Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092418\
Data File : BF109280.D
Acq On : 24 Sep 2018 20:48
Operator : JU/SJ
Sample : J5044-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID05-COMP-092018

Quant Time: Sep 25 04:43:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	99649	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	369009	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	161390	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	285561	20.00	ng		0.00
75) Chrysene-d12	13.84	240	223964	20.00	ng		0.00
86) Perylene-d12	15.24	264	164372	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	459172	75.90	ng		0.00
7) Phenol-d6	6.35	99	581544	75.33	ng		-0.01
23) Nitrobenzene-d5	7.27	82	350383	56.05	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	120134	75.51	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	601751	56.23	ng		0.00
78) Terphenyl-d14	12.80	244	534725	58.59	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	25598	2.928	ng		93
19) n-Nitroso-di-n-propylamine	7.27	70	46892	9.270	ng	#	78
25) Isophorone	7.27	82	312988	27.805	ng	#	64
49) Dimethylphthalate	9.46	163	175864	14.982	ng		99
56) 2,4-Dinitrotoluene	9.74	165	20521	6.976	ng	#	21
64) 4,6-Dinitro-2-methylphenol	10.52	198	168	6.647	ng	#	1
66) 4-Bromophenyl-phenylether	10.52	248	7621	2.403	ng	#	1

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

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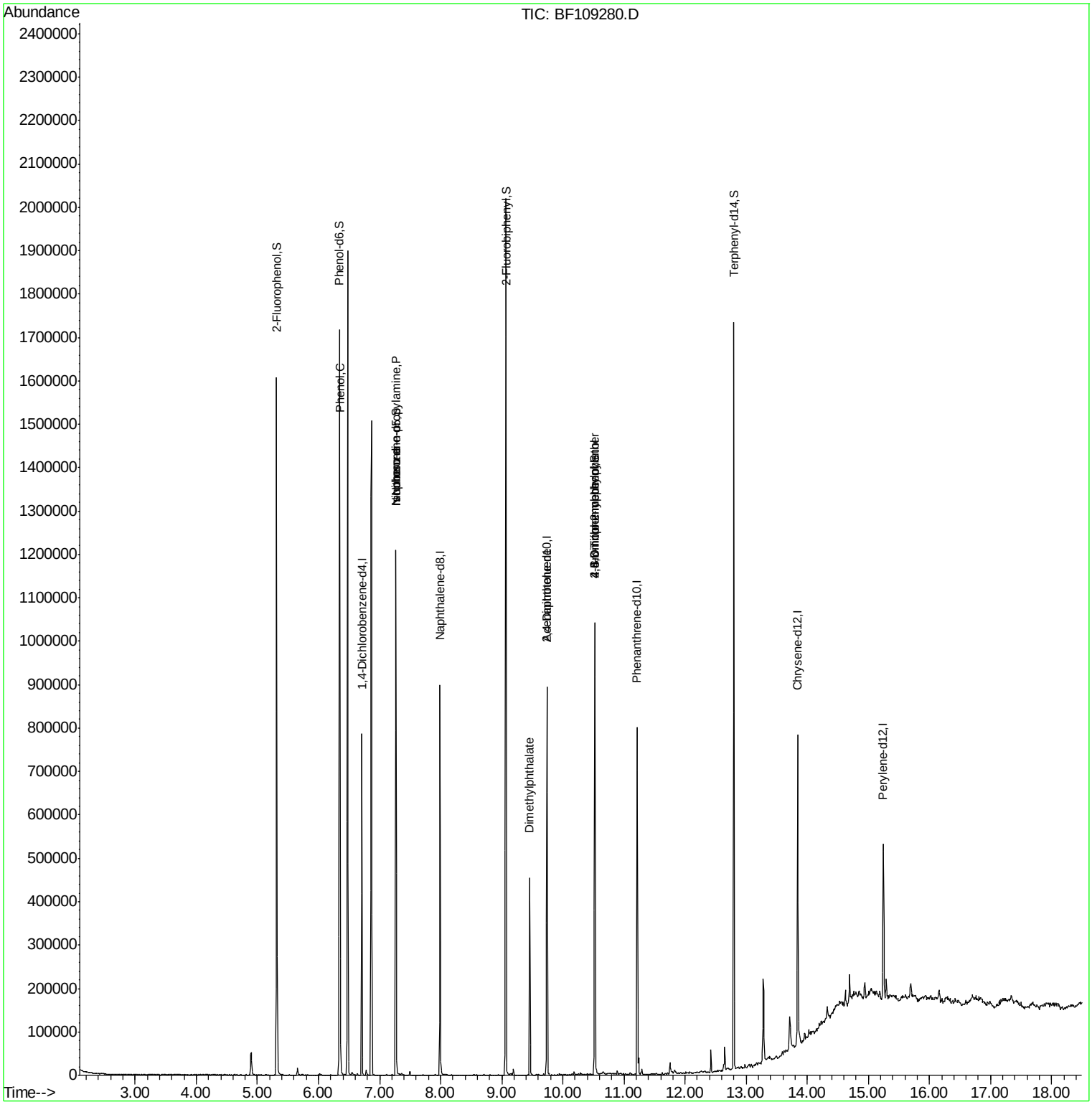
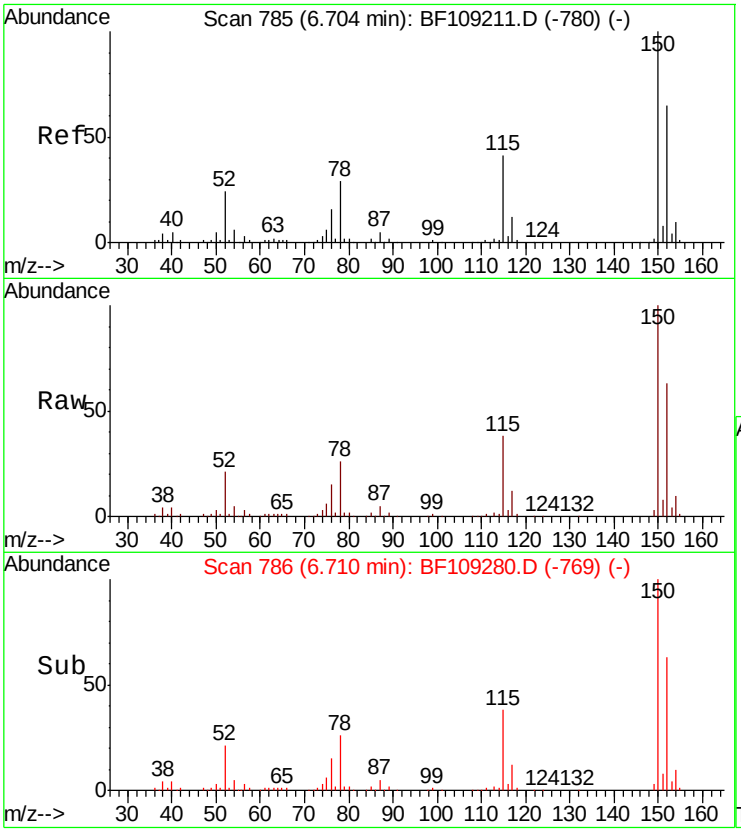


