Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083972.D
Acq On : 19 Dec 2015 23:26
Operator : UM/SJ
Sample : G4823-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9879-B

Quant Time: Dec 21 01:02:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	82816	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	338198	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	150554	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	287785	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	191155	20.00	ng	-0.03
86) Perylene-d12	15.44	264	153503	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	611914	115.63	ng	0.00
7) Phenol-d6	6.50	99	693352	107.04	ng	-0.01
23) Nitrobenzene-d5	7.41	82	476909	80.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	239602	144.46	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	937193	87.88	ng	-0.03
78) Terphenyl-d14	12.96	244	954322	119.25	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	66695	17.66	ng	# 76
25) Isophorone	7.41	82	375117	33.64	ng	# 66
31) Naphthalene	8.16	128	28723	Below Cal		98
45) 1,1'-Biphenyl	9.21	154	2029	Below Cal		# 1
50) 2,6-Dinitrotoluene	9.88	165	19298	7.00	ng	# 37
56) 2,4-Dinitrotoluene	9.88	165	19299	5.46	ng	# 21
57) Fluorene	10.43	166	476	Below Cal		# 86
64) 4,6-Dinitro-2-methylphenol	10.67	198	347	4.11	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	14787	4.20	ng	# 1
77) Pyrene	12.81	202	359	Below Cal		# 57

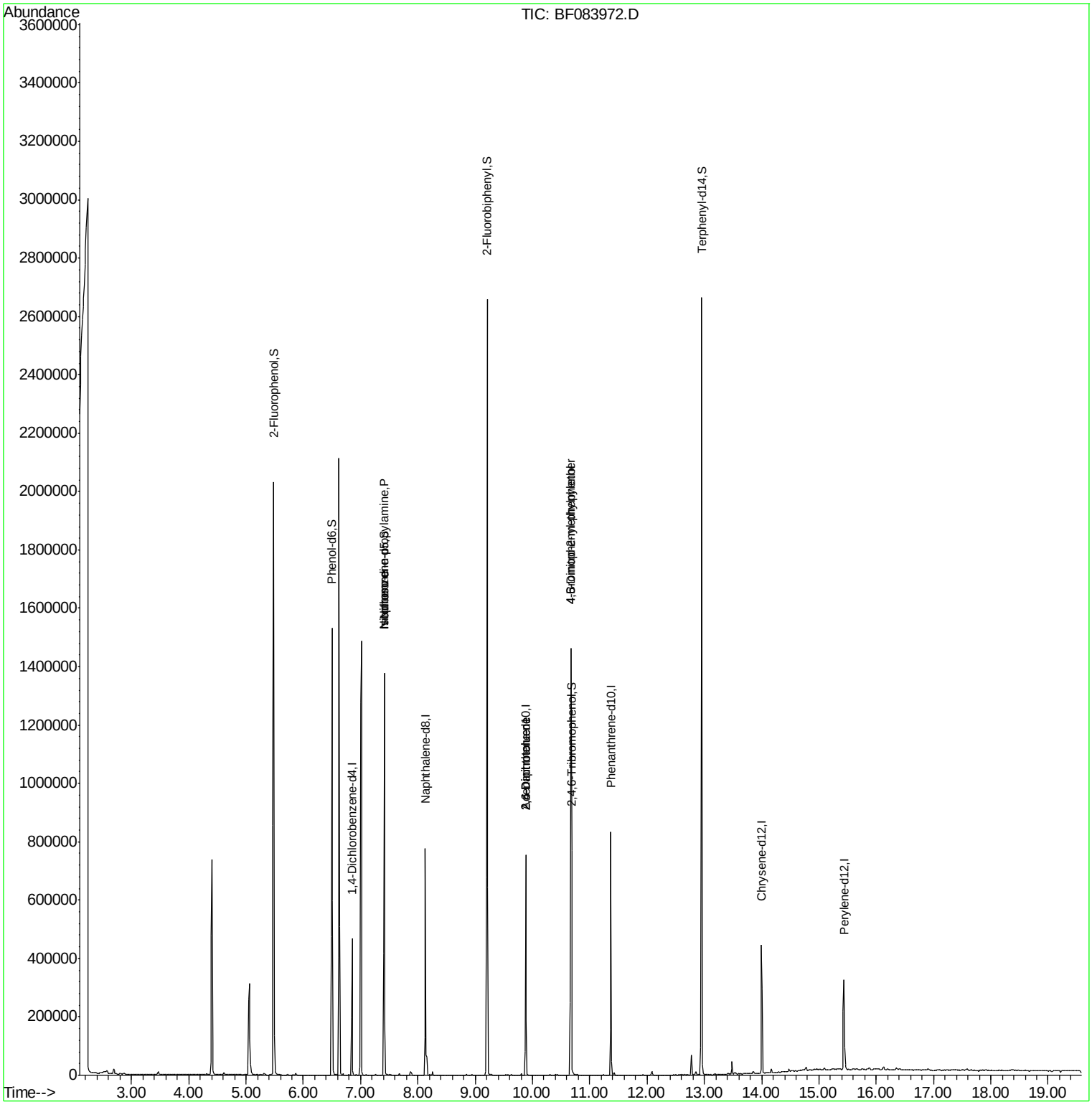
(#) = qualifier out of range (m) = manual integration (+) = signals summed

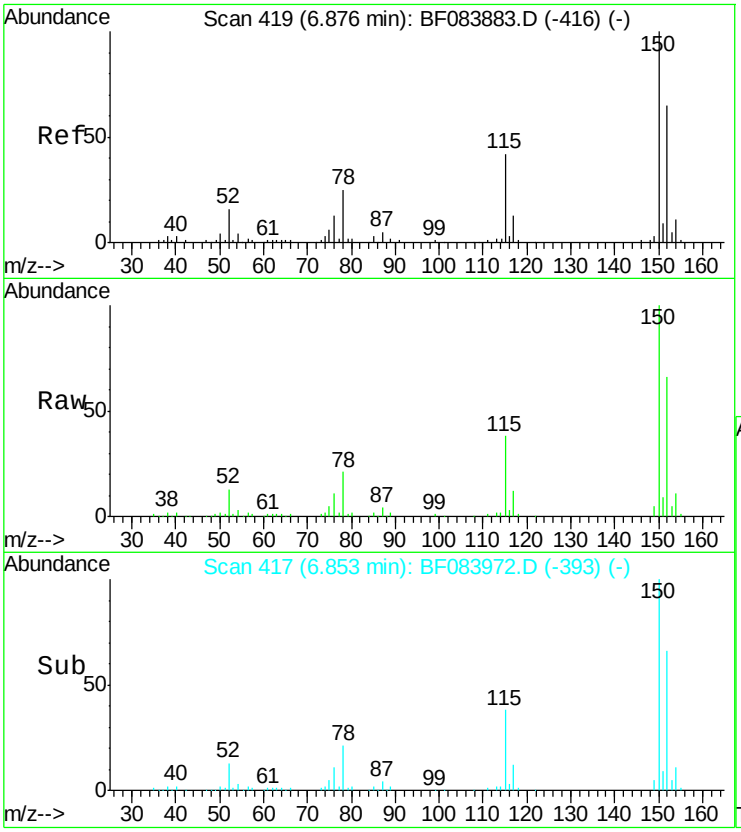
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083972.D
Acq On : 19 Dec 2015 23:26
Operator : UM/SJ
Sample : G4823-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAR-9879-B

Quant Time: Dec 21 01:02:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration



