Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084783.D
Acq On : 3 Feb 2016 9:54
Operator : SJ/IZ
Sample : H1306-08
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLFS-RL01

Quant Time: Feb 03 10:36:36 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	74468	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	259944	20.00	ng	0.01
38) Acenaphthene-d10	9.86	164	142181	20.00	ng	0.09
63) Phenanthrene-d10	11.31	188	209979	20.00	ng	0.07
75) Chrysene-d12	13.87	240	318570	20.00	ng	0.00
86) Perylene-d12	15.23	264	351992	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	351607	73.54	ng	-0.02
7) Phenol-d6	6.36	99	78860	13.31	ng	-0.01
23) Nitrobenzene-d5	7.29	82	786082	170.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	33692	22.72	ng	0.10
44) 2-Fluorobiphenyl	9.17	172	548603	58.69	ng	0.08
78) Terphenyl-d14	12.84	244	781050	55.56	ng	0.01
Target Compounds						Qvalue
31) Naphthalene	8.06	128	1765787	135.42	ng	# 57
37) 2-Methylnaphthalene	8.85	142	6251799	766.09	ng	# 94
45) 1,1'-Biphenyl	9.28	154	701860	55.27	ng	96
65) n-Nitrosodiphenylamine	10.50	169	630014	94.49	ng	# 71
70) Phenanthrene	11.33	178	3143105	269.88	ng	# 88
77) Pyrene	12.70	202	650613	26.67	ng	# 68
83) Bis(2-ethylhexyl)phthalate	13.86	149	86234	6.26	ng	# 73

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

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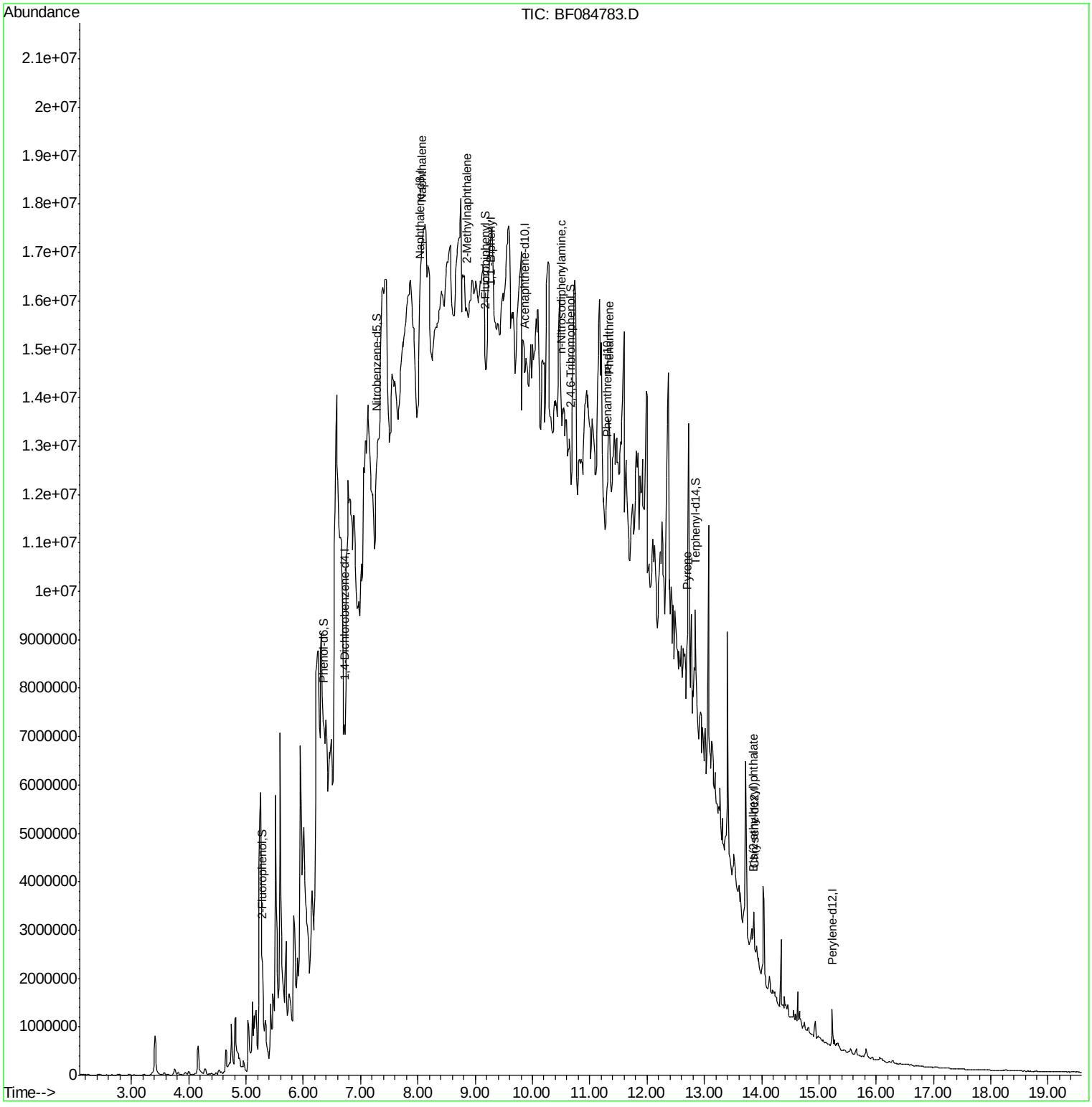
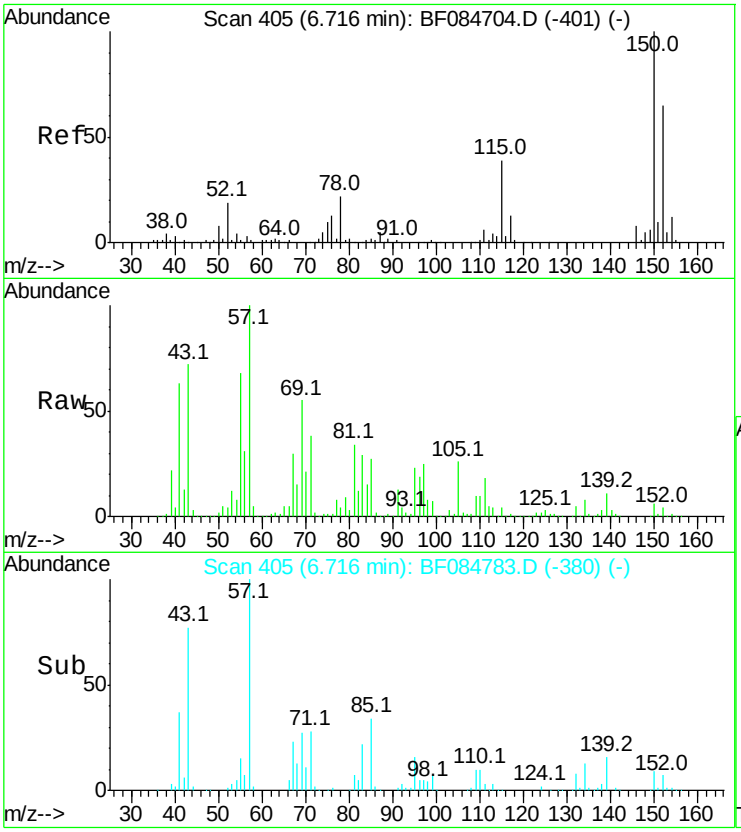


