Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
Data File : BF084129.D
Acq On : 25 Dec 2015 14:59
Operator : UM/SJ
Sample : G4884-01DL 50X
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYSDIS-121715DL

Quant Time: Dec 26 00:38:18 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	46087	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	166525	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	81999	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	141946	20.00	ng		0.00
75) Chrysene-d12	13.95	240	99246	20.00	ng		-0.01
86) Perylene-d12	15.38	264	88871	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1338	0.49	ng		0.05
7) Phenol-d6	6.49	99	1512	0.45	ng		0.03
23) Nitrobenzene-d5	7.37	82	5658	1.99	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	1079	1.23	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	14579	2.43	ng		0.00
78) Terphenyl-d14	12.90	244	12204	2.23	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.46	93	526634	123.86	ng	#	79
9) Benzaldehyde	6.46	77	6208	3.45	ng	#	1
10) Phenol	6.46	94	38076	9.90	ng	#	1
11) bis(2-Chloroethyl)ether	6.46	93	526634	189.83	ng	#	30
12) 1,3-Dichlorobenzene	6.82	146	9625	2.61	ng		92
13) 1,4-Dichlorobenzene	6.97	146	18173	4.90	ng		97
14) 1,2-Dichlorobenzene	6.97	146	18173	5.32	ng		99
50) 2,6-Dinitrotoluene	9.84	165	10242	7.10	ng	#	35
56) 2,4-Dinitrotoluene	9.84	165	10242	5.38	ng	#	20
74) Fluoranthene	12.55	202	206	Below Cal			63

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
Data File : BF084129.D
Acq On : 25 Dec 2015 14:59
Operator : UM/SJ
Sample : G4884-01DL 50X
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SYSDIS-121715DL

Quant Time: Dec 26 00:38:18 2015
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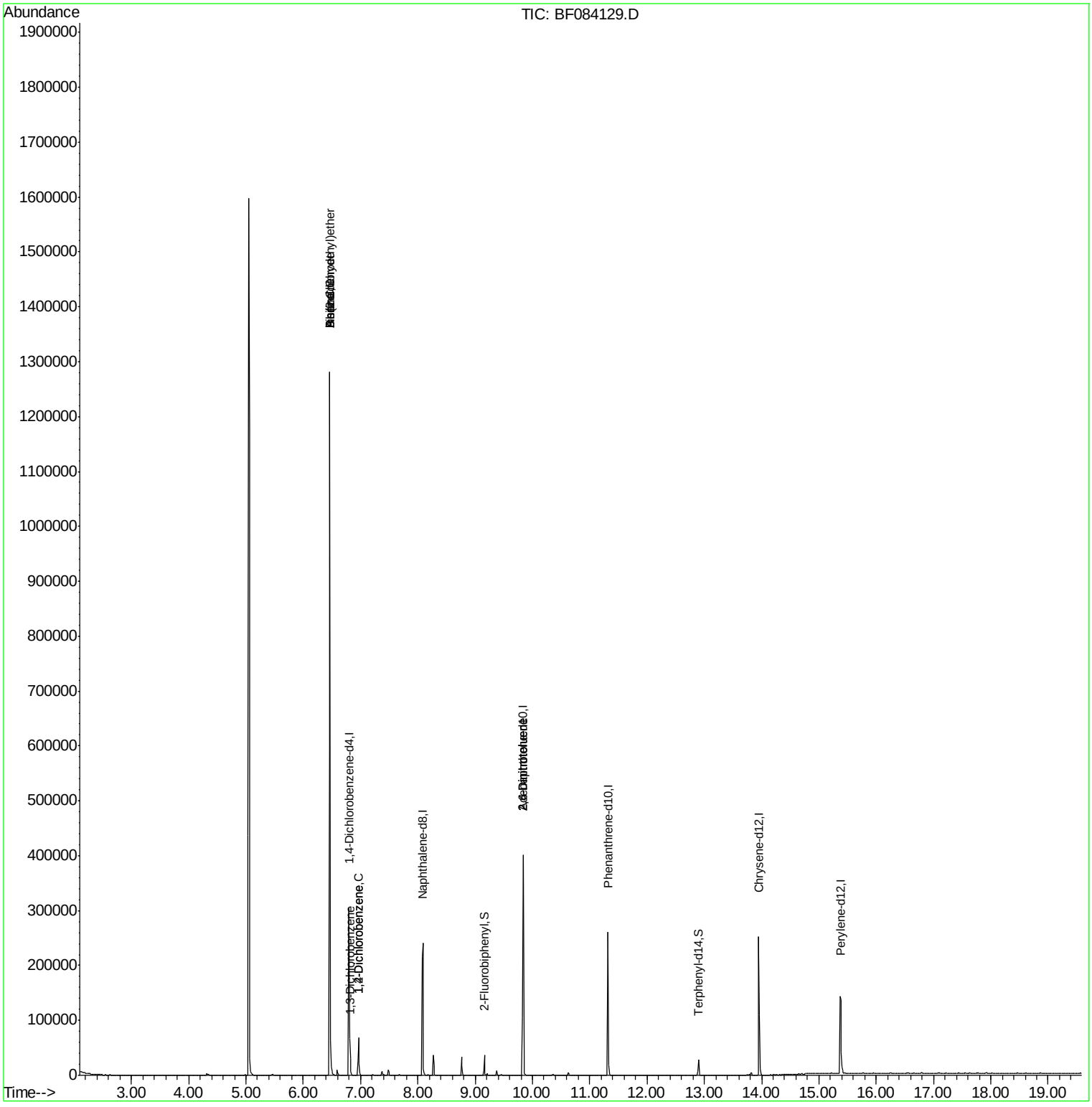
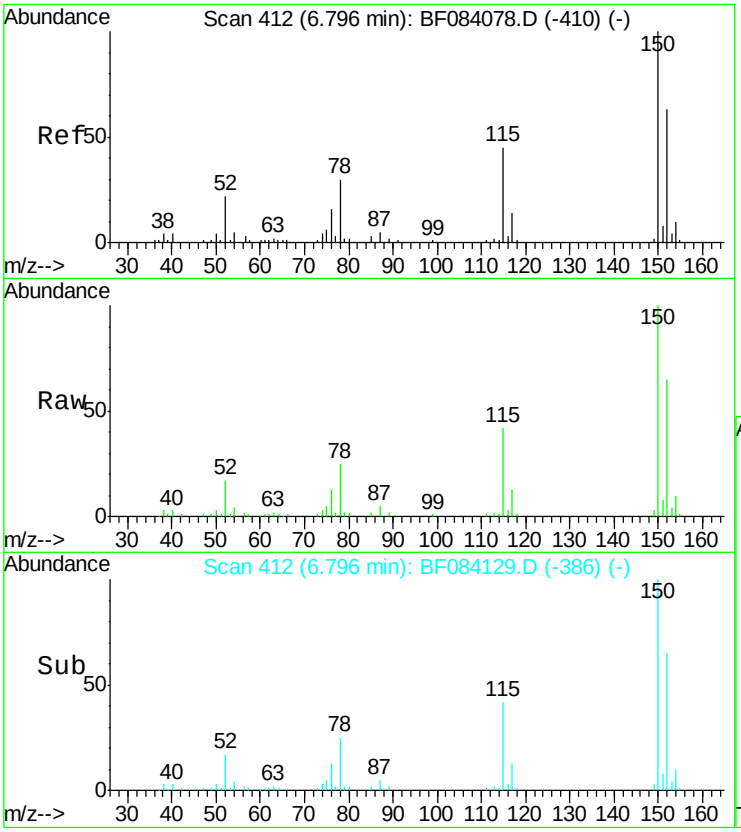
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration



