Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082607.D
Acq On : 31 Oct 2015 8:19
Operator : UM/IZ
Sample : G4192-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYSDIS10282015

Quant Time: Nov 02 11:23:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	223181	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	909798	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	481226	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	857627	20.00	ng		0.00
75) Chrysene-d12	14.08	240	644768	20.00	ng		0.00
86) Perylene-d12	15.54	264	442258	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	484318	32.68	ng		0.00
7) Phenol-d6	6.53	99	424395	21.56	ng		0.00
23) Nitrobenzene-d5	7.47	82	1718694	77.14	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	470821	89.40	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	2708119	79.90	ng		0.00
78) Terphenyl-d14	13.03	244	2229966	75.69	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.57	93	2906809	106.05	ng		97
12) 1,3-Dichlorobenzene	6.84	146	44828	2.45	ng	#	89
13) 1,4-Dichlorobenzene	6.92	146	199678	11.01	ng		94
14) 1,2-Dichlorobenzene	7.08	146	566299	33.65	ng		98
24) Nitrobenzene	7.48	77	286627	12.73	ng	#	86
33) 4-Chloroaniline	8.24	127	226338	10.77	ng		95
49) Dimethylphthalate	9.66	163	139781	3.56	ng		98

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
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Acq On : 31 Oct 2015 8:19
Operator : UM/IZ
Sample : G4192-01
Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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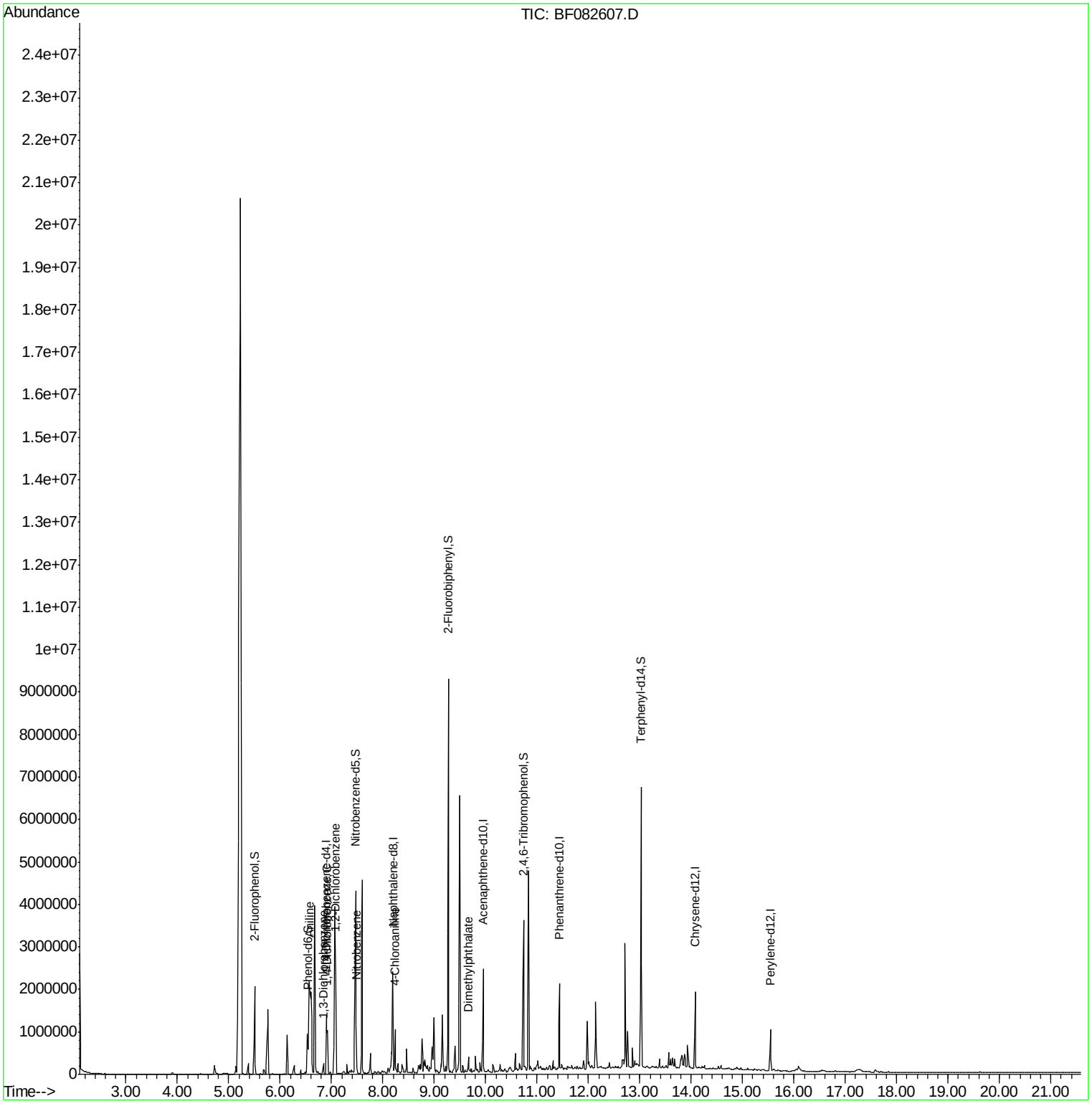
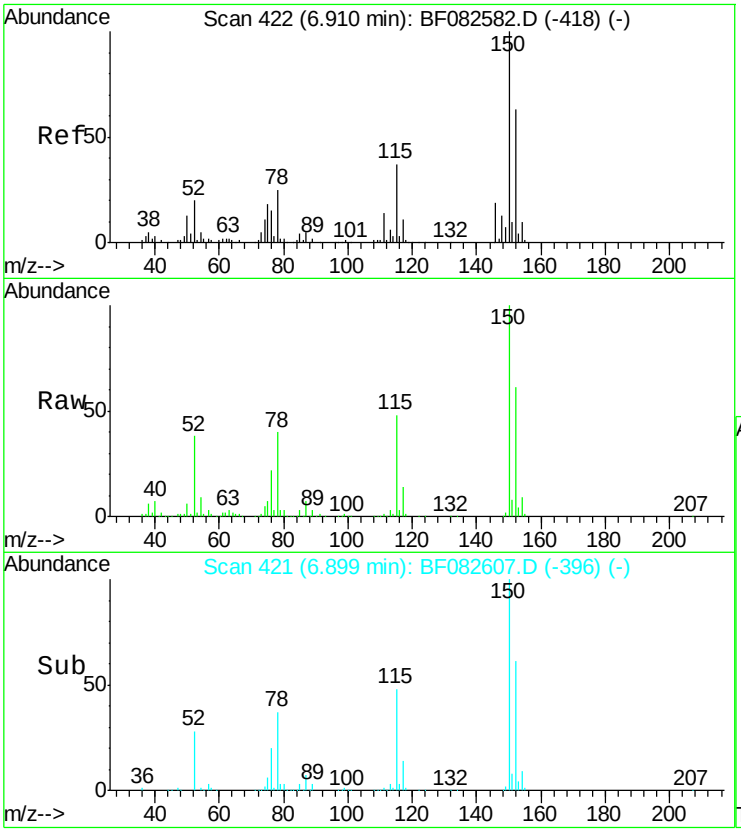


