Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091917\
Data File : BF098648.D
Acq On : 19 Sep 2017 18:28
Operator : SJ/JU
Sample : I5276-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-ENV-117-4(0-5)

Quant Time: Sep 20 01:21:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	110657	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	474672	20.00	ng		-0.01
38) Acenaphthene-d10	9.66	164	245013	20.00	ng		-0.01
63) Phenanthrene-d10	11.15	188	605873	20.00	ng		0.00
75) Chrysene-d12	13.78	240	526466	20.00	ng		0.00
86) Perylene-d12	15.18	264	496429	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	874786	116.88	ng		0.00
7) Phenol-d6	6.29	99	1146951	120.70	ng		0.00
23) Nitrobenzene-d5	7.20	82	607101	71.30	ng		-0.01
41) 2,4,6-Tribromophenol	10.46	330	259544	158.72	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	1016912	70.35	ng		-0.01
78) Terphenyl-d14	12.73	244	1377090	56.46	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.40	77	20514	3.30	ng		83
19) n-Nitroso-di-n-propylamine	7.20	70	81489	13.63	ng	#	81
25) Isophorone	7.20	82	607096	35.24	ng	#	67
49) Dimethylphthalate	9.39	163	128882	6.80	ng		99
56) 2,4-Dinitrotoluene	9.66	165	31244	6.60	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.45	198	748	5.14	ng	#	1
66) 4-Bromophenyl-phenylether	10.45	248	19918	3.46	ng	#	1
69) Pentachlorophenol	10.99	266	759	7.21	ng	#	21

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

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SASP2P-ENV-117-4(0-5)

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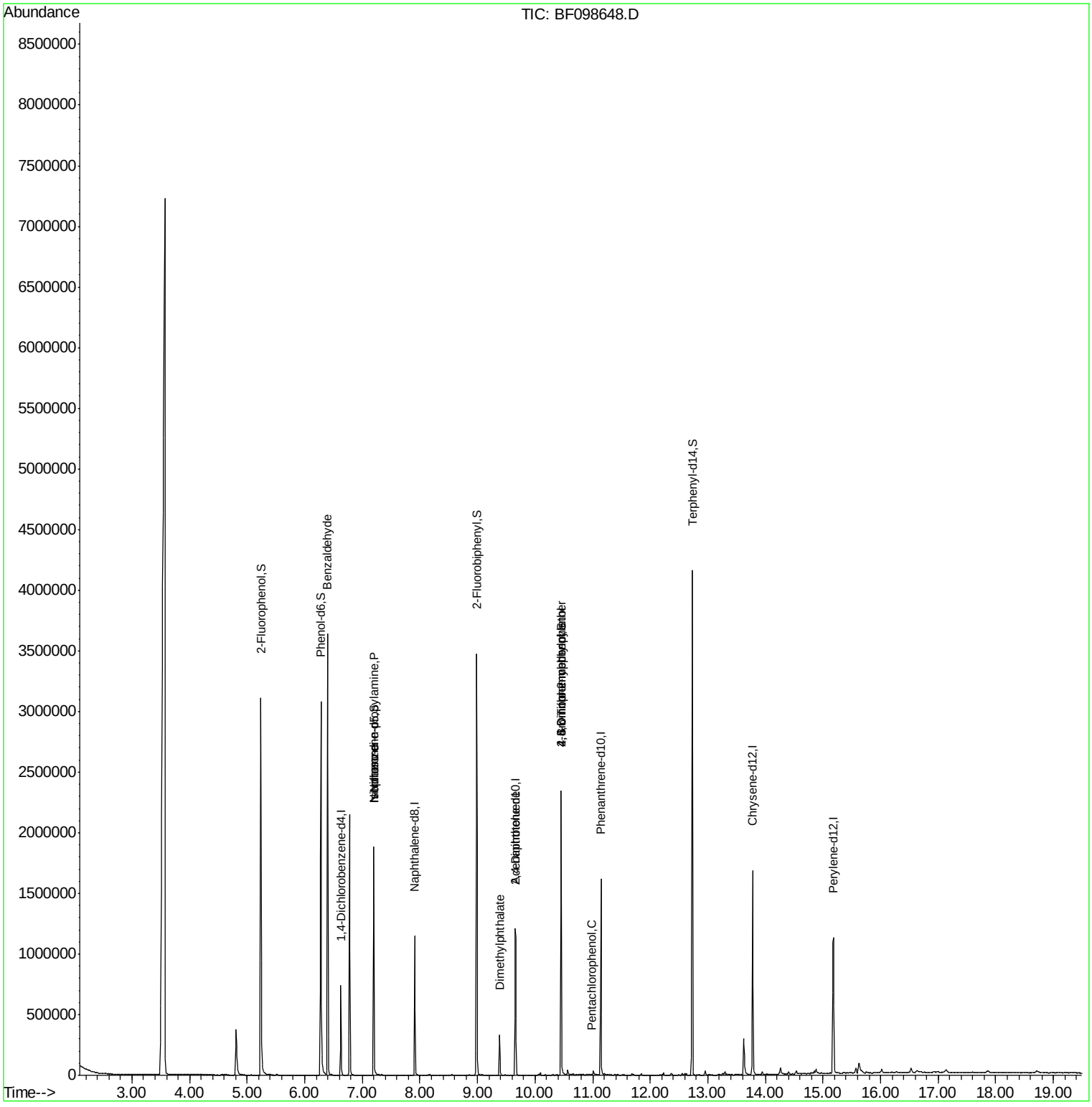
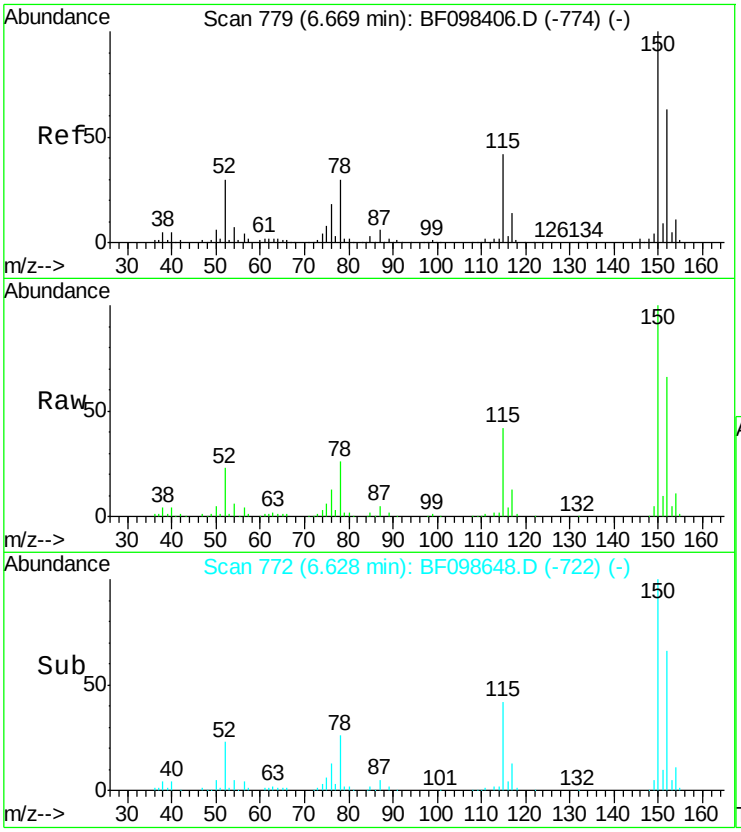