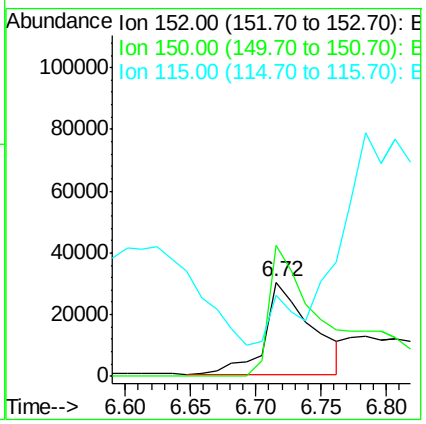


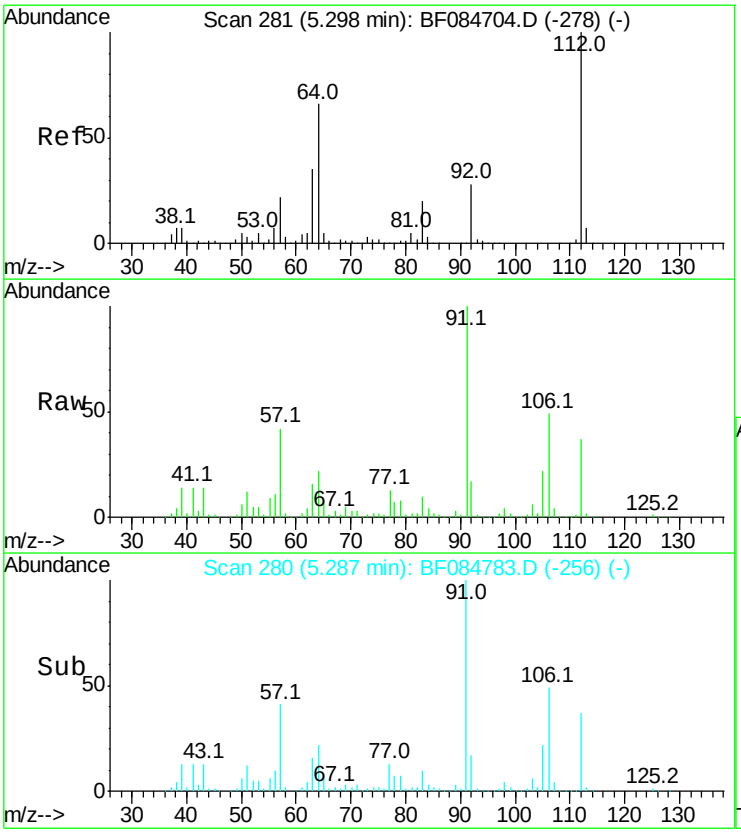
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

Tgt Ion:152 Resp: 74468

Ion	Ratio	Lower	Upper
152	100		
150	138.7	123.0	184.4
115	85.2	51.4	77.2#

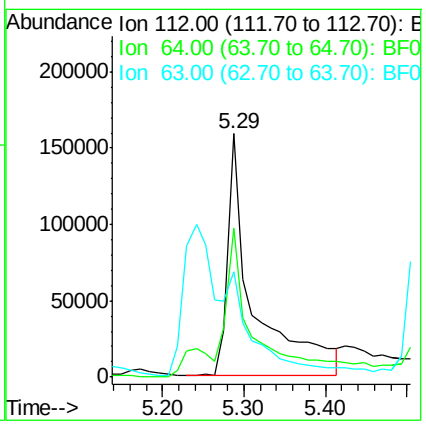


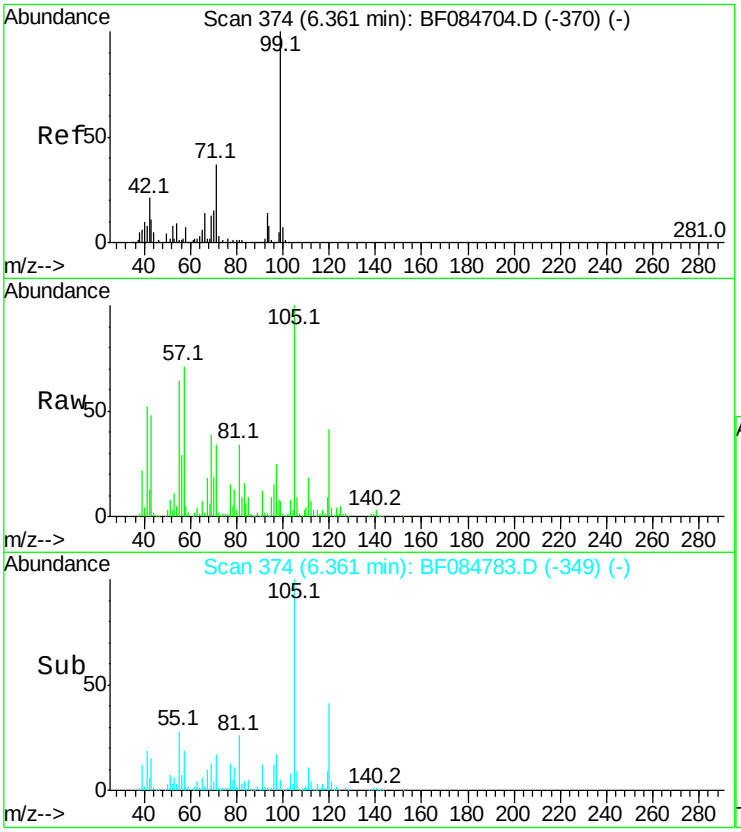


#5
2-Fluorophenol
Concen: 73.54 ng
RT: 5.29 min Scan# 280
Delta R.T. -0.02 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Tgt Ion:112 Resp: 351607