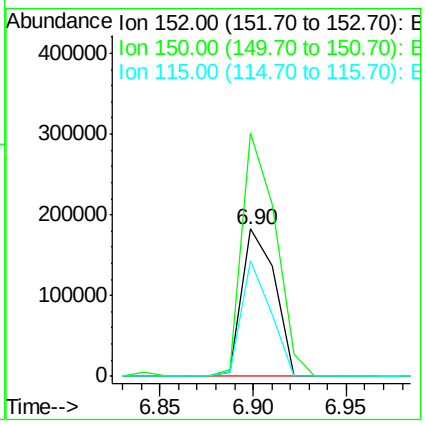


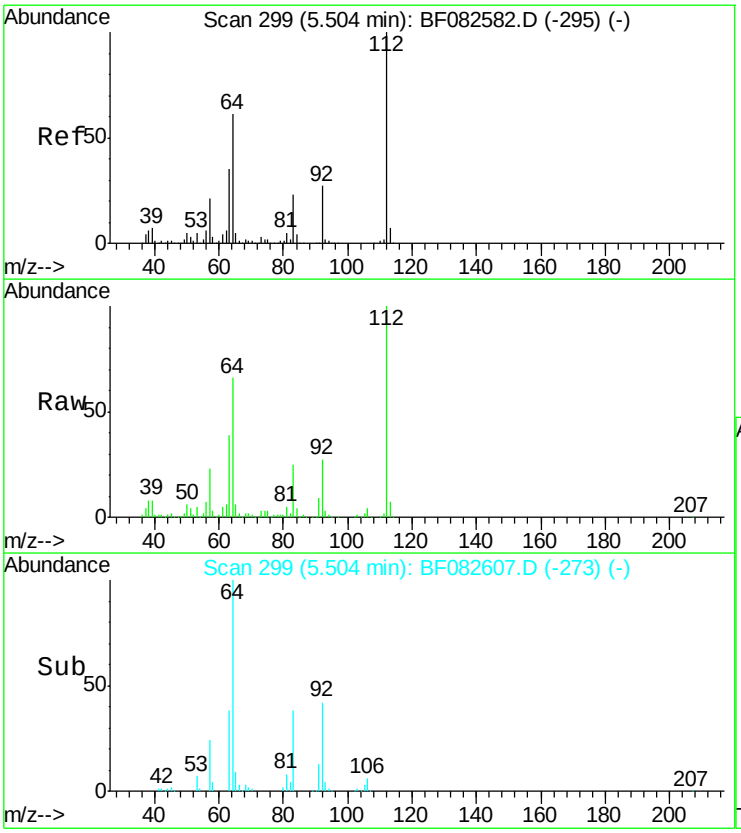
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF082607.D
Acq: 31 Oct 2015 8:19

Instrument :
BNA_F
ClientSampleId :
SYSDIS10282015

Tgt Ion:152 Resp: 223181

Ion	Ratio	Lower	Upper
152	100		
150	165.1	127.0	190.4
115	78.7	47.0	70.6#

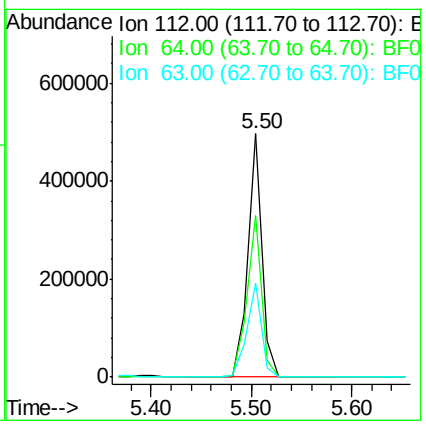


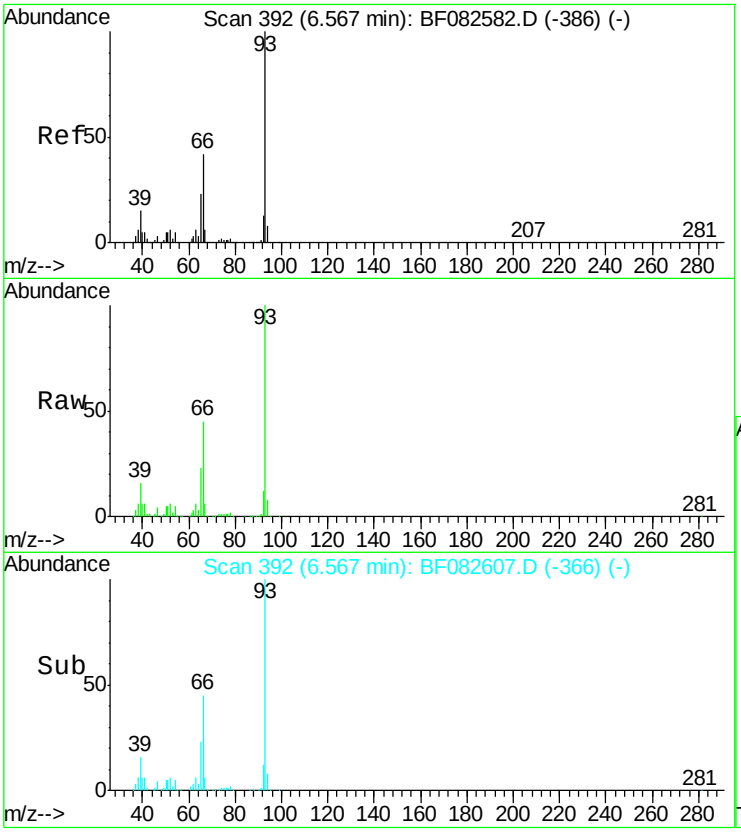


#5
2-Fluorophenol
Concen: 32.68 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.00 min
Lab File: BF082607.D
Acq: 31 Oct 2015 8:19

Tgt Ion:112 Resp: 484318

Ion	Ratio	Lower	Upper
112	100		
64	66.5	48.9	73.3
63	38.7	28.1	42.1



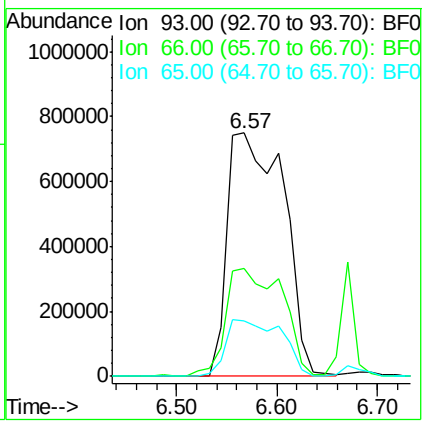


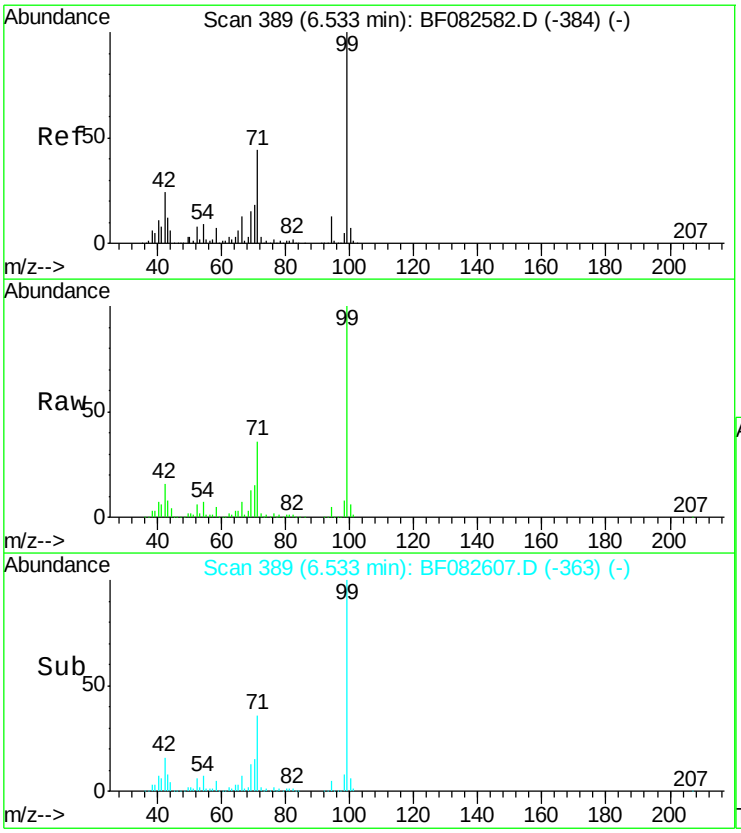
#6
Aniline
Concen: 106.05 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF082607.D
Acq: 31 Oct 2015 8:19

