Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112115\
Data File : BF083135.D
Acq On : 22 Nov 2015 3:33
Operator : UM/IZ
Sample : G4513-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9865

Quant Time: Nov 22 06:46:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 01:05:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	153760	20.00	ng		0.01
21) Naphthalene-d8	8.04	136	448972	20.00	ng		0.09
38) Acenaphthene-d10	9.69	164	295673	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	595149	20.00	ng		-0.01
75) Chrysene-d12	13.78	240	575509	20.00	ng		-0.02
86) Perylene-d12	15.15	264	532429	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	184589	9.07	ng		-0.02
7) Phenol-d6	6.32	99	315436	11.99	ng		-0.02
23) Nitrobenzene-d5	7.26	82	175338	8.92	ng		0.02
41) 2,4,6-Tribromophenol	10.47	330	44820	7.41	ng		-0.02
44) 2-Fluorobiphenyl	9.03	172	246899	5.82	ng		0.00
78) Terphenyl-d14	12.74	244	263728	5.40	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.22	77	37609	3.63	ng	#	1
15) Benzyl Alcohol	6.97	79	580111	52.76	ng	#	45
18) Hexachloroethane	7.27	117	111534	24.95	ng	#	1
19) n-Nitroso-di-n-propylamine	7.08	70	2161685	236.05	ng	#	88
22) Acetophenone	7.24	105	52390	4.06	ng	#	1
24) Nitrobenzene	7.28	77	492587	46.92	ng	#	1
25) Isophorone	7.52	82	724290	38.93	ng	#	1
26) 2-Nitrophenol	7.63	139	146416	31.59	ng	#	1
27) 2,4-Dimethylphenol	7.74	122	252912	34.19	ng	#	26
28) bis(2-Chloroethoxy)methane	7.88	93	91806	8.49	ng	#	1
31) Naphthalene	8.07	128	171657	7.08	ng	#	1
32) Benzoic acid	7.88	122	71487	12.43	ng	#	1
33) 4-Chloroaniline	8.10	127	460939	49.03	ng	#	71
35) Caprolactam	8.58	113	65103	28.87	ng	#	1
37) 2-Methylnaphthalene	8.70	142	127359	8.10	ng		95
45) 1,1'-Biphenyl	9.13	154	75805	3.01	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	97191	4.00	ng	#	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112115\
Data File : BF083135.D
Acq On : 22 Nov 2015 3:33
Operator : UM/IZ
Sample : G4513-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAR-9865

Quant Time: Nov 22 06:46:30 2015
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QLast Update : Sun Nov 22 01:05:26 2015
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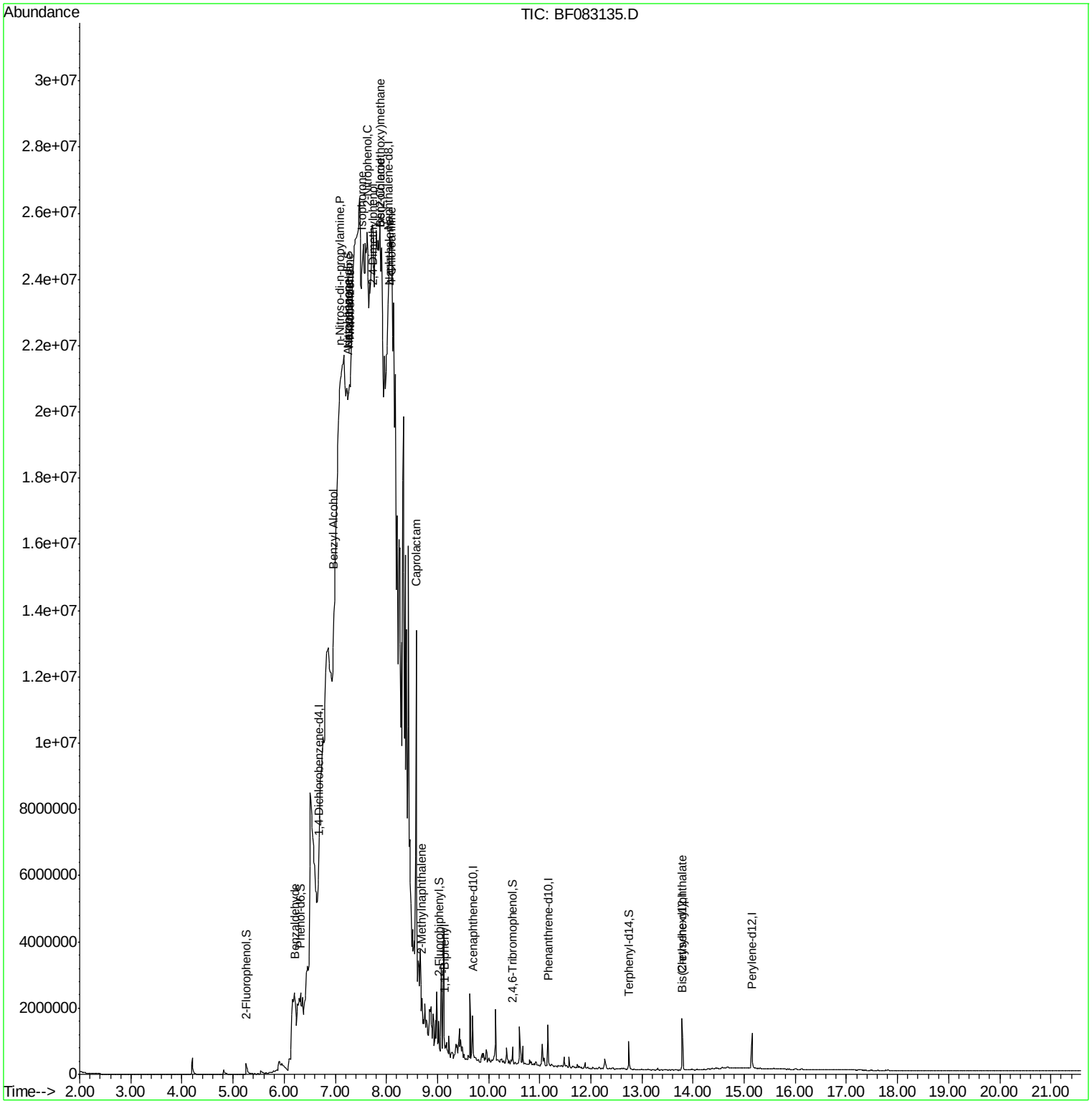
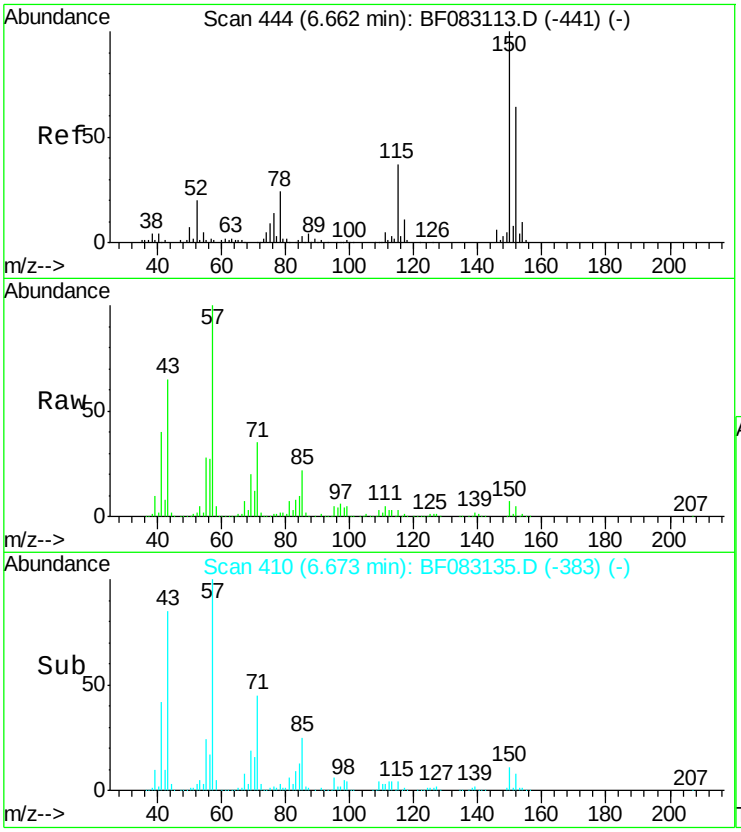


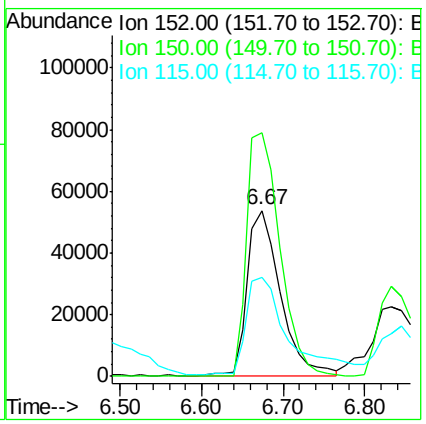


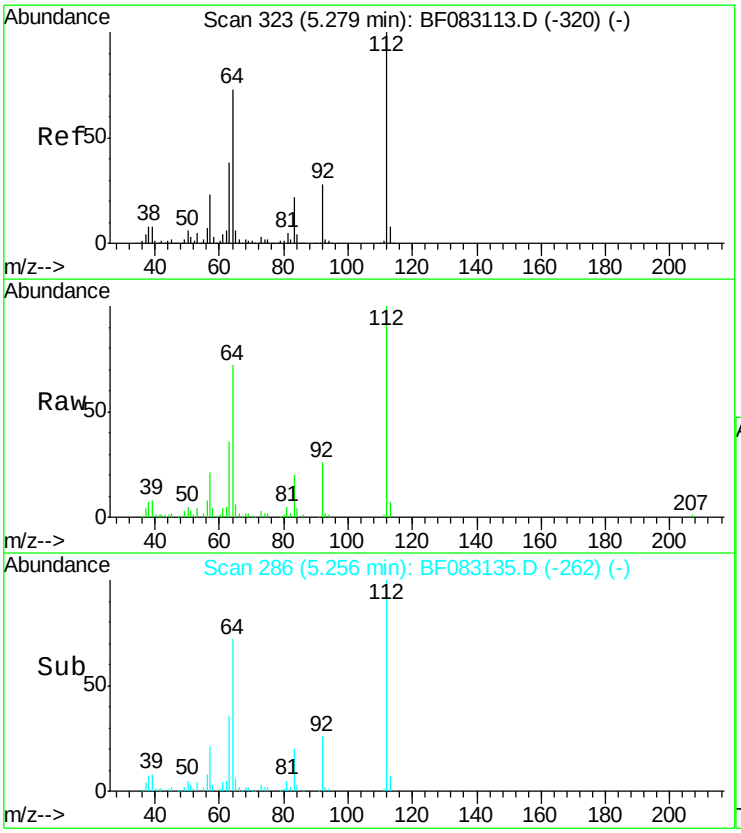
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 410
Delta R.T. 0.01 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Instrument :
BNA_F
ClientSampleId :
LAR-9865