Ion	Ratio	Lower	Upper
112	100		
64	61.0	36.6	55.0#
63	43.5	19.4	29.0#



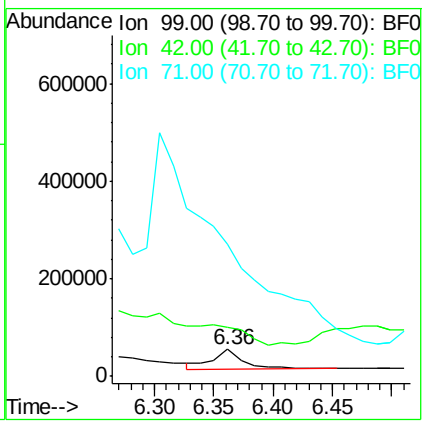


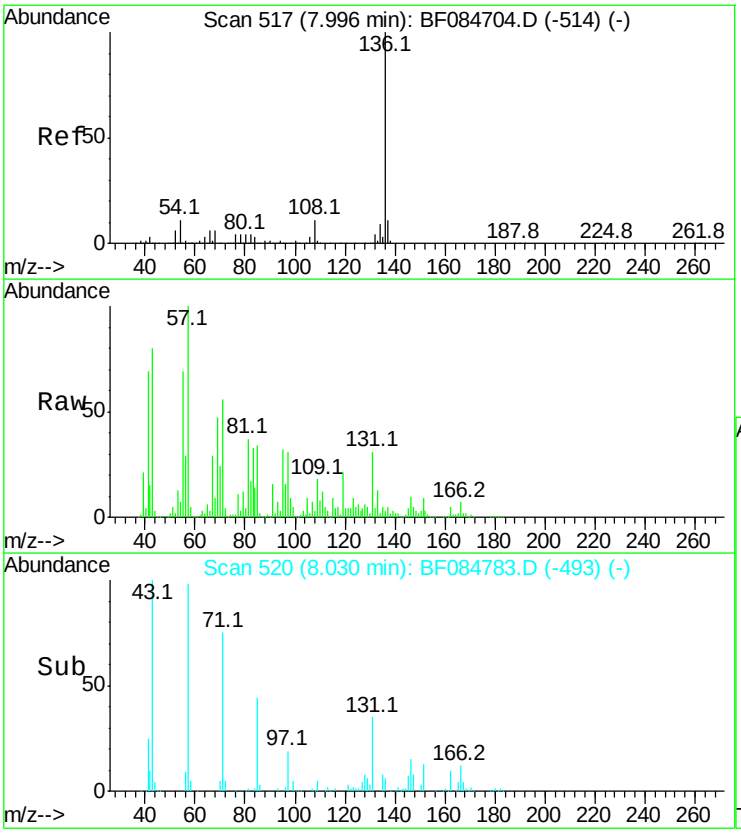
#7
Phenol-d6
Concen: 13.31 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

Tgt Ion: 99 Resp: 78860

Ion	Ratio	Lower	Upper
99	100		
42	184.4	12.8	19.2#
71	493.9	30.9	46.3#

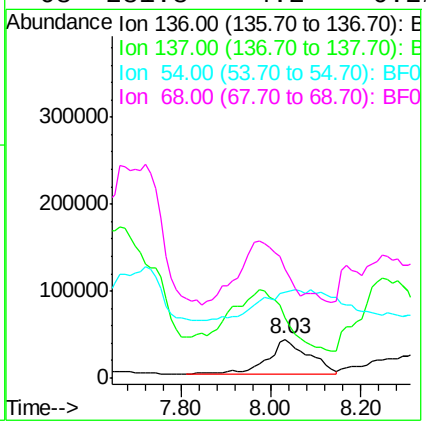


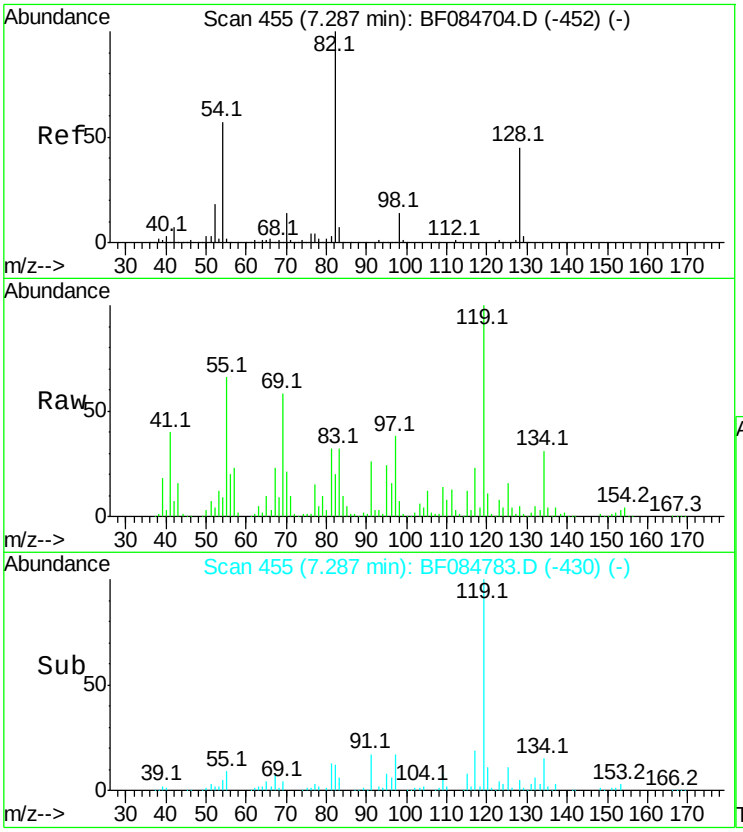


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.01 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Tgt Ion:136 Resp: 259944

Ion	Ratio	Lower	Upper
136	100		
137	154.6	8.7	13.1#
54	223.0	5.8	8.8#
68	281.8	4.2	6.2#



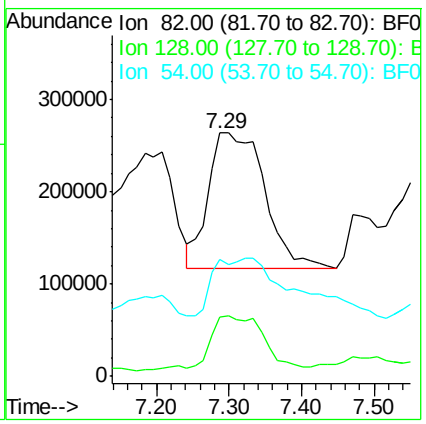


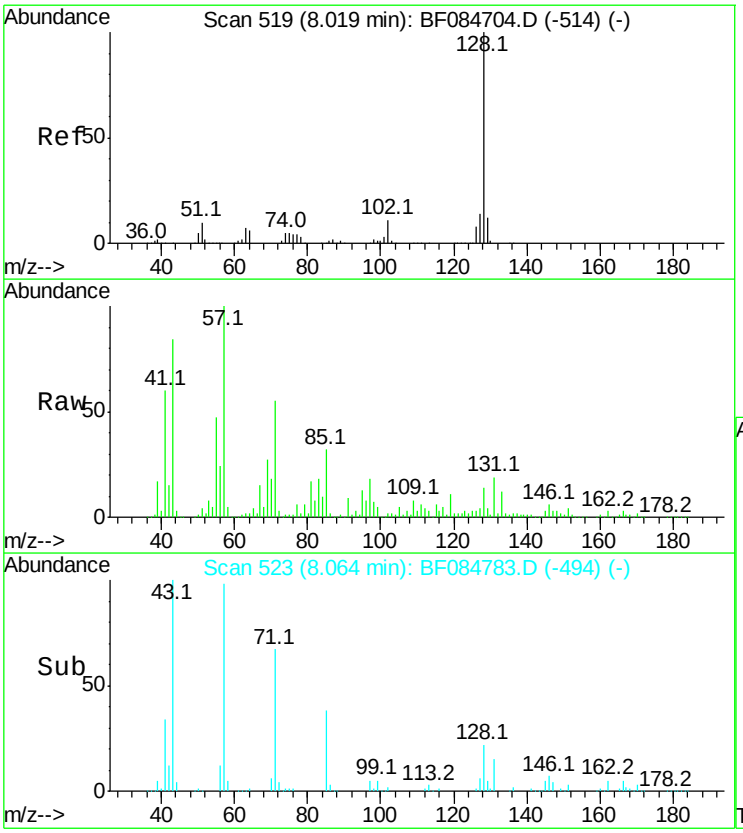
#23
Nitrobenzene-d5
Concen: 170.35 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