Instrument :
BNA_F
ClientSampleId :
SYSDIS10282015

Tgt Ion: 93 Resp: 2906809

Ion	Ratio	Lower	Upper
93	100		
66	44.5	33.6	50.4
65	22.7	18.1	27.1

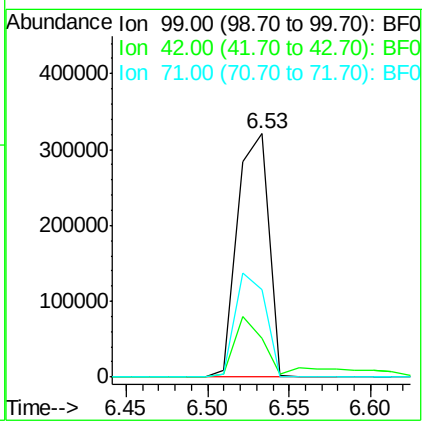


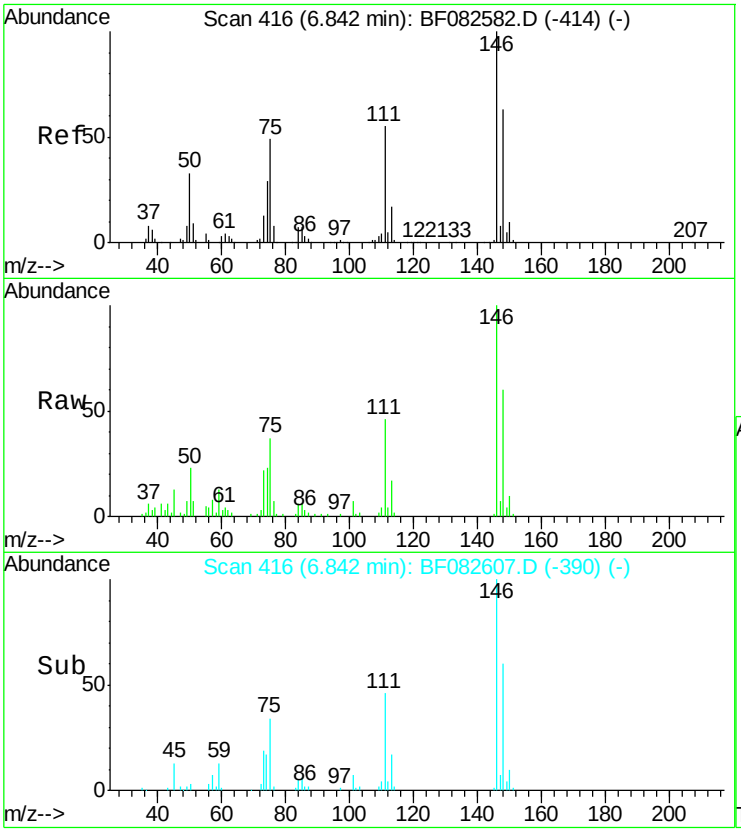


#7
Phenol-d6
Concen: 21.56 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF082607.D
Acq: 31 Oct 2015 8:19

Tgt Ion: 99 Resp: 424395

Ion	Ratio	Lower	Upper
99	100		
42	16.1	19.2	28.8#
71	35.7	35.0	52.4



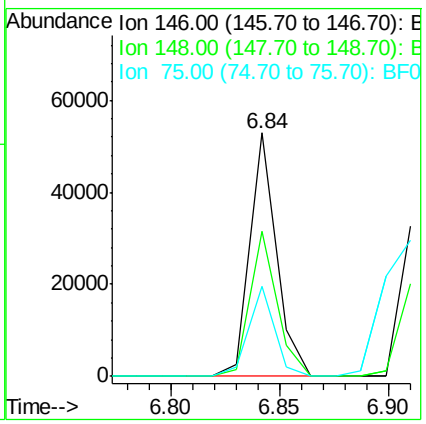


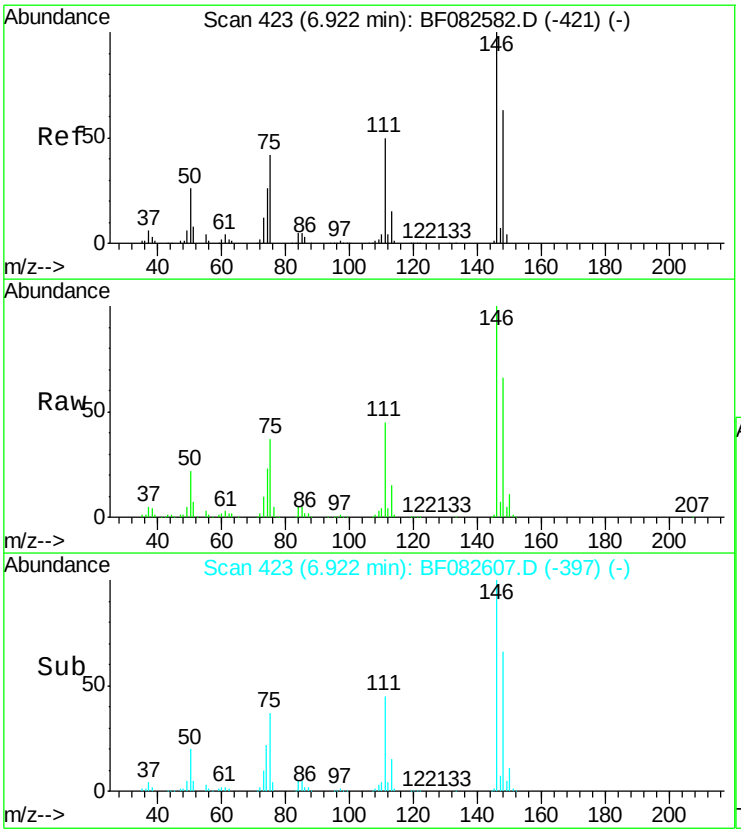
#12
1,3-Dichlorobenzene
Concen: 2.45 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF082607.D
Acq: 31 Oct 2015 8:19

