Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071816\
Data File : BF089086.D
Acq On : 18 Jul 2016 17:11
Operator : UM/SJ
Sample : H3951-15 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB05(2-4ft)

Quant Time: Jul 19 03:15:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	61580	20.00	ng	-0.07
21) Naphthalene-d8	7.93	136	215915	20.00	ng	-0.07
38) Acenaphthene-d10	9.67	164	90654	20.00	ng	-0.08
63) Phenanthrene-d10	11.14	188	140891	20.00	ng	-0.08
75) Chrysene-d12	13.77	240	112588	20.00	ng	-0.08
86) Perylene-d12	15.13	264	100856	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	32707	7.96	ng	-0.07
7) Phenol-d6	6.28	99	47293	8.91	ng	-0.07
23) Nitrobenzene-d5	7.20	82	28574	6.94	ng	-0.08
41) 2,4,6-Tribromophenol	10.46	330	5636	6.70	ng	-0.08
44) 2-Fluorobiphenyl	9.00	172	49869	8.69	ng	-0.07
78) Terphenyl-d14	12.73	244	29923	5.92	ng	-0.07
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	9.67	165	11693	8.17	ng	# 37
56) 2,4-Dinitrotoluene	9.67	165	11693	6.25	ng	# 36

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071816\
Data File : BF089086.D
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Operator : UM/SJ
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(2-4ft)

Quant Time: Jul 19 03:15:11 2016
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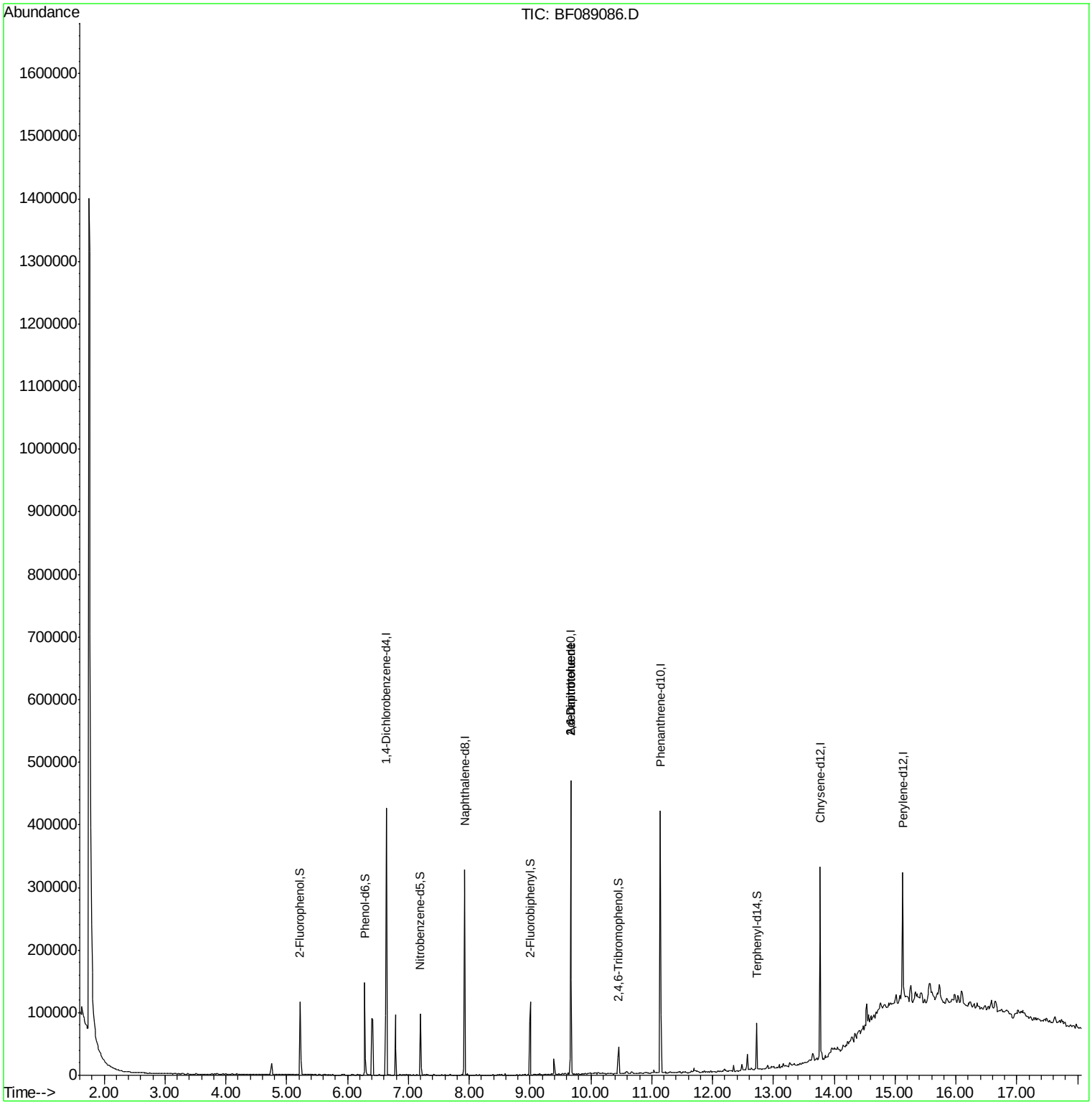
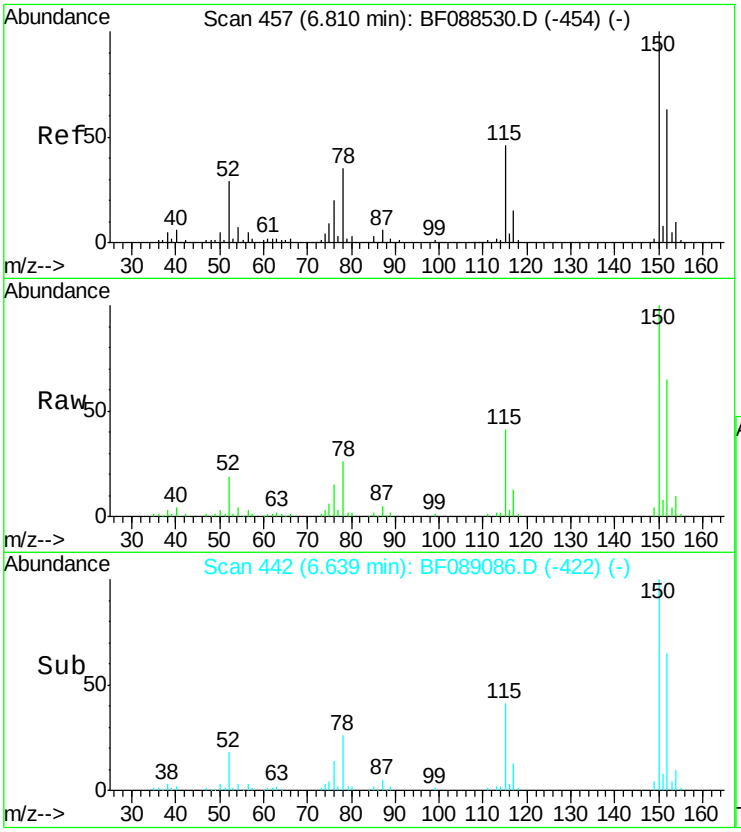


