Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096292.D
Acq On : 29 Jun 2017 15:25
Operator : SJ/MA
Sample : I3874-03 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TL-DR-01

Quant Time: Jun 30 01:57:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	161581	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	627864	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	232673	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	350046	20.00	ng	0.00
75) Chrysene-d12	13.92	240	333575	20.00	ng	0.00
86) Perylene-d12	15.34	264	253666	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	14904	1.33	ng	0.00
7) Phenol-d6	6.39	99	18705	1.38	ng	0.00
23) Nitrobenzene-d5	7.32	82	8077	0.89	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	2137	1.17	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	17049	1.34	ng	-0.02
78) Terphenyl-d14	12.86	244	12480	0.93	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.89	122	2423	9.09	ng	# 20
70) Phenanthrene	11.29	178	117	Below Cal		# 1

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

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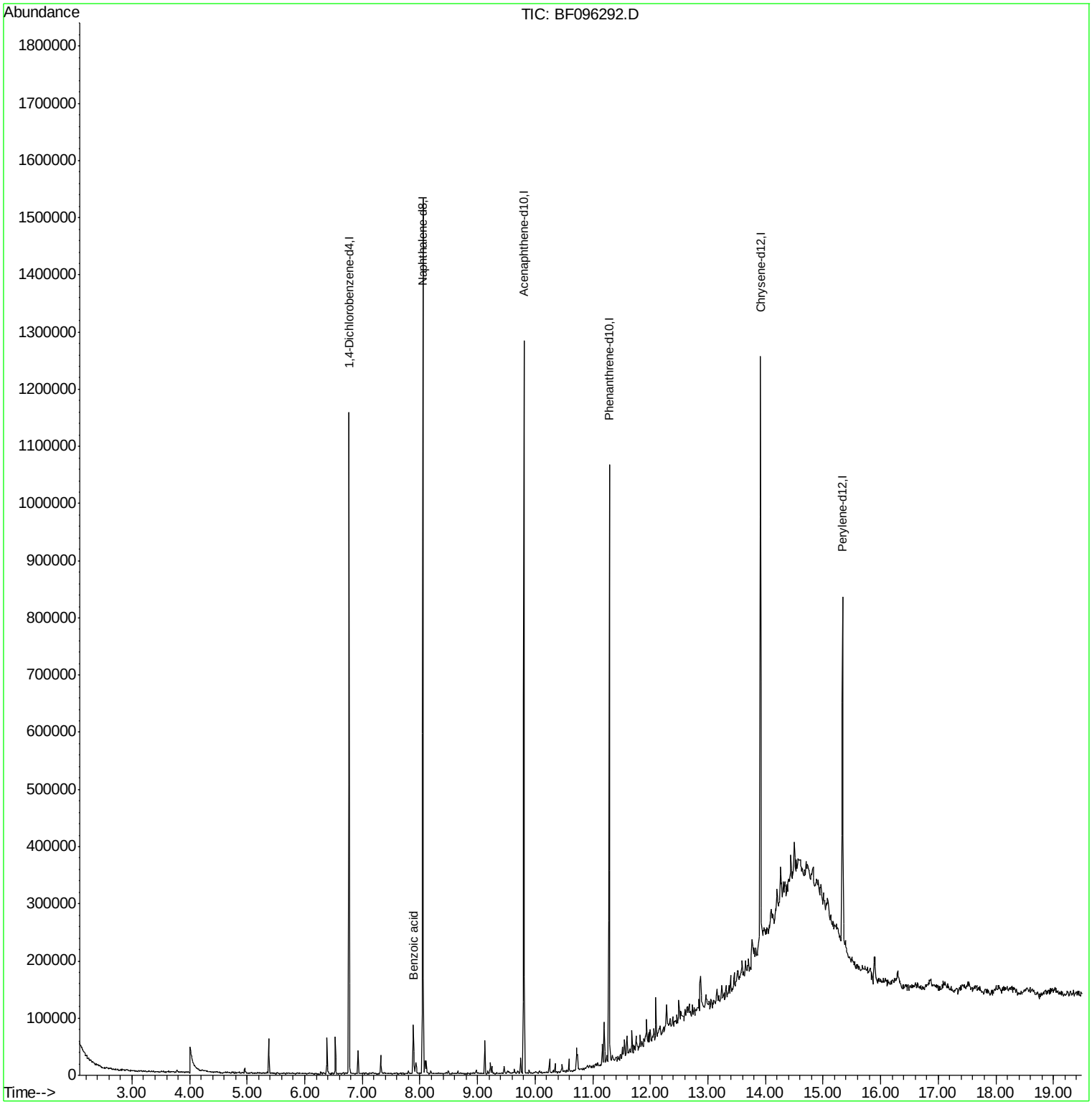
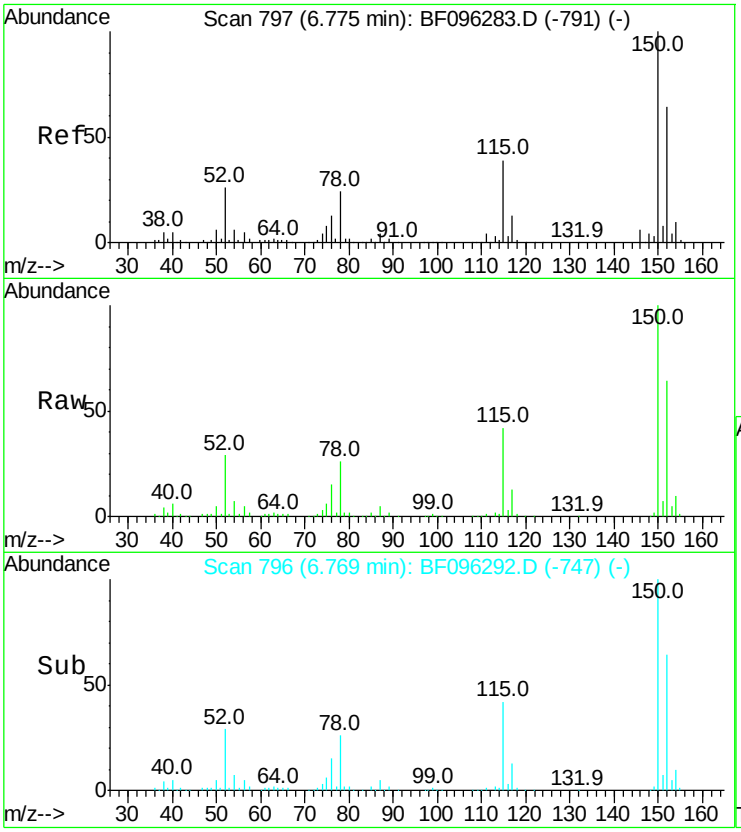