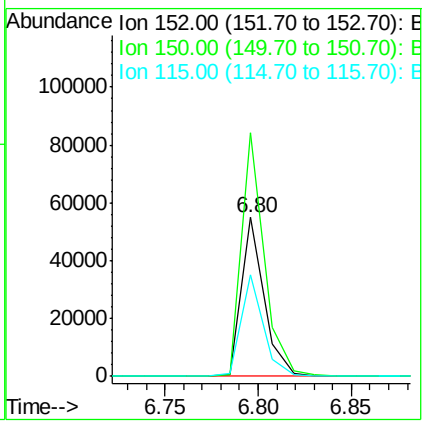


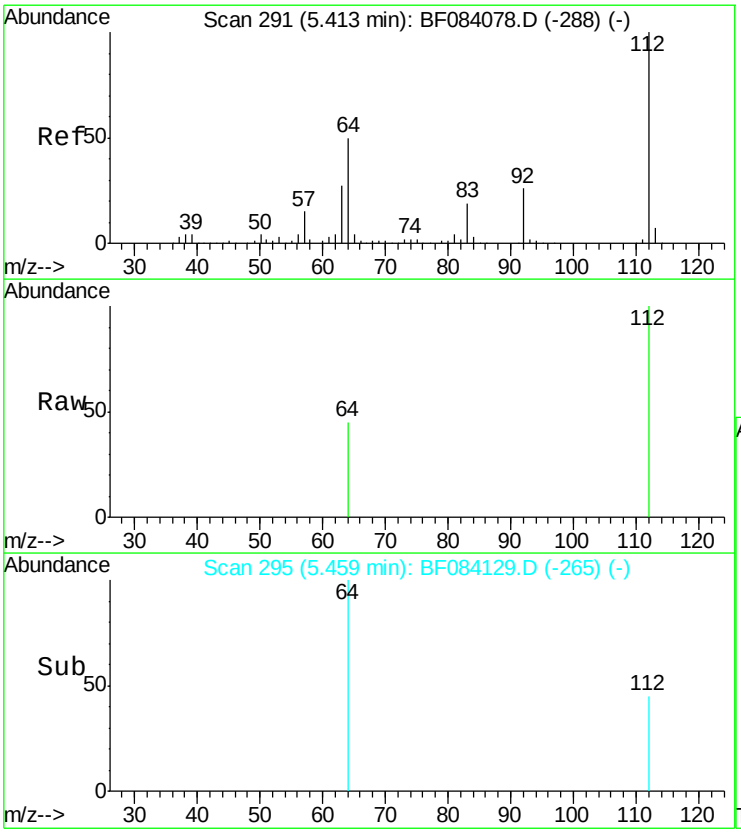
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Instrument :
BNA_F
ClientSampleId :
SYSDIS-121715DL

Tgt Ion:152 Resp: 46087

Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.0	184.4
115	64.2	51.4	77.2

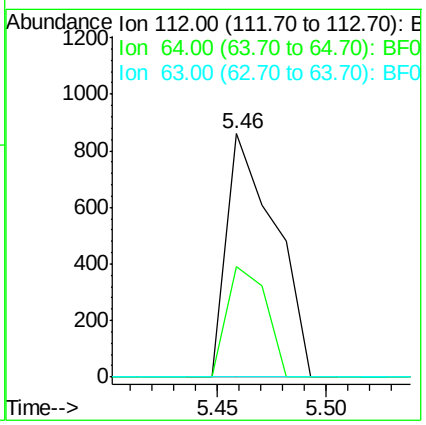


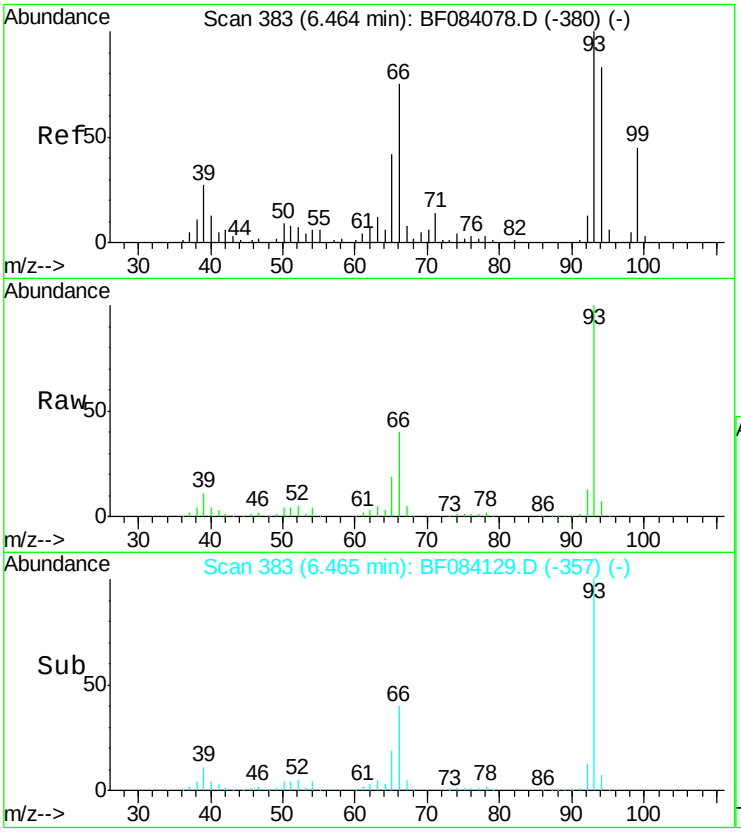


#5
2-Fluorophenol
Concen: 0.49 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.05 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Tgt Ion:112 Resp: 1338

Ion	Ratio	Lower	Upper
112	100		
64	45.2	36.6	55.0
63	0.0	19.4	29.0#



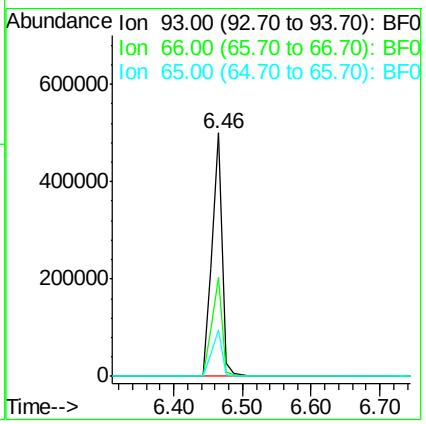


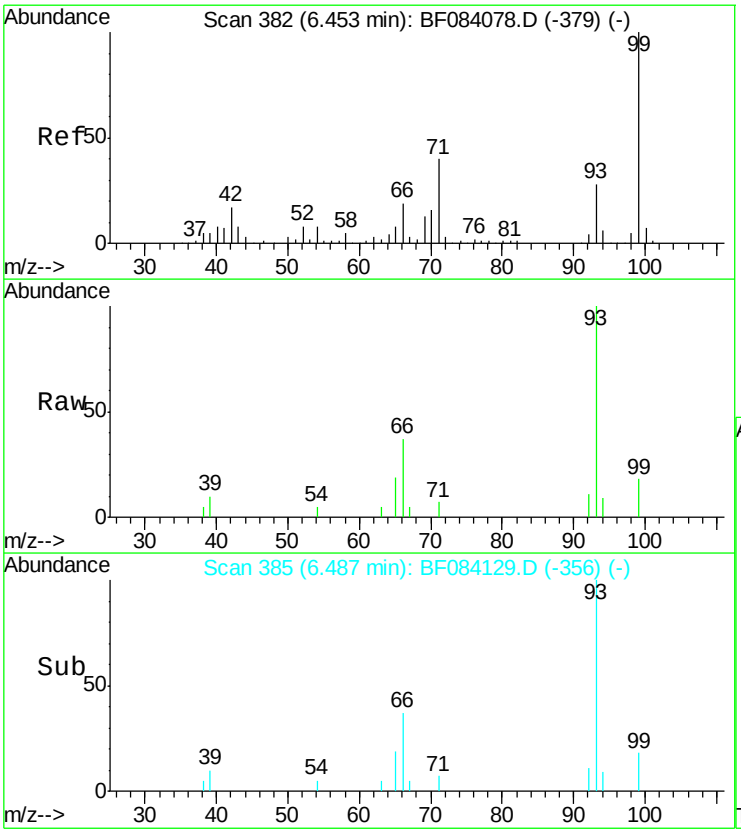
#6
Aniline
Concen: 123.86 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Instrument :
BNA_F
ClientSampleId :
SYSDIS-121715DL