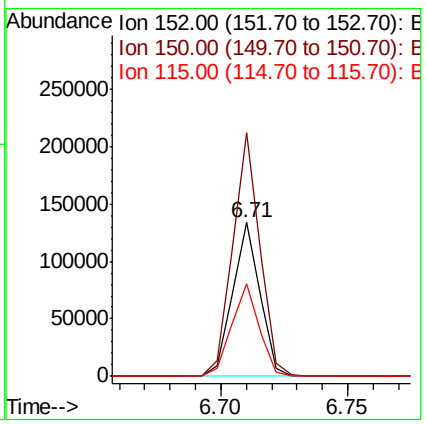


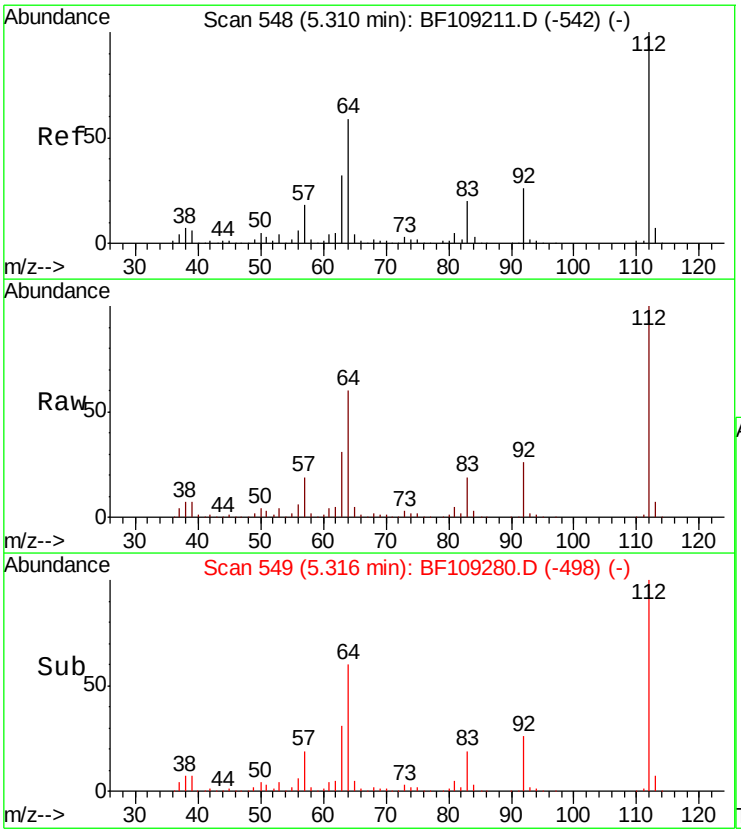
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Instrument :
BNA_F
ClientSampleId :
GRID05-COMP-092018

Tgt Ion:152 Resp: 99649

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	60.6	50.1	75.1

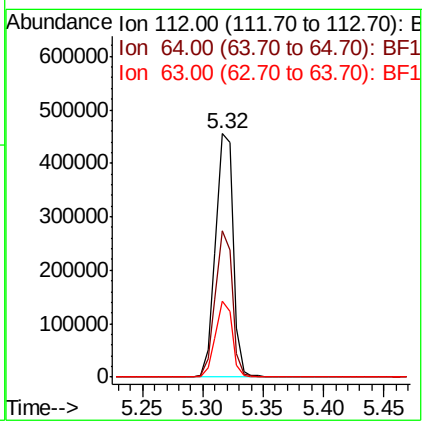


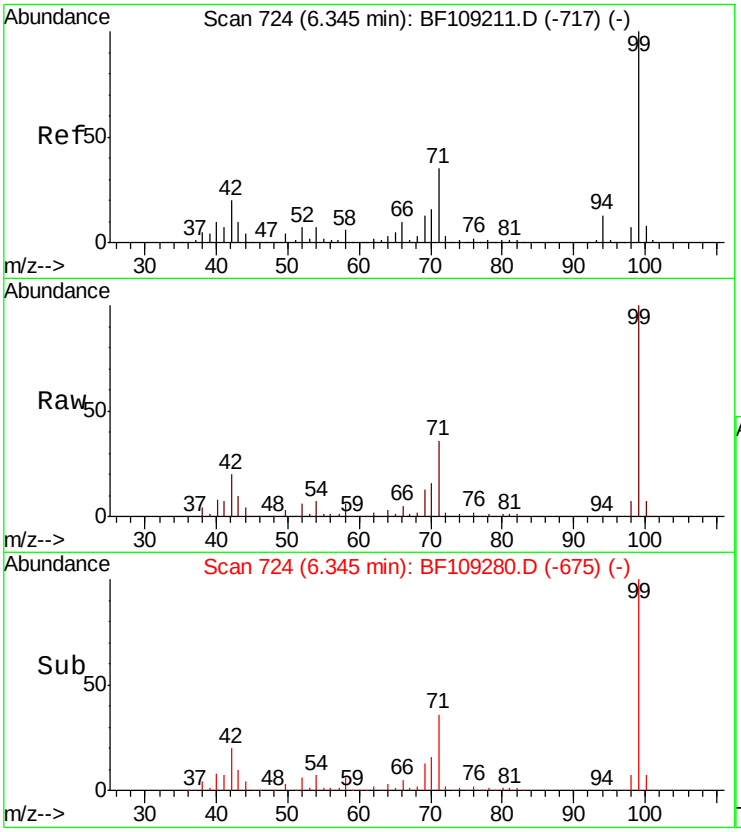


#5
2-Fluorophenol
Concen: 75.896 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Tgt Ion:112 Resp: 459172

Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	31.4	23.7	35.5



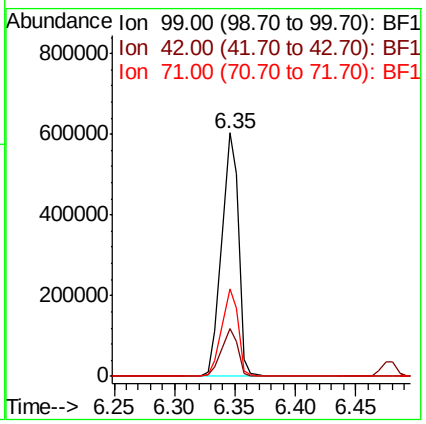


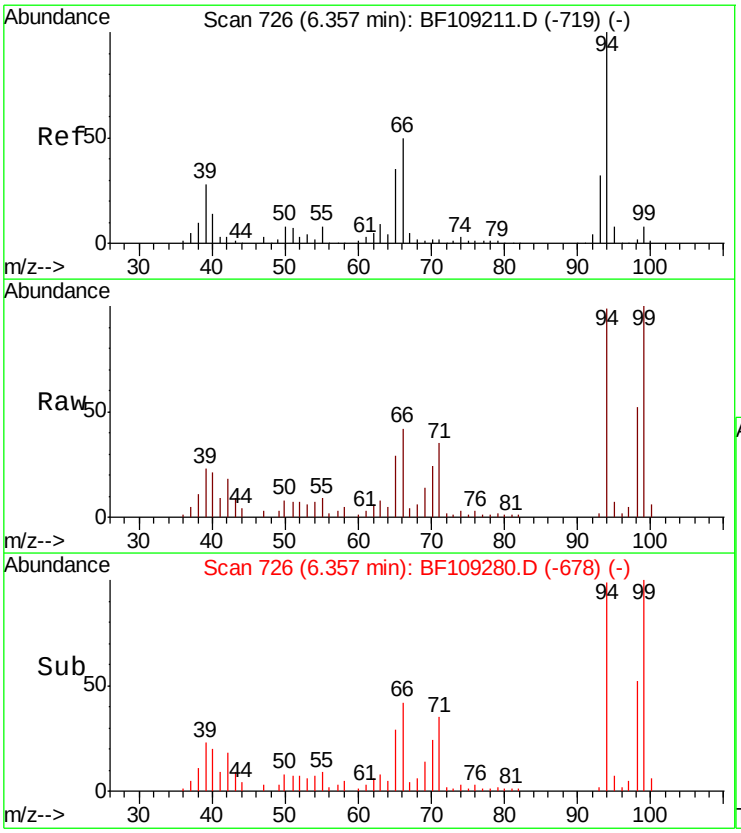
#7
Phenol-d6
Concen: 75.329 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Instrument :
BNA_F
ClientSampleId :
GRID05-COMP-092018

