Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084516.D
Acq On : 16 Jan 2016 3:29
Operator : SJ/UM
Sample : H1144-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 16 04:06:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 03:20:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	245596	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	1021527	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	452062	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	791644	20.00	ng		0.00
75) Chrysene-d12	13.99	240	616018	20.00	ng		0.00
86) Perylene-d12	15.40	264	538483	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1926705	126.89	ng		0.01
7) Phenol-d6	6.46	99	2213760	116.09	ng		-0.01
23) Nitrobenzene-d5	7.39	82	1600206	87.18	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	593048	129.94	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	2181704	84.89	ng		-0.01
78) Terphenyl-d14	12.93	244	1776069	64.36	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	215809	16.72	ng	#	74
49) Dimethylphthalate	9.58	163	656198	20.30	ng	#	90
54) Dibenzofuran	10.06	168	381	Below Cal		#	45
56) 2,4-Dinitrotoluene	9.86	165	59124	6.59	ng	#	21
57) Fluorene	10.65	166	21562	Below Cal		#	77
64) 4,6-Dinitro-2-methylphenol	10.65	198	1265	6.62	ng	#	1
66) 4-Bromophenyl-phenylether	10.66	248	37184	4.36	ng	#	1
73) Di-n-butylphthalate	11.92	149	2575	Below Cal		#	79

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

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011516\
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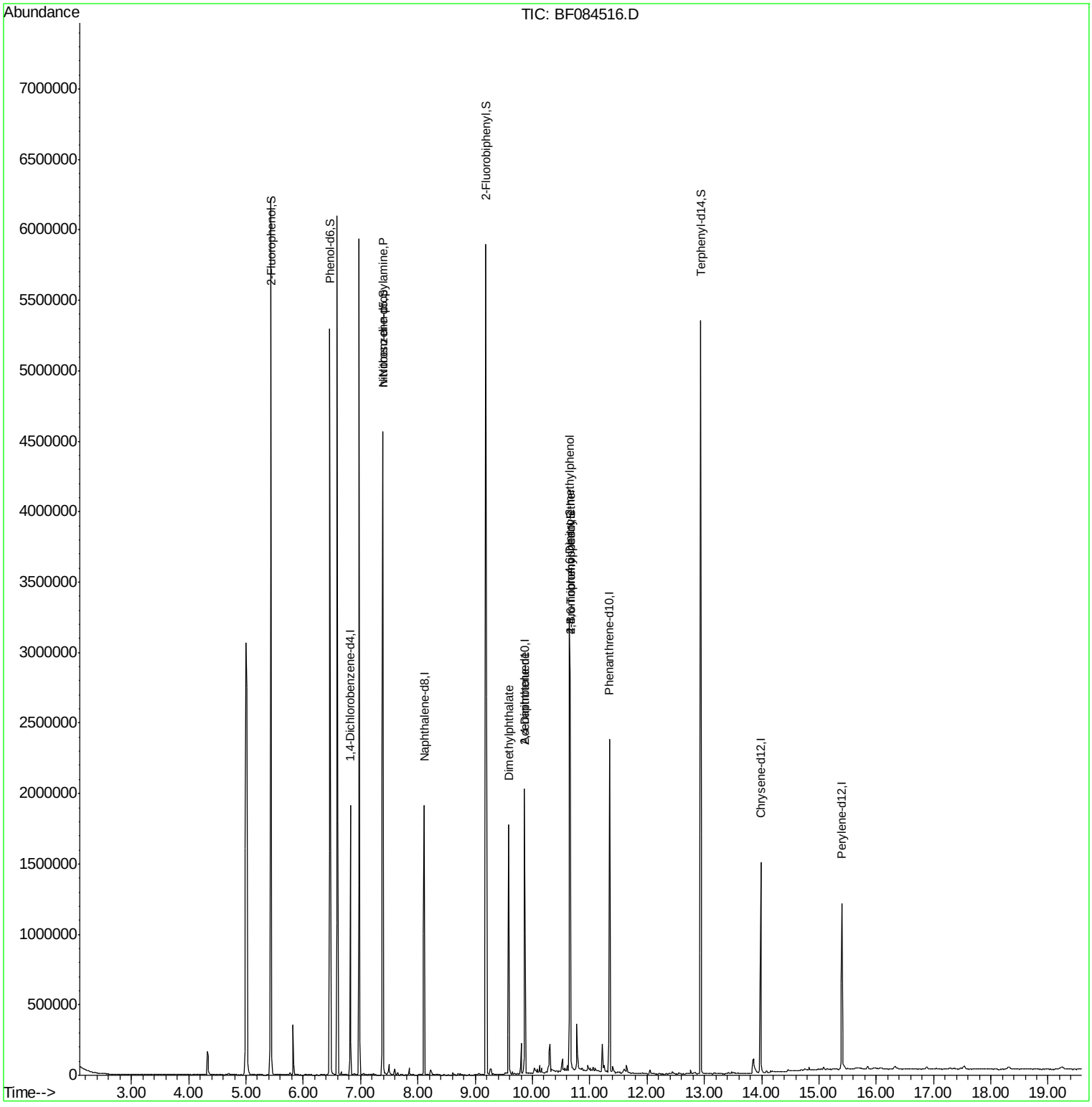
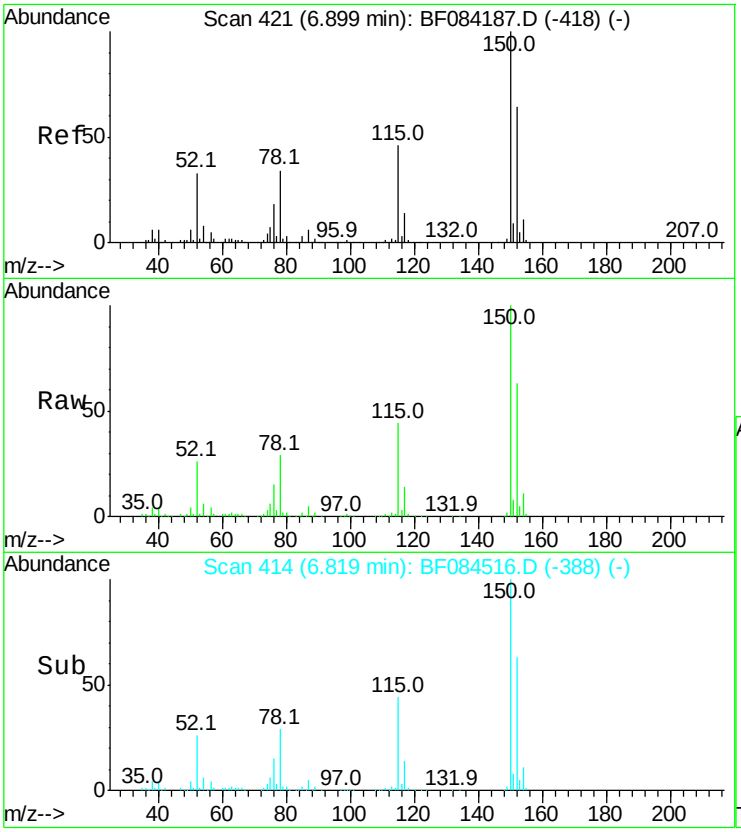
Acq On : 16 Jan 2016 3:29
Operator : SJ/UM
Sample : H1144-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 16 04:06:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 03:20:07 2016
Response via : Initial Calibration