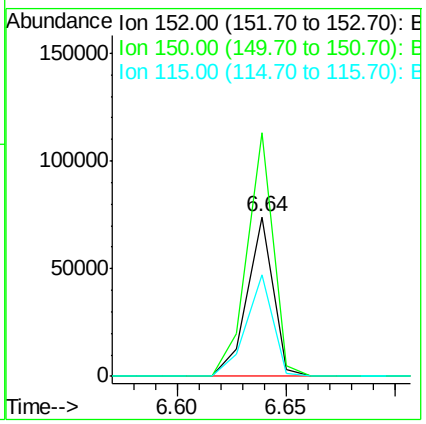


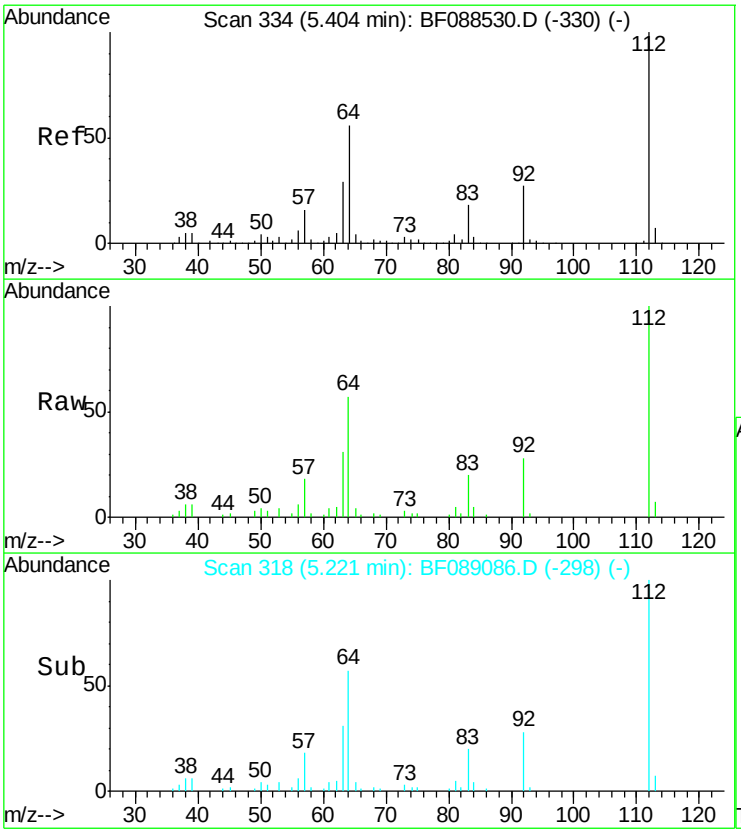
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.07 min
Lab File: BF089086.D
Acq: 18 Jul 2016 17:11

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(2-4ft)

Tgt Ion:152 Resp: 61580

Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.8	185.6
115	63.4	39.6	59.4#