Tgt Ion:152 Resp: 153760

Ion	Ratio	Lower	Upper
152	100		
150	146.8	125.8	188.8
115	59.8	46.9	70.3

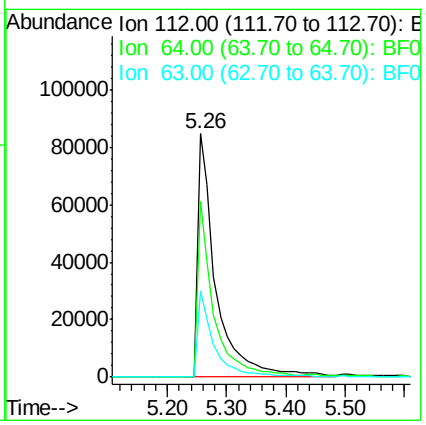


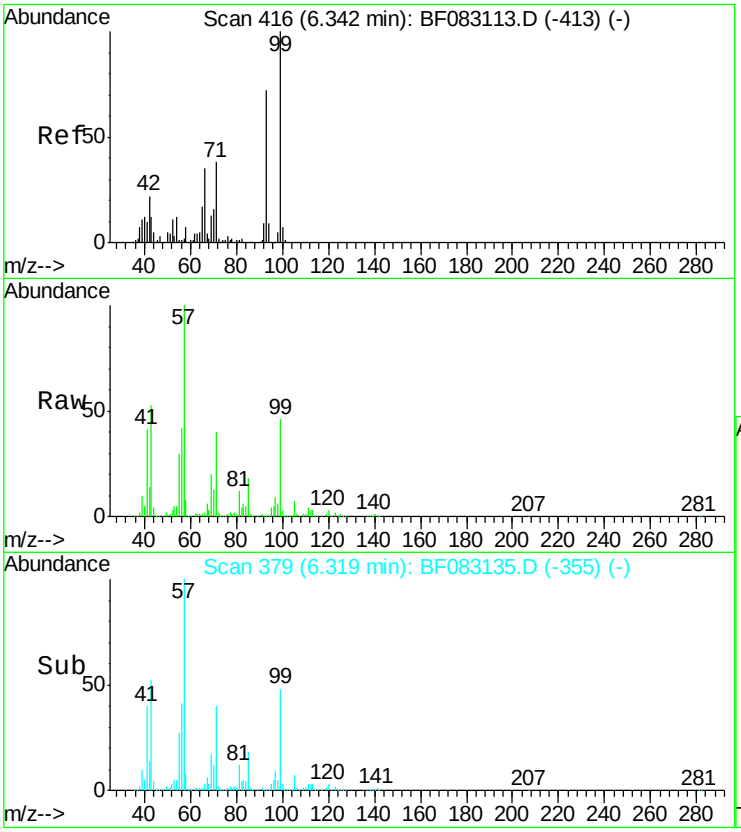


#5
2-Fluorophenol
Concen: 9.07 ng
RT: 5.26 min Scan# 286
Delta R.T. -0.02 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Tgt Ion:112 Resp: 184589

Ion	Ratio	Lower	Upper
112	100		
64	72.1	58.4	87.6
63	35.5	30.0	45.0



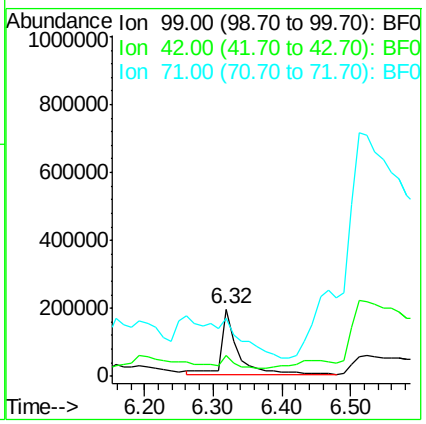


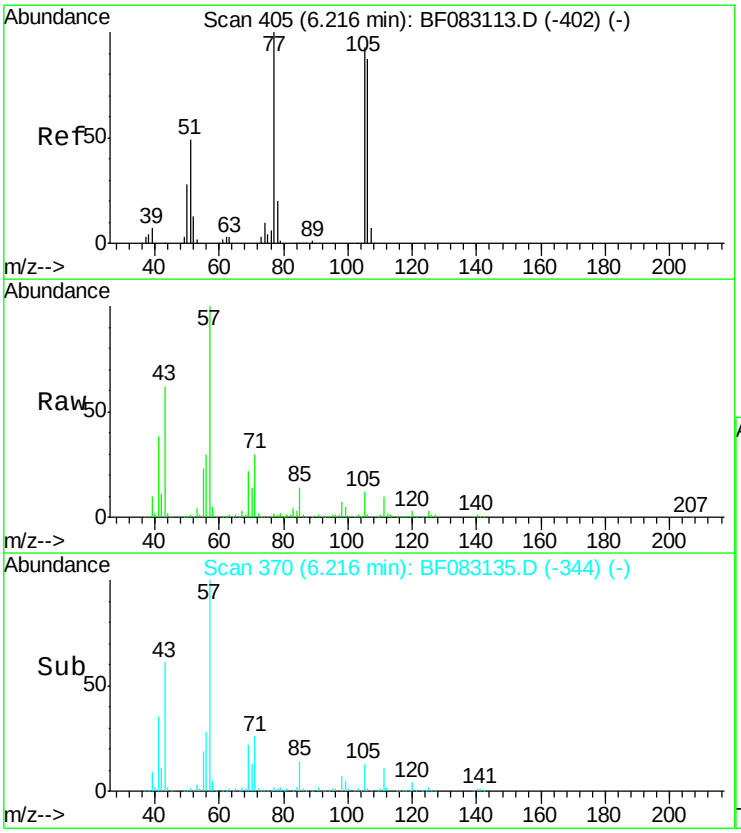
#7
Phenol-d6
Concen: 11.99 ng
RT: 6.32 min Scan# 379
Delta R.T. -0.02 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Instrument :
BNA_F
ClientSampleId :
LAR-9865

Tgt Ion: 99 Resp: 315436

Ion	Ratio	Lower	Upper
99	100		
42	30.3	17.7	26.5#
71	86.6	30.2	45.4#

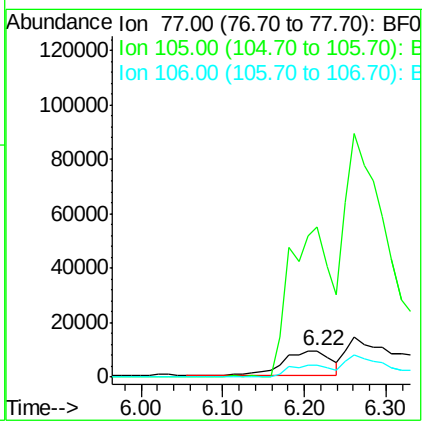


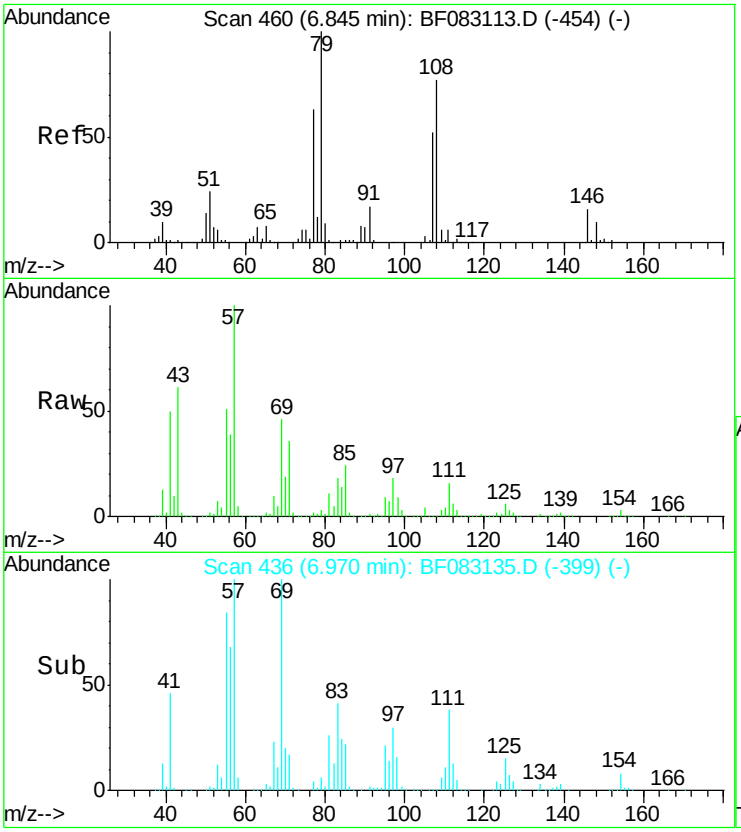


#9
Benzaldehyde
Concen: 3.63 ng
RT: 6.22 min Scan# 370
Delta R.T. 0.00 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Tgt Ion: 77 Resp: 37609

Ion	Ratio	Lower	Upper
77	100		
105	566.2	73.4	113.4#
106	45.2	67.5	107.5#



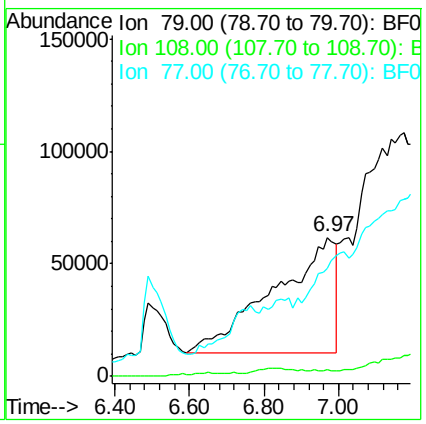


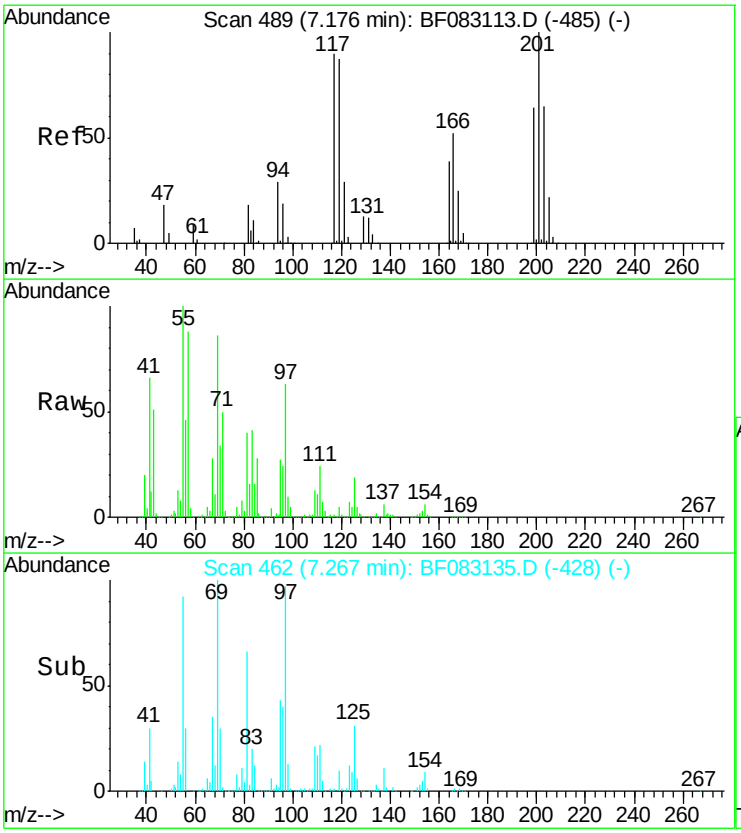
#15
Benzyl Alcohol
Concen: 52.76 ng
RT: 6.97 min Scan# 436
Delta R.T. 0.13 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Instrument :
BNA_F
ClientSampleId :
LAR-9865