Tgt Ion: 93 Resp: 526634

Ion	Ratio	Lower	Upper
93	100		
66	40.4	44.9	67.3#
65	19.3	23.7	35.5#

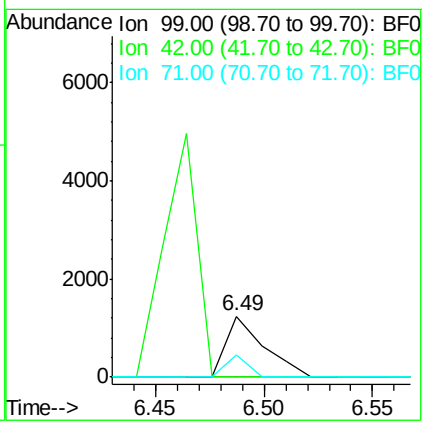


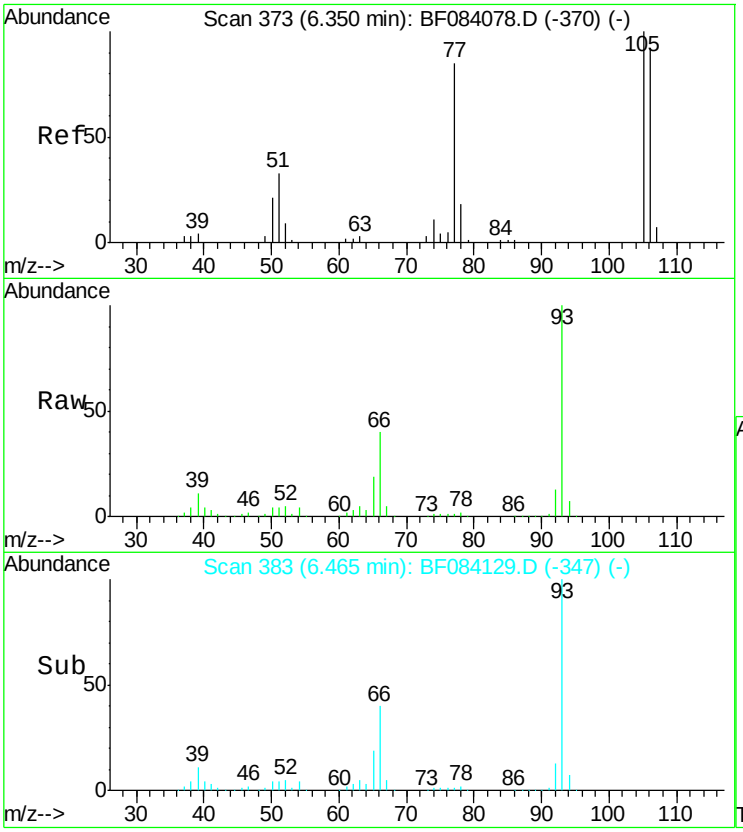


#7
Phenol-d6
Concen: 0.45 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.03 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Tgt Ion: 99 Resp: 1512

Ion	Ratio	Lower	Upper
99	100		
42	0.0	12.8	19.2#
71	36.9	30.9	46.3



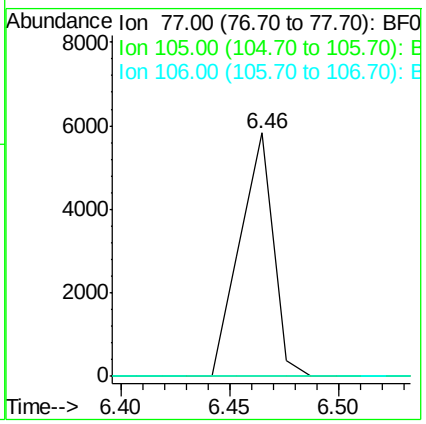


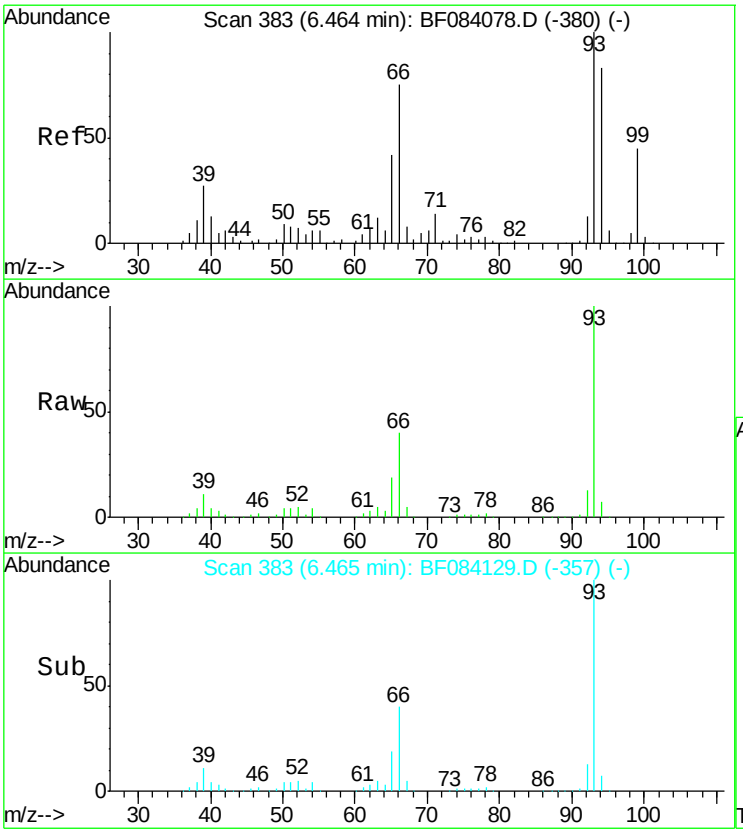
#9
Benzaldehyde
Concen: 3.45 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.11 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Instrument :
BNA_F
ClientSampleId :
SYSDIS-121715DL

Tgt Ion: 77 Resp: 6208

Ion	Ratio	Lower	Upper
77	100		
105	0.0	83.0	123.0#
106	0.0	74.6	114.6#

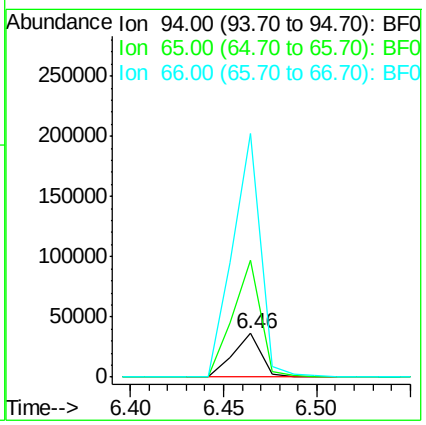


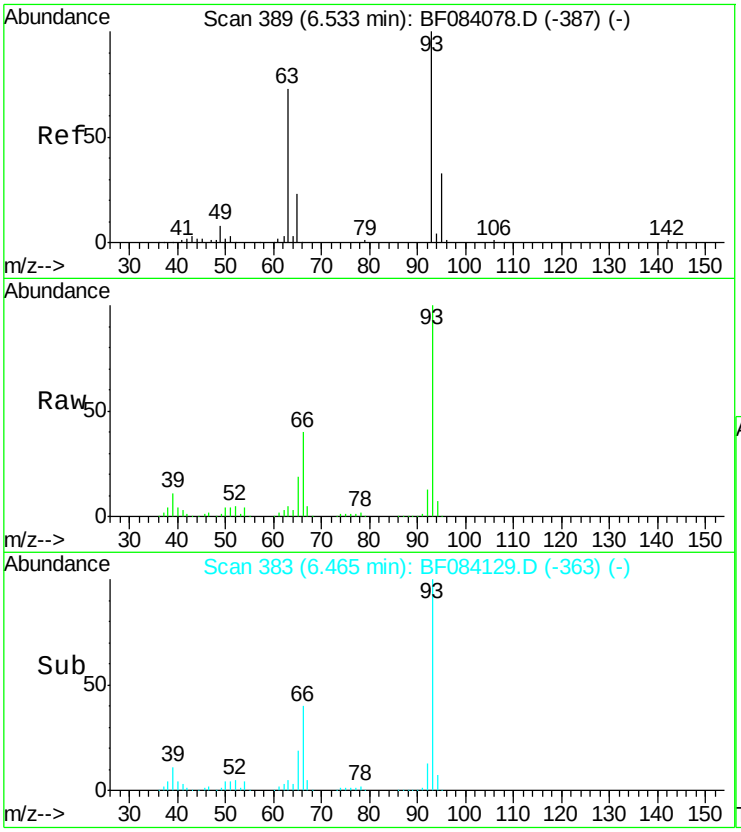


#10
Phenol
Concen: 9.90 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Tgt Ion: 94 Resp: 38076