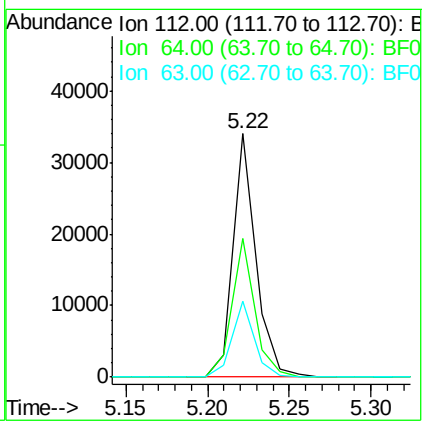


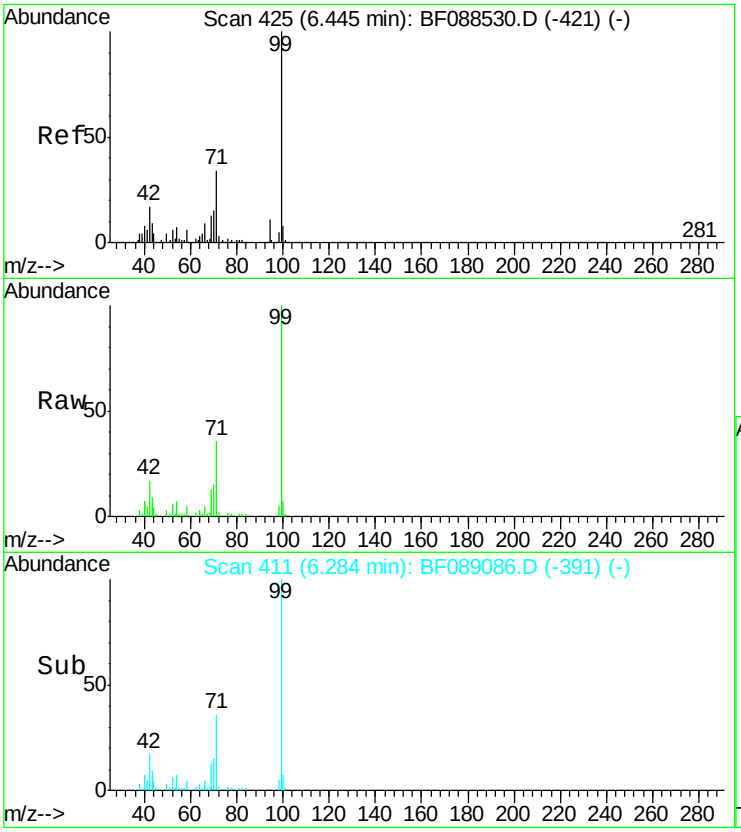


#5
2-Fluorophenol
Concen: 7.96 ng
RT: 5.22 min Scan# 318
Delta R.T. -0.07 min
Lab File: BF089086.D
Acq: 18 Jul 2016 17:11

Tgt Ion:112 Resp: 32707

Ion	Ratio	Lower	Upper
112	100		
64	57.1	42.2	63.2
63	31.2	21.8	32.8



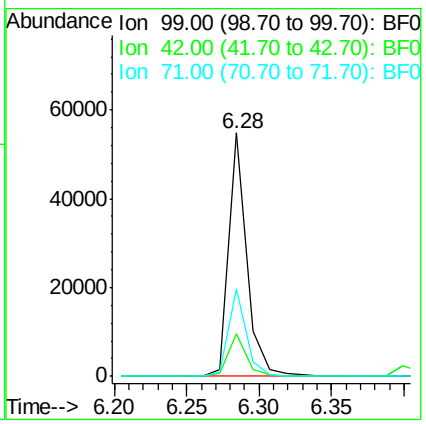


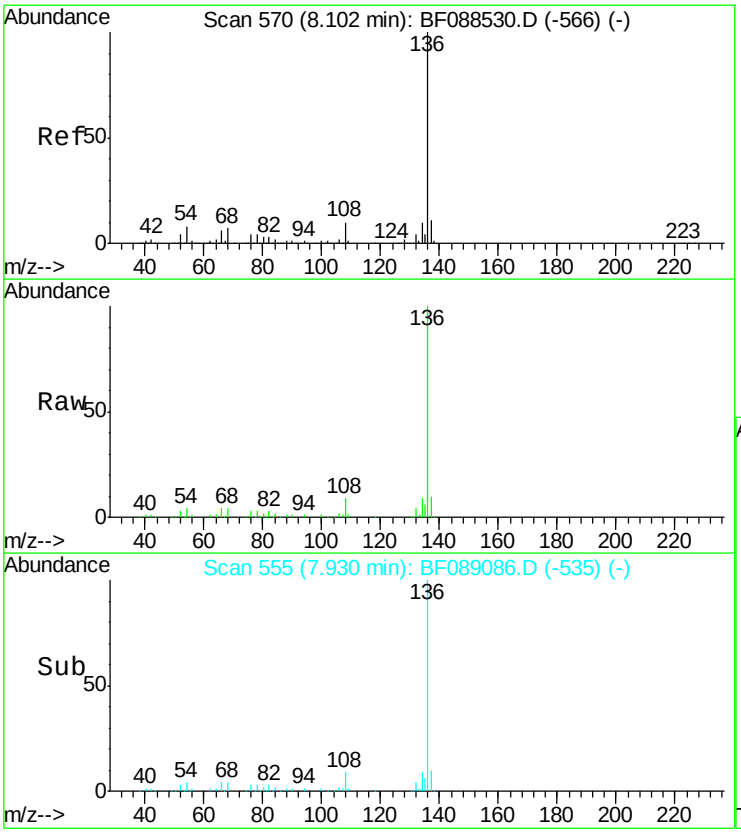
#7
Phenol-d6
Concen: 8.91 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.07 min
Lab File: BF089086.D
Acq: 18 Jul 2016 17:11

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(2-4ft)