Tgt Ion: 79 Resp: 580111

Ion	Ratio	Lower	Upper
79	100		
108	4.6	61.4	92.2#
77	78.1	50.5	75.7#

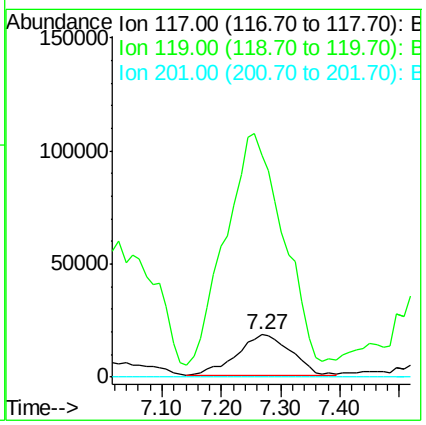


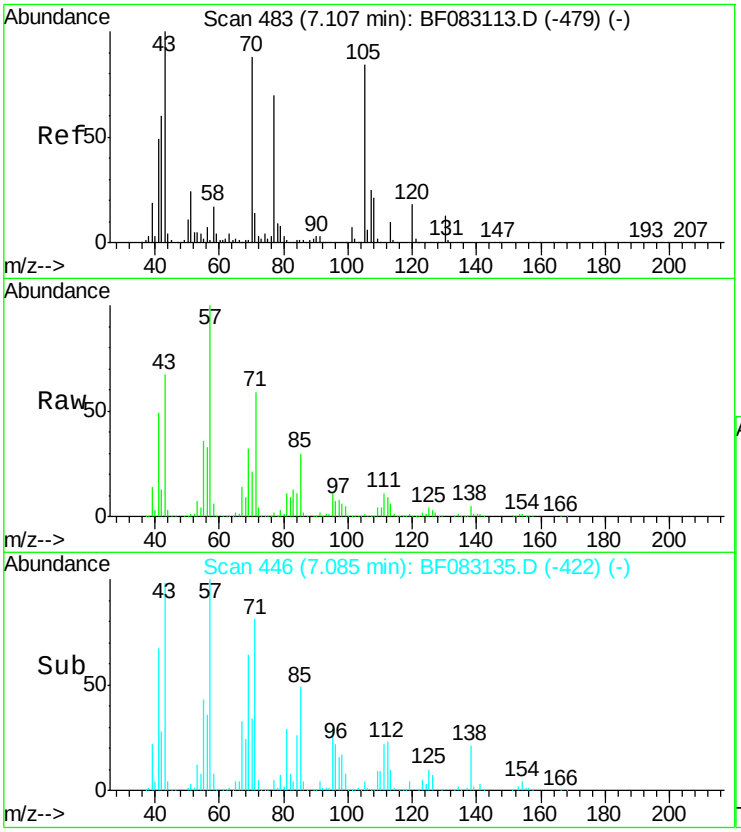


#18
Hexachloroethane
Concen: 24.95 ng
RT: 7.27 min Scan# 462
Delta R.T. 0.09 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Tgt Ion:117 Resp: 111534

Ion	Ratio	Lower	Upper
117	100		
119	521.7	76.8	115.2#
201	0.0	88.6	133.0#



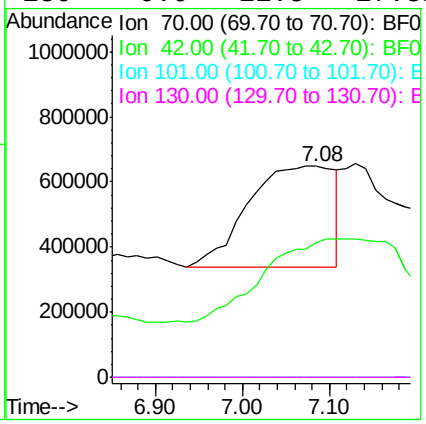


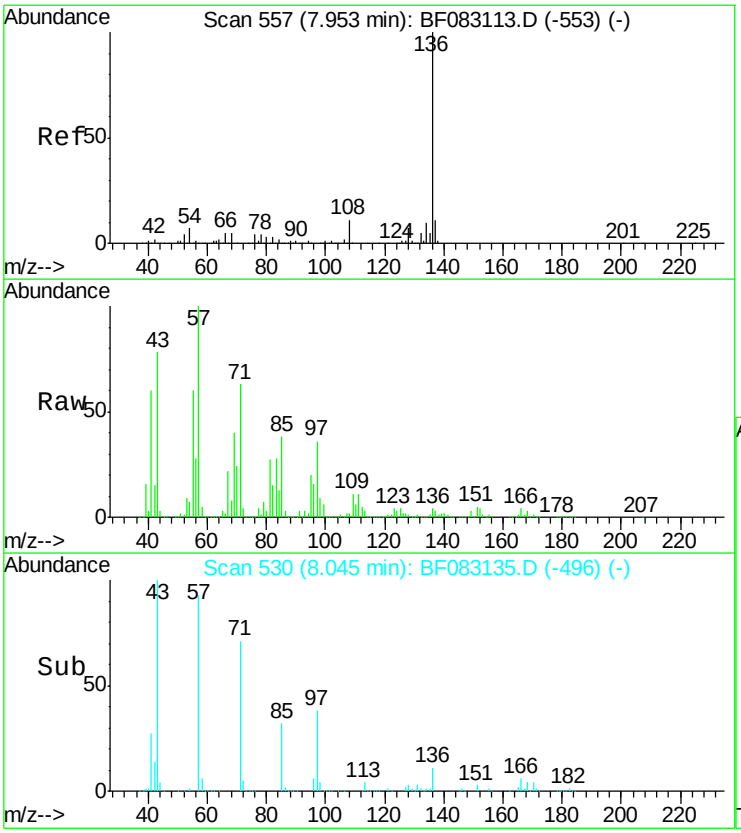
#19
n-Nitroso-di-n-propylamine
Concen: 236.05 ng
RT: 7.08 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Instrument :
BNA_F
ClientSampleId :
LAR-9865

Tgt Ion: 70 Resp: 2161685

Ion	Ratio	Lower	Upper
70	100		
42	63.8	54.5	81.7
101	0.1	6.6	9.8#
130	0.0	11.5	17.3#

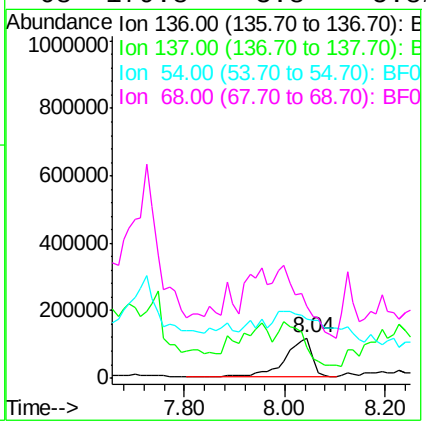


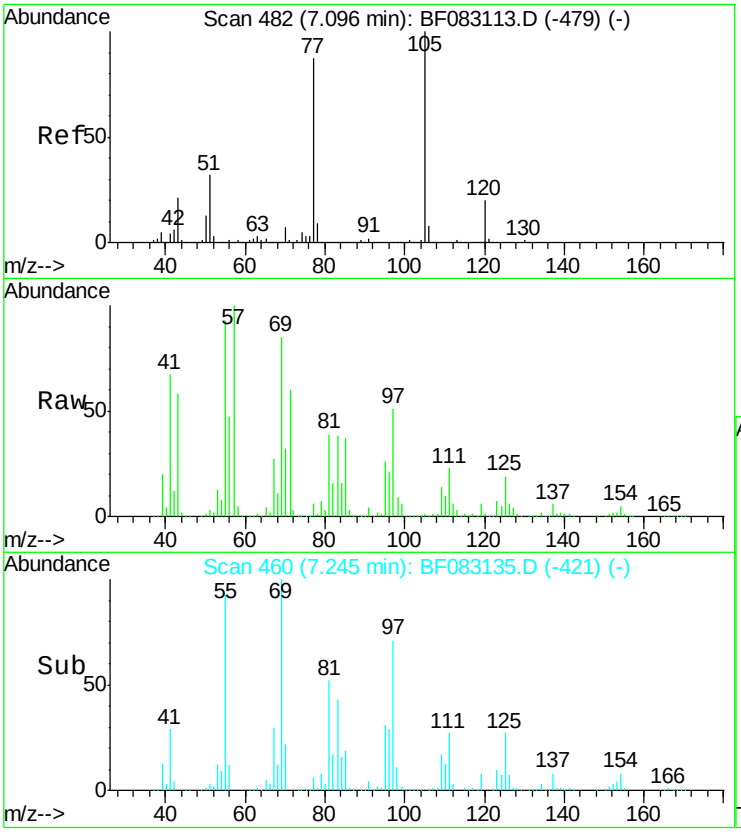


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 530
Delta R.T. 0.09 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Tgt Ion:136 Resp: 448972

Ion	Ratio	Lower	Upper
136	100		
137	78.4	8.7	13.1#
54	148.3	5.8	8.6#
68	179.8	3.8	5.8#



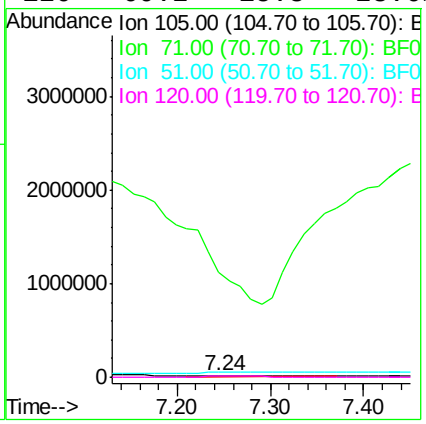


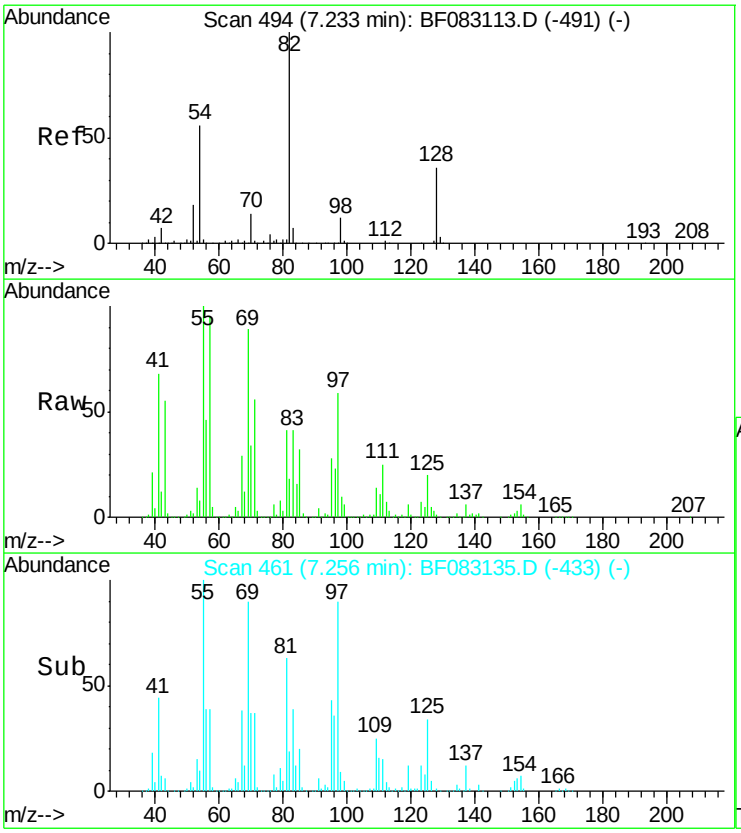
#22
Acetophenone
Concen: 4.06 ng
RT: 7.24 min Scan# 460
Delta R.T. 0.15 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Instrument :
BNA_F
ClientSampleId :
LAR-9865