Ion	Ratio	Lower	Upper
94	100		
65	266.4	12.9	52.9#
66	557.9	32.7	72.7#



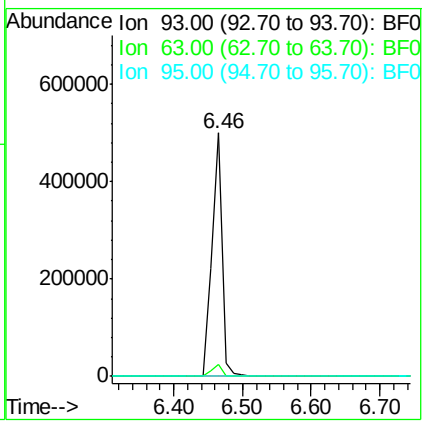


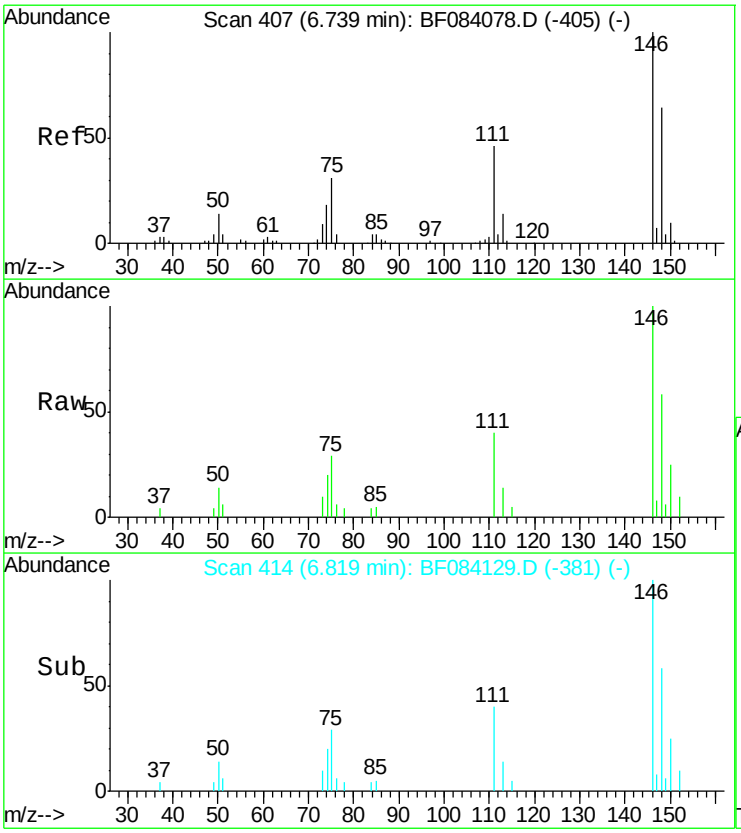
#11
bis(2-Chloroethyl)ether
Concen: 189.83 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.07 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Instrument :
BNA_F
ClientSampleId :
SYSDIS-121715DL

Tgt Ion: 93 Resp: 526634

Ion	Ratio	Lower	Upper
93	100		
63	5.1	45.9	85.9#
95	0.2	12.3	52.3#

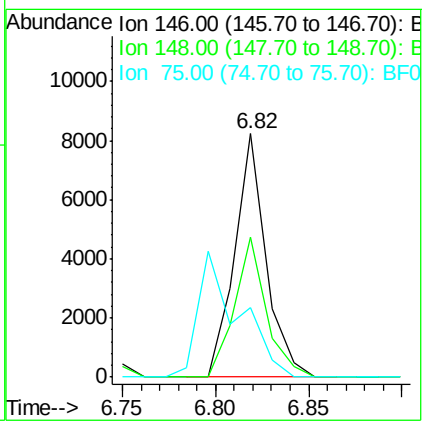


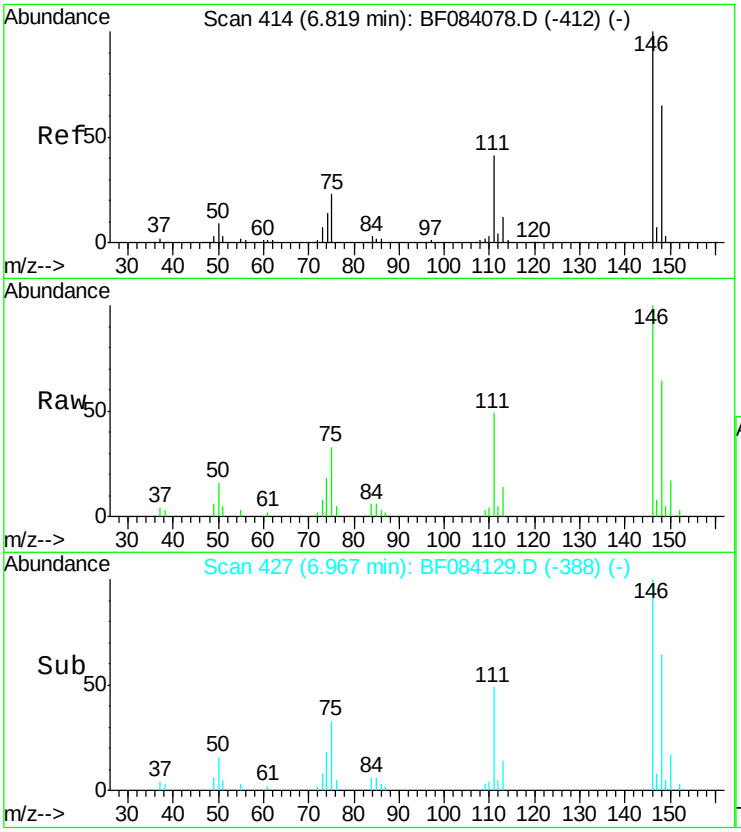


#12
1,3-Dichlorobenzene
Concen: 2.61 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.08 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Tgt Ion:146 Resp: 9625

Ion	Ratio	Lower	Upper
146	100		
148	57.6	51.9	77.9
75	28.6	20.5	30.7



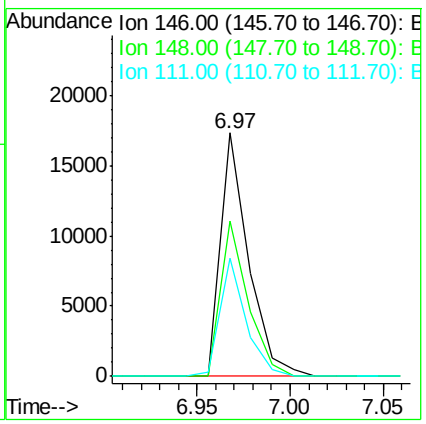


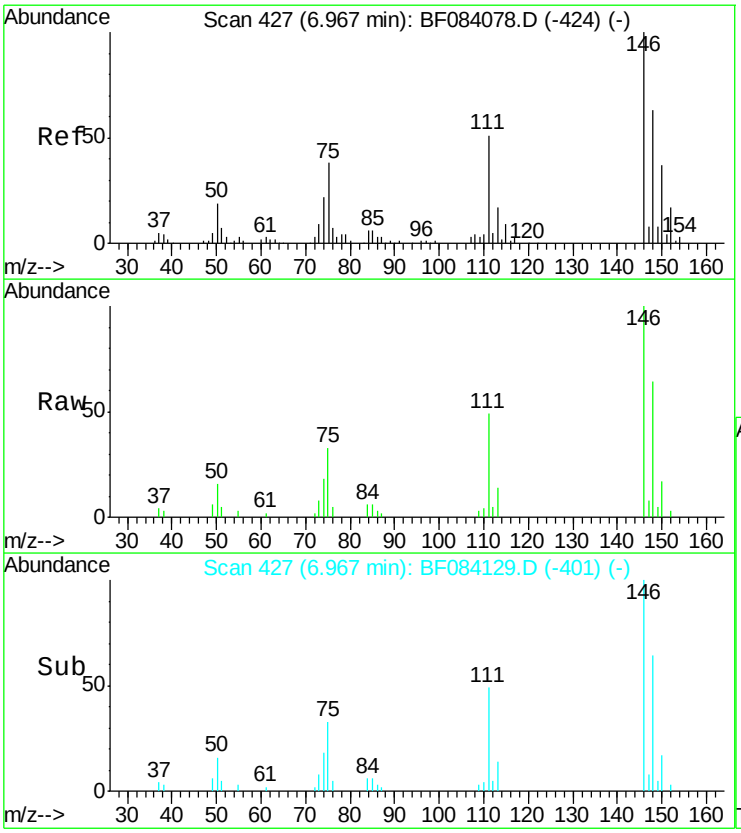
#13
1,4-Dichlorobenzene
Concen: 4.90 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.15 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Instrument :
BNA_F
ClientSampleId :
SYSDIS-121715DL

