Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087149.D
Acq On : 18 May 2016 17:51
Operator : UM/SJ
Sample : H3135-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEWER-JOB

Quant Time: May 19 04:09:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	132572	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	545896	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	265381	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	477590	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	383567	20.00	ng	-0.05
86) Perylene-d12	15.06	264	277576	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1150252	145.84	ng	-0.02
7) Phenol-d6	6.25	99	1388974	131.30	ng	-0.03
23) Nitrobenzene-d5	7.15	82	923469	84.31	ng	-0.03
41) 2,4,6-Tribromophenol	10.41	330	420214	143.29	ng	-0.03
44) 2-Fluorobiphenyl	8.95	172	1508069	94.11	ng	-0.03
78) Terphenyl-d14	12.67	244	1304043	76.91	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.35	163	290499	14.35	ng	100
74) Fluoranthene	12.30	202	52557	2.03	ng	93

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

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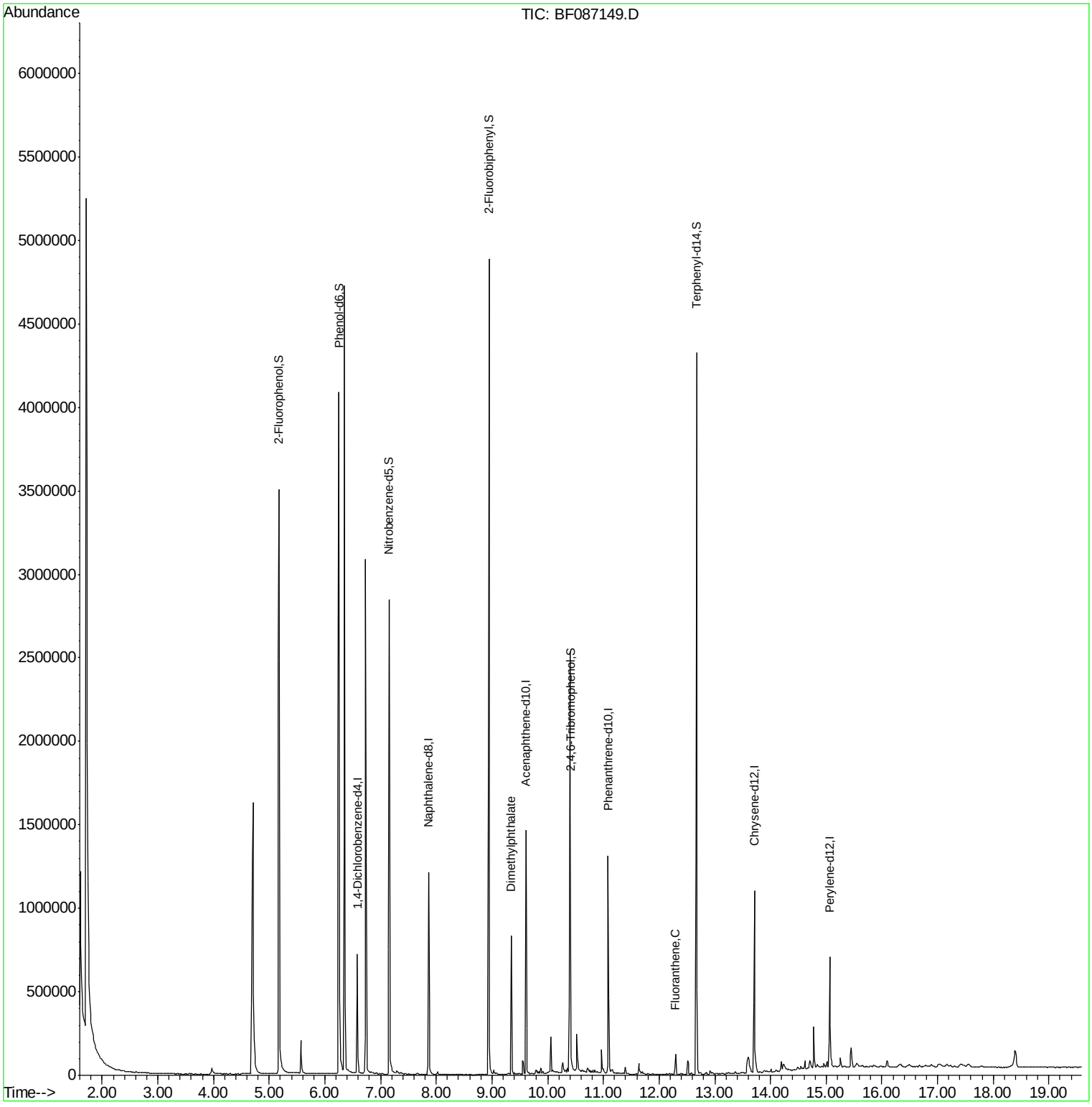
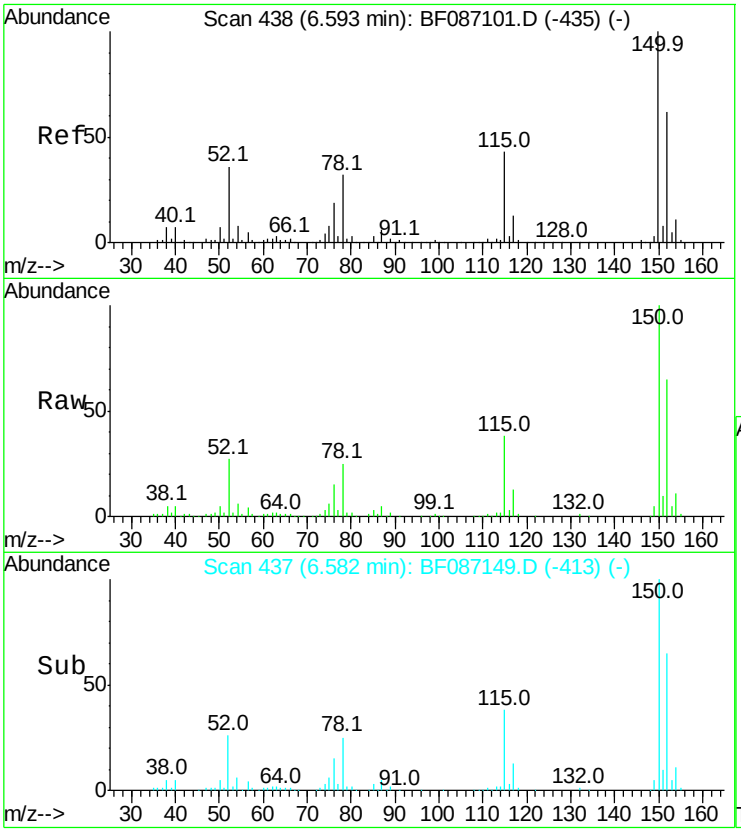