Tgt Ion: 99 Resp: 47293

Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.2	18.2
71	35.9	23.4	35.0#

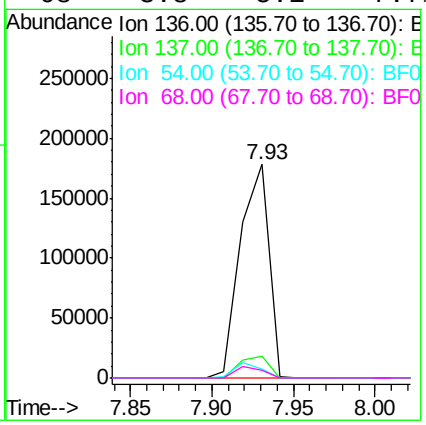


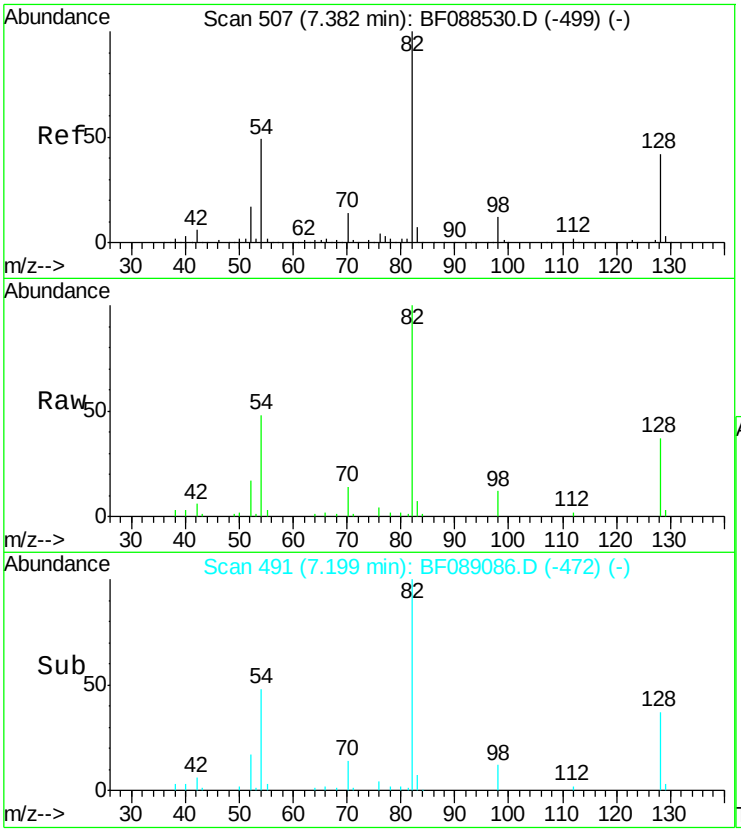


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.07 min
Lab File: BF089086.D
Acq: 18 Jul 2016 17:11

Tgt Ion:136 Resp: 215915

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	4.4	6.6	10.0#
68	3.8	5.1	7.7#



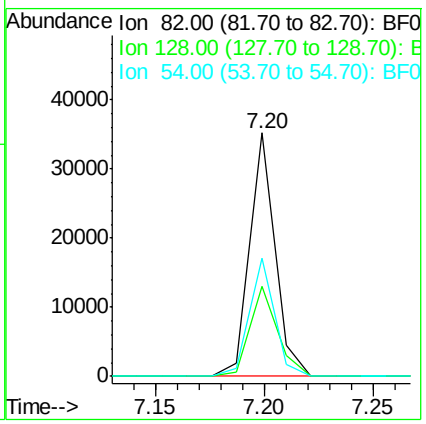


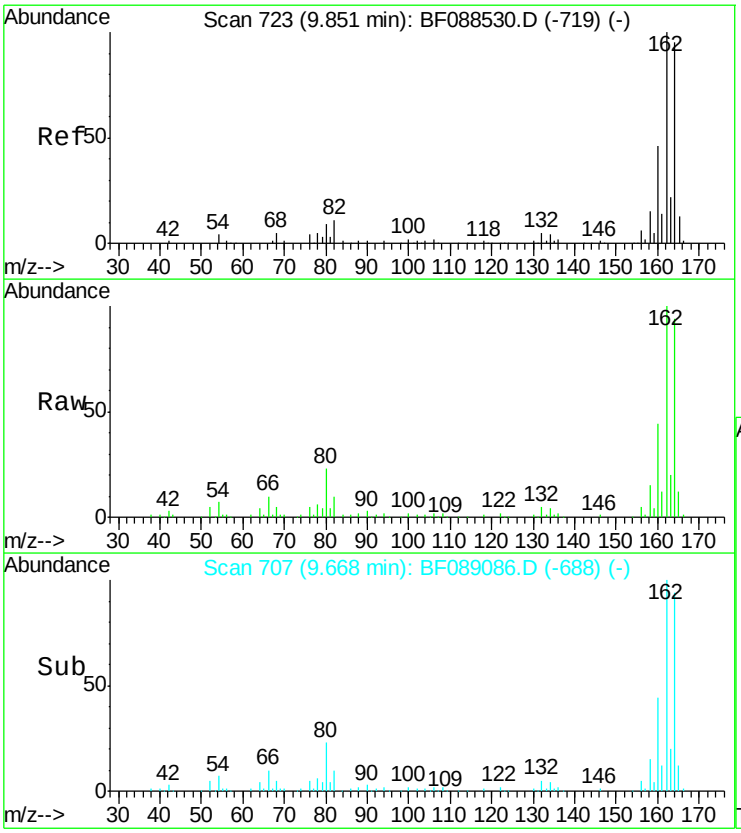
#23
Nitrobenzene-d5
Concen: 6.94 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.08 min
Lab File: BF089086.D
Acq: 18 Jul 2016 17:11

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(2-4ft)