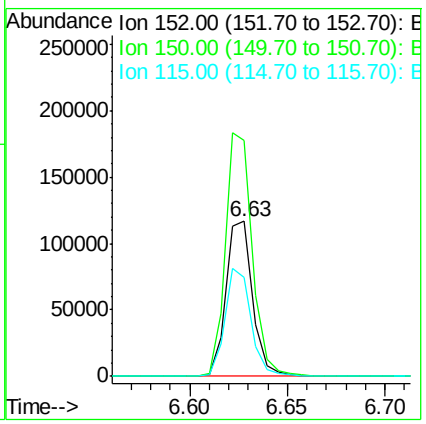


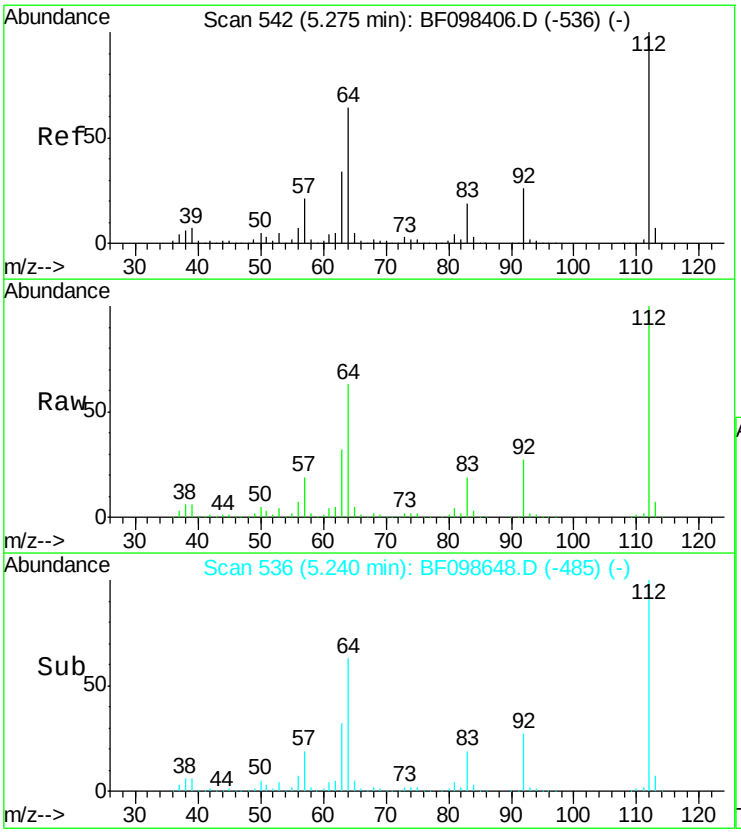
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF098648.D
Acq: 19 Sep 2017 18:28

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)

Tgt Ion:152 Resp: 110657

Ion	Ratio	Lower	Upper
152	100		
150	152.4	126.2	189.2
115	64.2	52.2	78.2

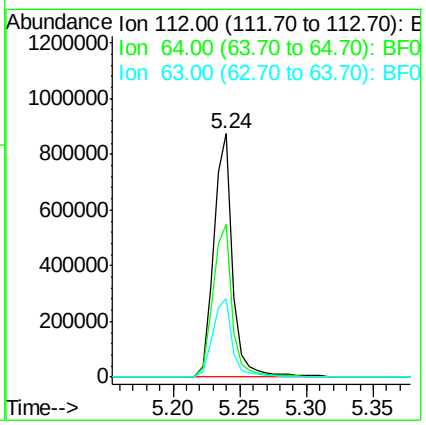


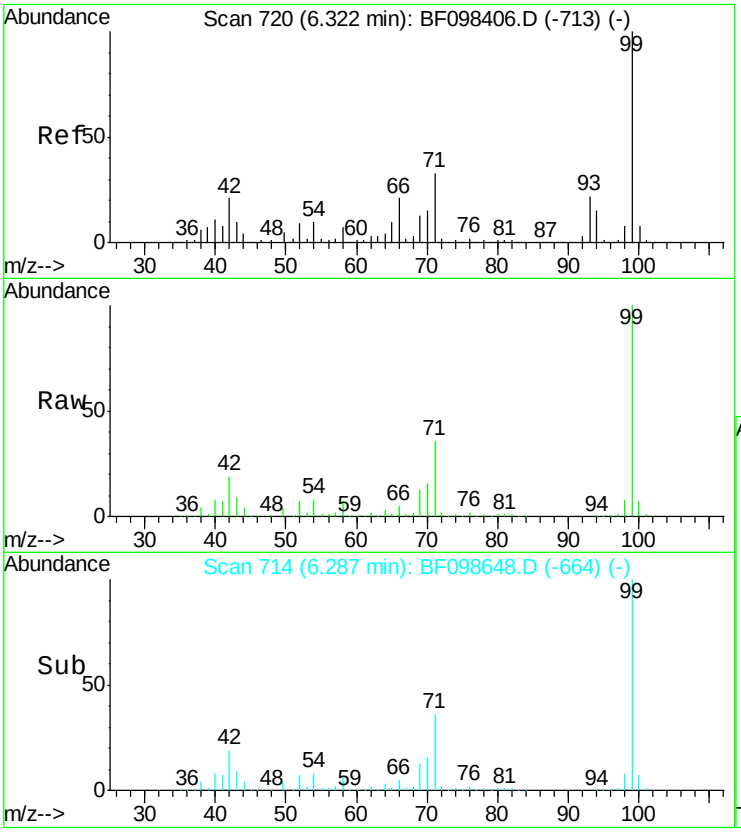


#5
2-Fluorophenol
Concen: 116.88 ng
RT: 5.24 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF098648.D
Acq: 19 Sep 2017 18:28

Tgt Ion:112 Resp: 874786

Ion	Ratio	Lower	Upper
112	100		
64	62.6	46.0	69.0
63	32.3	23.4	35.0



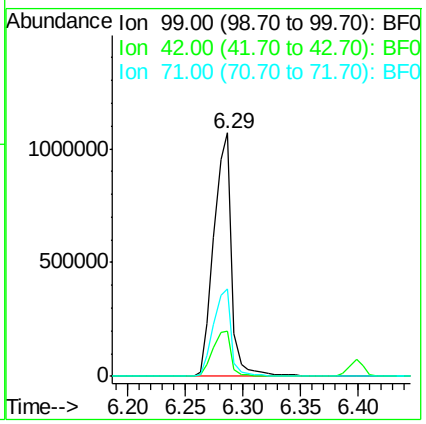


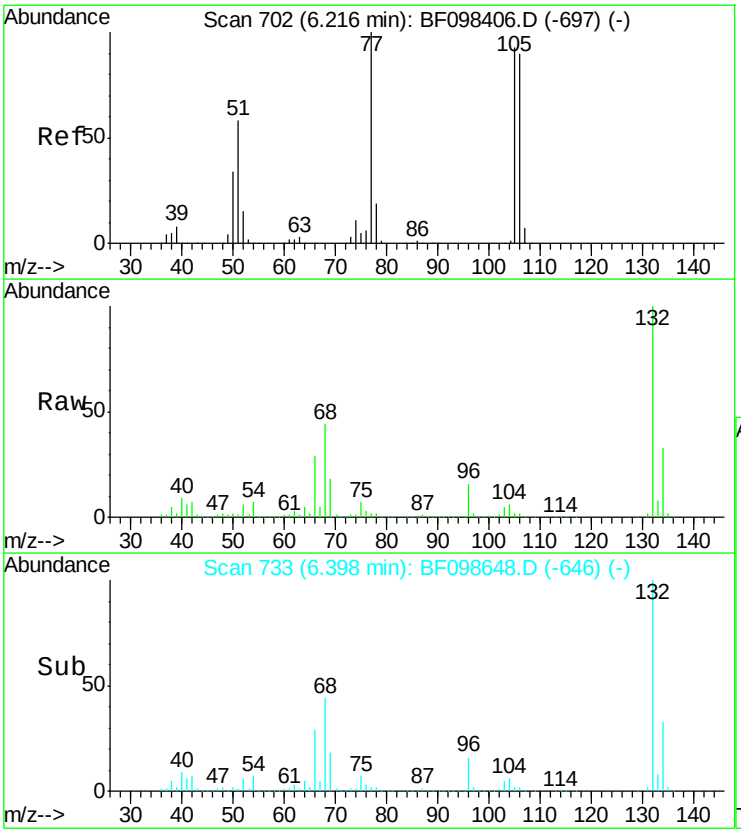
#7
Phenol-d6
Concen: 120.70 ng
RT: 6.29 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF098648.D
Acq: 19 Sep 2017 18:28