Tgt Ion:105 Resp: 52390

Ion	Ratio	Lower	Upper
105	100		
71	6646.7	1.0	1.4#
51	320.1	25.6	38.4#
120	69.2	15.8	23.6#

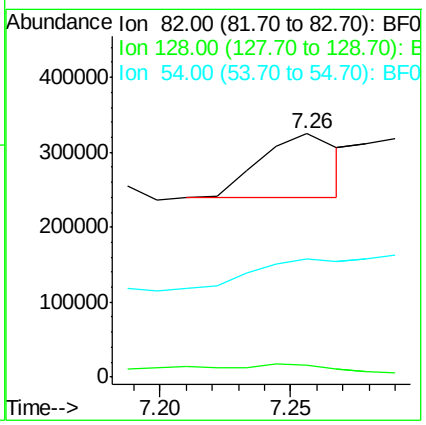


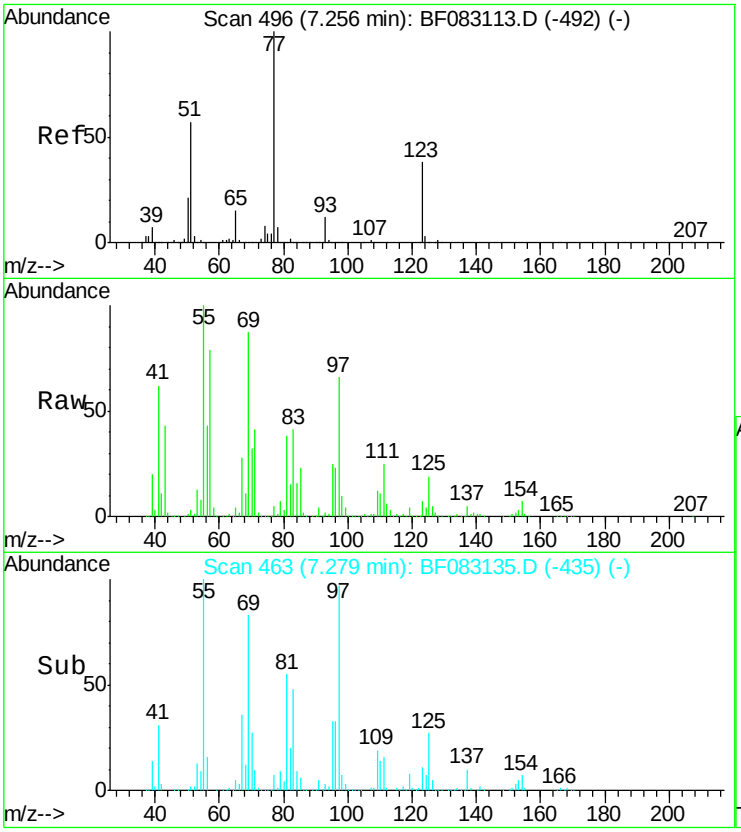


#23
Nitrobenzene-d5
Concen: 8.92 ng
RT: 7.26 min Scan# 461
Delta R.T. 0.02 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Tgt Ion: 82 Resp: 175338

Ion	Ratio	Lower	Upper
82	100		
128	4.9	28.5	42.7#
54	48.3	44.6	67.0



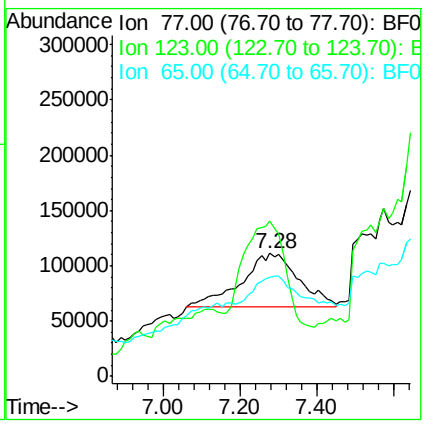


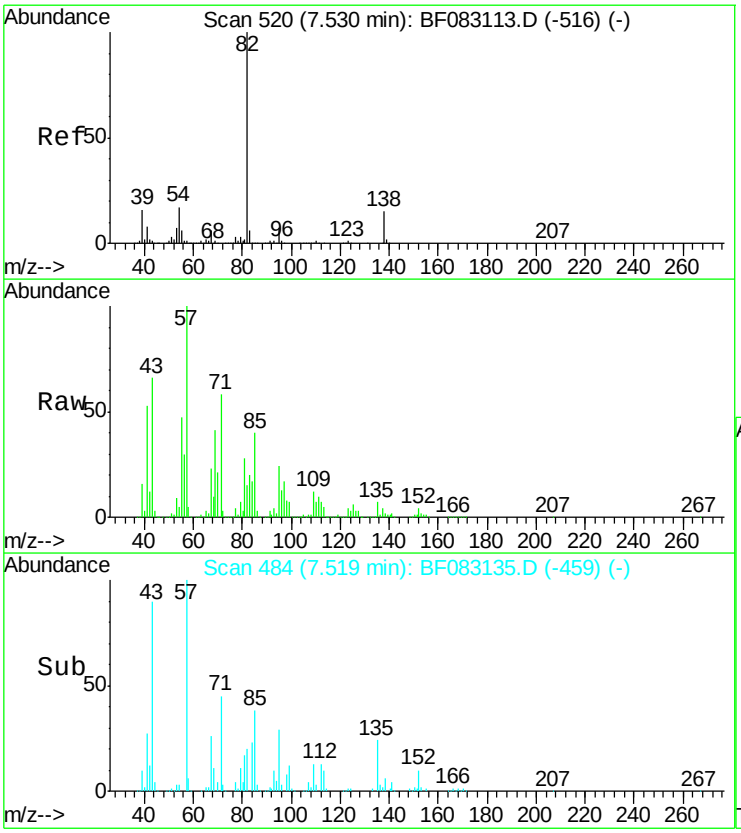
#24
Nitrobenzene
Concen: 46.92 ng
RT: 7.28 min Scan# 463
Delta R.T. 0.02 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Instrument :
BNA_F
ClientSampleId :
LAR-9865

Tgt Ion: 77 Resp: 492587

Ion	Ratio	Lower	Upper
77	100		
123	126.5	30.1	45.1#
65	80.5	11.6	17.4#

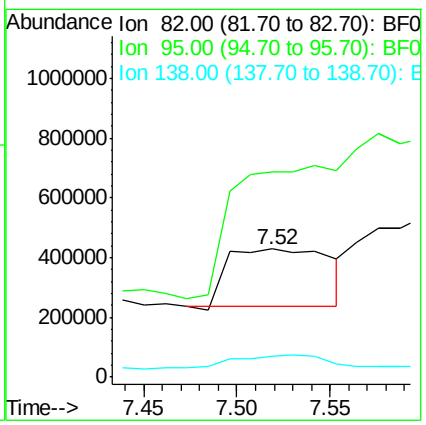


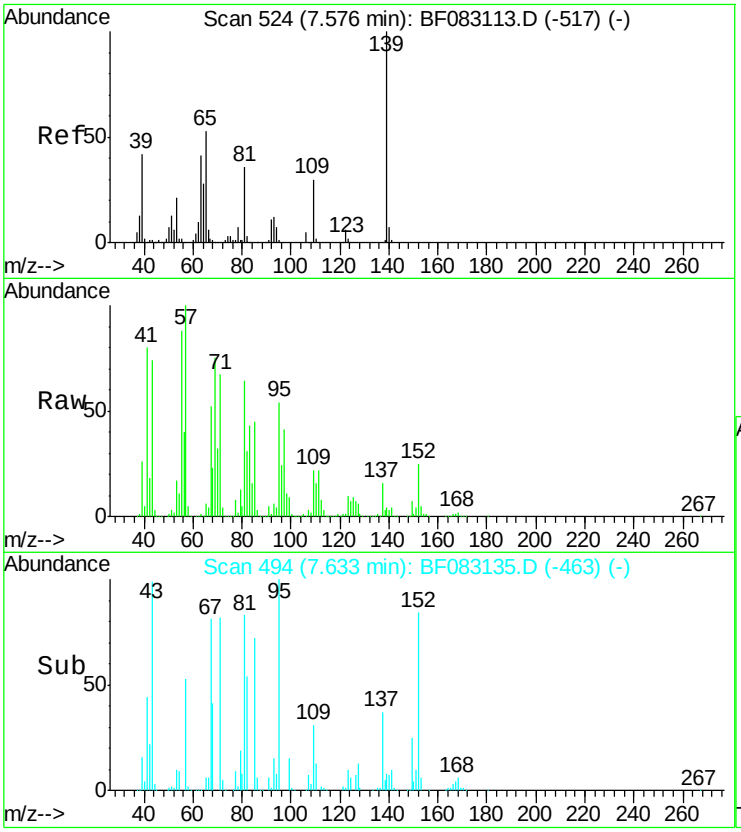


#25
Isophorone
Concen: 38.93 ng
RT: 7.52 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Tgt Ion: 82 Resp: 724290

Ion	Ratio	Lower	Upper
82	100		
95	160.5	5.8	8.8#
138	16.0	11.6	17.4



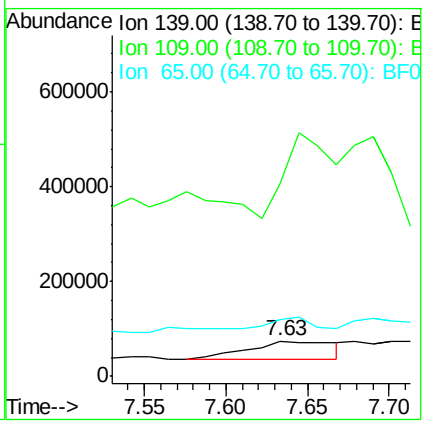


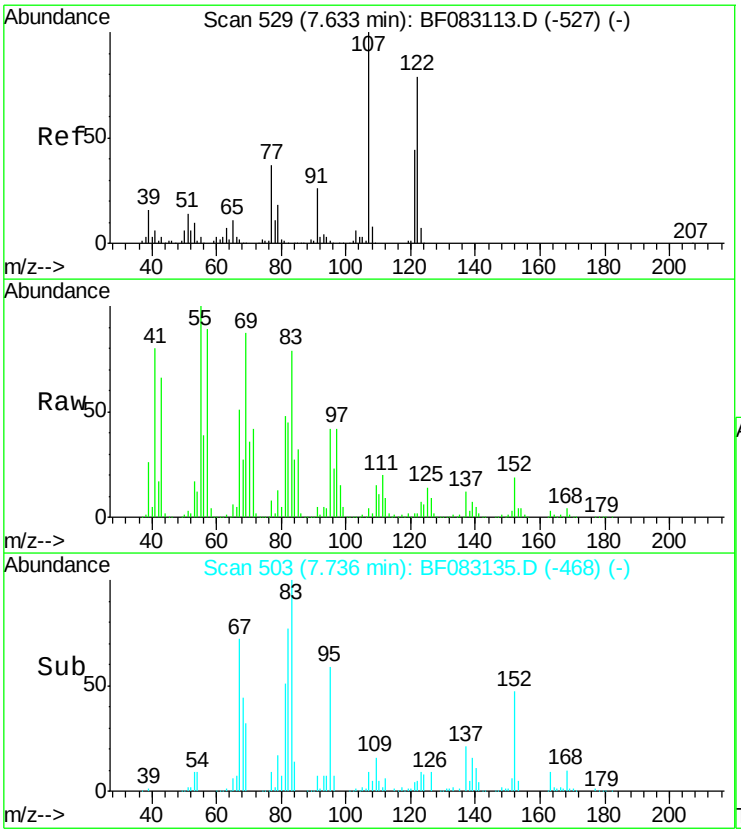
#26
2-Nitrophenol
Concen: 31.59 ng
RT: 7.63 min Scan# 494
Delta R.T. 0.06 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Instrument :
BNA_F
ClientSampleId :
LAR-9865