Tgt Ion: 82 Resp: 28574

Ion	Ratio	Lower	Upper
82	100		
128	36.9	35.9	53.9
54	48.4	40.9	61.3

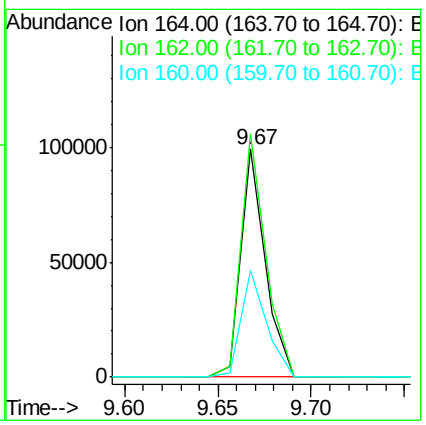


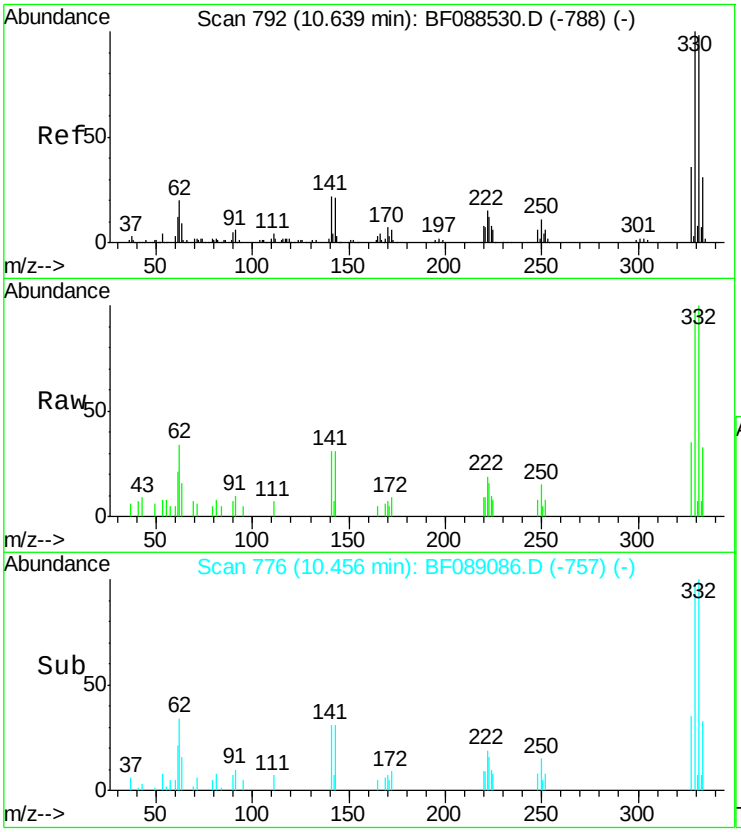


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.08 min
Lab File: BF089086.D
Acq: 18 Jul 2016 17:11

Tgt Ion:164 Resp: 90654

Ion	Ratio	Lower	Upper
164	100		
162	106.9	85.4	128.2
160	46.9	39.5	59.3



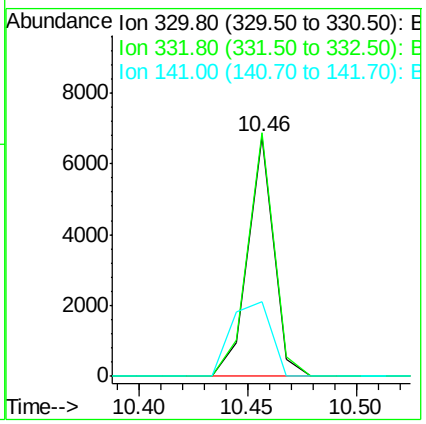


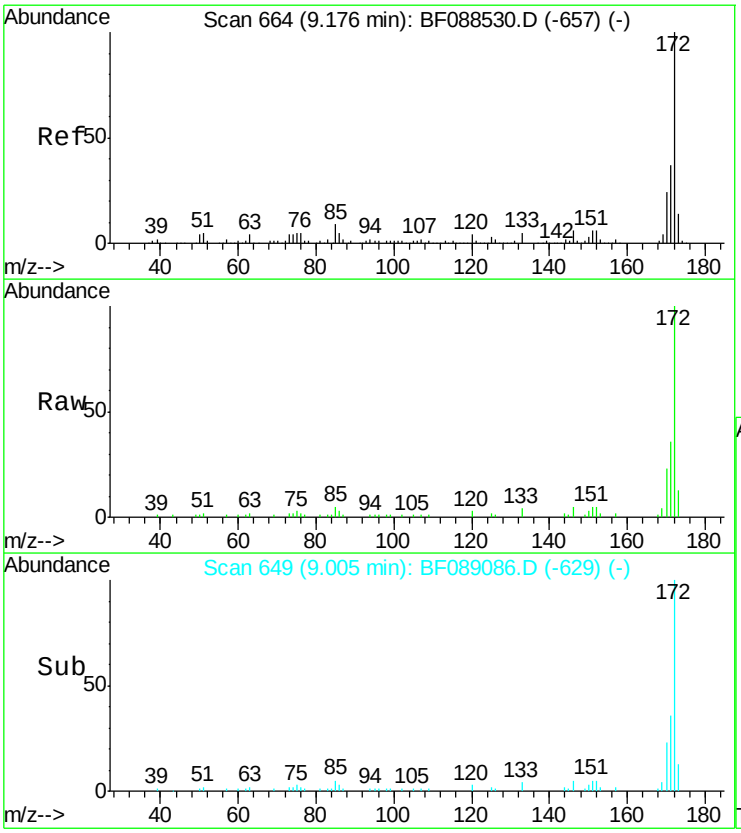
#41
2,4,6-Tribromophenol
Concen: 6.70 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.08 min
Lab File: BF089086.D
Acq: 18 Jul 2016 17:11

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(2-4ft)

