Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104469.D
Acq On : 12 Apr 2018 23:24
Operator : JU/SJ
Sample : J2337-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 13 00:18:55 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 12 17:07:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	112372	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	418230	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	154583	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	250104	20.00	ng	0.00
75) Chrysene-d12	13.99	240	224327	20.00	ng	0.00
86) Perylene-d12	15.45	264	160803	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	837301	113.93	ng	0.02
7) Phenol-d6	6.45	99	877352	97.16	ng	0.00
23) Nitrobenzene-d5	7.37	82	657770	102.70	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	204294	127.40	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1084767	110.86	ng	0.00
78) Terphenyl-d14	12.93	244	961134	97.68	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	1357	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	85831	14.546	ng	# 74
25) Isophorone	7.37	82	657765	48.565	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	19496	8.643	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	19496	6.589	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.64	198	433	7.648	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	12657	4.758	ng	# 1
76) Benzidine	12.93	184	12545	Below Cal		96

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

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Quant Time: Apr 13 00:18:55 2018
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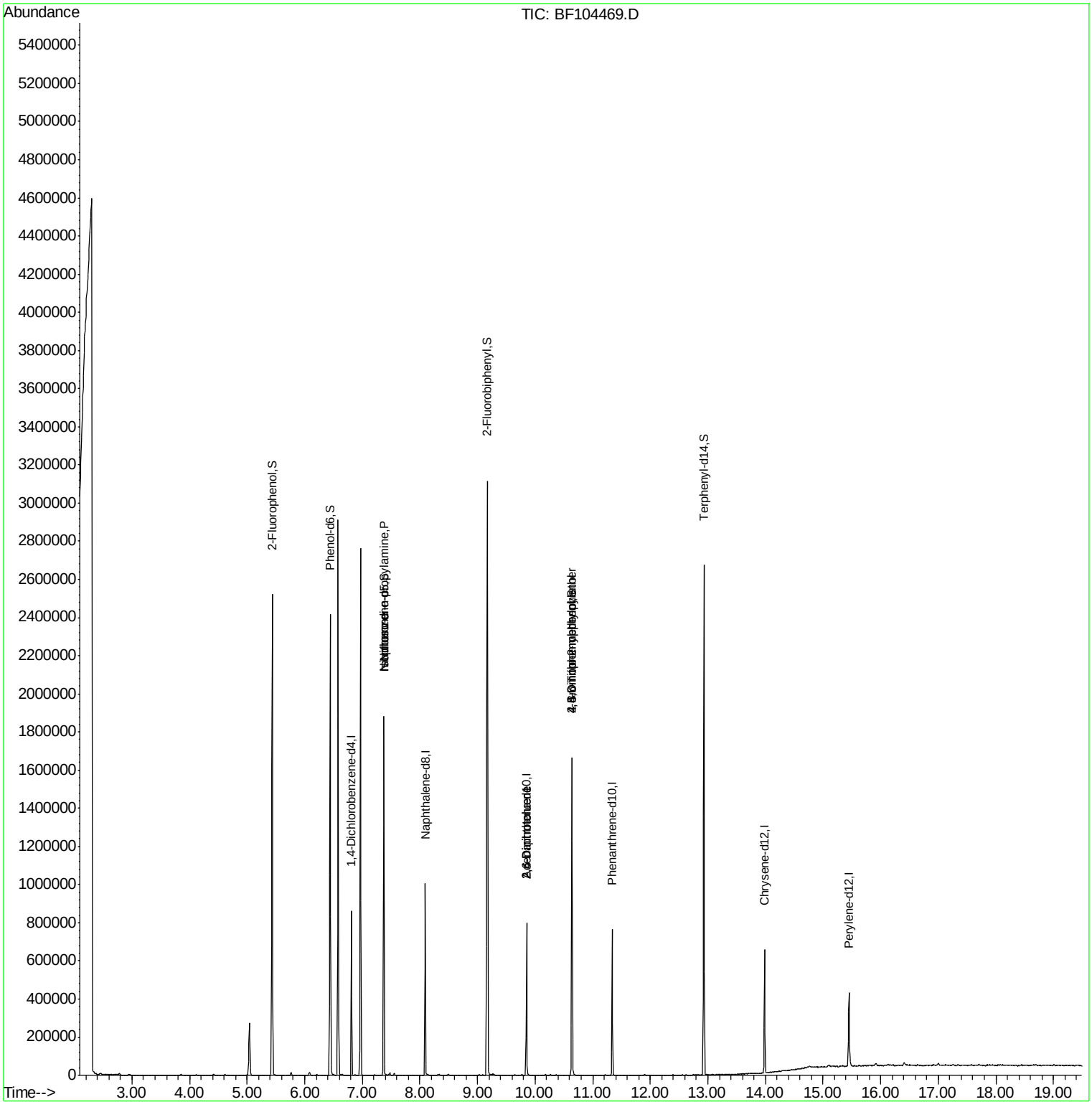
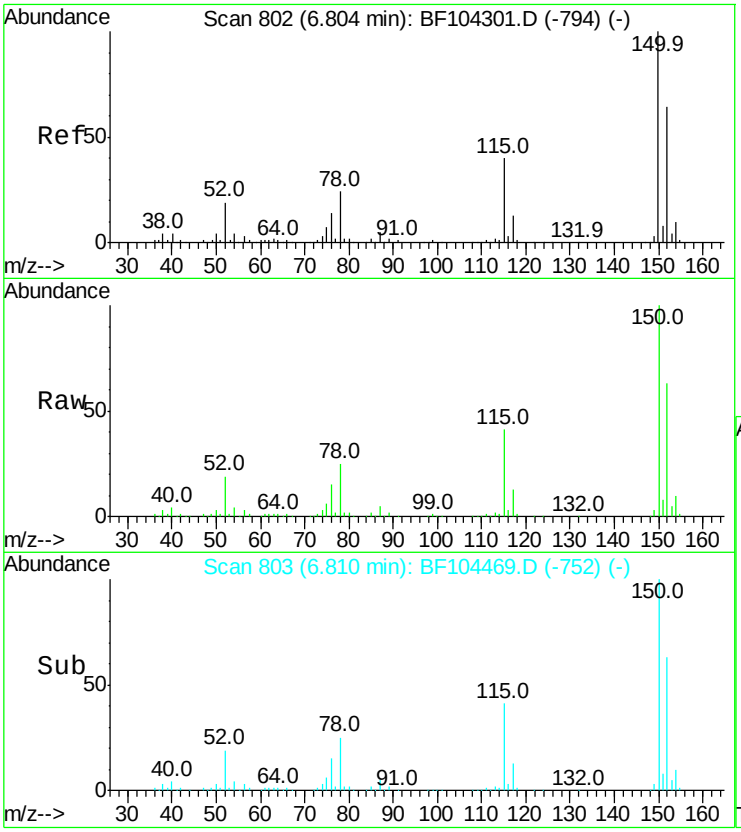