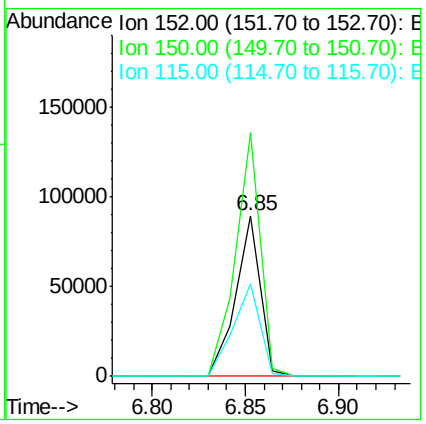


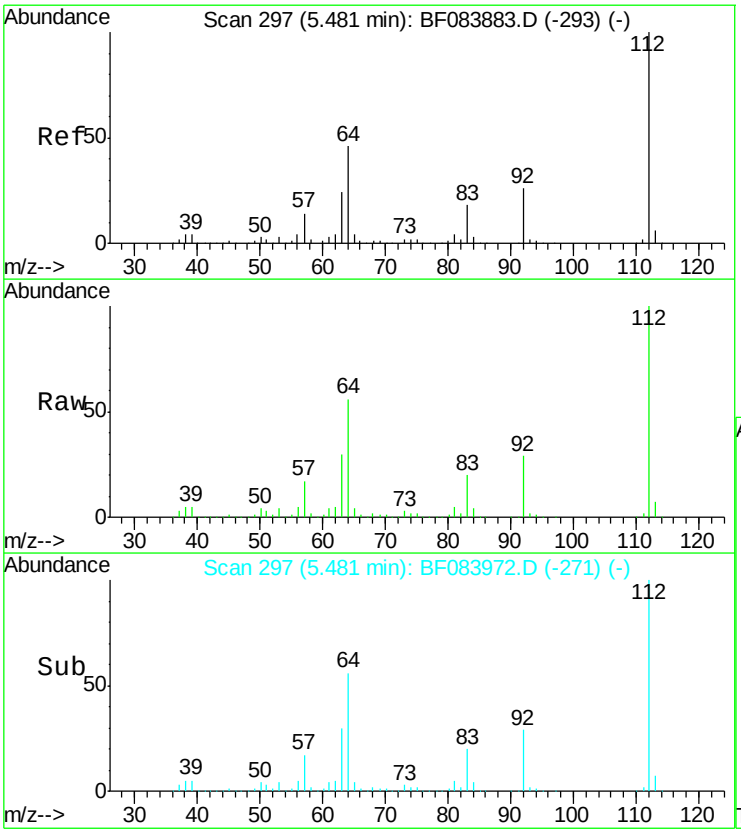
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Instrument :
BNA_F
ClientSampleId :
LAR-9879-B

Tgt Ion:152 Resp: 82816

Ion	Ratio	Lower	Upper
152	100		
150	151.8	123.0	184.4
115	57.4	51.4	77.2

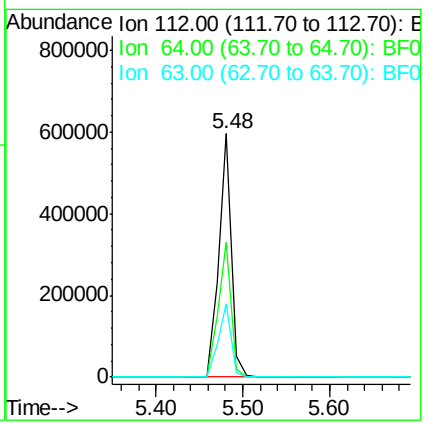


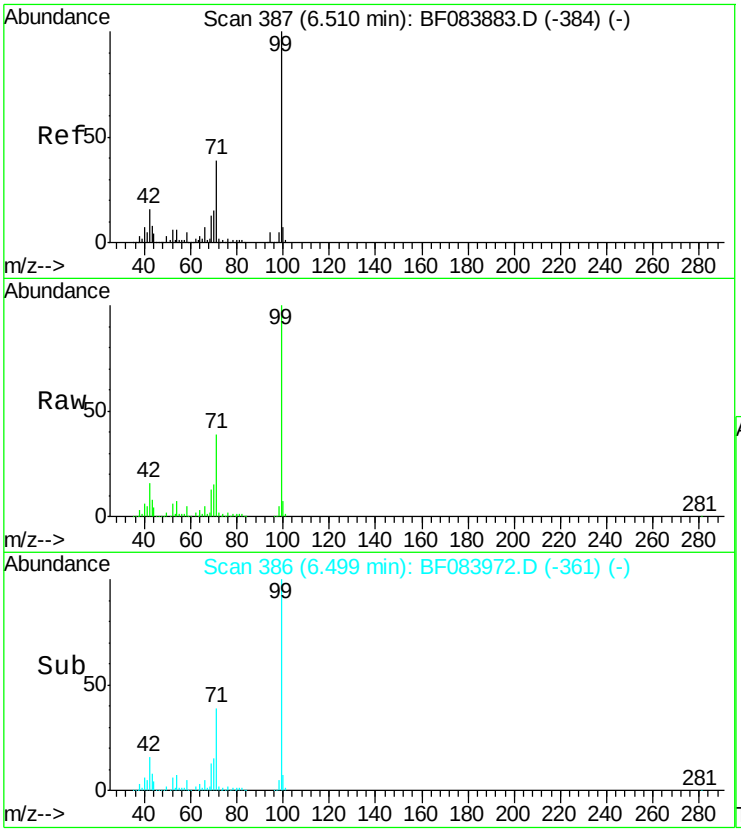


#5
2-Fluorophenol
Concen: 115.63 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.00 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Tgt Ion:112 Resp: 611914