Tgt Ion: 99 Resp: 581544

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	35.8	25.4	38.0

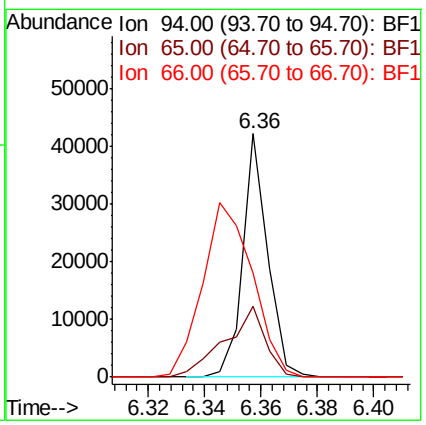


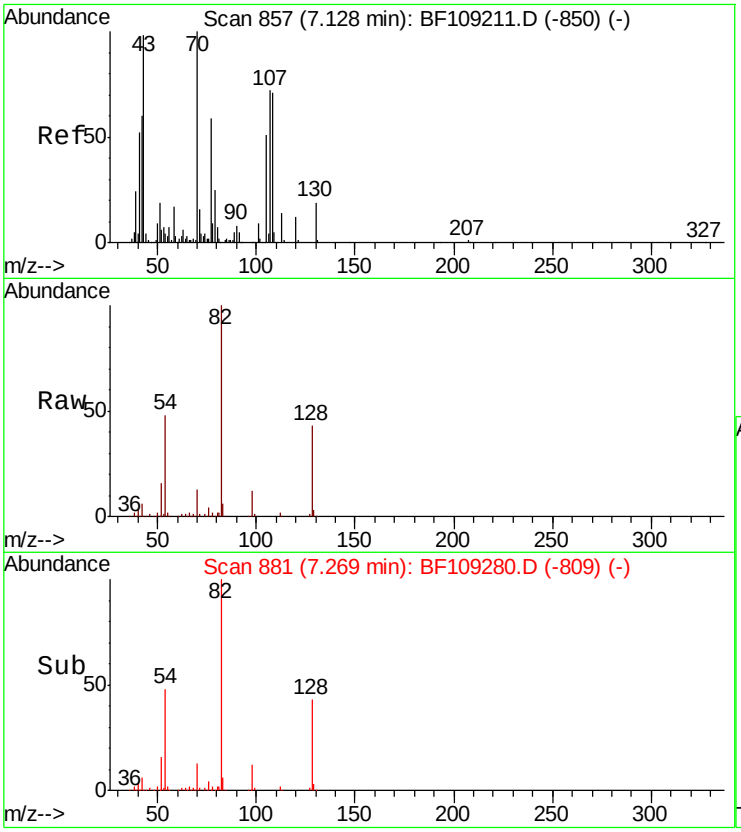


#10
Phenol
Concen: 2.928 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Tgt Ion: 94 Resp: 25598

Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.9	47.9
66	43.0	16.2	56.2



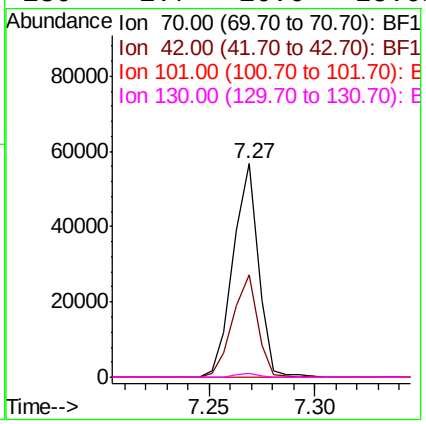


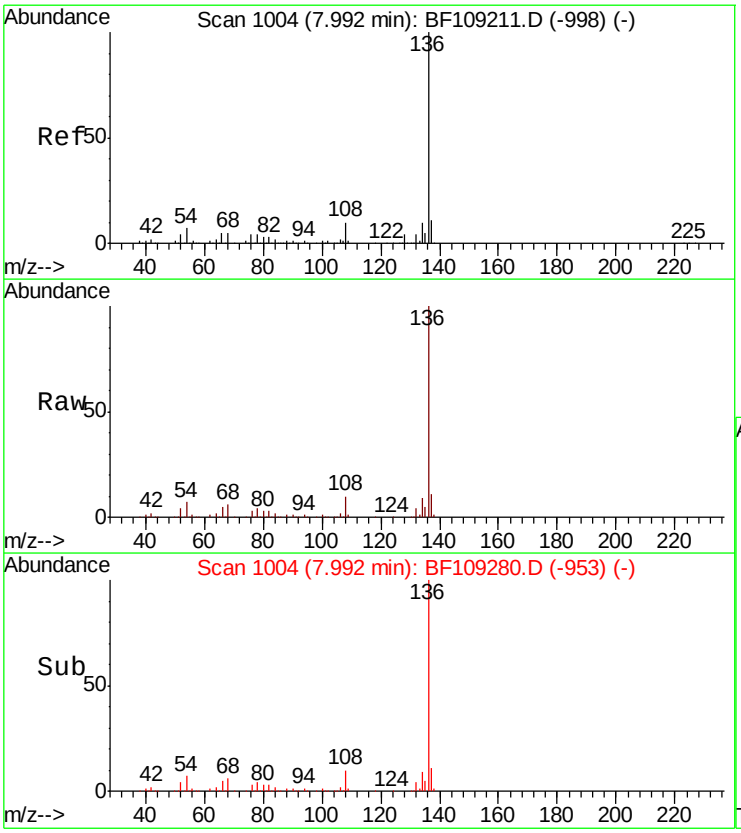
#19
n-Nitroso-di-n-propylamine
Concen: 9.270 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Instrument :
BNA_F
ClientSampleId :
GRID05-COMP-092018

Tgt Ion: 70 Resp: 46892

Ion	Ratio	Lower	Upper
70	100		
42	48.0	47.5	71.3
101	0.0	7.4	11.2#
130	1.7	16.6	25.0#