Tgt Ion: 82 Resp: 786082

Ion	Ratio	Lower	Upper
82	100		
128	24.2	34.6	51.8#
54	48.0	38.4	57.6

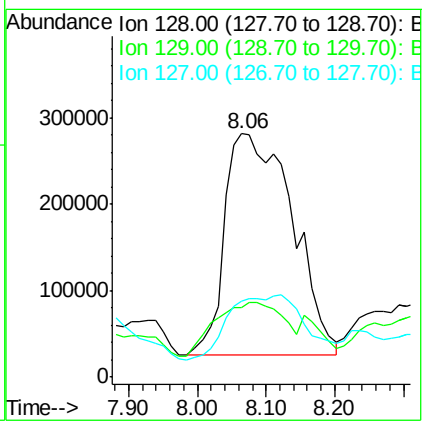


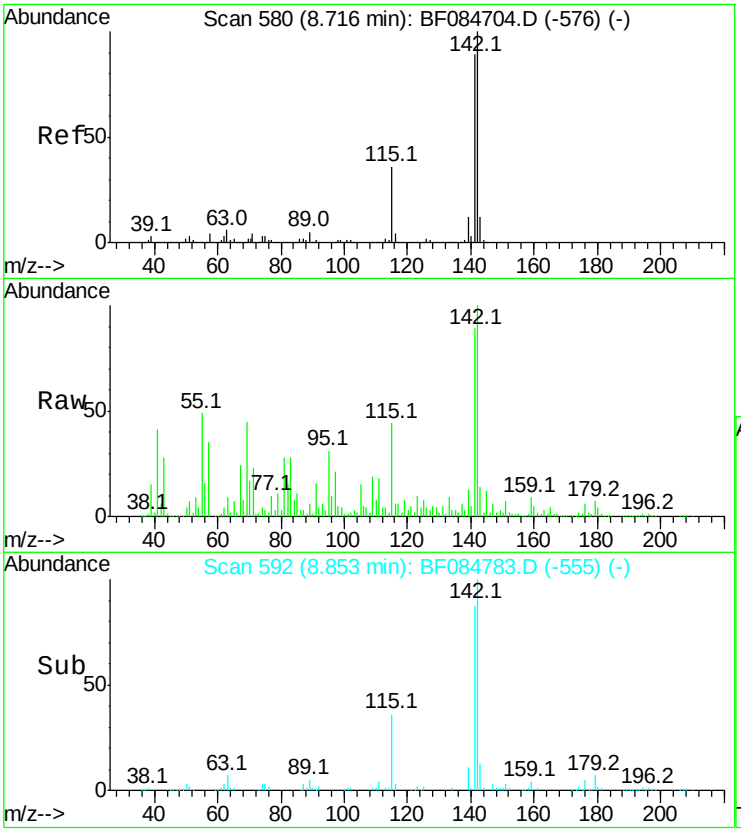


#31
Naphthalene
Concen: 135.42 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.03 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Tgt Ion:128 Resp: 1765787

Ion	Ratio	Lower	Upper
128	100		
129	28.7	9.1	13.7#
127	31.0	11.1	16.7#



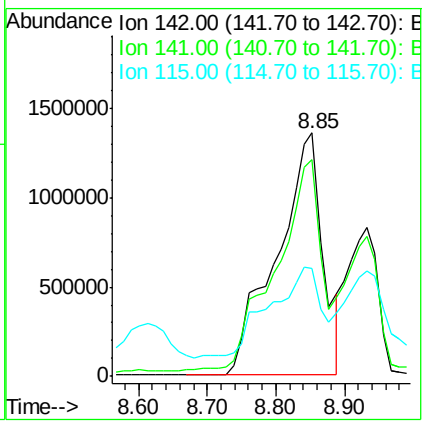


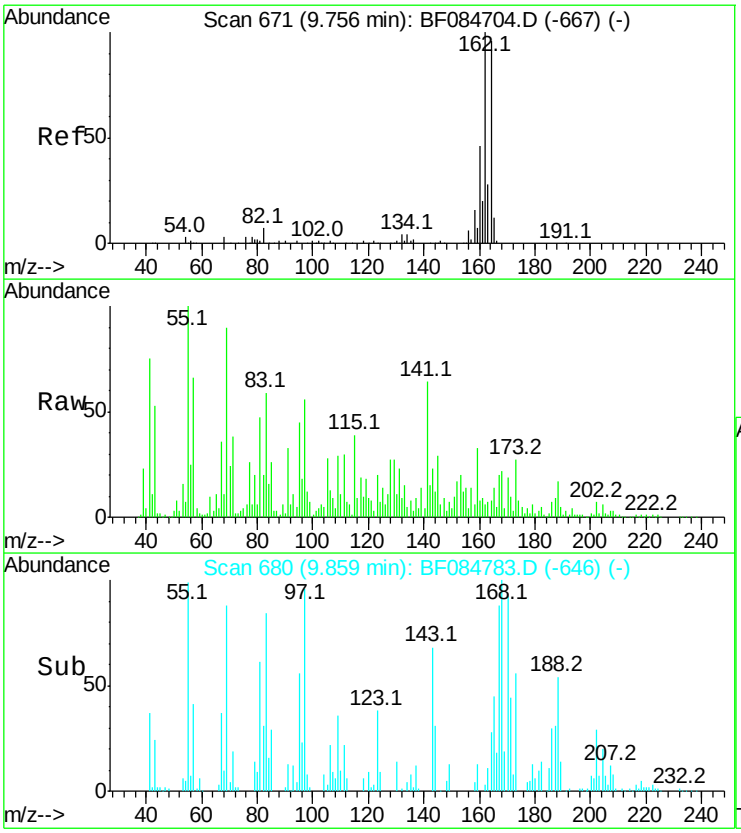
#37
2-Methylnaphthalene
Concen: 766.09 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.13 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

Tgt Ion:142 Resp: 6251799

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.4	108.6
115	44.1	27.9	41.9#

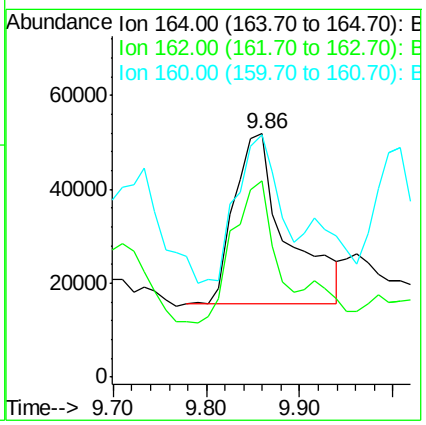


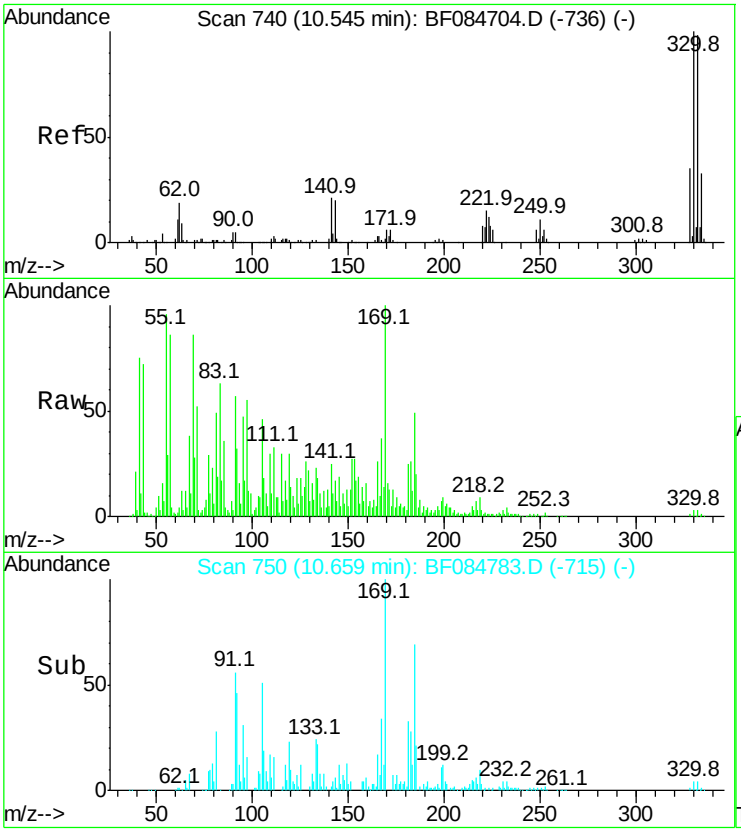


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.09 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Tgt Ion:164 Resp: 142181

