Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085003.D
Acq On : 10 Feb 2016 20:00
Operator : SJ/IZ
Sample : H1373-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-020516

Quant Time: Feb 11 00:54:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	142188	20.00	ng		0.02
21) Naphthalene-d8	7.92	136	578005	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	234253	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	383000	20.00	ng		0.00
75) Chrysene-d12	13.77	240	304198	20.00	ng		0.00
86) Perylene-d12	15.13	264	257873	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	219271	24.02	ng		0.03
7) Phenol-d6	6.41	99	19856	1.75	ng		0.13
23) Nitrobenzene-d5	7.21	82	1037449	101.11	ng		0.01
41) 2,4,6-Tribromophenol	10.46	330	231006	94.54	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1721205	-20.00	ng		0.01
78) Terphenyl-d14	12.73	244	868977	64.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	18272	4.57	ng	#	65
3) Pyridine	2.74	79	393418	37.76	ng	#	78
6) Aniline	6.44	93	34640168	2501.48	ng		93
8) 2-Chlorophenol	6.49	128	26038	2.52	ng	#	75
12) 1,3-Dichlorobenzene	6.59	146	155795	14.27	ng	#	92
13) 1,4-Dichlorobenzene	6.67	146	1817103	166.50	ng		98
14) 1,2-Dichlorobenzene	6.82	146	2602972	256.08	ng		96
20) 3+4-Methylphenols	7.05	107	235505	23.22	ng	#	31
31) Naphthalene	7.94	128	208396	7.19	ng	#	85
33) 4-Chloroaniline	7.99	127	89963	7.50	ng		93
49) Dimethylphthalate	9.39	163	41787	2.34	ng	#	90

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085003.D
Acq On : 10 Feb 2016 20:00
Operator : SJ/IZ
Sample : H1373-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516

Quant Time: Feb 11 00:54:17 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
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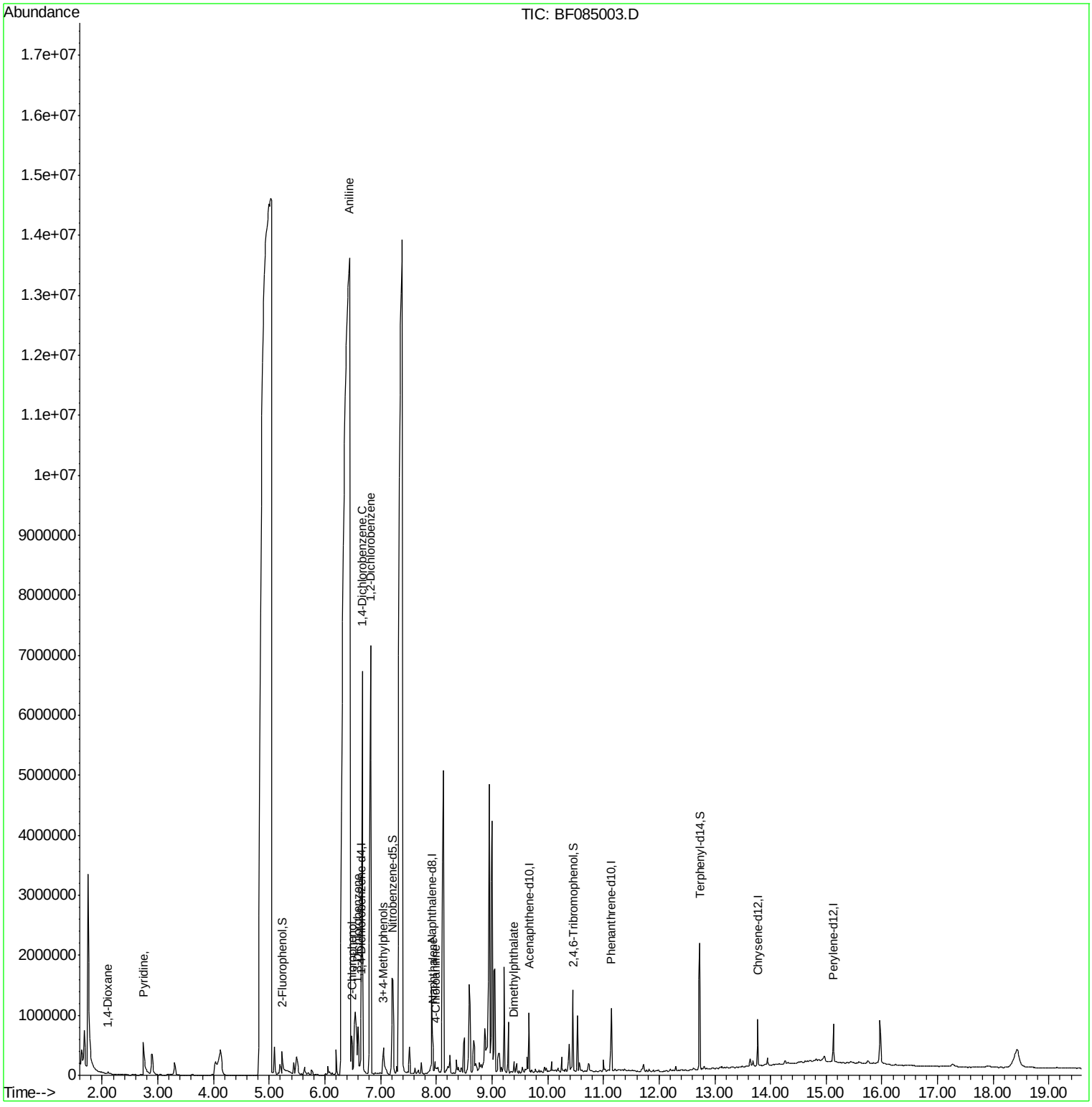
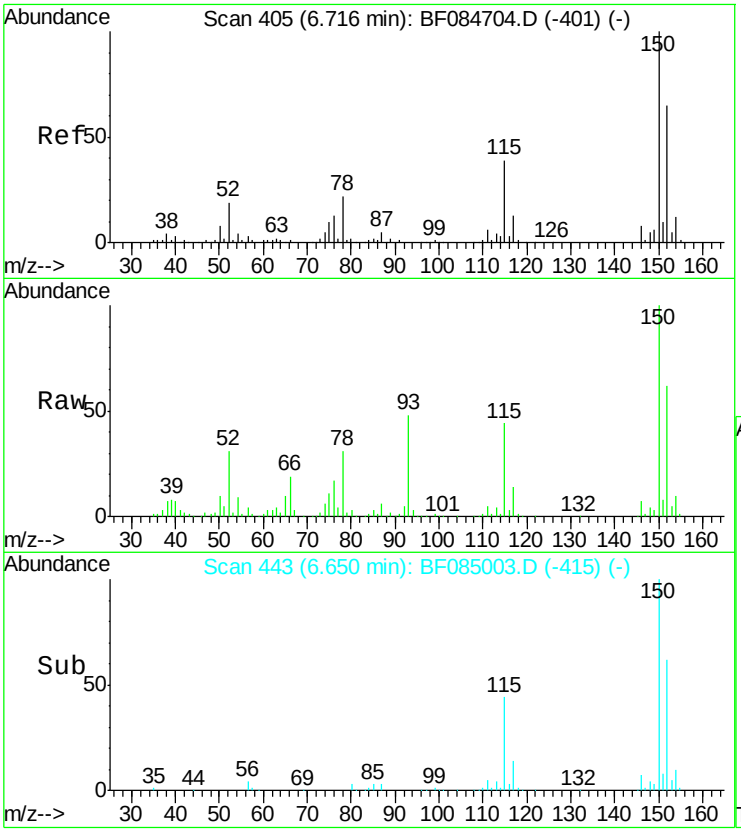