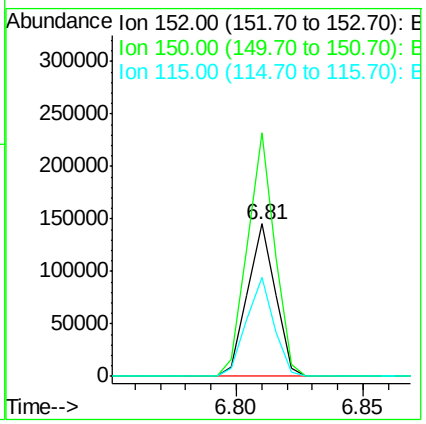


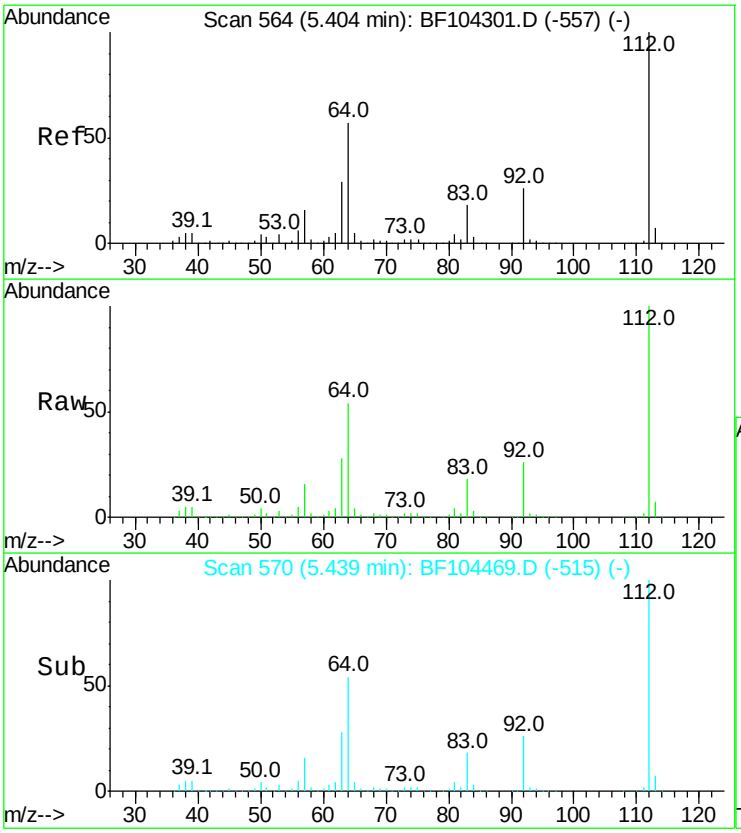
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 112372

Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	64.8	50.1	75.1

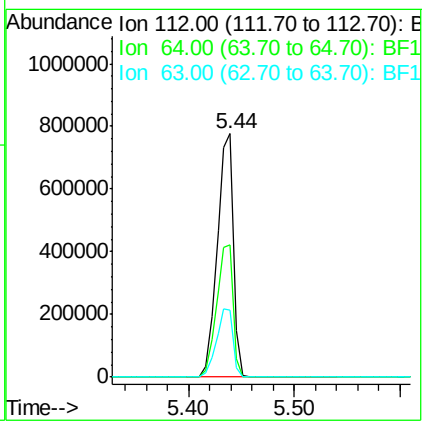


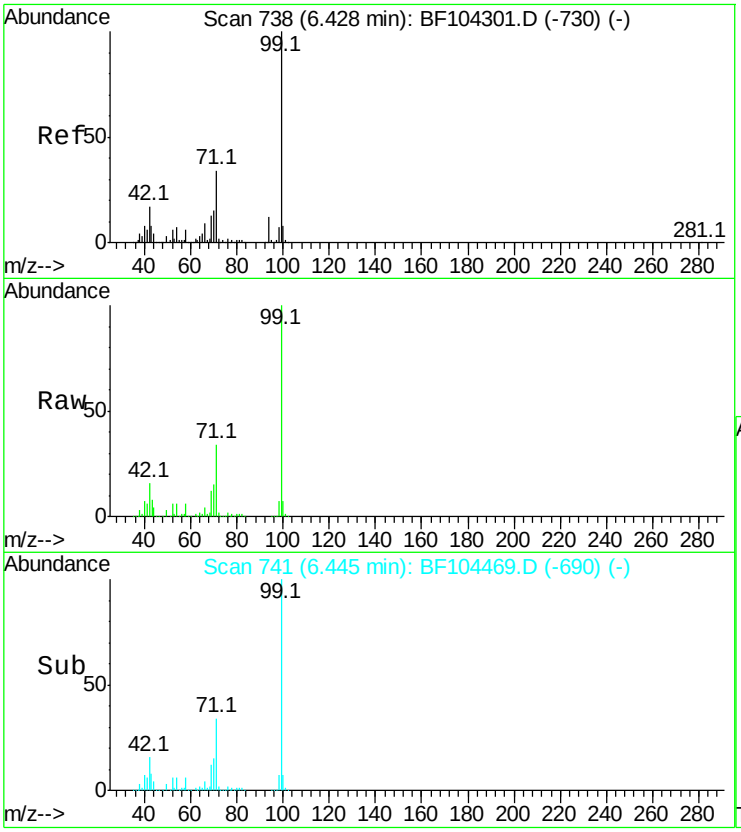


#5
2-Fluorophenol
Concen: 113.932 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Tgt Ion:112 Resp: 837301