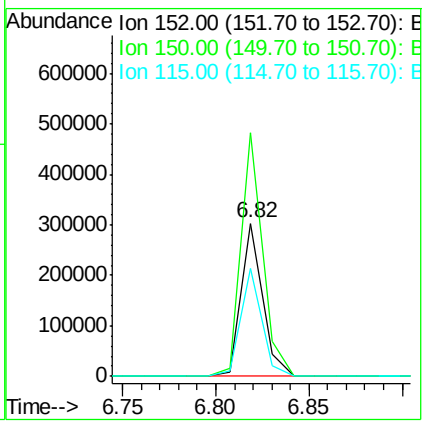


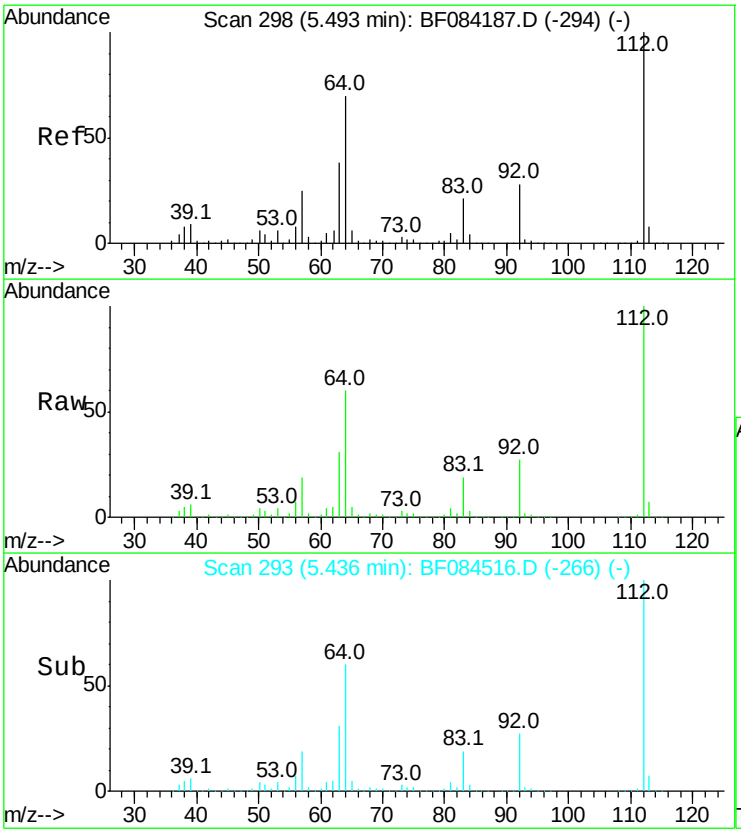
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF084516.D
Acq: 16 Jan 2016 3:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 245596

Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.0	184.4
115	70.6	51.4	77.2

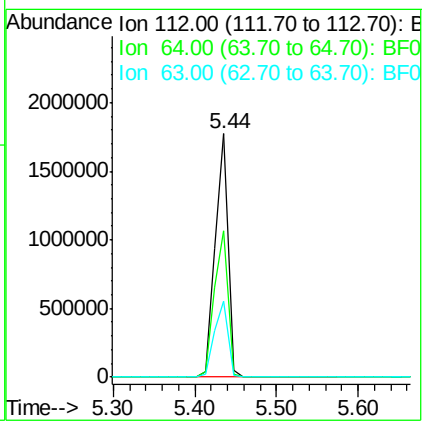


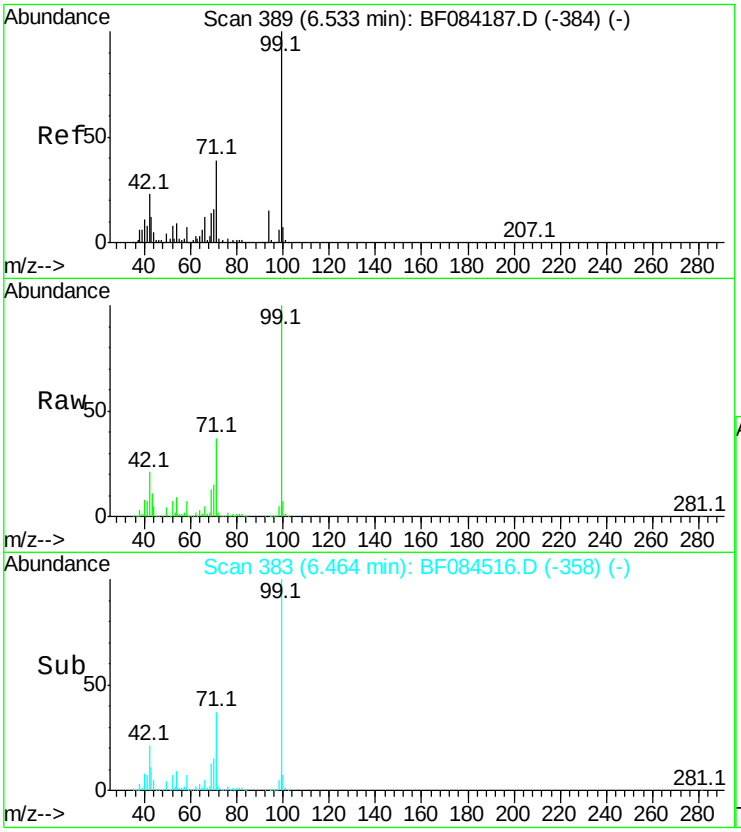


#5
2-Fluorophenol
Concen: 126.89 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF084516.D
Acq: 16 Jan 2016 3:29