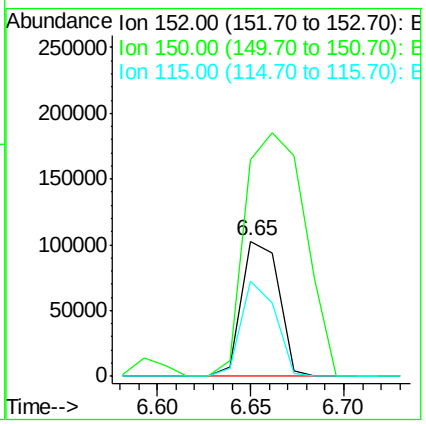


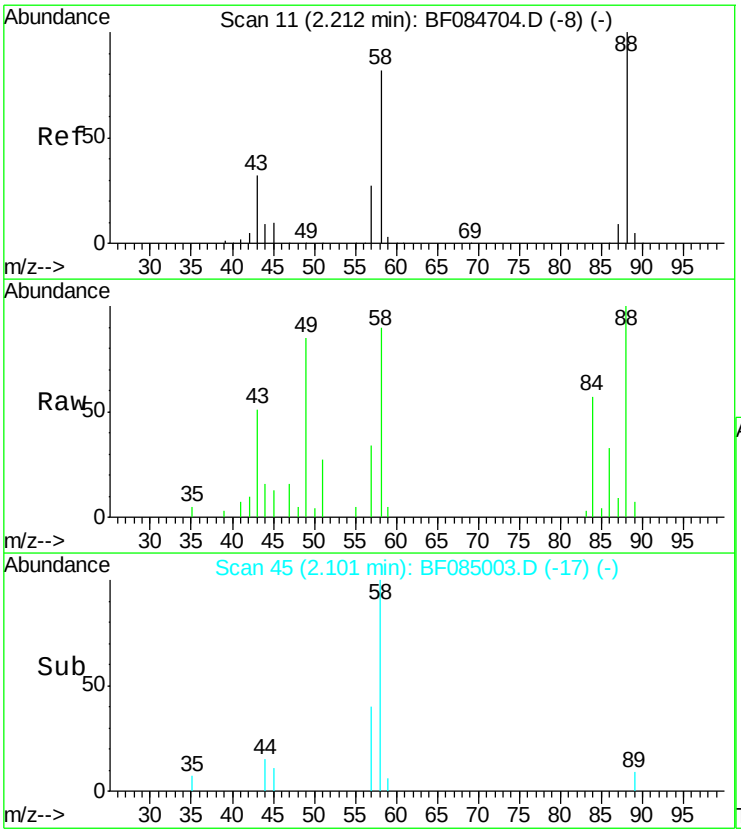
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 443
Delta R.T. 0.02 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516

Tgt Ion:152 Resp: 142188

Ion	Ratio	Lower	Upper
152	100		
150	160.4	123.0	184.4
115	70.4	51.4	77.2

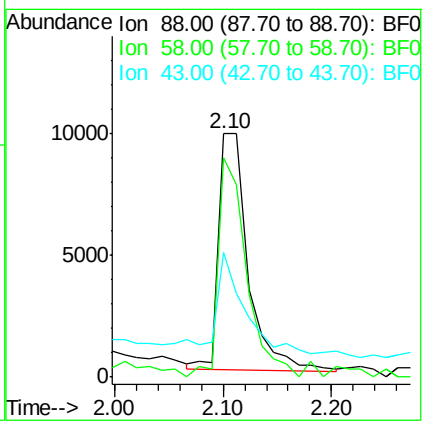


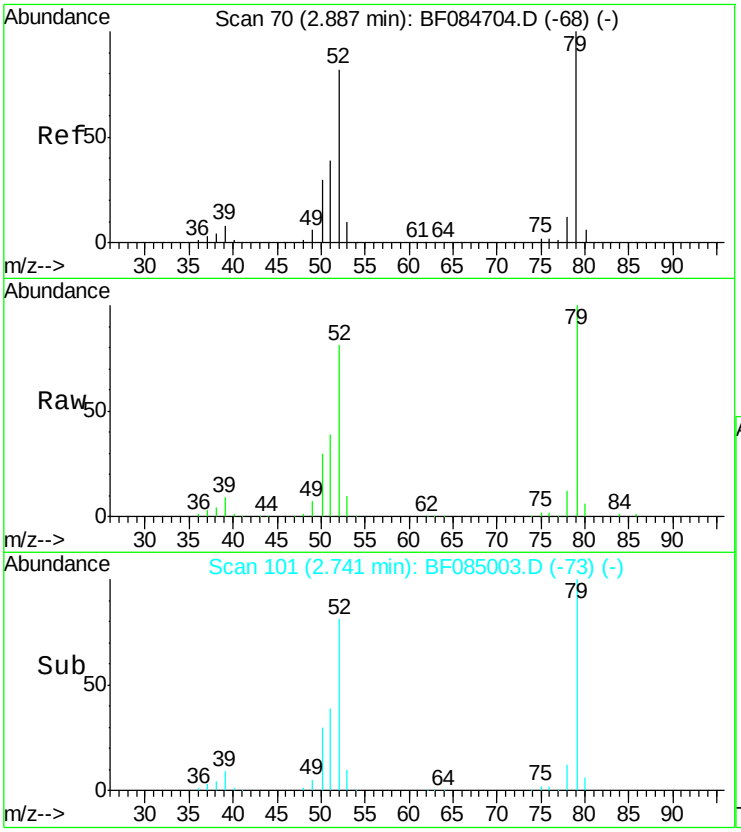


#2
1,4-Dioxane
Concen: 4.57 ng
RT: 2.10 min Scan# 45
Delta R.T. 0.02 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Tgt Ion: 88 Resp: 18272

Ion	Ratio	Lower	Upper
88	100		
58	88.7	51.2	76.8#
43	45.4	19.5	29.3#



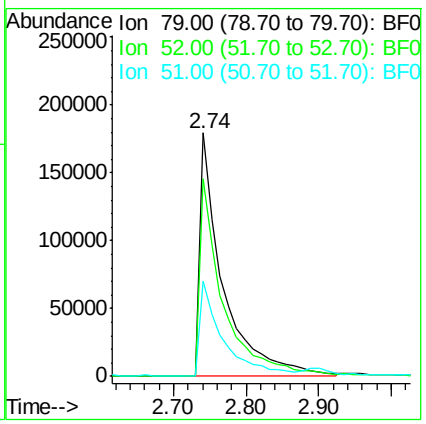


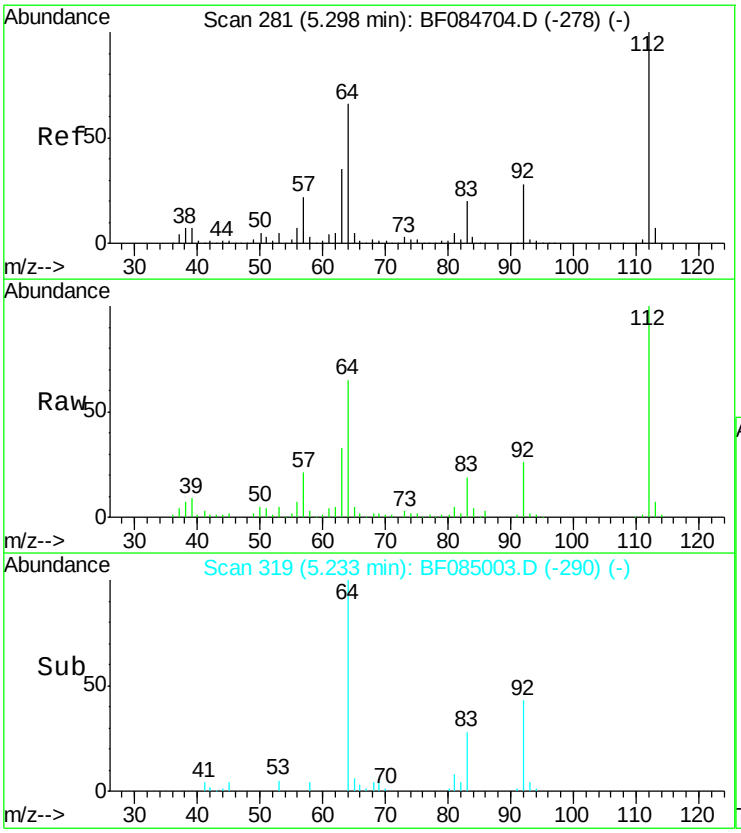
#3
Pyridine
Concen: 37.76 ng
RT: 2.74 min Scan# 101
Delta R.T. 0.02 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516