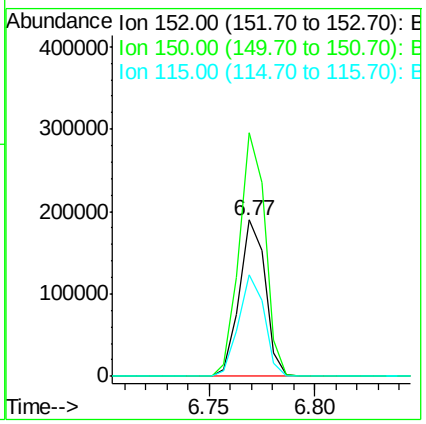


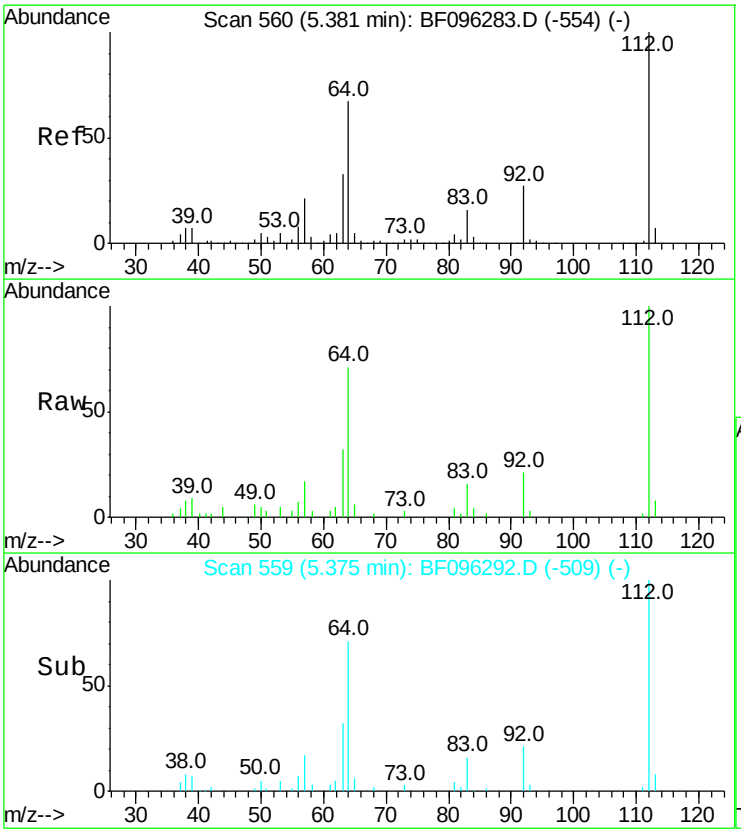
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096292.D
Acq: 29 Jun 2017 15:25

