Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104495.D
Acq On : 13 Apr 2018 22:42
Operator : JU/SJ
Sample : PB108218BL
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 14 00:14:04 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	126000	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	483126	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	200583	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	300835	20.00	ng	0.00
75) Chrysene-d12	13.98	240	234769	20.00	ng	-0.01
86) Perylene-d12	15.45	264	174598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	535055	64.93	ng	0.01
7) Phenol-d6	6.45	99	639293	63.14	ng	0.00
23) Nitrobenzene-d5	7.37	82	383642	51.85	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	111227	53.46	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	707464	55.72	ng	0.00
78) Terphenyl-d14	12.93	244	516976	50.20	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	789	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	48787	7.374	ng	# 74
25) Isophorone	7.37	82	383638	24.520	ng	# 64
49) Dimethylphthalate	9.56	163	40992	2.592	ng	97
50) 2,6-Dinitrotoluene	9.85	165	24967	8.530	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	24967	6.503	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.64	198	111	7.411	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	6830	2.134	ng	# 1
76) Benzidine	12.93	184	6212	Below Cal		99

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

Quantitation Report (Not Reviewed)

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Acq On : 13 Apr 2018 22:42
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Misc :
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Instrument :
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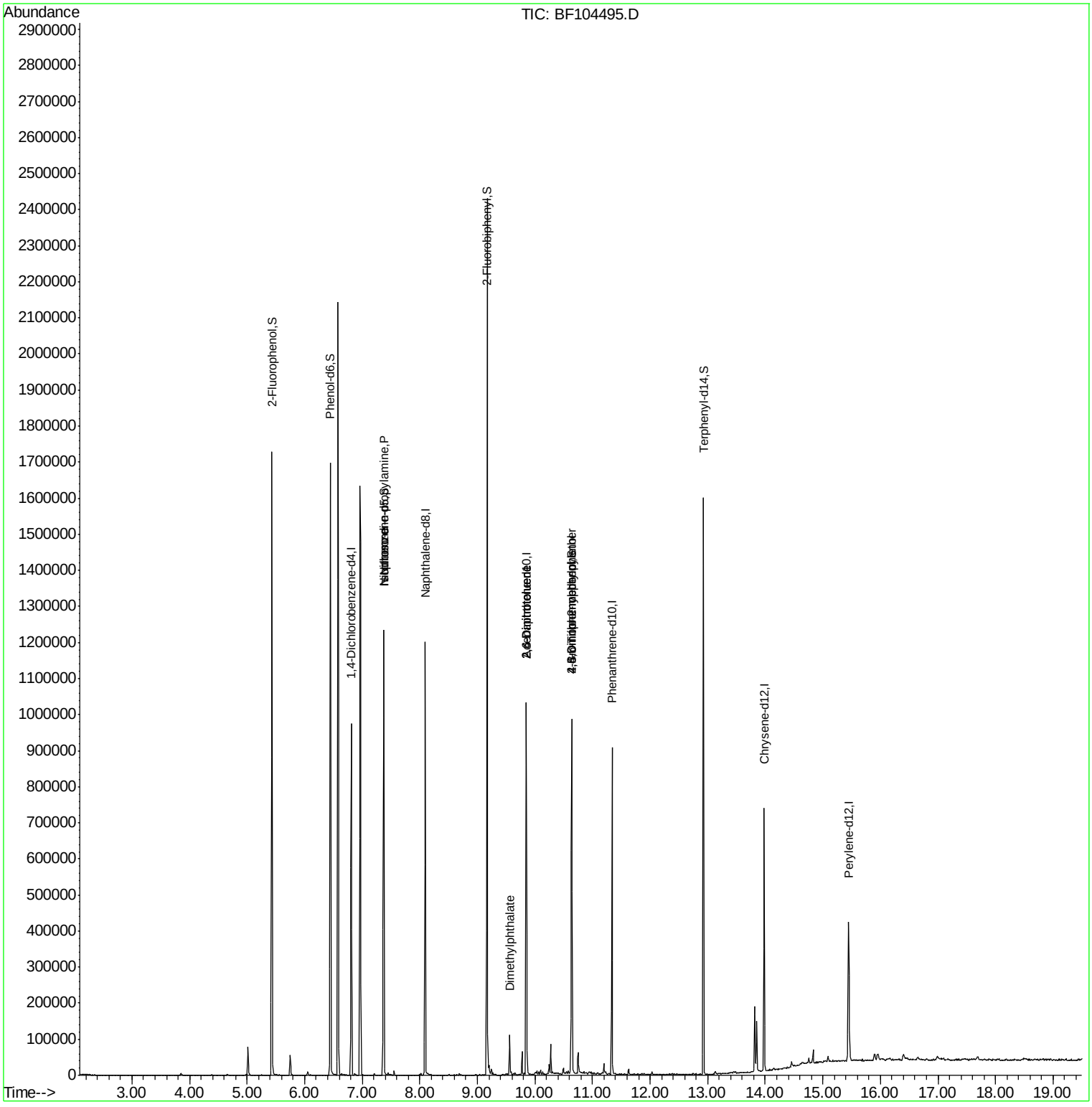
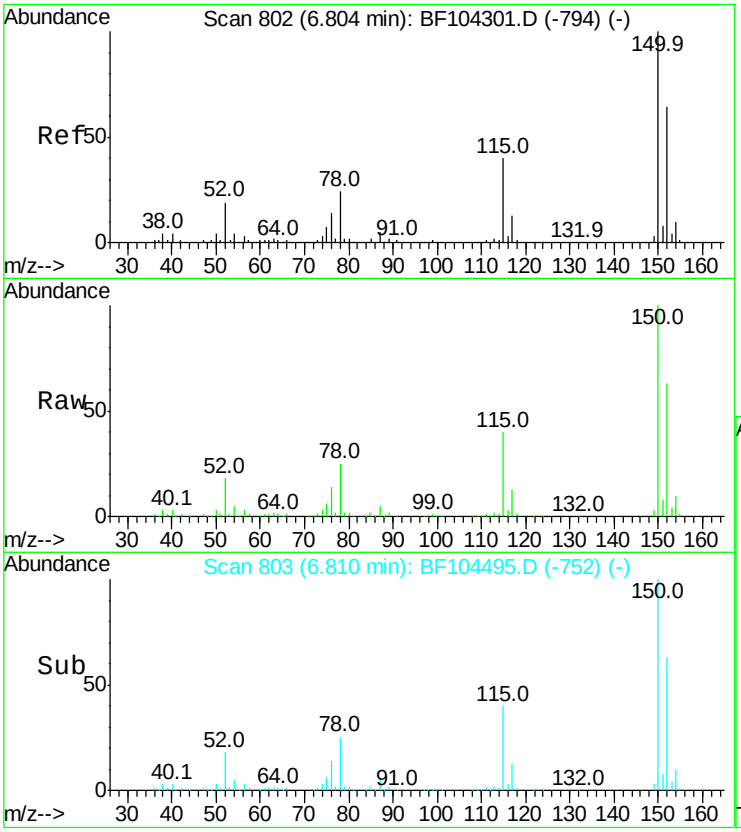
ClientSampleId :

Quant Time: Apr 14 00:14:04 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration



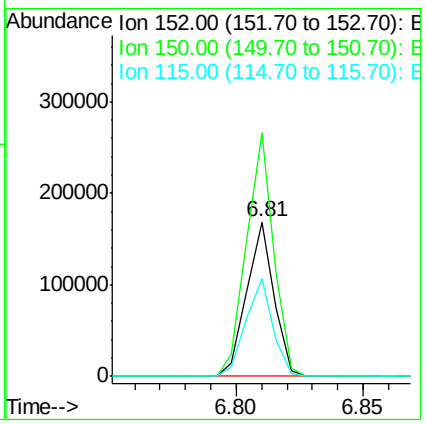


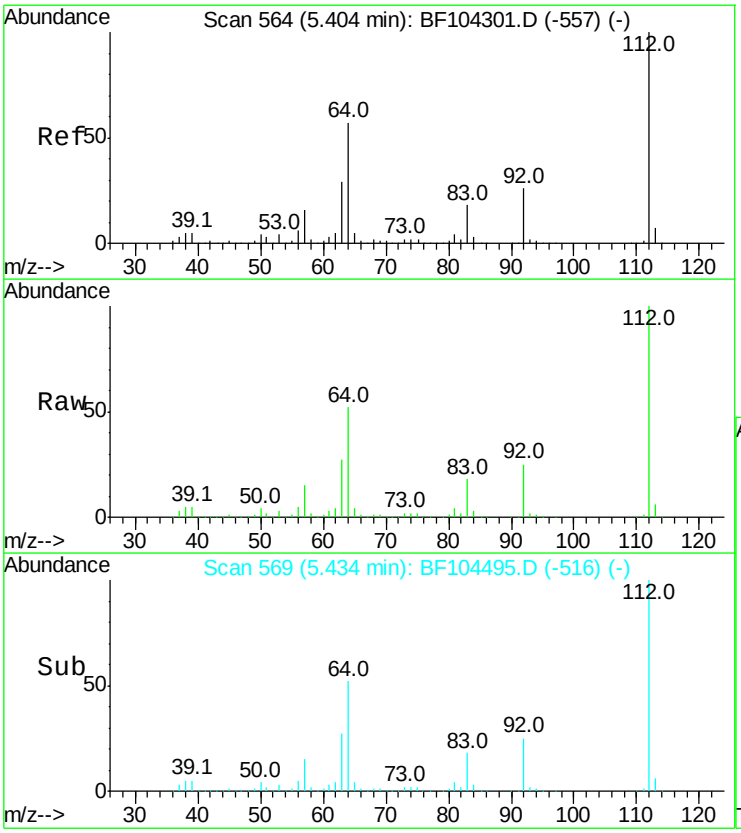
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104495.D
Acq: 13 Apr 2018 22:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 126000

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	63.2	50.1	75.1

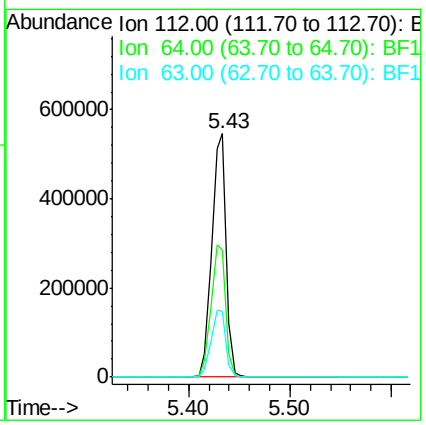


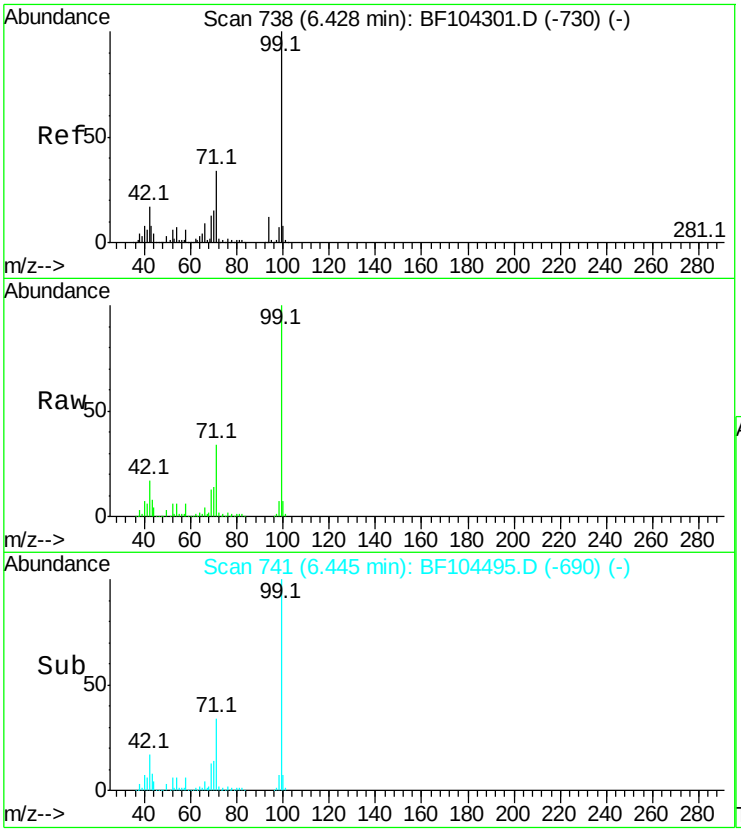


#5
2-Fluorophenol
Concen: 64.931 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF104495.D
Acq: 13 Apr 2018 22:42

Tgt Ion:112 Resp: 535055

Ion	Ratio	Lower	Upper
112	100		
64	52.0	47.9	71.9
63	26.7	23.7	35.5



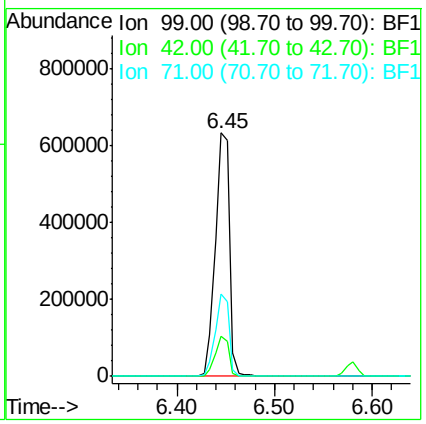


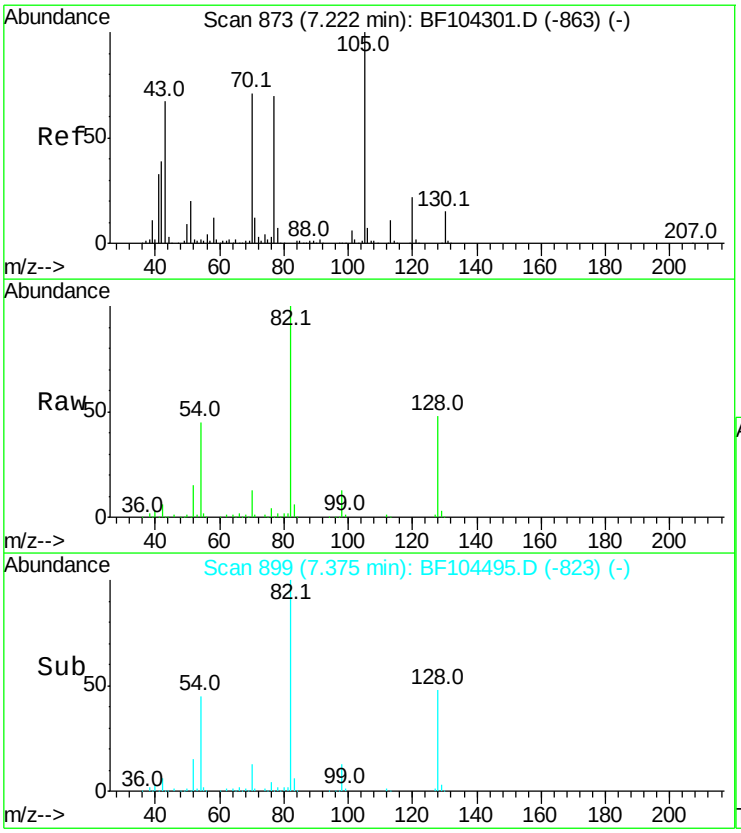
#7
Phenol-d6
Concen: 63.142 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF104495.D
Acq: 13 Apr 2018 22:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 639293