Ion	Ratio	Lower	Upper
112	100		
64	54.1	47.9	71.9
63	27.7	23.7	35.5



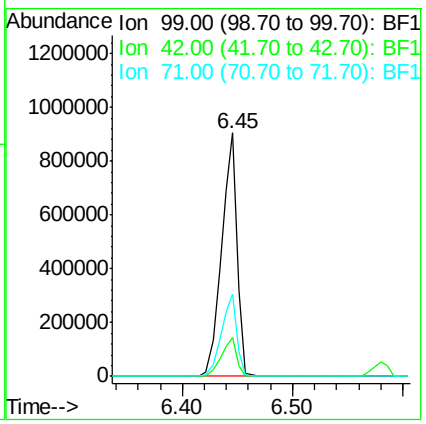


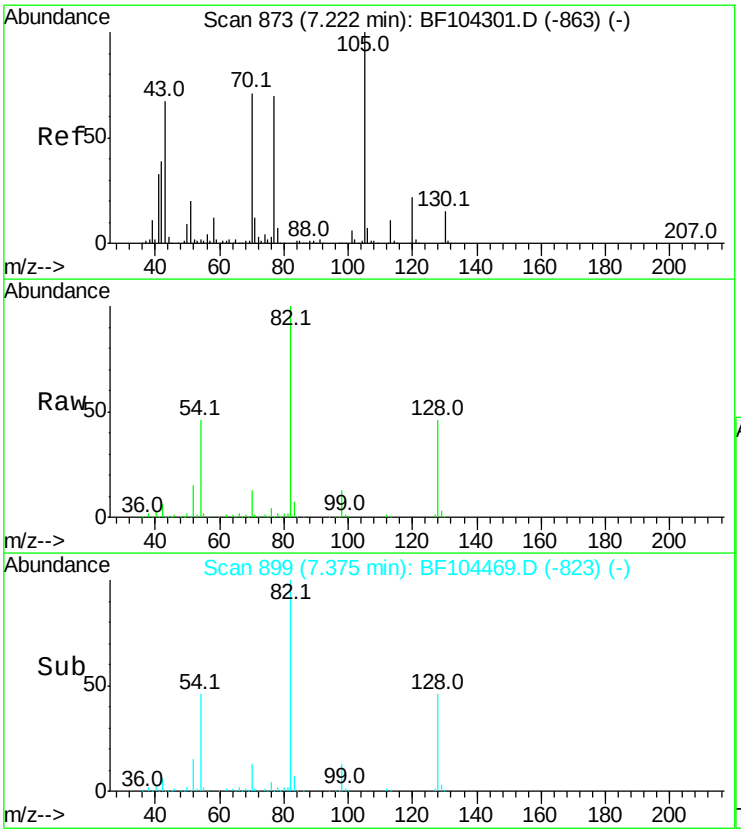
#7
Phenol-d6
Concen: 97.163 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 877352

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	33.7	25.4	38.0

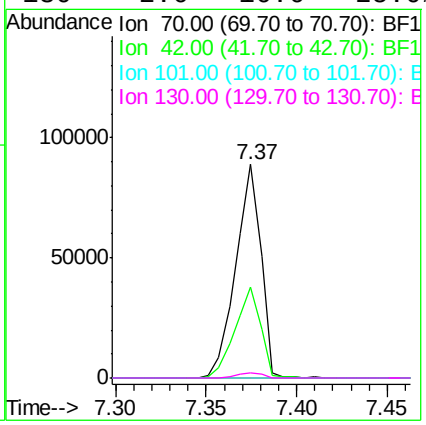


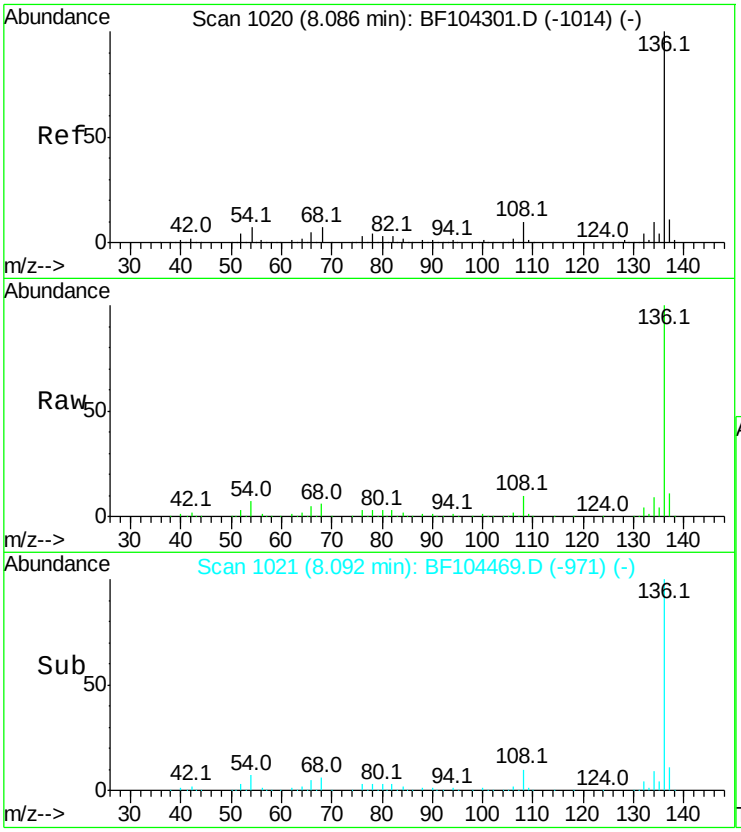


#19
n-Nitroso-di-n-propylamine
Concen: 14.546 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Tgt Ion: 70 Resp: 85831

Ion	Ratio	Lower	Upper
70	100		
42	42.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



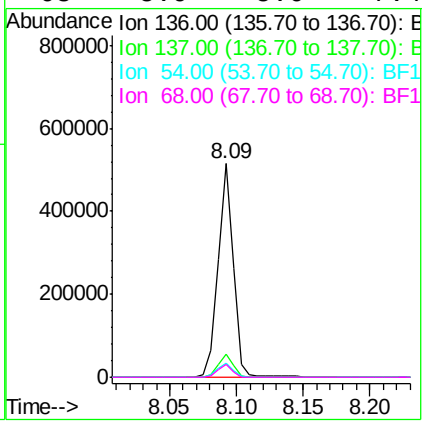


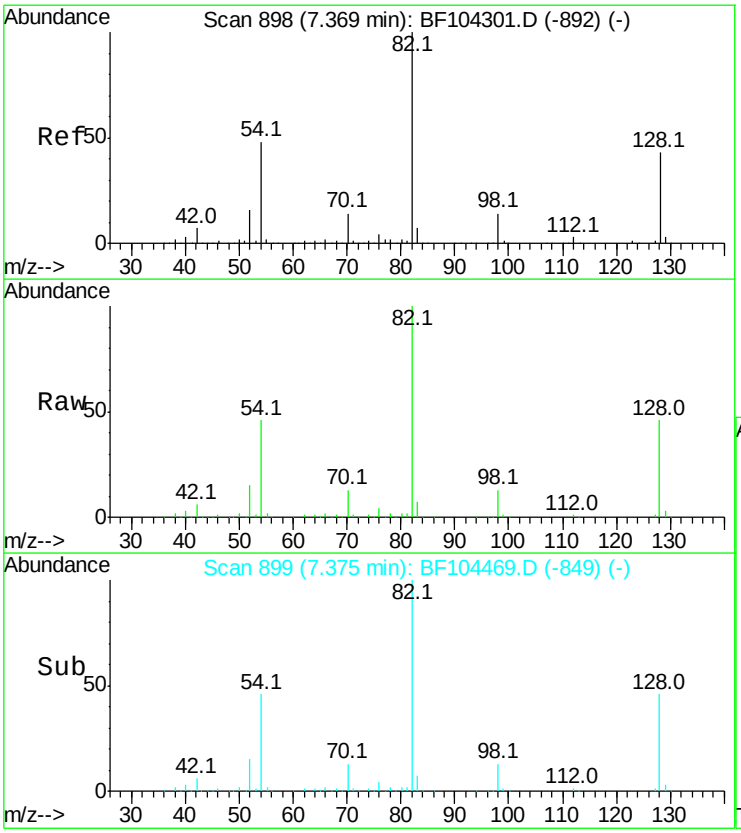
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 418230