Tgt Ion: 79 Resp: 393418

Ion	Ratio	Lower	Upper
79	100		
52	81.2	49.0	73.4#
51	39.3	25.2	37.8#

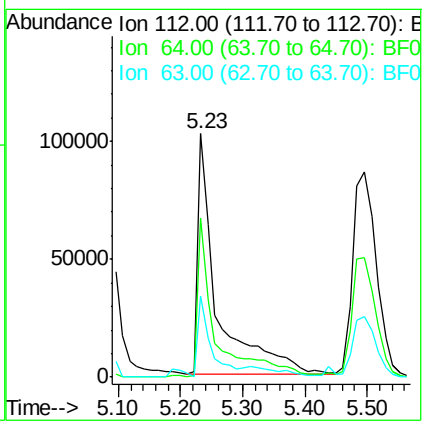


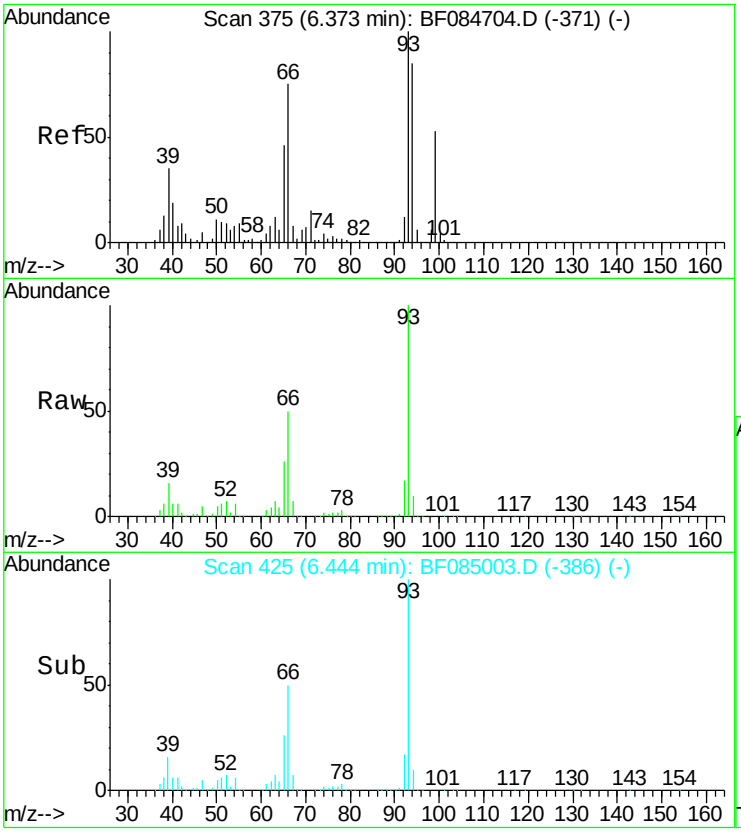


#5
2-Fluorophenol
Concen: 24.02 ng
RT: 5.23 min Scan# 319
Delta R.T. 0.03 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Tgt Ion:112 Resp: 219271

Ion	Ratio	Lower	Upper
112	100		
64	65.4	36.6	55.0#
63	33.4	19.4	29.0#



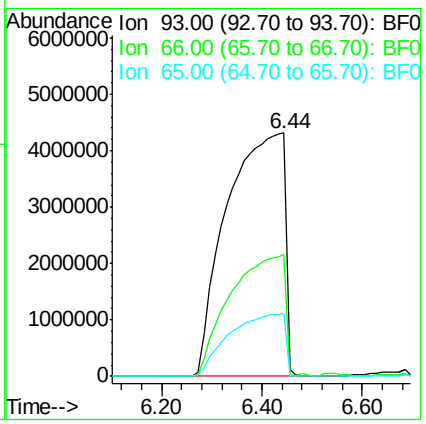


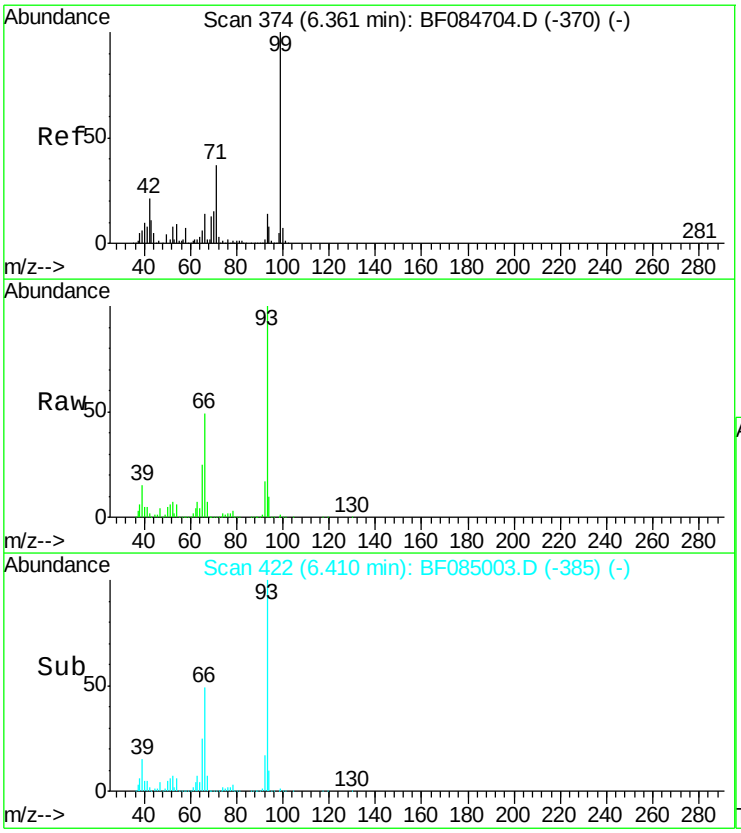
#6
Aniline
Concen: 2501.48 ng
RT: 6.44 min Scan# 425
Delta R.T. 0.15 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516

Tgt Ion: 93 Resp:34640168

Ion	Ratio	Lower	Upper
93	100		
66	50.3	44.9	67.3
65	26.1	23.7	35.5

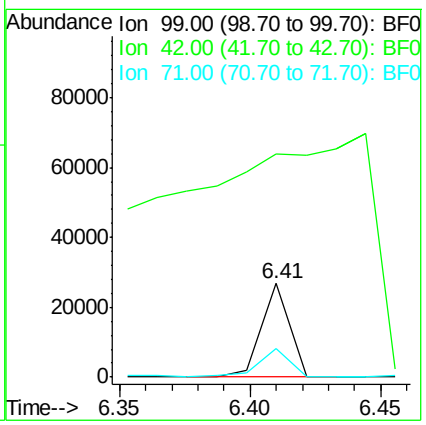


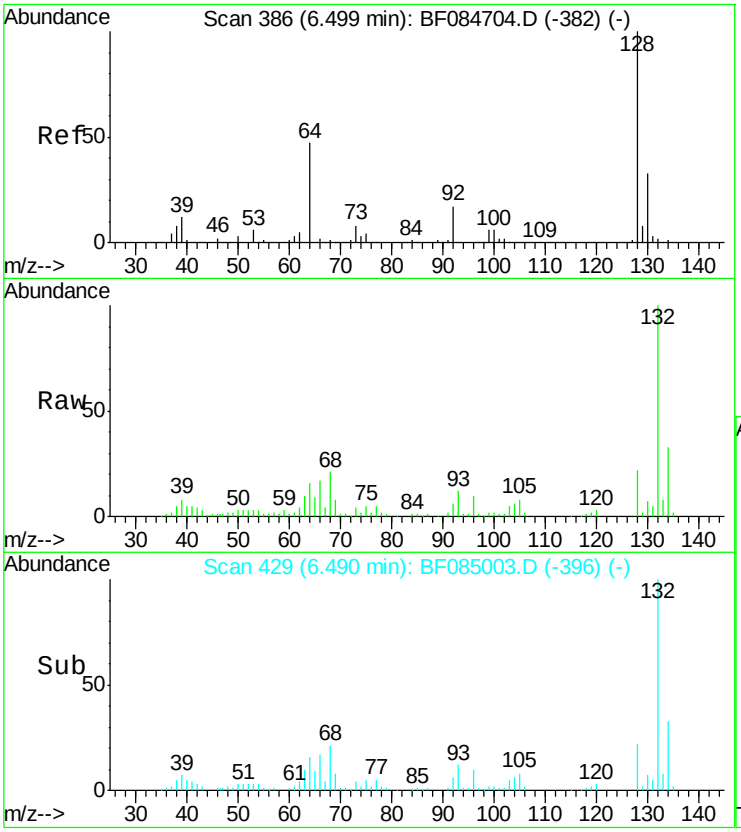


#7
Phenol-d6
Concen: 1.75 ng
RT: 6.41 min Scan# 422
Delta R.T. 0.13 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Tgt Ion: 99 Resp: 19856