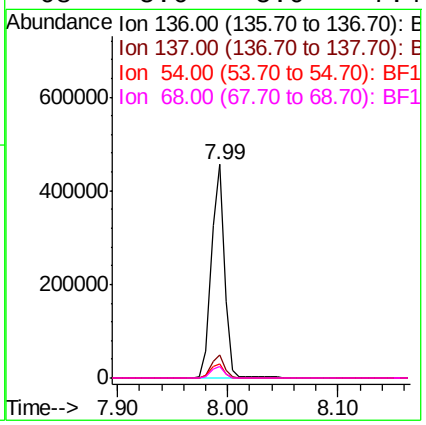


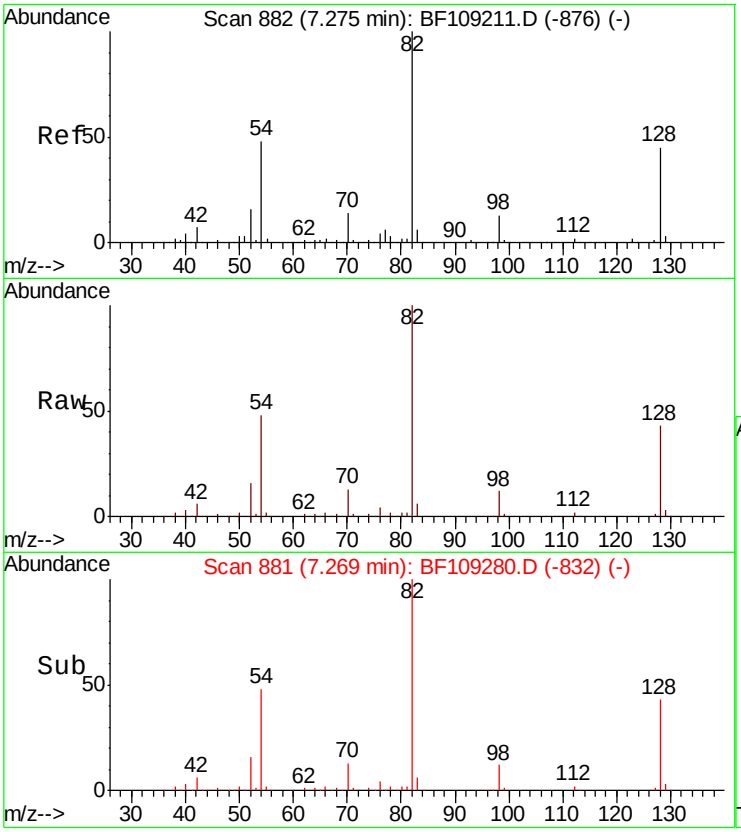


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Tgt Ion:136 Resp: 369009

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.8	6.6	9.8
68	5.6	5.0	7.4



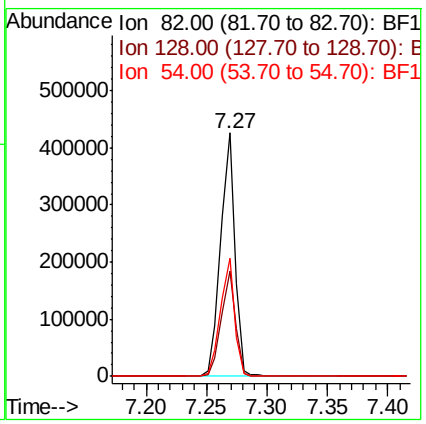


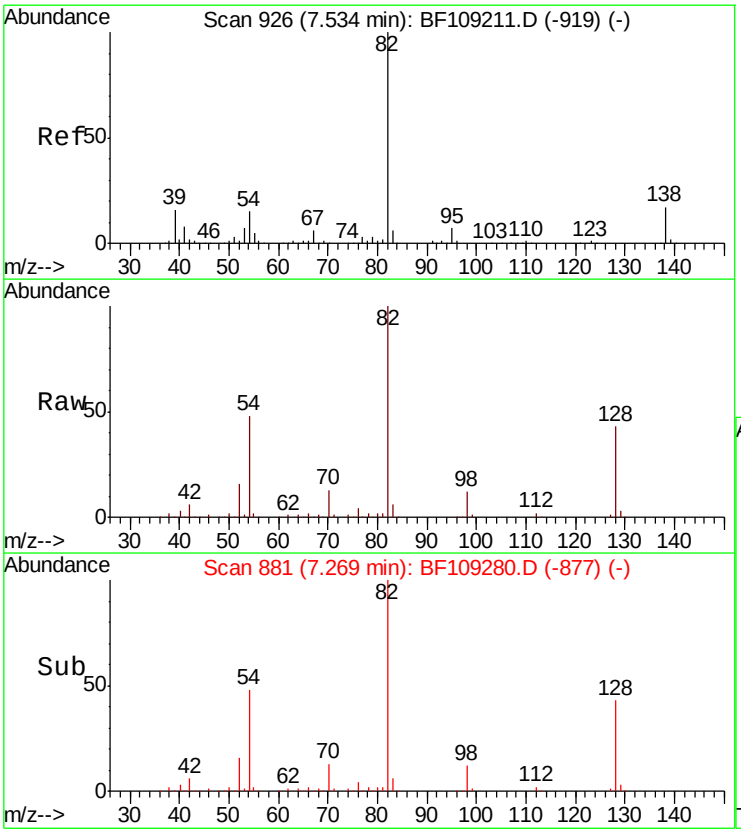
#23
Nitrobenzene-d5
Concen: 56.052 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Instrument :
BNA_F
ClientSampleId :
GRID05-COMP-092018

Tgt Ion: 82 Resp: 350383

Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	48.3	41.4	62.2

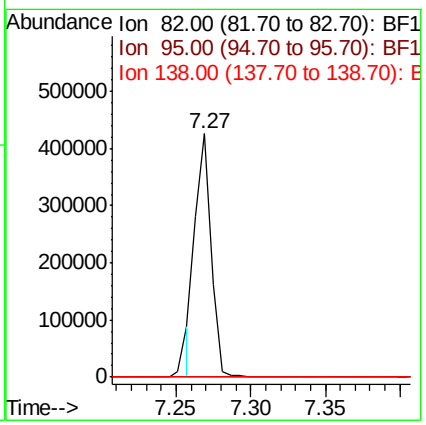


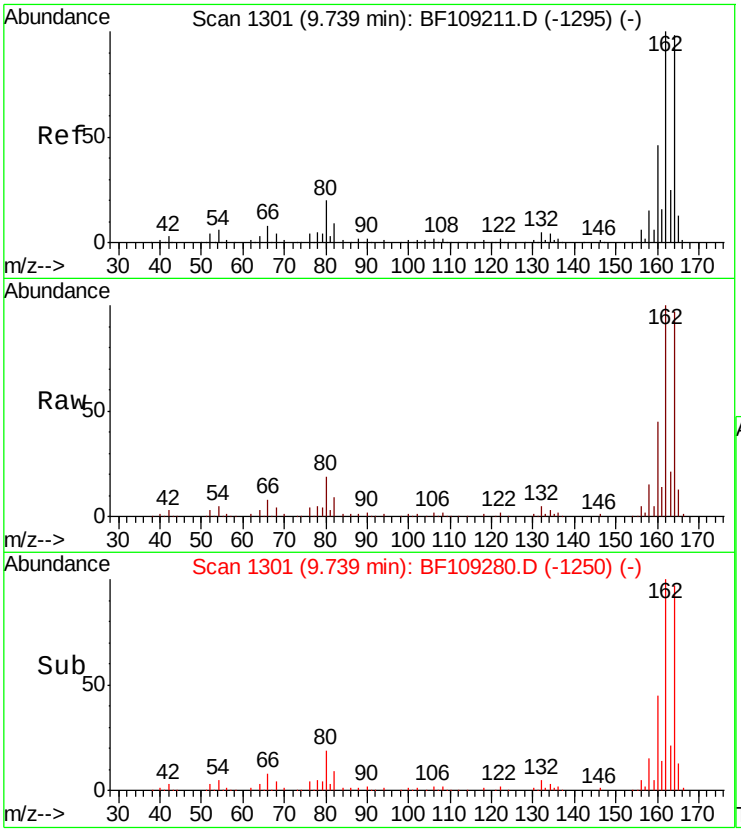


#25
Isophorone
Concen: 27.805 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Tgt Ion: 82 Resp: 312988