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)

Tgt Ion: 99 Resp: 1146951

Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.5	20.3
71	35.9	24.5	36.7

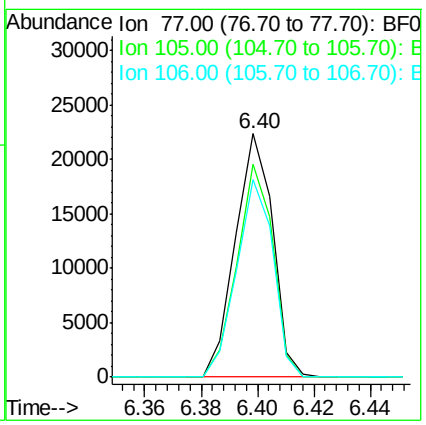


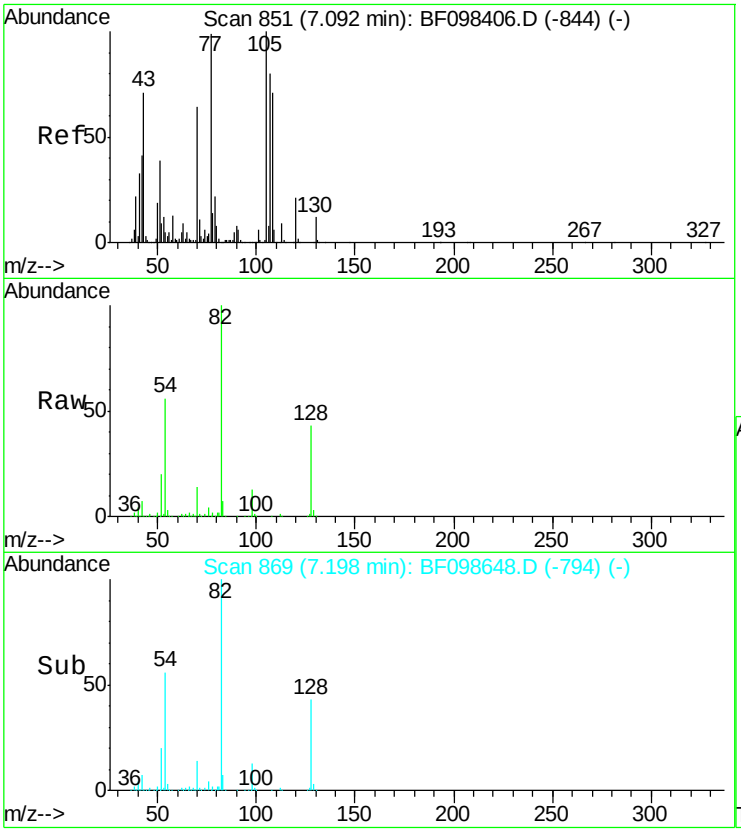


#9
Benzaldehyde
Concen: 3.30 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.21 min
Lab File: BF098648.D
Acq: 19 Sep 2017 18:28

Tgt Ion: 77 Resp: 20514

Ion	Ratio	Lower	Upper
77	100		
105	87.4	83.8	123.8
106	81.0	79.1	119.1



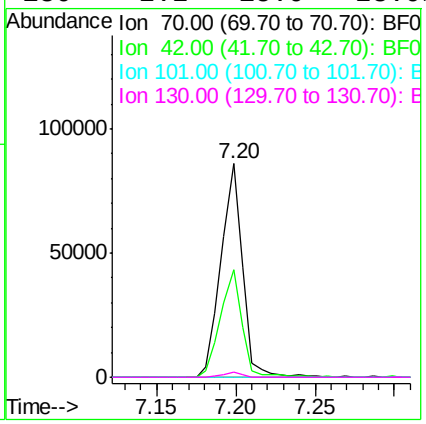


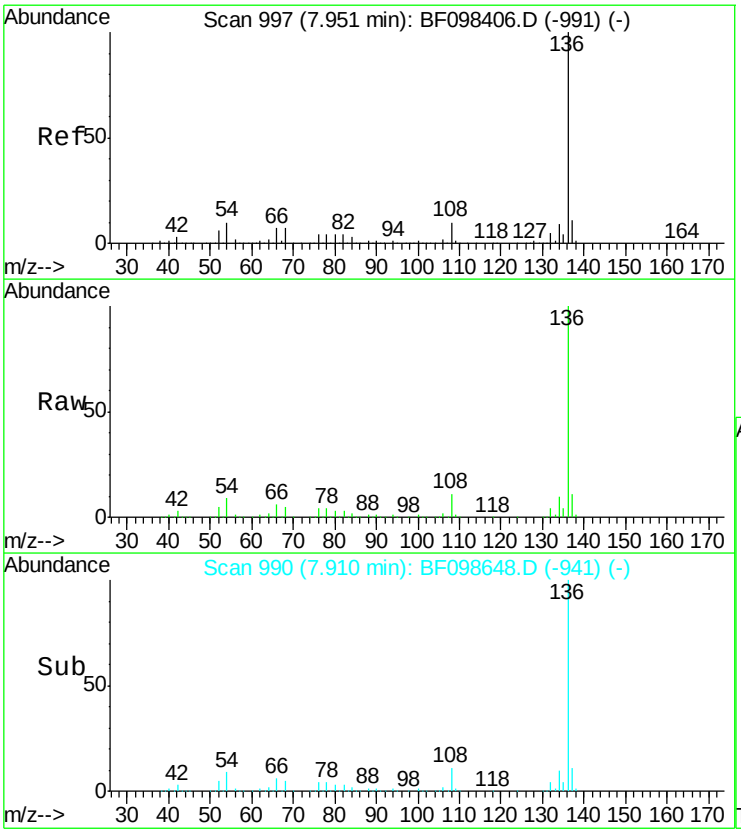
#19
n-Nitroso-di-n-propylamine
Concen: 13.63 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.14 min
Lab File: BF098648.D
Acq: 19 Sep 2017 18:28

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)

Tgt Ion: 70 Resp: 81489

Ion	Ratio	Lower	Upper
70	100		
42	50.4	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