Tgt Ion:330 Resp: 5636

Ion	Ratio	Lower	Upper
330	100		
332	103.1	0.0	0.0#
141	47.7	0.0	0.0#

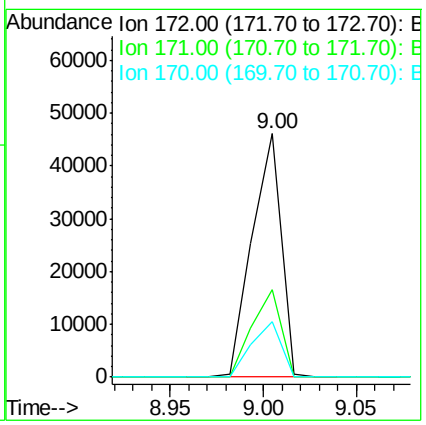


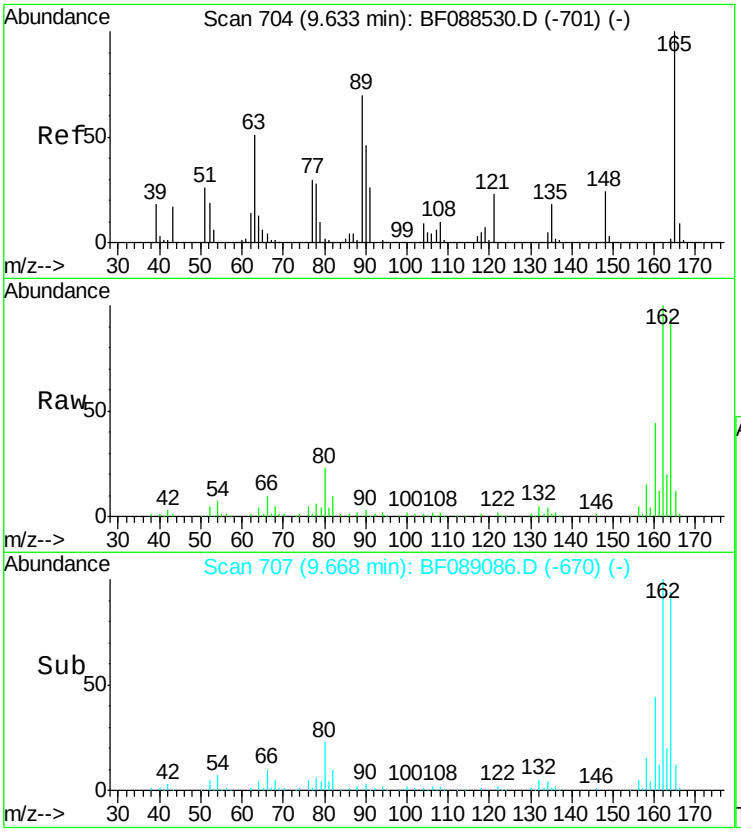


#44
2-Fluorobiphenyl
Concen: 8.69 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.07 min
Lab File: BF089086.D
Acq: 18 Jul 2016 17:11

Tgt Ion:172 Resp: 49869

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	22.9	19.2	28.8



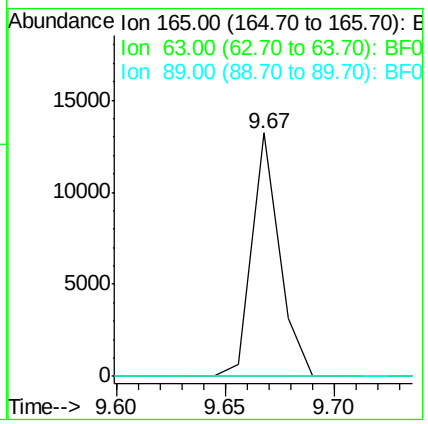


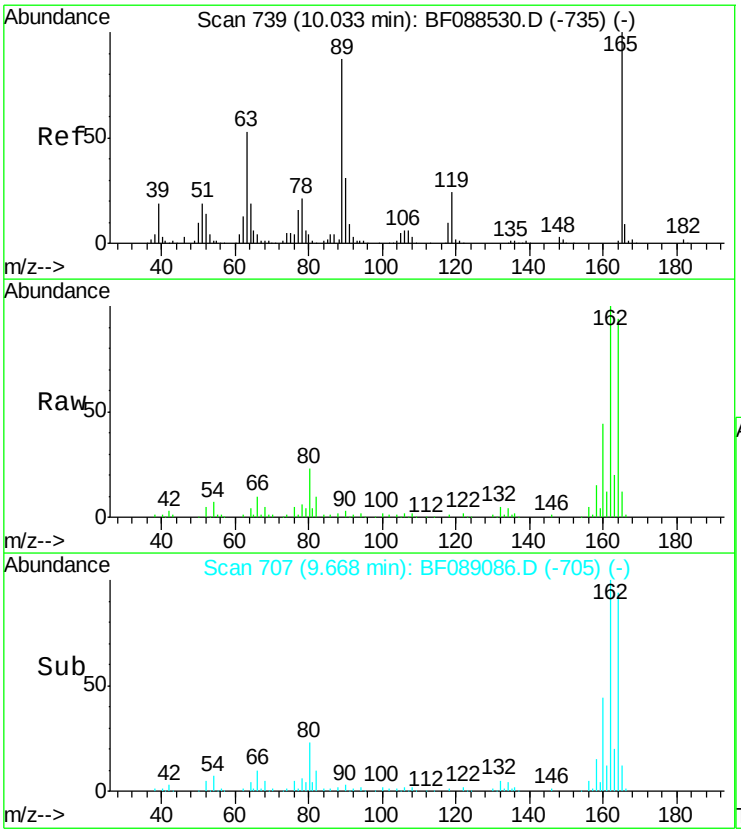
#50
2,6-Dinitrotoluene
Concen: 8.17 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.13 min
Lab File: BF089086.D
Acq: 18 Jul 2016 17:11

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(2-4ft)