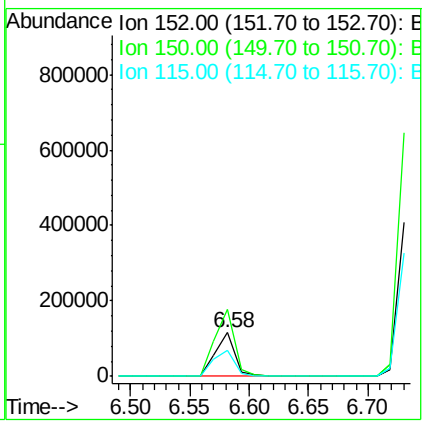


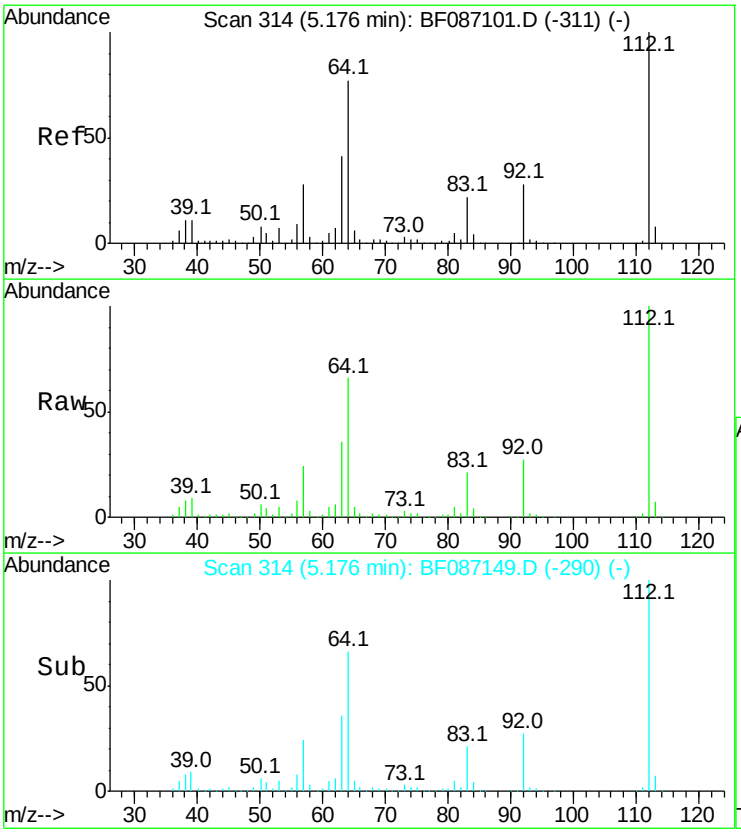
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