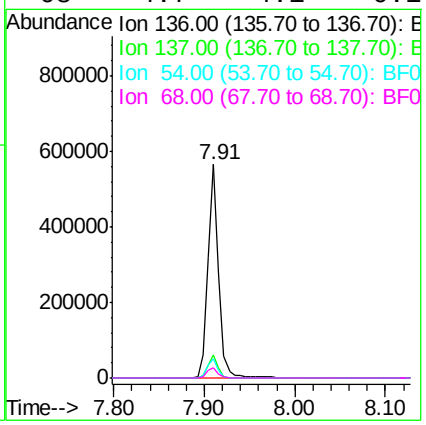


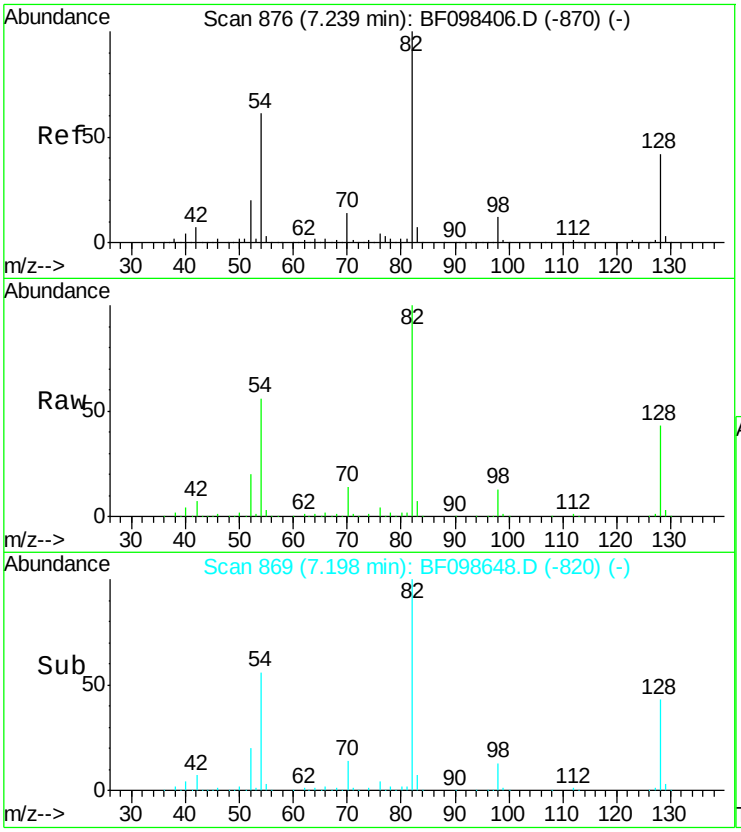


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF098648.D
Acq: 19 Sep 2017 18:28

Tgt Ion:136 Resp: 474672

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	8.9	4.9	7.3#
68	4.7	4.1	6.1



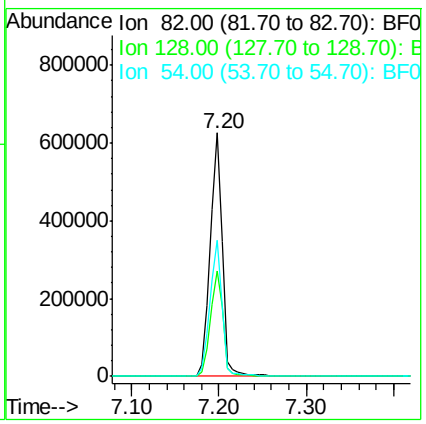


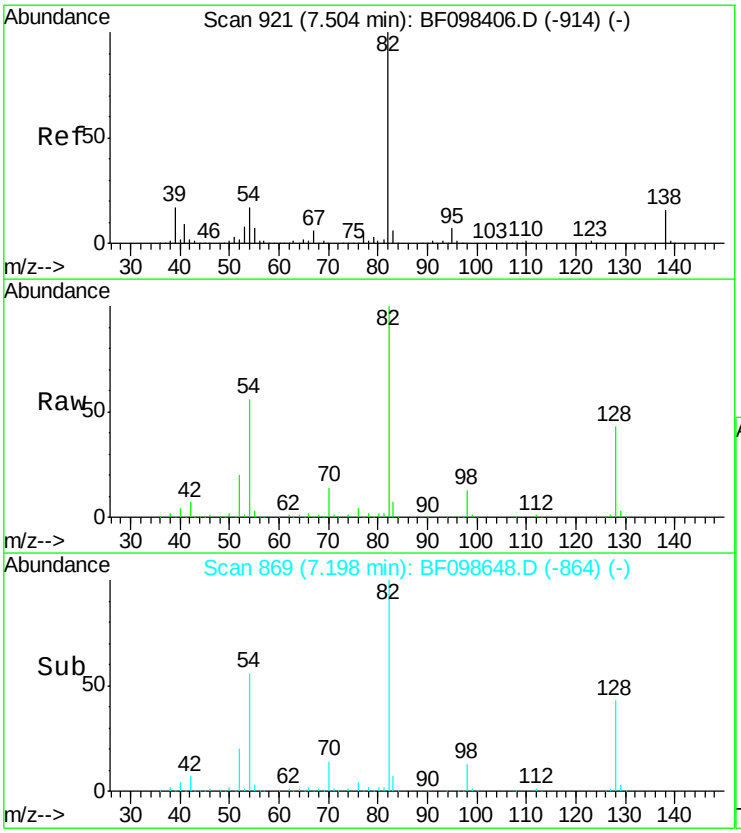
#23
Nitrobenzene-d5
Concen: 71.30 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF098648.D
Acq: 19 Sep 2017 18:28

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)

Tgt Ion: 82 Resp: 607101

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.0	51.0
54	56.1	42.2	63.2

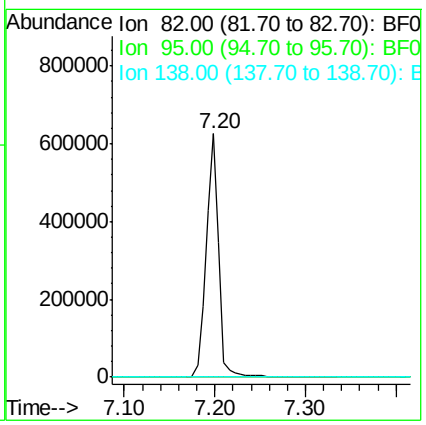


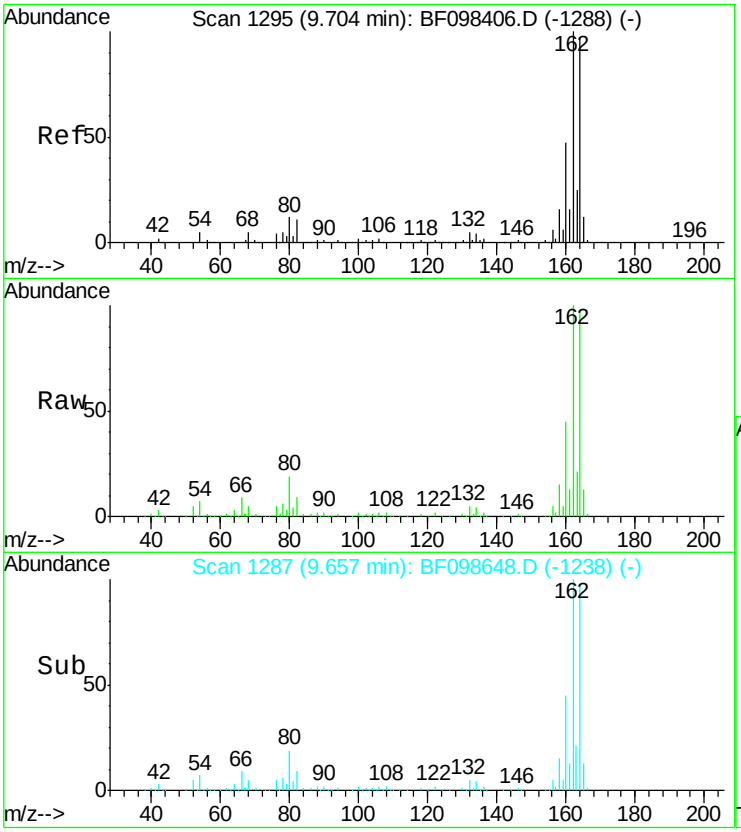


#25
Isophorone
Concen: 35.24 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.27 min
Lab File: BF098648.D
Acq: 19 Sep 2017 18:28