Ion	Ratio	Lower	Upper
99	100		
42	237.3	12.8	19.2#
71	30.9	30.9	46.3



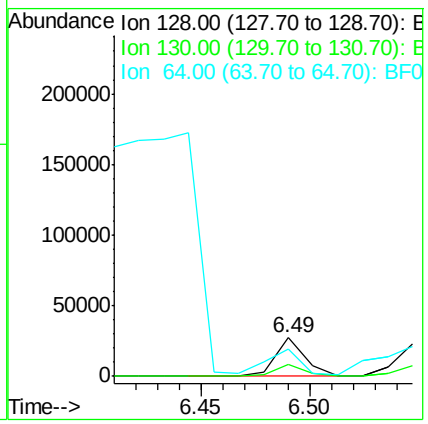


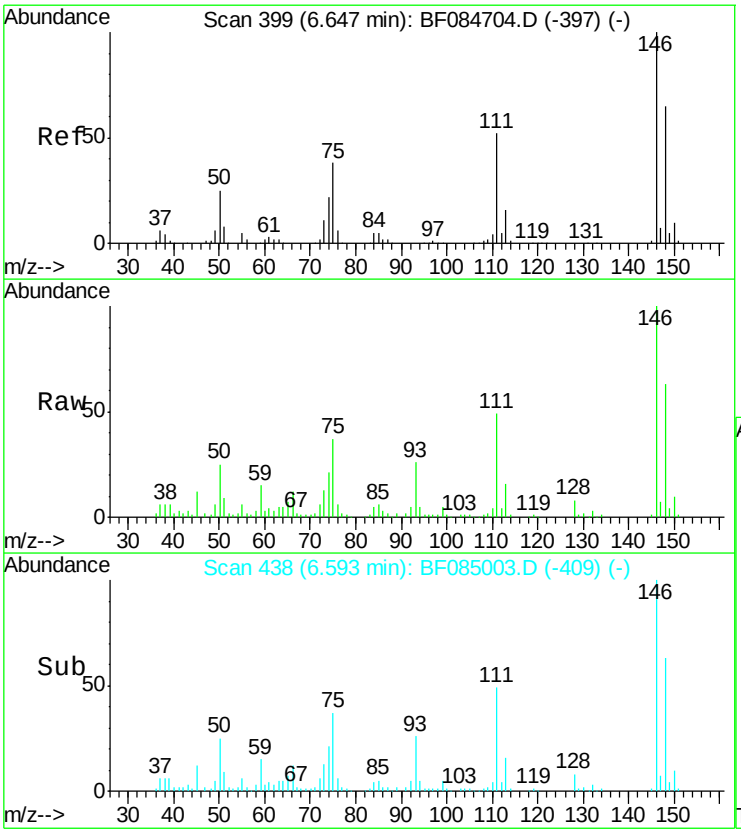
#8
2-Chlorophenol
Concen: 2.52 ng
RT: 6.49 min Scan# 429
Delta R.T. 0.08 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516

Tgt Ion:128 Resp: 26038

Ion	Ratio	Lower	Upper
128	100		
130	31.9	11.6	51.6
64	71.8	23.8	63.8#

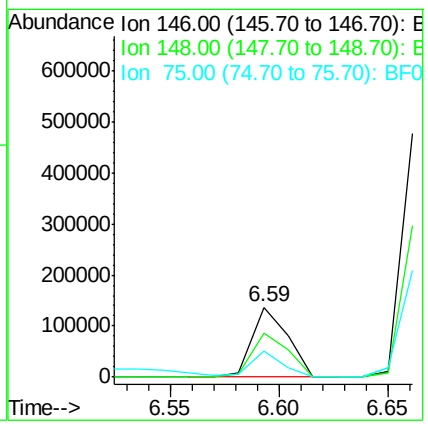


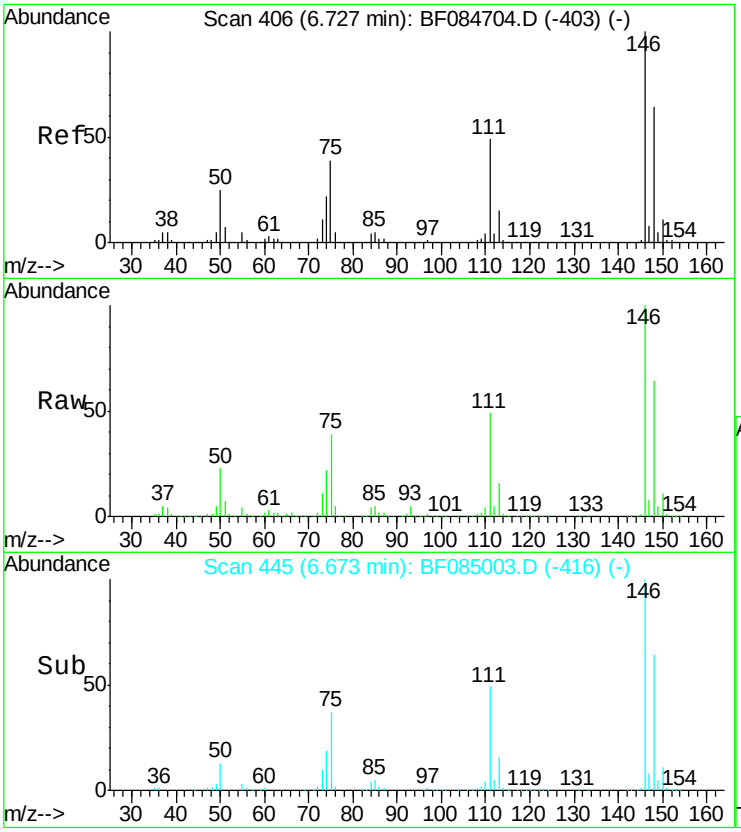


#12
1,3-Dichlorobenzene
Concen: 14.27 ng
RT: 6.59 min Scan# 438
Delta R.T. 0.03 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Tgt Ion:146 Resp: 155795

Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.9	77.9
75	37.2	20.5	30.7#



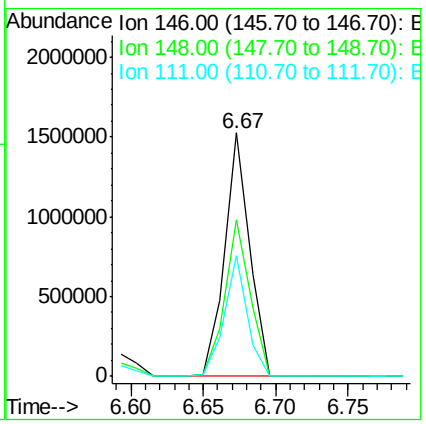


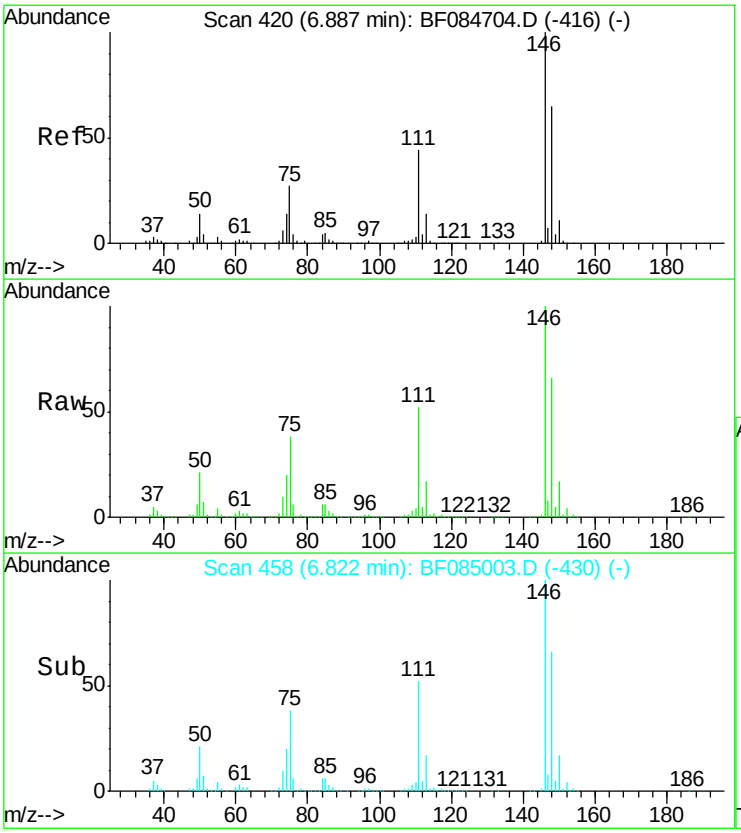
#13
1,4-Dichlorobenzene
Concen: 166.50 ng
RT: 6.67 min Scan# 445
Delta R.T. 0.03 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516