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.5	21.7
71	34.0	25.4	38.0

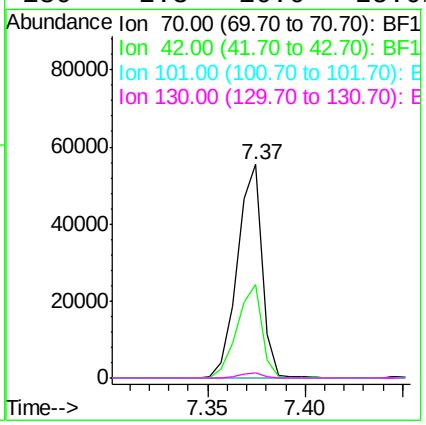


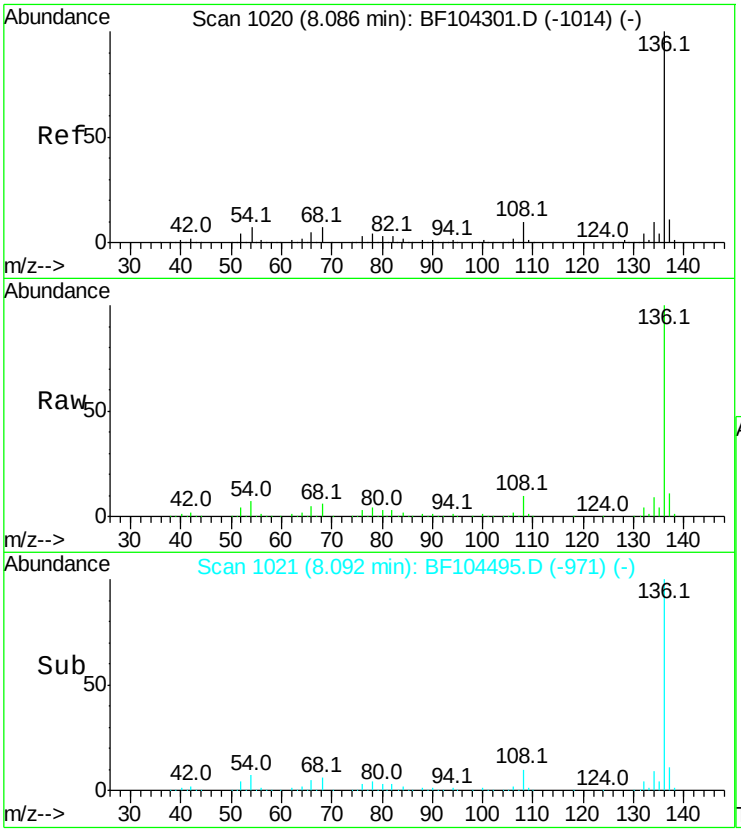


#19
n-Nitroso-di-n-propylamine
Concen: 7.374 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104495.D
Acq: 13 Apr 2018 22:42

Tgt Ion: 70 Resp: 48787

Ion	Ratio	Lower	Upper
70	100		
42	43.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



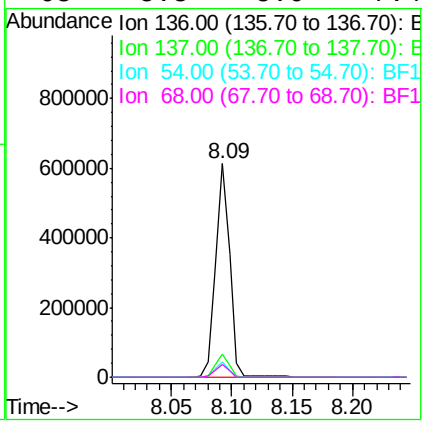


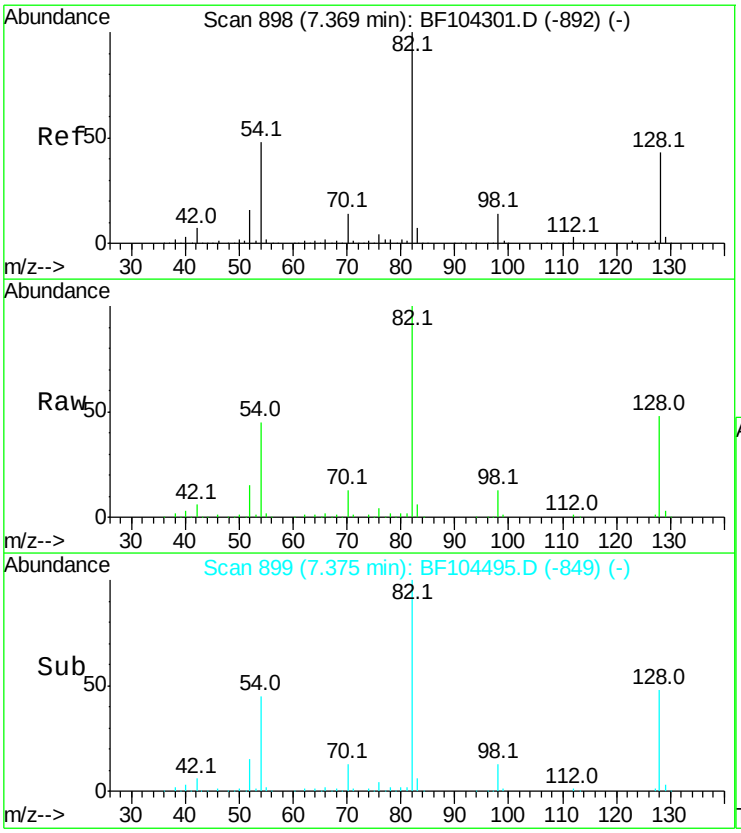
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104495.D
Acq: 13 Apr 2018 22:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 483126