Ion	Ratio	Lower	Upper
164	100		
162	80.7	85.1	127.7#
160	99.5	37.5	56.3#



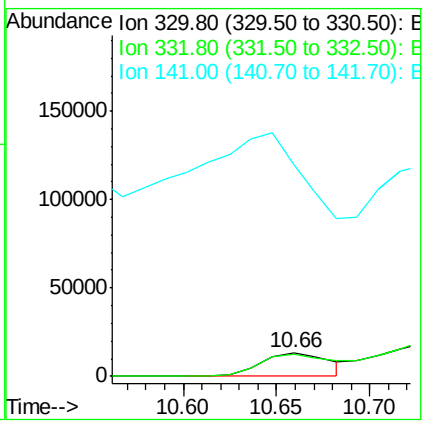


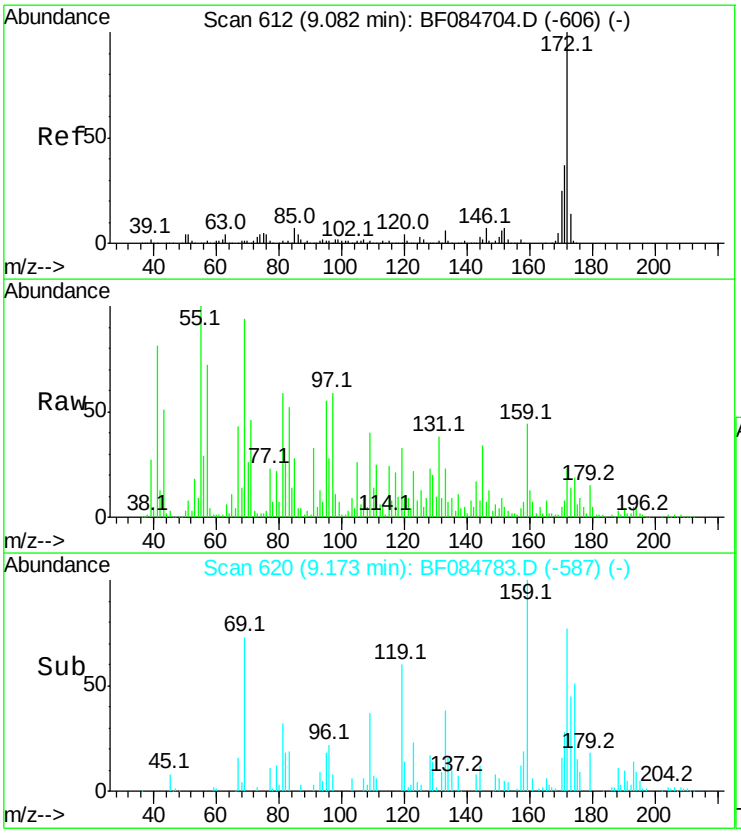
#41
2,4,6-Tribromophenol
Concen: 22.72 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.10 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

Tgt Ion:330 Resp: 33692

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	549.4	27.8	41.6#

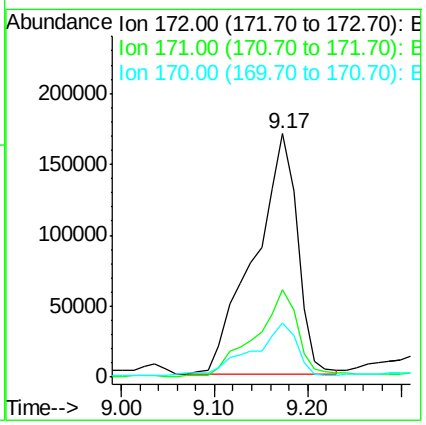


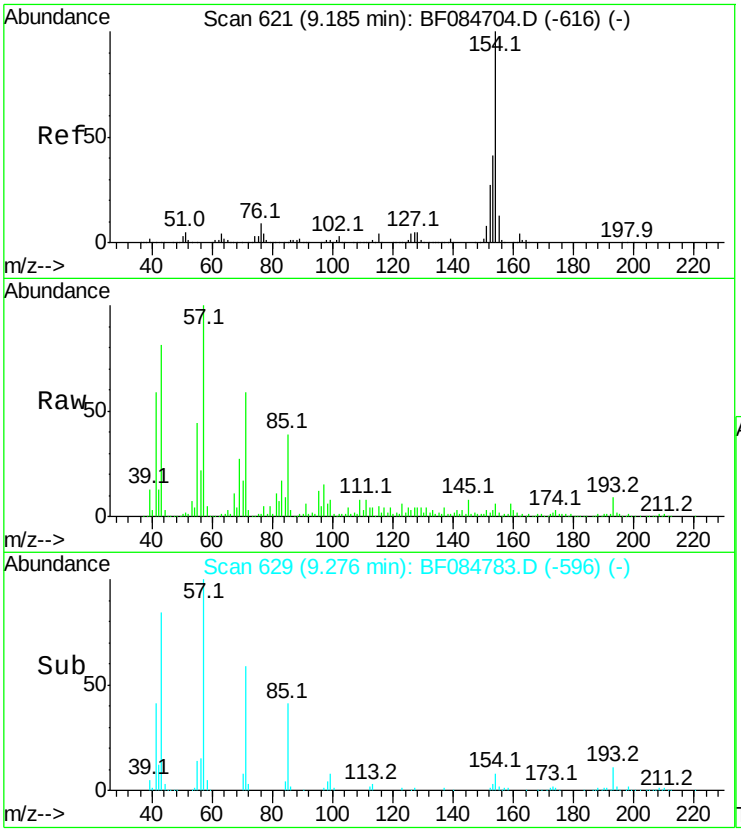


#44
2-Fluorobiphenyl
Concen: 58.69 ng
RT: 9.17 min Scan# 620
Delta R.T. 0.08 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Tgt Ion:172 Resp: 548603