Tgt Ion:146 Resp: 18173

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
111	48.6	41.6	62.4

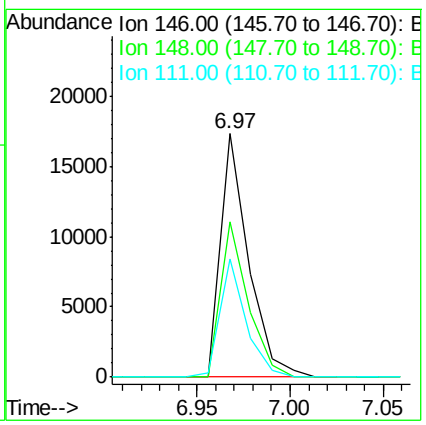


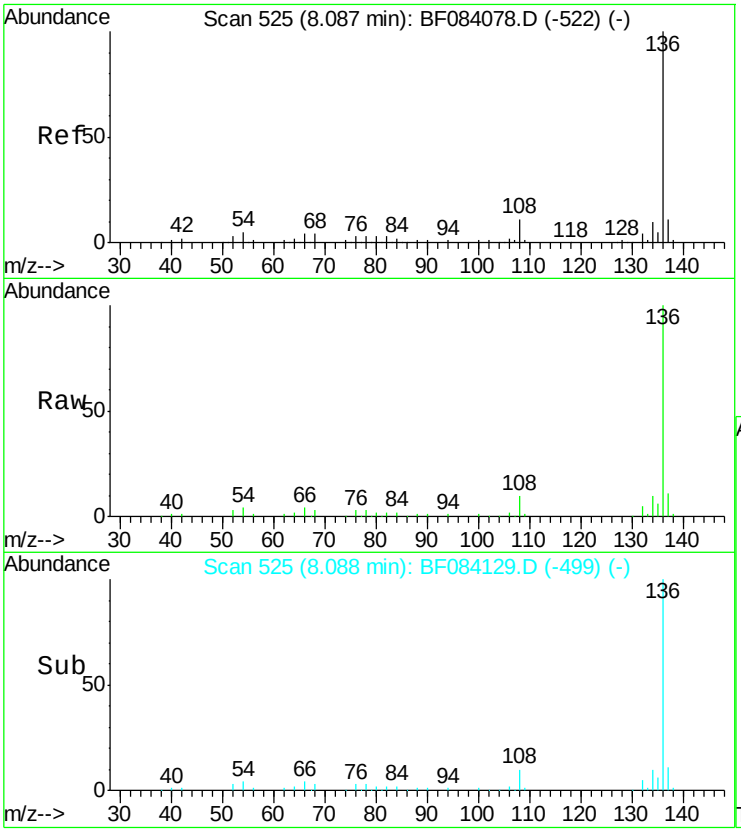


#14
1,2-Dichlorobenzene
Concen: 5.32 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Tgt Ion:146 Resp: 18173

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.6	77.4
111	48.6	38.0	57.0



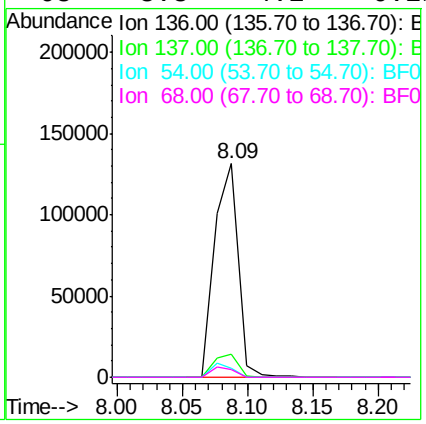


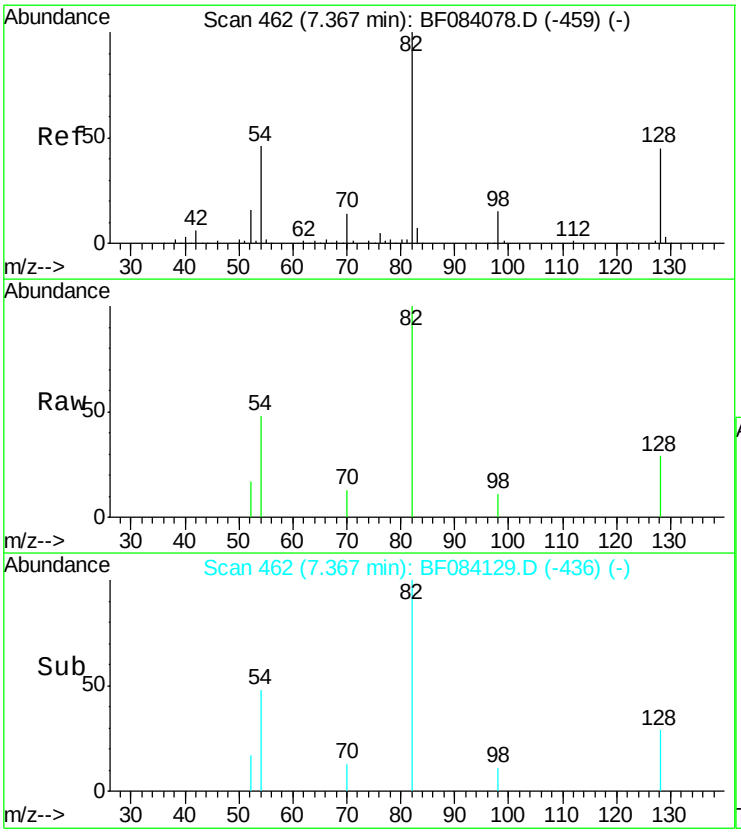
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Instrument :
BNA_F
ClientSampleId :
SYSDIS-121715DL

Tgt Ion:136 Resp: 166525

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	4.1	5.8	8.8#
68	3.3	4.2	6.2#