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.9	6.6	9.8
68	5.8	5.0	7.4

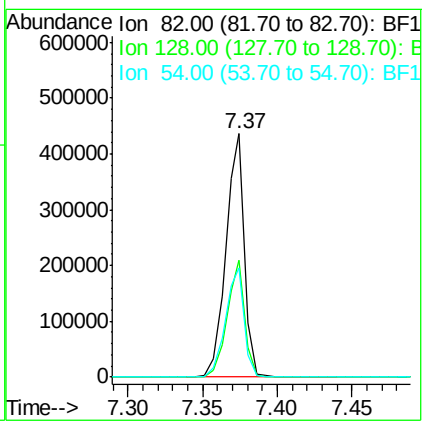


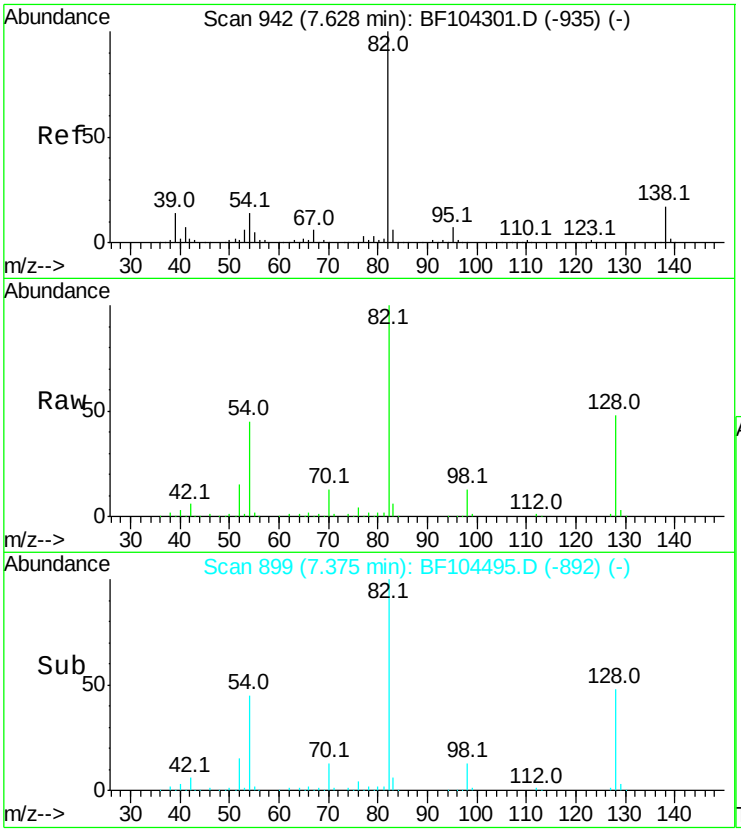


#23
Nitrobenzene-d5
Concen: 51.852 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104495.D
Acq: 13 Apr 2018 22:42

Tgt Ion: 82 Resp: 383642

Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	45.0	41.4	62.2



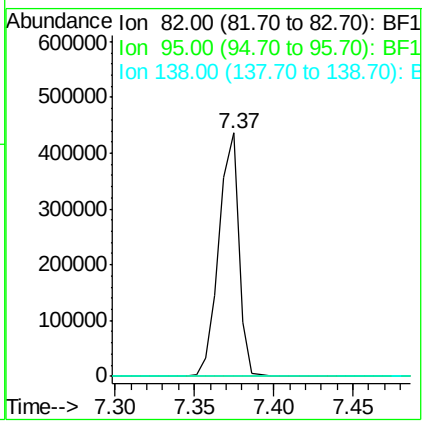


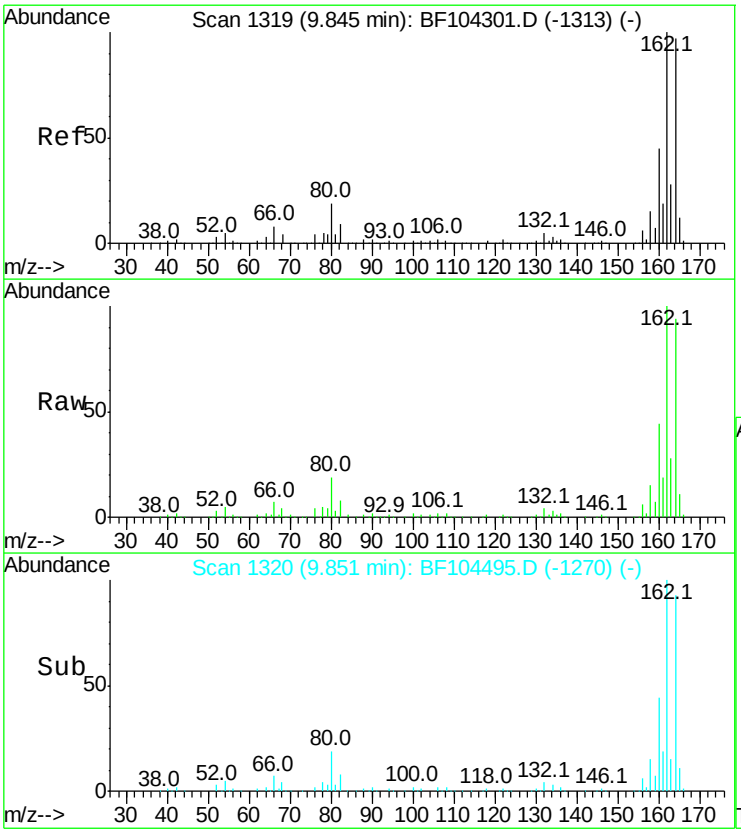
#25
Isophorone
Concen: 24.520 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF104495.D
Acq: 13 Apr 2018 22:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 383638

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

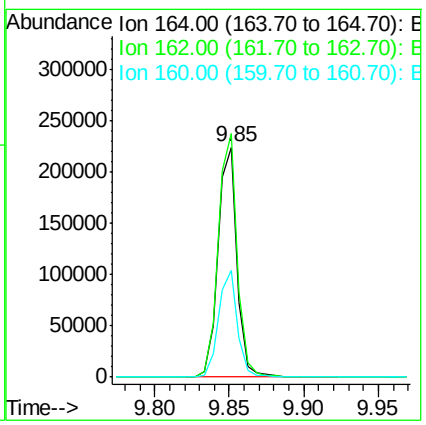


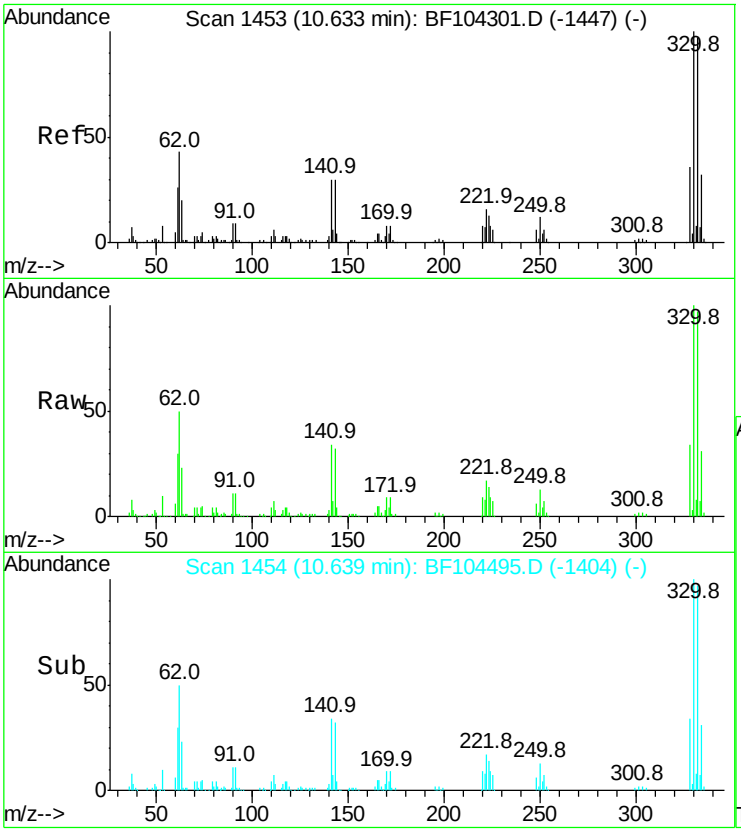


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF104495.D
Acq: 13 Apr 2018 22:42