Instrument :
BNA_F
ClientSampleId :
SYSDIS10282015

Tgt Ion:146 Resp: 44828

Ion	Ratio	Lower	Upper
146	100		
148	59.5	50.5	75.7
75	37.0	39.5	59.3#

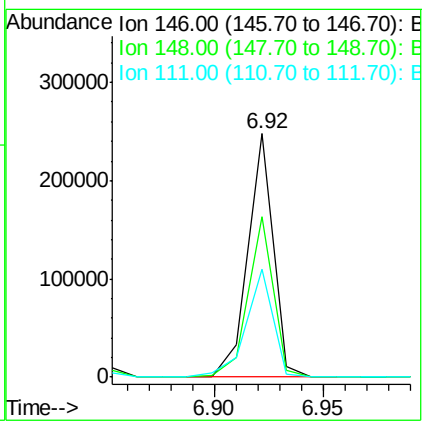


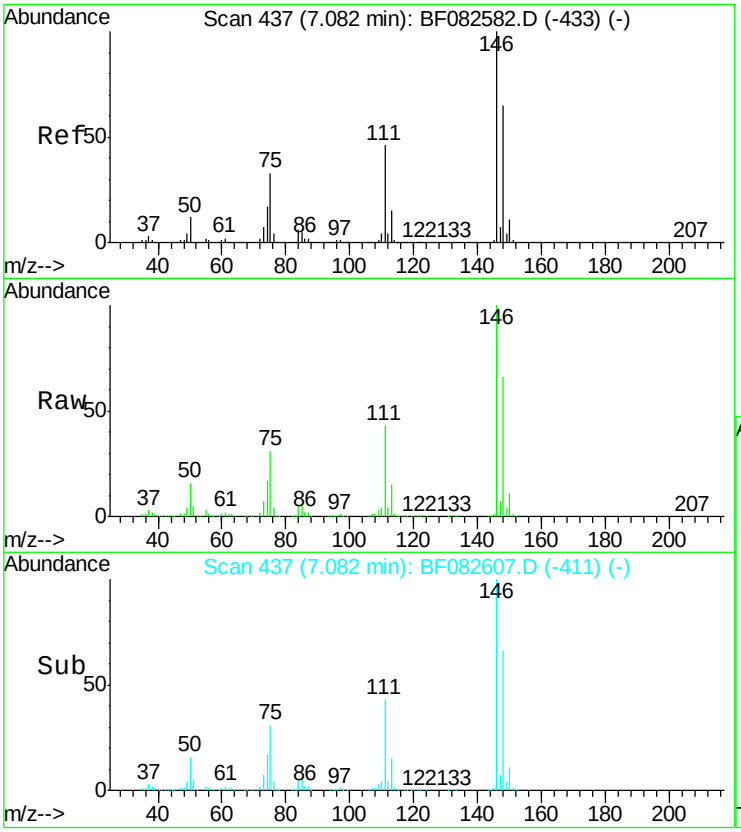


#13
1,4-Dichlorobenzene
Concen: 11.01 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF082607.D
Acq: 31 Oct 2015 8:19

Tgt Ion:146 Resp: 199678

Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.8	76.2
111	44.5	40.6	60.8



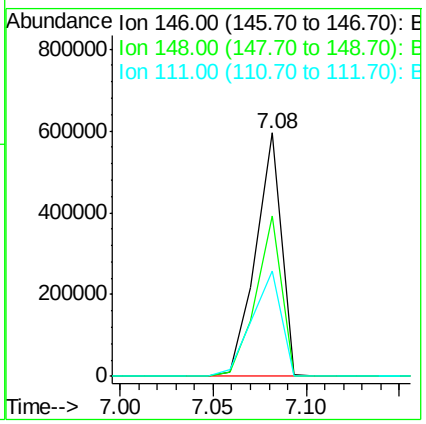


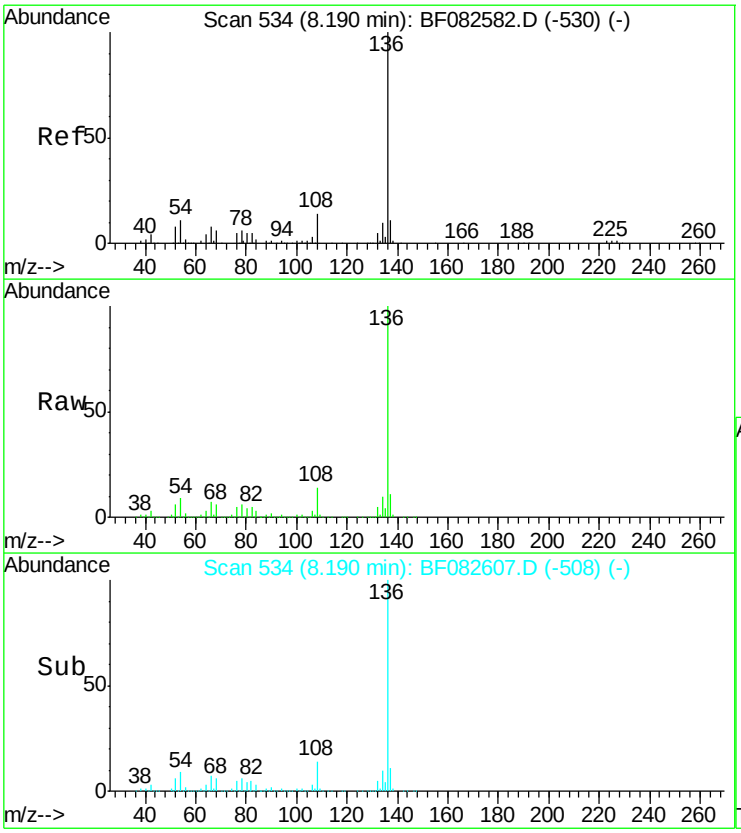
#14
1,2-Dichlorobenzene
Concen: 33.65 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF082607.D
Acq: 31 Oct 2015 8:19

Instrument :
BNA_F
ClientSampleId :
SYSDIS10282015

Tgt Ion:146 Resp: 566299

Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.2	78.4
111	43.4	36.6	55.0

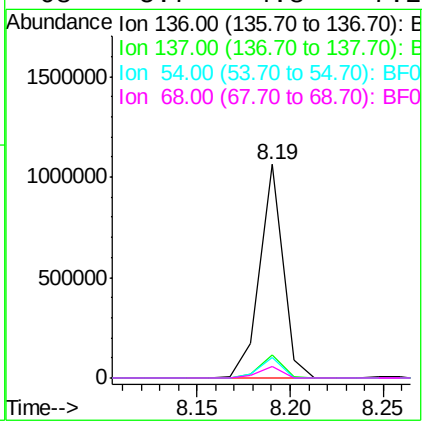


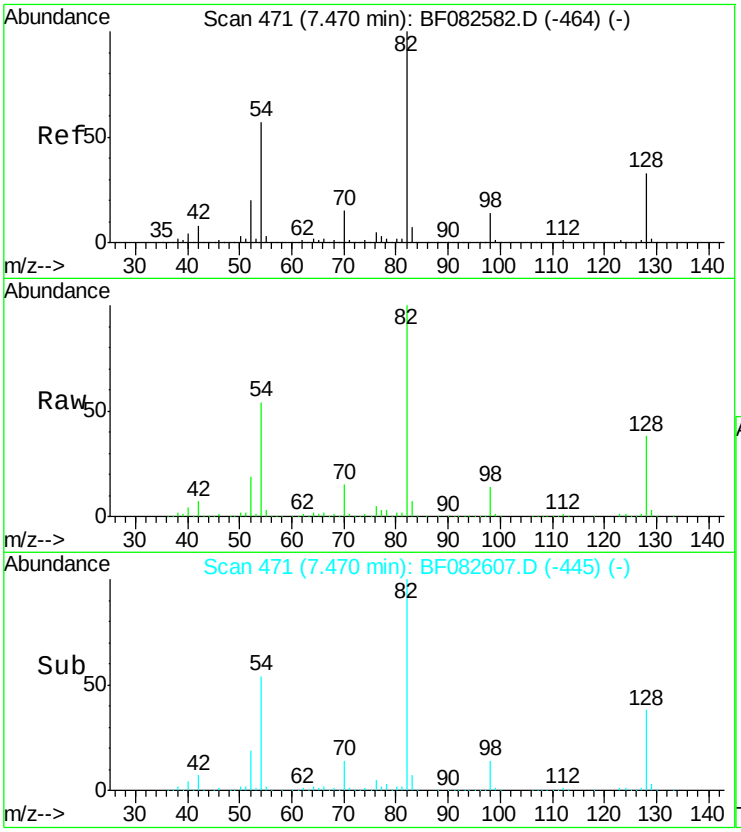


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF082607.D
Acq: 31 Oct 2015 8:19