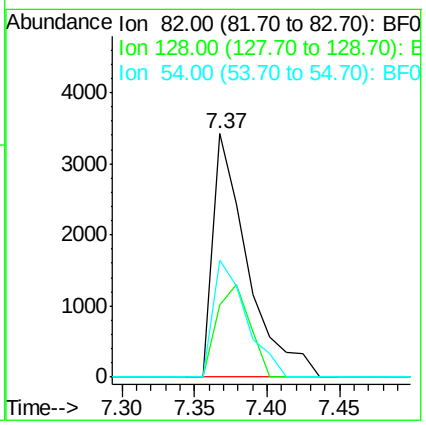


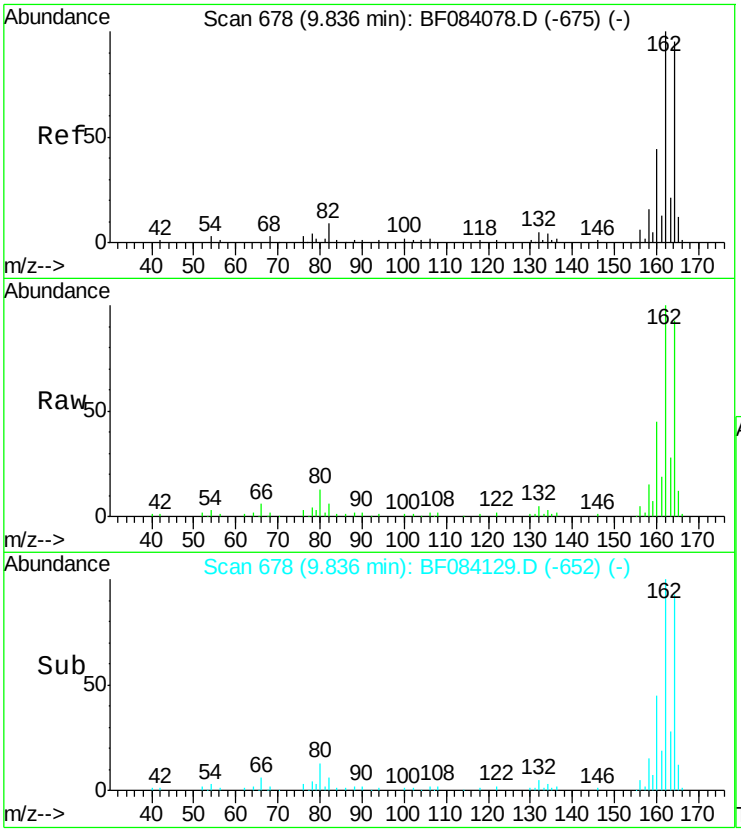


#23
Nitrobenzene-d5
Concen: 1.99 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Tgt Ion: 82 Resp: 5658

Ion	Ratio	Lower	Upper
82	100		
128	29.4	34.6	51.8#
54	47.9	38.4	57.6



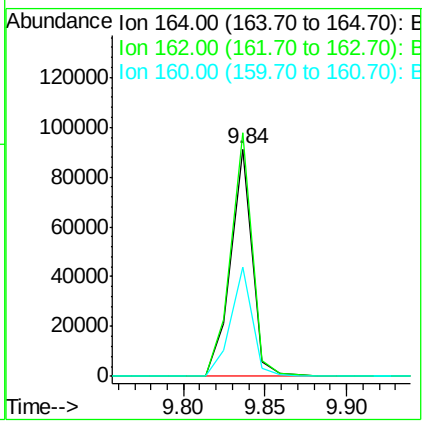


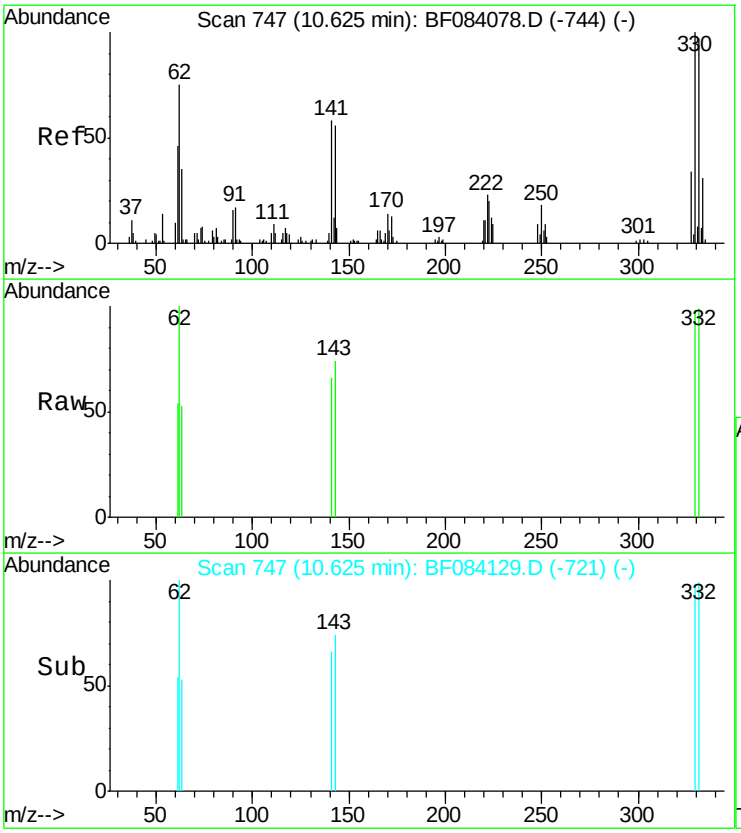
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Instrument :
BNA_F
ClientSampleId :
SYSDIS-121715DL

Tgt Ion:164 Resp: 81999

Ion	Ratio	Lower	Upper
164	100		
162	107.2	85.1	127.7
160	48.2	37.5	56.3

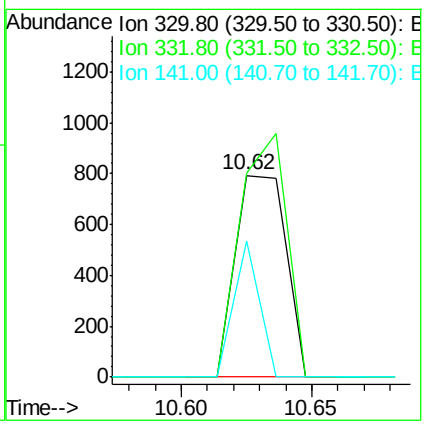


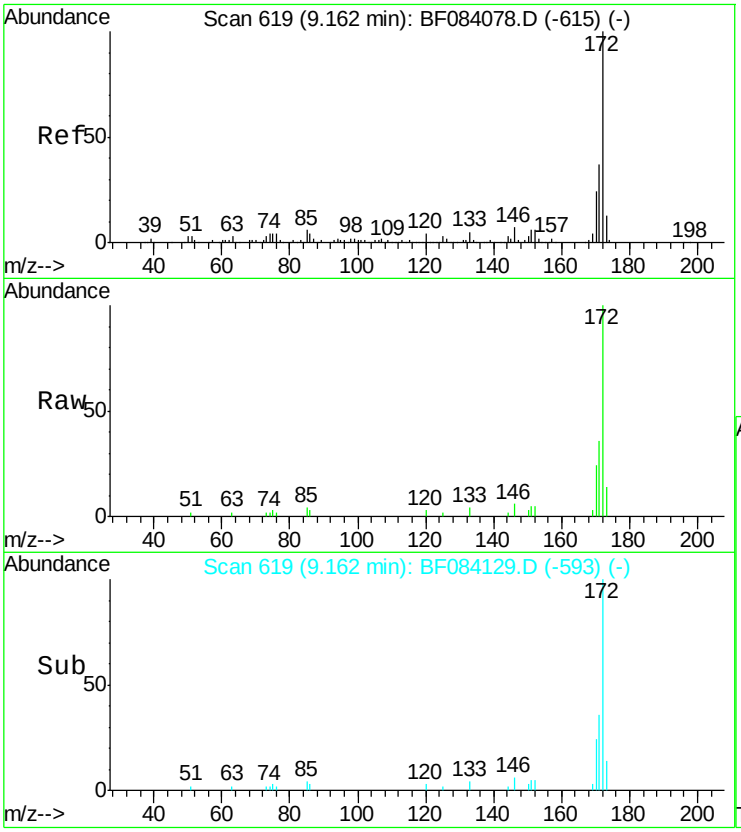


#41
2,4,6-Tribromophenol
Concen: 1.23 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Tgt Ion:330 Resp: 1079