Tgt Ion: 82 Resp: 607096

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



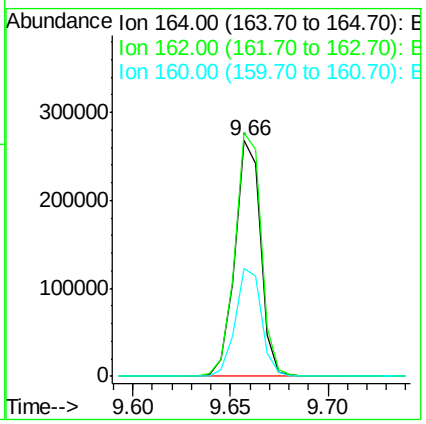


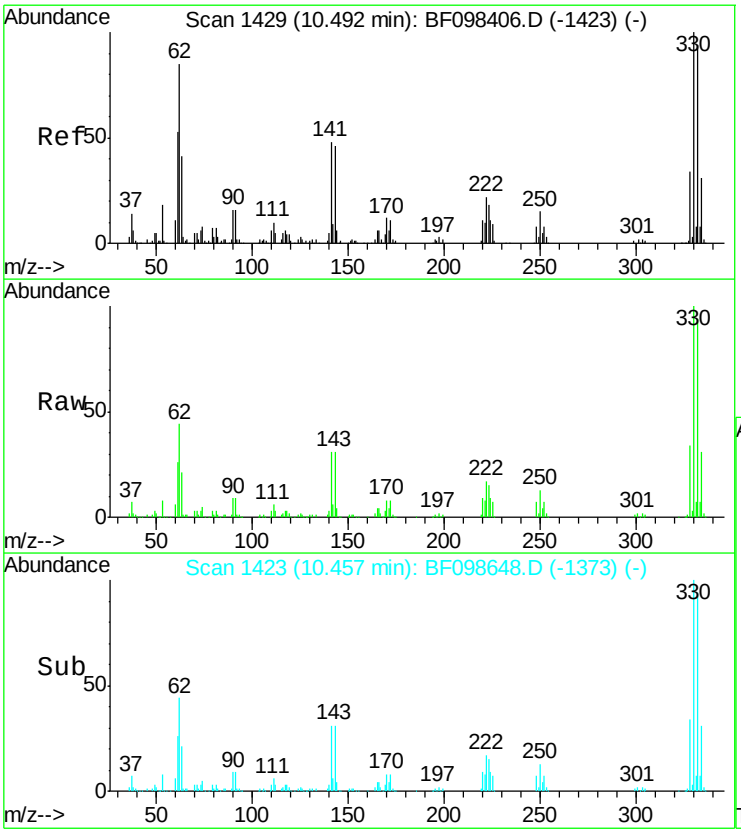
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF098648.D
Acq: 19 Sep 2017 18:28

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)

Tgt Ion:164 Resp: 245013

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	46.1	36.2	54.2

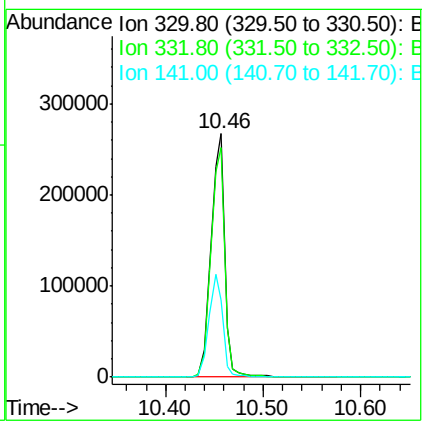


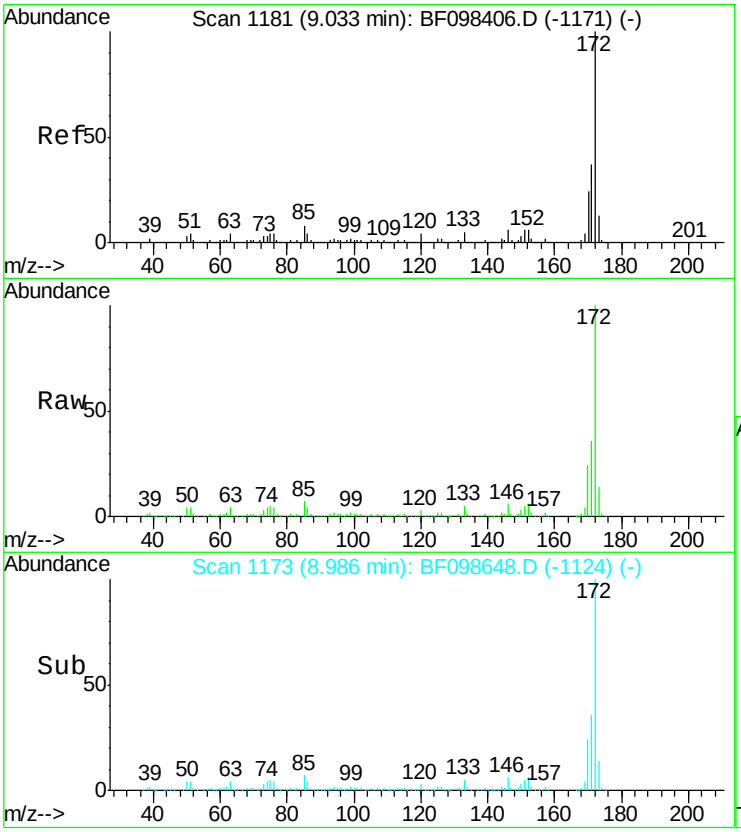


#41
2,4,6-Tribromophenol
Concen: 158.72 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF098648.D
Acq: 19 Sep 2017 18:28

Tgt Ion:330 Resp: 259544

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	42.5	31.4	47.2



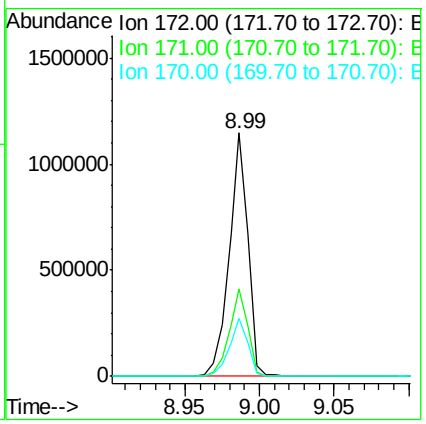


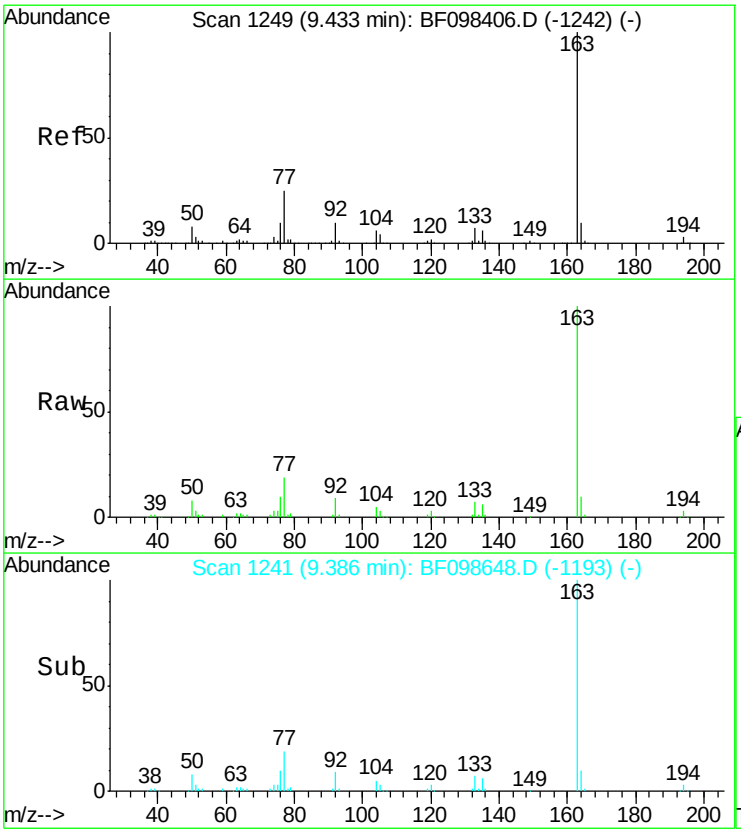
#44
2-Fluorobiphenyl
Concen: 70.35 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF098648.D
Acq: 19 Sep 2017 18:28