Ion	Ratio	Lower	Upper
112	100		
64	55.6	36.6	55.0#
63	30.1	19.4	29.0#



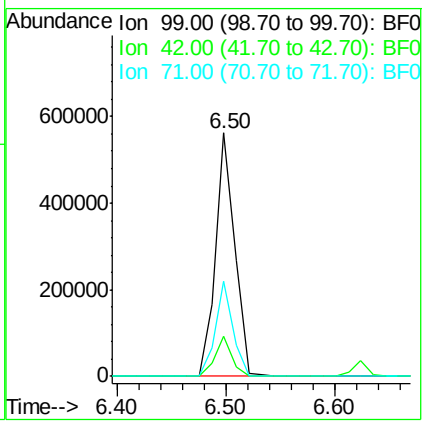


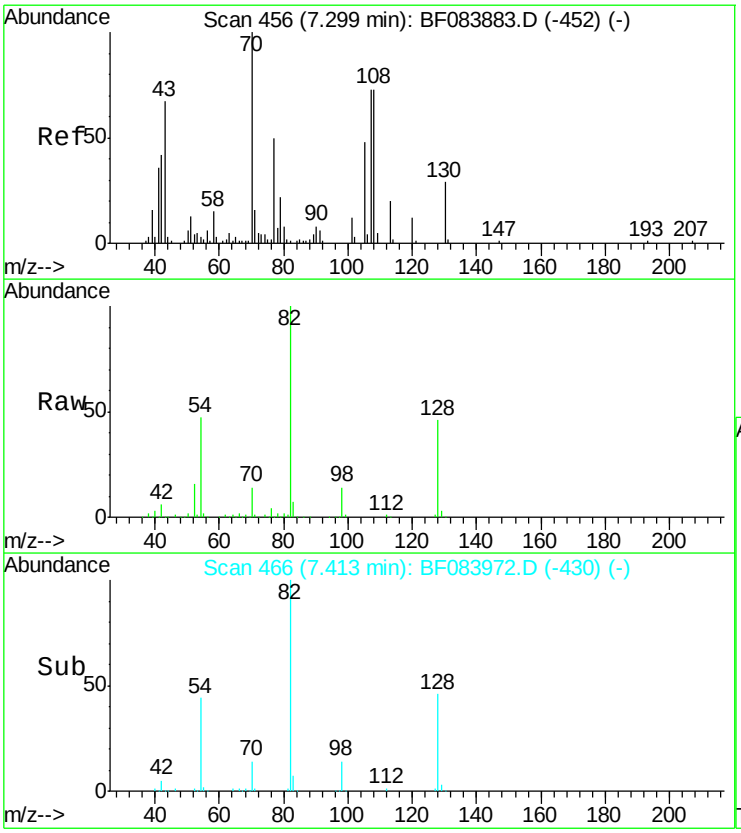
#7
Phenol-d6
Concen: 107.04 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Instrument :
BNA_F
ClientSampleId :
LAR-9879-B

Tgt Ion: 99 Resp: 693352

Ion	Ratio	Lower	Upper
99	100		
42	16.5	12.8	19.2
71	38.9	30.9	46.3

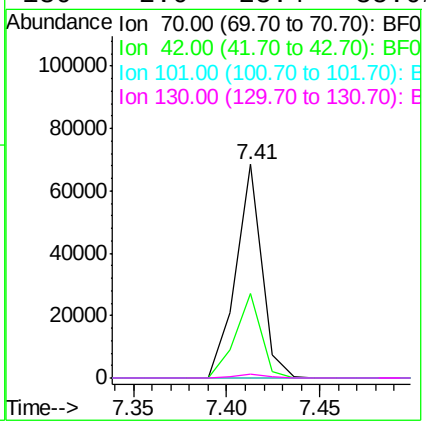


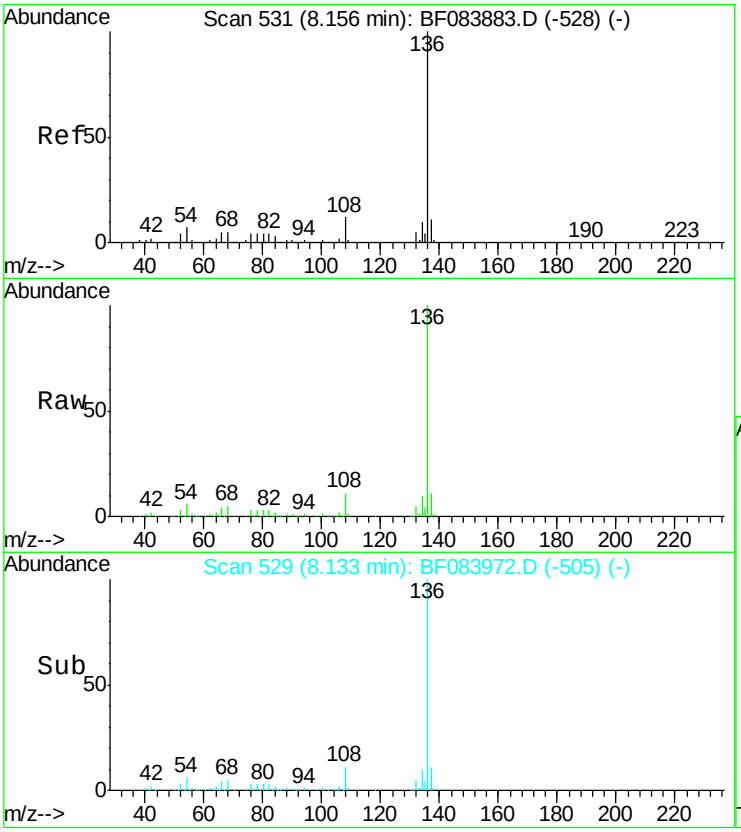


#19
n-Nitroso-di-n-propylamine
Concen: 17.66 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.11 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Tgt Ion: 70 Resp: 66695

Ion	Ratio	Lower	Upper
70	100		
42	39.6	33.3	49.9
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#



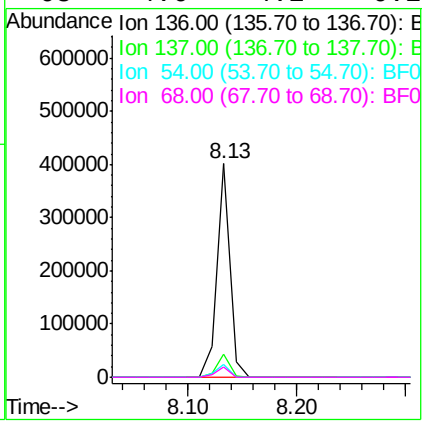


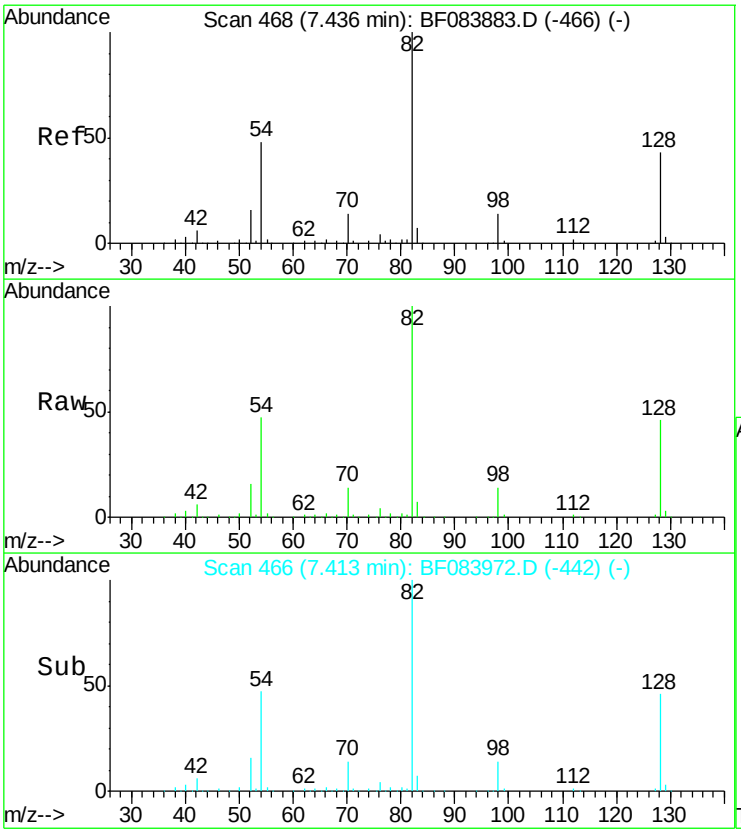
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Instrument :
BNA_F
ClientSampleId :
LAR-9879-B