Instrument :
BNA_F
ClientSampleId :
SEWER-JOB

Tgt Ion:152 Resp: 132572

Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.8	188.6
115	59.0	51.5	77.3

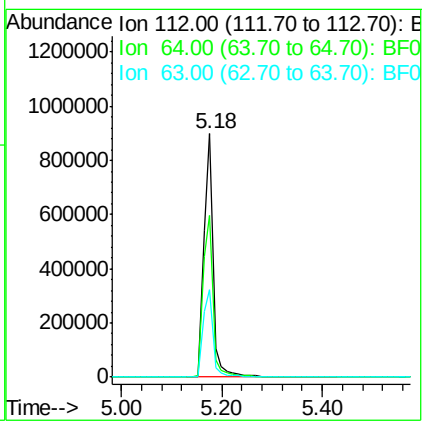


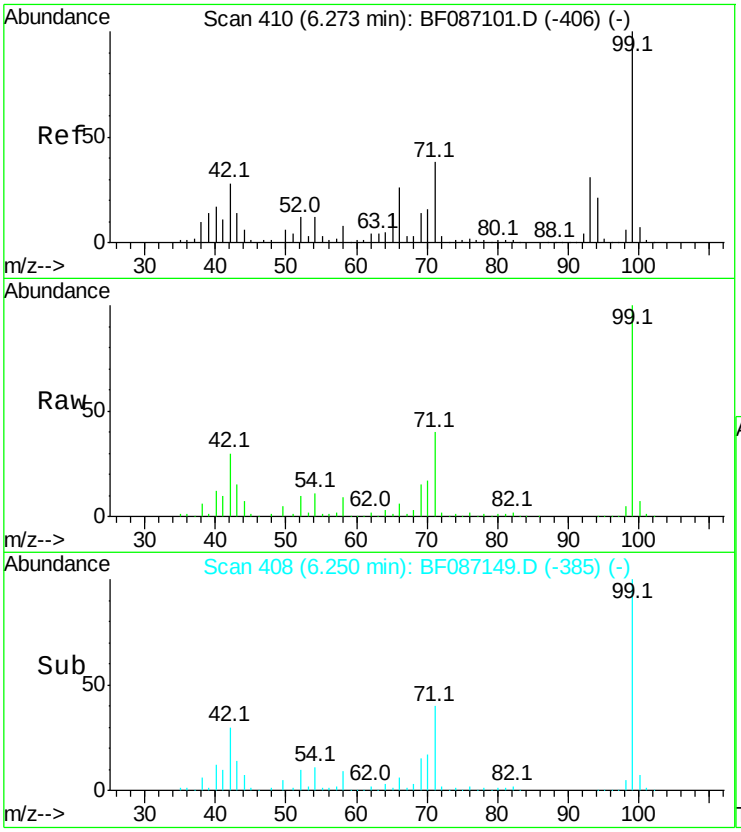


#5
2-Fluorophenol
Concen: 145.84 ng
RT: 5.18 min Scan# 314
Delta R.T. -0.02 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

Tgt Ion:112 Resp: 1150252

Ion	Ratio	Lower	Upper
112	100		
64	66.5	52.1	78.1
63	36.0	25.7	38.5



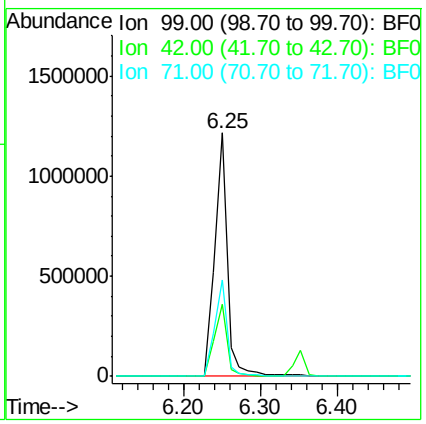


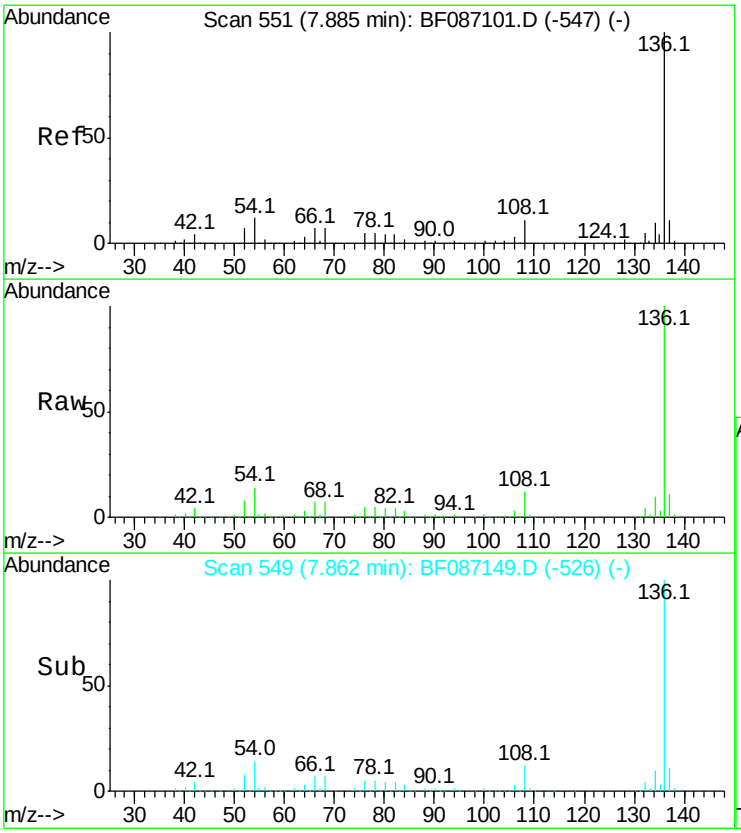
#7
Phenol-d6
Concen: 131.30 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.03 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