Tgt Ion:136 Resp: 909798

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.4	9.1	13.7
68	5.7	4.8	7.2



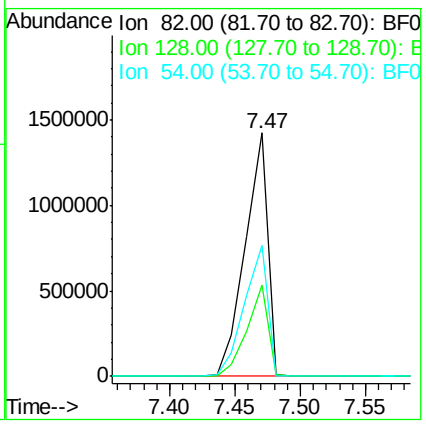


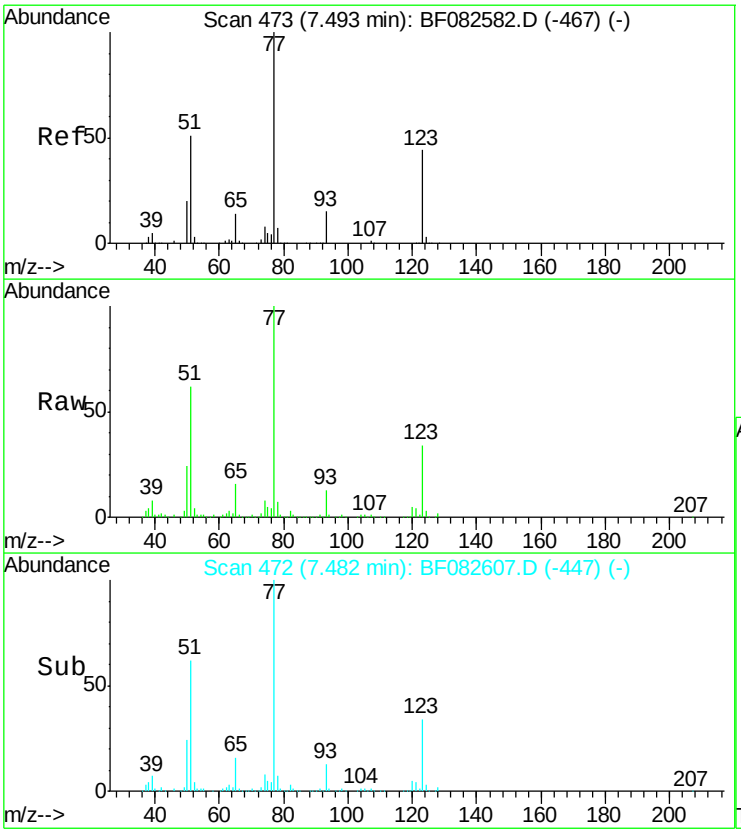
#23
Nitrobenzene-d5
Concen: 77.14 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF082607.D
Acq: 31 Oct 2015 8:19

Instrument :
BNA_F
ClientSampleId :
SYSDIS10282015

Tgt Ion: 82 Resp: 1718694

Ion	Ratio	Lower	Upper
82	100		
128	37.6	26.8	40.2
54	53.7	45.7	68.5

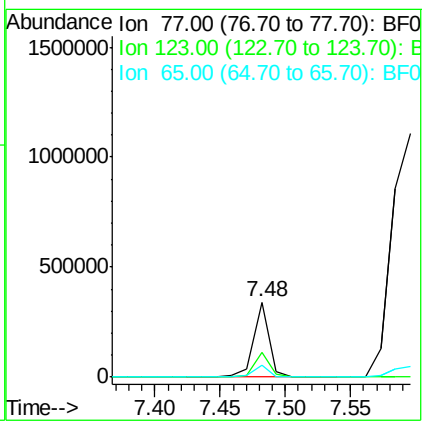


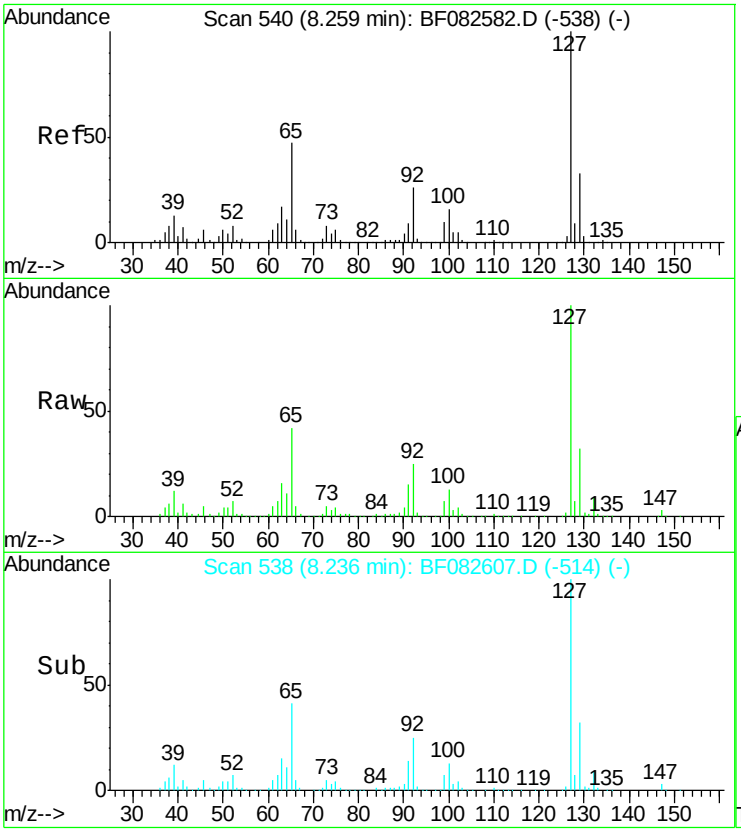


#24
Nitrobenzene
Concen: 12.73 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF082607.D
Acq: 31 Oct 2015 8:19