Instrument :
BNA_F
ClientSampleId :
TL-DR-01

Tgt Ion:152 Resp: 161581

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.2
115	65.3	52.2	78.2

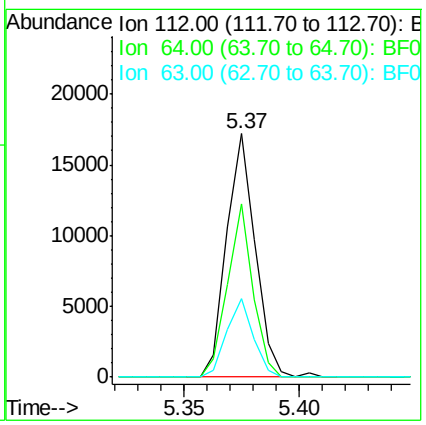


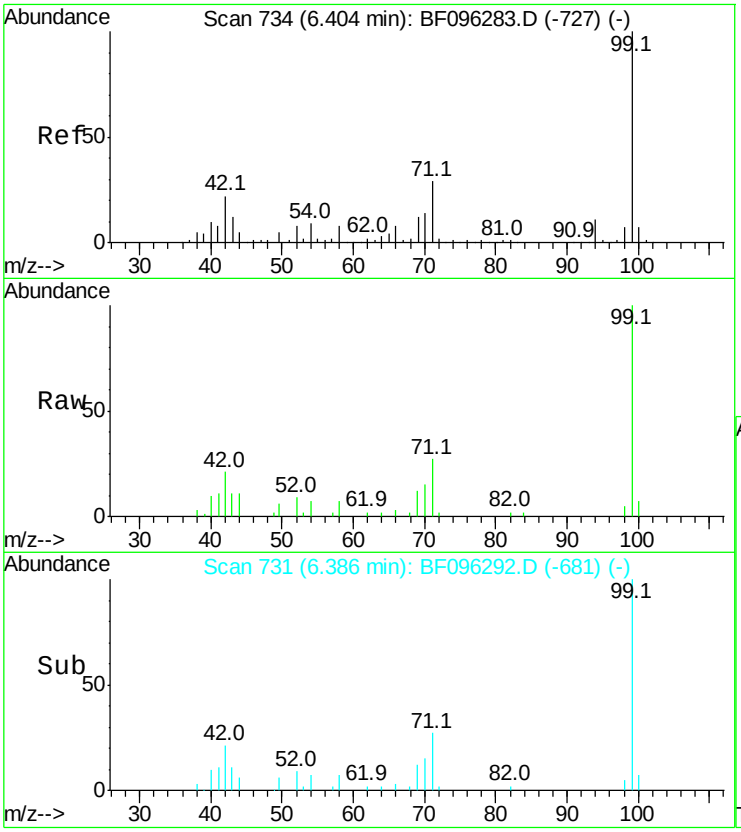


#5
2-Fluorophenol
Concen: 1.33 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096292.D
Acq: 29 Jun 2017 15:25

Tgt Ion:112 Resp: 14904

Ion	Ratio	Lower	Upper
112	100		
64	71.1	46.0	69.0#
63	32.2	23.4	35.0



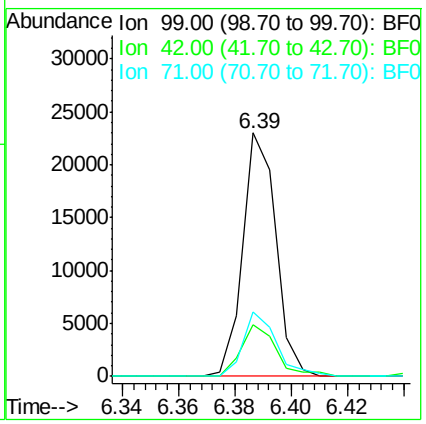


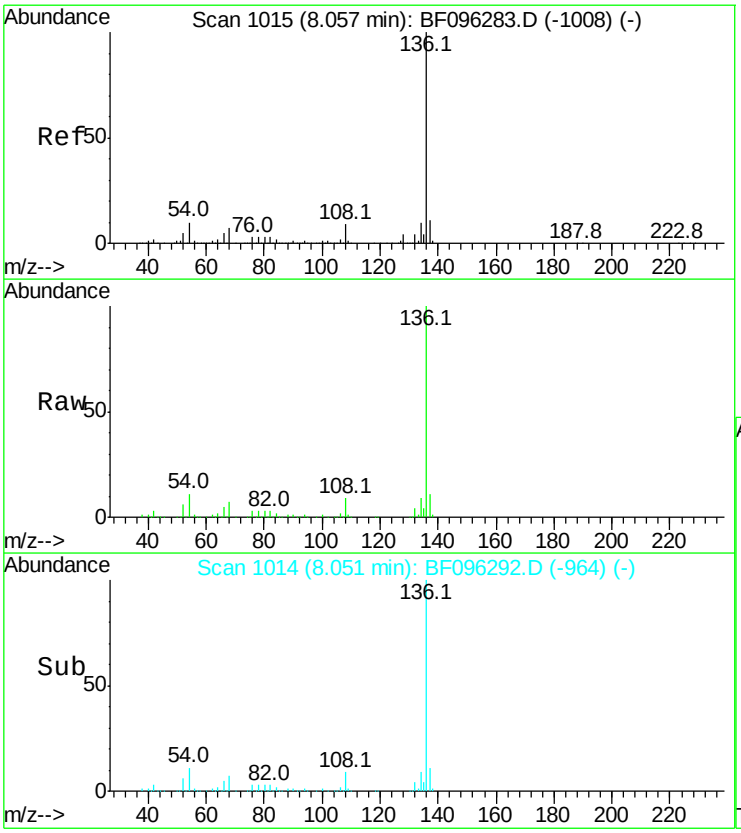
#7
Phenol-d6
Concen: 1.38 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF096292.D
Acq: 29 Jun 2017 15:25