Instrument :
BNA_F
ClientSampleId :
SEWER-JOB

Tgt Ion: 99 Resp: 1388974

Ion	Ratio	Lower	Upper
99	100		
42	29.7	13.6	20.4#
71	39.7	24.6	36.8#

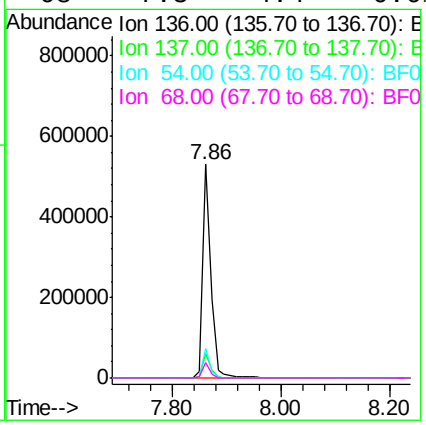


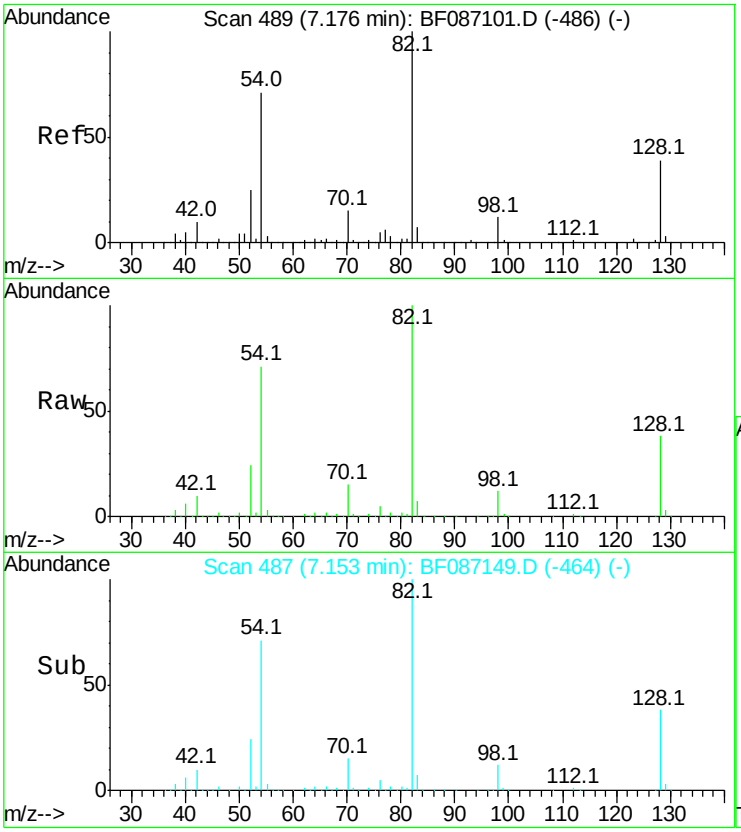


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

Tgt Ion:136 Resp: 545896

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	13.8	5.0	7.4#
68	7.3	4.4	6.6#



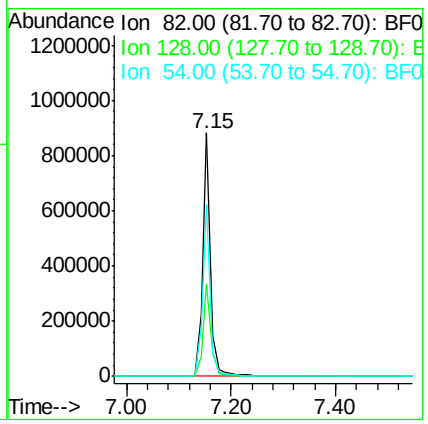


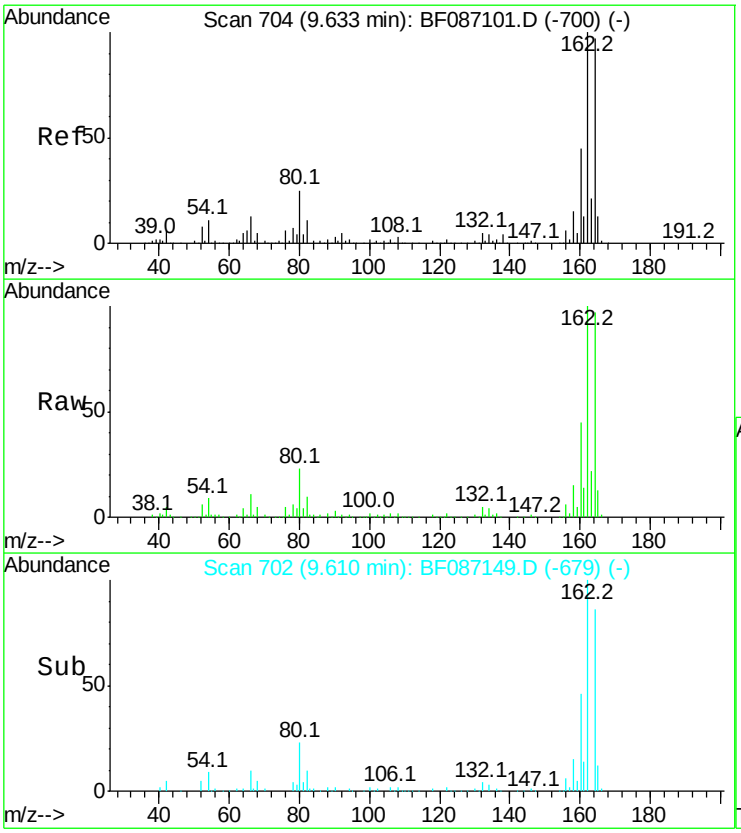
#23
Nitrobenzene-d5
Concen: 84.31 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

