Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011816\
Data File : BF084541.D
Acq On : 18 Jan 2016 17:52
Operator : SJ/UM
Sample : H1140-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416DL

Quant Time: Jan 18 23:52:45 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	219380	20.00	ng	-0.03
21) Naphthalene-d8	8.08	136	902256	20.00	ng	-0.05
38) Acenaphthene-d10	9.84	164	463224	20.00	ng	-0.03
63) Phenanthrene-d10	11.31	188	799035	20.00	ng	-0.05
75) Chrysene-d12	13.95	240	683685	20.00	ng	-0.05
86) Perylene-d12	15.36	264	454115	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	57711	4.25	ng	-0.05
7) Phenol-d6	6.43	99	54881	3.22	ng	-0.05
23) Nitrobenzene-d5	7.36	82	151362	9.34	ng	-0.05
41) 2,4,6-Tribromophenol	10.62	330	36634	7.83	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	278062	4.57	ng	-0.03
78) Terphenyl-d14	12.90	244	225765	7.37	ng	-0.05
Target Compounds						Qvalue
6) Aniline	6.45	93	877626	35.22	ng	# 79
10) Phenol	6.45	94	67162	3.47	ng	# 1
11) bis(2-Chloroethyl)ether	6.45	93	877626	58.50	ng	# 30
24) Nitrobenzene	7.48	77	354975	21.59	ng	# 40
25) Isophorone	7.36	82	121639	3.92	ng	# 66
50) 2,6-Dinitrotoluene	9.84	165	60957	8.39	ng	# 38
54) Dibenzofuran	10.04	168	271	Below Cal		# 45
57) Fluorene	10.61	166	1681	Below Cal		# 84
64) 4,6-Dinitro-2-methylphenol	10.66	198	370	6.48	ng	# 9
73) Di-n-butylphthalate	11.88	149	2433	Below Cal		# 62

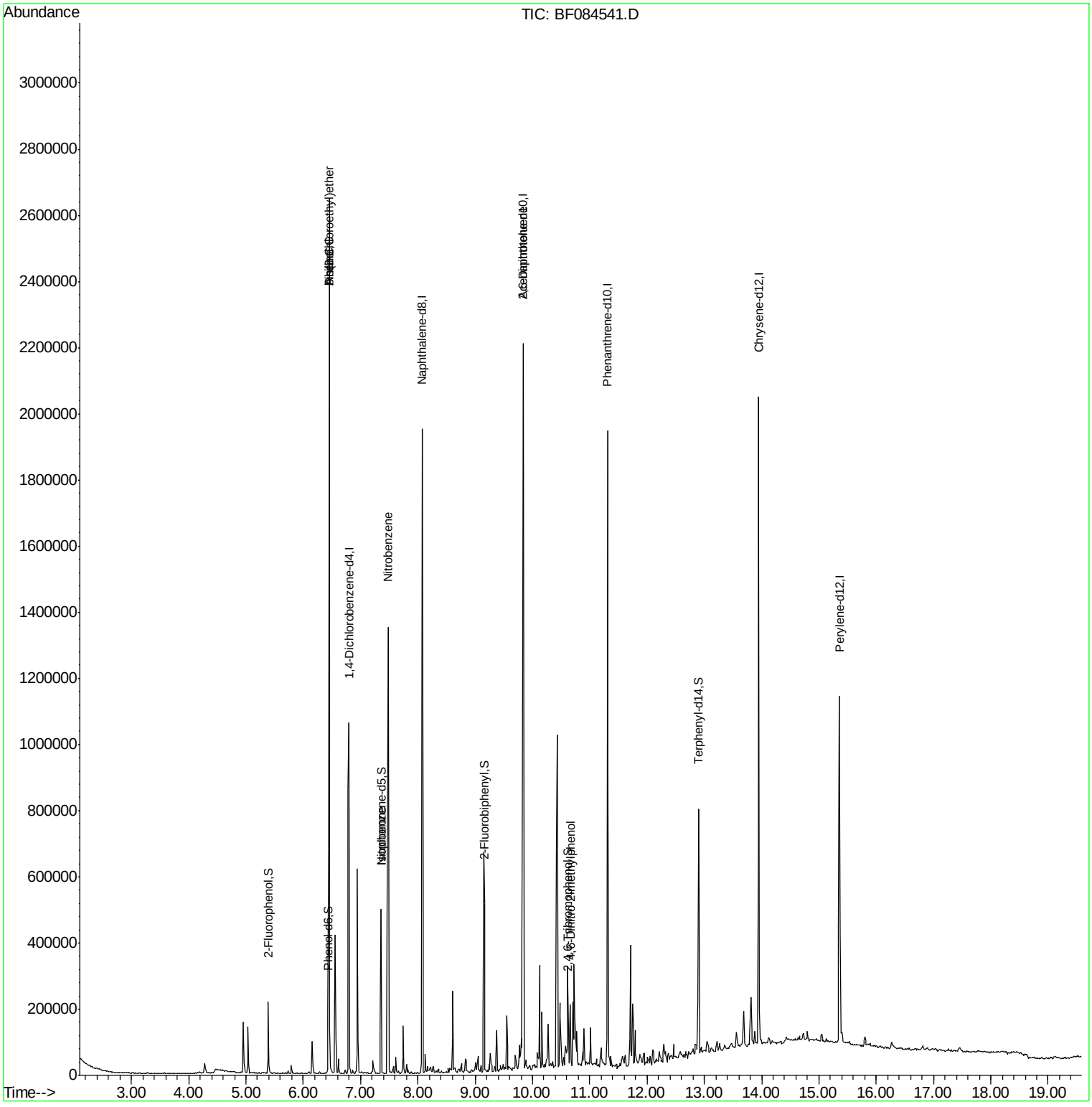
(#) = qualifier out of range (m) = manual integration (+) = signals summed

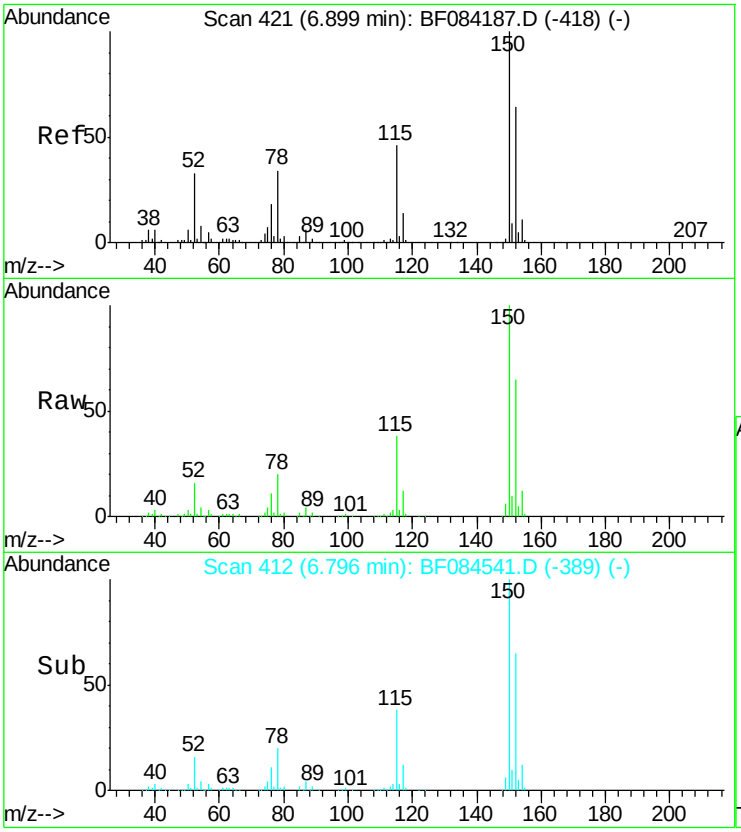
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011816\
Data File : BF084541.D
Acq On : 18 Jan 2016 17:52
Operator : SJ/UM
Sample : H1140-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-011416DL

Quant Time: Jan 18 23:52:45 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration



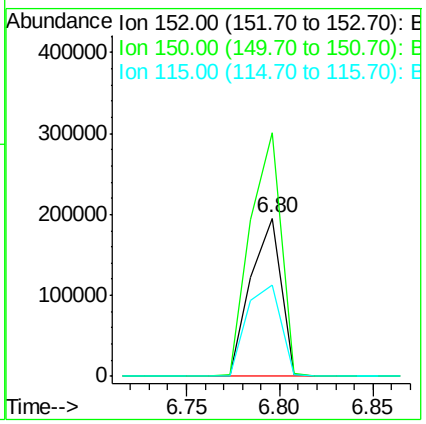


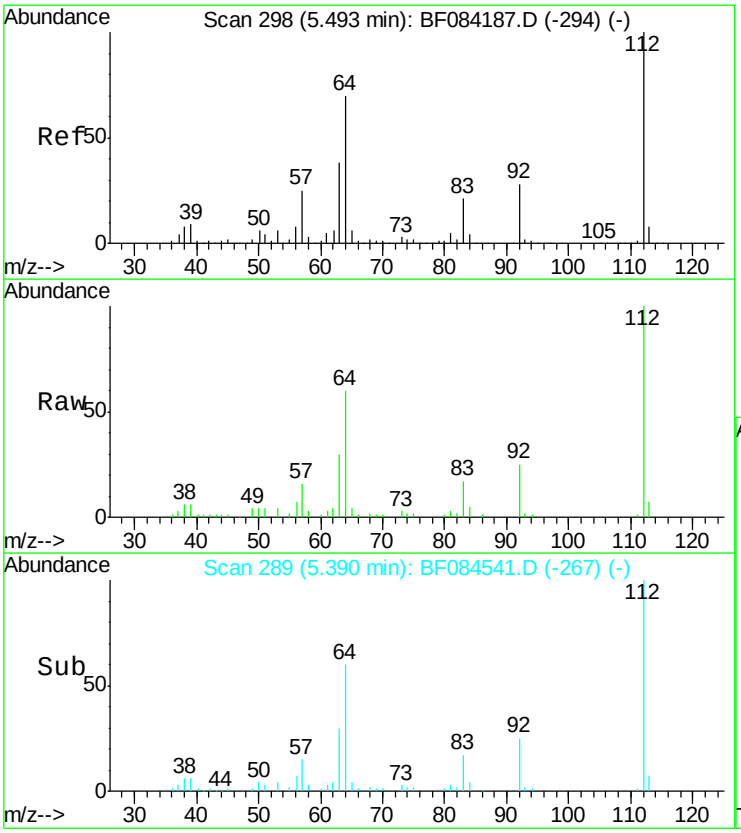
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF084541.D
Acq: 18 Jan 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-011416DL

Tgt Ion:152 Resp: 219380

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.0	184.4
115	58.0	51.4	77.2

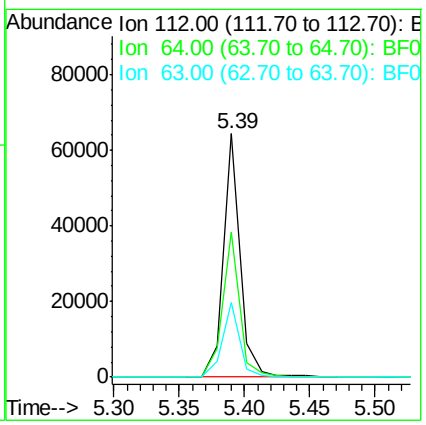


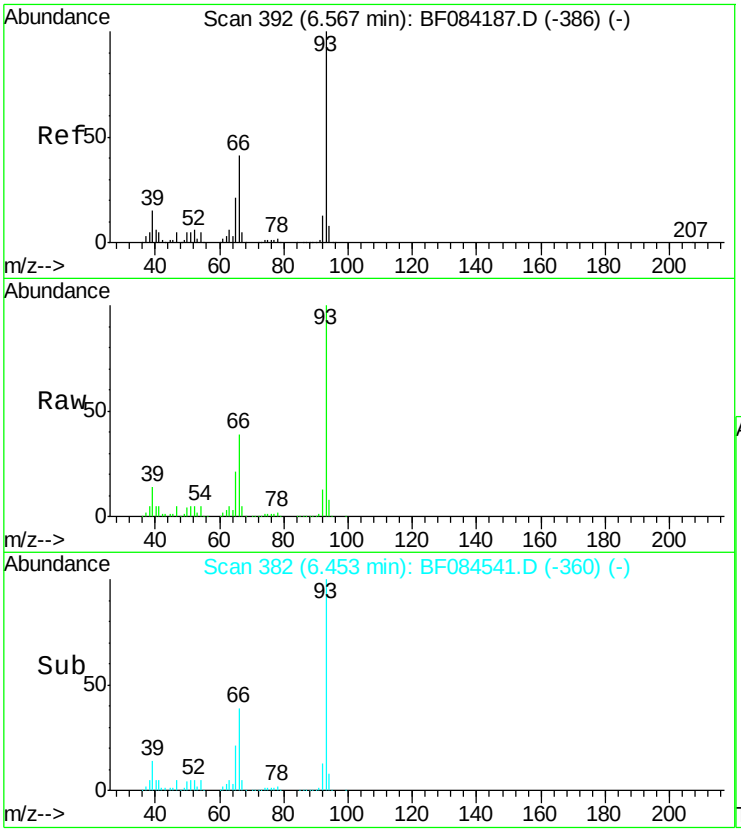


#5
2-Fluorophenol
Concen: 4.25 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.05 min
Lab File: BF084541.D
Acq: 18 Jan 2016 17:52

Tgt Ion:112 Resp: 57711

Ion	Ratio	Lower	Upper
112	100		
64	59.8	36.6	55.0#
63	30.5	19.4	29.0#



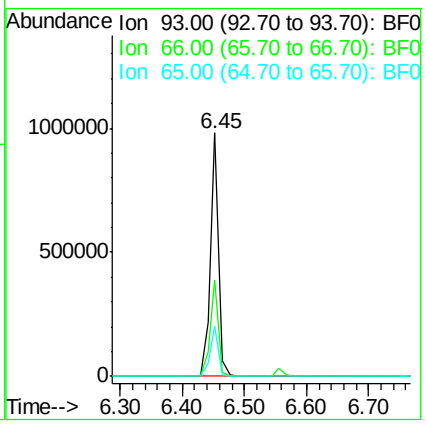


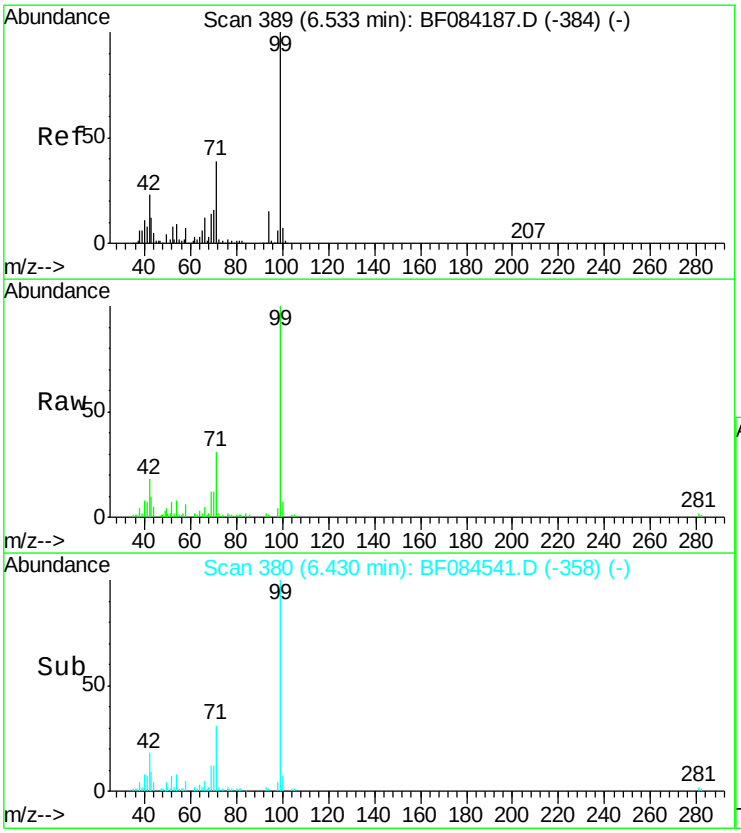
#6
Aniline
Concen: 35.22 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.05 min
Lab File: BF084541.D
Acq: 18 Jan 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-011416DL