Tgt Ion: 77 Resp: 286627

Ion	Ratio	Lower	Upper
77	100		
123	33.6	36.4	54.6#
65	15.6	11.5	17.3



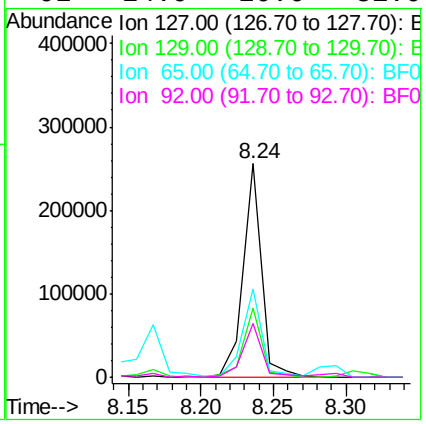


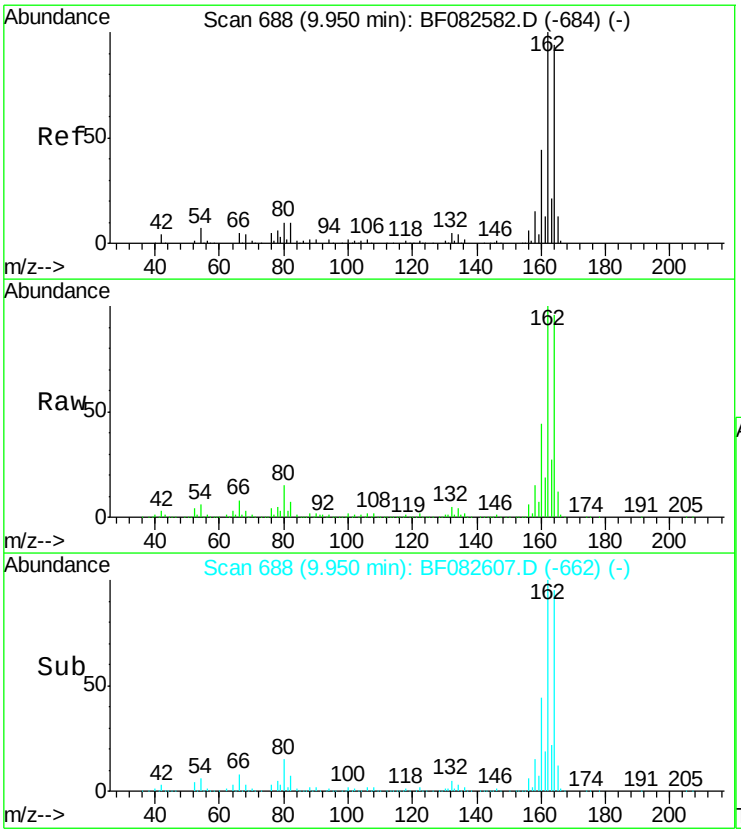
#33
4-Chloroaniline
Concen: 10.77 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF082607.D
Acq: 31 Oct 2015 8:19

Instrument :
BNA_F
ClientSampleId :
SYSDIS10282015

Tgt Ion:127 Resp: 226338

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	41.6	37.8	56.8
92	24.9	20.6	31.0

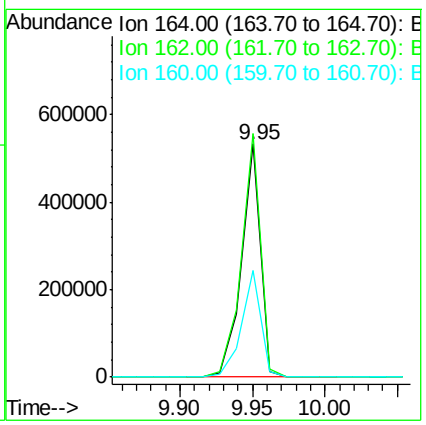


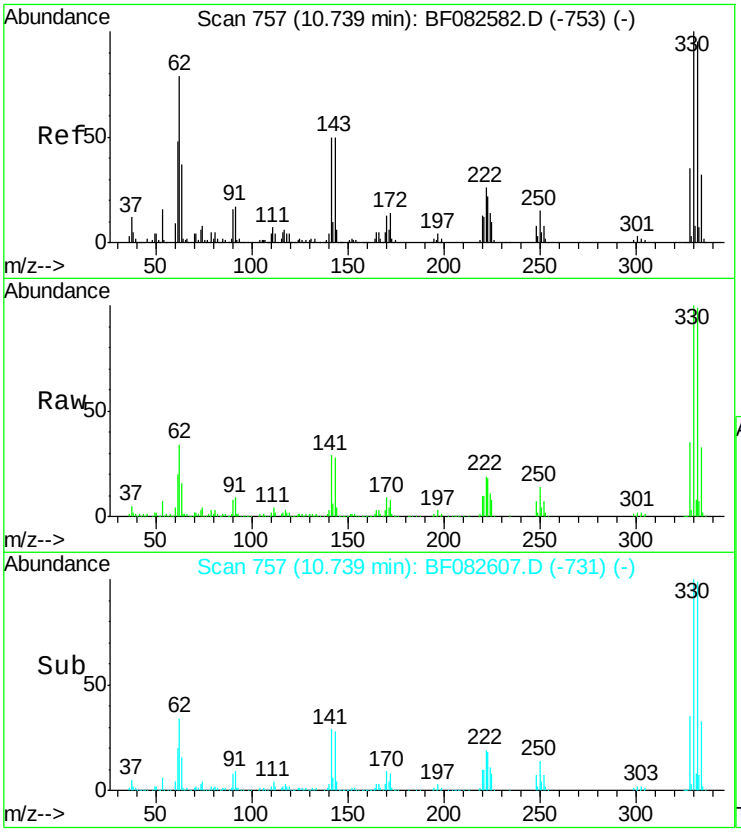


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF082607.D
Acq: 31 Oct 2015 8:19

Tgt Ion:164 Resp: 481226

Ion	Ratio	Lower	Upper
164	100		
162	104.3	84.9	127.3
160	45.9	37.5	56.3



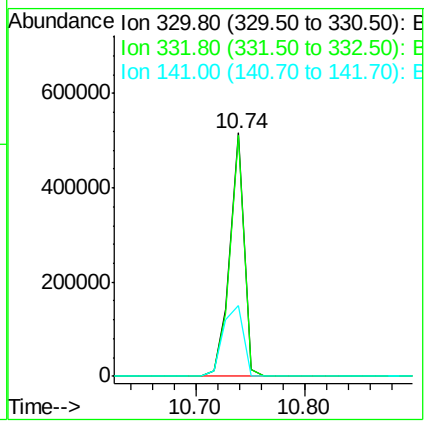


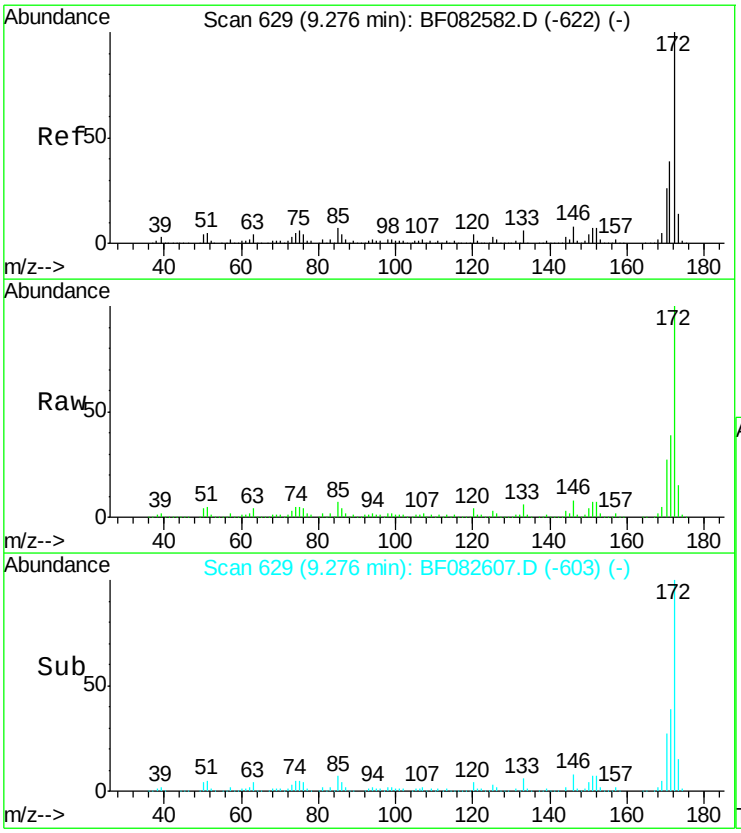
#41
2,4,6-Tribromophenol
Concen: 89.40 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF082607.D
Acq: 31 Oct 2015 8:19