Instrument :
BNA_F
ClientSampleId :
SEWER-JOB

Tgt Ion: 82 Resp: 923469

Ion	Ratio	Lower	Upper
82	100		
128	37.8	40.6	61.0#
54	70.5	38.1	57.1#

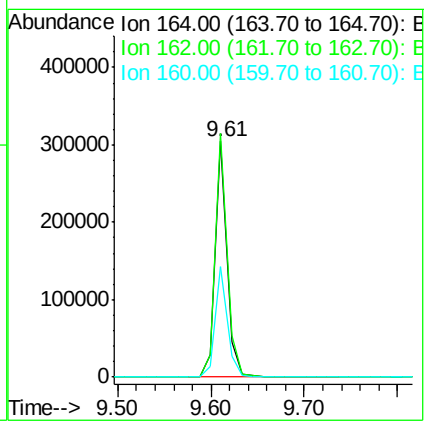


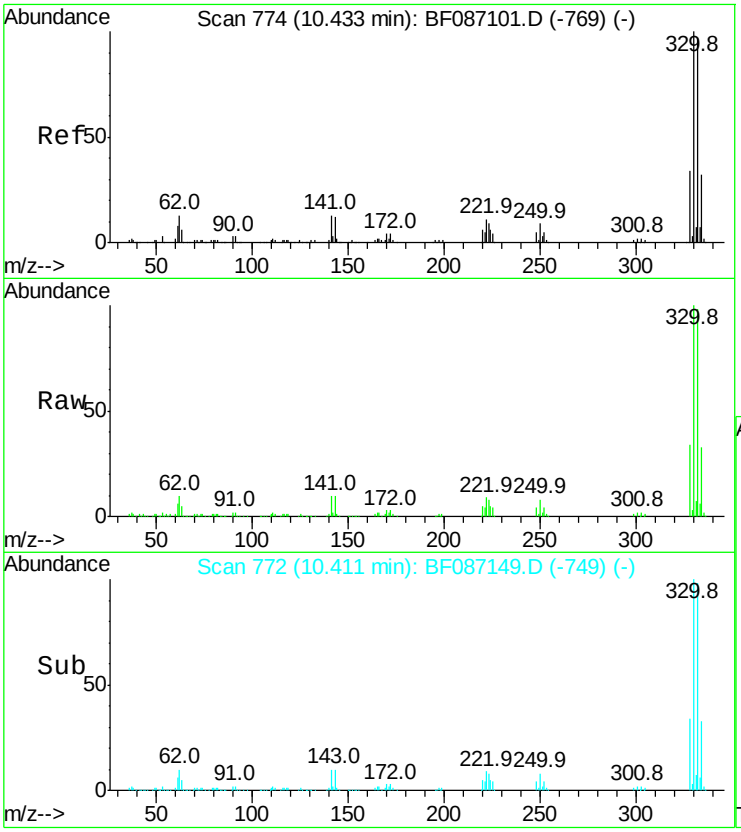


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

Tgt Ion:164 Resp: 265381

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.8	124.2
160	46.6	36.9	55.3



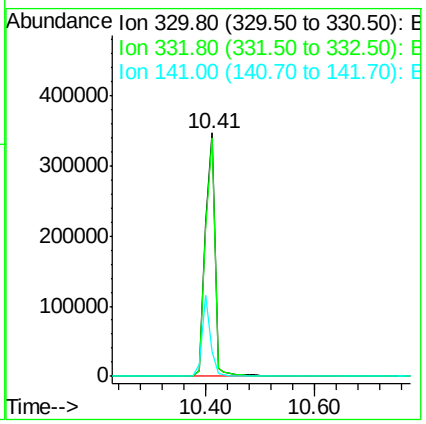


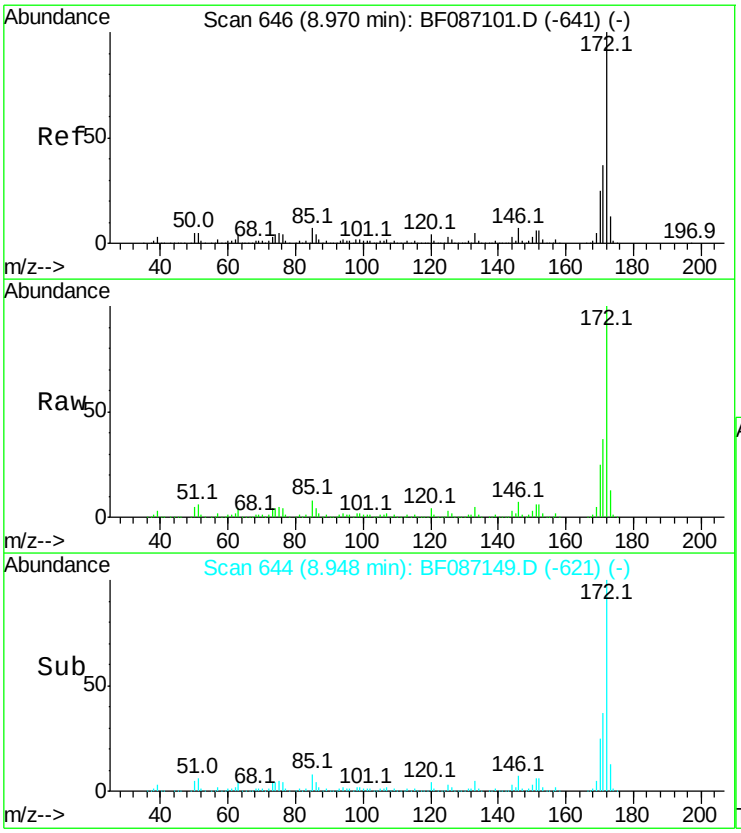
#41
2,4,6-Tribromophenol
Concen: 143.29 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

Instrument :
BNA_F
ClientSampleId :
SEWER-JOB

Tgt Ion:330 Resp: 420214

Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.0	118.4
141	29.0	31.2	46.8#