Tgt Ion:165 Resp: 11693

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#

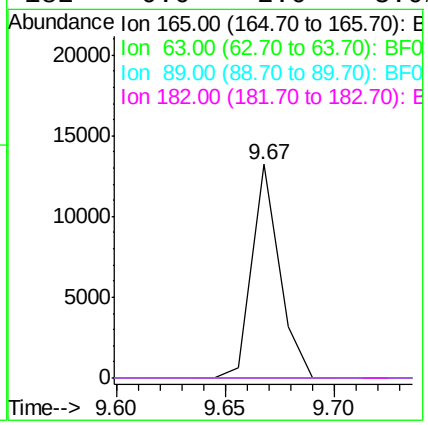


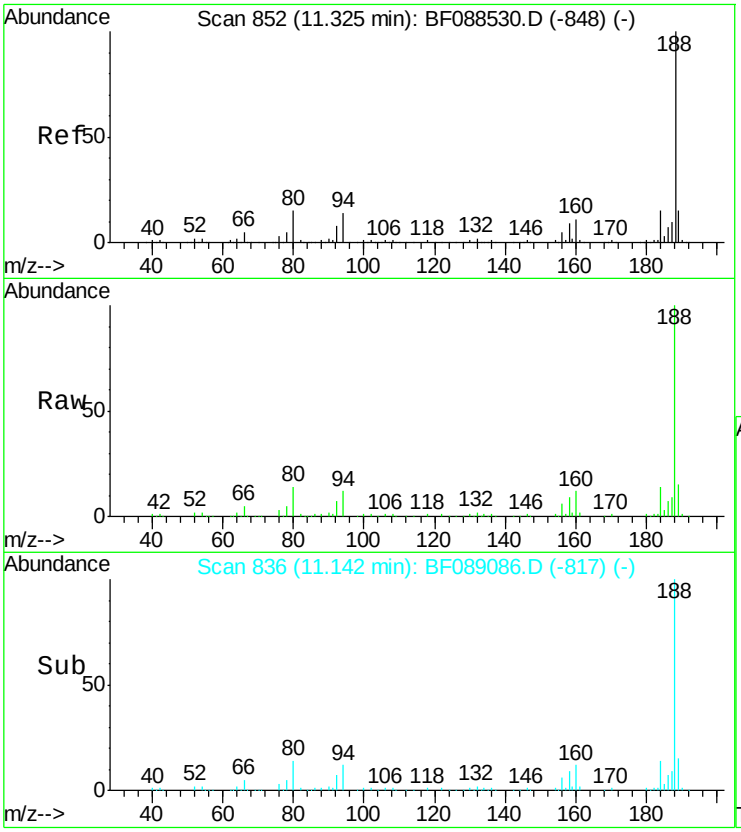


#56
2,4-Dinitrotoluene
Concen: 6.25 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.27 min
Lab File: BF089086.D
Acq: 18 Jul 2016 17:11

Tgt Ion:165 Resp: 11693

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#



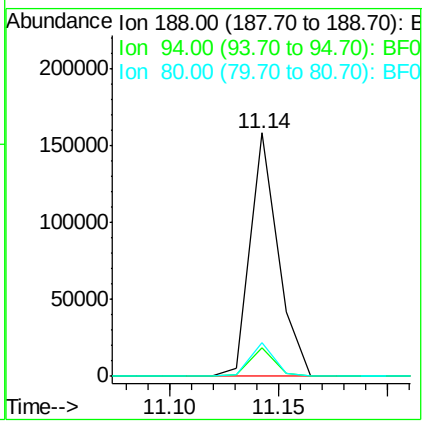


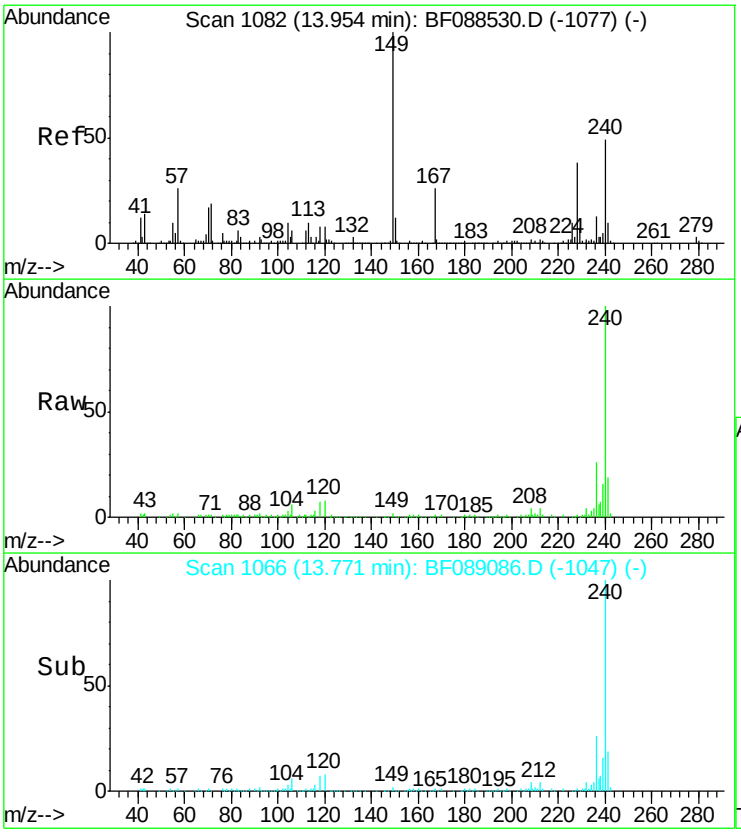
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.08 min
Lab File: BF089086.D
Acq: 18 Jul 2016 17:11

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(2-4ft)