Tgt Ion:112 Resp: 1926705

Ion	Ratio	Lower	Upper
112	100		
64	59.9	36.6	55.0#
63	30.9	19.4	29.0#



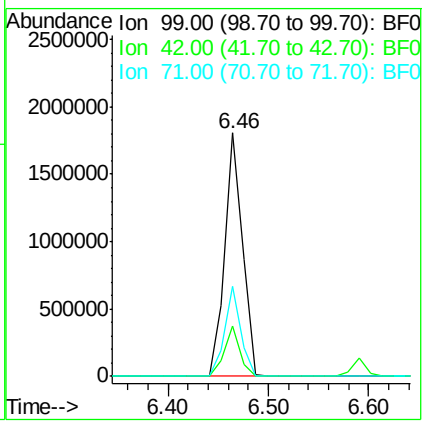


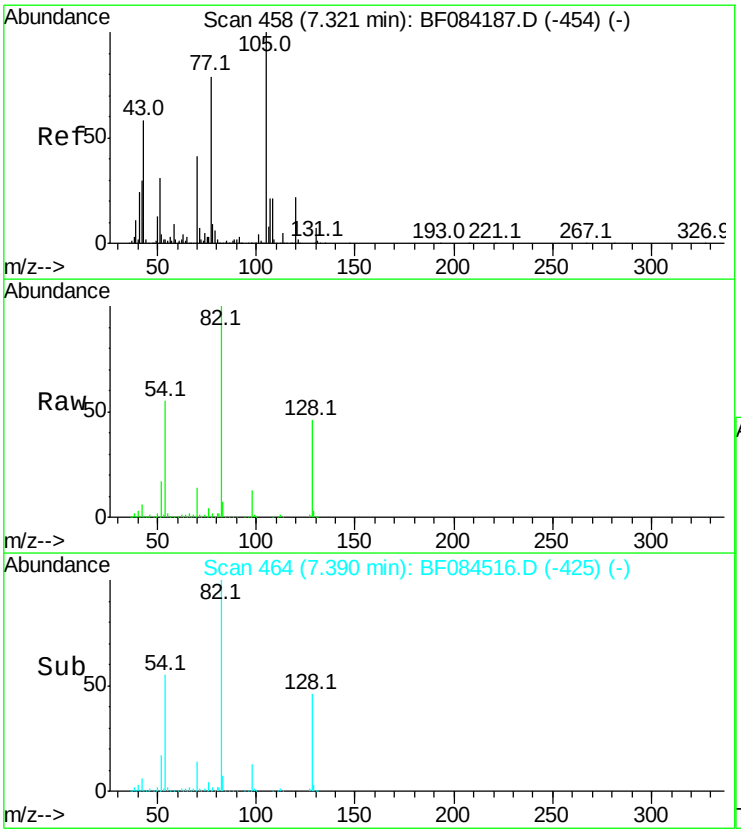
#7
Phenol-d6
Concen: 116.09 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.01 min
Lab File: BF084516.D
Acq: 16 Jan 2016 3:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2213760

Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	36.9	30.9	46.3

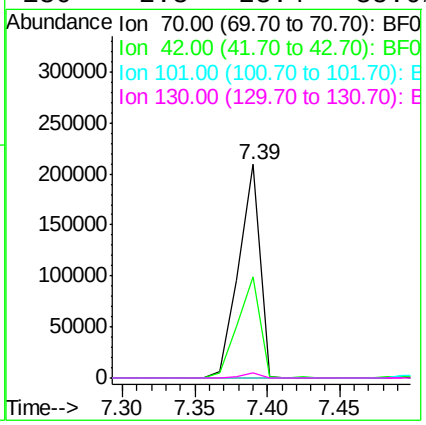


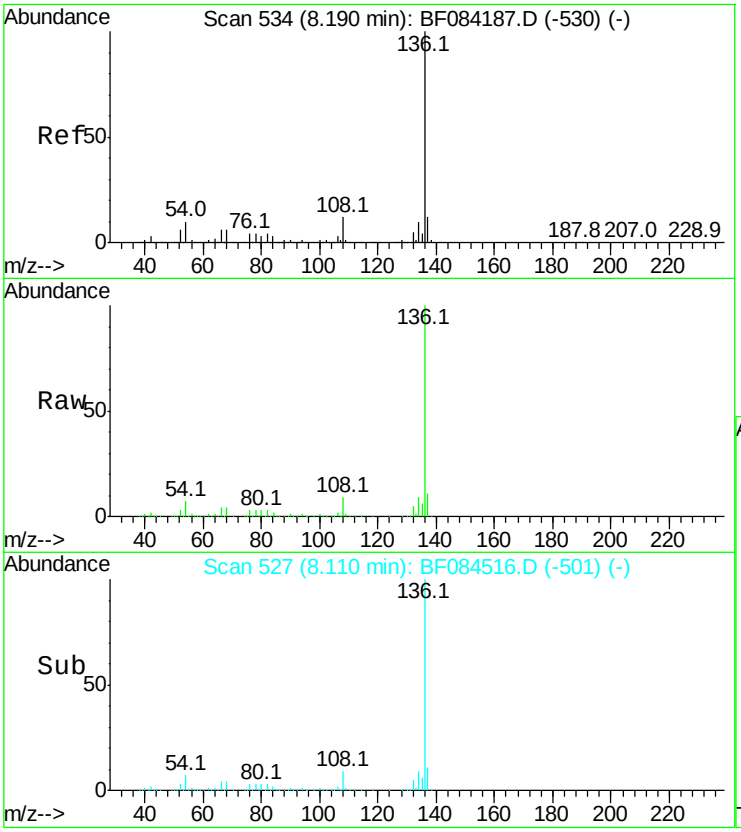


#19
n-Nitroso-di-n-propylamine
Concen: 16.72 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF084516.D
Acq: 16 Jan 2016 3:29

Tgt Ion: 70 Resp: 215809

Ion	Ratio	Lower	Upper
70	100		
42	47.1	33.3	49.9
101	0.0	9.3	13.9#
130	2.3	23.4	35.0#



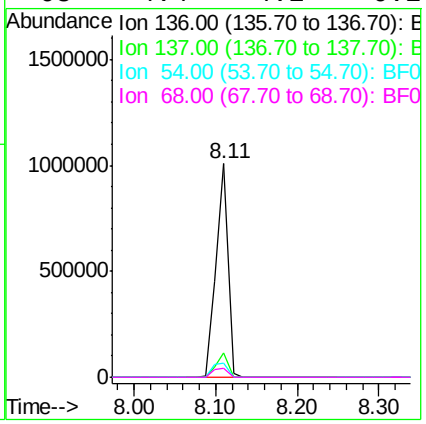


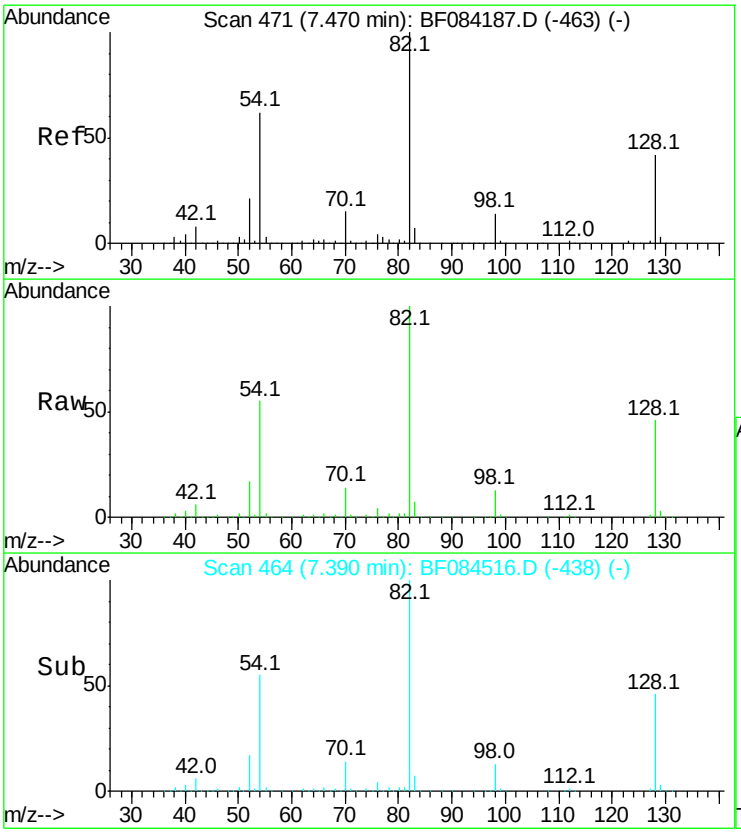
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084516.D
Acq: 16 Jan 2016 3:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1021527

