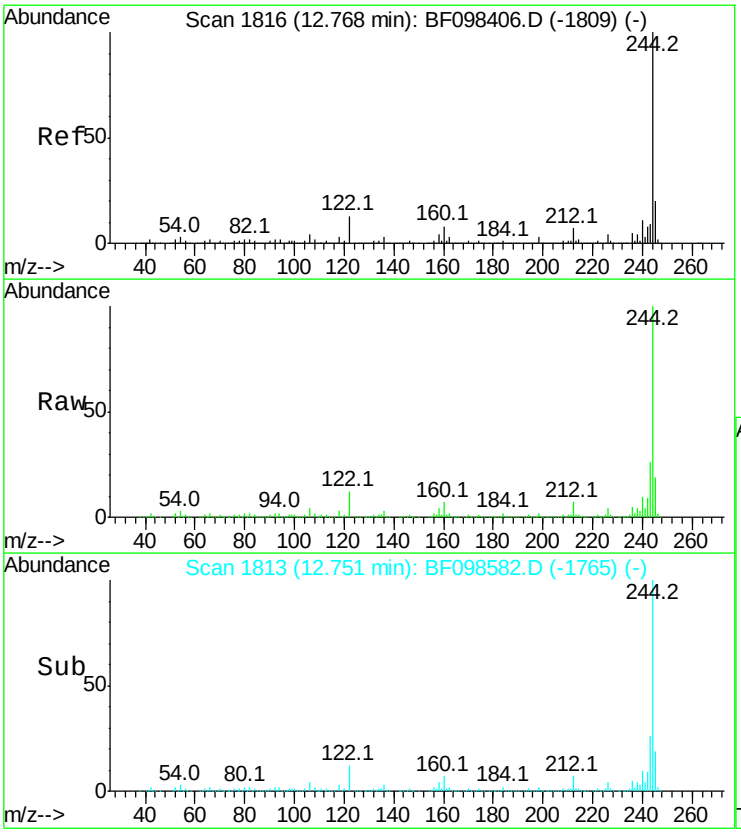
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Instrument :
BNA_F
ClientSampleId :
UT5400S20

Tgt Ion:240 Resp: 394770

Ion	Ratio	Lower	Upper
240	100		
120	12.0	5.8	8.8#
236	25.1	20.5	30.7

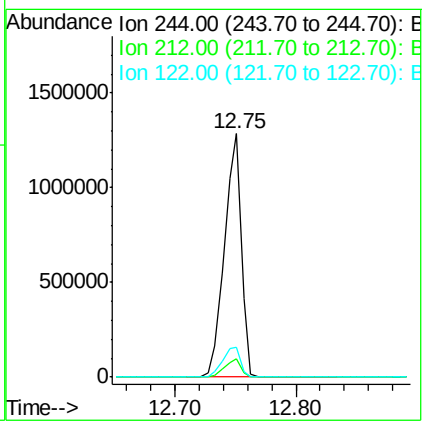


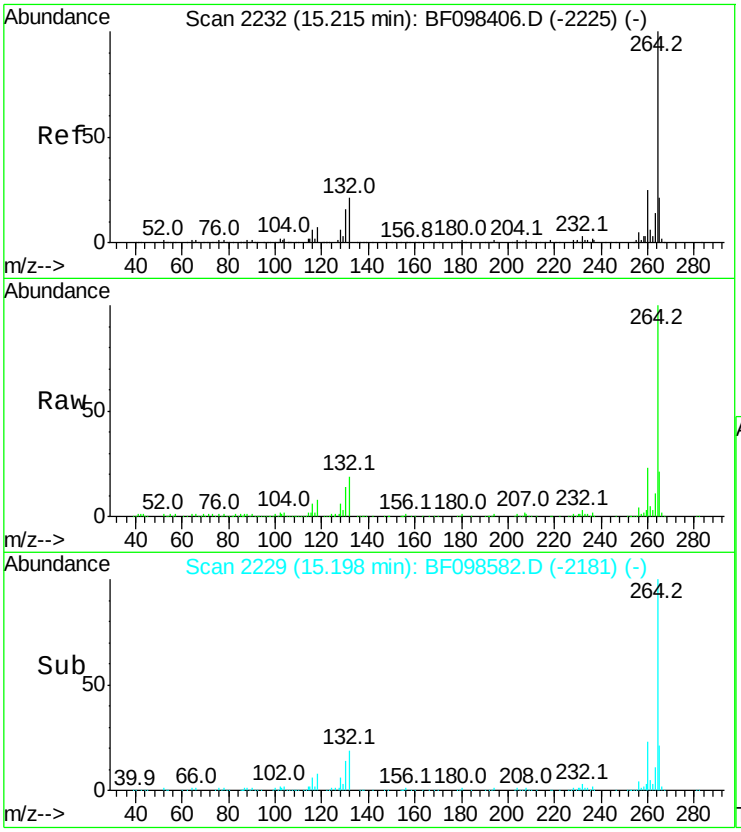


#78
Terphenyl-d14
Concen: 67.882 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Tgt Ion:244 Resp: 1241518

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.0	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Instrument :
BNA_F
ClientSampleId :
UT5400S20

Tgt Ion:264 Resp: 270969

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.0	17.2	25.8