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



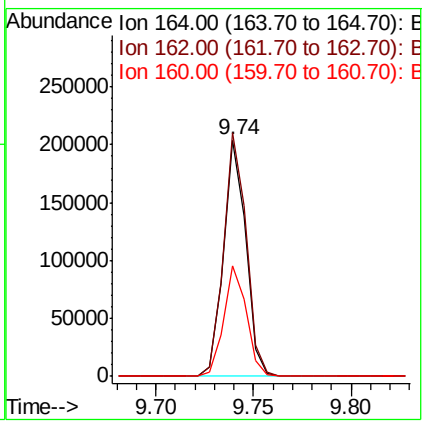


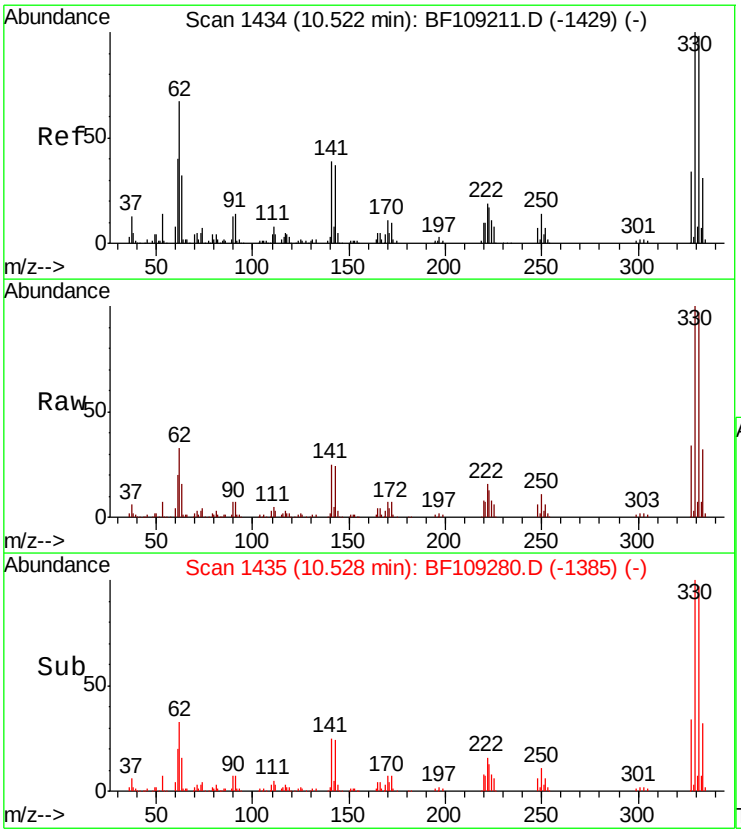
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Instrument :
BNA_F
ClientSampleId :
GRID05-COMP-092018

Tgt Ion:164 Resp: 161390

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.6	38.3	57.5

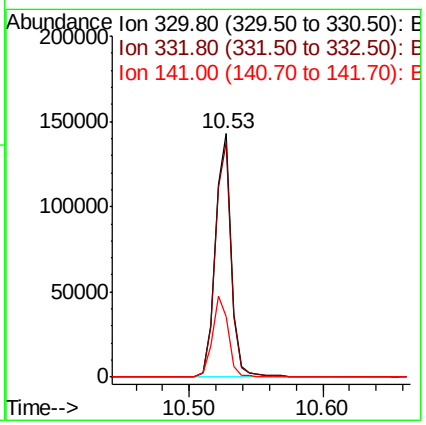


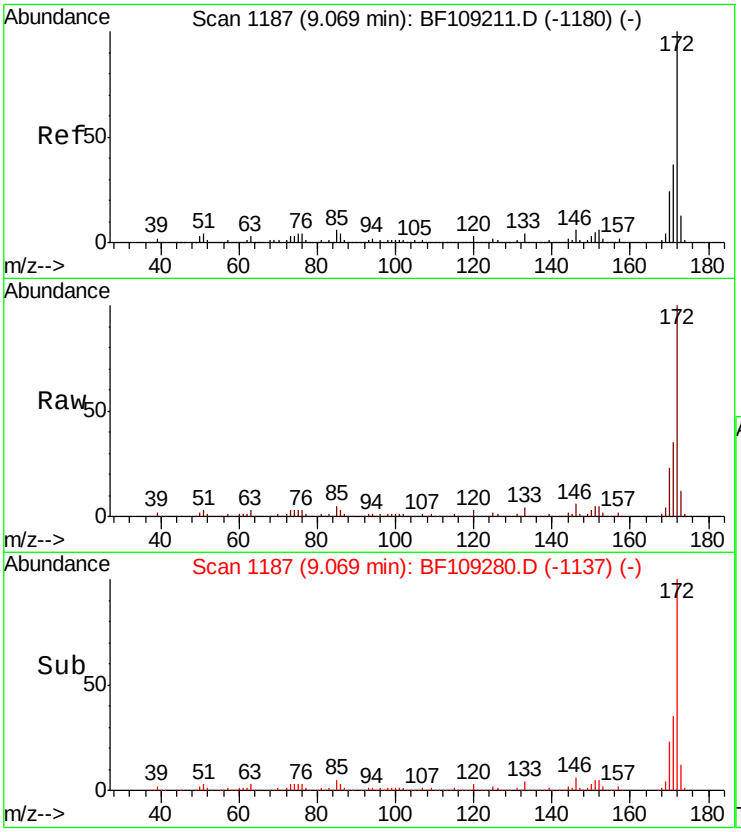


#41
2,4,6-Tribromophenol
Concen: 75.510 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Tgt Ion:330 Resp: 120134