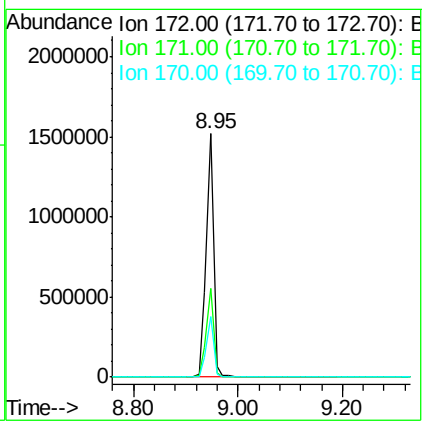


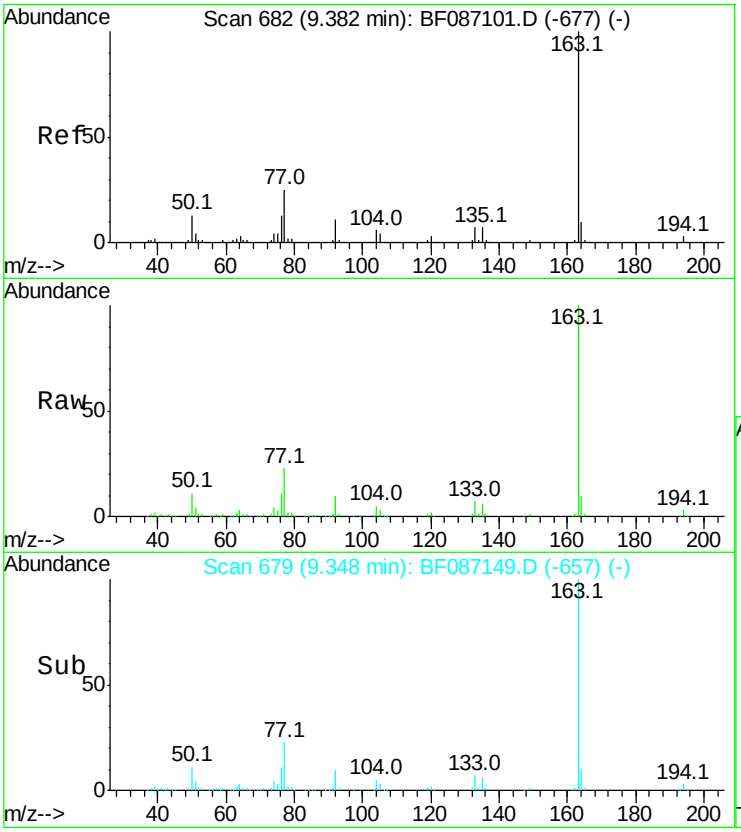


#44
2-Fluorobiphenyl
Concen: 94.11 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

Tgt Ion:172 Resp: 1508069

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.9	19.8	29.8



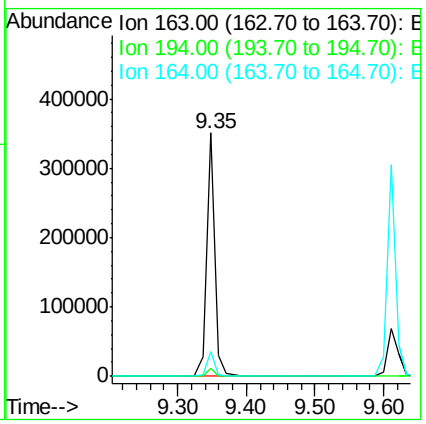


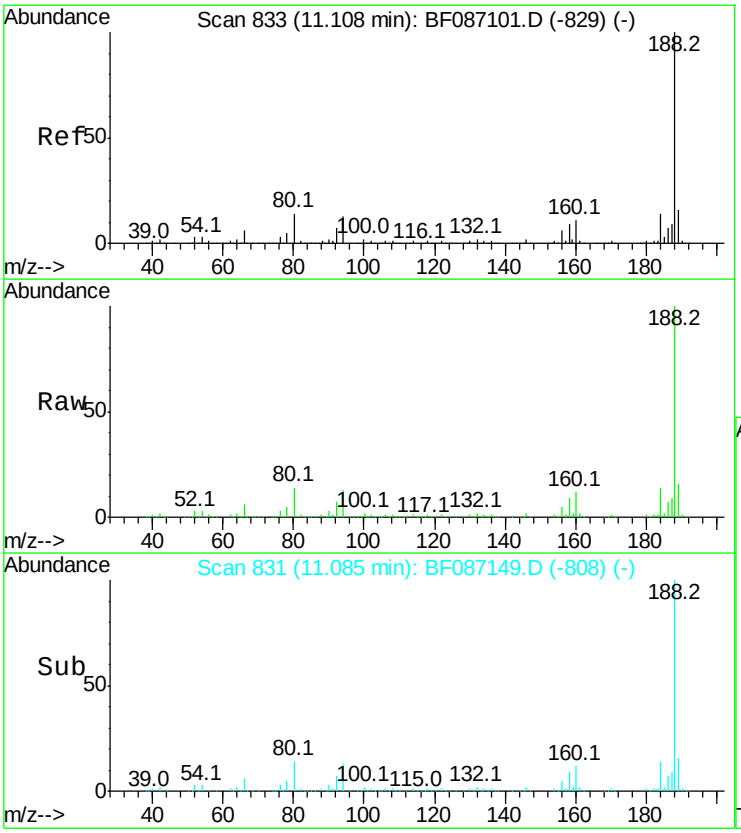
#49
Dimethylphthalate
Concen: 14.35 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