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.6	5.8	8.8
68	4.4	4.2	6.2

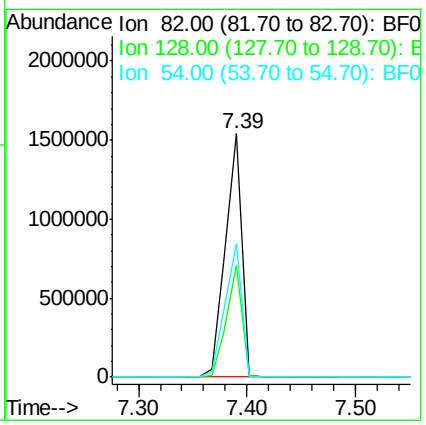


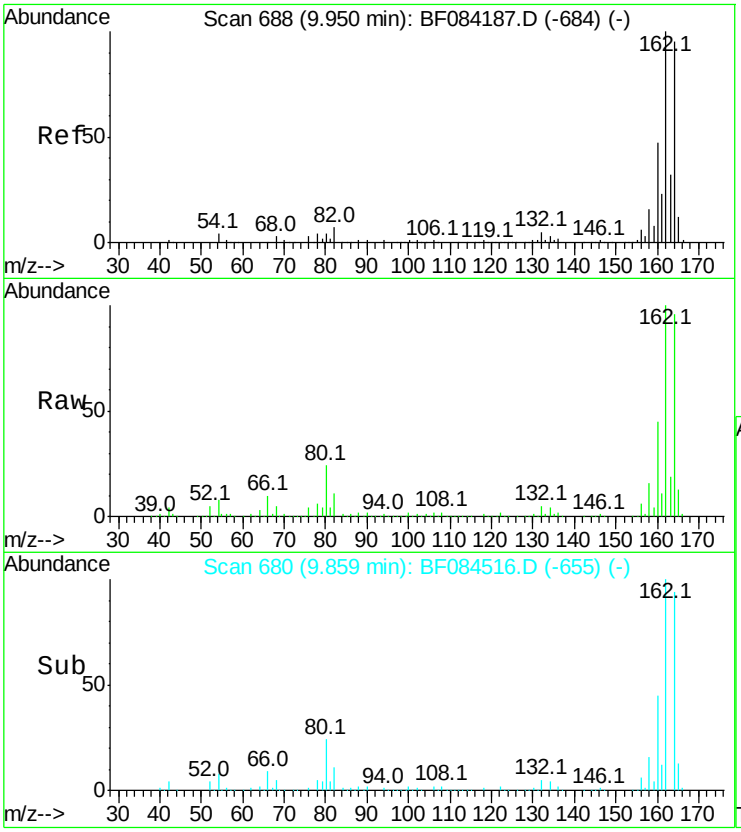


#23
Nitrobenzene-d5
Concen: 87.18 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084516.D
Acq: 16 Jan 2016 3:29

Tgt Ion: 82 Resp: 1600206

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.6	51.8
54	54.7	38.4	57.6



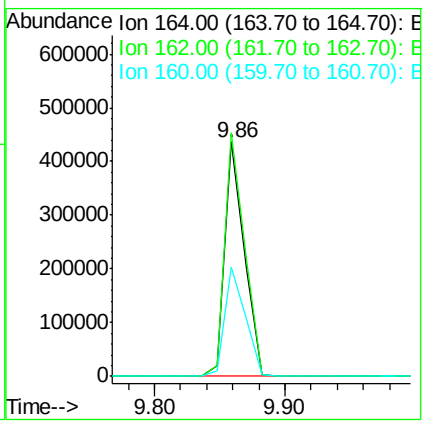


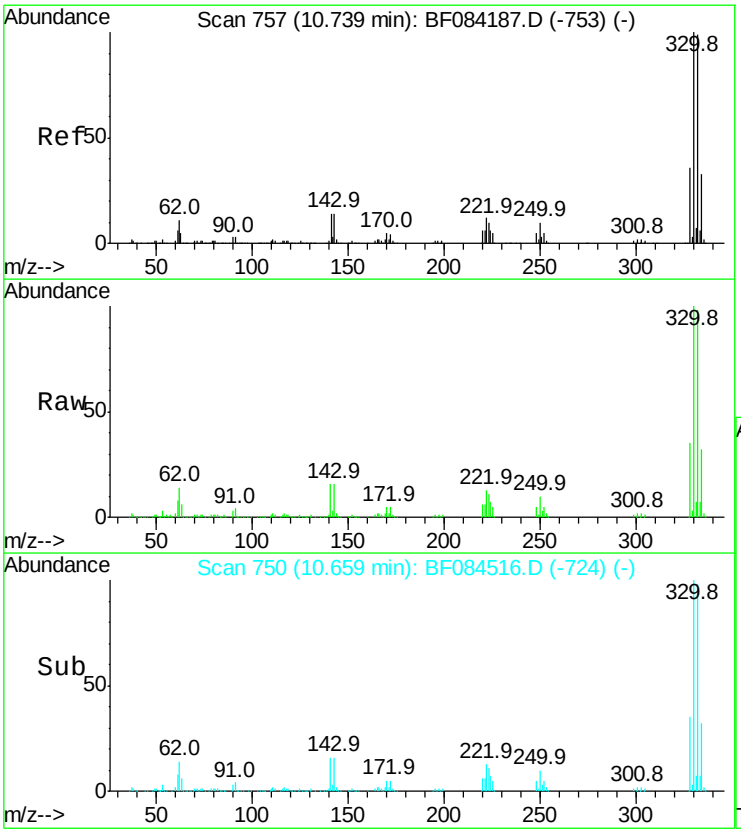
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF084516.D
Acq: 16 Jan 2016 3:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 452062

Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.1	127.7
160	46.6	37.5	56.3

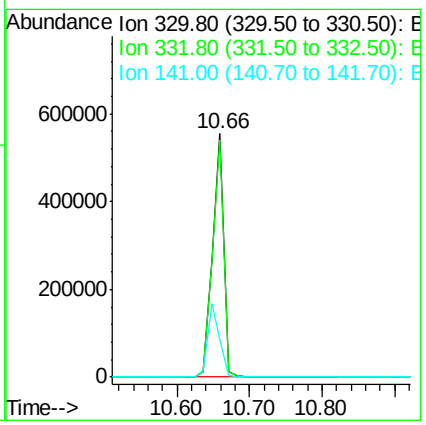


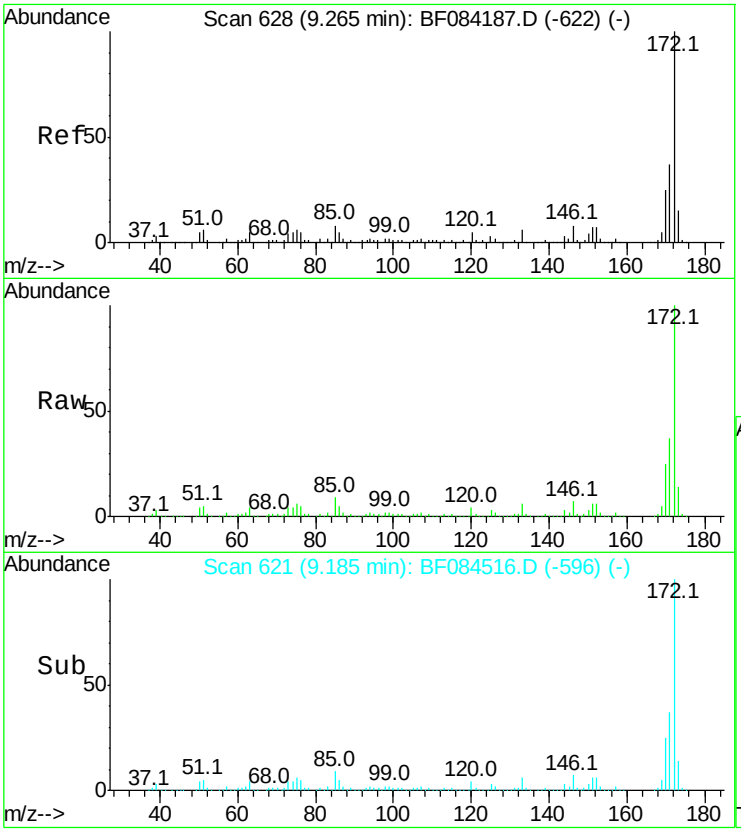


#41
2,4,6-Tribromophenol
Concen: 129.94 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF084516.D
Acq: 16 Jan 2016 3:29

Tgt Ion:330 Resp: 593048

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	114.8
141	32.0	27.8	41.6



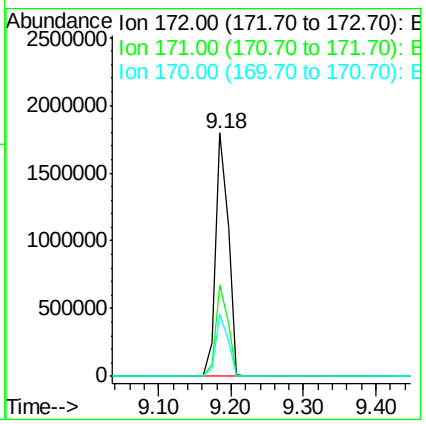


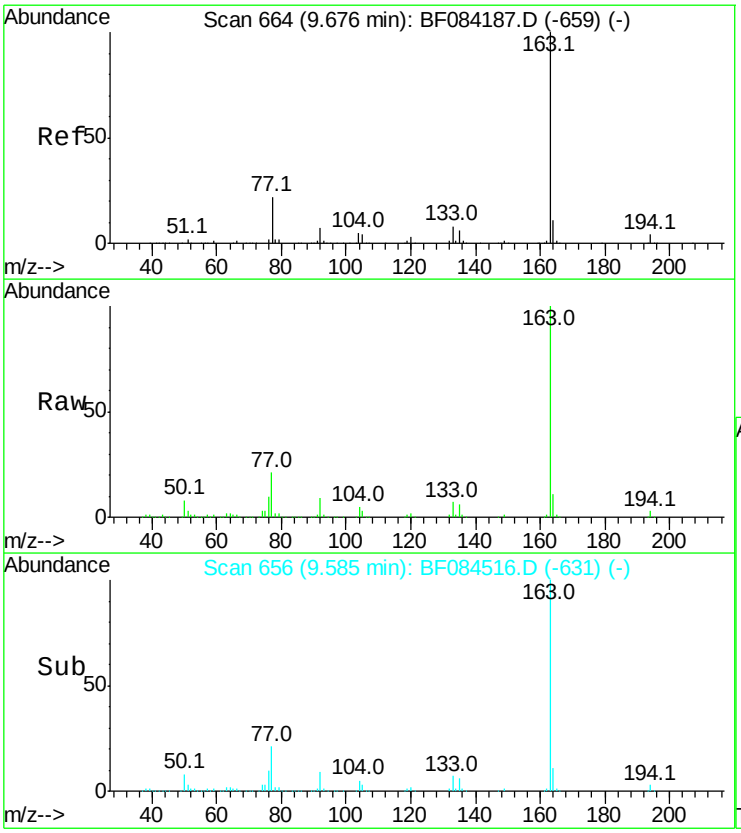
#44
2-Fluorobiphenyl
Concen: 84.89 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF084516.D
Acq: 16 Jan 2016 3:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2181704

Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.9	43.3
170	25.2	18.6	27.8

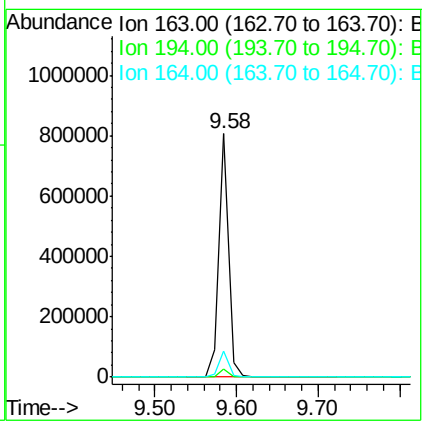


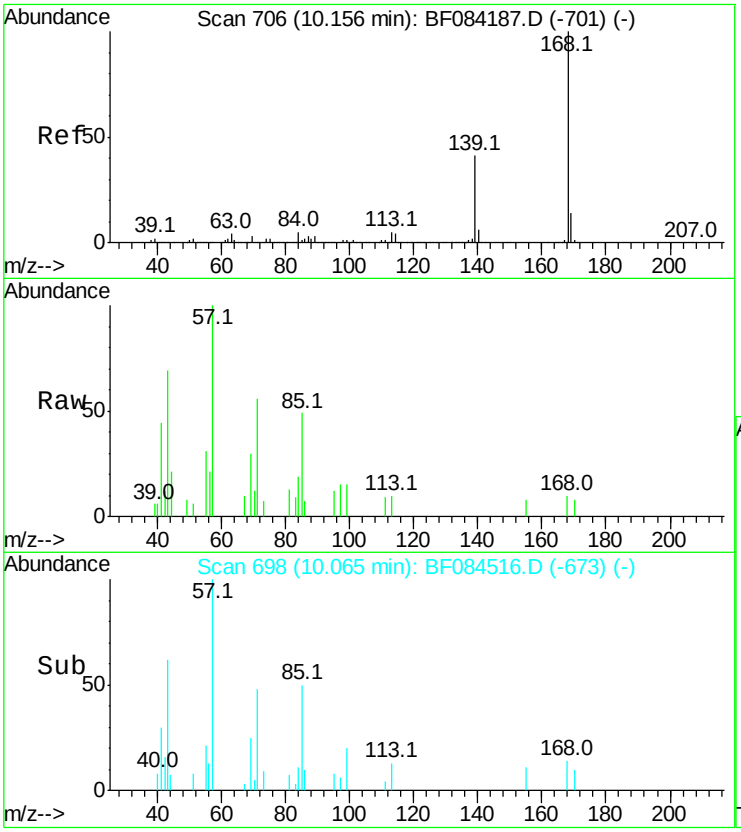


#49
Dimethylphthalate
Concen: 20.30 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084516.D
Acq: 16 Jan 2016 3:29