Tgt Ion:139 Resp: 146416

Ion	Ratio	Lower	Upper
139	100		
109	543.0	23.9	35.9#
65	161.5	42.7	64.1#

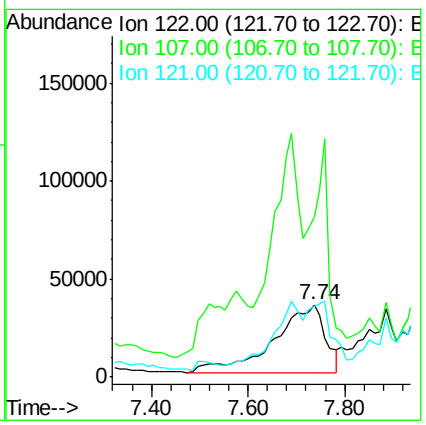


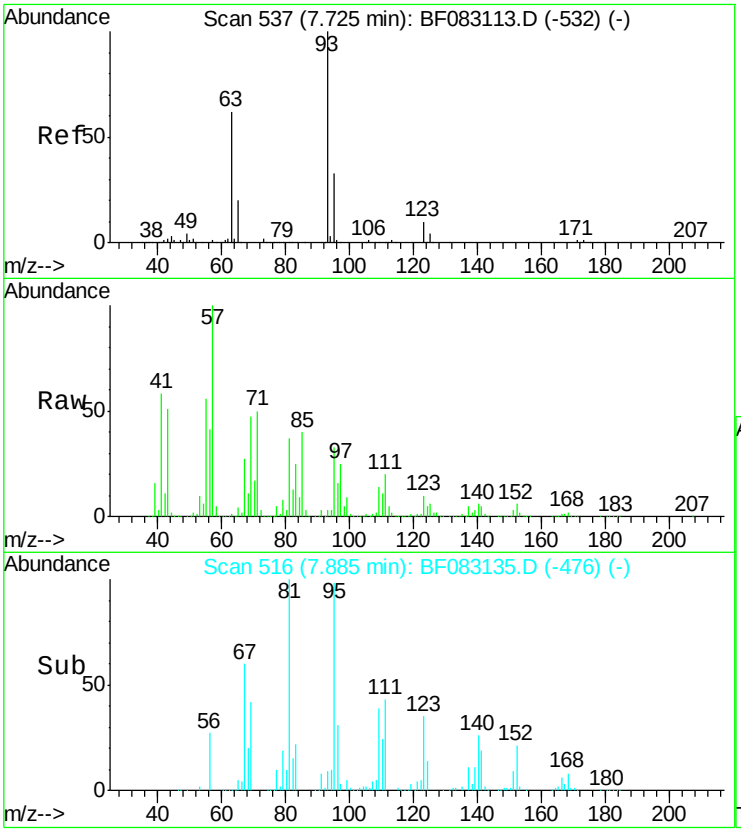


#27
2,4-Dimethylphenol
Concen: 34.19 ng
RT: 7.74 min Scan# 503
Delta R.T. 0.10 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Tgt Ion:122 Resp: 252912

Ion	Ratio	Lower	Upper
122	100		
107	220.5	101.1	151.7#
121	97.2	44.9	67.3#



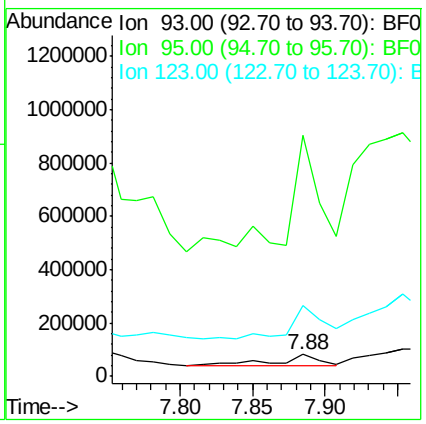


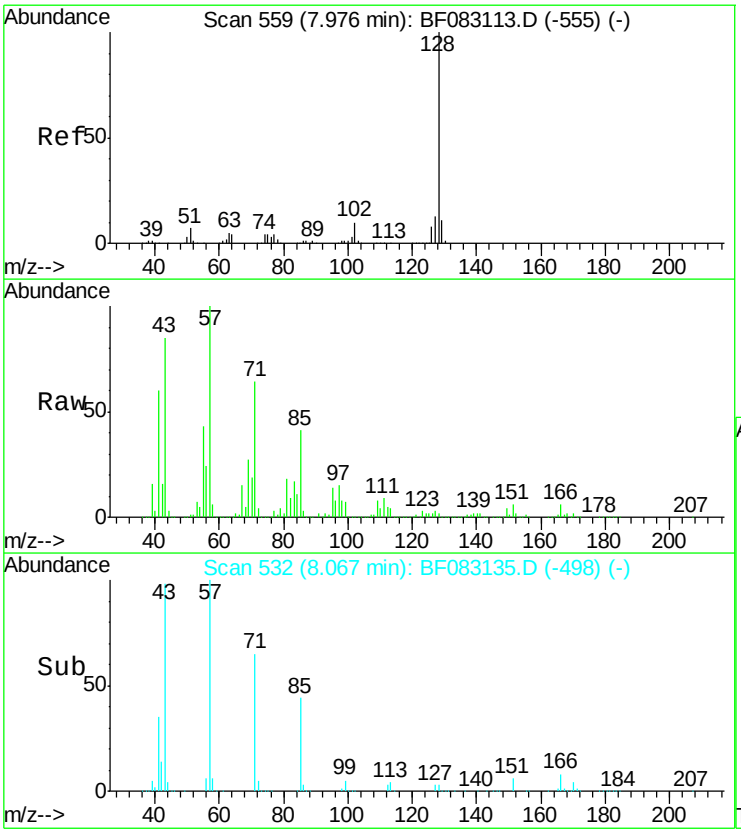
#28
bis(2-Chloroethoxy)methane
Concen: 8.49 ng
RT: 7.88 min Scan# 516
Delta R.T. 0.16 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Instrument :
BNA_F
ClientSampleId :
LAR-9865

Tgt Ion: 93 Resp: 91806

Ion	Ratio	Lower	Upper
93	100		
95	1103.9	26.5	39.7#
123	325.1	8.1	12.1#

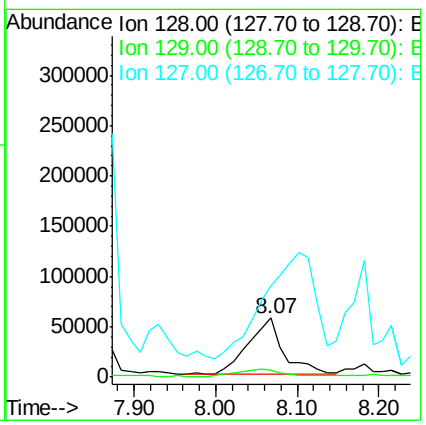


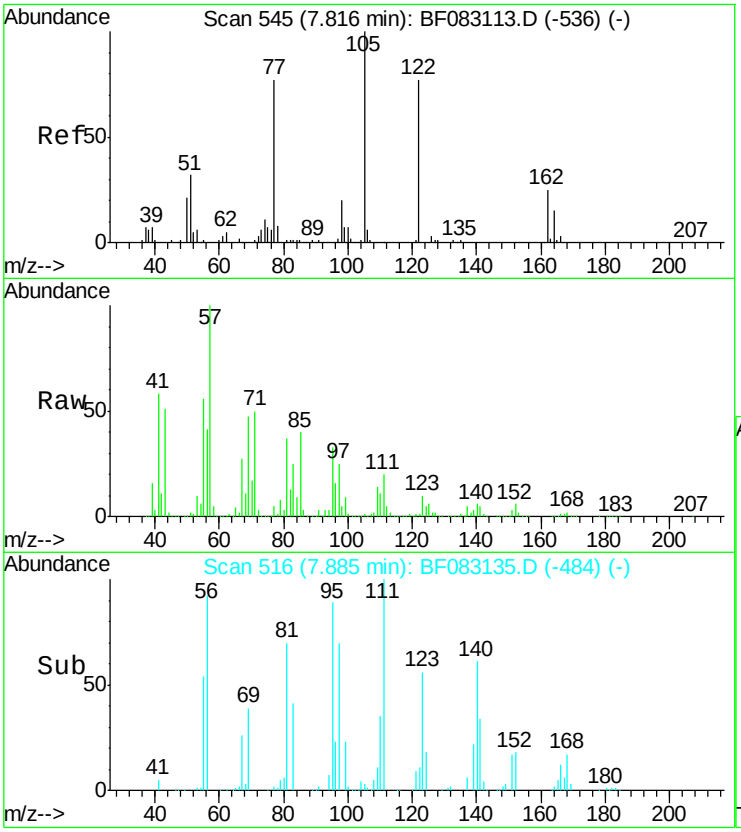


#31
Naphthalene
Concen: 7.08 ng
RT: 8.07 min Scan# 532
Delta R.T. 0.09 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Tgt Ion:128 Resp: 171657