Instrument :
BNA_F
ClientSampleId :
SEWER-JOB

Tgt Ion:163 Resp: 290499

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.1	8.2	12.4

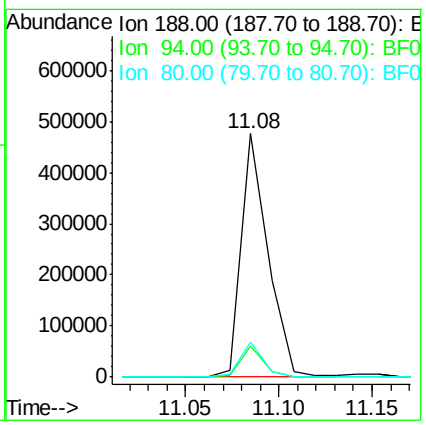


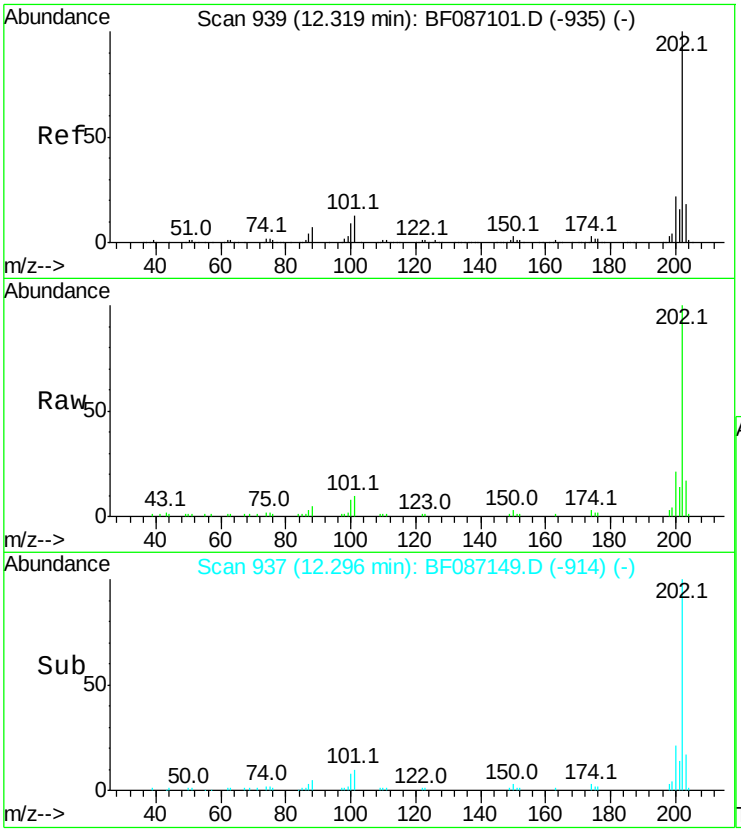


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

Tgt Ion:188 Resp: 477590

Ion	Ratio	Lower	Upper
188	100		
94	12.7	6.8	10.2#
80	14.2	7.1	10.7#



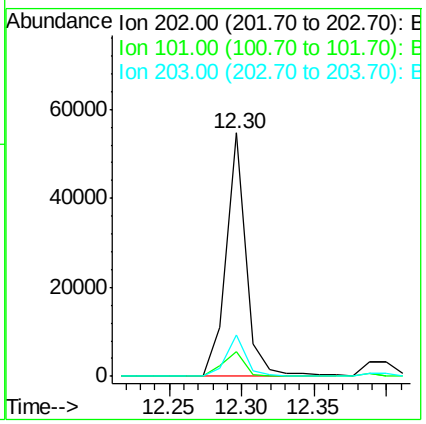


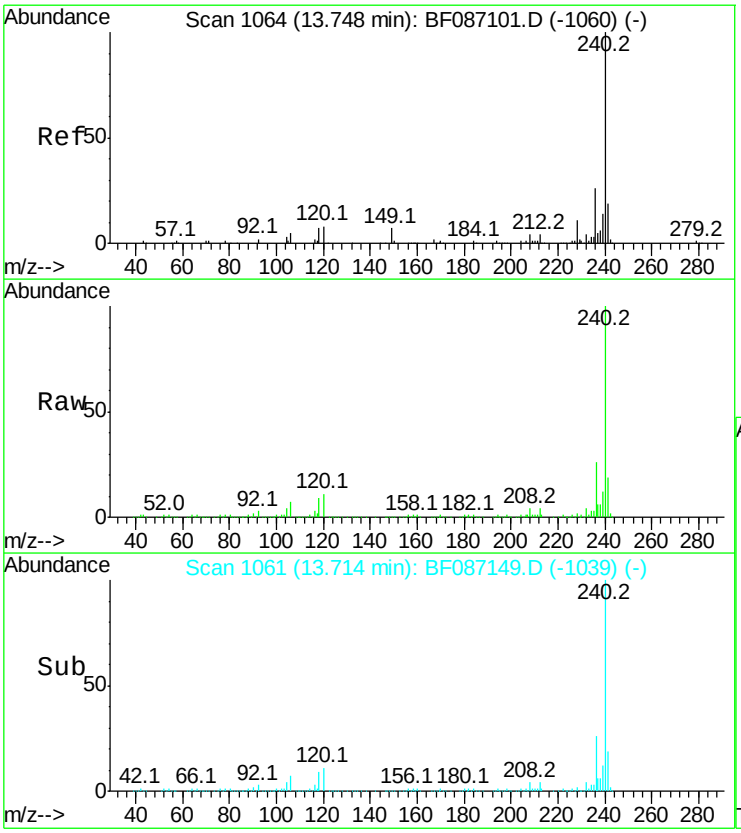
#74
Fluoranthene
Concen: 2.03 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.03 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