Tgt Ion:146 Resp: 1817103

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	49.4	41.6	62.4

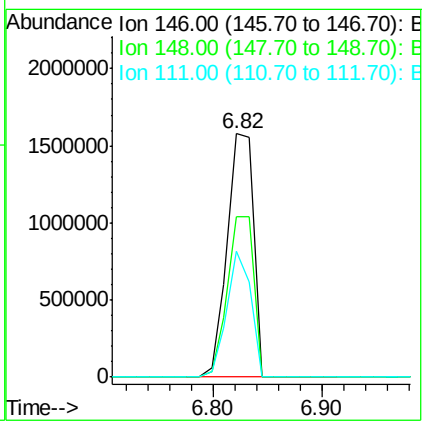


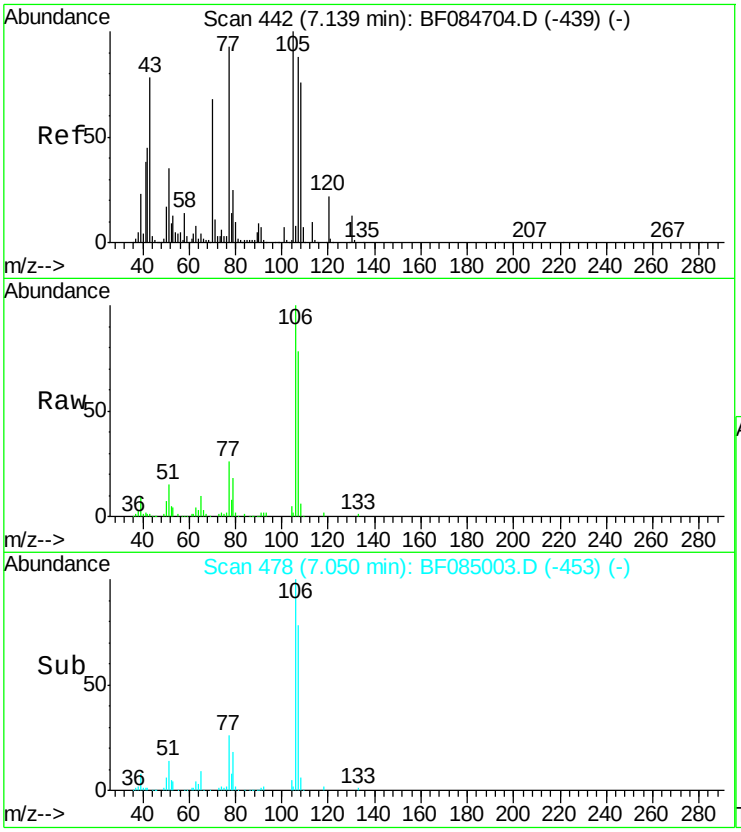


#14
1,2-Dichlorobenzene
Concen: 256.08 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.02 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Tgt Ion:146 Resp: 2602972

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.6	77.4
111	51.9	38.0	57.0



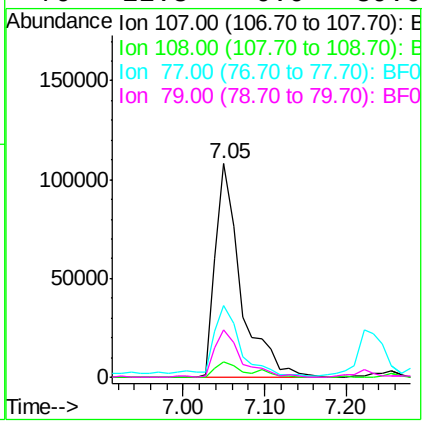


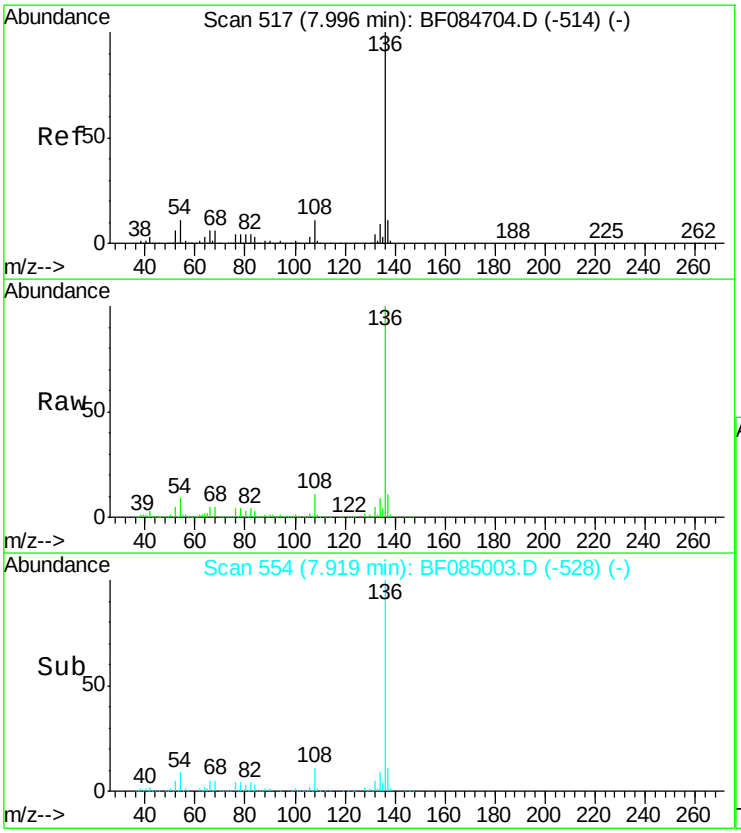
#20
3+4-Methylphenols
Concen: 23.22 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516

Tgt Ion:107 Resp: 235505

Ion	Ratio	Lower	Upper
107	100		
108	7.3	74.6	114.6#
77	33.3	0.7	40.7
79	22.3	0.0	39.0

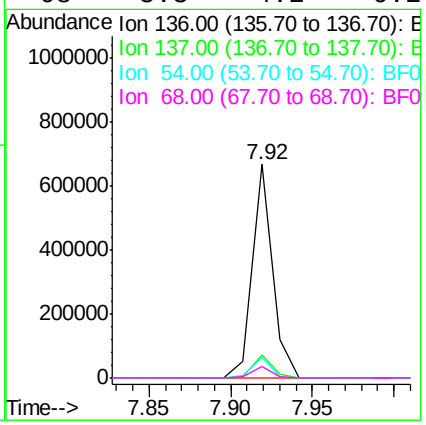


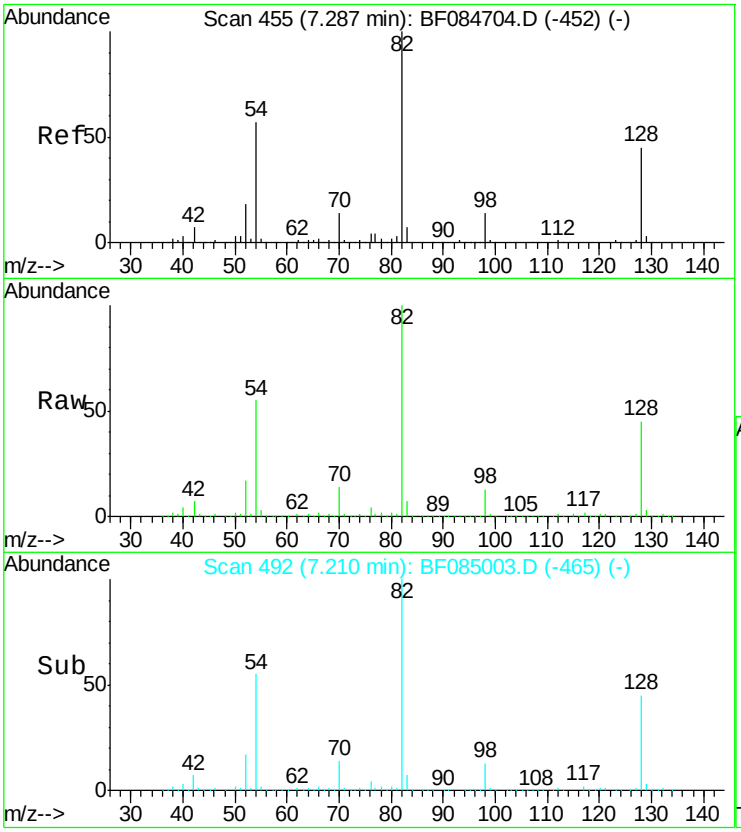


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Tgt Ion:136 Resp: 578005

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.4	5.8	8.8#
68	5.3	4.2	6.2



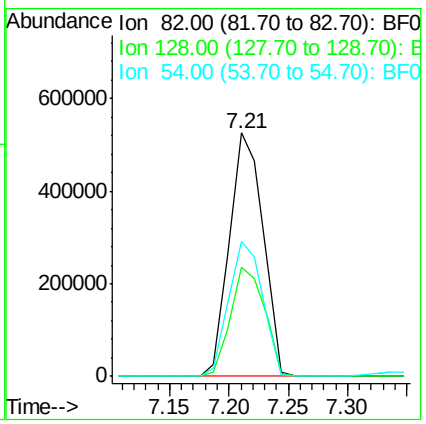


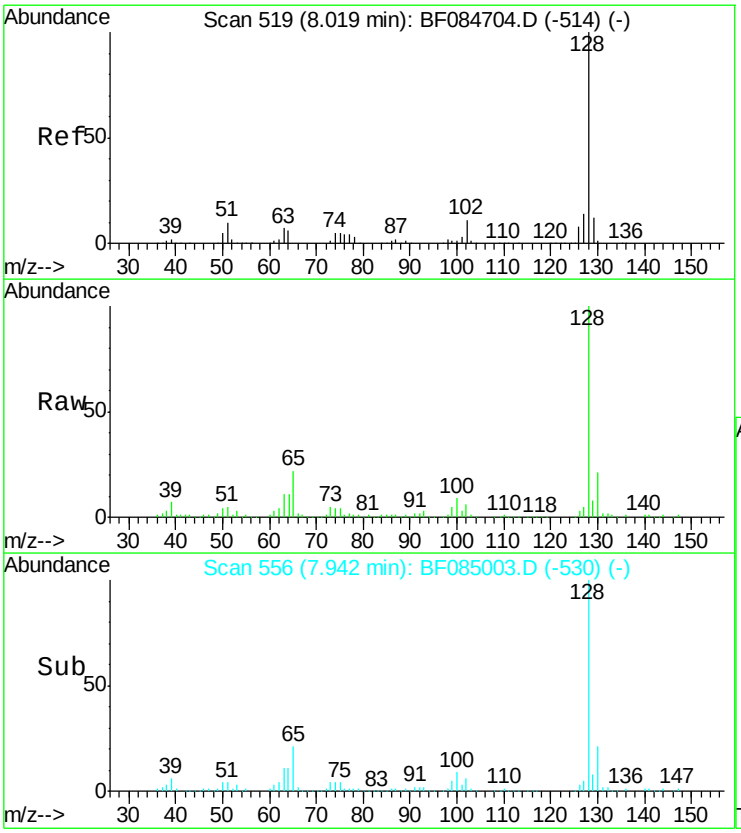
#23
Nitrobenzene-d5
Concen: 101.11 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.01 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516