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4

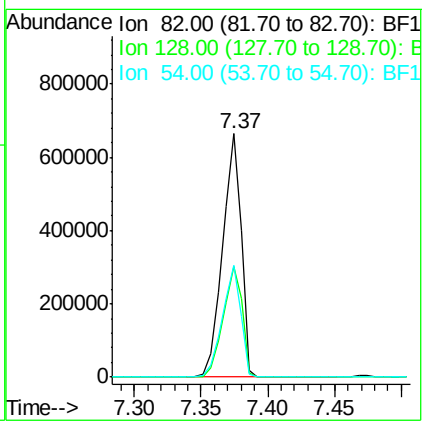


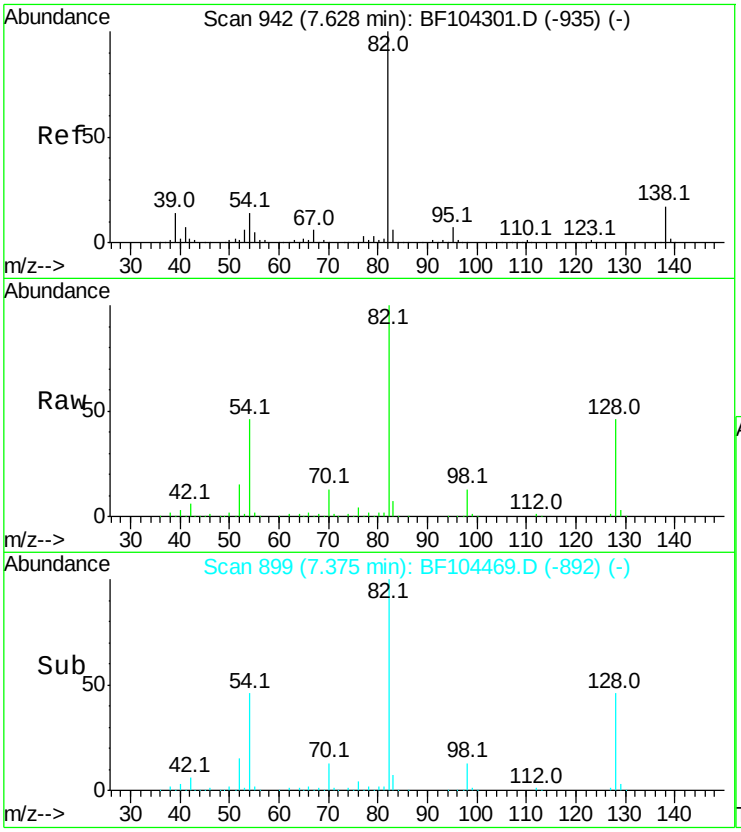


#23
Nitrobenzene-d5
Concen: 102.697 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Tgt Ion: 82 Resp: 657770

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	46.0	41.4	62.2



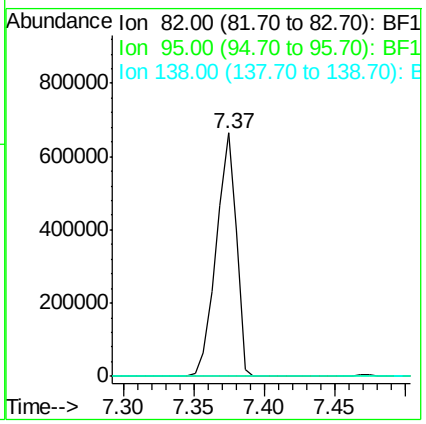


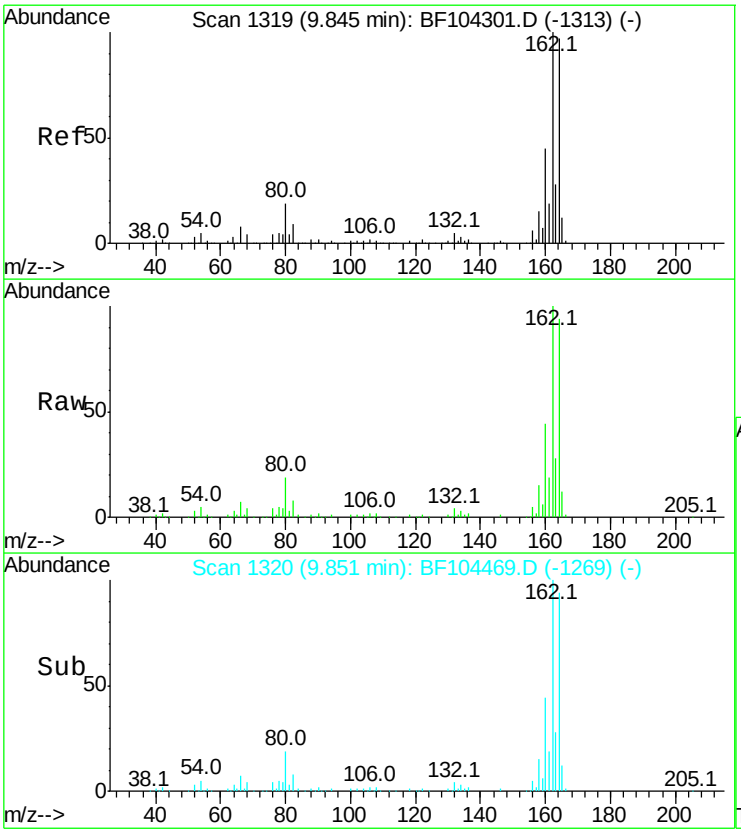
#25
Isophorone
Concen: 48.565 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 657765