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	155.4	10.6	15.8#



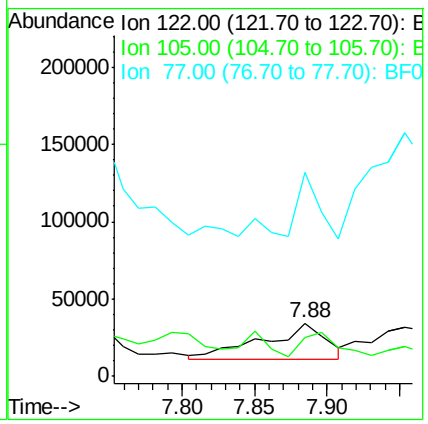


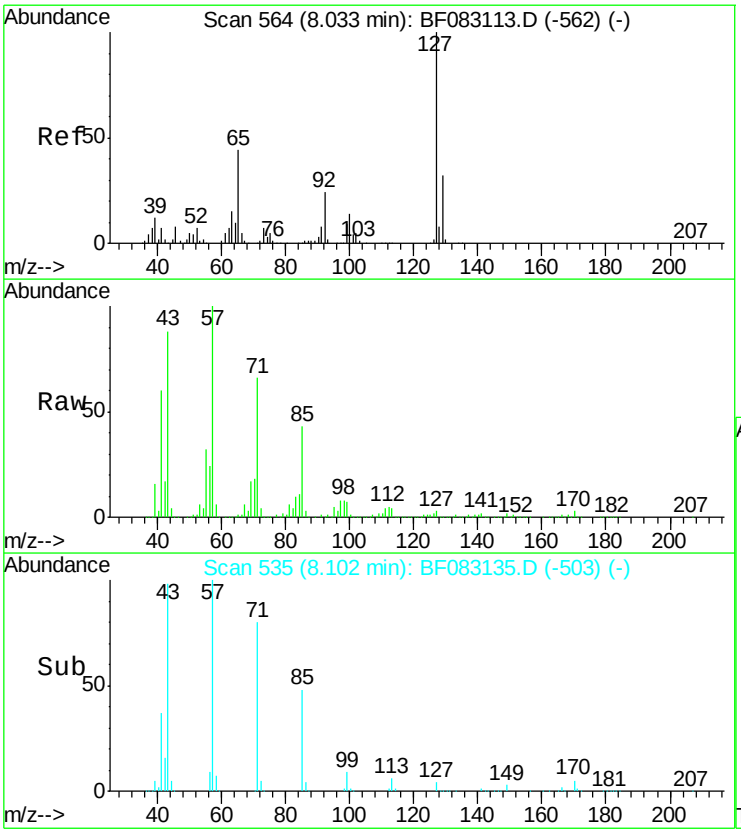
#32
Benzoic acid
Concen: 12.43 ng
RT: 7.88 min Scan# 516
Delta R.T. 0.07 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Instrument :
BNA_F
ClientSampleId :
LAR-9865

Tgt Ion:122 Resp: 71487

Ion	Ratio	Lower	Upper
122	100		
105	73.4	109.7	149.7#
77	382.8	79.7	119.7#

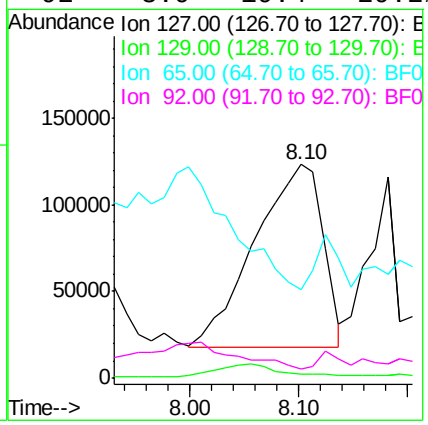


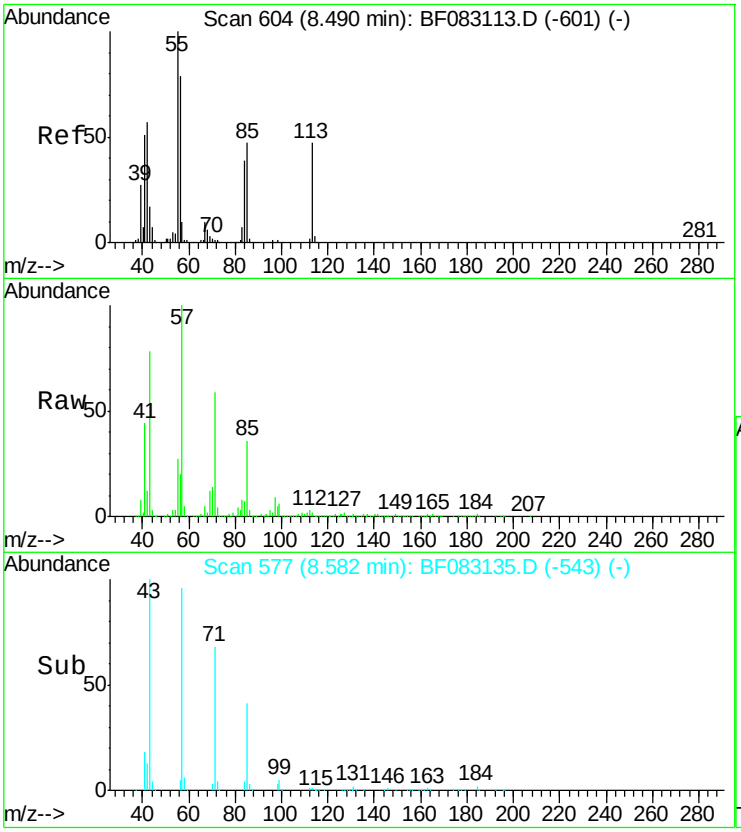


#33
4-Chloroaniline
Concen: 49.03 ng
RT: 8.10 min Scan# 535
Delta R.T. 0.07 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Tgt Ion:127 Resp: 460939

Ion	Ratio	Lower	Upper
127	100		
129	1.7	25.7	38.5#
65	41.6	35.5	53.3
92	3.9	19.4	29.2#



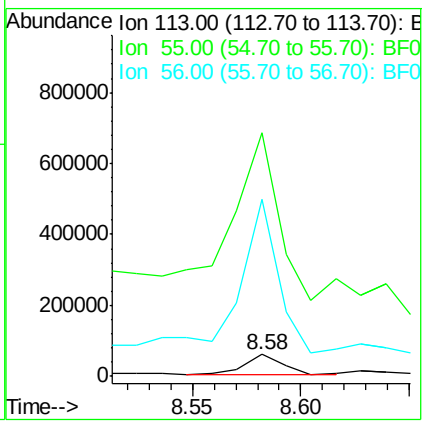


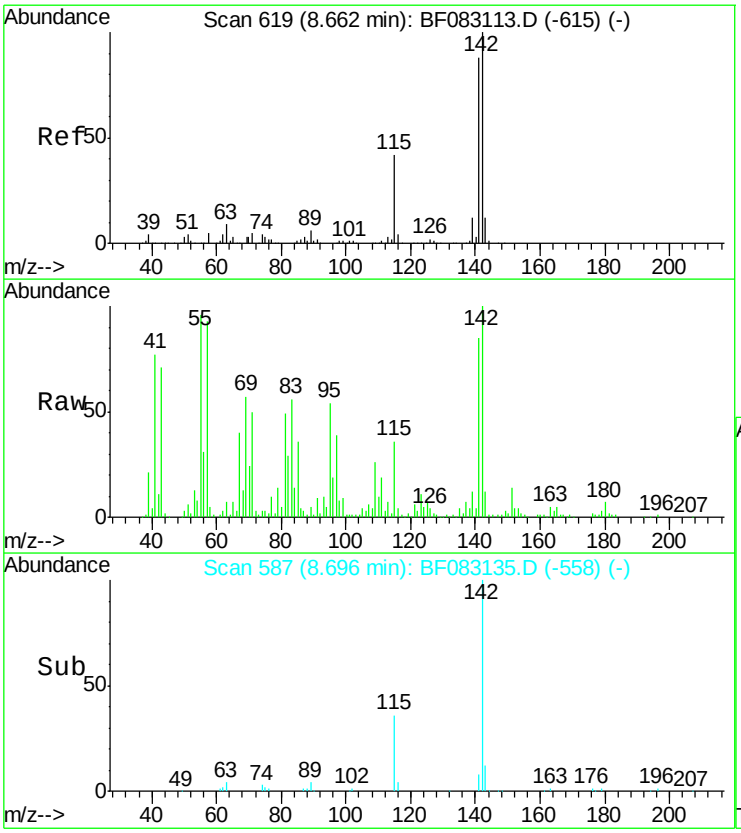
#35
Caprolactam
Concen: 28.87 ng
RT: 8.58 min Scan# 577
Delta R.T. 0.09 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Instrument :
BNA_F
ClientSampleId :
LAR-9865

Tgt Ion:113 Resp: 65103

Ion	Ratio	Lower	Upper
113	100		
55	1119.3	192.6	232.6#
56	811.3	148.6	188.6#

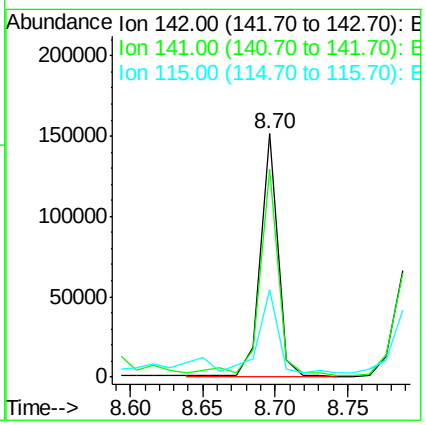


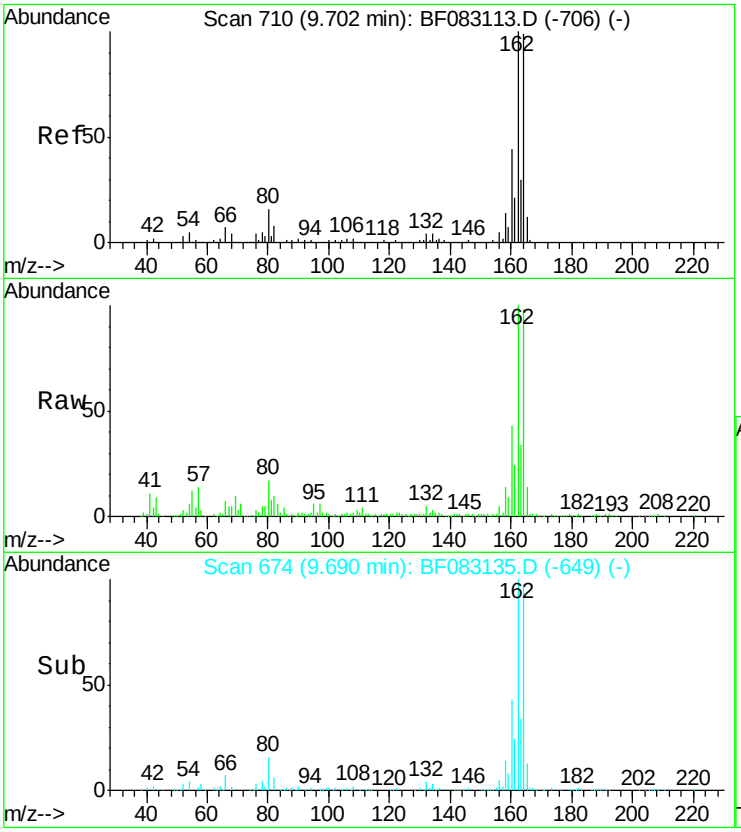


#37
2-Methylnaphthalene
Concen: 8.10 ng
RT: 8.70 min Scan# 587
Delta R.T. 0.03 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Tgt Ion:142 Resp: 127359