Tgt Ion: 82 Resp: 1037449

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.6	51.8
54	55.2	38.4	57.6

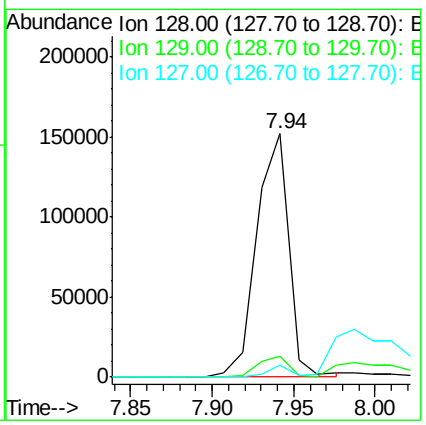


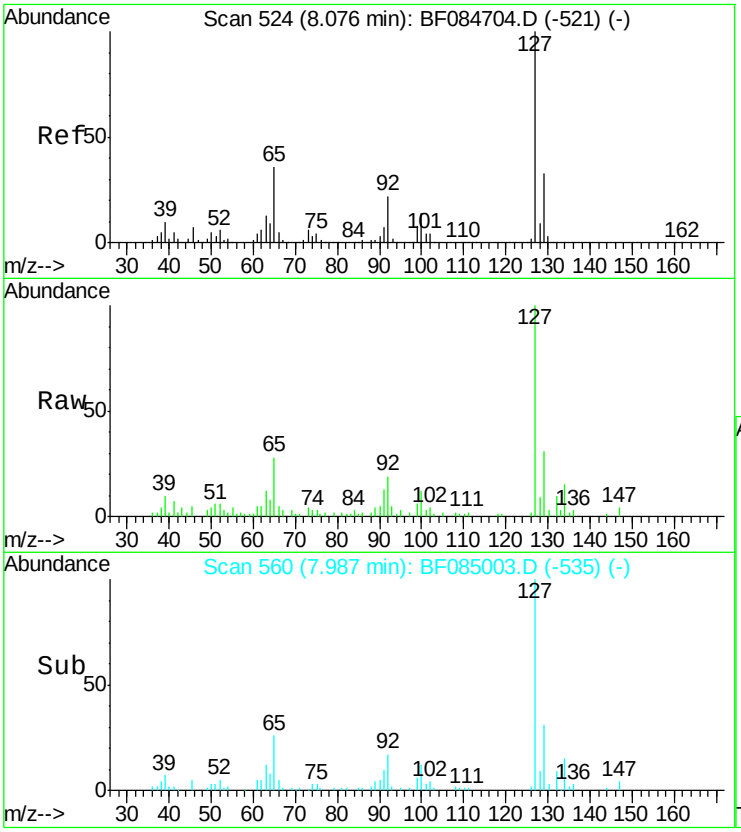


#31
Naphthalene
Concen: 7.19 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Tgt Ion:128 Resp: 208396

Ion	Ratio	Lower	Upper
128	100		
129	8.4	9.1	13.7#
127	5.2	11.1	16.7#



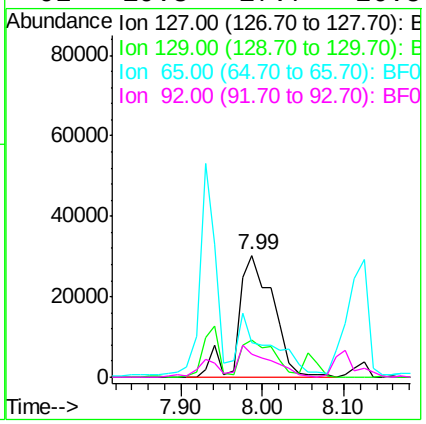


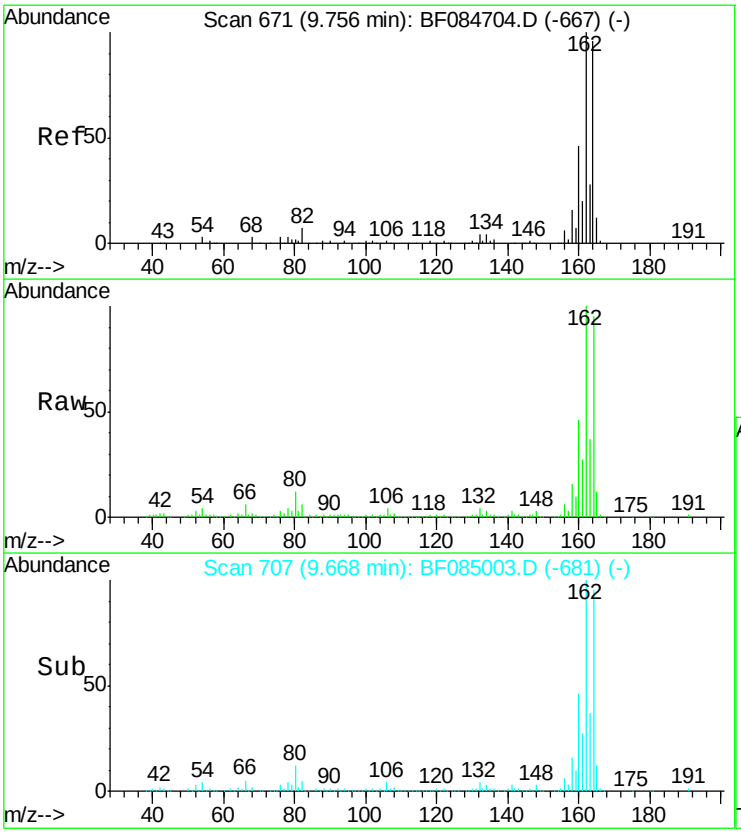
#33
4-Chloroaniline
Concen: 7.50 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516

Tgt Ion:127 Resp: 89963

Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.5	39.7
65	28.2	27.2	40.8
92	19.3	17.7	26.5