Instrument :
BNA_F
ClientSampleId :
TL-DR-01

Tgt Ion: 99 Resp: 18705

Ion	Ratio	Lower	Upper
99	100		
42	21.4	13.5	20.3#
71	26.6	24.5	36.7

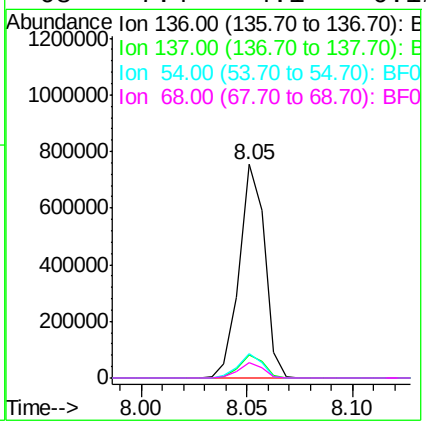


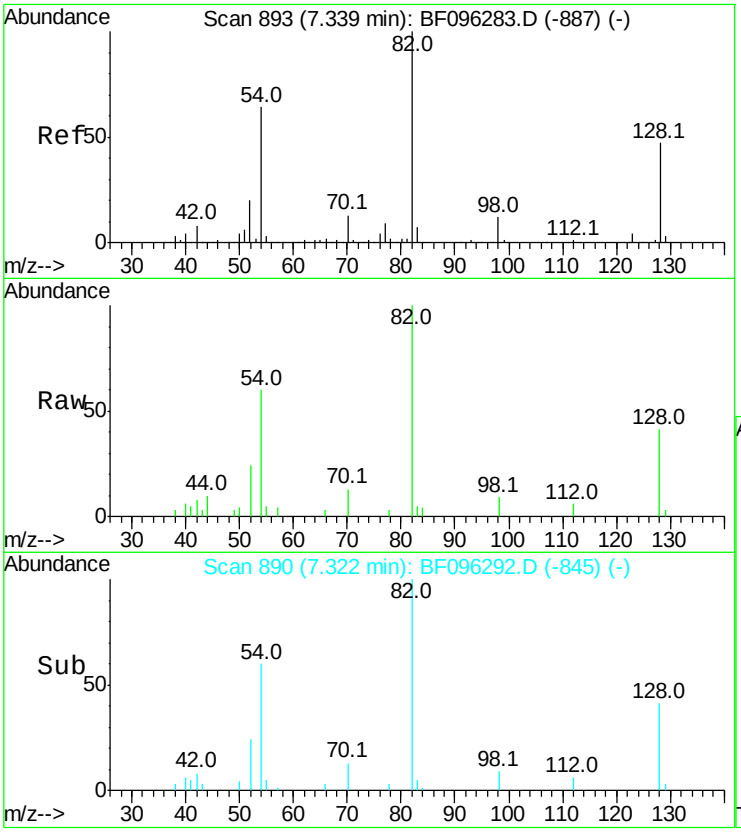


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF096292.D
Acq: 29 Jun 2017 15:25

Tgt Ion:136 Resp: 627864

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	11.2	4.9	7.3#
68	7.4	4.1	6.1#