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)

Tgt Ion:172 Resp: 1016912

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.9	19.8	29.8

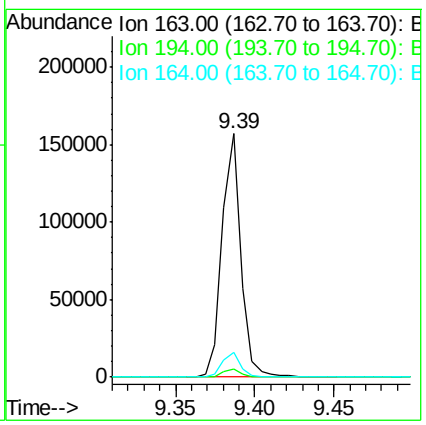


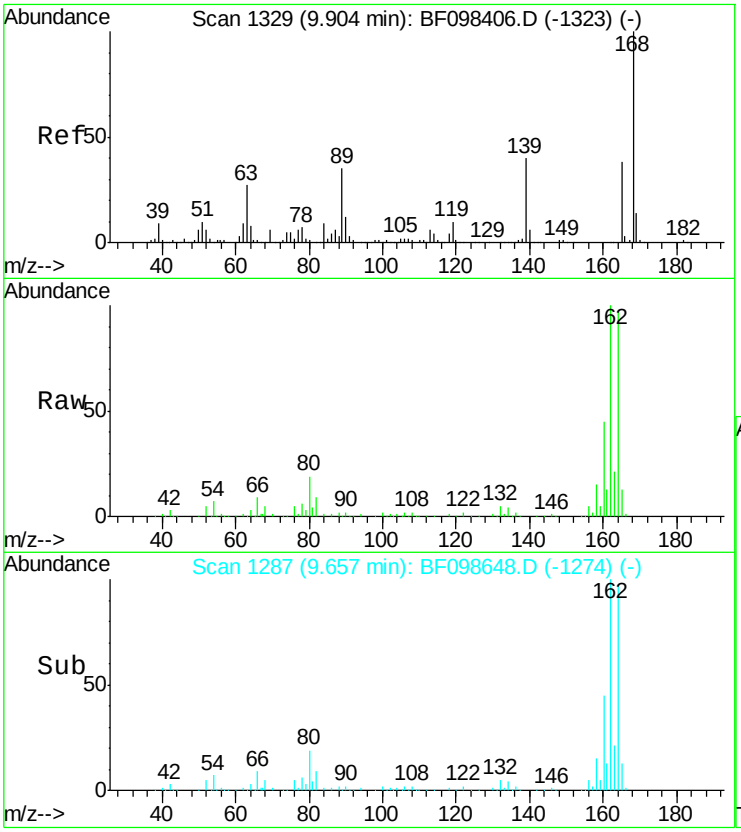


#49
Dimethylphthalate
Concen: 6.80 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BF098648.D
Acq: 19 Sep 2017 18:28

Tgt Ion:163 Resp: 128882

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.2	8.4	12.6



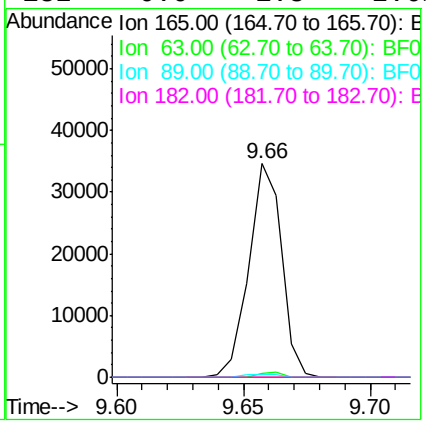


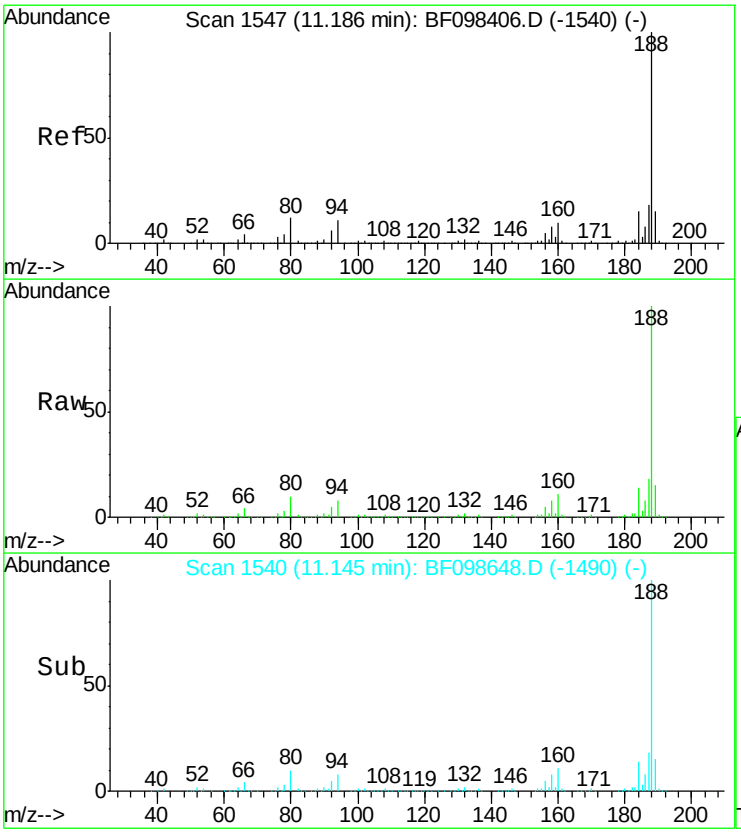
#56
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.22 min
Lab File: BF098648.D
Acq: 19 Sep 2017 18:28

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)

Tgt Ion:165 Resp: 31244

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

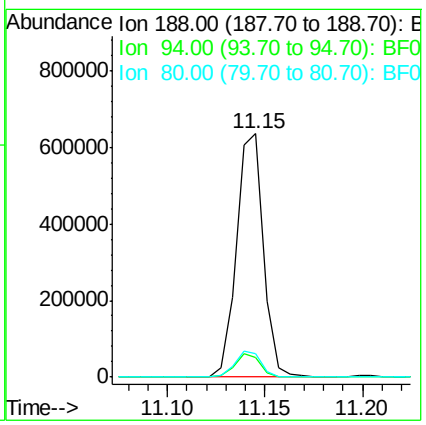


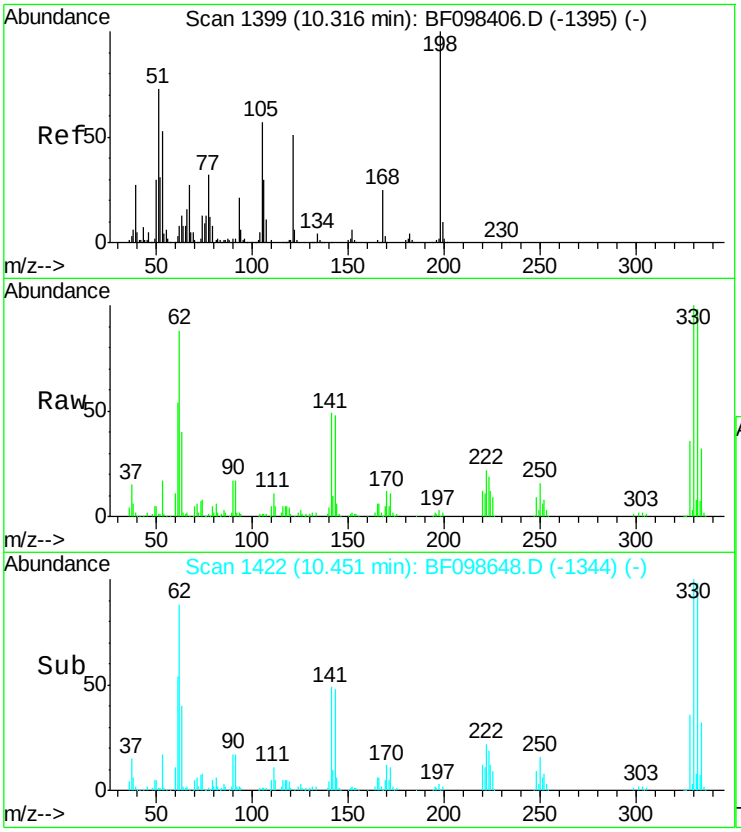


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF098648.D
Acq: 19 Sep 2017 18:28