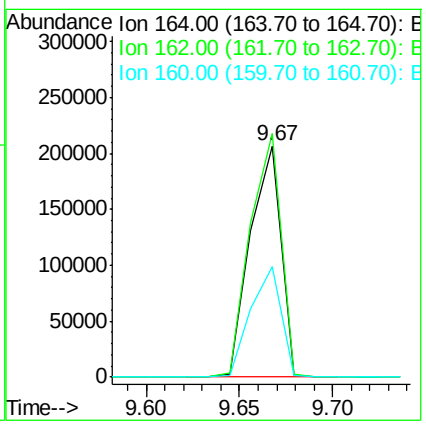


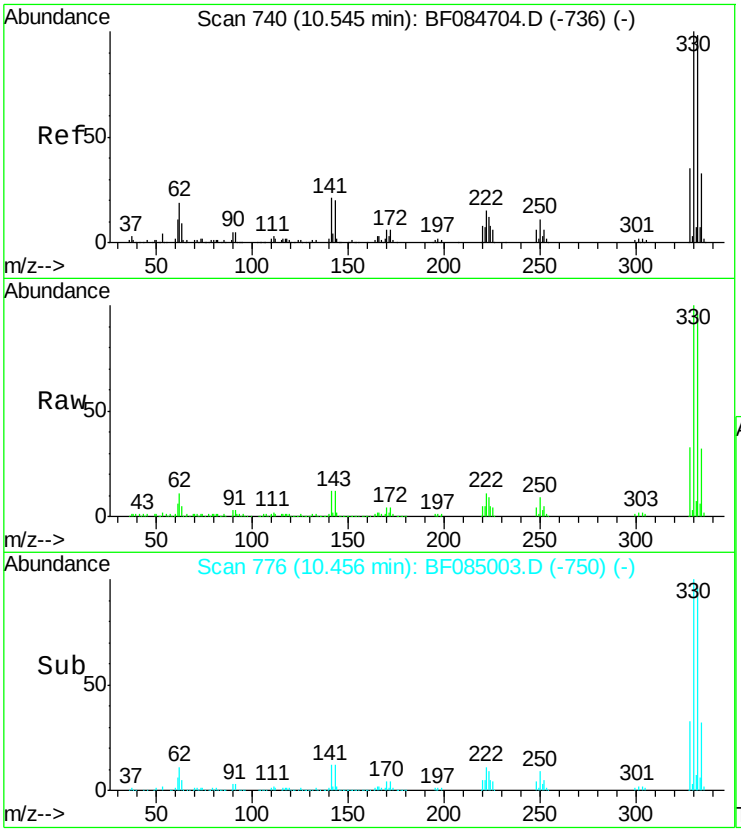


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Tgt Ion:164 Resp: 234253

Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.1	127.7
160	47.9	37.5	56.3



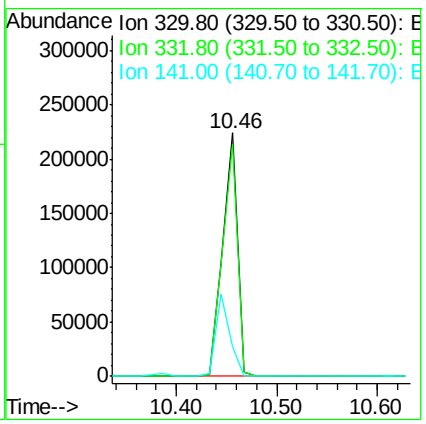


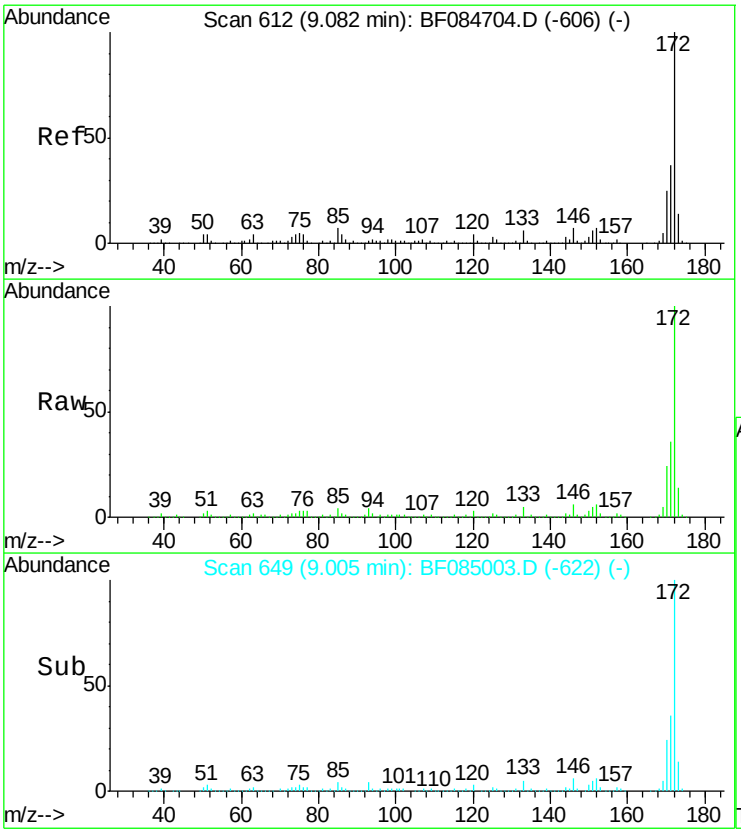
#41
2,4,6-Tribromophenol
Concen: 94.54 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516

Tgt Ion:330 Resp: 231006

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	32.6	27.8	41.6

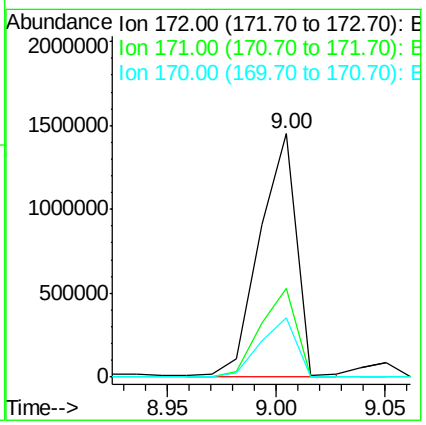


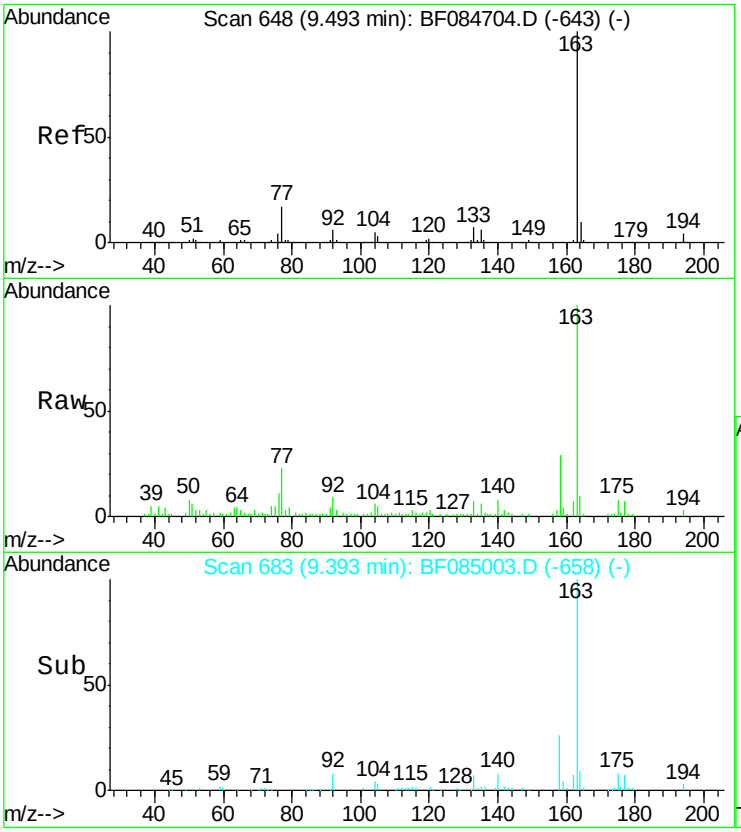


#44
2-Fluorobiphenyl
Concen: -20.00 ng
RT: 9.00 min Scan# 649
Delta R.T. 0.01 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Tgt Ion:172 Resp: 1721205

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.5	18.6	27.8



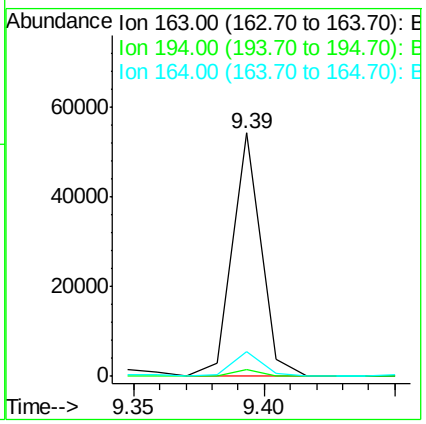


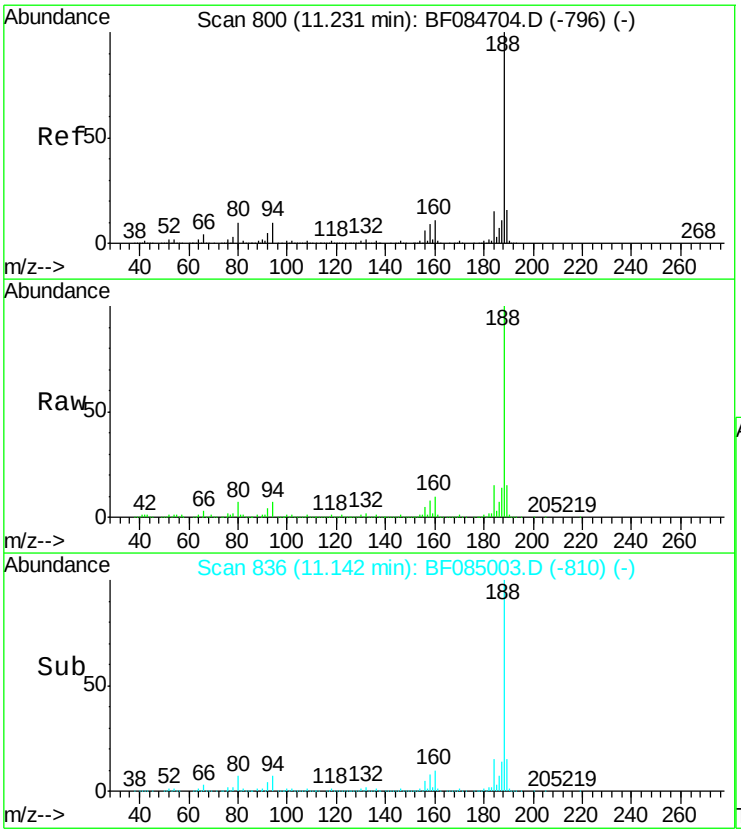
#49
Dimethylphthalate
Concen: 2.34 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516