Tgt Ion: 93 Resp: 877626

Ion	Ratio	Lower	Upper
93	100		
66	39.5	44.9	67.3#
65	20.8	23.7	35.5#

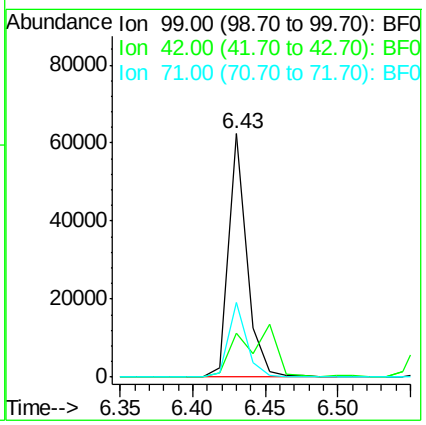


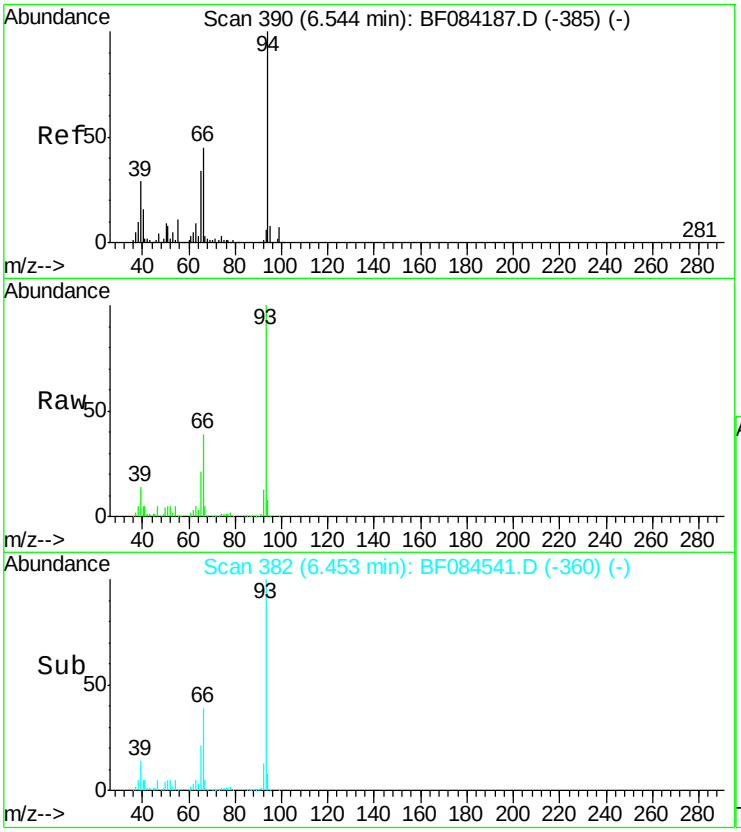


#7
Phenol-d6
Concen: 3.22 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.05 min
Lab File: BF084541.D
Acq: 18 Jan 2016 17:52

Tgt Ion: 99 Resp: 54881

Ion	Ratio	Lower	Upper
99	100		
42	17.8	12.8	19.2
71	30.5	30.9	46.3#



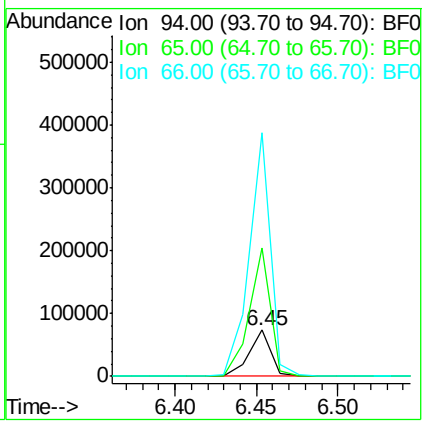


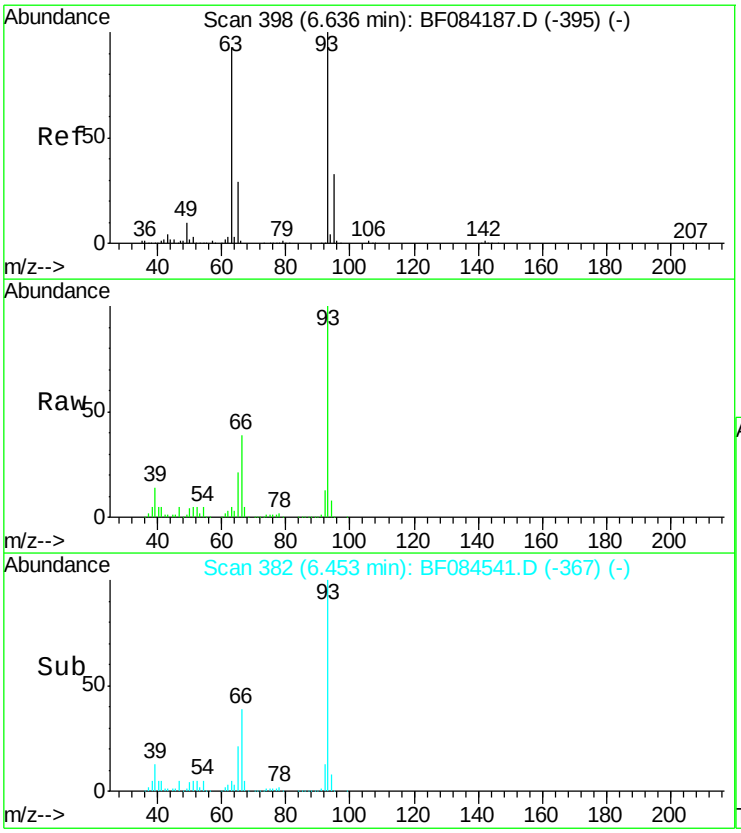
#10
Phenol
Concen: 3.47 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.05 min
Lab File: BF084541.D
Acq: 18 Jan 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-011416DL

Tgt Ion: 94 Resp: 67162

Ion	Ratio	Lower	Upper
94	100		
65	276.1	12.9	52.9#
66	525.0	32.7	72.7#

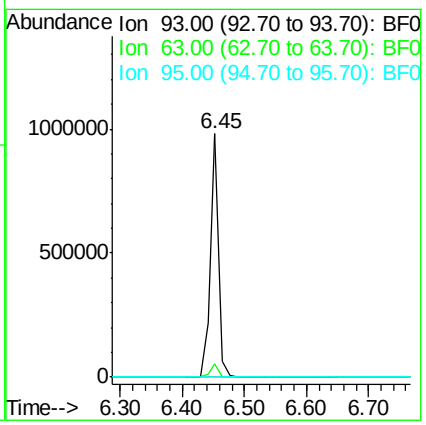


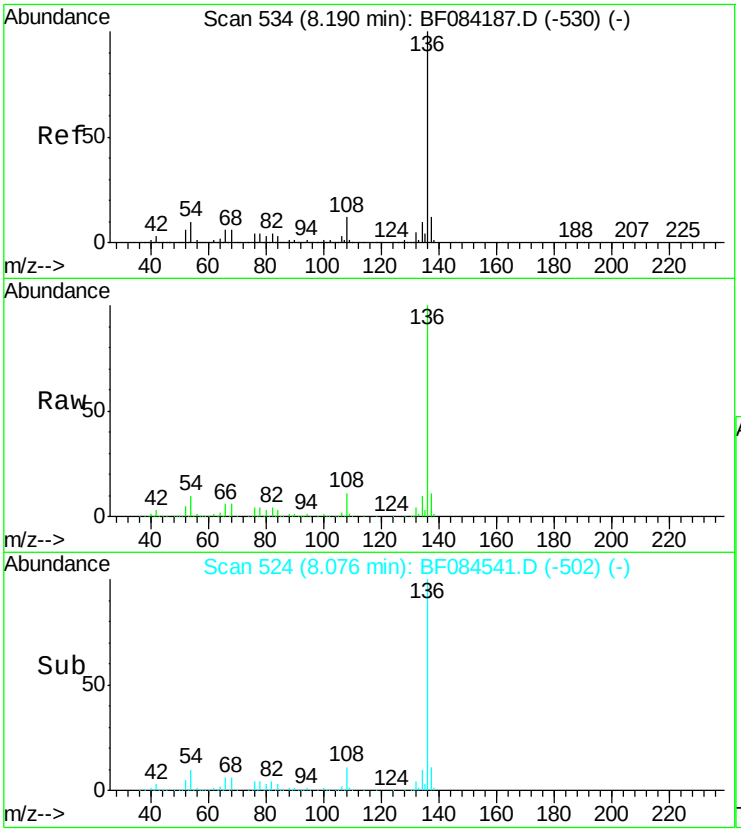


#11
bis(2-Chloroethyl)ether
Concen: 58.50 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.13 min
Lab File: BF084541.D
Acq: 18 Jan 2016 17:52