Tgt Ion:136 Resp: 338198

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	5.9	5.8	8.8
68	4.6	4.2	6.2

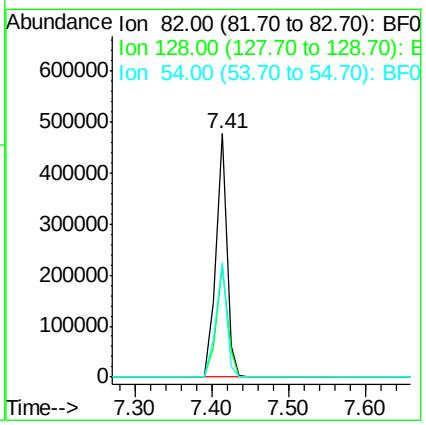


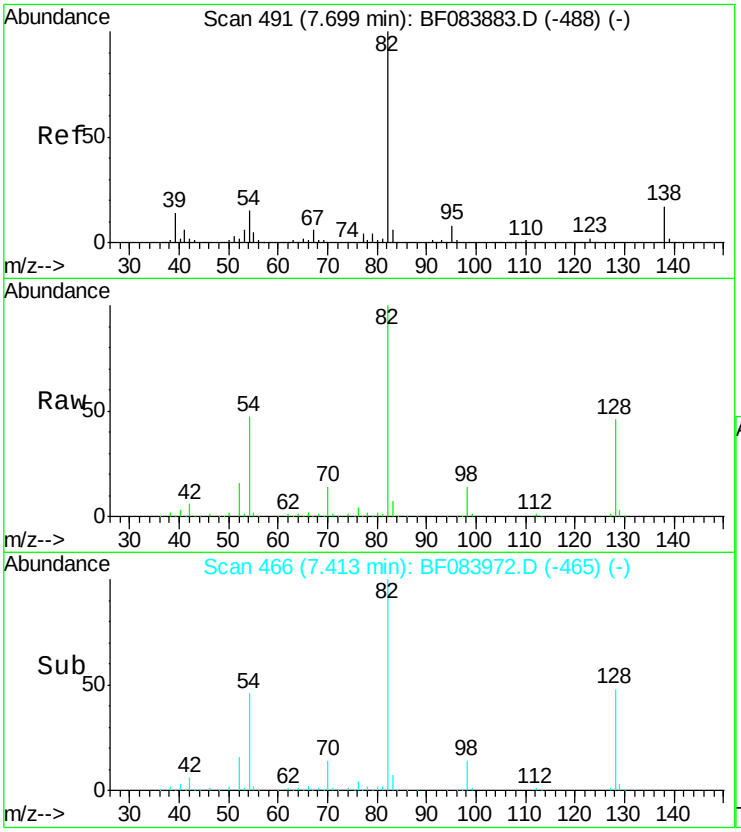


#23
Nitrobenzene-d5
Concen: 80.48 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.02 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Tgt Ion: 82 Resp: 476909

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.6	51.8
54	47.1	38.4	57.6



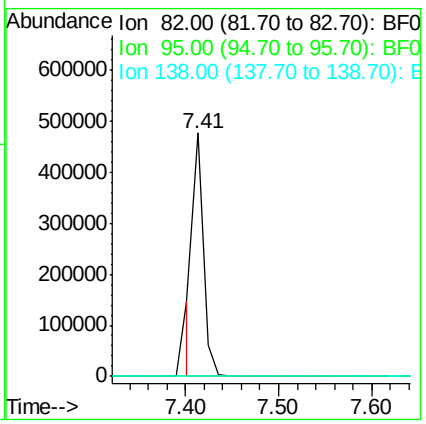


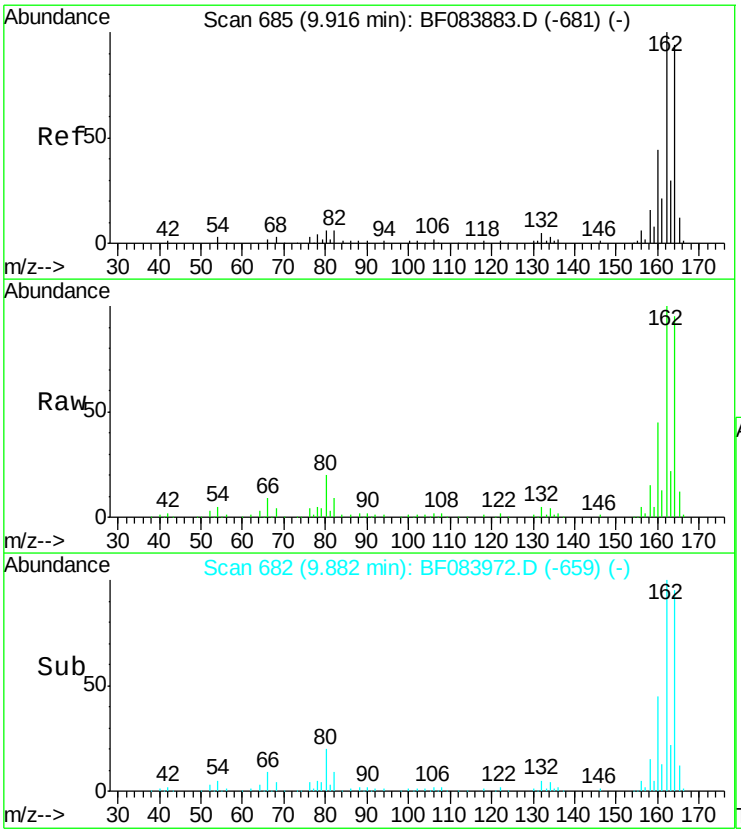
#25
Isophorone
Concen: 33.64 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.29 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Instrument :
BNA_F
ClientSampleId :
LAR-9879-B