Tgt Ion:163 Resp: 656198

Ion	Ratio	Lower	Upper
163	100		
194	3.4	8.0	12.0#
164	10.5	8.0	12.0



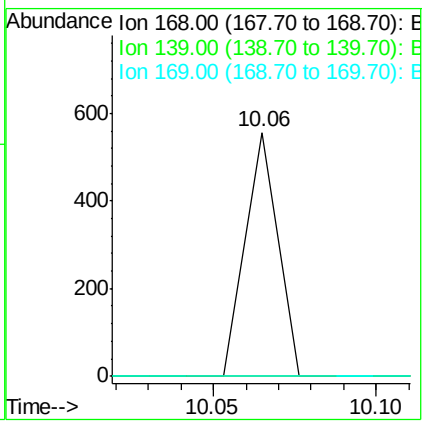


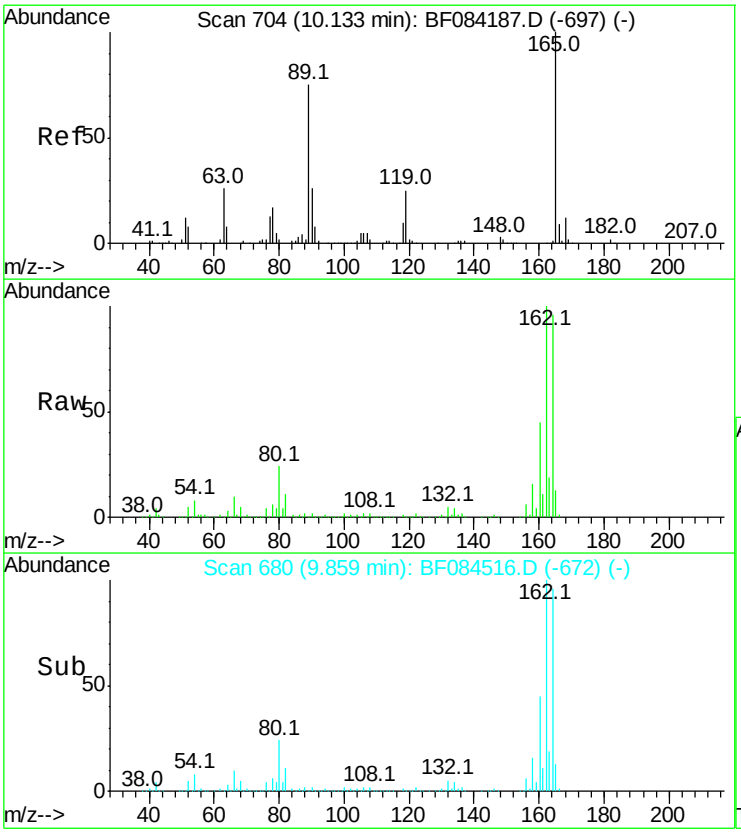
#54
Dibenzofuran
Concen: Below Cal
RT: 10.06 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF084516.D
Acq: 16 Jan 2016 3:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 381

Ion	Ratio	Lower	Upper
168	100		
139	0.0	30.5	45.7#
169	0.0	10.4	15.6#

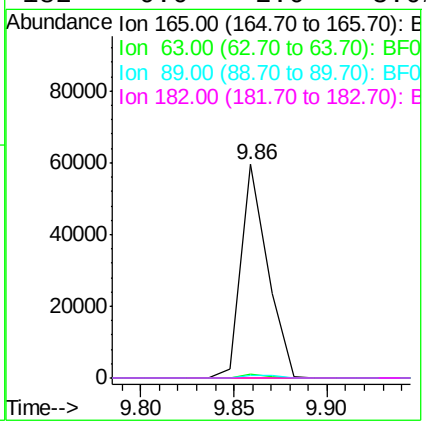


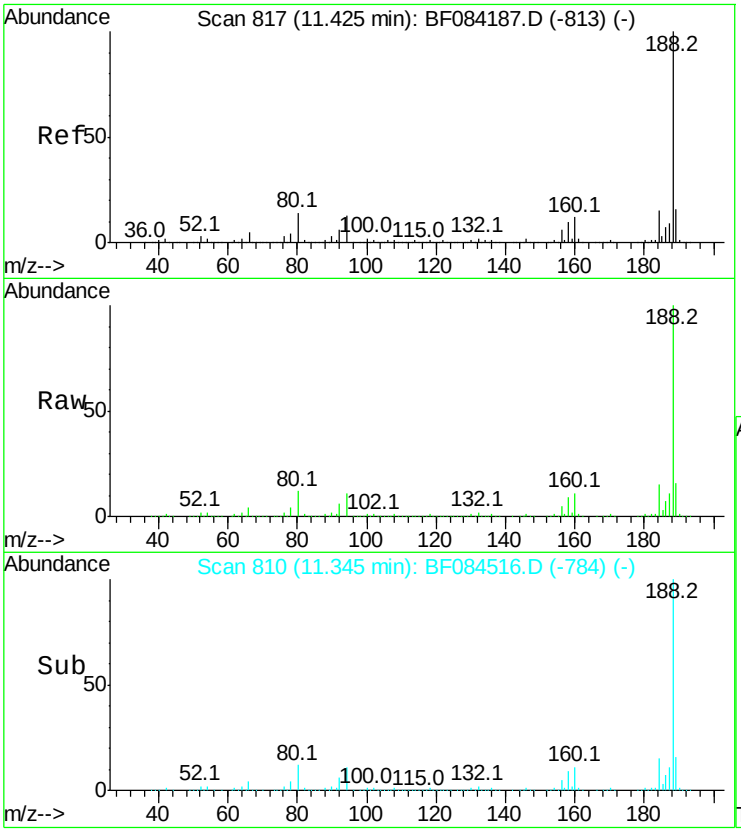


#56
2,4-Dinitrotoluene
Concen: 6.59 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.21 min
Lab File: BF084516.D
Acq: 16 Jan 2016 3:29

Tgt Ion:165 Resp: 59124

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	1.2	61.9	92.9#
182	0.0	2.0	3.0#