Instrument :
BNA_F
ClientSampleId :
SEWER-JOB

Tgt Ion:202 Resp: 52557

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	35.4
203	17.2	0.0	38.1

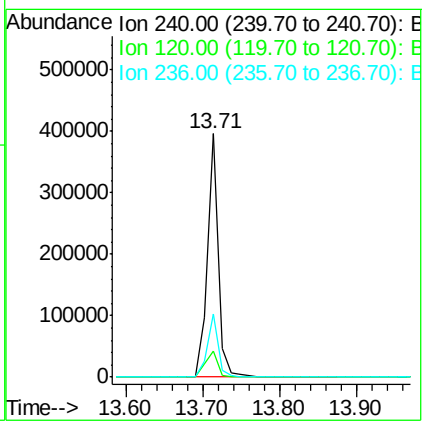


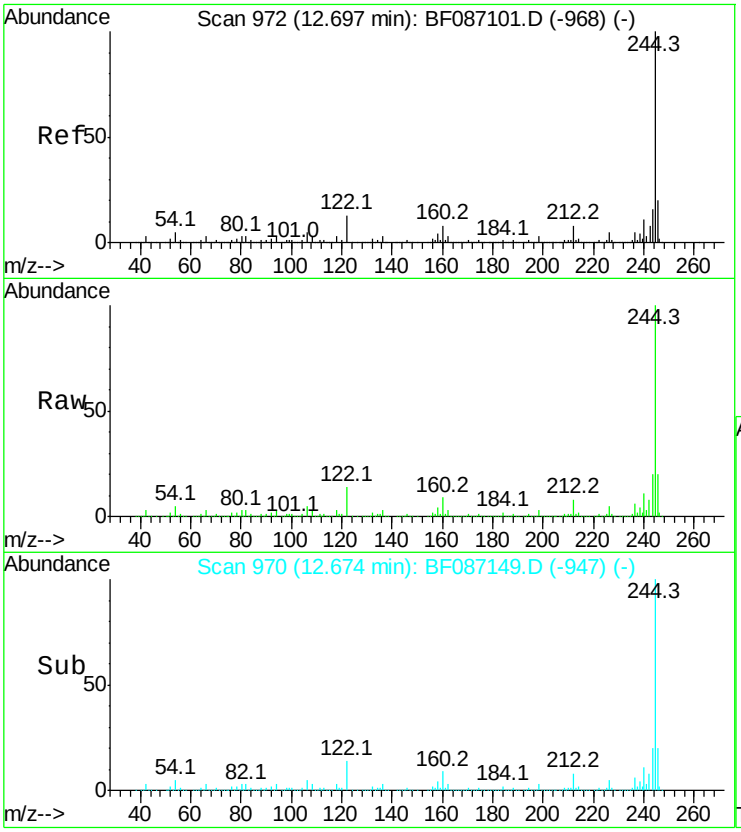


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.05 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

Tgt Ion:240 Resp: 383567

Ion	Ratio	Lower	Upper
240	100		
120	10.7	11.2	16.8#
236	26.1	21.2	31.8



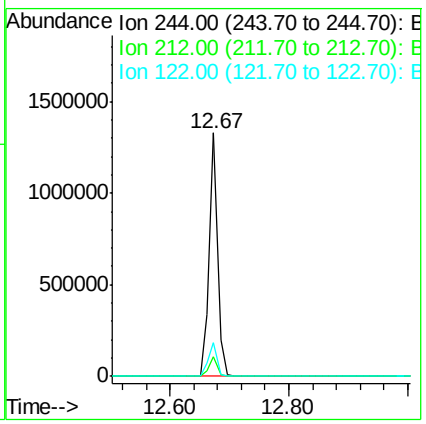


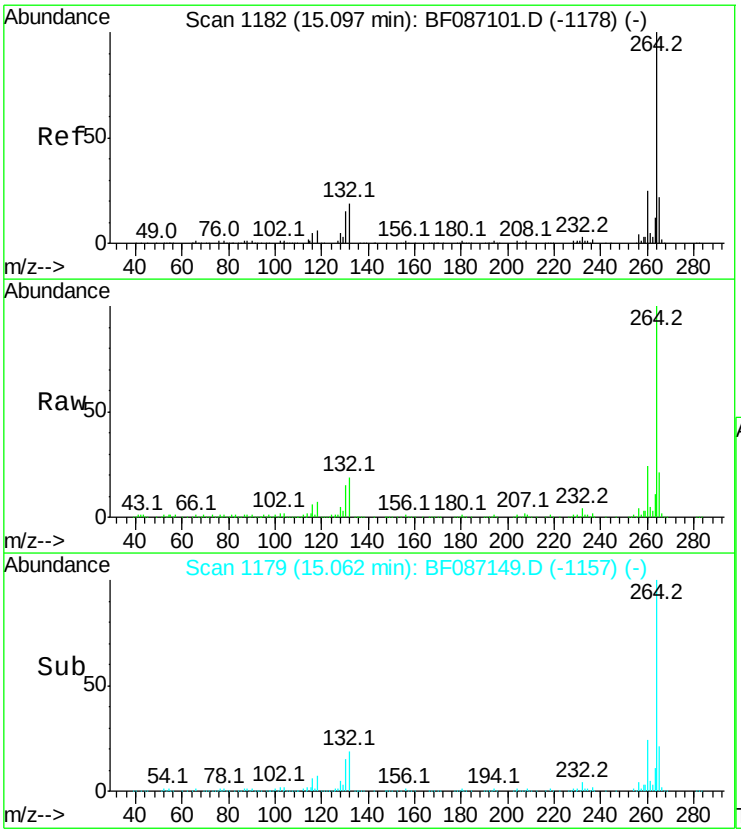
#78
Terphenyl-d14
Concen: 76.91 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.03 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

Instrument :
BNA_F
ClientSampleId :
SEWER-JOB

Tgt Ion:244 Resp: 1304043

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	13.6	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087149.D
Acq: 18 May 2016 17:51

Tgt Ion:264 Resp: 277576

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.0	17.3	25.9