Tgt Ion:163 Resp: 41787

Ion	Ratio	Lower	Upper
163	100		
194	2.9	8.0	12.0#
164	10.2	8.0	12.0

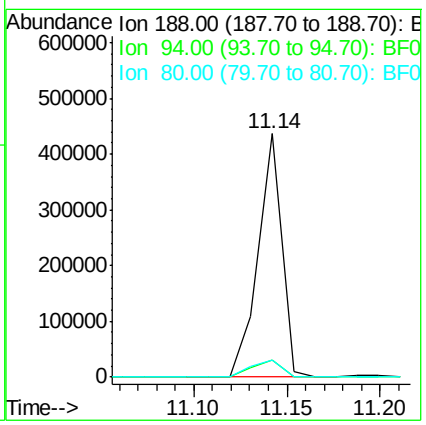


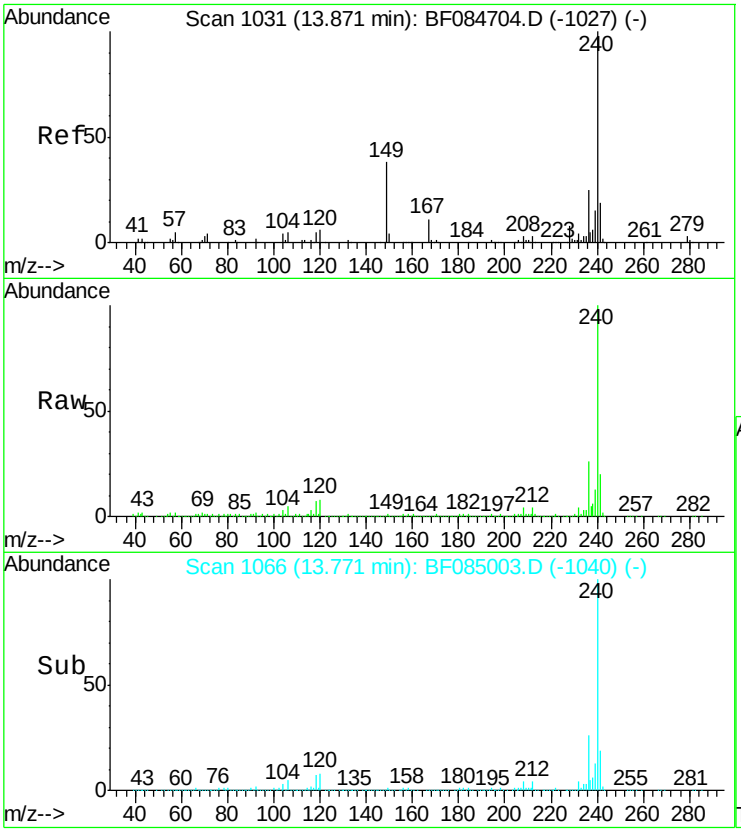


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Tgt Ion:188 Resp: 383000

Ion	Ratio	Lower	Upper
188	100		
94	7.3	9.0	13.4#
80	7.3	9.6	14.4#



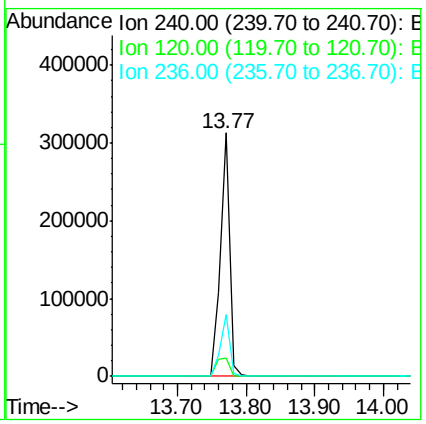


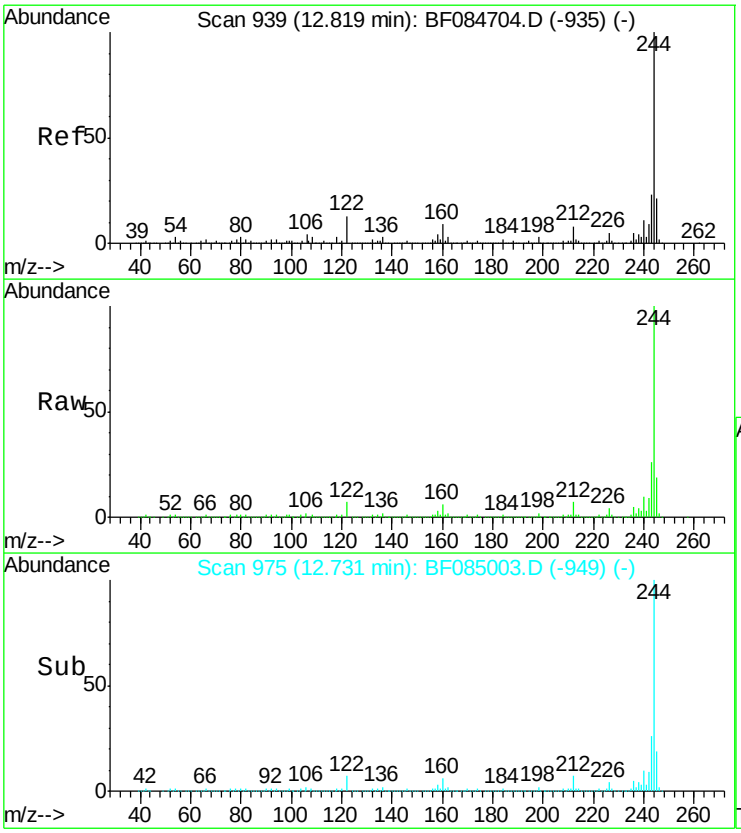
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516

Tgt Ion:240 Resp: 304198

Ion	Ratio	Lower	Upper
240	100		
120	7.7	9.5	14.3#
236	25.6	20.6	31.0

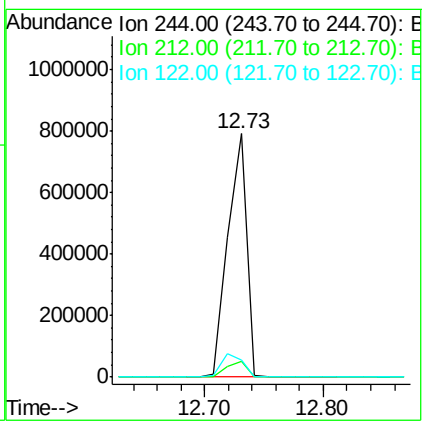


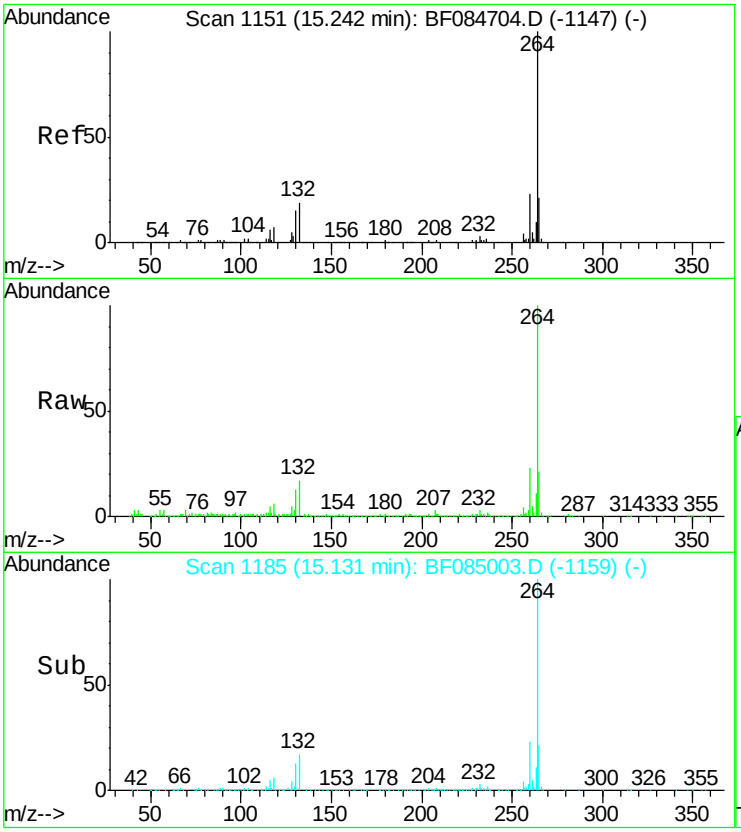


#78
Terphenyl-d14
Concen: 64.73 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Tgt Ion:244 Resp: 868977

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	6.8	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF085003.D
Acq: 10 Feb 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-020516

Tgt Ion:264 Resp: 257873

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.2
265	21.3	17.8	26.6