Tgt Ion:164 Resp: 200583

Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	46.6	38.3	57.5



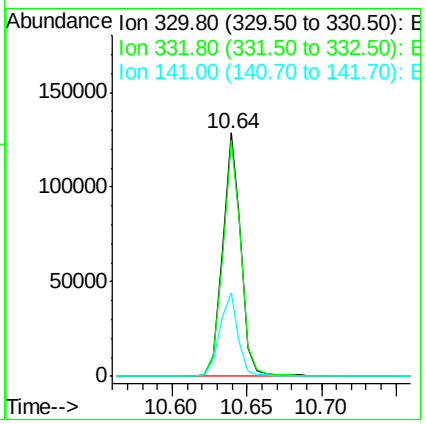


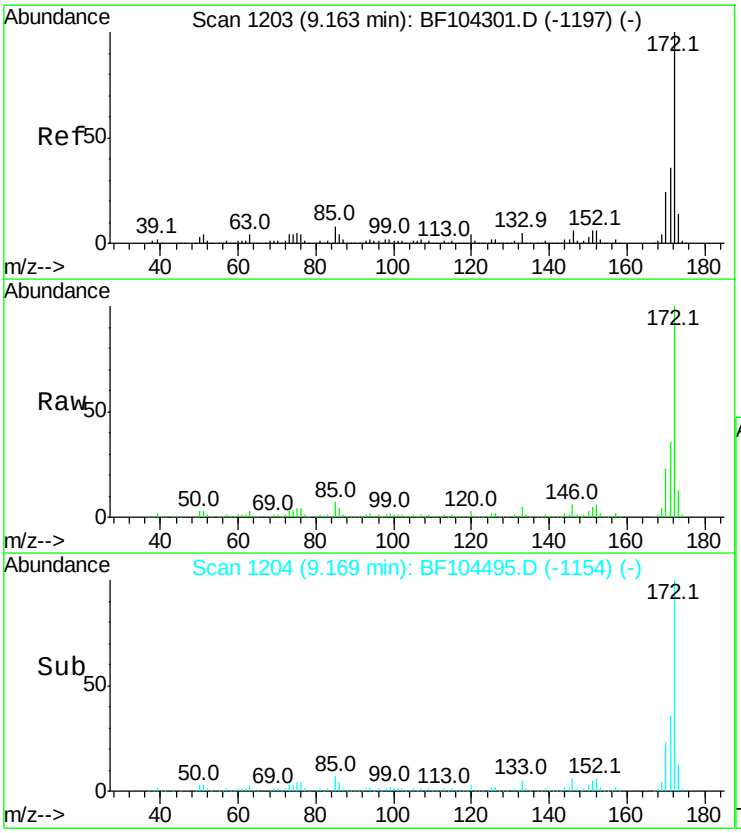
#41
2,4,6-Tribromophenol
Concen: 53.456 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF104495.D
Acq: 13 Apr 2018 22:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 111227

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	34.5	29.9	44.9

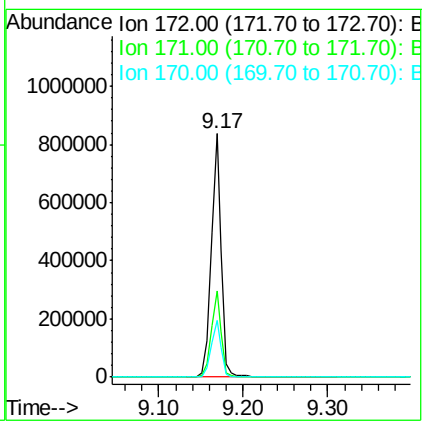


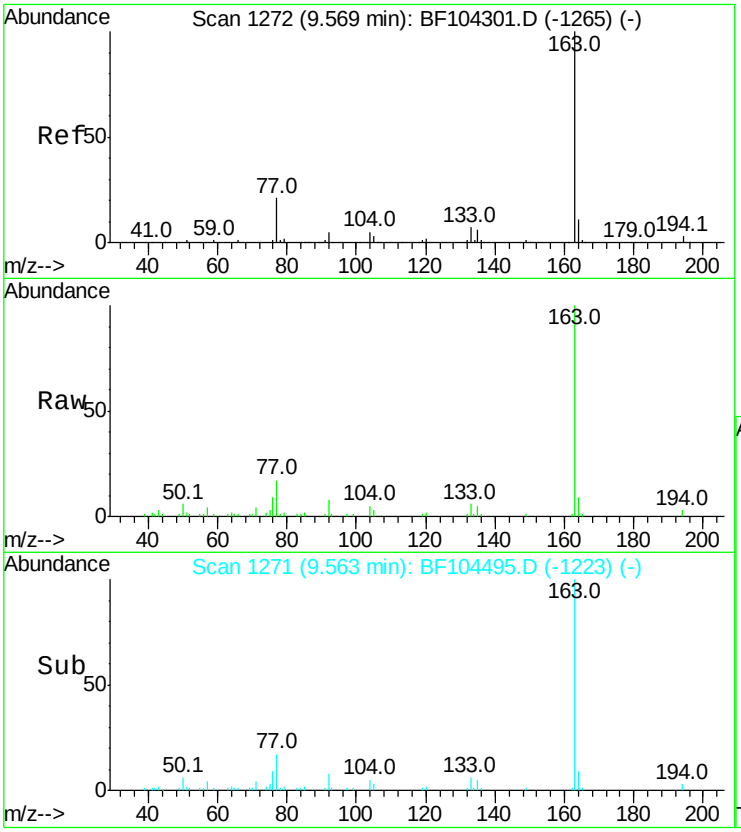


#44
2-Fluorobiphenyl
Concen: 55.718 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104495.D
Acq: 13 Apr 2018 22:42