Tgt Ion: 93 Resp: 877626

Ion	Ratio	Lower	Upper
93	100		
63	5.3	45.9	85.9#
95	0.3	12.3	52.3#



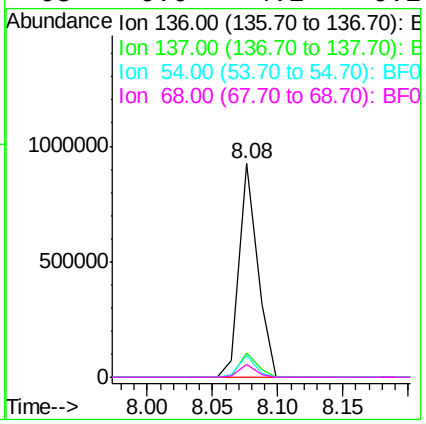


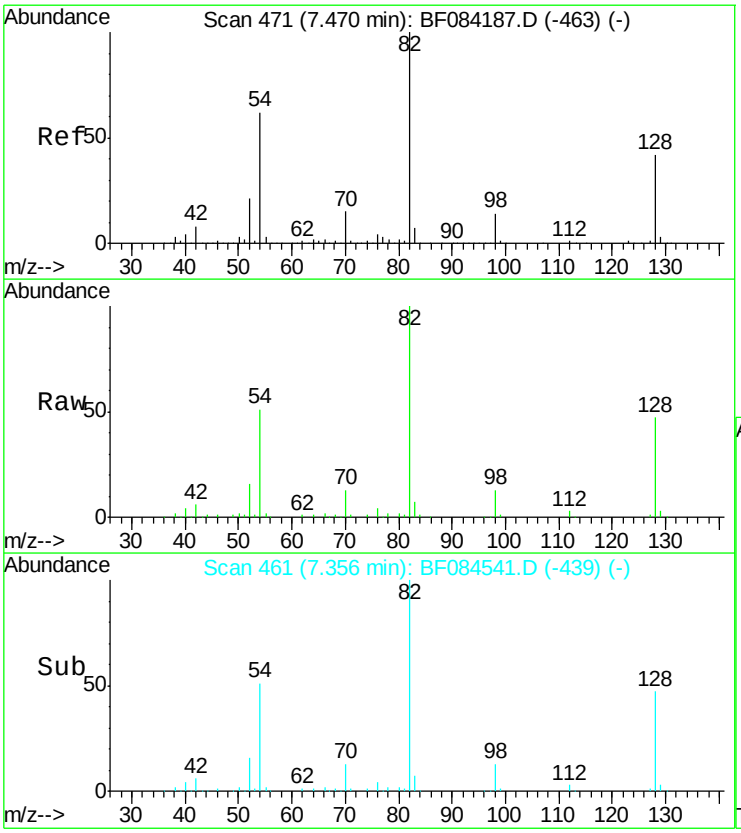
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.05 min
Lab File: BF084541.D
Acq: 18 Jan 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-011416DL

Tgt Ion:136 Resp: 902256

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.3	5.8	8.8#
68	6.0	4.2	6.2

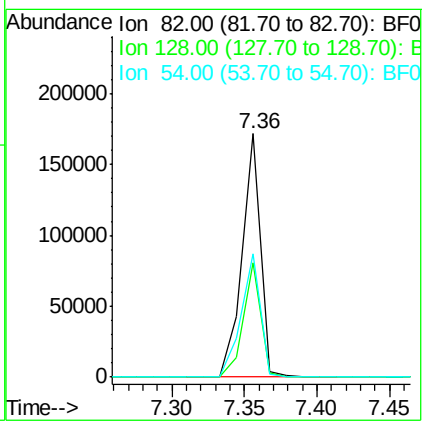


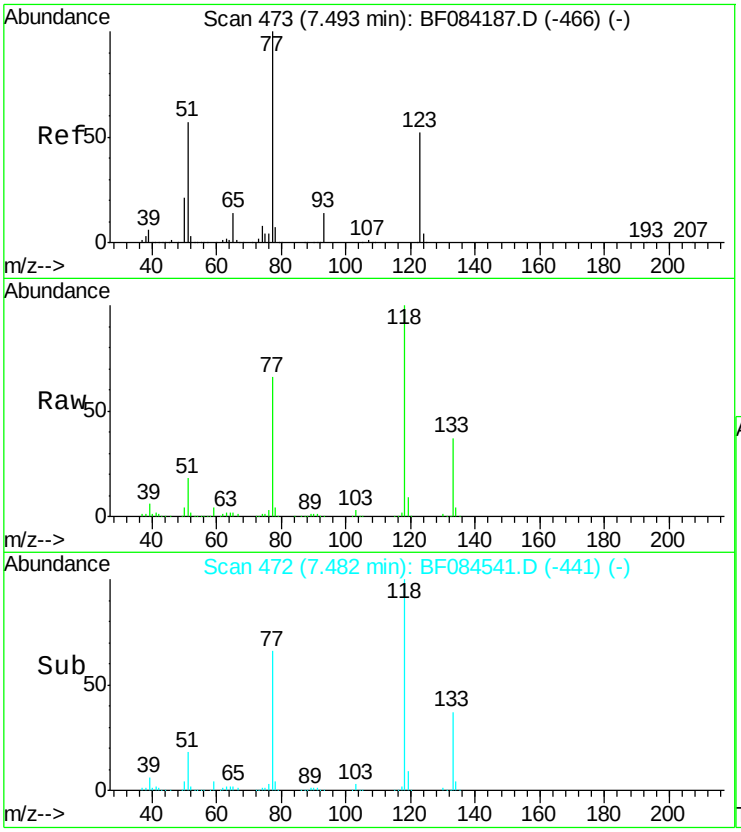


#23
Nitrobenzene-d5
Concen: 9.34 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF084541.D
Acq: 18 Jan 2016 17:52

Tgt Ion: 82 Resp: 151362

Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.6	51.8
54	50.8	38.4	57.6



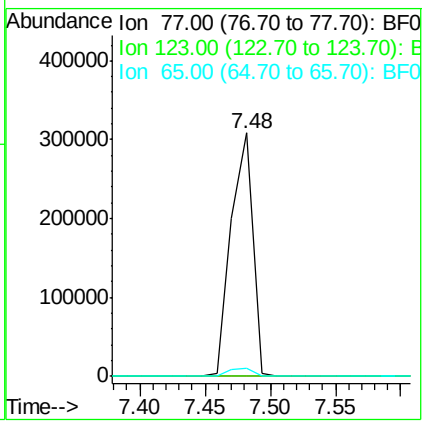


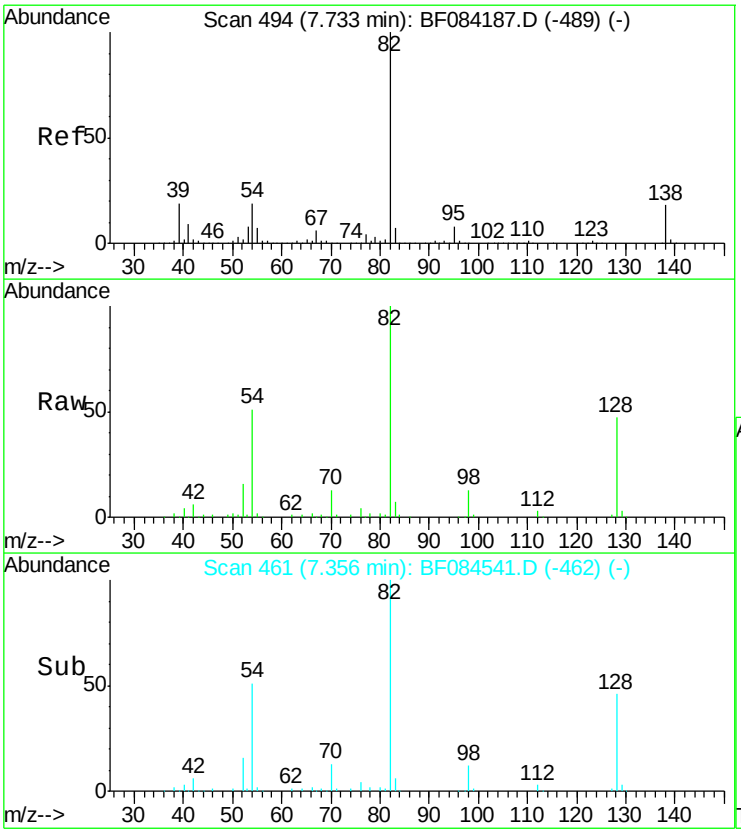
#24
Nitrobenzene
Concen: 21.59 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.06 min
Lab File: BF084541.D
Acq: 18 Jan 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-011416DL