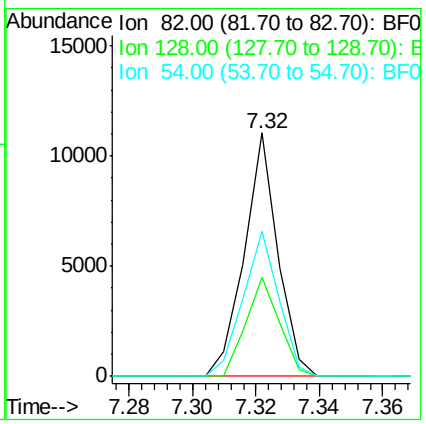




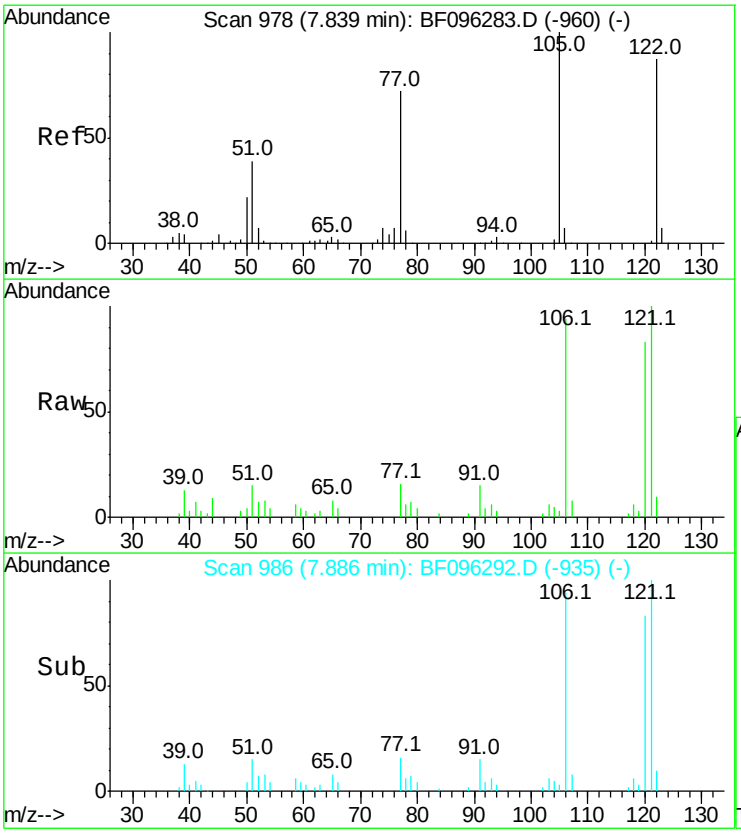
#23
Nitrobenzene-d5
Concen: 0.89 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF096292.D
Acq: 29 Jun 2017 15:25

Tgt Ion: 82 Resp: 8077

Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.0	51.0
54	59.8	42.2	63.2



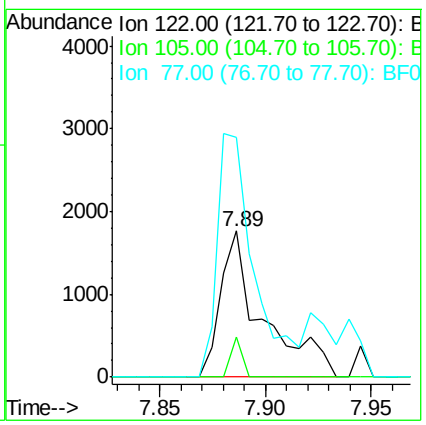
Instrument :
BNA_F
ClientSampleId :
TL-DR-01

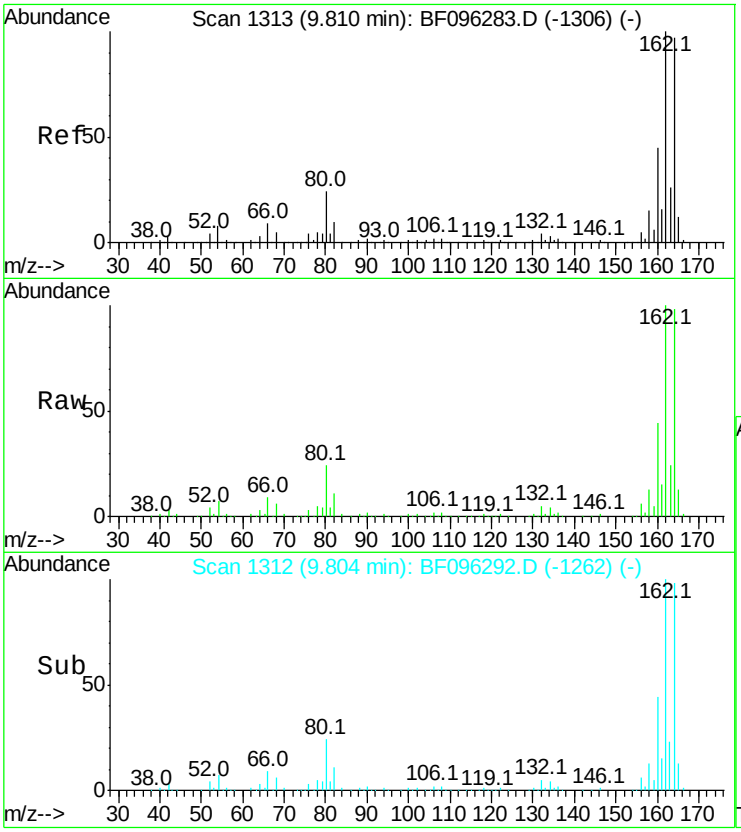


#32
Benzoic acid
Concen: 9.09 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF096292.D
Acq: 29 Jun 2017 15:25