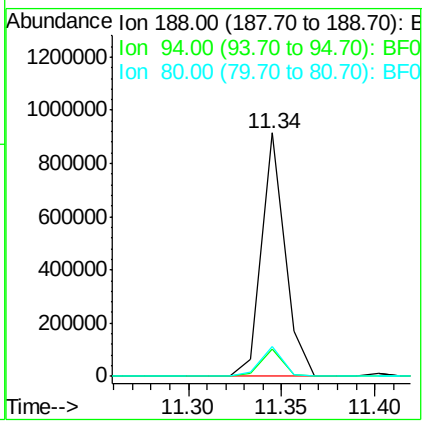


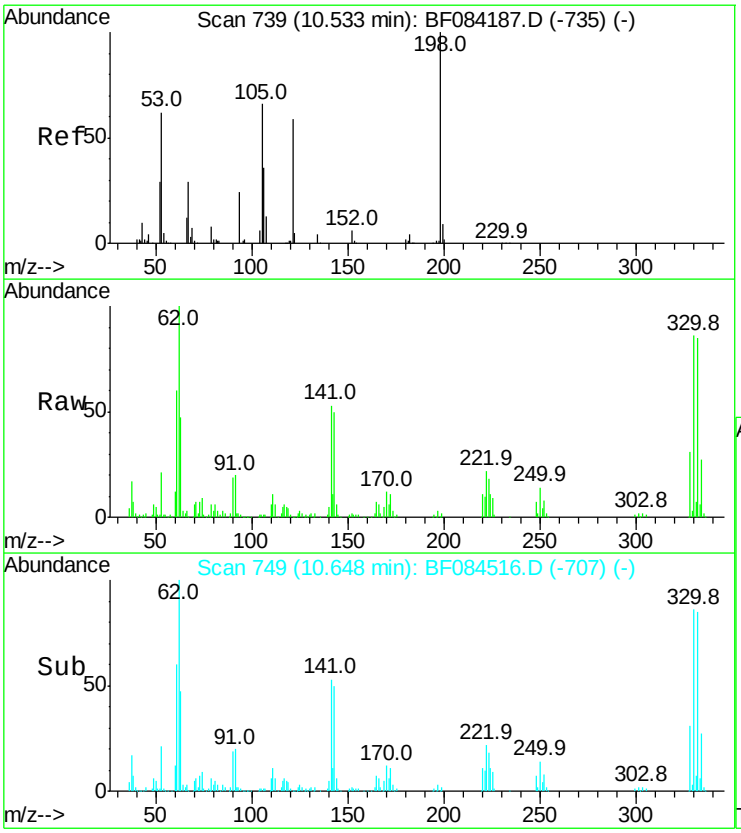
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF084516.D
Acq: 16 Jan 2016 3:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 791644

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.0	13.4
80	12.1	9.6	14.4

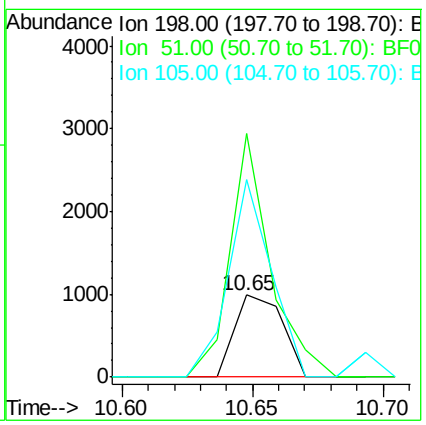


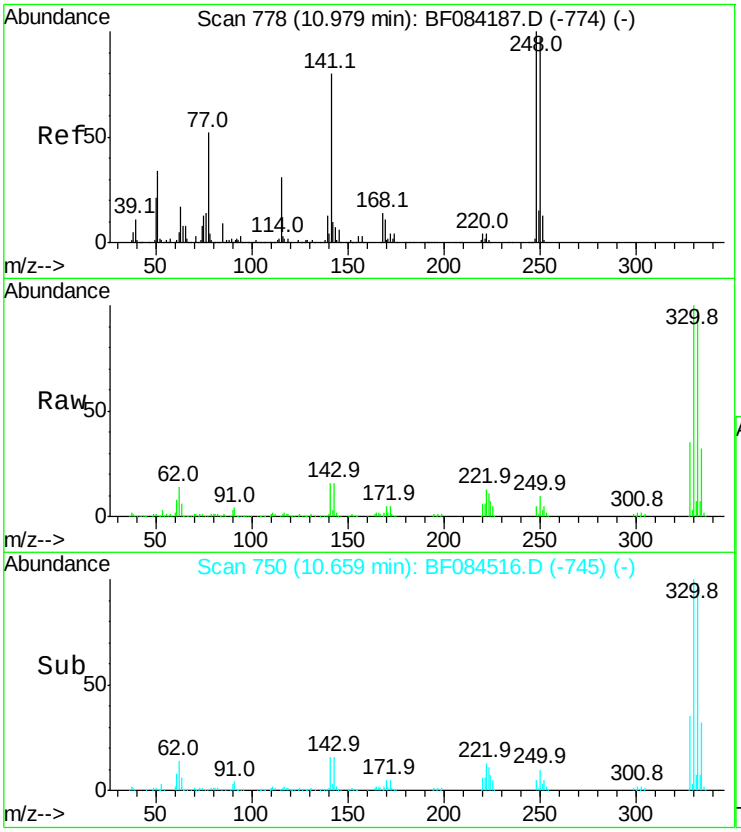


#64
4,6-Dinitro-2-methylphenol
Concen: 6.62 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.18 min
Lab File: BF084516.D
Acq: 16 Jan 2016 3:29