Tgt Ion: 82 Resp: 375117

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#

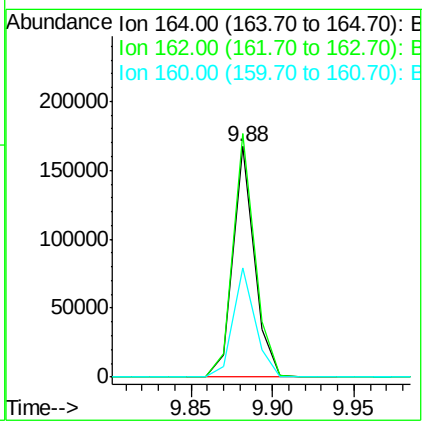


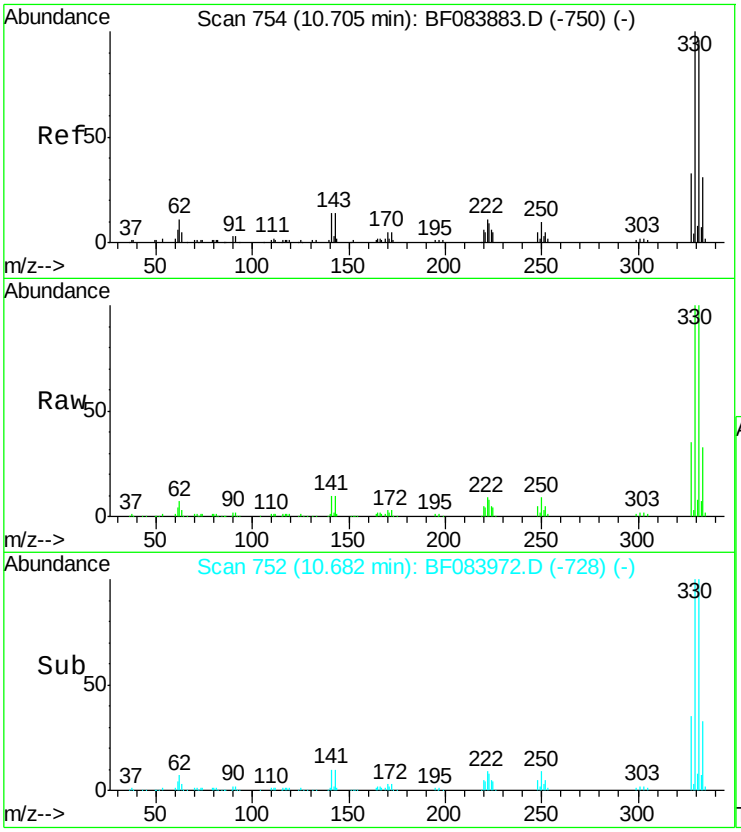


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Tgt Ion:164 Resp: 150554

Ion	Ratio	Lower	Upper
164	100		
162	105.6	85.1	127.7
160	47.3	37.5	56.3



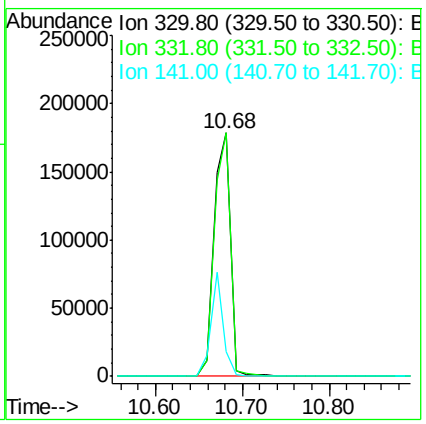


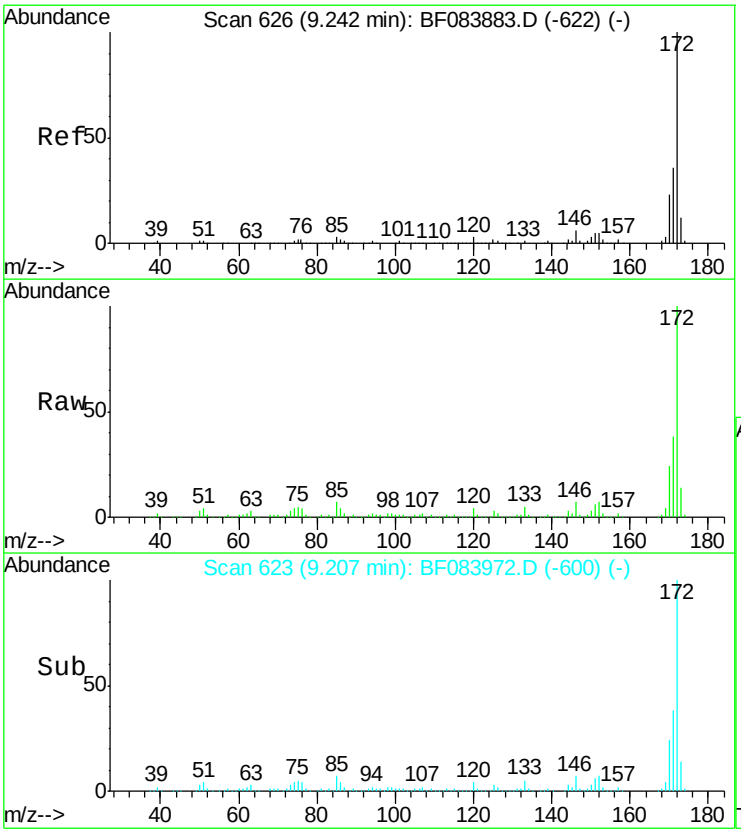
#41
2,4,6-Tribromophenol
Concen: 144.46 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Instrument :
BNA_F
ClientSampleId :
LAR-9879-B

Tgt Ion:330 Resp: 239602

Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.6	114.8
141	32.2	27.8	41.6

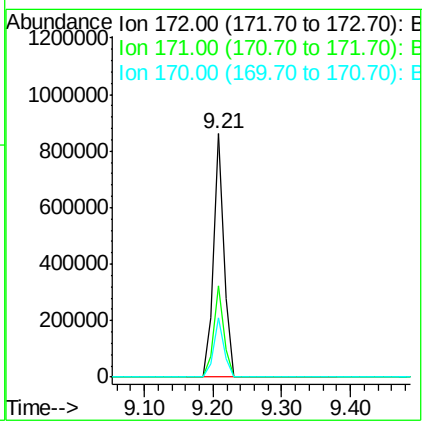


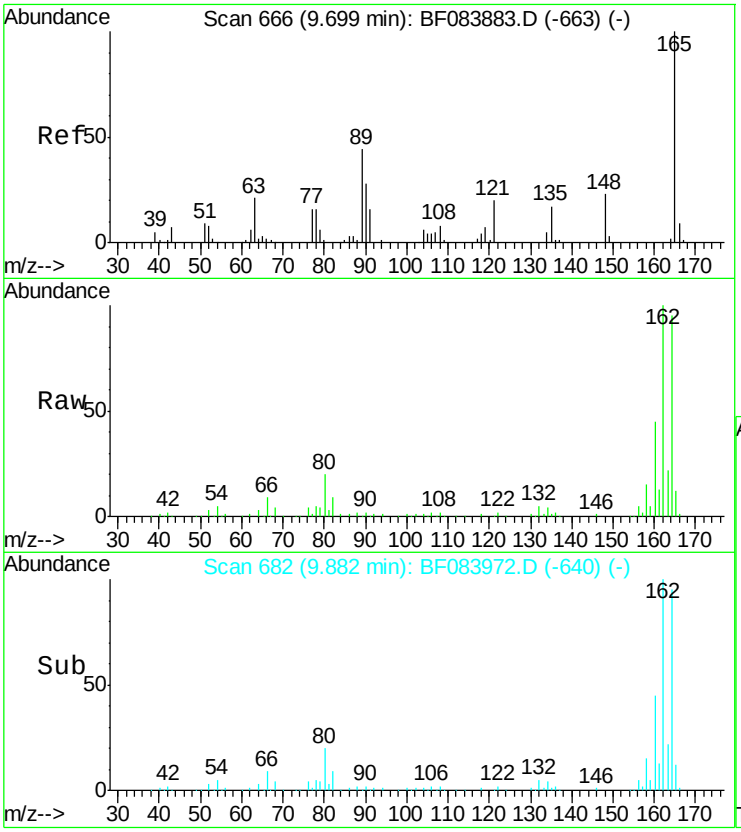


#44
2-Fluorobiphenyl
Concen: 87.88 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.03 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Tgt Ion:172 Resp: 937193

Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.9	43.3
170	24.2	18.6	27.8



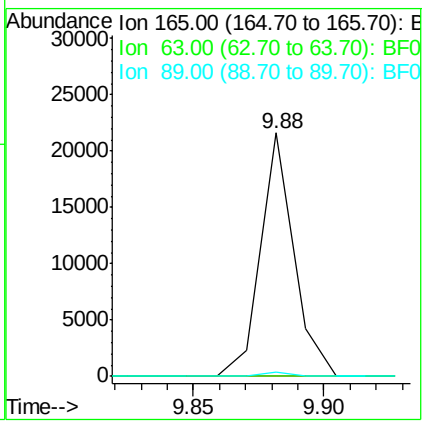


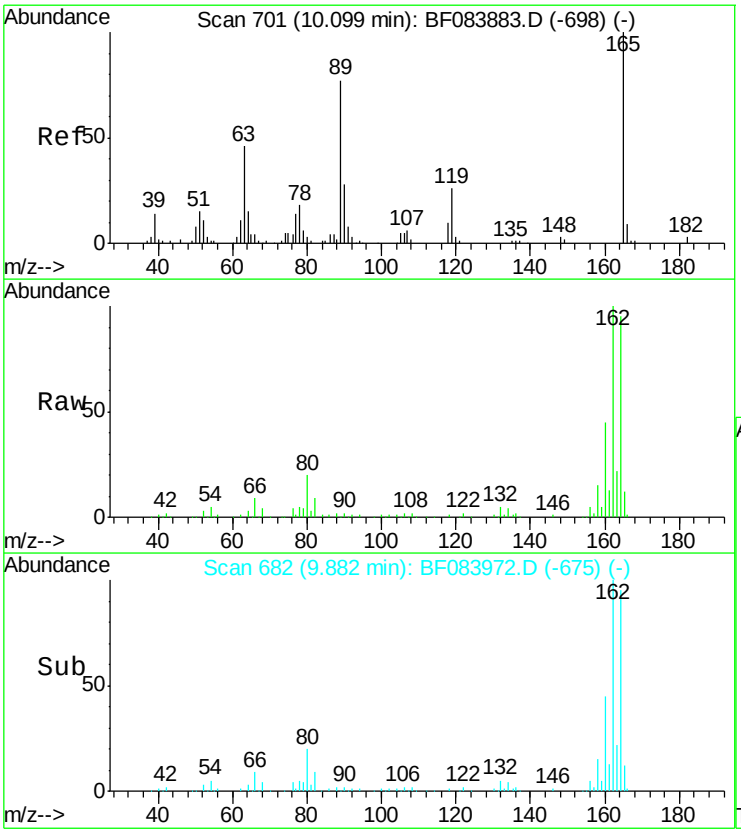
#50
2,6-Dinitrotoluene
Concen: 7.00 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.18 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Instrument :
BNA_F
ClientSampleId :
LAR-9879-B

Tgt Ion:165 Resp: 19298

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	2.0	35.1	52.7#

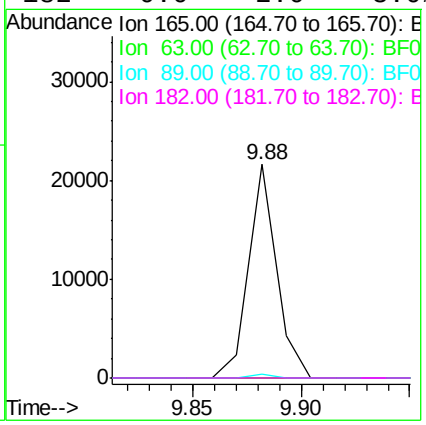


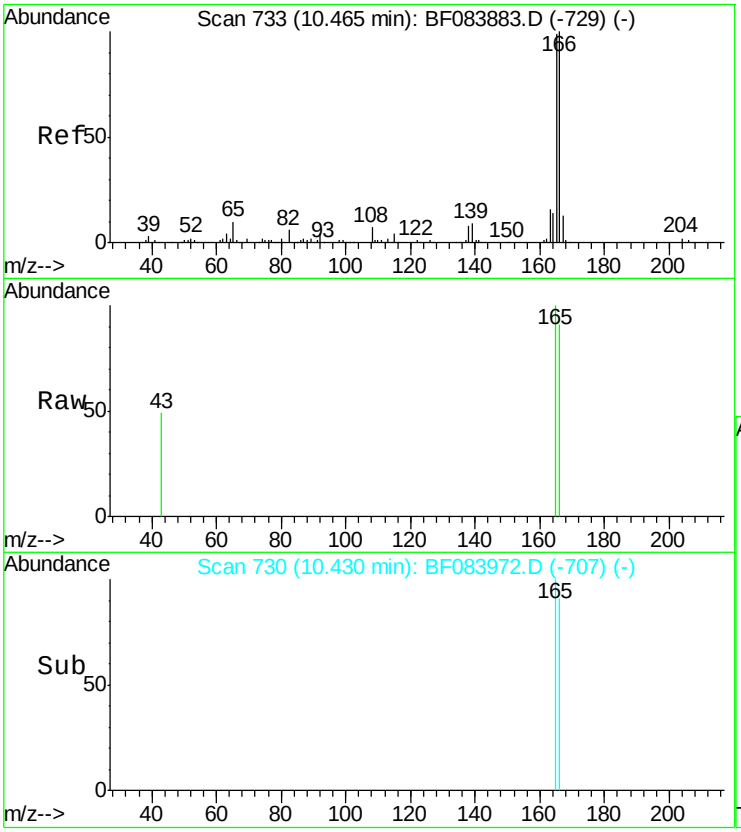


#56
2,4-Dinitrotoluene
Concen: 5.46 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.22 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Tgt Ion:165 Resp: 19299

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



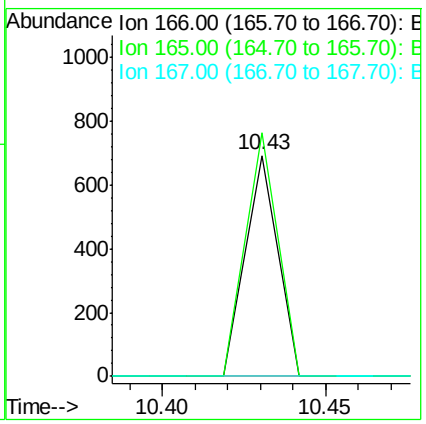


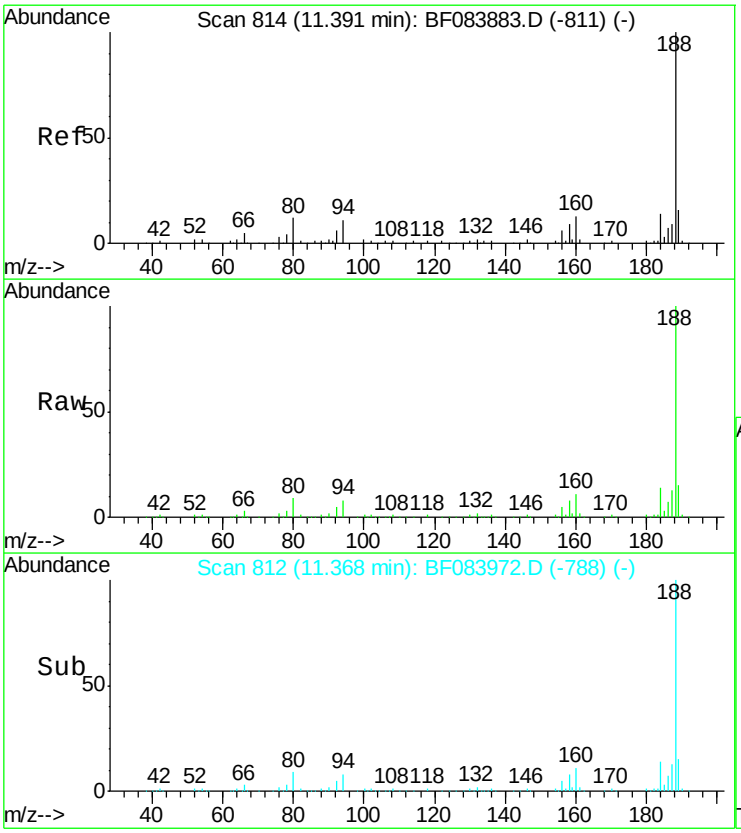
#57
Fluorene
Concen: Below Cal
RT: 10.43 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Instrument :
BNA_F
ClientSampleId :
LAR-9879-B