Instrument :
BNA_F
ClientSampleId :
SYSDIS10282015

Tgt Ion:330 Resp: 470821

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.6	114.8
141	42.6	41.2	61.8

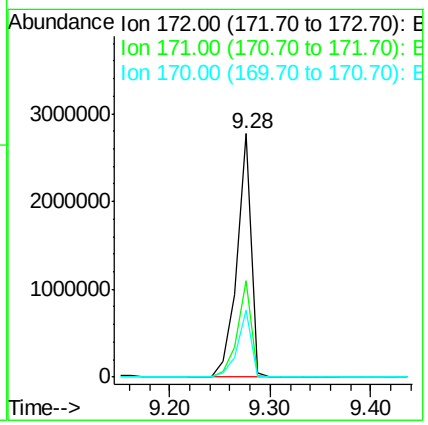


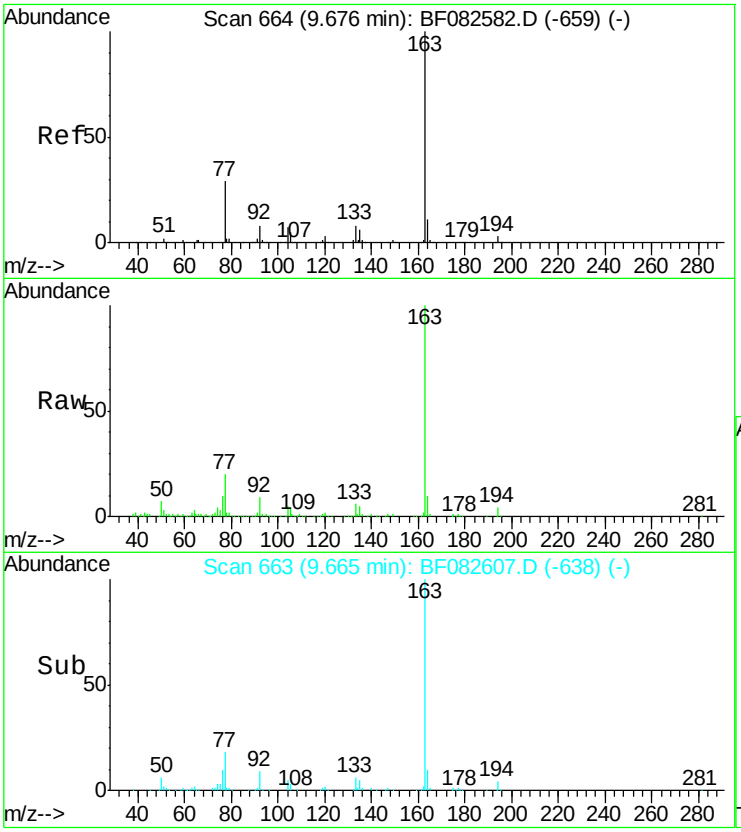


#44
2-Fluorobiphenyl
Concen: 79.90 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.00 min
Lab File: BF082607.D
Acq: 31 Oct 2015 8:19

Tgt Ion:172 Resp: 2708119

Ion	Ratio	Lower	Upper
172	100		
171	39.4	30.8	46.2
170	27.4	21.2	31.8



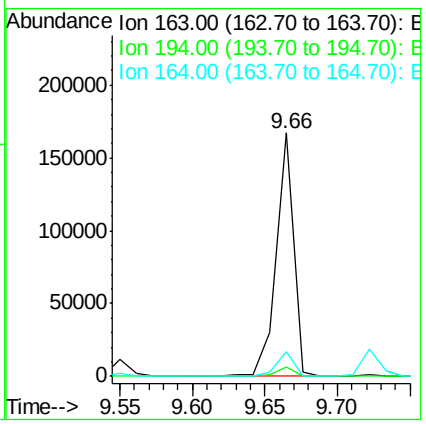


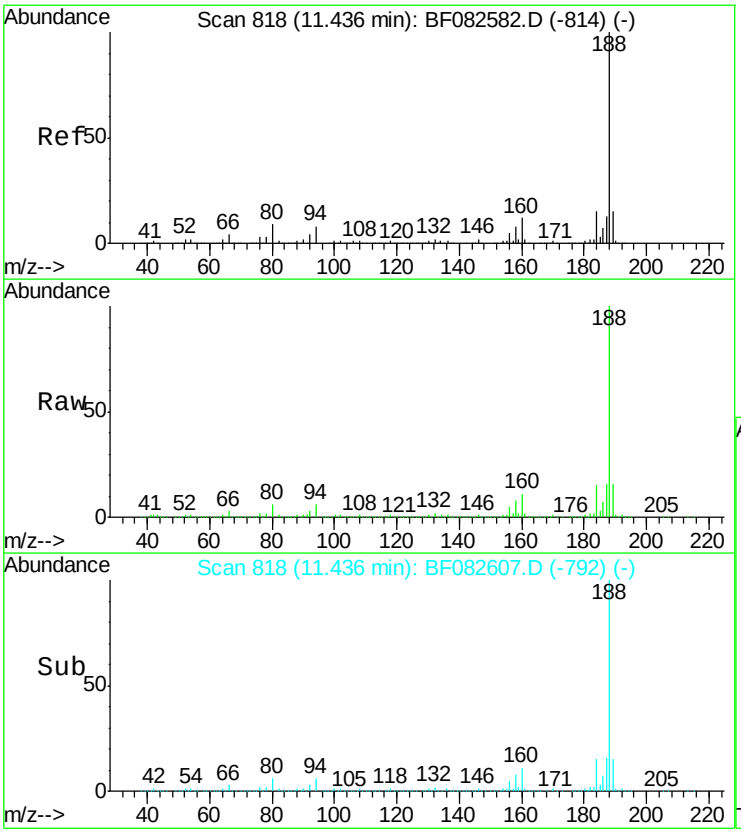
#49
Dimethylphthalate
Concen: 3.56 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF082607.D
Acq: 31 Oct 2015 8:19