Tgt Ion:122 Resp: 2423

Ion	Ratio	Lower	Upper
122	100		
105	27.6	103.3	143.3#
77	163.9	73.7	113.7#



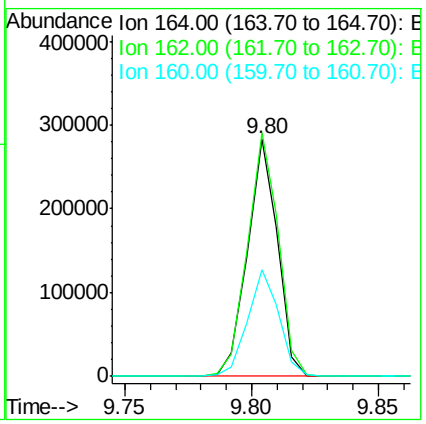


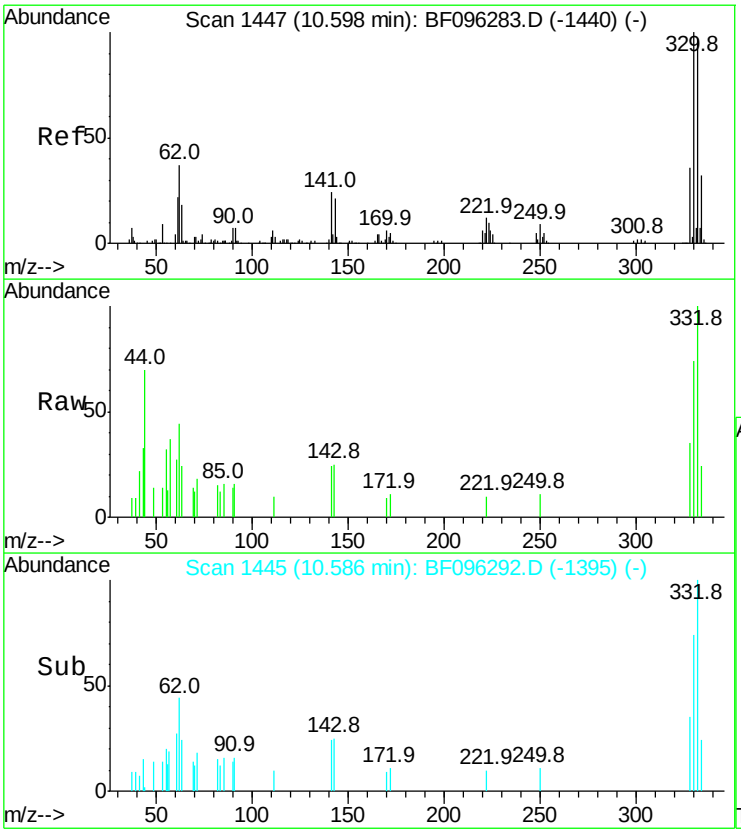
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096292.D
Acq: 29 Jun 2017 15:25