Tgt Ion:172 Resp: 707464

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.4	19.6	29.4



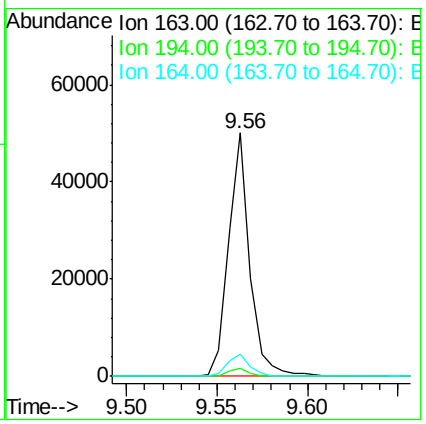


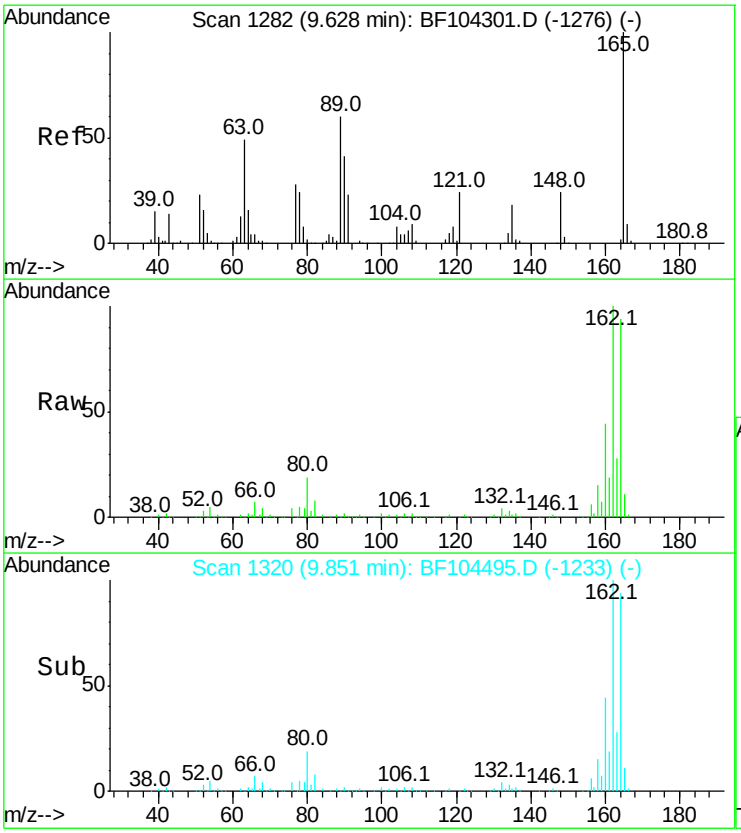
#49
Dimethylphthalate
Concen: 2.592 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF104495.D
Acq: 13 Apr 2018 22:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 40992

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	8.9	8.2	12.2

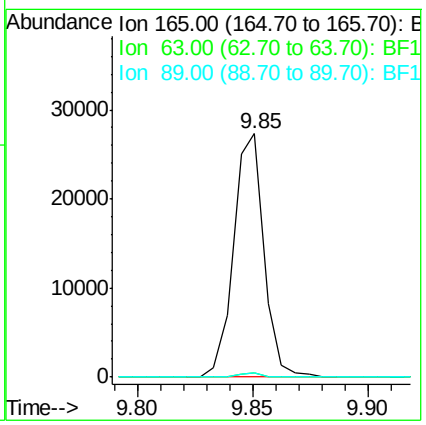


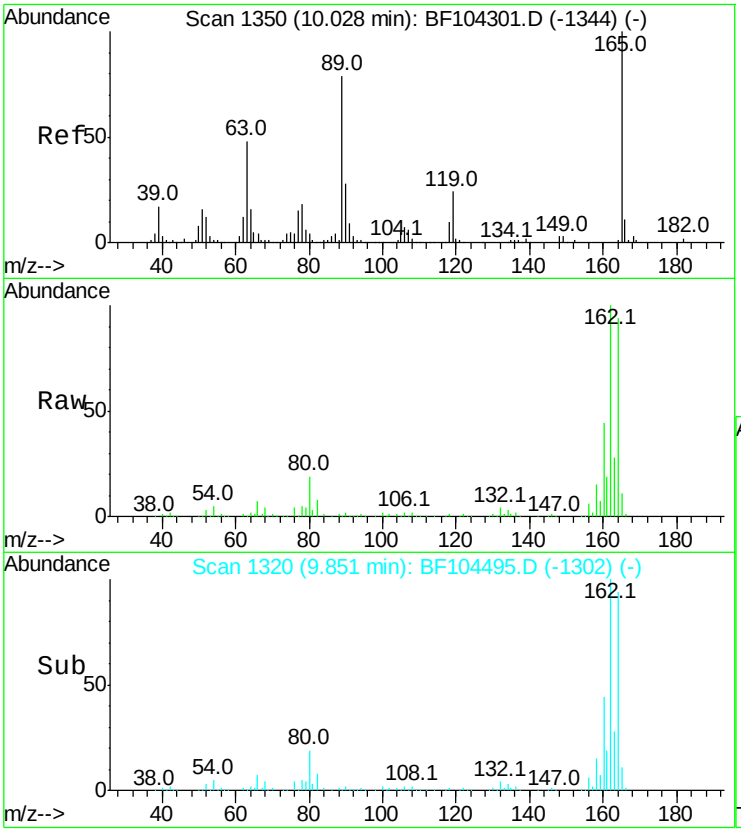


#50
2,6-Dinitrotoluene
Concen: 8.530 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF104495.D
Acq: 13 Apr 2018 22:42

Tgt Ion:165 Resp: 24967

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	2.0	44.0	66.0#



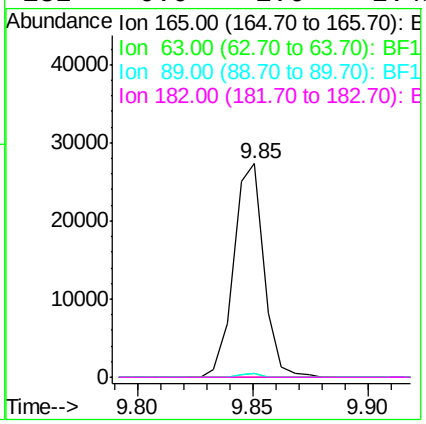


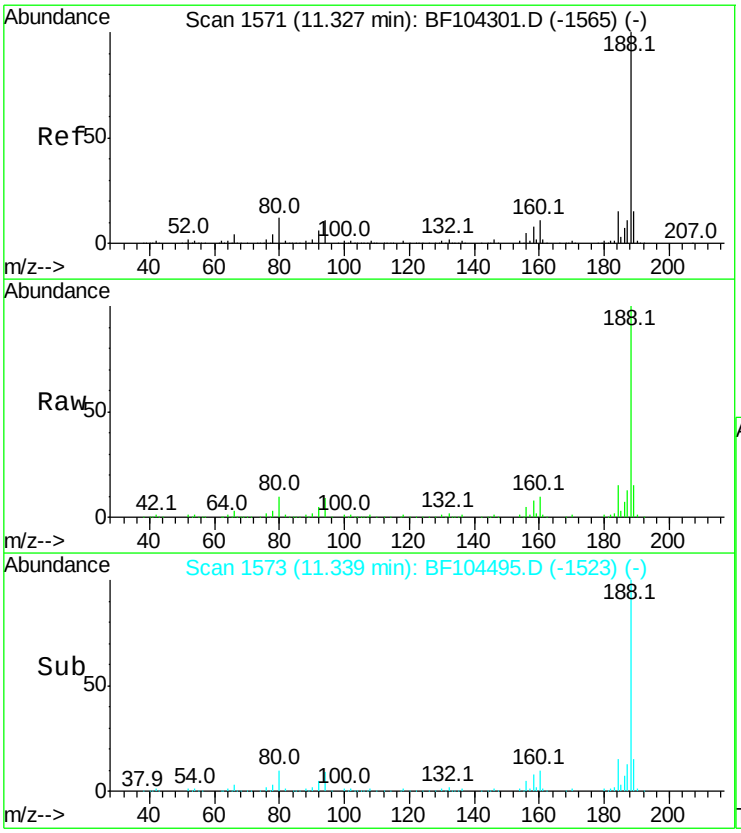
#56
2,4-Dinitrotoluene
Concen: 6.503 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF104495.D
Acq: 13 Apr 2018 22:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24967