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

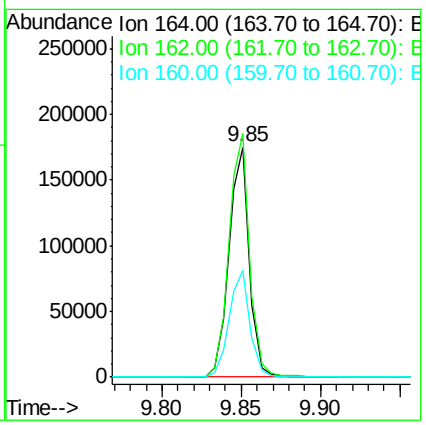


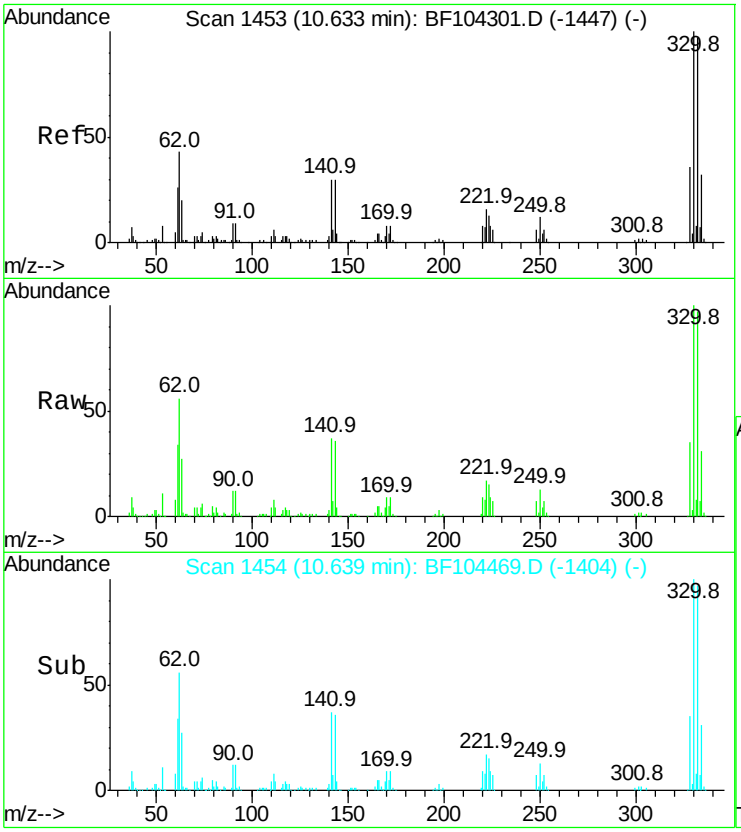


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Tgt Ion:164 Resp: 154583

Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	46.3	38.3	57.5



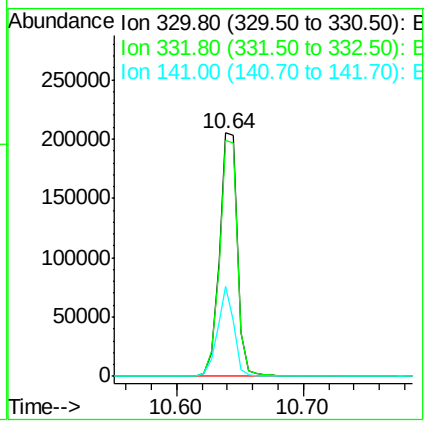


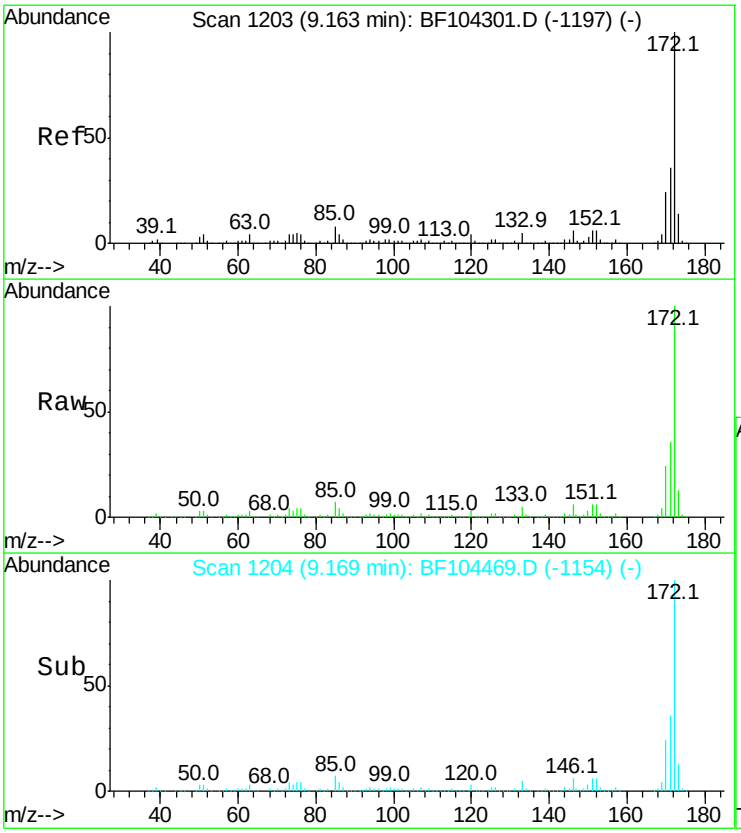
#41
2,4,6-Tribromophenol
Concen: 127.403 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 204294

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

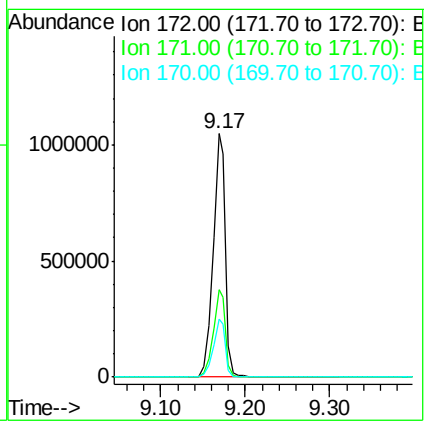


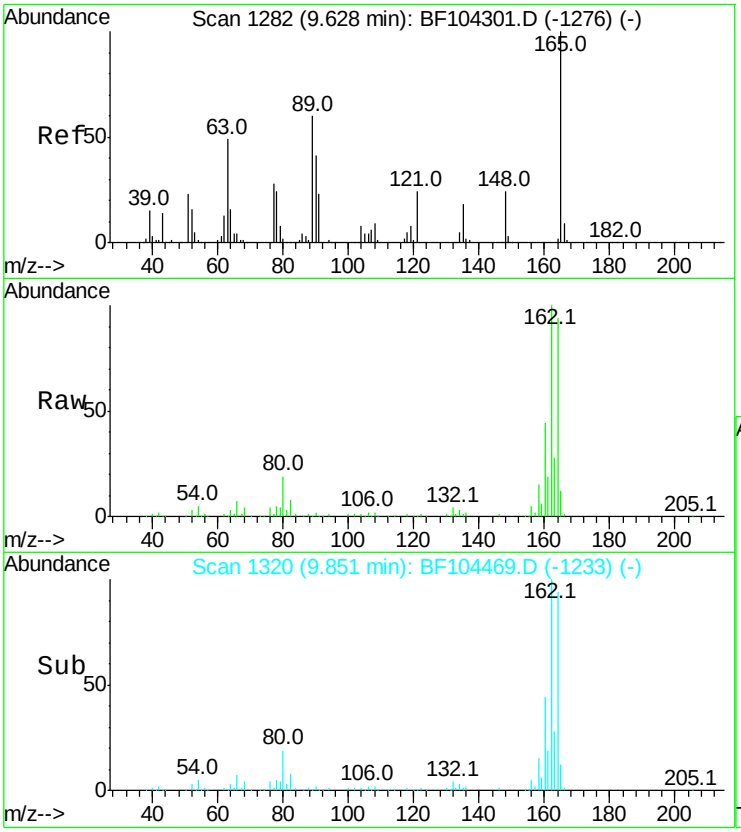


#44
2-Fluorobiphenyl
Concen: 110.857 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Tgt Ion:172 Resp: 1084767