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	22.3	18.6	27.8



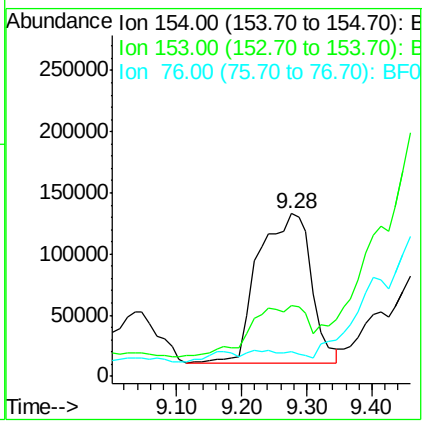


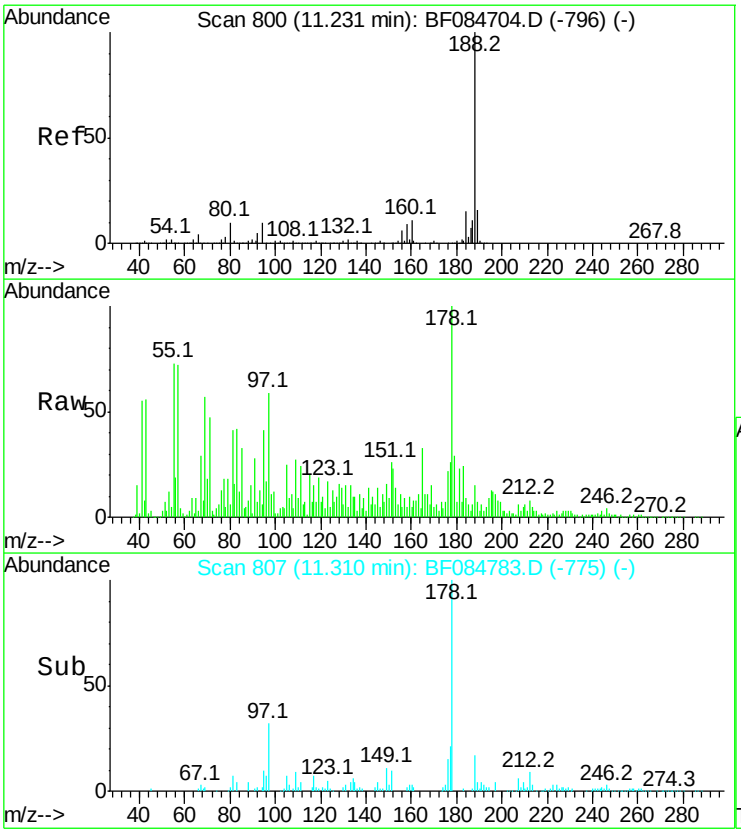
#45
1,1'-Biphenyl
Concen: 55.27 ng
RT: 9.28 min Scan# 629
Delta R.T. 0.08 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

Tgt Ion:154 Resp: 701860

Ion	Ratio	Lower	Upper
154	100		
153	43.8	21.6	61.6
76	15.3	0.0	32.7

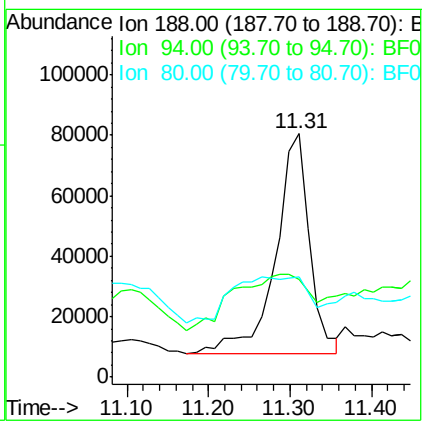


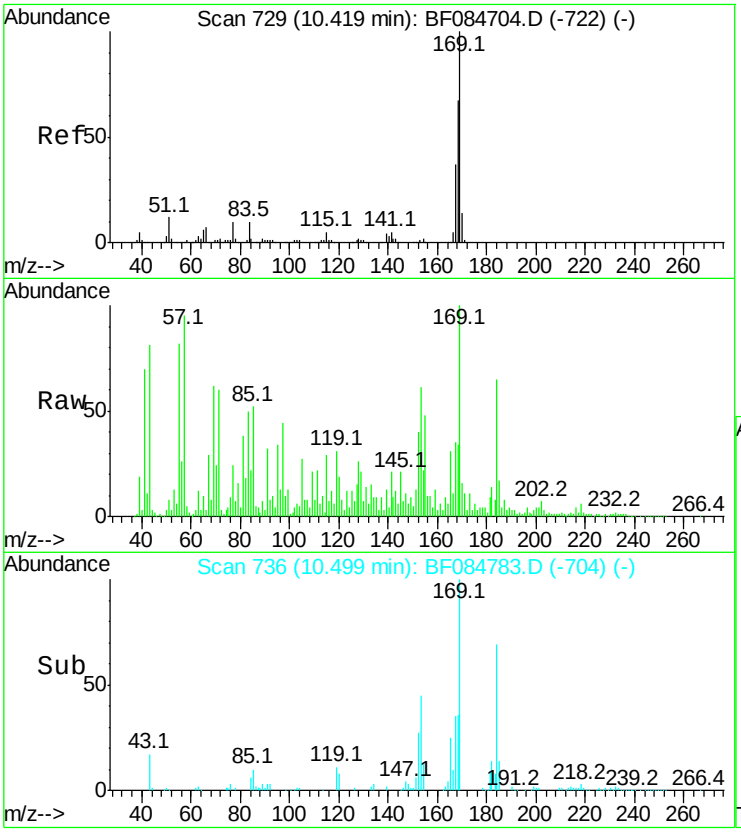


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. 0.07 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Tgt Ion:188 Resp: 209979

Ion	Ratio	Lower	Upper
188	100		
94	40.0	9.0	13.4#
80	41.3	9.6	14.4#



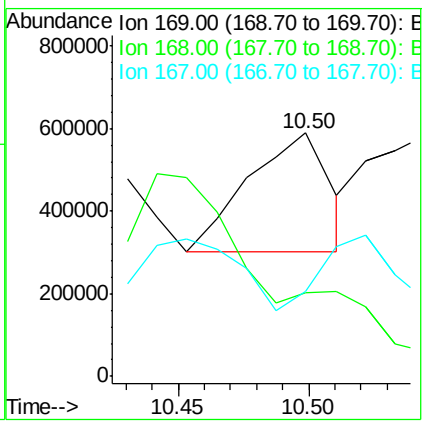


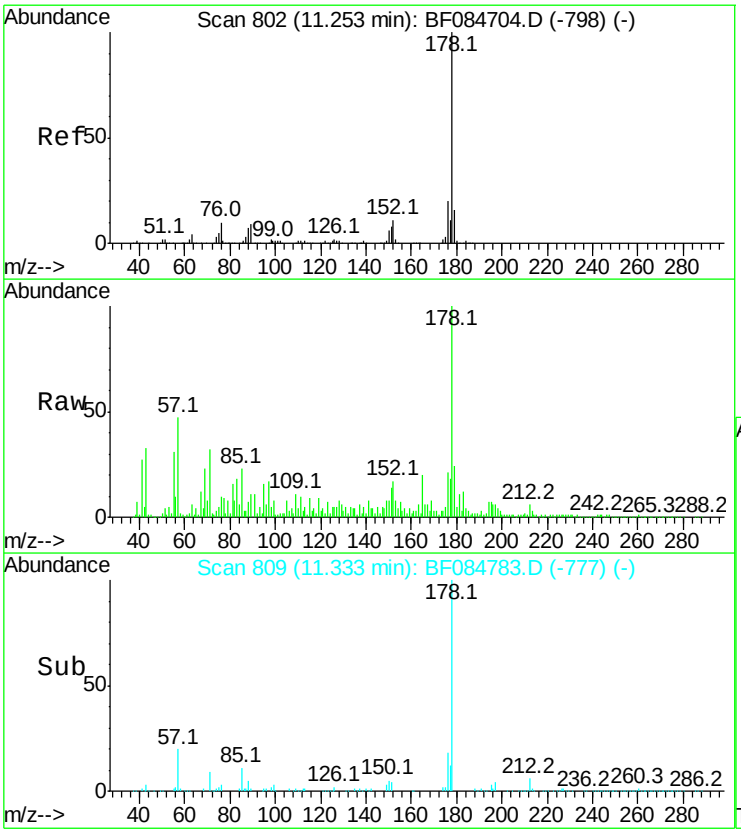
#65
n-Nitrosodiphenylamine
Concen: 94.49 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.07 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