Tgt Ion:188 Resp: 605873

Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.4	14.2#
80	9.8	10.2	15.2#



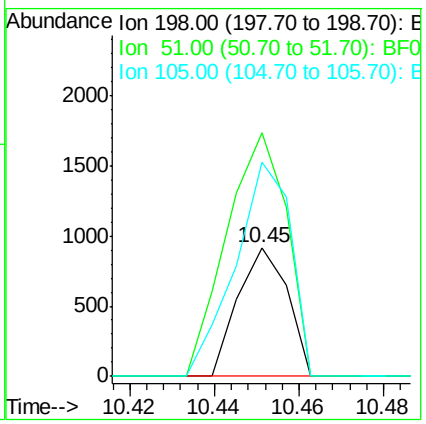


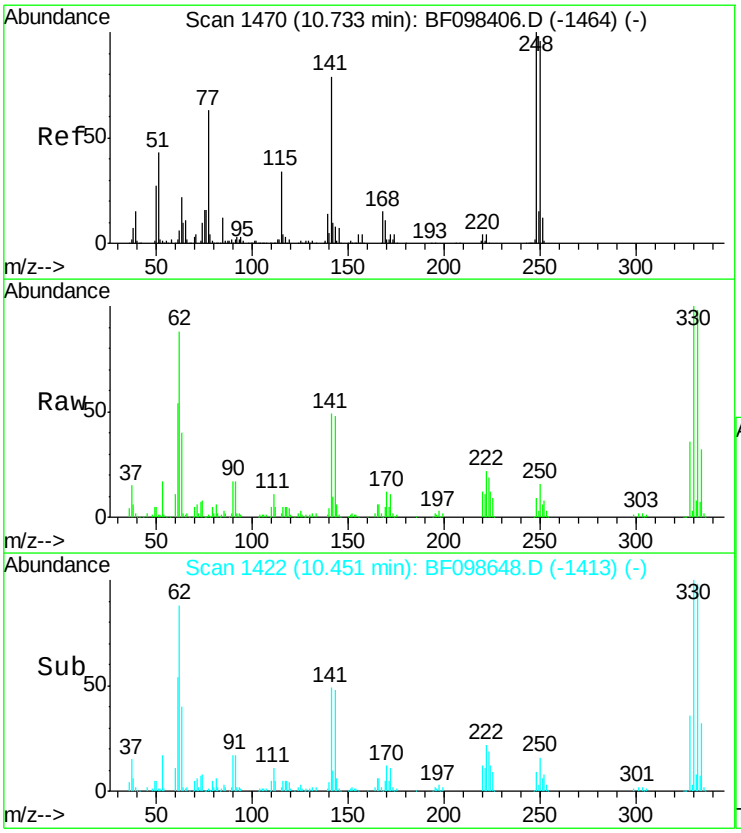
#64
4,6-Dinitro-2-methylphenol
Concen: 5.14 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.16 min
Lab File: BF098648.D
Acq: 19 Sep 2017 18:28

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)

Tgt Ion:198 Resp: 748

Ion	Ratio	Lower	Upper
198	100		
51	189.4	53.2	93.2#
105	166.2	45.8	85.8#

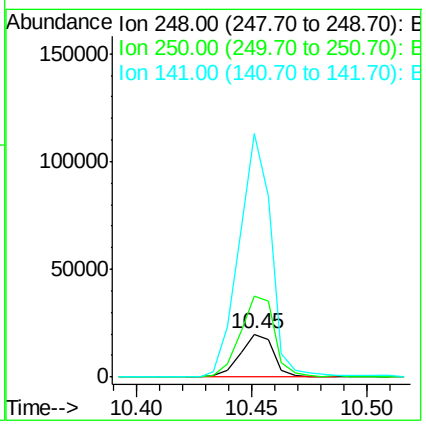


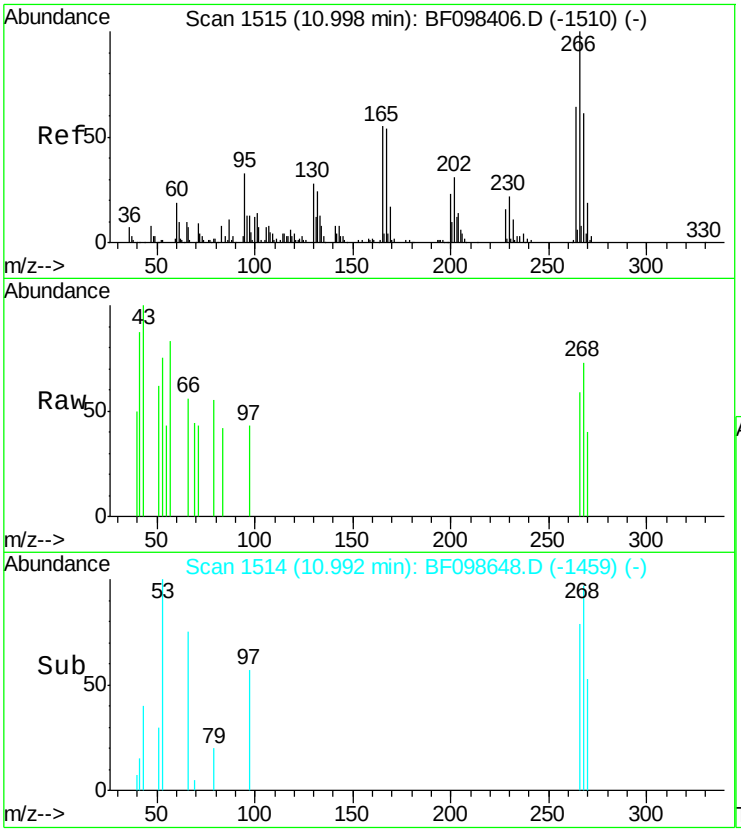


#66
4-Bromophenyl-phenylether
Concen: 3.46 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.25 min
Lab File: BF098648.D
Acq: 19 Sep 2017 18:28