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	33.5	29.9	44.9



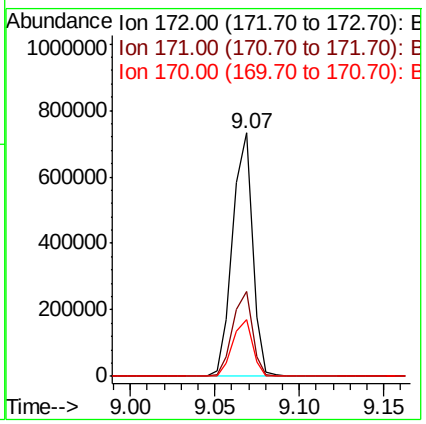


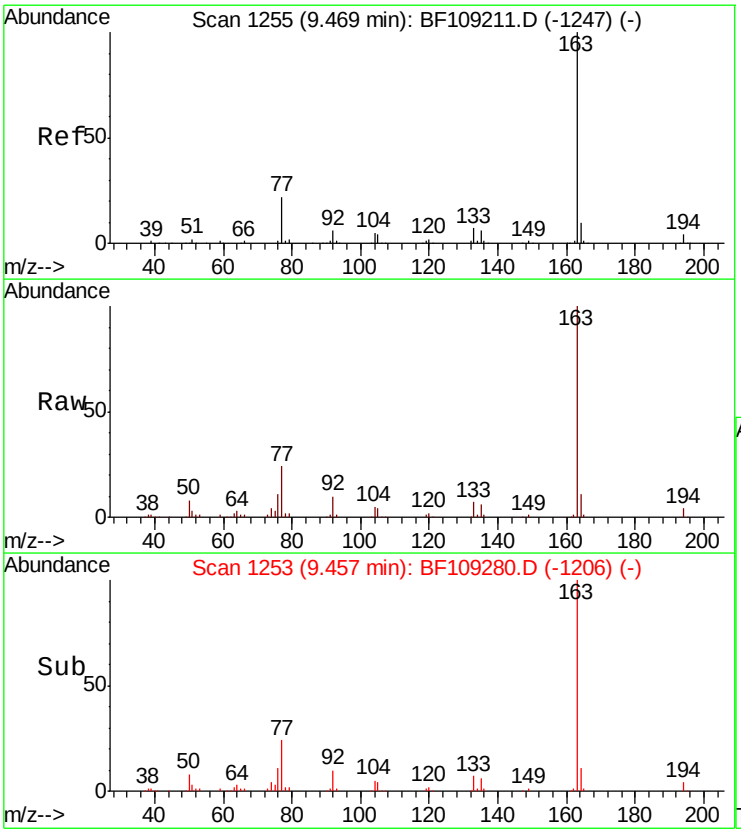
#44
2-Fluorobiphenyl
Concen: 56.234 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Instrument :
BNA_F
ClientSampleId :
GRID05-COMP-092018

Tgt Ion:172 Resp: 601751

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.4	19.6	29.4

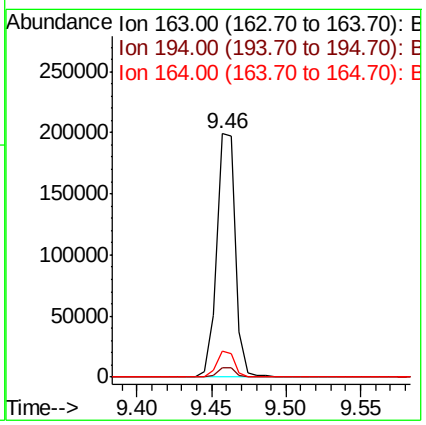


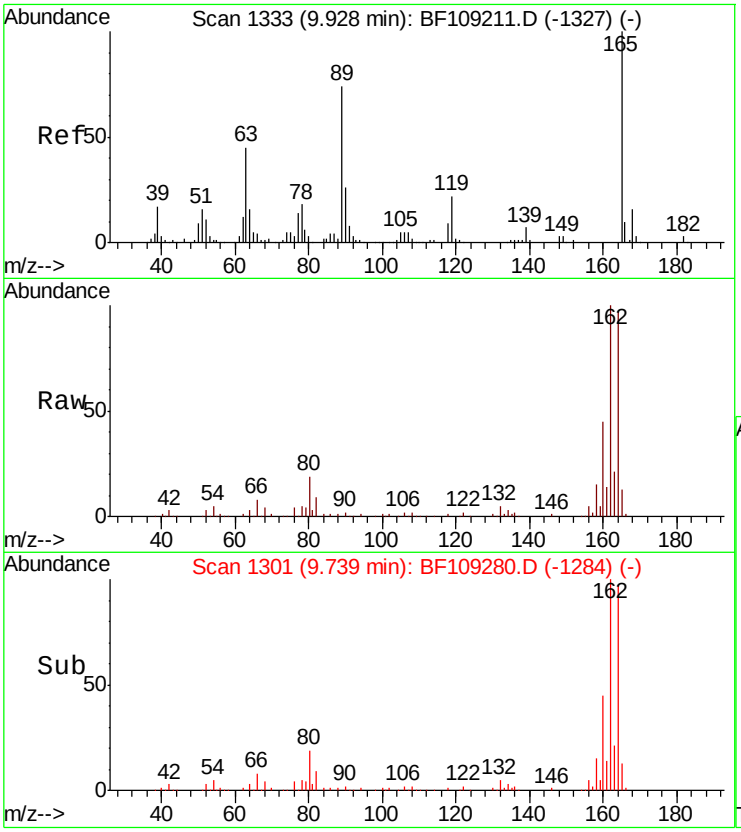


#49
Dimethylphthalate
Concen: 14.982 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Tgt Ion:163 Resp: 175864

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.6	8.2	12.2



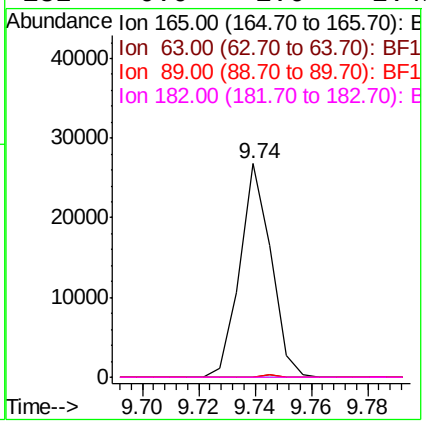


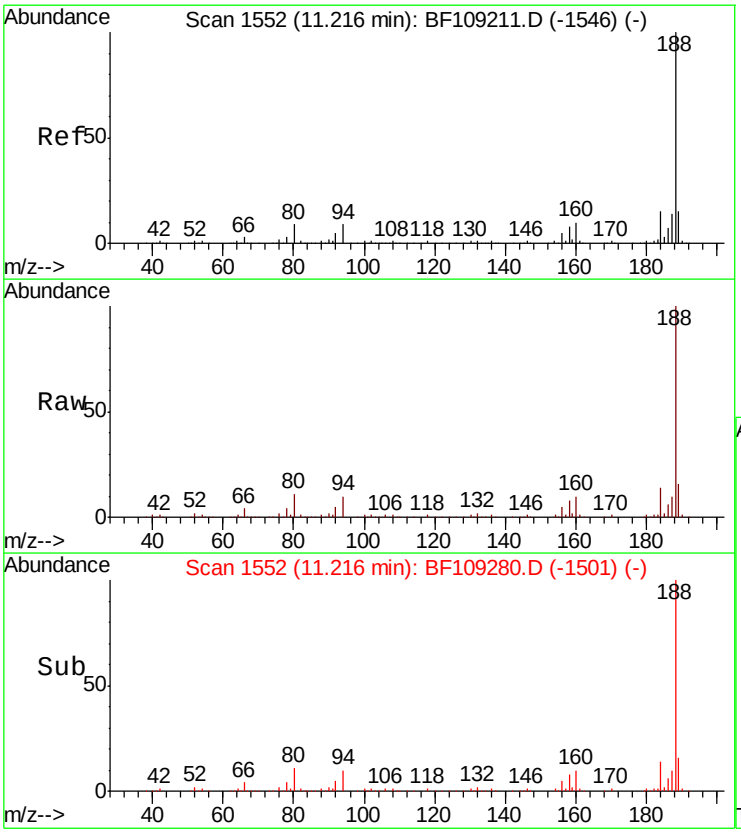
#56
2,4-Dinitrotoluene
Concen: 6.976 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Instrument :
BNA_F
ClientSampleId :
GRID05-COMP-092018