Tgt Ion:166 Resp: 476

Ion	Ratio	Lower	Upper
166	100		
165	110.1	79.1	118.7
167	0.0	10.4	15.6#

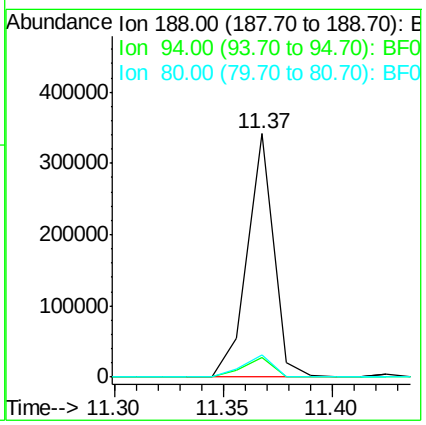


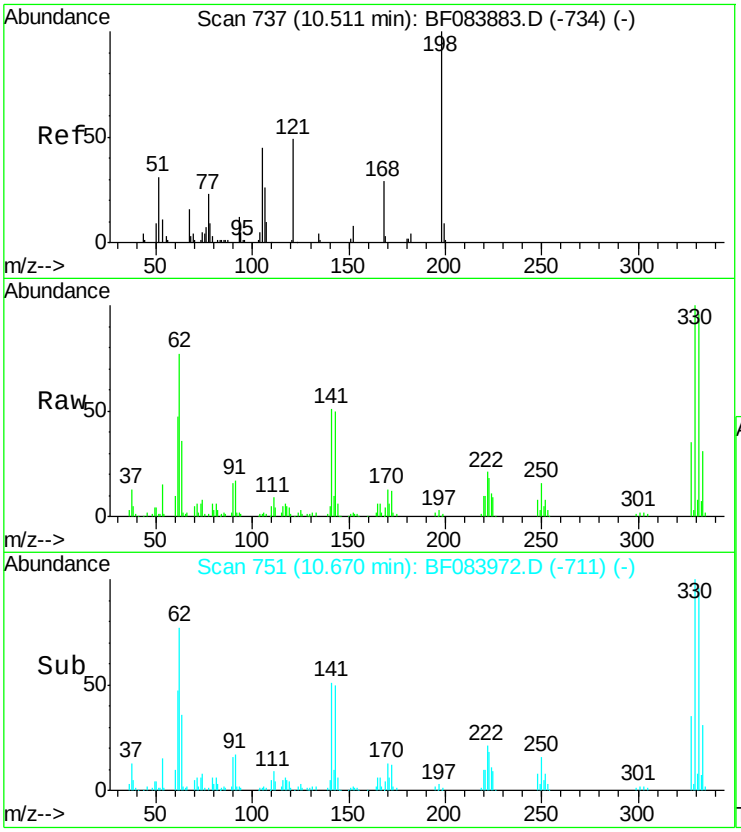


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Tgt Ion:188 Resp: 287785

Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.0	13.4#
80	8.9	9.6	14.4#



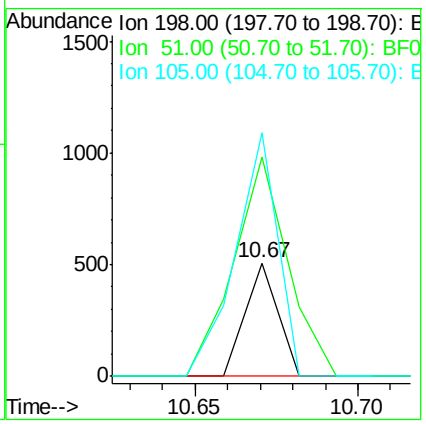


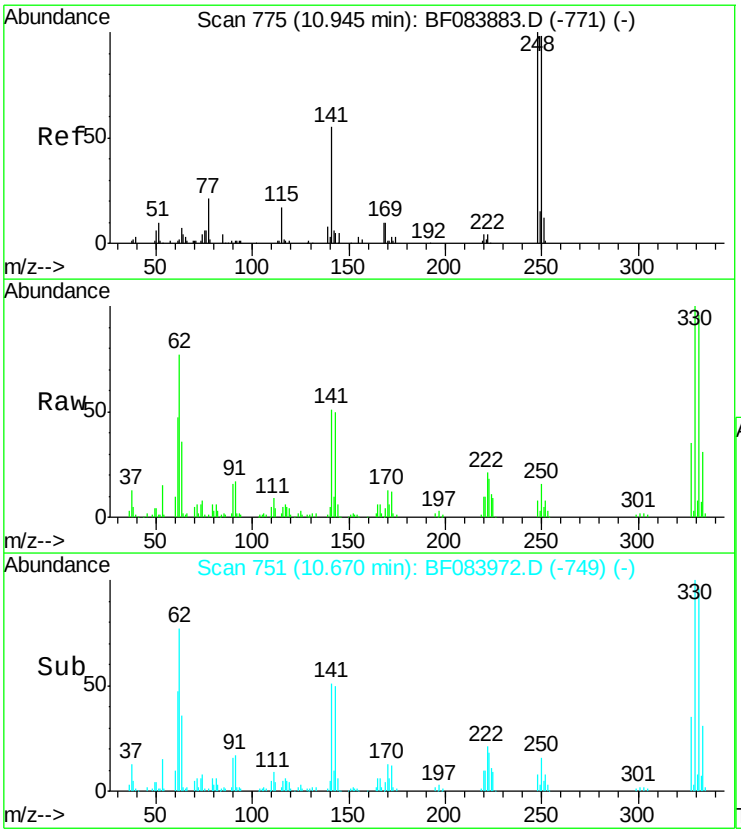
#64
4,6-Dinitro-2-methylphenol
Concen: 4.11 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.16 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Instrument :
BNA_F
ClientSampleId :
LAR-9879-B