Tgt Ion:248 Resp: 19918

Ion	Ratio	Lower	Upper
248	100		
250	190.6	76.8	115.2#
141	569.8	68.6	103.0#



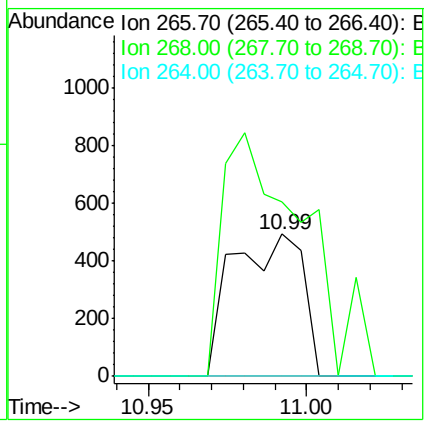


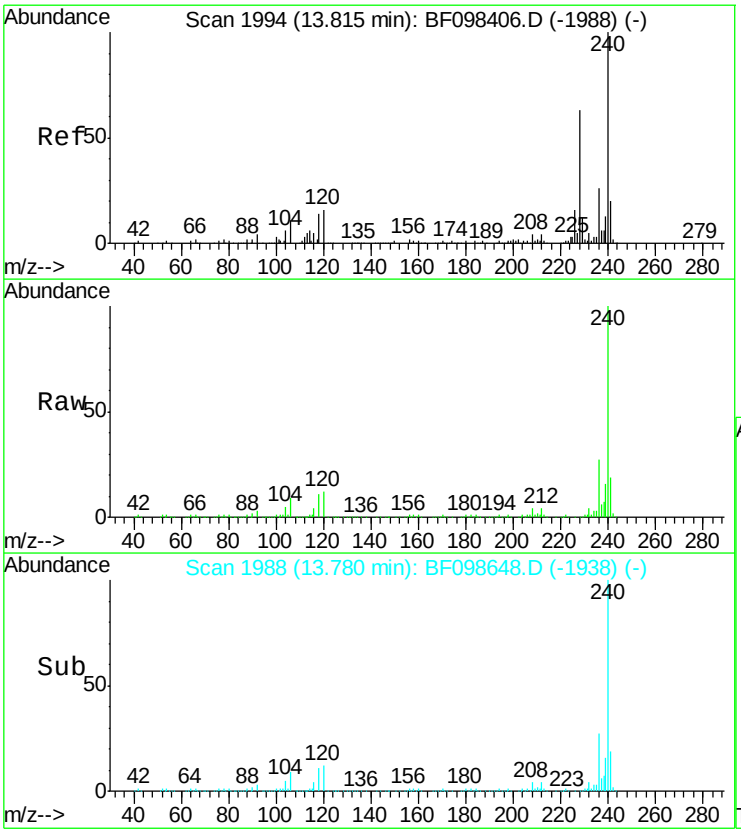
#69
Pentachlorophenol
Concen: 7.21 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.02 min
Lab File: BF098648.D
Acq: 19 Sep 2017 18:28

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)

Tgt Ion:266 Resp: 759

Ion	Ratio	Lower	Upper
266	100		
268	123.1	51.1	76.7#
264	0.0	51.7	77.5#

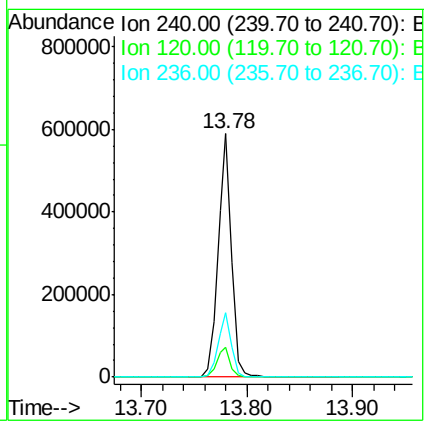


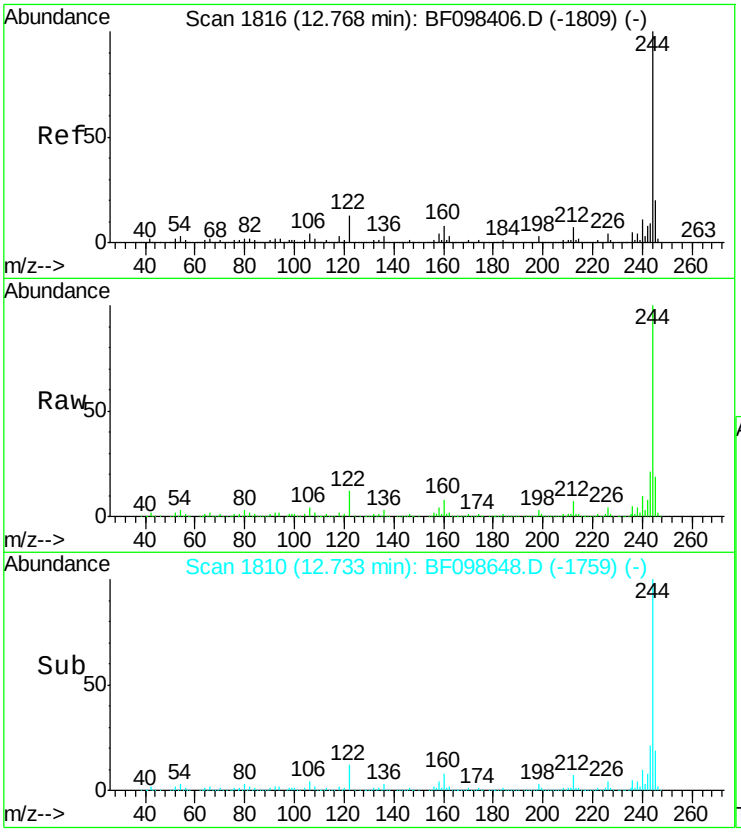


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF098648.D
Acq: 19 Sep 2017 18:28

Tgt Ion:240 Resp: 526466

Ion	Ratio	Lower	Upper
240	100		
120	12.1	5.8	8.8#
236	26.6	20.5	30.7



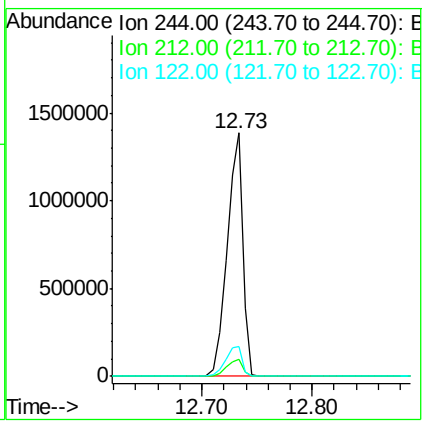


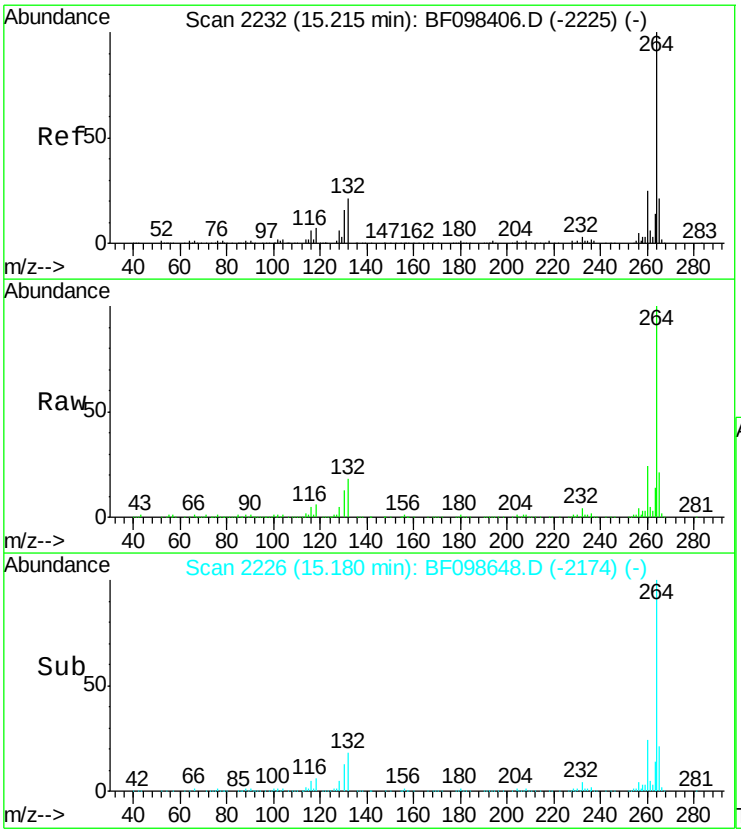
#78
Terphenyl-d14
Concen: 56.46 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BF098648.D
Acq: 19 Sep 2017 18:28

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-117-4(0-5)

Tgt Ion:244 Resp: 1377090

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.1	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF098648.D
Acq: 19 Sep 2017 18:28

Tgt Ion:264 Resp: 496429

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.5	17.2	25.8