Ion	Ratio	Lower	Upper
330	100		
332	112.0	76.6	114.8
141	34.1	27.8	41.6



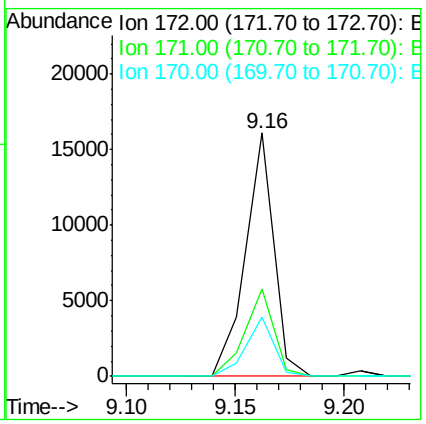


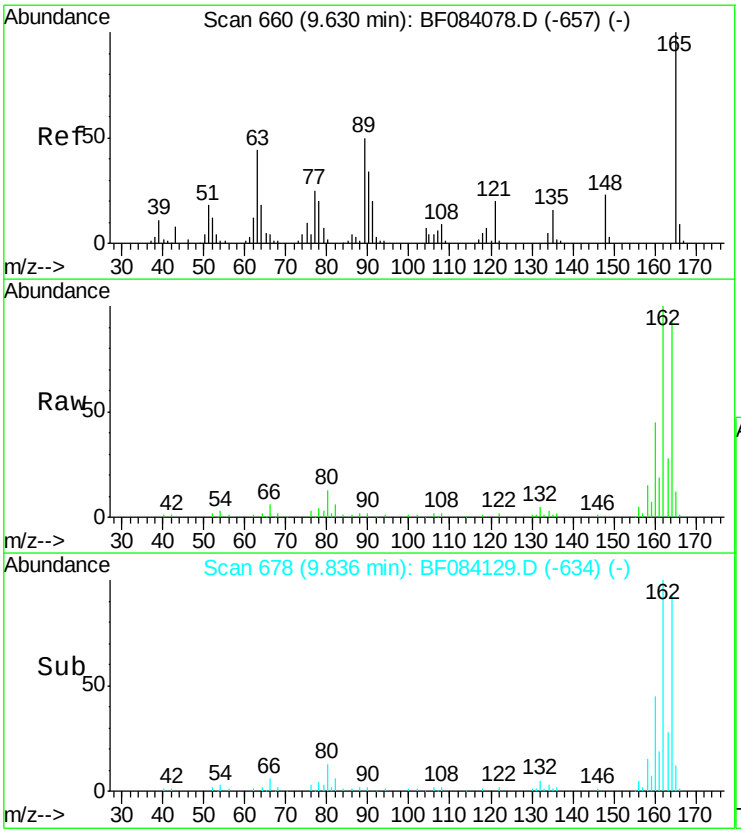
#44
2-Fluorobiphenyl
Concen: 2.43 ng
RT: 9.16 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Instrument :
BNA_F
ClientSampleId :
SYSDIS-121715DL

Tgt Ion:172 Resp: 14579

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.1	18.6	27.8

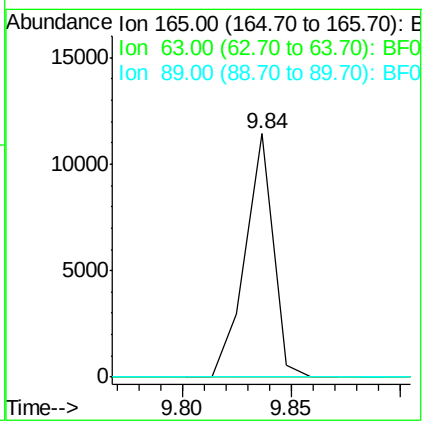


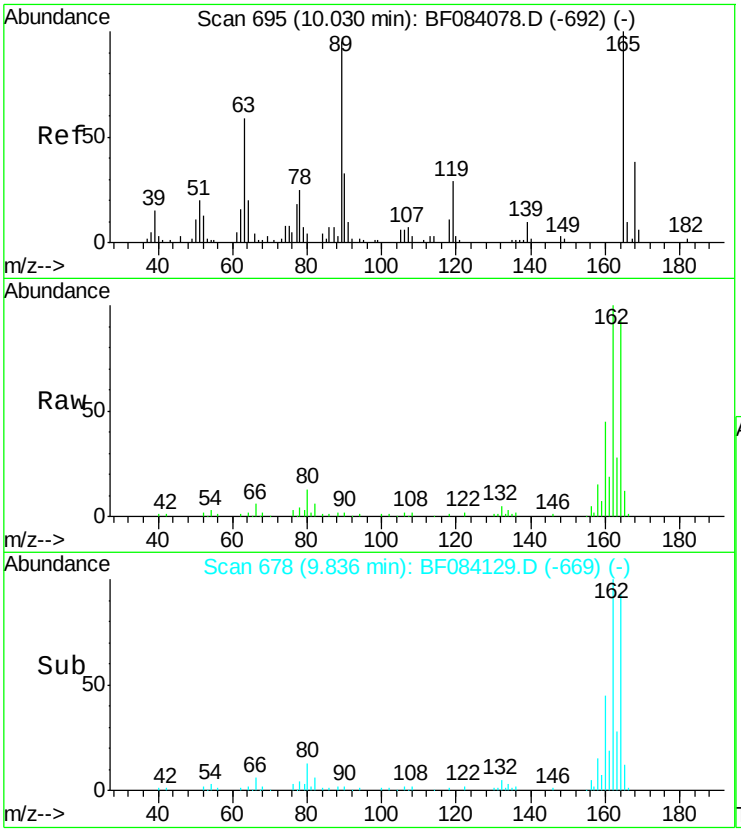


#50
2,6-Dinitrotoluene
Concen: 7.10 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.21 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Tgt Ion:165 Resp: 10242

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



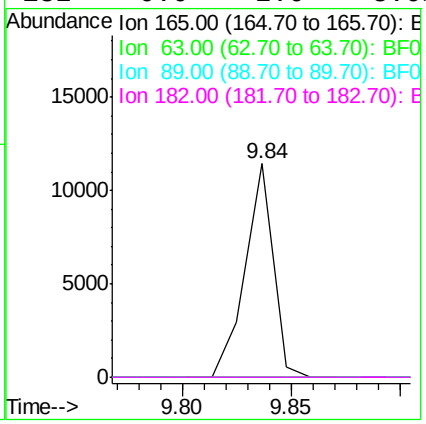


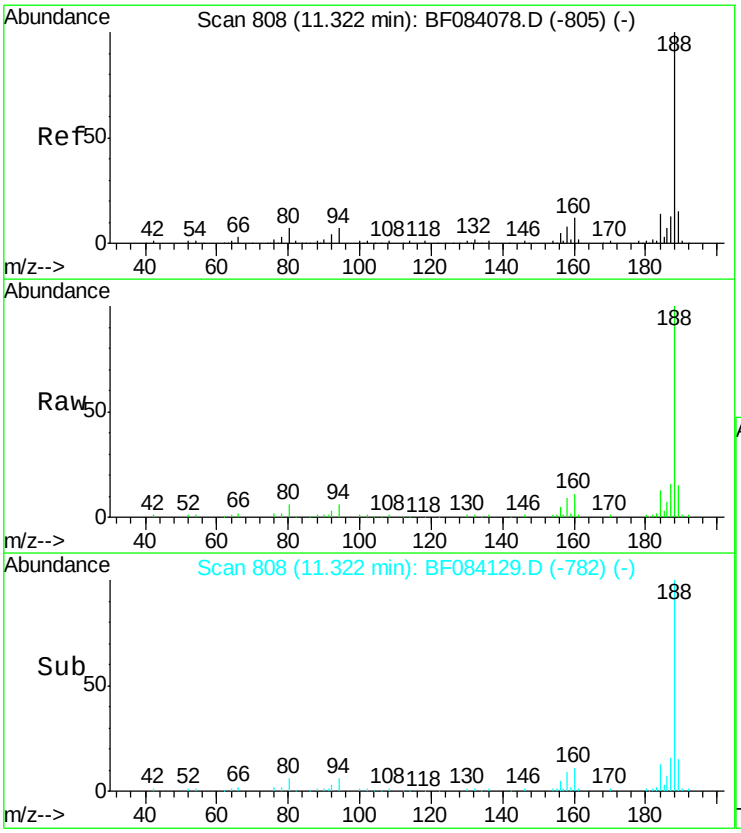
#56
2,4-Dinitrotoluene
Concen: 5.38 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.19 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Instrument :
BNA_F
ClientSampleId :
SYSDIS-121715DL