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4



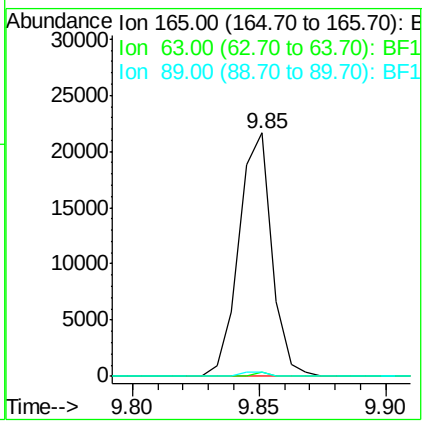


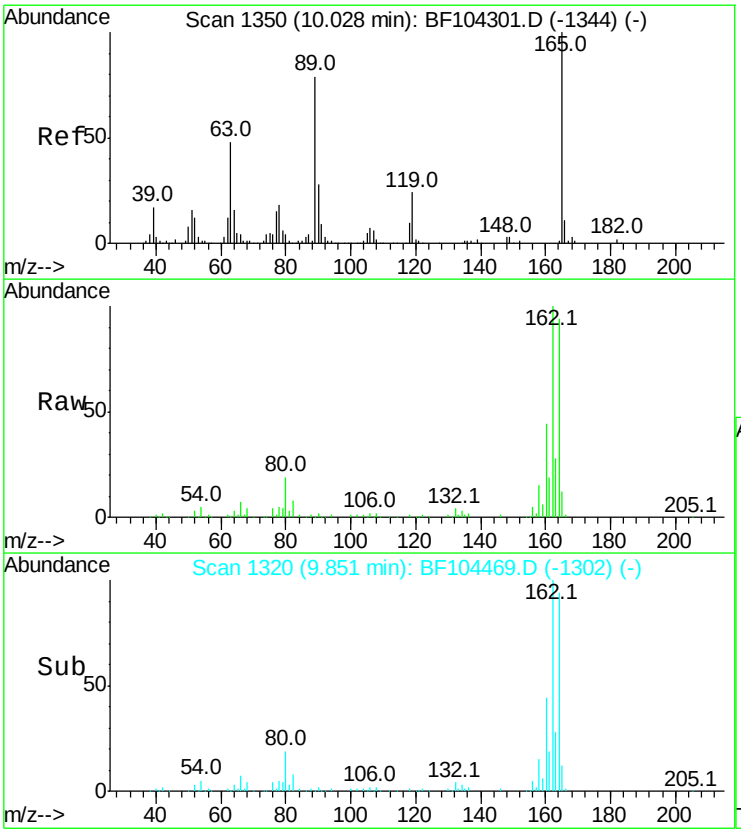
#50
2,6-Dinitrotoluene
Concen: 8.643 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19496

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.8	44.0	66.0#

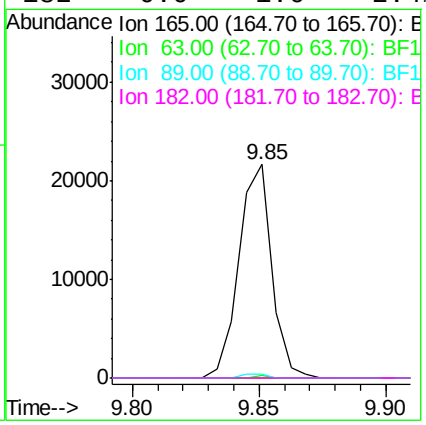


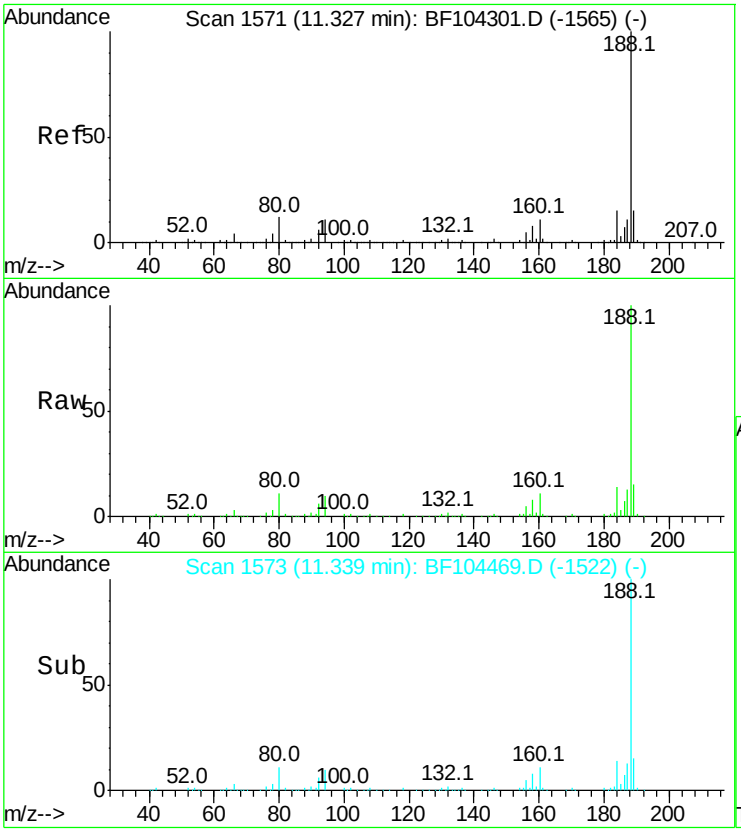


#56
2,4-Dinitrotoluene
Concen: 6.589 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Tgt Ion:165 Resp: 19496