Tgt Ion: 77 Resp: 354975

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.4	56.2#
65	3.5	10.9	16.3#

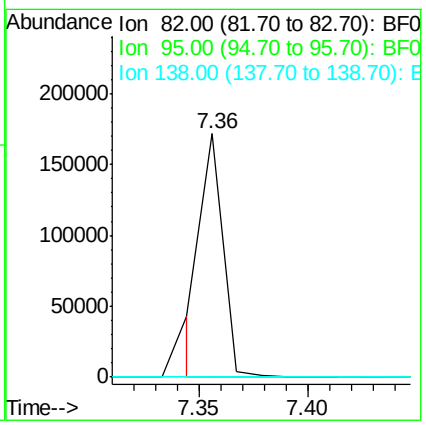


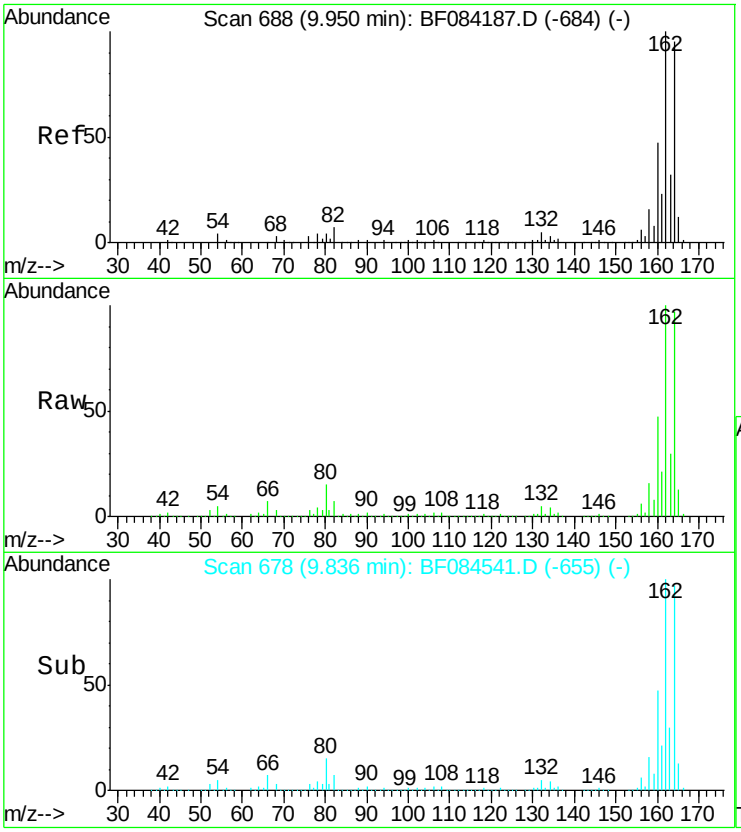


#25
Isophorone
Concen: 3.92 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.31 min
Lab File: BF084541.D
Acq: 18 Jan 2016 17:52

Tgt Ion: 82 Resp: 121639

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



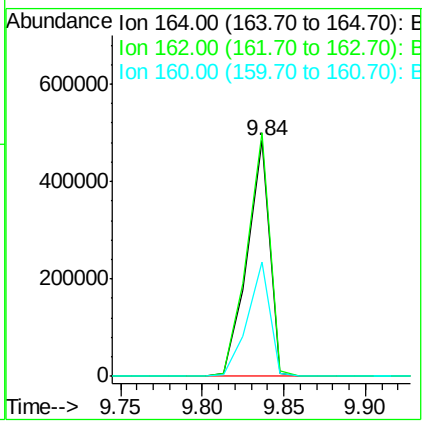


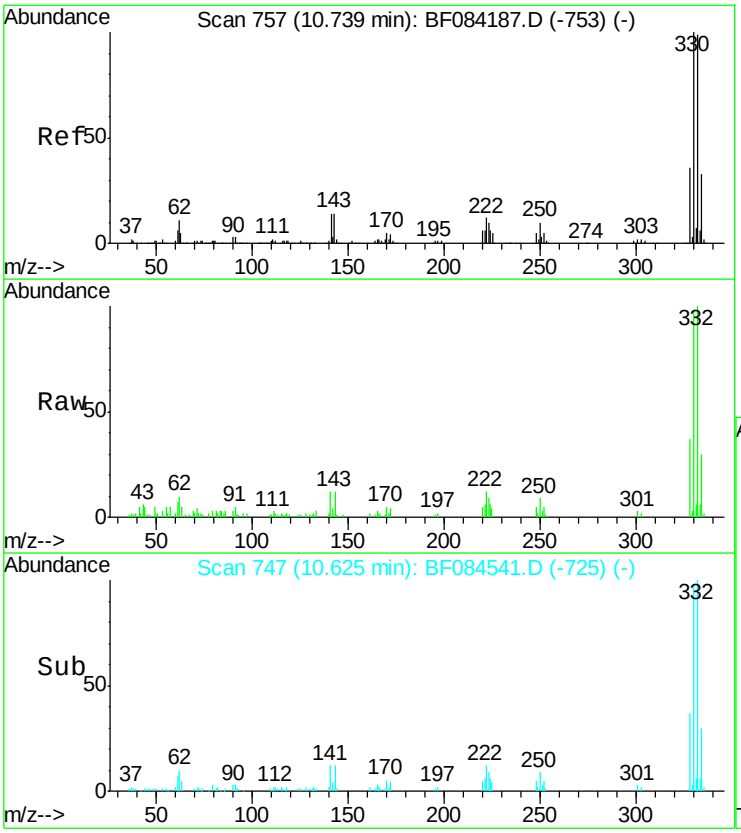
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF084541.D
Acq: 18 Jan 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-011416DL

Tgt Ion:164 Resp: 463224

Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.1	127.7
160	48.4	37.5	56.3

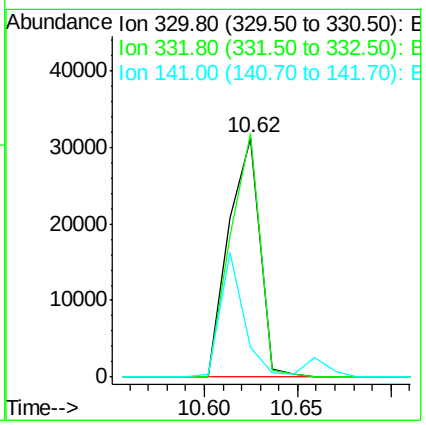


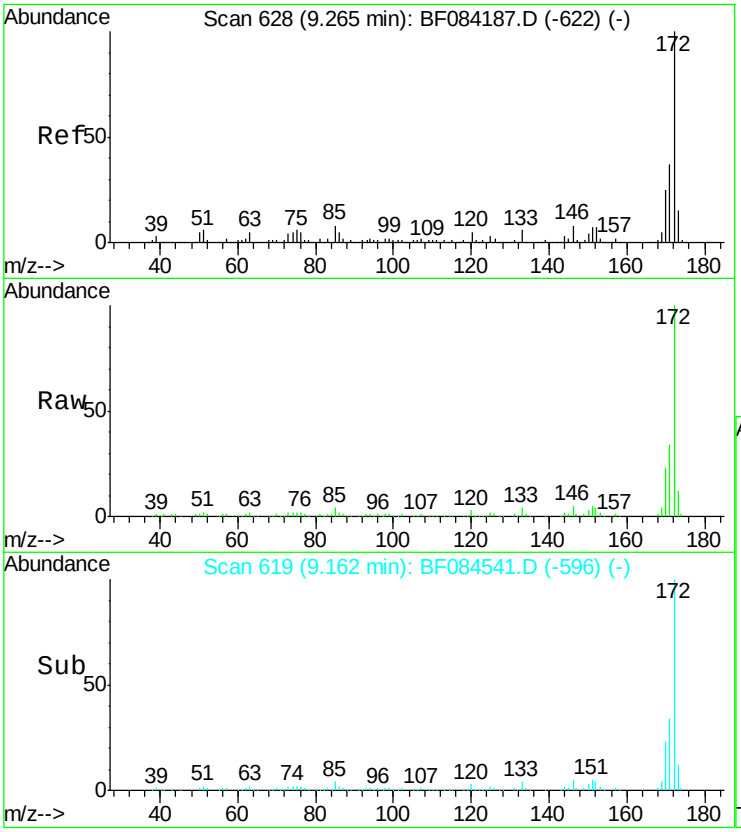


#41
2,4,6-Tribromophenol
Concen: 7.83 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.05 min
Lab File: BF084541.D
Acq: 18 Jan 2016 17:52