Ion	Ratio	Lower	Upper
142	100		
141	85.3	70.3	105.5
115	36.0	33.4	50.2



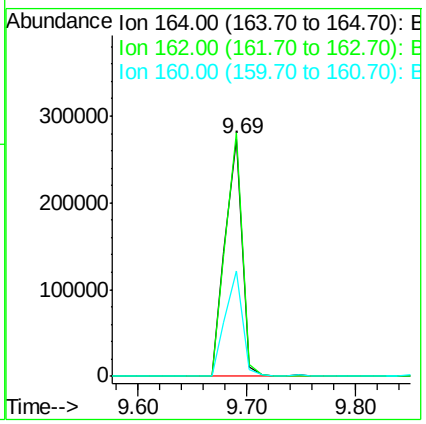


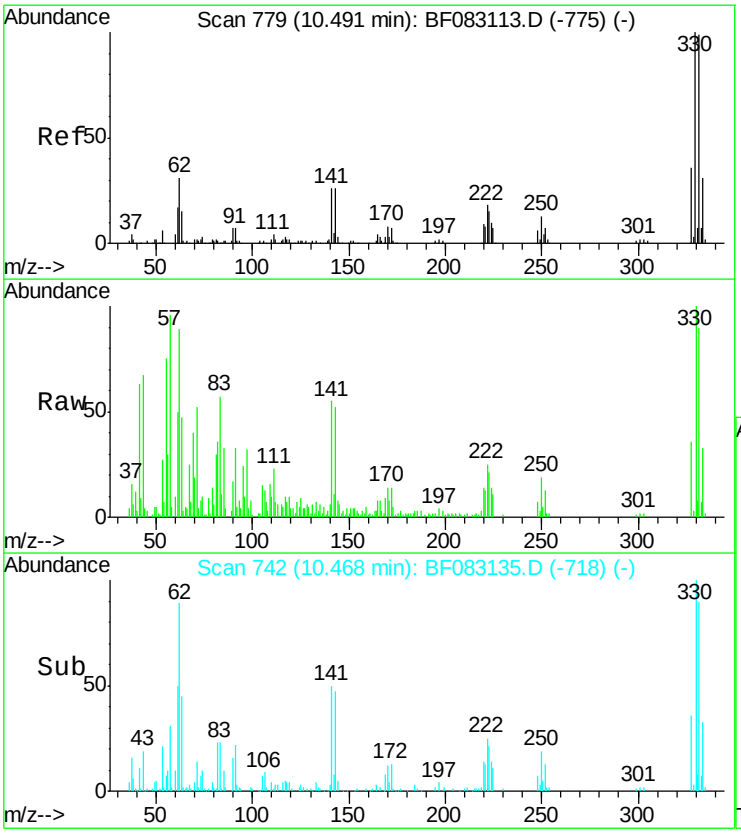
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Instrument :
BNA_F
ClientSampleId :
LAR-9865

Tgt Ion:164 Resp: 295673

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.2	121.8
160	44.2	35.6	53.4

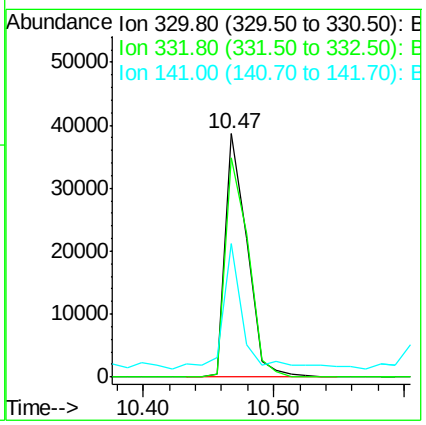


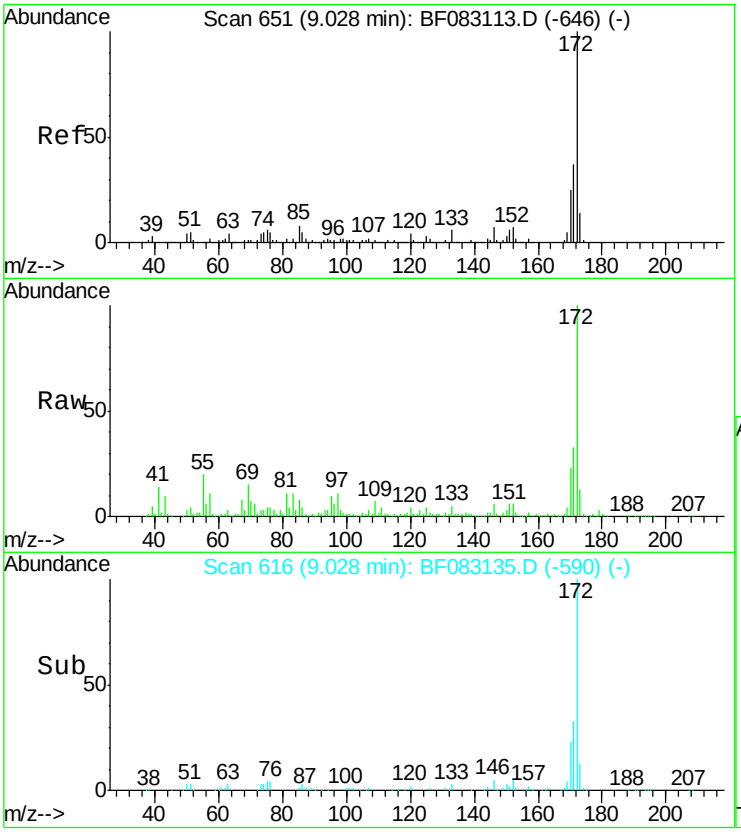


#41
2,4,6-Tribromophenol
Concen: 7.41 ng
RT: 10.47 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Tgt Ion:330 Resp: 44820

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.7	116.5
141	47.8	29.7	44.5#



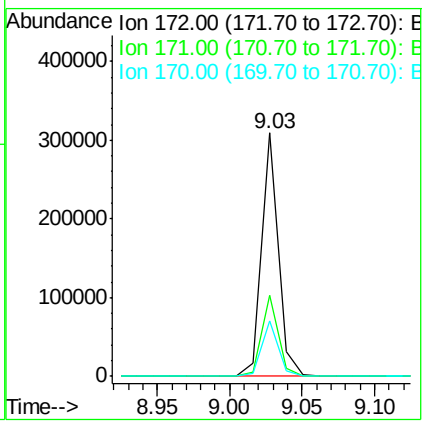


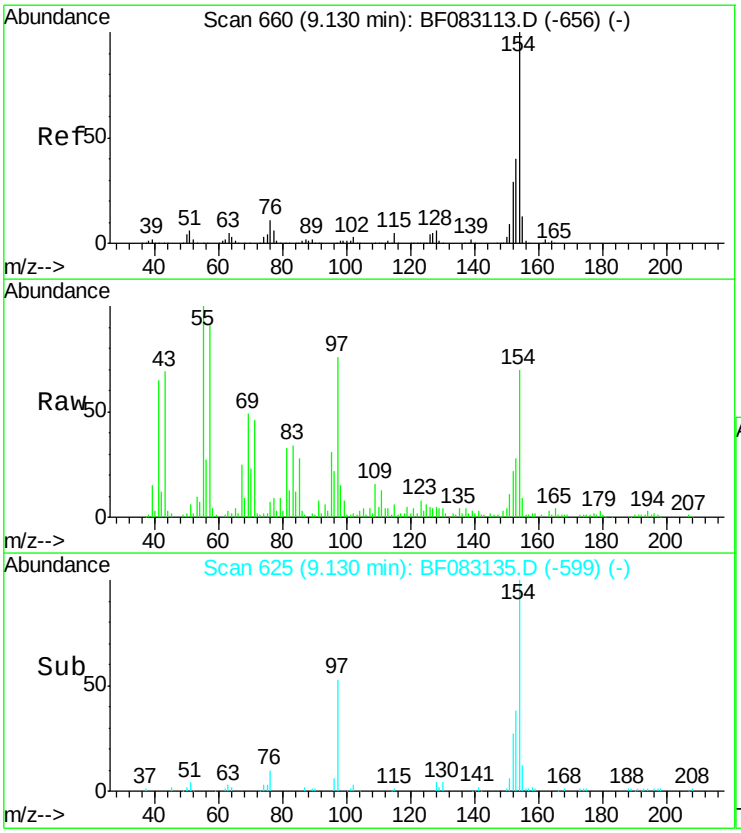
#44
2-Fluorobiphenyl
Concen: 5.82 ng
RT: 9.03 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Instrument :
BNA_F
ClientSampleId :
LAR-9865

Tgt Ion:172 Resp: 246899

Ion	Ratio	Lower	Upper
172	100		
171	33.2	29.5	44.3
170	22.6	19.9	29.9

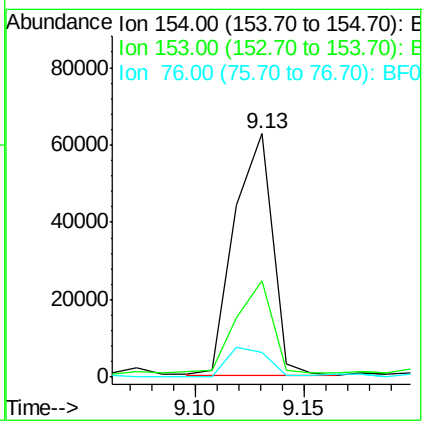


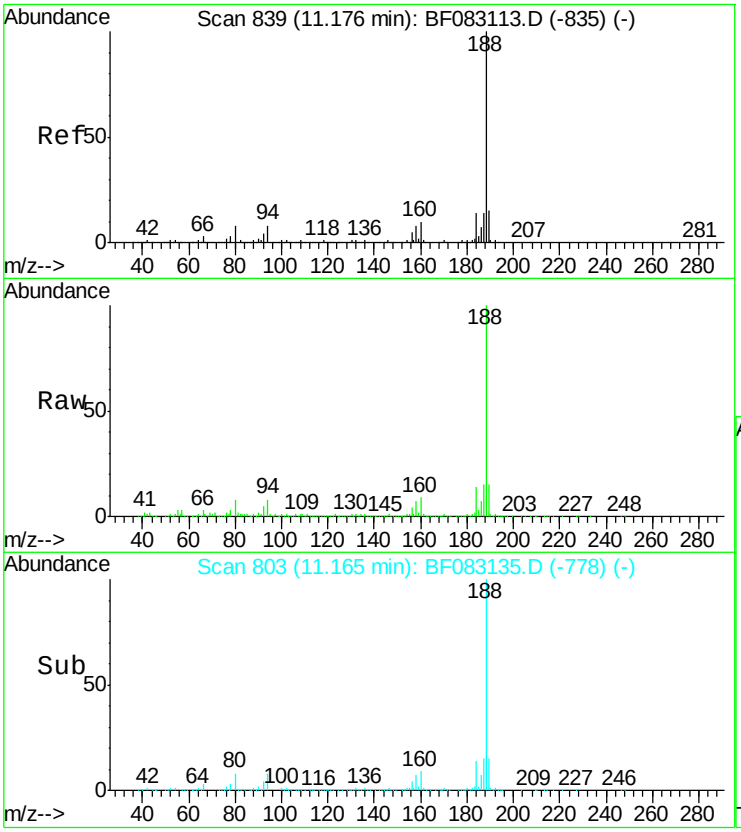


#45
1,1'-Biphenyl
Concen: 3.01 ng
RT: 9.13 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Tgt Ion:154 Resp: 75805