Tgt Ion:165 Resp: 10242

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

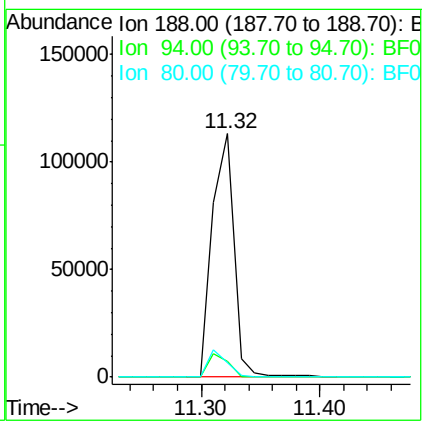


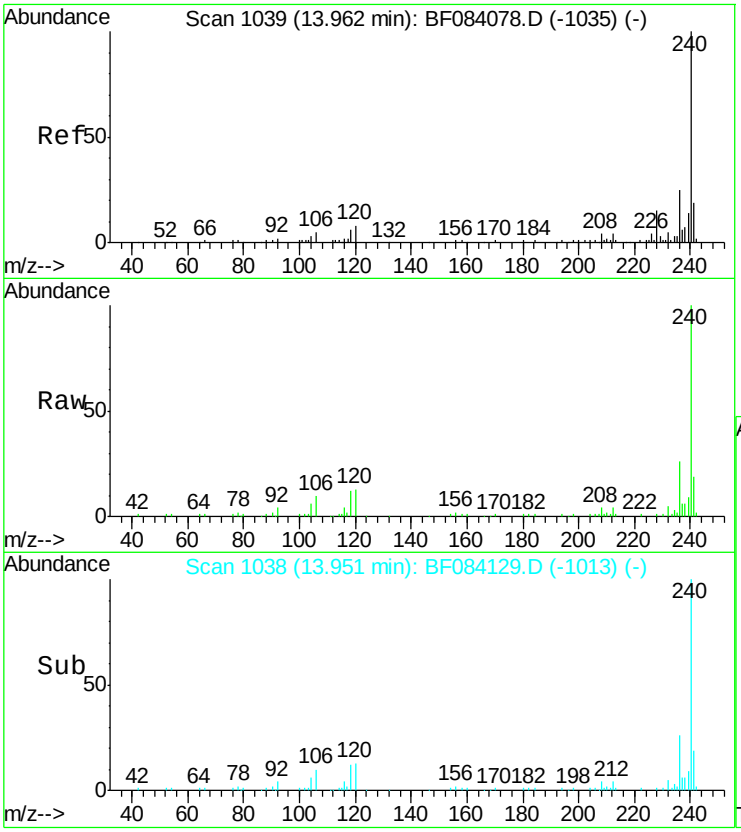


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Tgt Ion:188 Resp: 141946

Ion	Ratio	Lower	Upper
188	100		
94	6.3	9.0	13.4#
80	5.9	9.6	14.4#



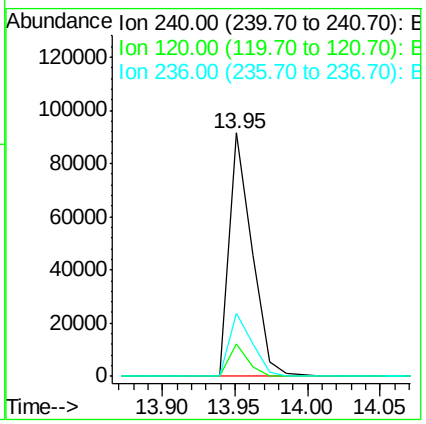


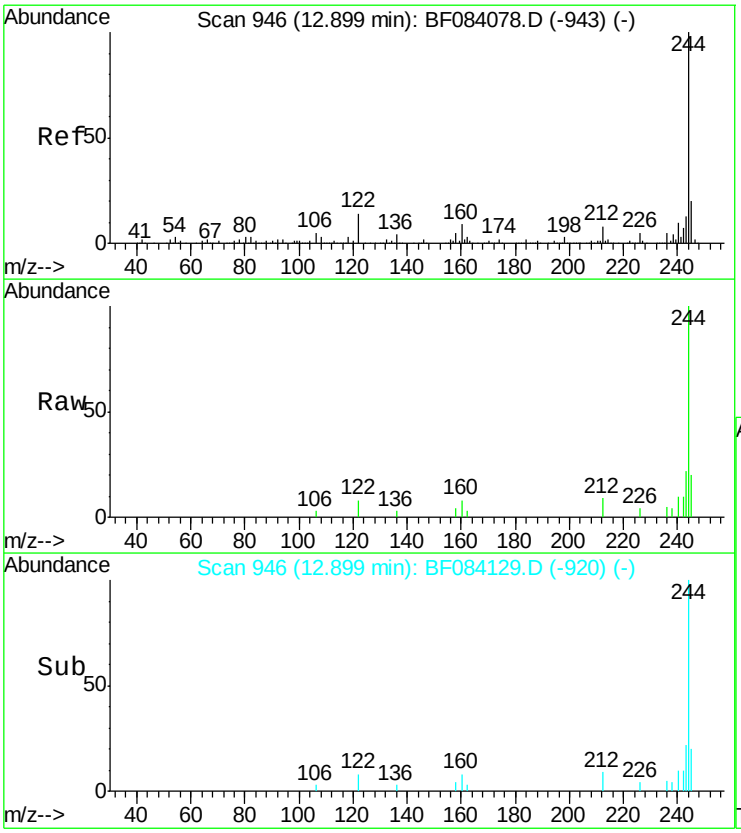
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Instrument :
BNA_F
ClientSampleId :
SYSDIS-121715DL

Tgt Ion:240 Resp: 99246

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.7	20.6	31.0

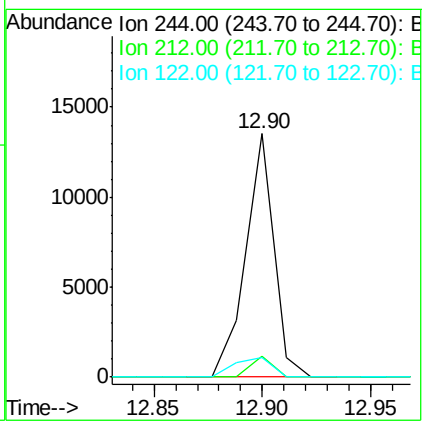


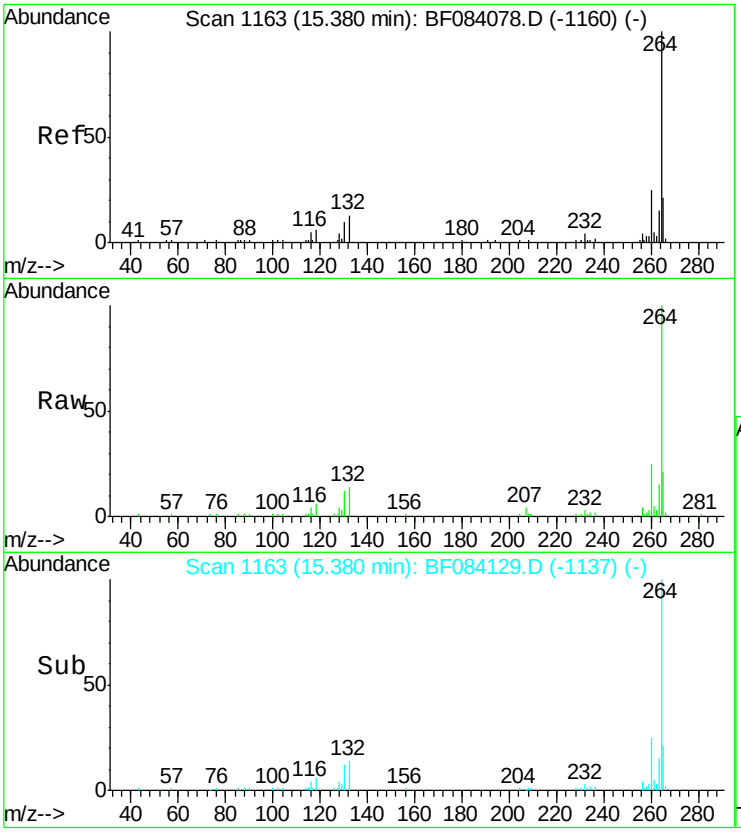


#78
Terphenyl-d14
Concen: 2.23 ng
RT: 12.90 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Tgt Ion:244 Resp: 12204

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.7	8.5#
122	7.8	7.4	11.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF084129.D
Acq: 25 Dec 2015 14:59

Instrument :
BNA_F
ClientSampleId :
SYSDIS-121715DL

Tgt Ion:264 Resp: 88871

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	20.8	17.8	26.6