Tgt Ion:330 Resp: 36634

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	40.3	27.8	41.6



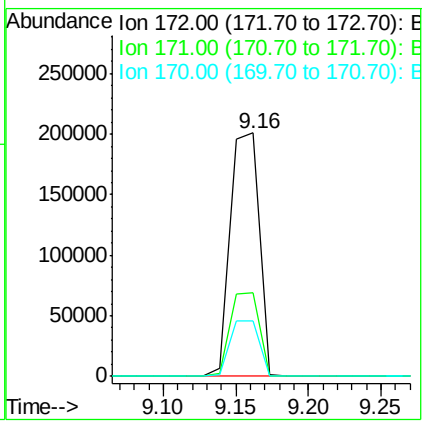


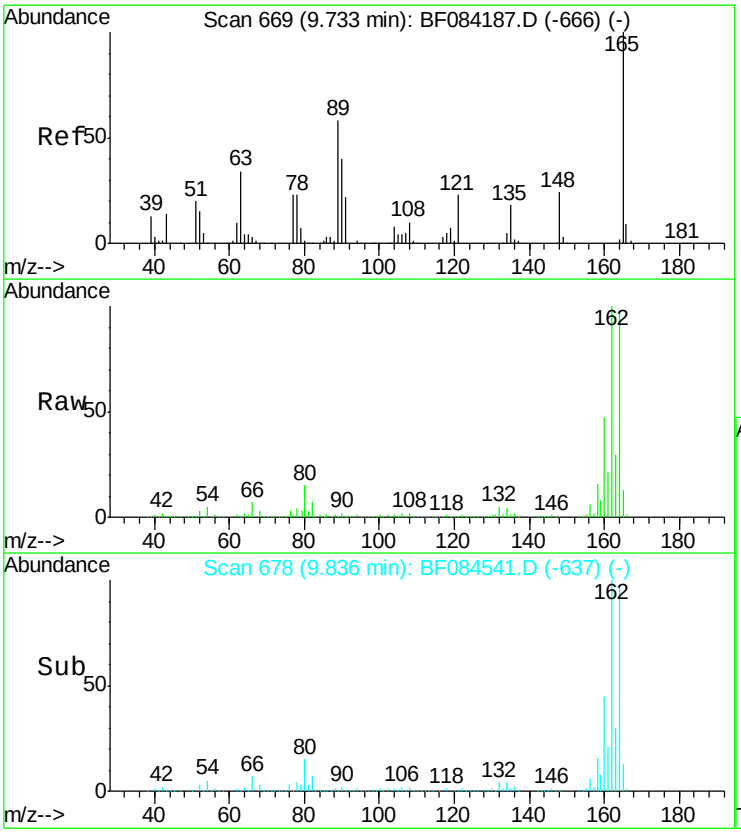
#44
2-Fluorobiphenyl
Concen: 4.57 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.03 min
Lab File: BF084541.D
Acq: 18 Jan 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-011416DL

Tgt Ion:172 Resp: 278062

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.9	43.3
170	22.9	18.6	27.8

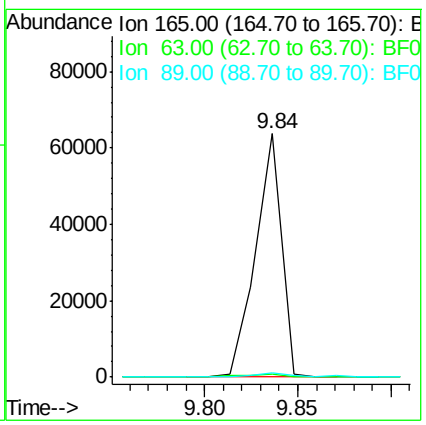


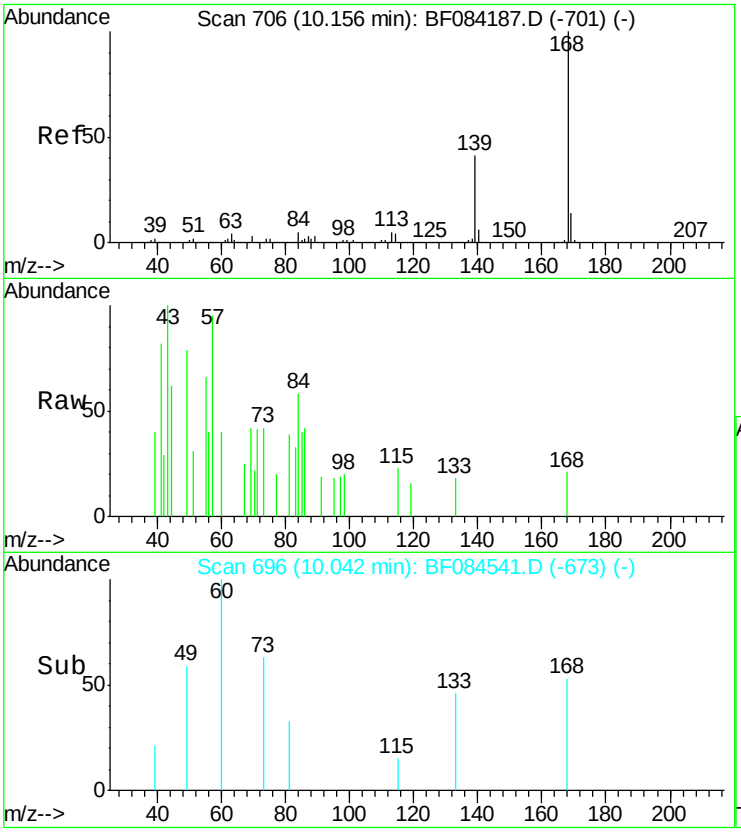


#50
2,6-Dinitrotoluene
Concen: 8.39 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.17 min
Lab File: BF084541.D
Acq: 18 Jan 2016 17:52