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



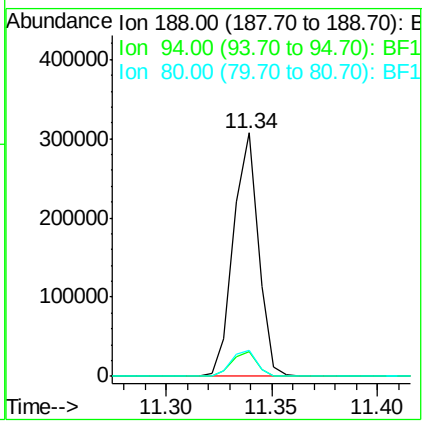


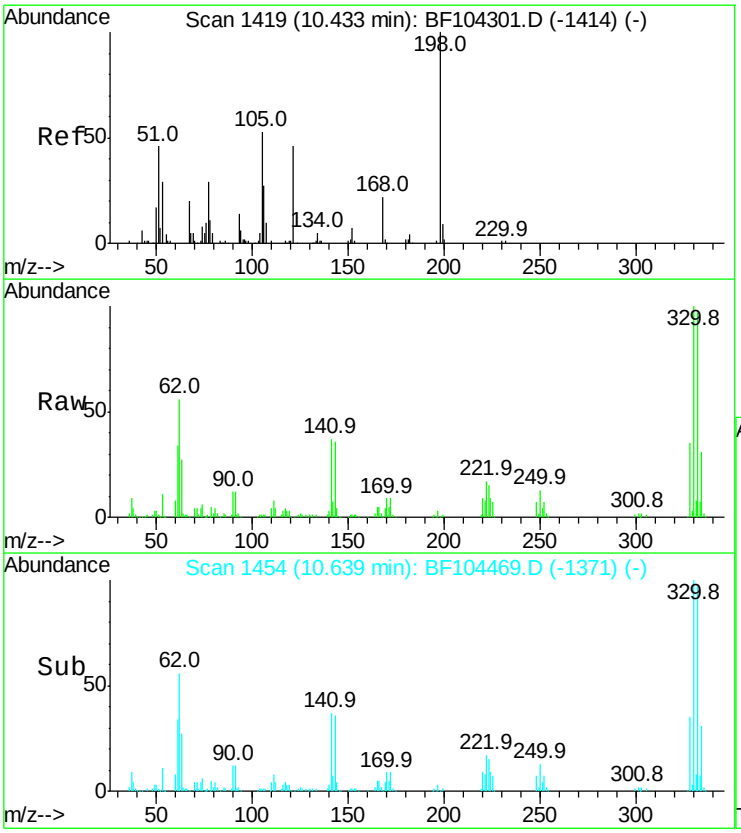
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 250104

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.8	9.2	13.8

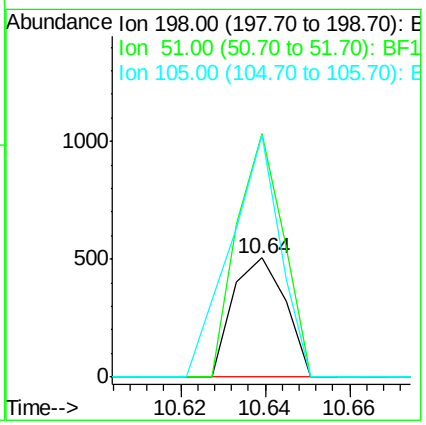


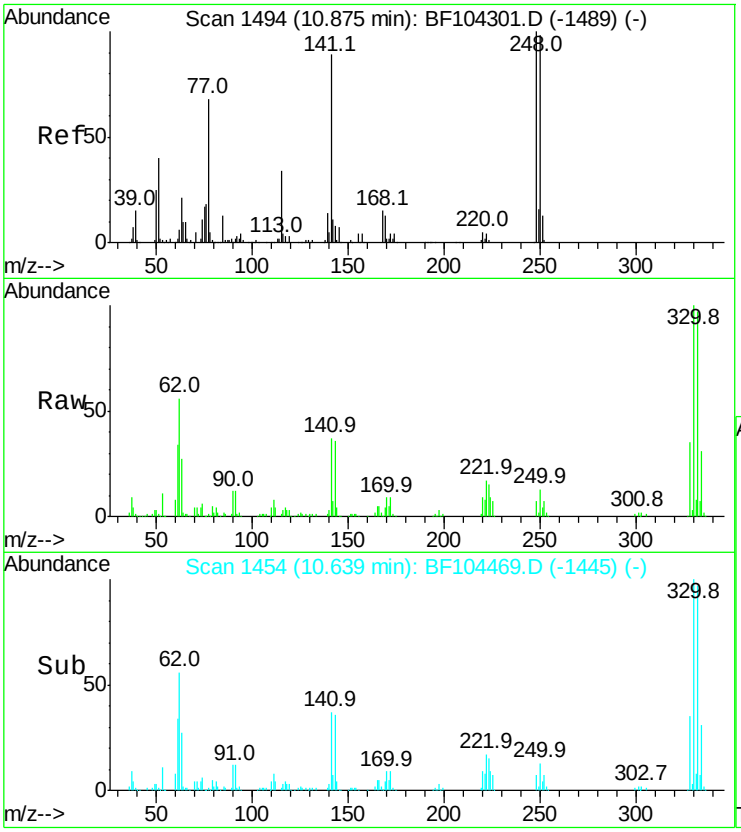


#64
4,6-Dinitro-2-methylphenol
Concen: 7.648 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Tgt Ion:198 Resp: 433

Ion	Ratio	Lower	Upper
198	100		
51	204.6	37.7	77.7#
105	204.0	36.3	76.3#



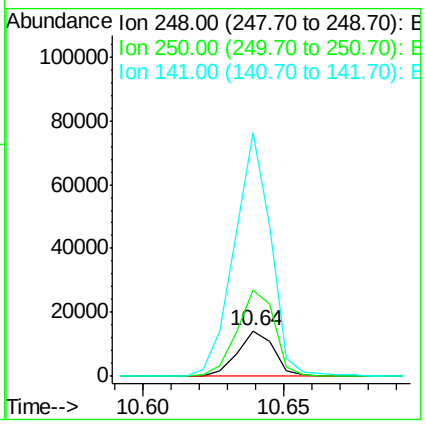


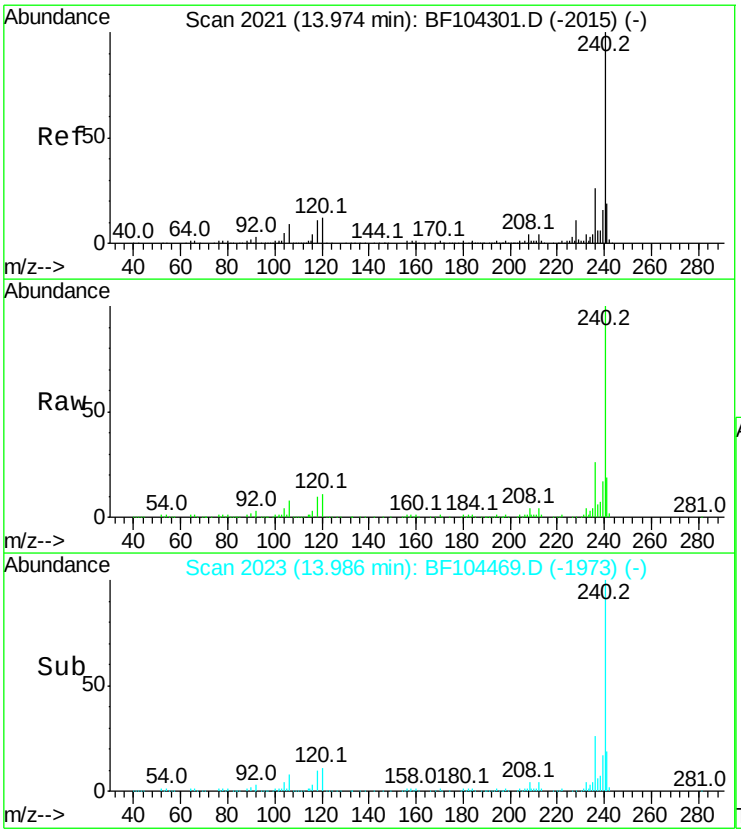
#66
4-Bromophenyl-phenylether
Concen: 4.758 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12657