Tgt Ion:165 Resp: 20521

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

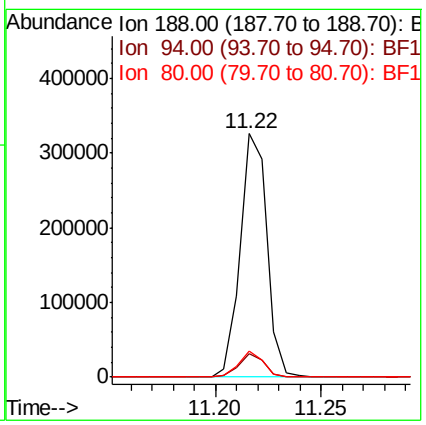


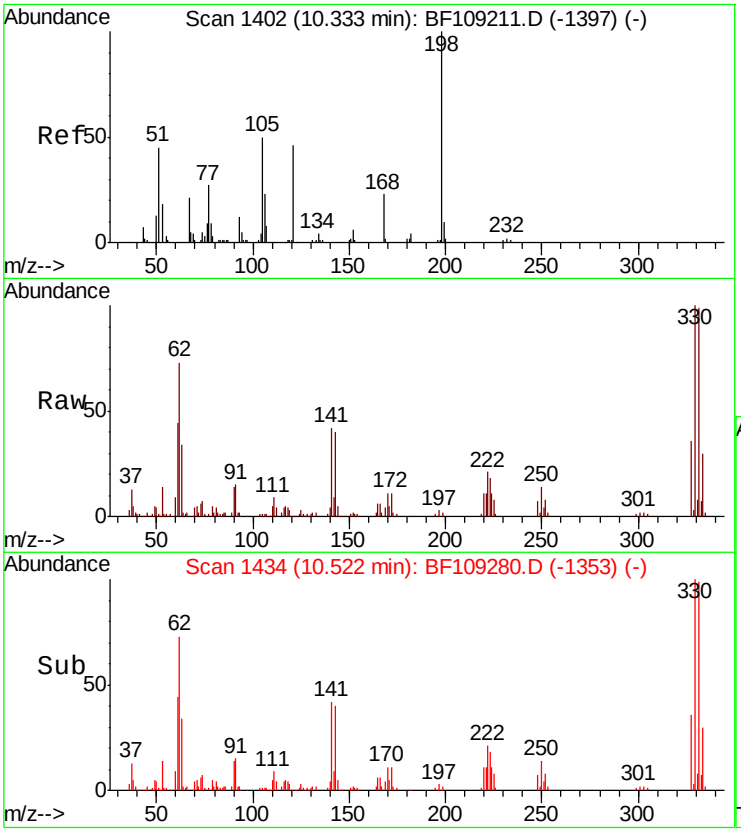


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Tgt Ion:188 Resp: 285561

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.5	9.2	13.8



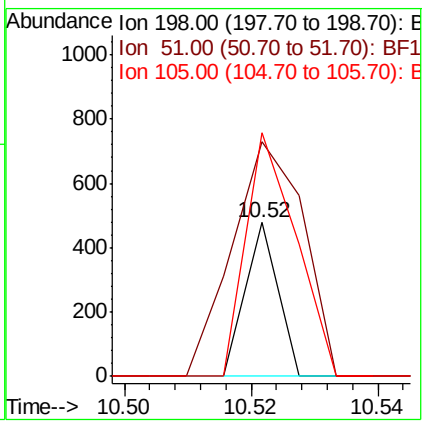


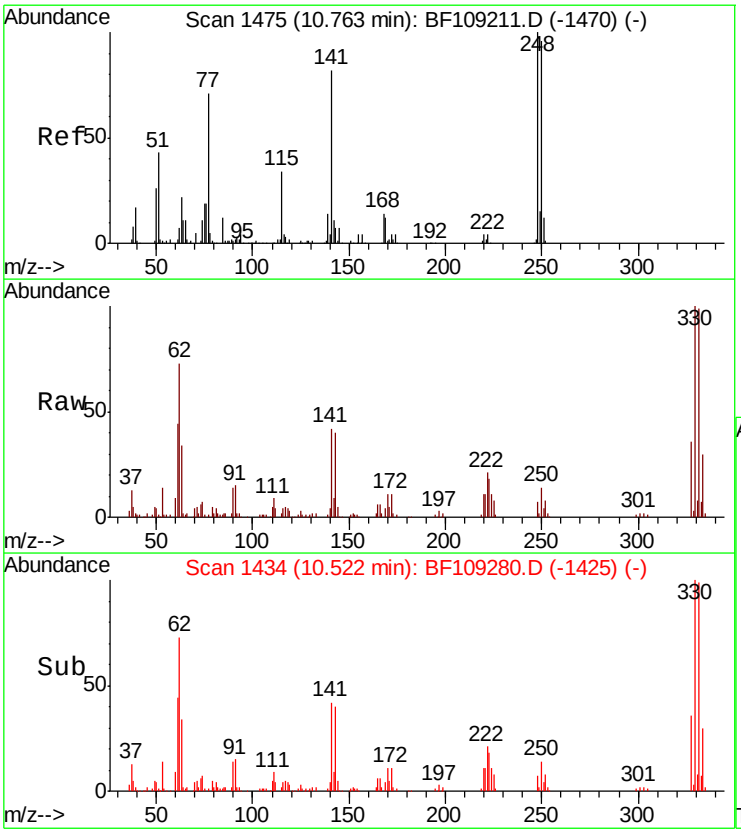
#64
4,6-Dinitro-2-methylphenol
Concen: 6.647 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Instrument :
BNA_F
ClientSampleId :
GRID05-COMP-092018