Instrument :
BNA_F
ClientSampleId :
TL-DR-01

Tgt Ion:164 Resp: 232673

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	45.1	36.2	54.2

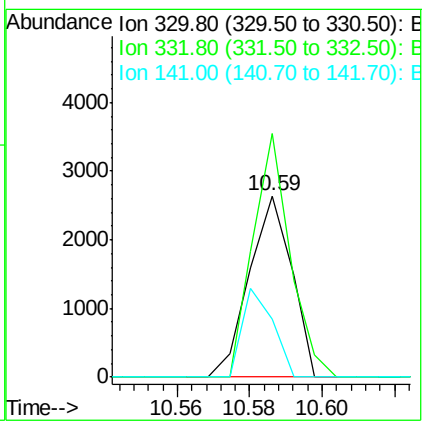


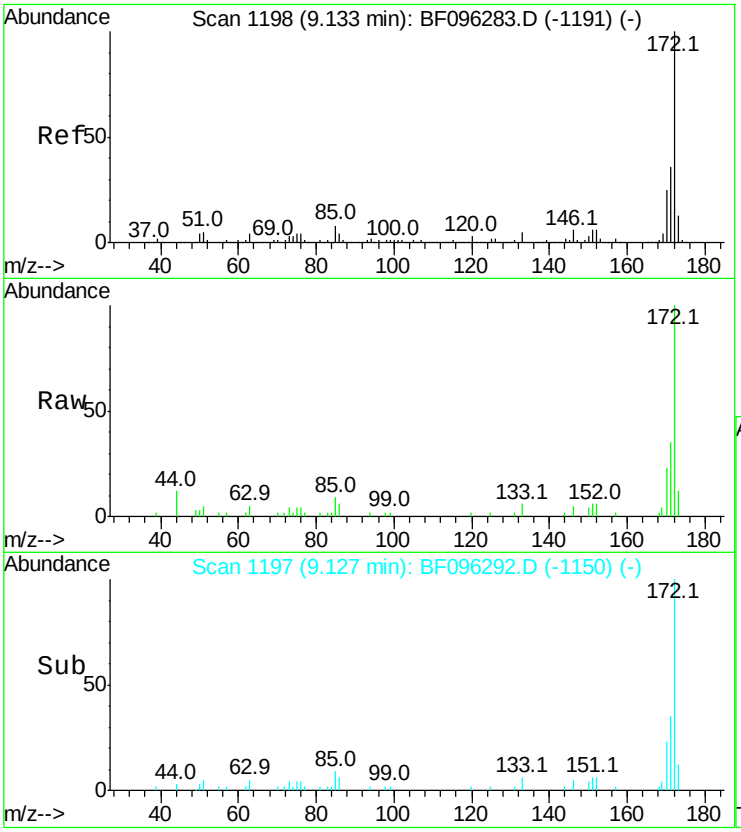


#41
2,4,6-Tribromophenol
Concen: 1.17 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF096292.D
Acq: 29 Jun 2017 15:25

Tgt Ion:330 Resp: 2137

Ion	Ratio	Lower	Upper
330	100		
332	117.4	76.6	115.0#
141	35.3	31.4	47.2



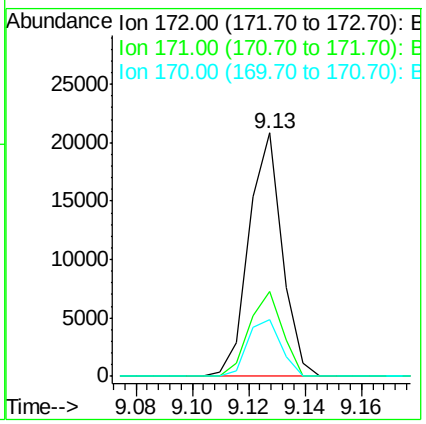


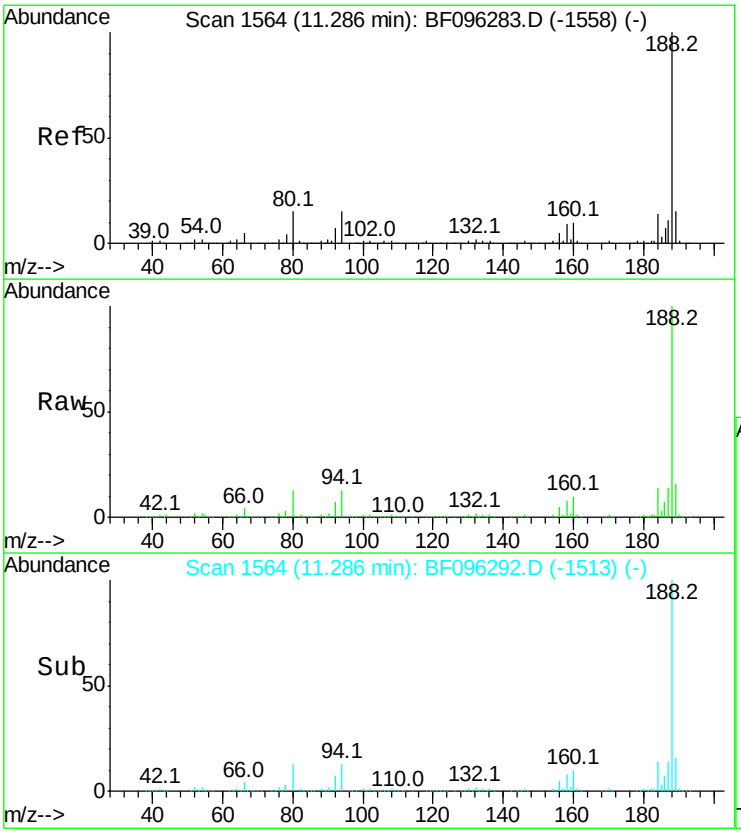
#44
2-Fluorobiphenyl
Concen: 1.34 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF096292.D
Acq: 29 Jun 2017 15:25