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

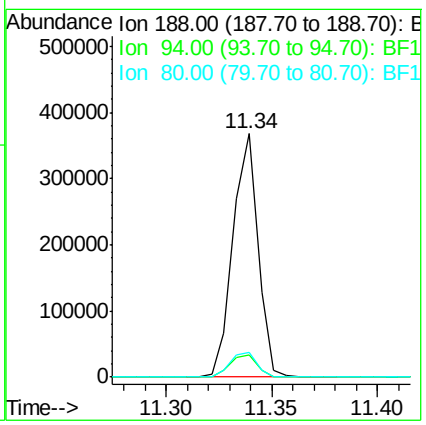


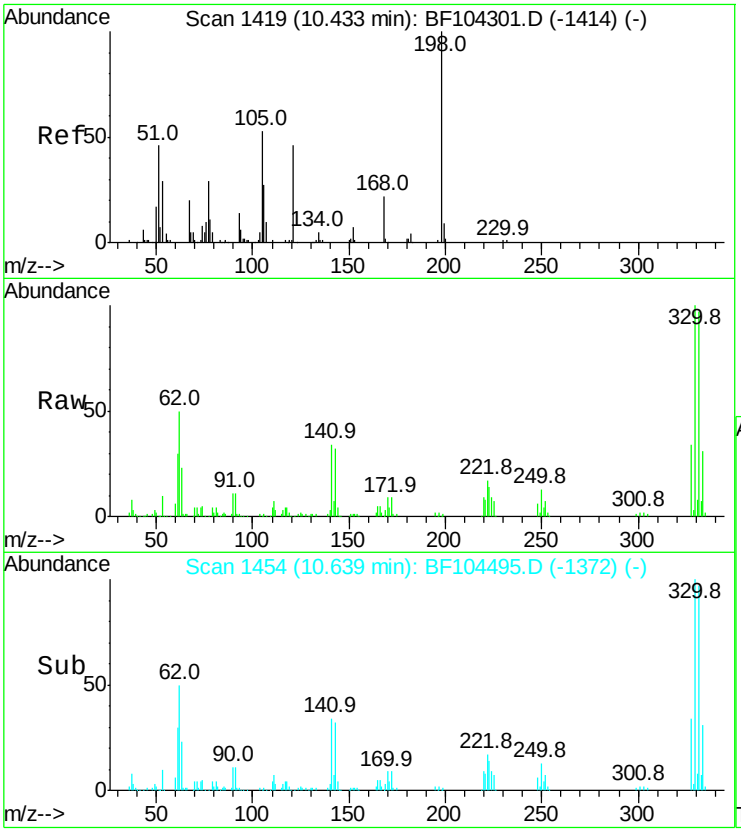


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF104495.D
Acq: 13 Apr 2018 22:42

Tgt Ion:188 Resp: 300835

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.3	9.2	13.8



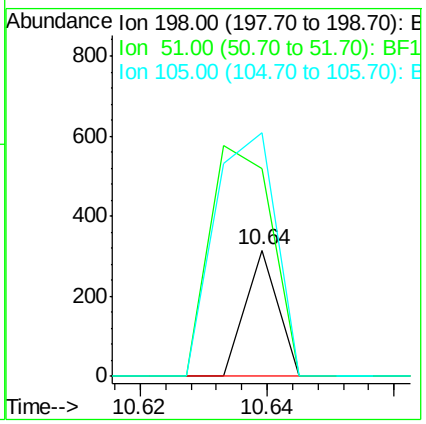


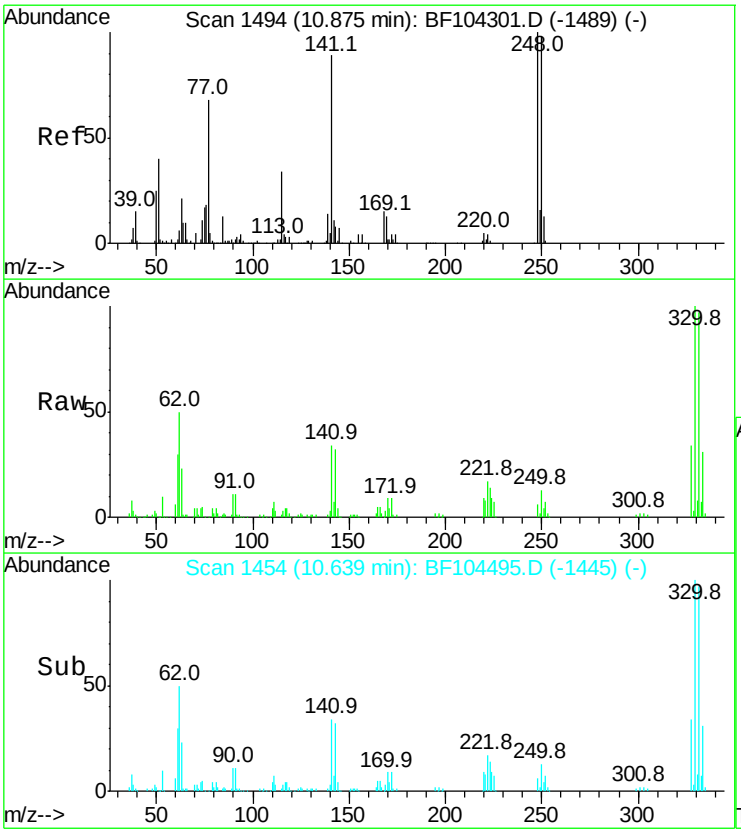
#64
4,6-Dinitro-2-methylphenol
Concen: 7.411 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF104495.D
Acq: 13 Apr 2018 22:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 111