Tgt Ion:198 Resp: 1265

Ion	Ratio	Lower	Upper
198	100		
51	296.7	18.9	58.9#
105	240.3	26.4	66.4#



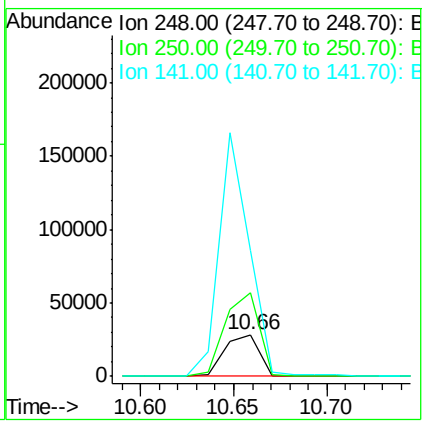


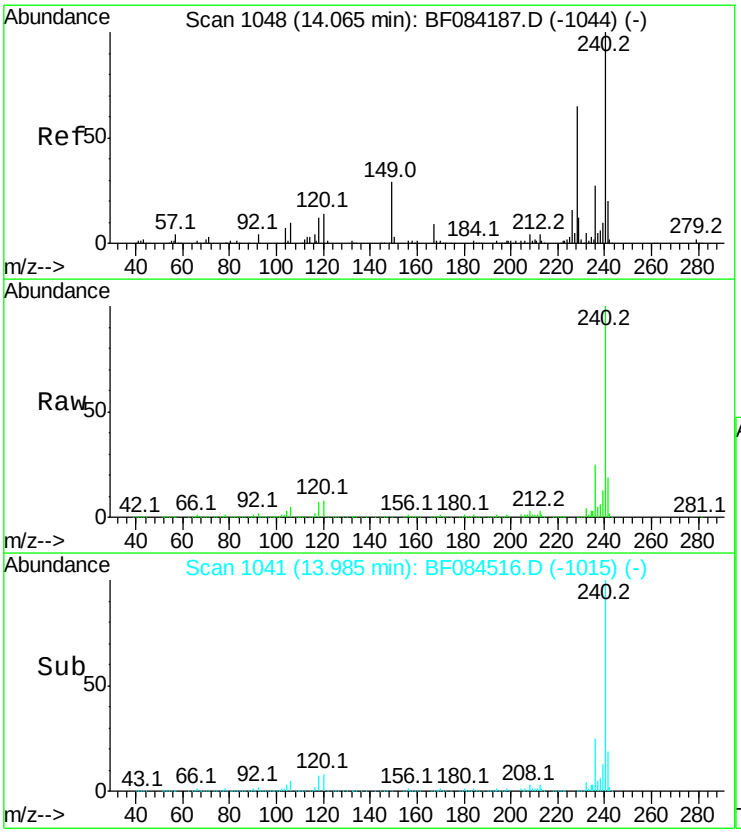
#66
4-Bromophenyl-phenylether
Concen: 4.36 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.24 min
Lab File: BF084516.D
Acq: 16 Jan 2016 3:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 37184

Ion	Ratio	Lower	Upper
248	100		
250	201.0	78.4	117.6#
141	303.2	44.0	66.0#

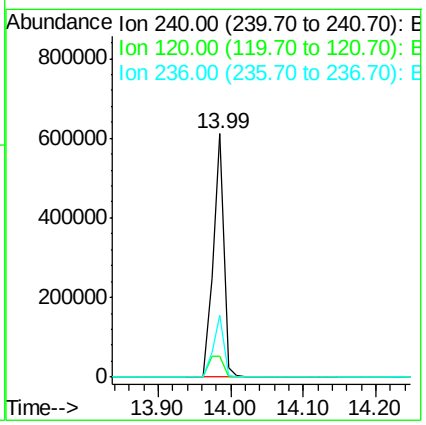


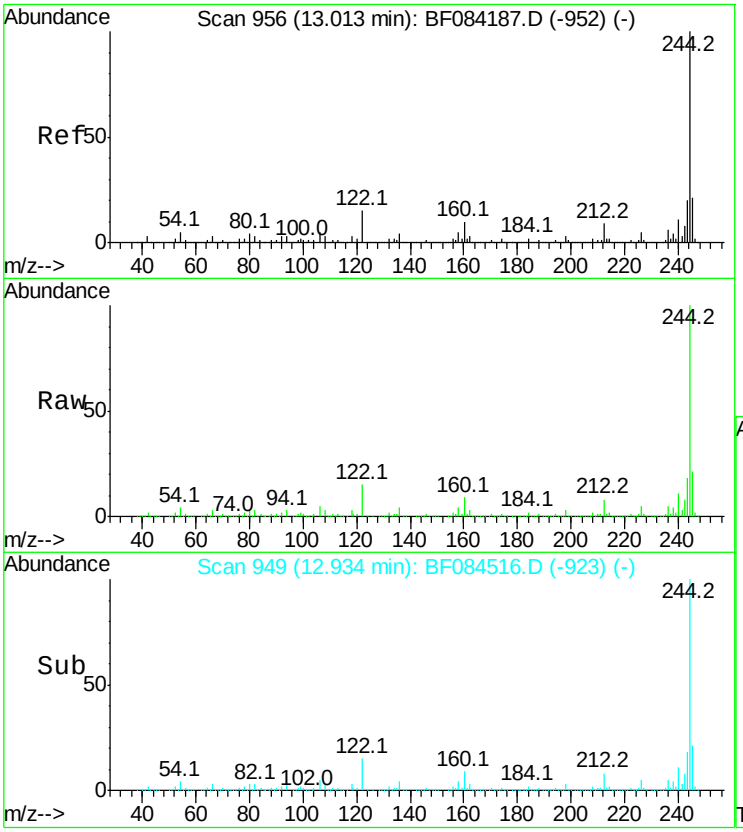


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF084516.D
Acq: 16 Jan 2016 3:29

Tgt Ion:240 Resp: 616018

Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	25.4	20.6	31.0



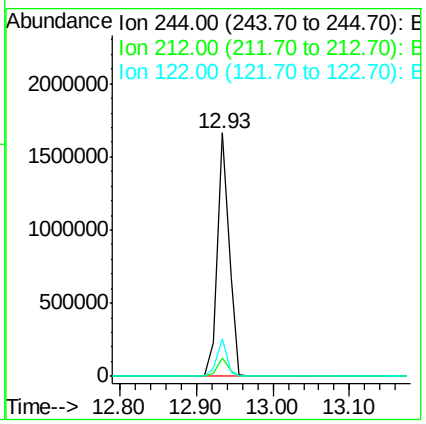


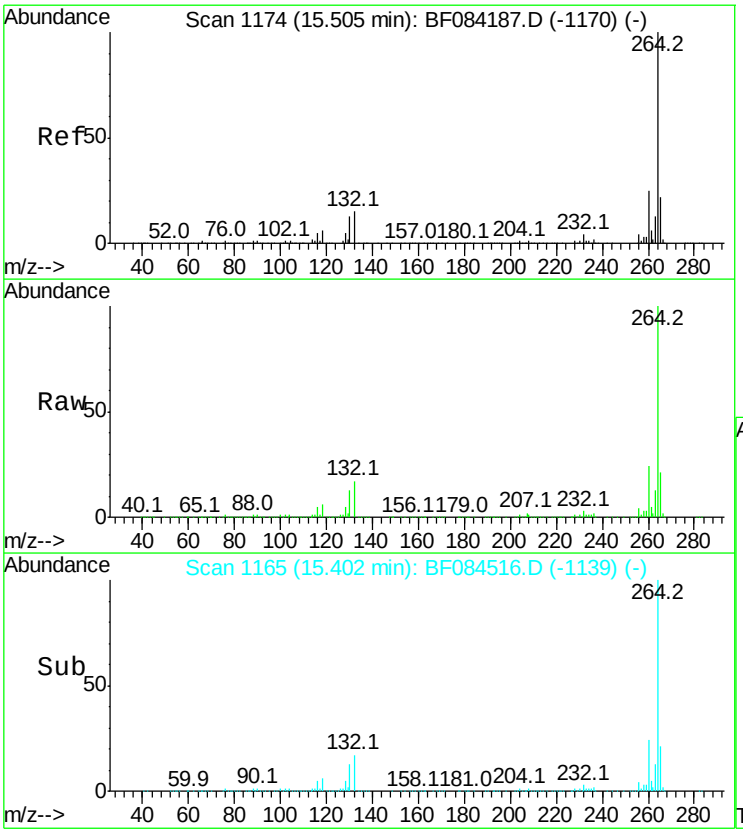
#78
Terphenyl-d14
Concen: 64.36 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF084516.D
Acq: 16 Jan 2016 3:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1776069

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	15.4	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF084516.D
Acq: 16 Jan 2016 3:29

Tgt Ion:264 Resp: 538483

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.4	17.8	26.6