Tgt Ion:198 Resp: 168

Ion	Ratio	Lower	Upper
198	100		
51	153.2	37.7	77.7#
105	158.7	36.3	76.3#

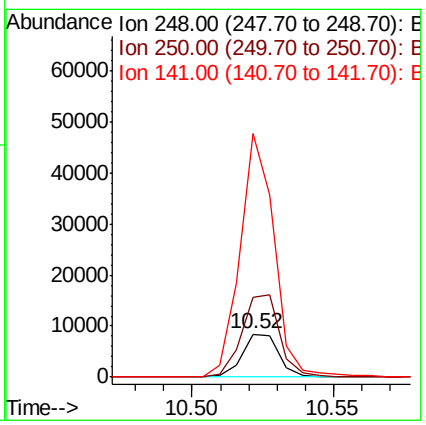


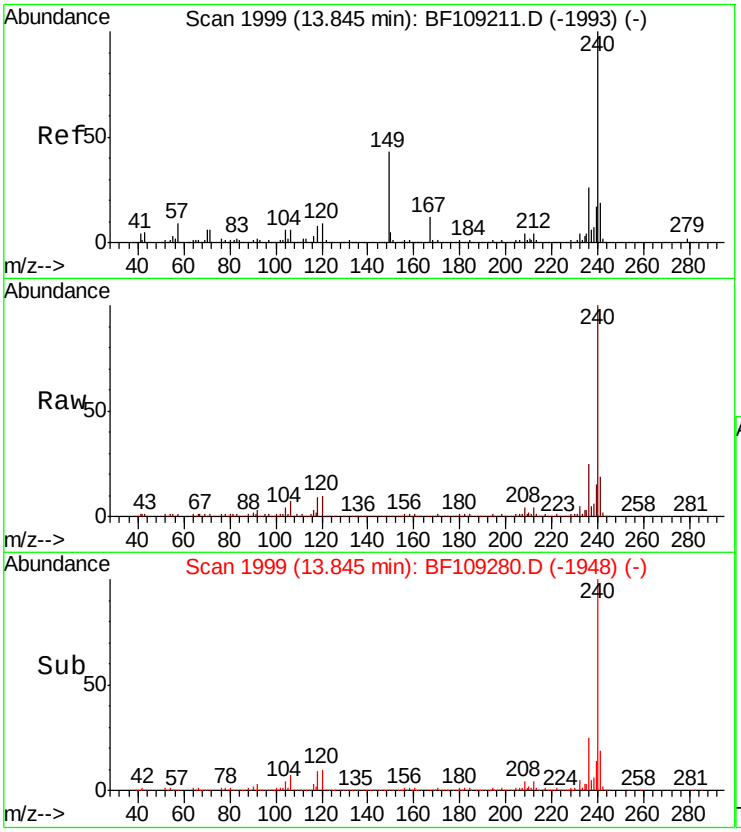


#66
4-Bromophenyl-phenylether
Concen: 2.403 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Tgt Ion:248 Resp: 7621

Ion	Ratio	Lower	Upper
248	100		
250	184.8	76.9	115.3#
141	567.7	74.4	111.6#



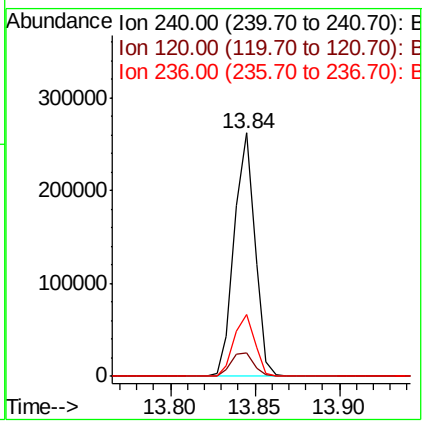


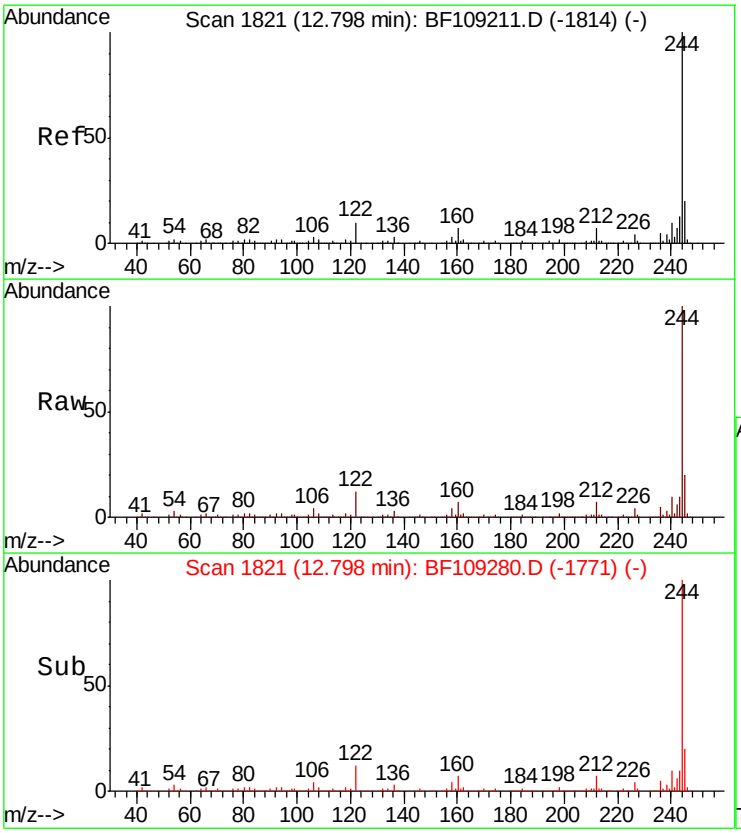
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Instrument :
BNA_F
ClientSampleId :
GRID05-COMP-092018

Tgt Ion:240 Resp: 223964

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	25.2	20.7	31.1

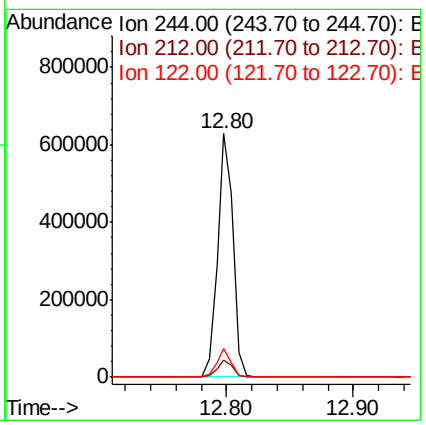


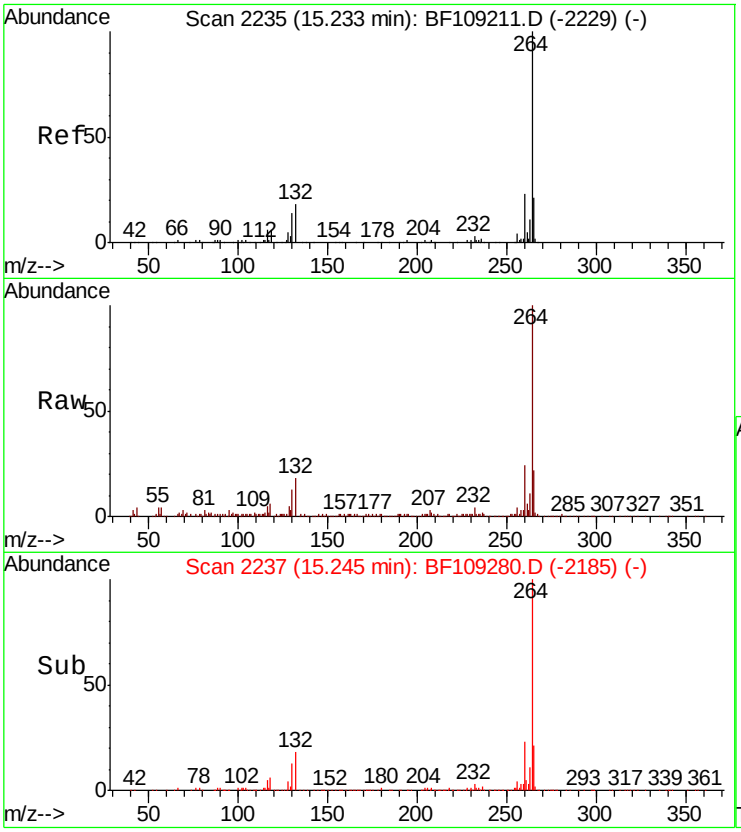


#78
Terphenyl-d14
Concen: 58.594 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Tgt Ion:244 Resp: 534725

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109280.D
Acq: 24 Sep 2018 20:48

Instrument :
BNA_F
ClientSampleId :
GRID05-COMP-092018

Tgt Ion:264 Resp: 164372

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	17.5	26.3