Tgt Ion:165 Resp: 60957

Ion	Ratio	Lower	Upper
165	100		
63	1.4	28.8	43.2#
89	1.7	35.1	52.7#



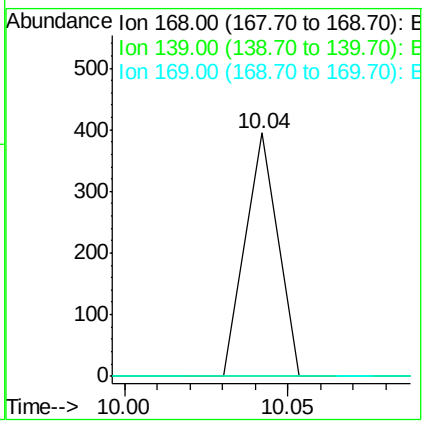


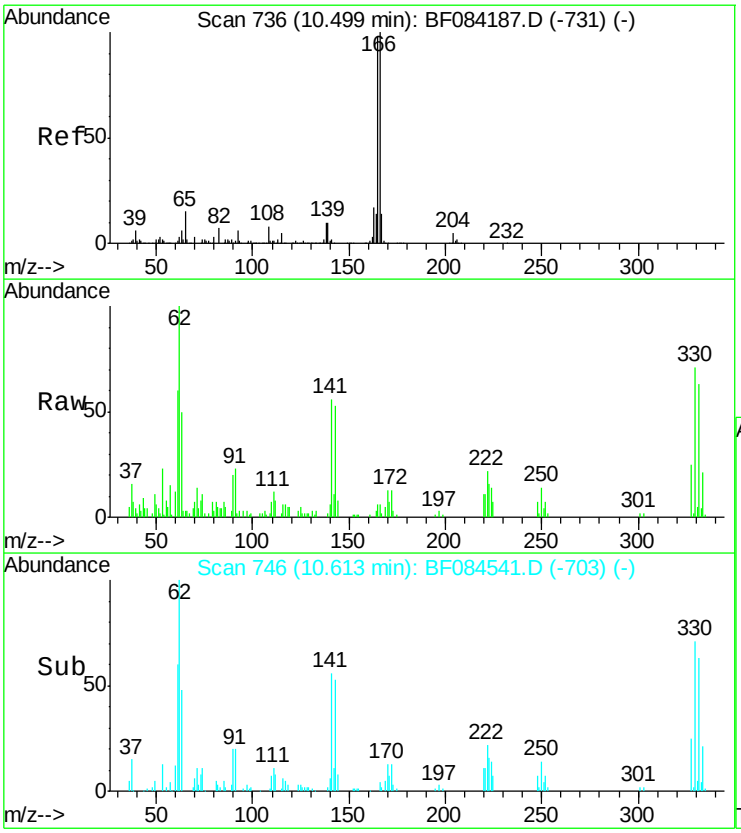
#54
Dibenzofuran
Concen: Below Cal
RT: 10.04 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF084541.D
Acq: 18 Jan 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-011416DL

Tgt Ion:168 Resp: 271

Ion	Ratio	Lower	Upper
168	100		
139	0.0	30.5	45.7#
169	0.0	10.4	15.6#

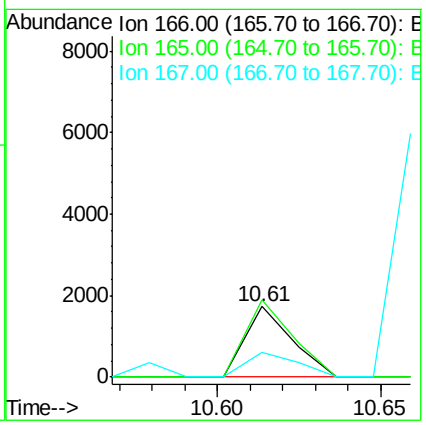


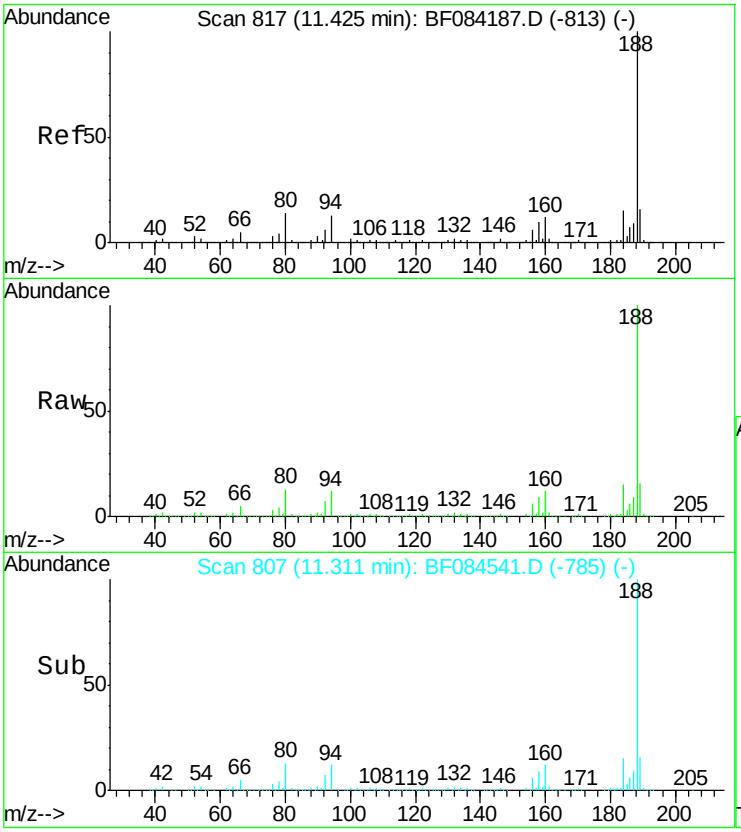


#57
Fluorene
Concen: Below Cal
RT: 10.61 min Scan# 746
Delta R.T. 0.19 min
Lab File: BF084541.D
Acq: 18 Jan 2016 17:52

Tgt Ion:166 Resp: 1681

Ion	Ratio	Lower	Upper
166	100		
165	109.7	79.1	118.7
167	36.0	10.4	15.6#



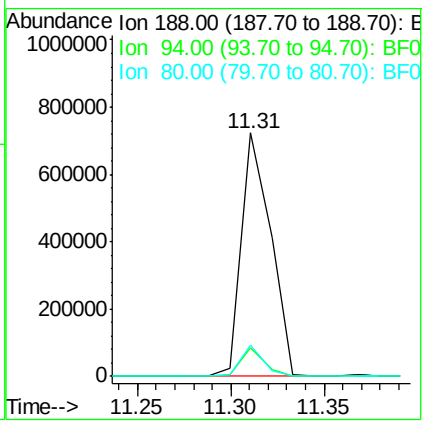


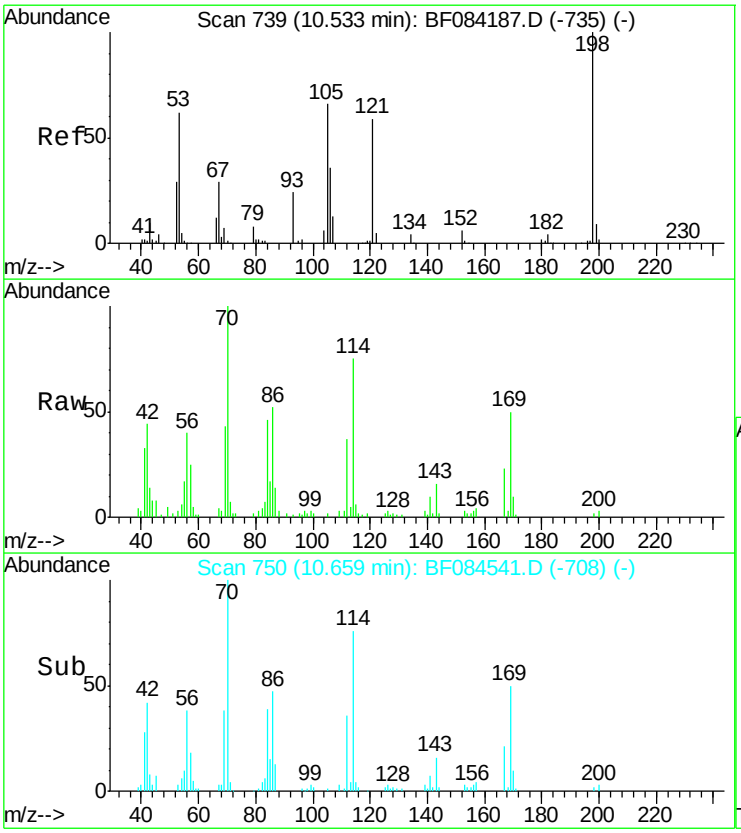
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF084541.D
Acq: 18 Jan 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-011416DL