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.5	60.5
76	10.3	0.0	31.2



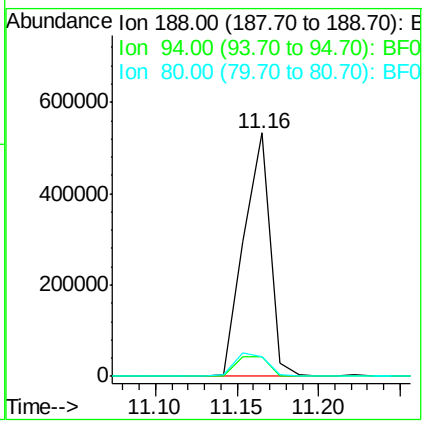


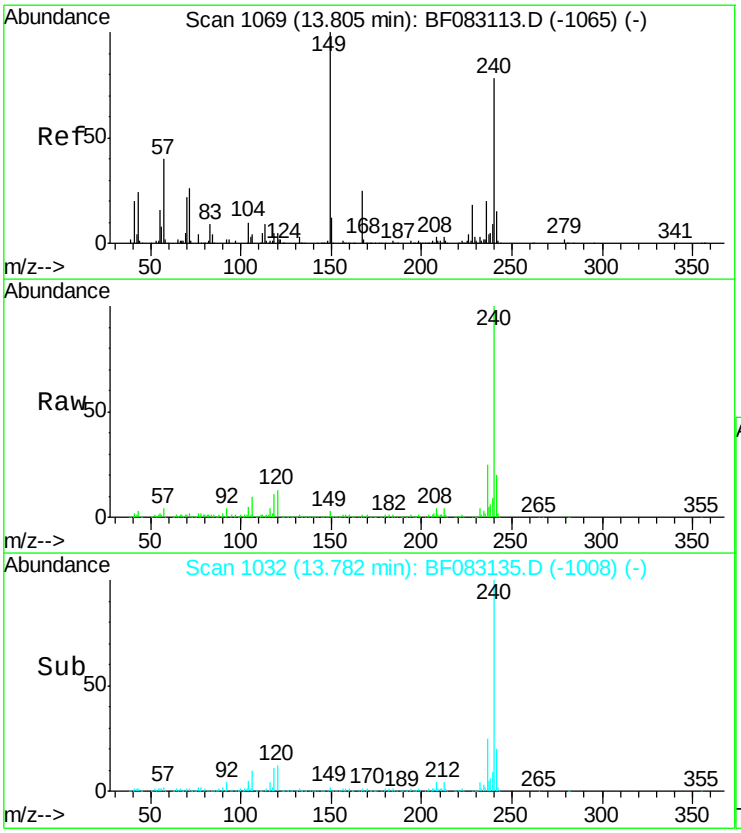
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Instrument :
BNA_F
ClientSampleId :
LAR-9865

Tgt Ion:188 Resp: 595149

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.0	9.0
80	8.0	6.7	10.1

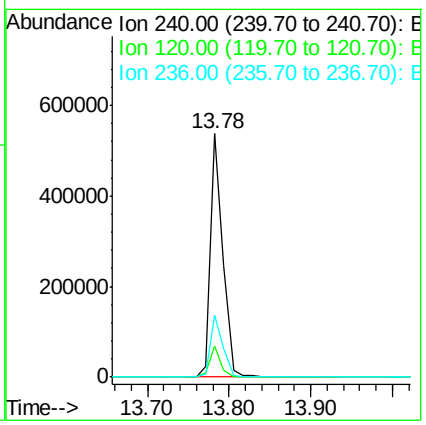


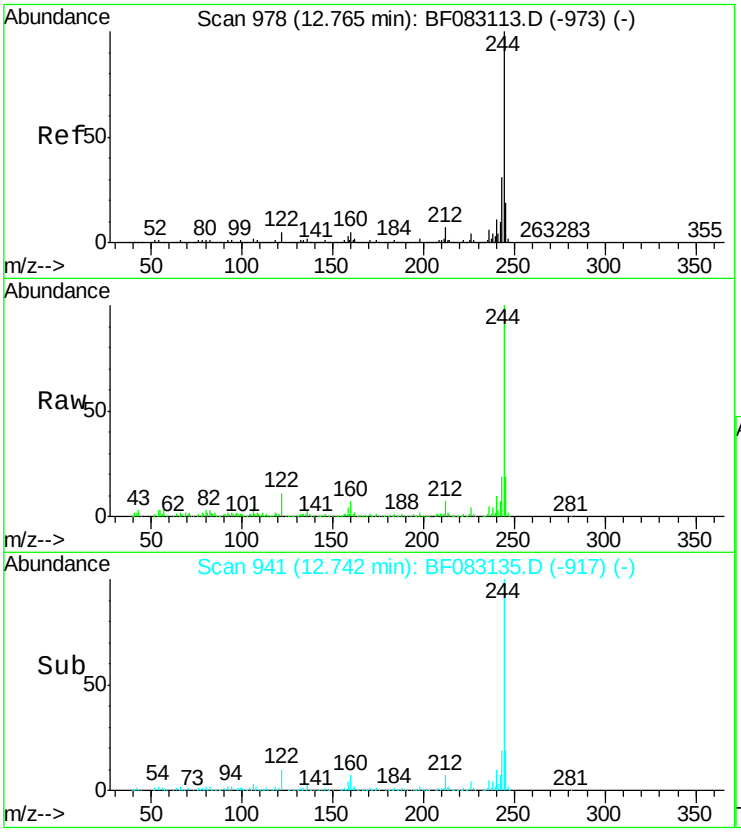


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Tgt Ion:240 Resp: 575509

Ion	Ratio	Lower	Upper
240	100		
120	12.6	5.4	8.2#
236	25.5	20.6	31.0



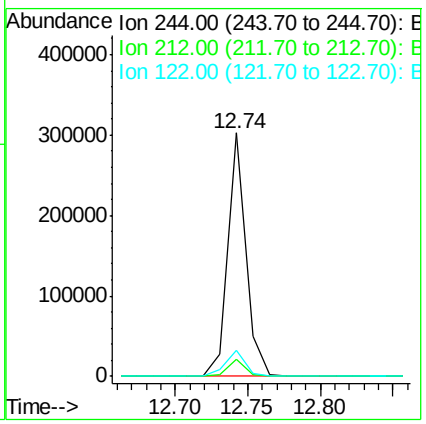


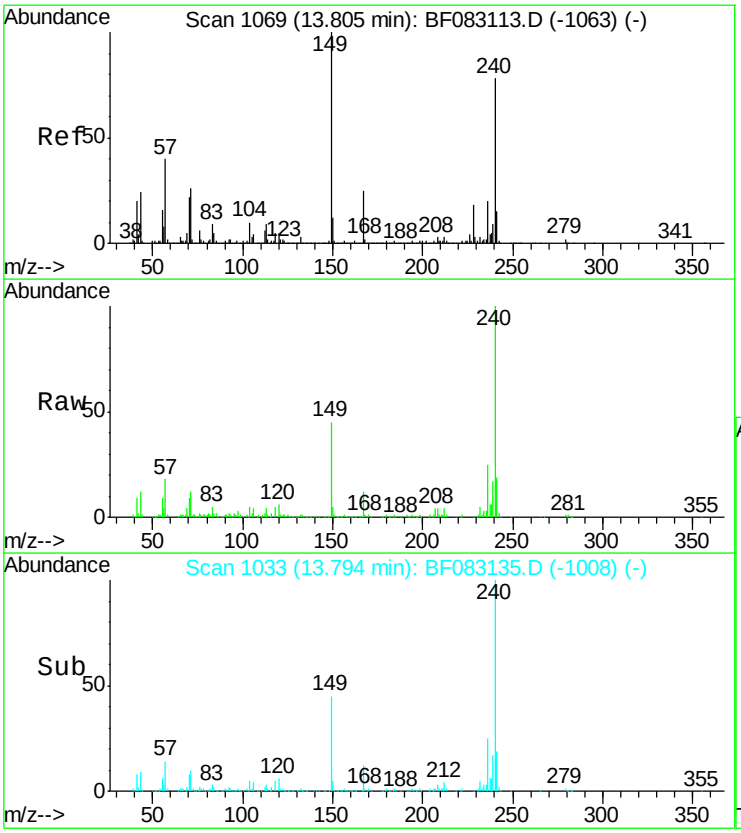
#78
Terphenyl-d14
Concen: 5.40 ng
RT: 12.74 min Scan# 941
Delta R.T. -0.02 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Instrument :
BNA_F
ClientSampleId :
LAR-9865

Tgt Ion:244 Resp: 263728

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	10.5	4.3	6.5#

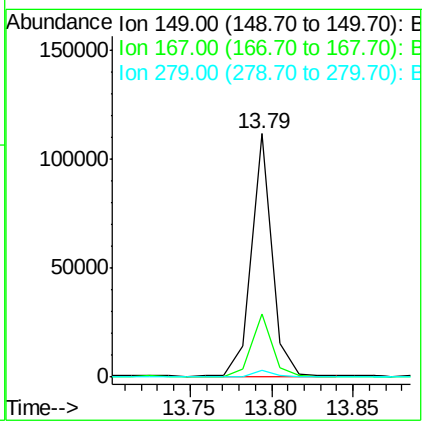


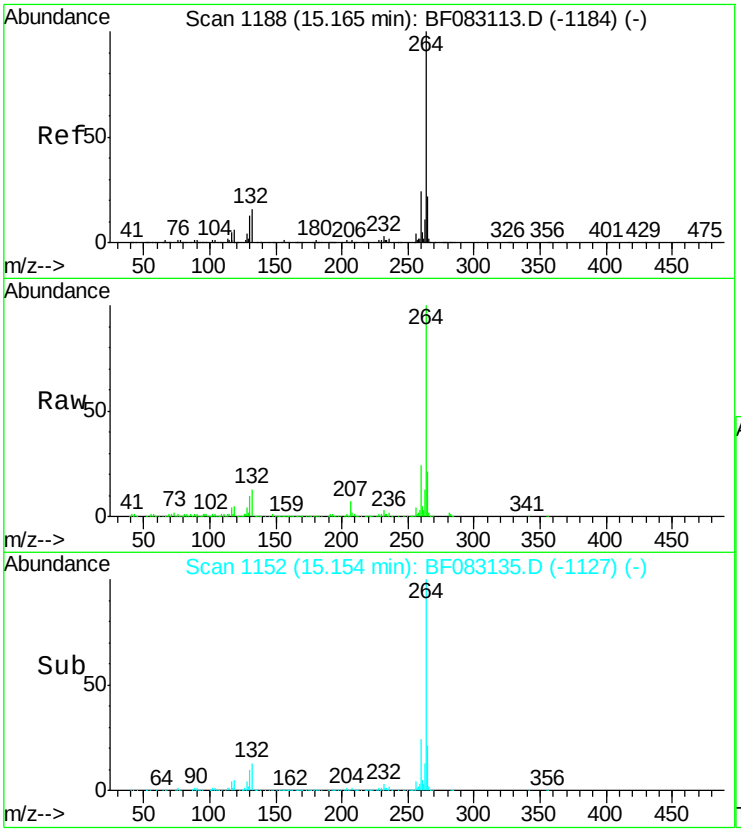


#83
Bis(2-ethylhexyl)phthalate
Concen: 4.00 ng
RT: 13.79 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Tgt Ion:149 Resp: 97191

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.1	30.1
279	2.9	1.7	2.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083135.D
Acq: 22 Nov 2015 3:33

Instrument :
BNA_F
ClientSampleId :
LAR-9865

Tgt Ion:264 Resp: 532429

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.2	18.2	27.4