Tgt Ion:198 Resp: 347

Ion	Ratio	Lower	Upper
198	100		
51	194.5	18.9	58.9#
105	215.4	26.4	66.4#

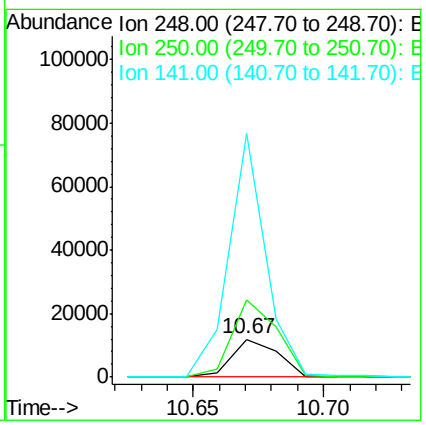


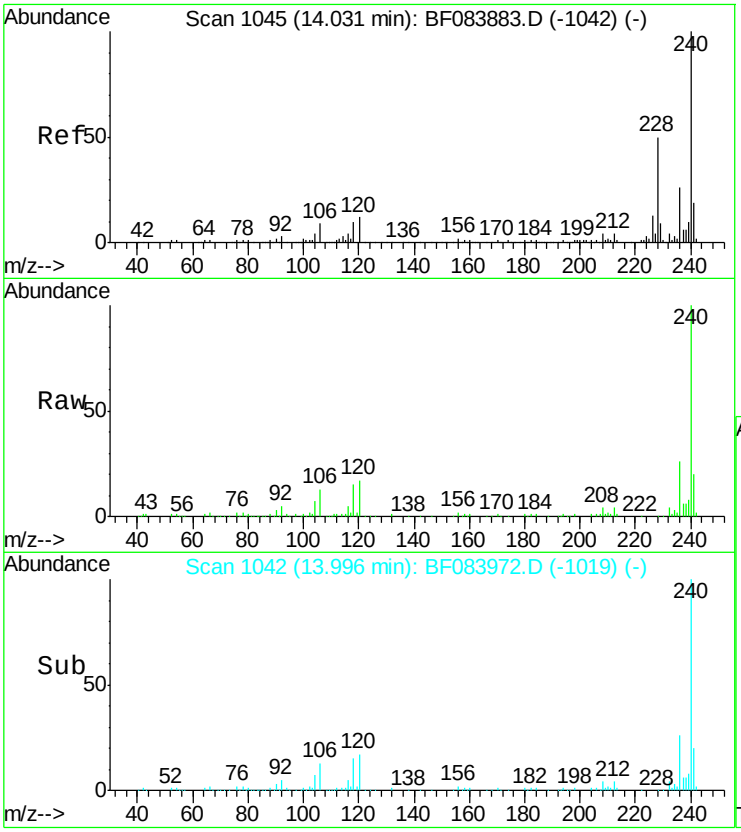


#66
4-Bromophenyl-phenylether
Concen: 4.20 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Tgt Ion:248 Resp: 14787

Ion	Ratio	Lower	Upper
248	100		
250	201.8	78.4	117.6#
141	639.8	44.0	66.0#



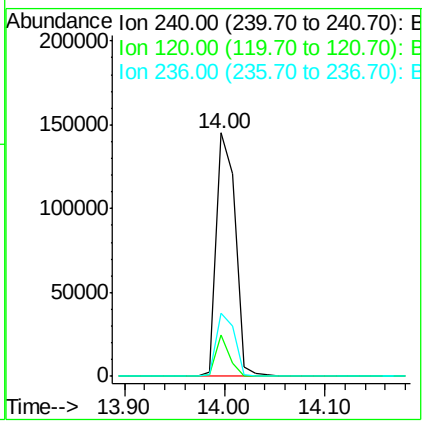


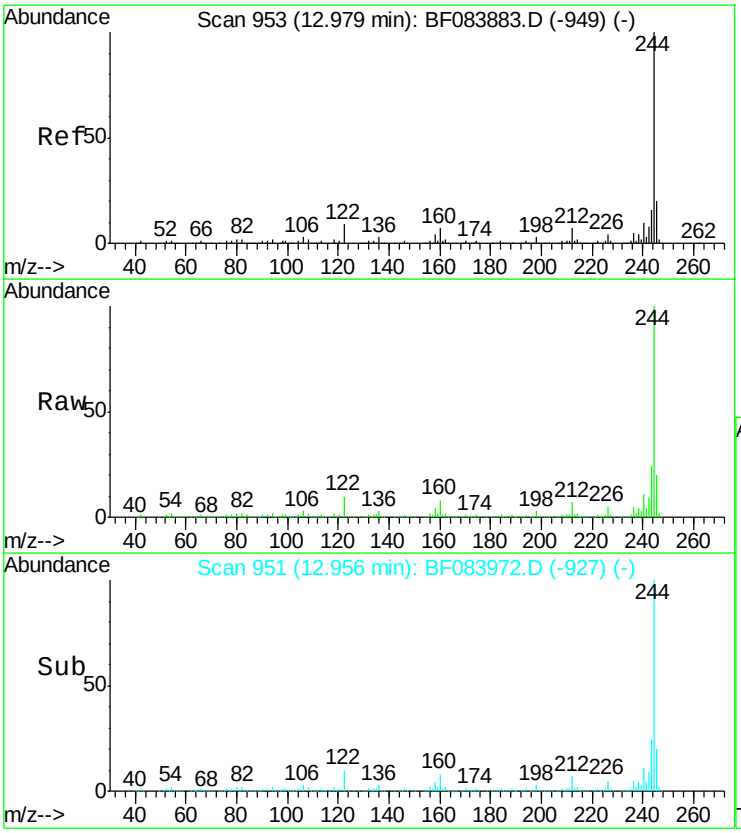
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.03 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Instrument :
BNA_F
ClientSampleId :
LAR-9879-B

Tgt Ion:240 Resp: 191155

Ion	Ratio	Lower	Upper
240	100		
120	16.9	9.5	14.3#
236	26.1	20.6	31.0

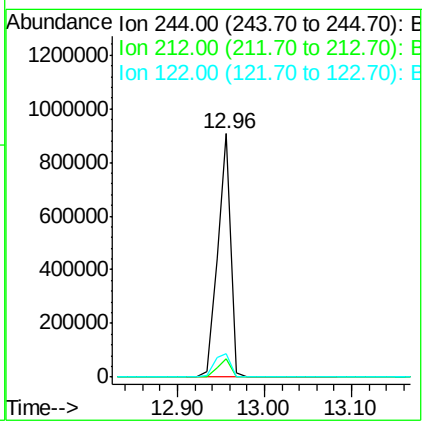


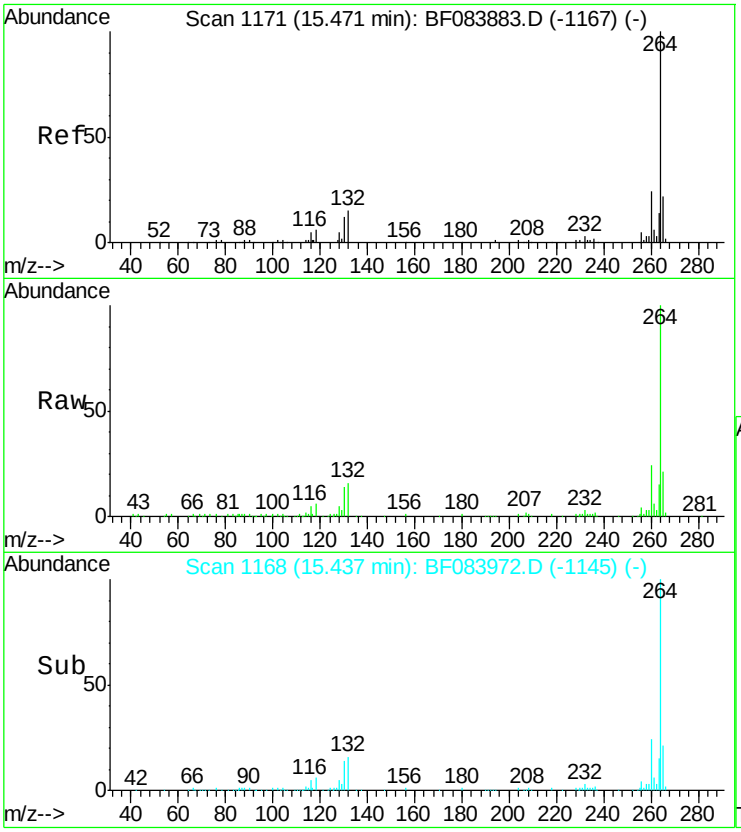


#78
Terphenyl-d14
Concen: 119.25 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Tgt Ion:244 Resp: 954322

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	9.7	7.4	11.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083972.D
Acq: 19 Dec 2015 23:26

Instrument :
BNA_F
ClientSampleId :
LAR-9879-B

Tgt Ion:264 Resp: 153503

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.4	17.8	26.6