Tgt Ion:169 Resp: 630014

Ion	Ratio	Lower	Upper
169	100		
168	34.4	55.1	82.7#
167	35.1	30.0	45.0

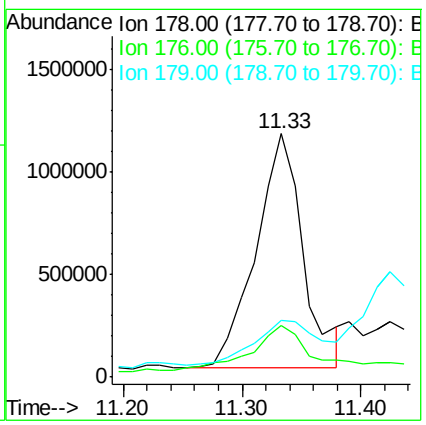


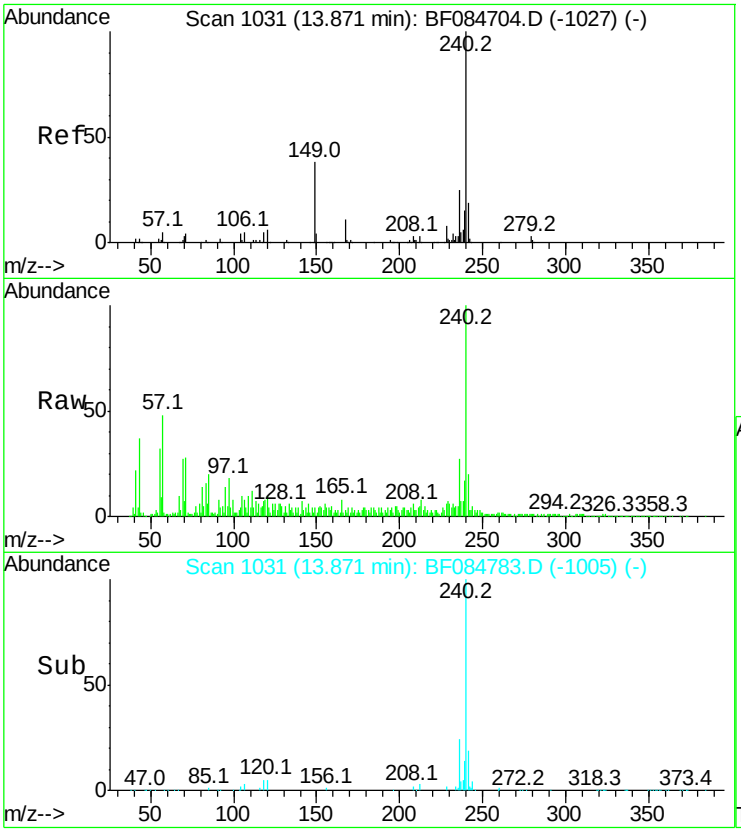


#70
Phenanthrene
Concen: 269.88 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.07 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Tgt Ion:178 Resp: 3143105

Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.3	22.9
179	23.5	12.0	18.0#



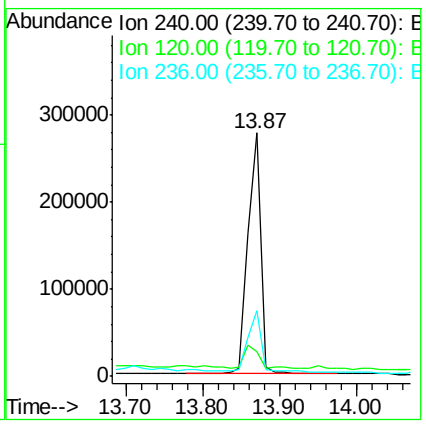


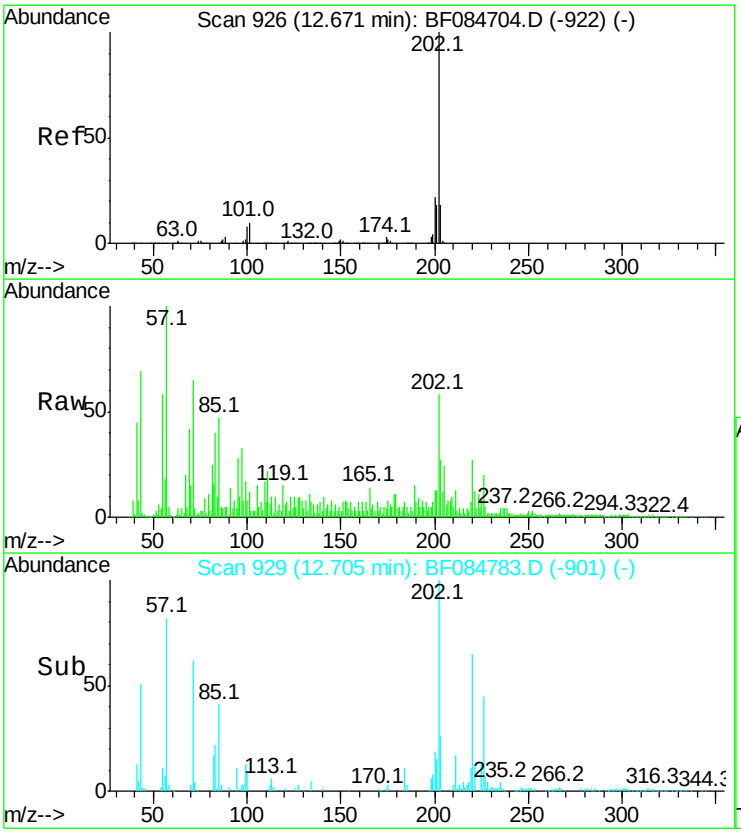
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