Tgt Ion:188 Resp: 140891

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.0	13.6
80	13.7	10.0	15.0

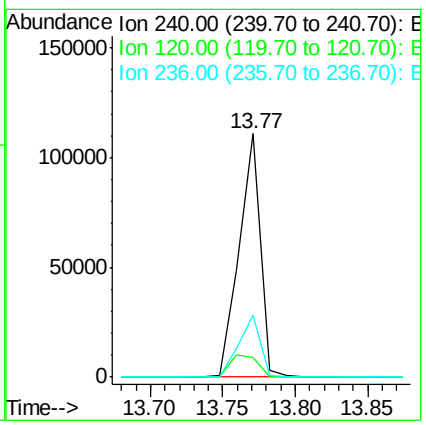


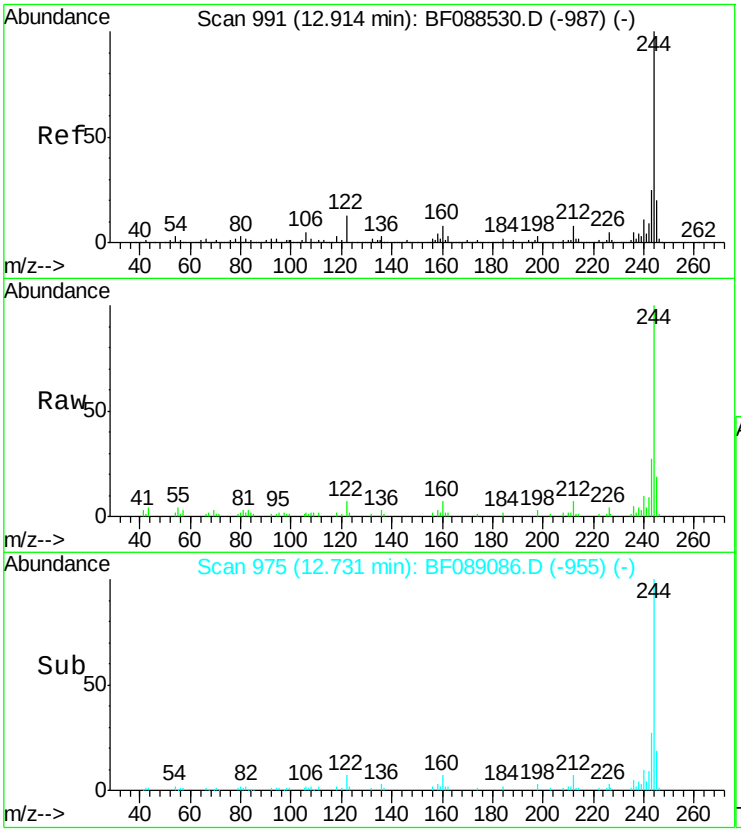


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.08 min
Lab File: BF089086.D
Acq: 18 Jul 2016 17:11

Tgt Ion:240 Resp: 112588

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.8	10.2
236	25.6	20.2	30.2



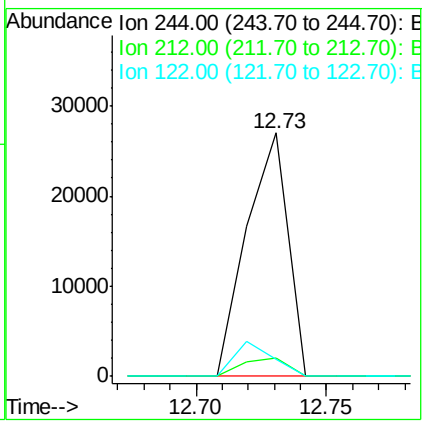


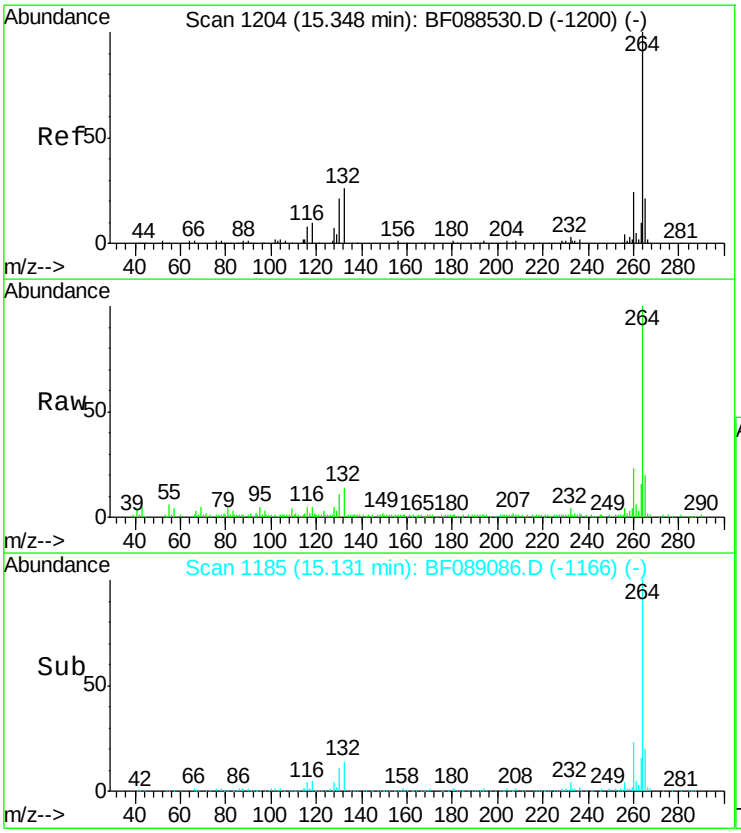
#78
Terphenyl-d14
Concen: 5.92 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.07 min
Lab File: BF089086.D
Acq: 18 Jul 2016 17:11

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(2-4ft)

Tgt Ion:244 Resp: 29923

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	7.2	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.08 min
Lab File: BF089086.D
Acq: 18 Jul 2016 17:11

Tgt Ion:264 Resp: 100856

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.4	16.9	25.3