Ion	Ratio	Lower	Upper
248	100		
250	187.7	76.9	115.3#
141	532.1	74.4	111.6#

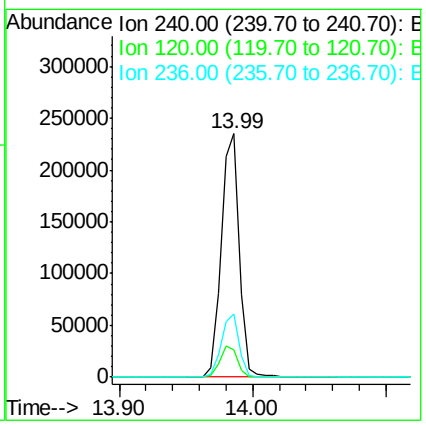


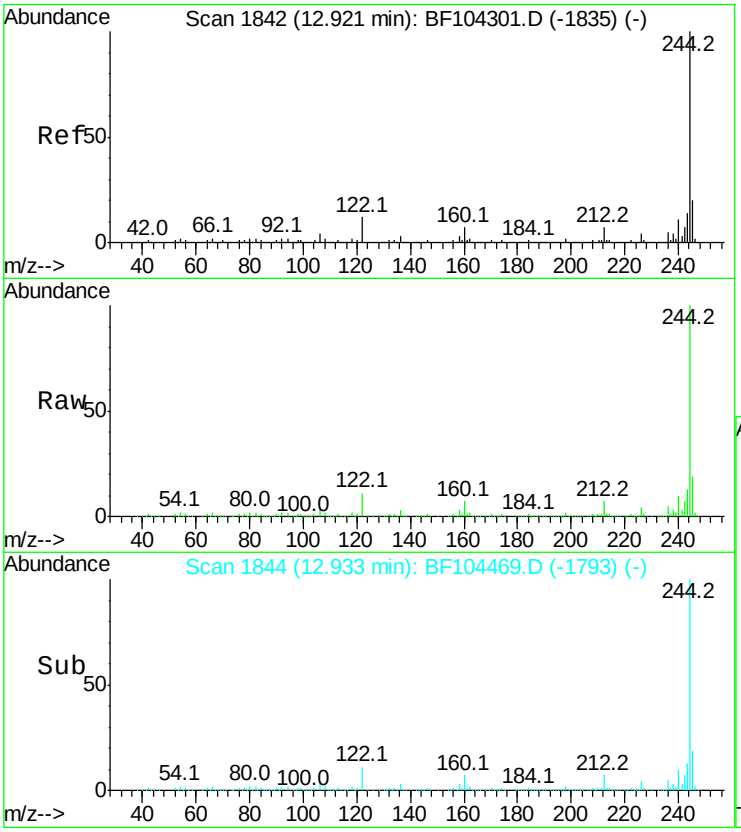


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Tgt Ion:240 Resp: 224327

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	25.9	20.7	31.1



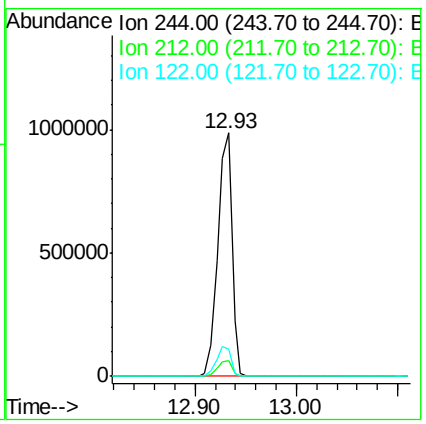


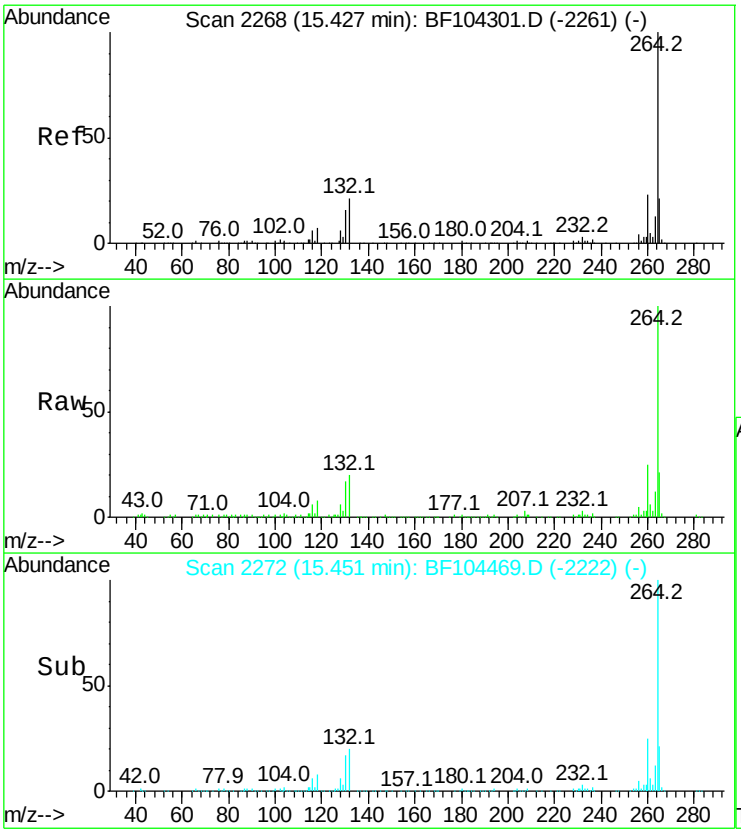
#78
Terphenyl-d14
Concen: 97.680 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 961134

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104469.D
Acq: 12 Apr 2018 23:24

Tgt Ion:264 Resp: 160803

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	20.9	17.5	26.3