Tgt Ion:240 Resp: 318570

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.9	20.6	31.0

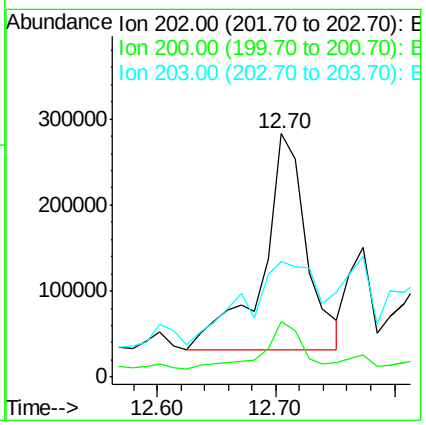


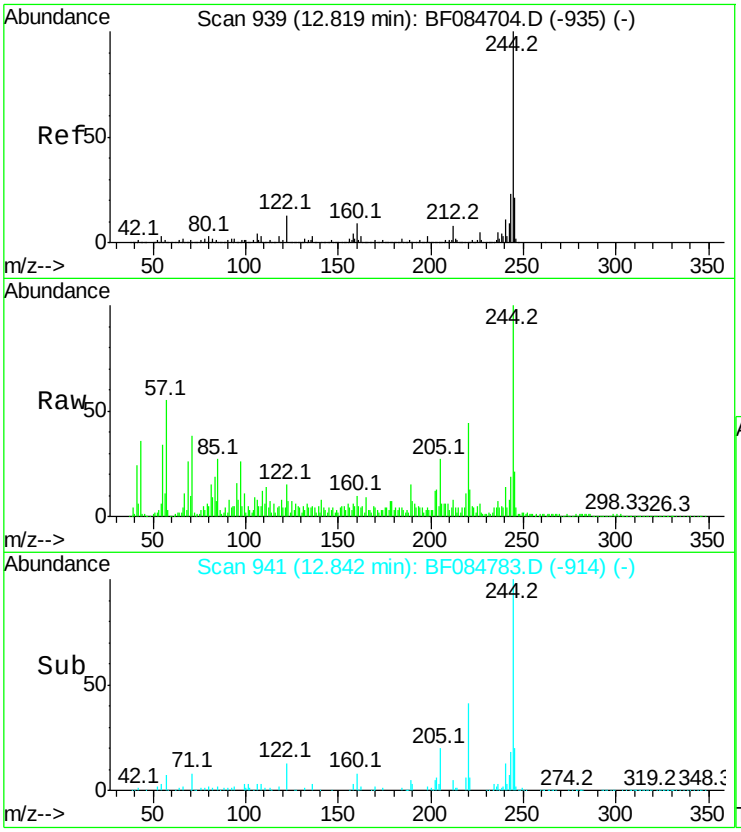


#77
Pyrene
Concen: 26.67 ng
RT: 12.70 min Scan# 929
Delta R.T. 0.02 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Tgt Ion:202 Resp: 650613

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.2	25.8
203	47.5	14.3	21.5#



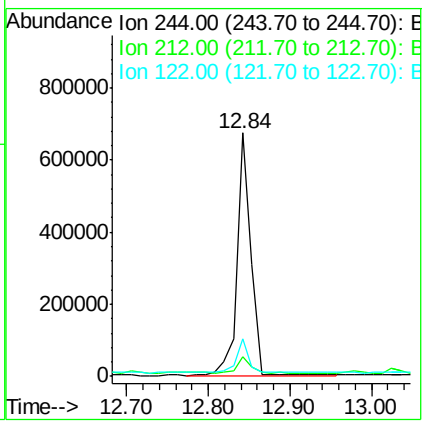


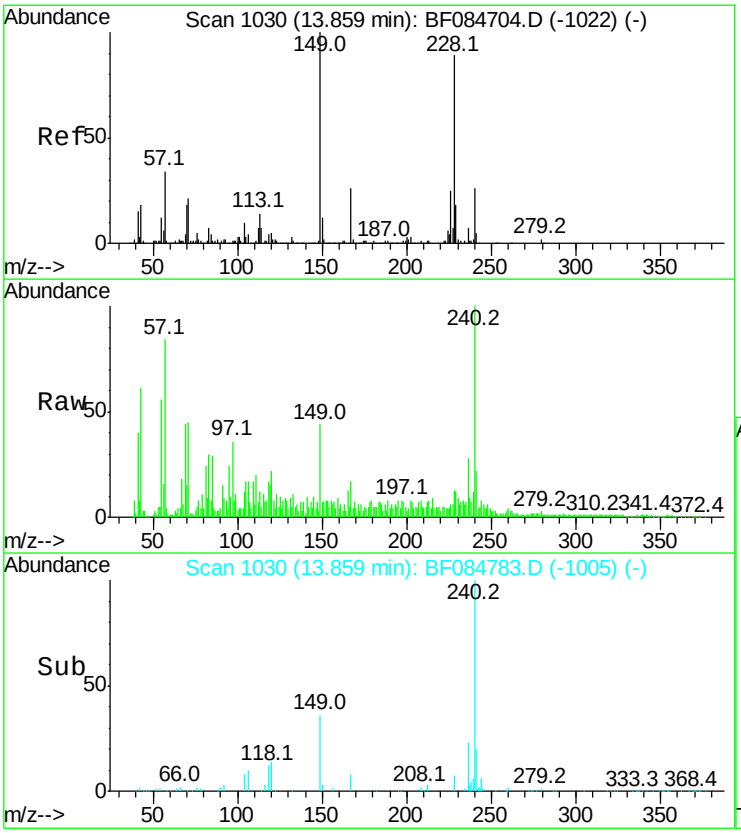
#78
Terphenyl-d14
Concen: 55.56 ng
RT: 12.84 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

Tgt Ion:244 Resp: 781050

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.7	8.5
122	15.3	7.4	11.0#

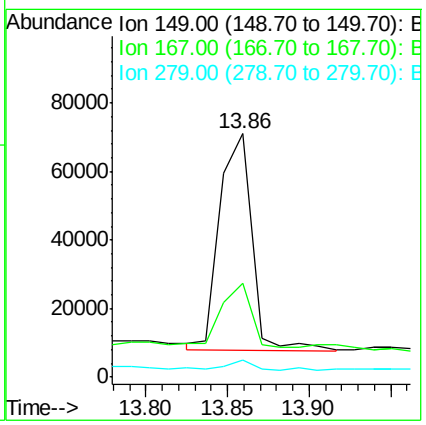


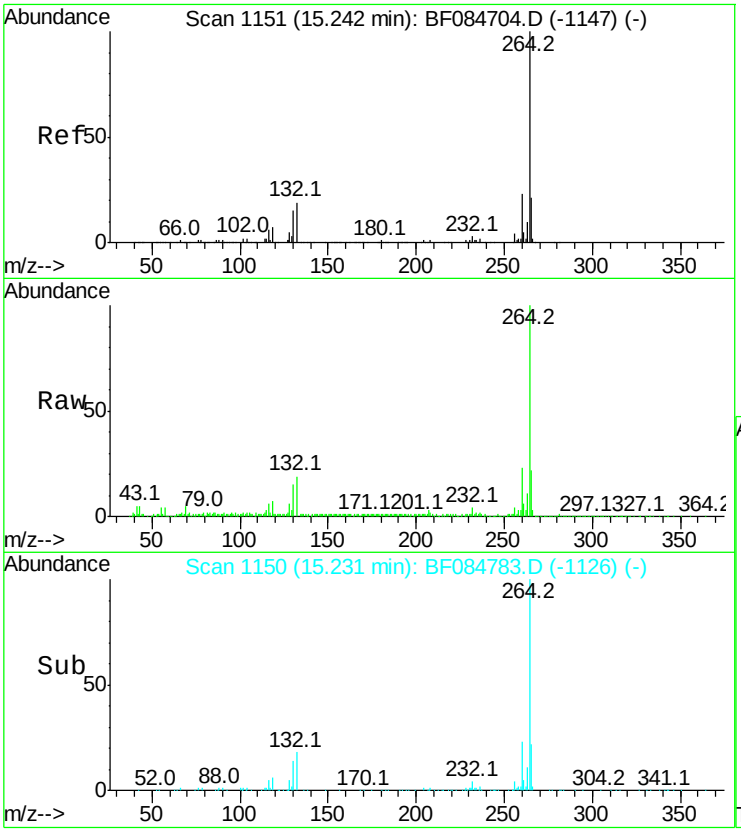


#83
Bis(2-ethylhexyl)phthalate
Concen: 6.26 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Tgt Ion:149 Resp: 86234

Ion	Ratio	Lower	Upper
149	100		
167	38.6	19.7	29.5#
279	7.0	1.8	2.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BF084783.D
Acq: 3 Feb 2016 9:54

Instrument :
BNA_F
ClientSampleId :
BLFS-RL01

Tgt Ion:264 Resp: 351992

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	22.0	17.8	26.6