Instrument :
BNA_F
ClientSampleId :
SYSDIS10282015

Tgt Ion:163 Resp: 139781

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.3	8.7	13.1

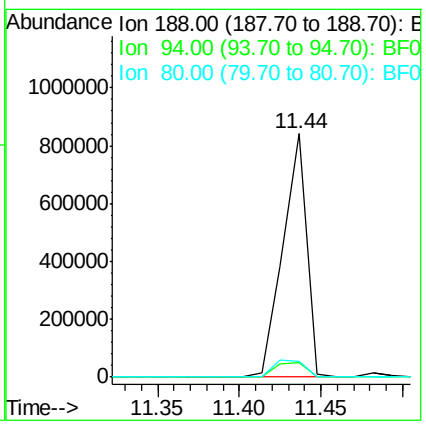


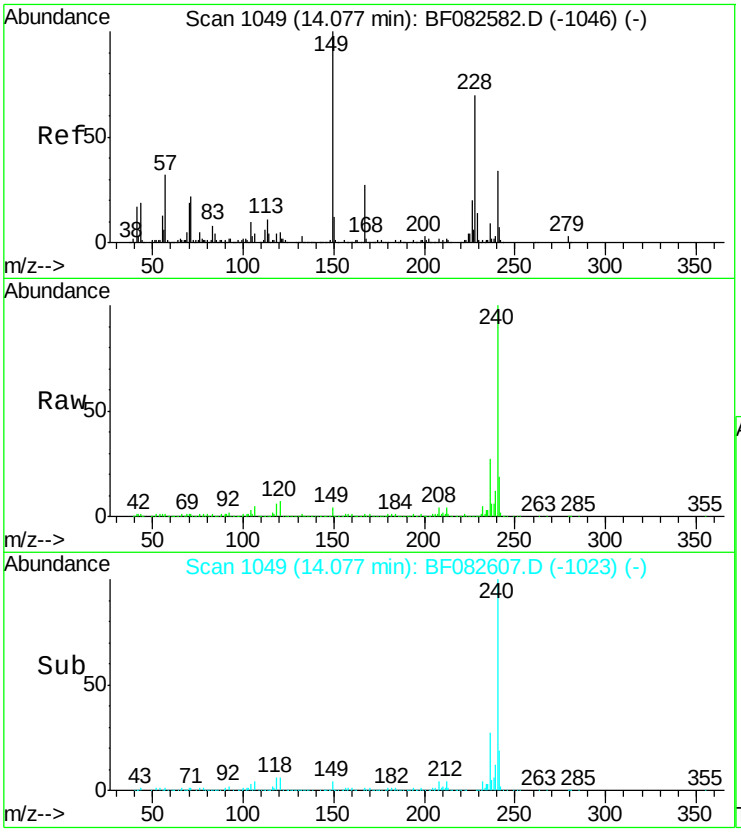


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF082607.D
Acq: 31 Oct 2015 8:19

Tgt Ion:188 Resp: 857627

Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.1	9.1#
80	6.3	7.0	10.6#



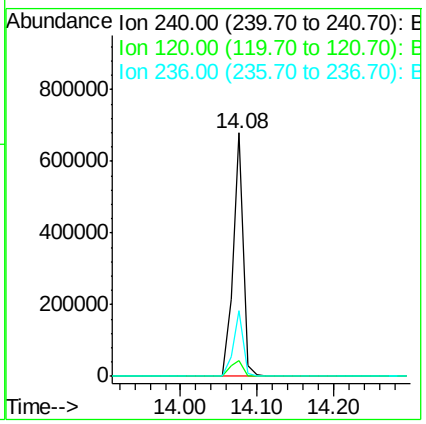


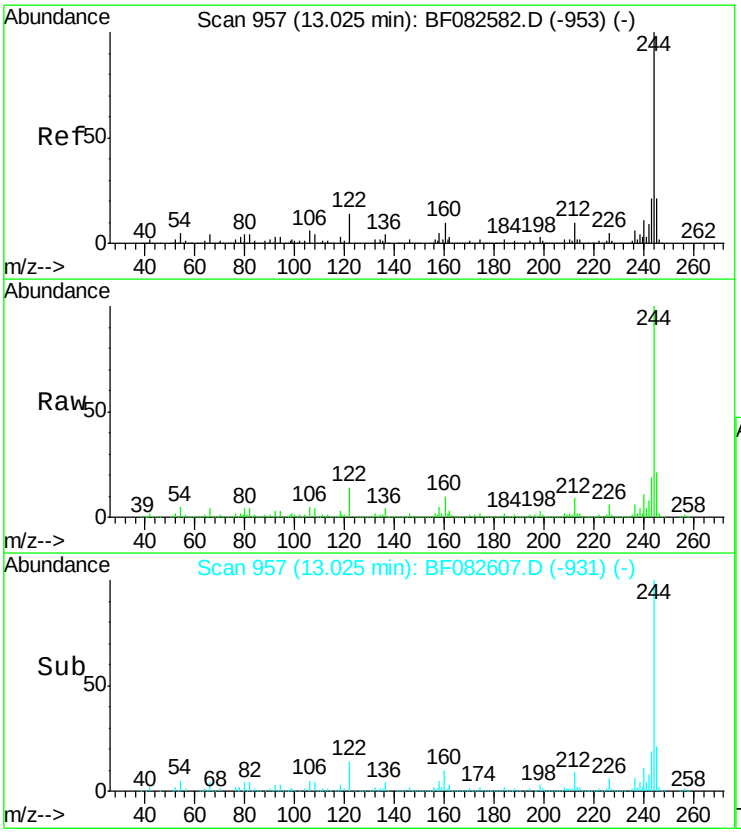
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF082607.D
Acq: 31 Oct 2015 8:19

Instrument :
BNA_F
ClientSampleId :
SYSDIS10282015

Tgt Ion:240 Resp: 644768

Ion	Ratio	Lower	Upper
240	100		
120	6.5	10.9	16.3#
236	26.9	21.6	32.4

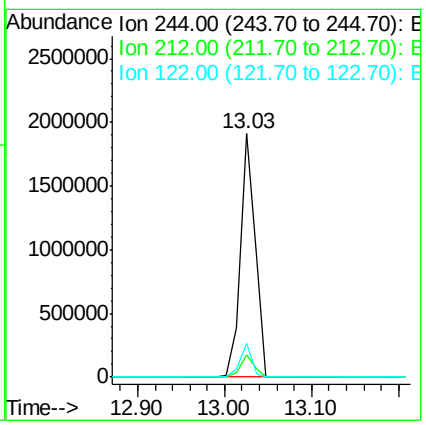


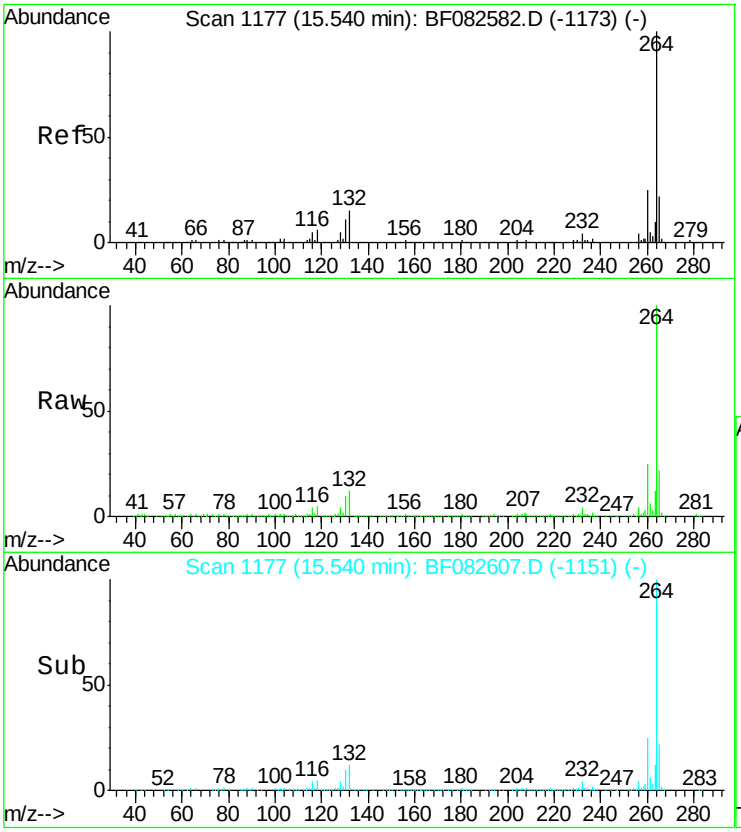


#78
Terphenyl-d14
Concen: 75.69 ng
RT: 13.03 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF082607.D
Acq: 31 Oct 2015 8:19

Tgt Ion:244 Resp: 2229966

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.6	11.4
122	13.7	11.3	16.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF082607.D
Acq: 31 Oct 2015 8:19

Instrument :
BNA_F
ClientSampleId :
SYSDIS10282015

Tgt Ion:264 Resp: 442258

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.6
265	21.6	17.4	26.0