Ion	Ratio	Lower	Upper
198	100		
51	164.8	37.7	77.7#
105	193.0	36.3	76.3#

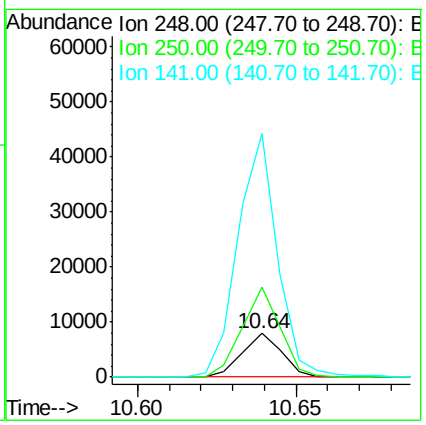


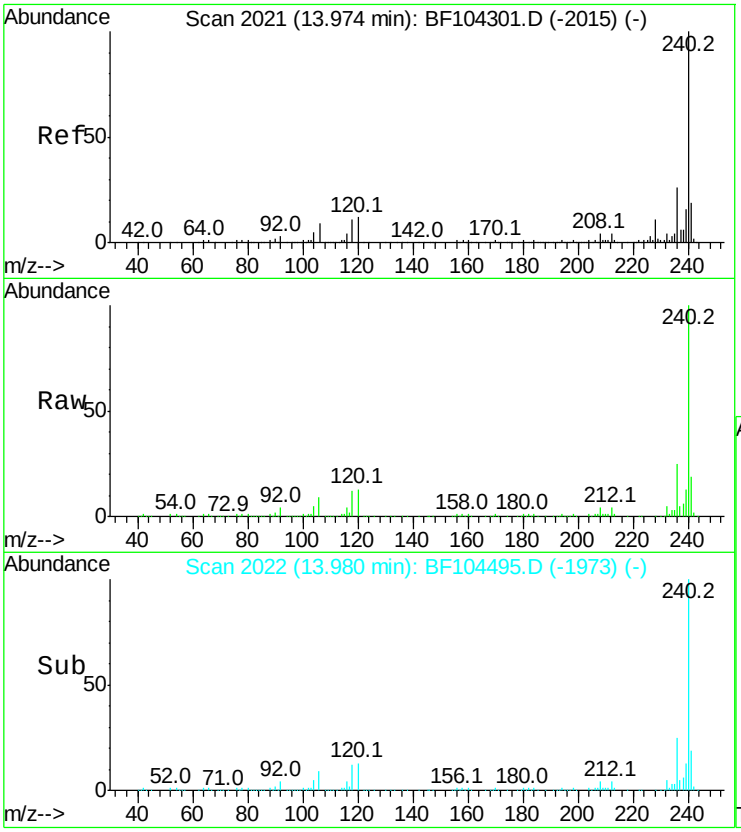


#66
4-Bromophenyl-phenylether
Concen: 2.134 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF104495.D
Acq: 13 Apr 2018 22:42

Tgt Ion:248 Resp: 6830

Ion	Ratio	Lower	Upper
248	100		
250	204.6	76.9	115.3#
141	557.1	74.4	111.6#



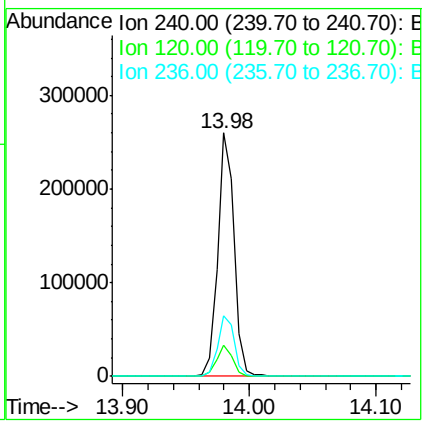


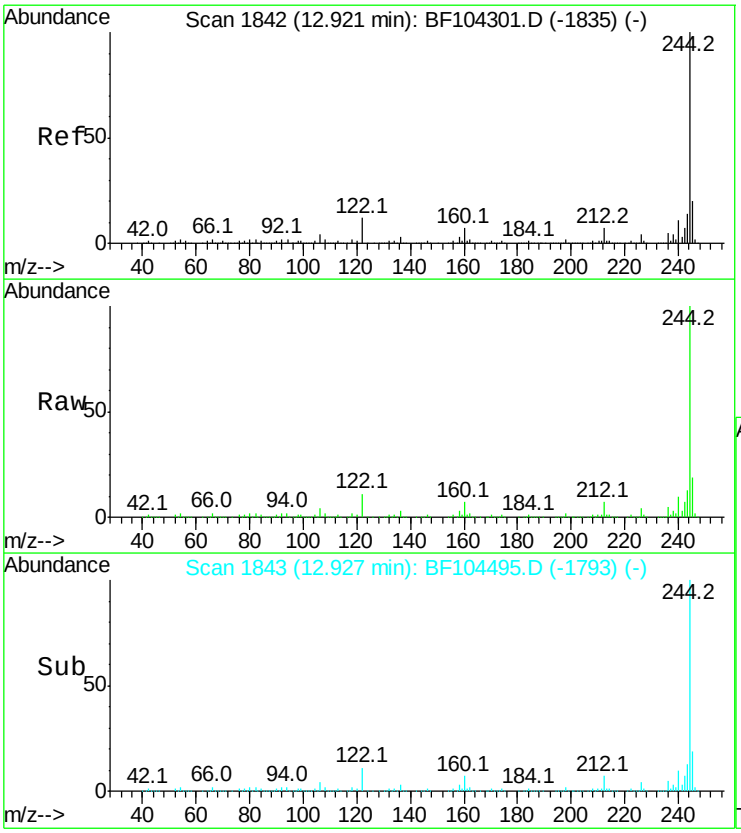
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104495.D
Acq: 13 Apr 2018 22:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 234769

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	25.0	20.7	31.1

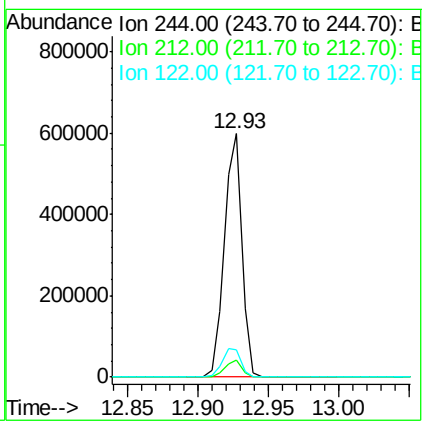


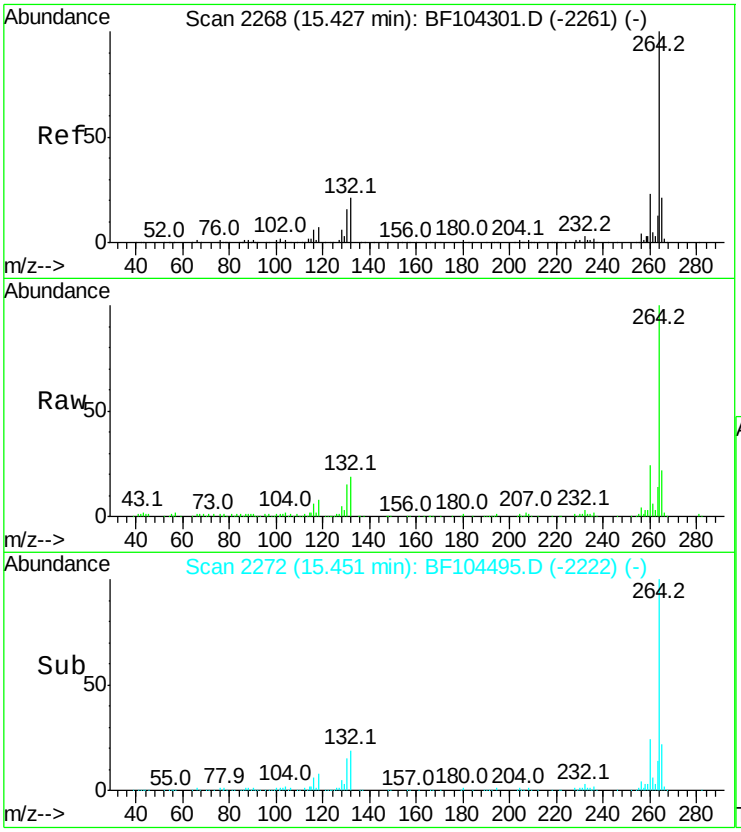


#78
Terphenyl-d14
Concen: 50.203 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF104495.D
Acq: 13 Apr 2018 22:42

Tgt Ion:244 Resp: 516976

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.0	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: BF104495.D
Acq: 13 Apr 2018 22:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 174598

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	17.5	26.3