Tgt Ion:188 Resp: 799035

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.0	13.4
80	12.8	9.6	14.4

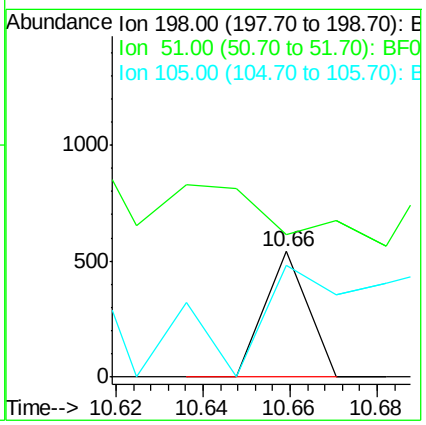


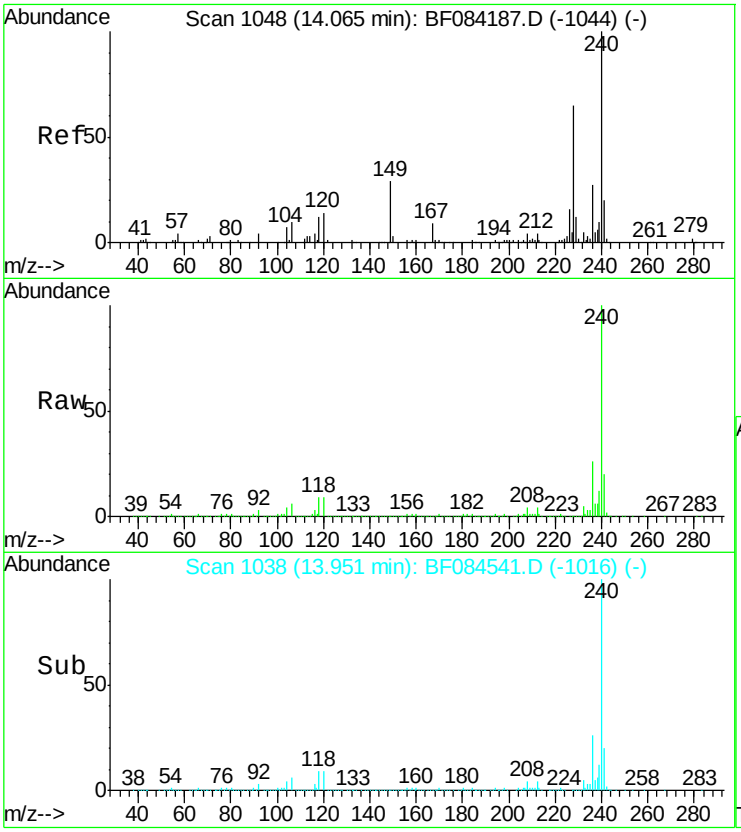


#64
4,6-Dinitro-2-methylphenol
Concen: 6.48 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.18 min
Lab File: BF084541.D
Acq: 18 Jan 2016 17:52

Tgt Ion:198 Resp: 370

Ion	Ratio	Lower	Upper
198	100		
51	113.3	18.9	58.9#
105	89.4	26.4	66.4#



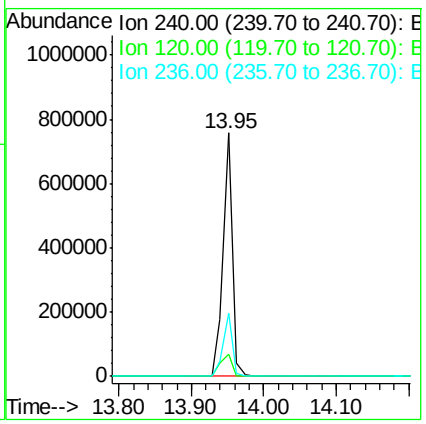


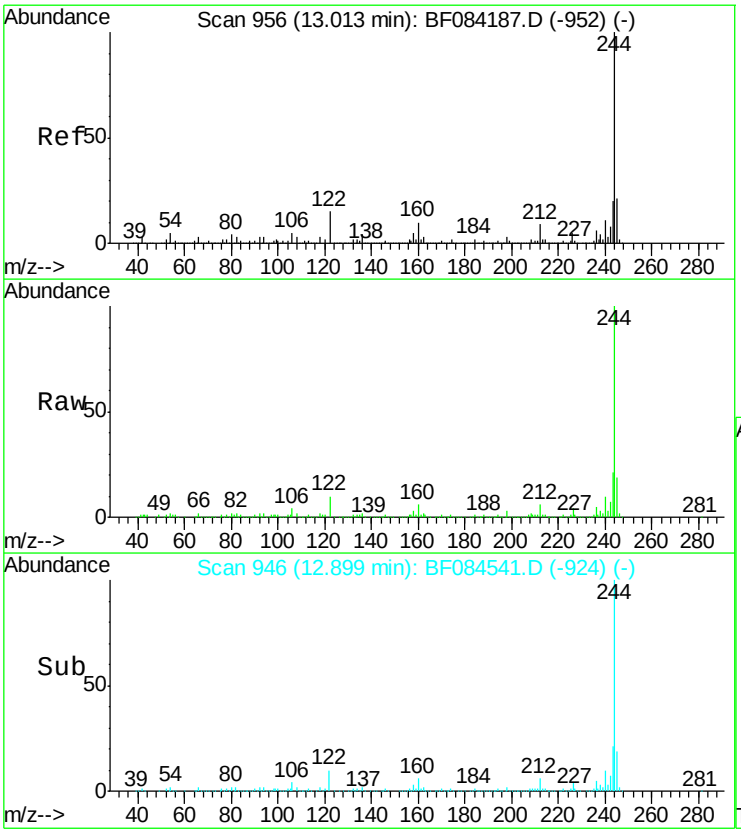
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF084541.D
Acq: 18 Jan 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-011416DL

Tgt Ion:240 Resp: 683685

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	25.8	20.6	31.0

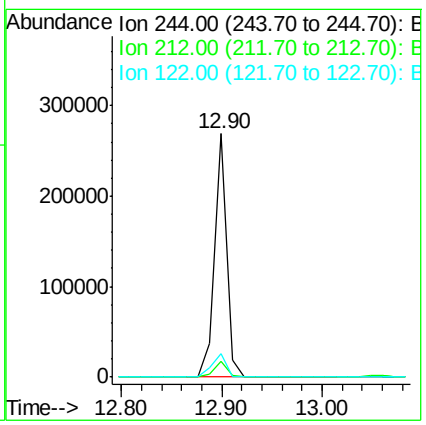


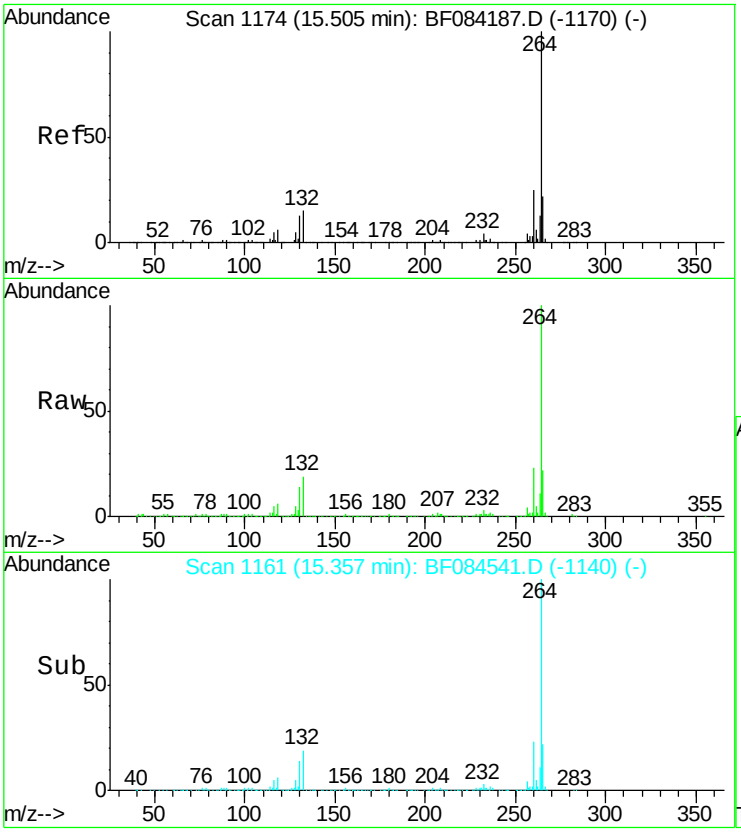


#78
Terphenyl-d14
Concen: 7.37 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.05 min
Lab File: BF084541.D
Acq: 18 Jan 2016 17:52

Tgt Ion:244 Resp: 225765

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.7	8.5
122	9.8	7.4	11.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.06 min
Lab File: BF084541.D
Acq: 18 Jan 2016 17:52

Instrument :
BNA_F
ClientSampleId :
SYS-DIS-011416DL

Tgt Ion:264 Resp: 454115

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.8	17.8	26.6