Instrument :
BNA_F
ClientSampleId :
TL-DR-01

Tgt Ion:172 Resp: 17049

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	23.4	19.8	29.8

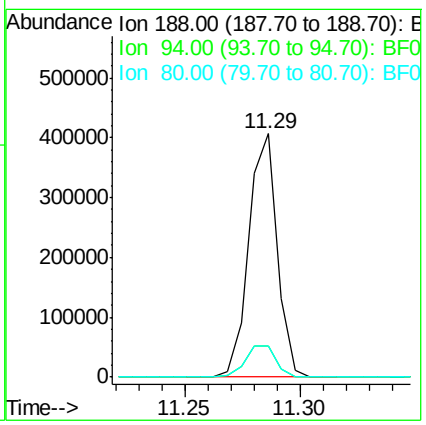


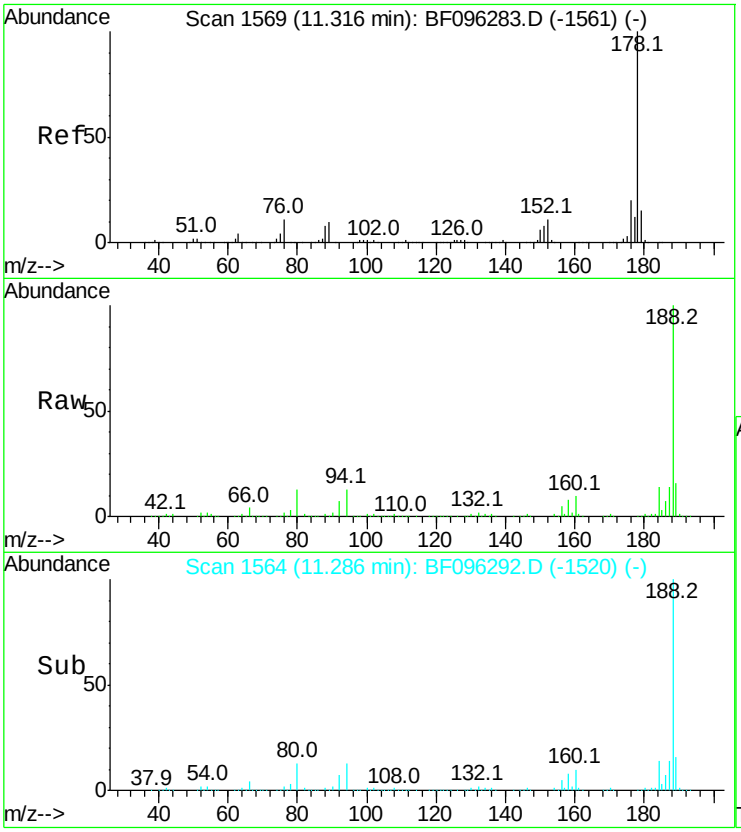


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096292.D
Acq: 29 Jun 2017 15:25

Tgt Ion:188 Resp: 350046

Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.4	14.2
80	12.8	10.2	15.2



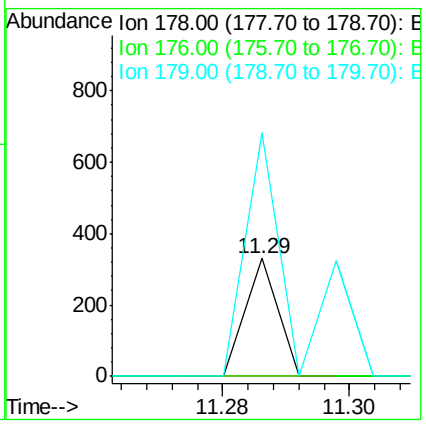


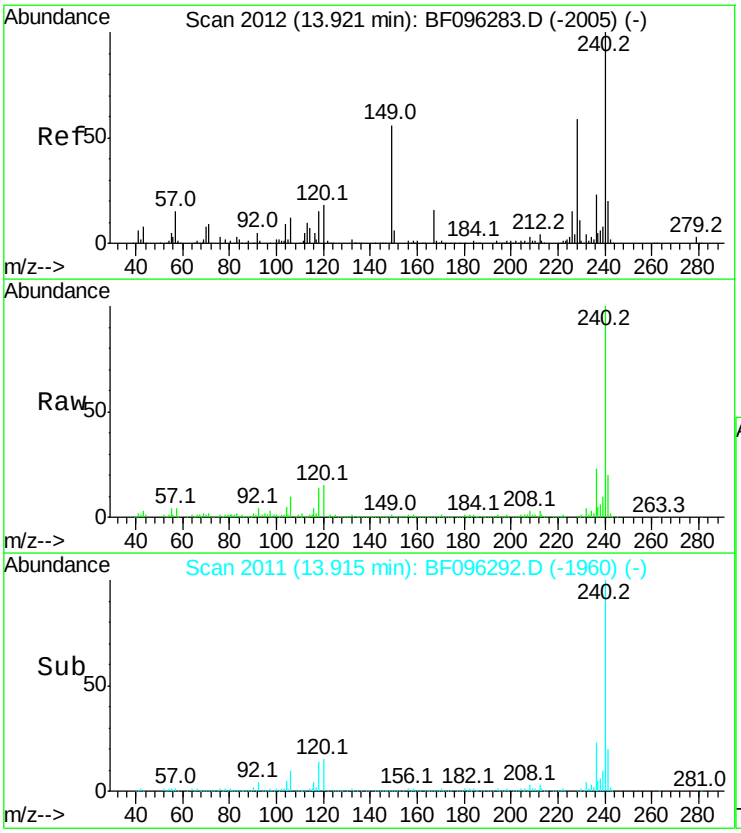
#70
Phenanthrene
Concen: Below Cal
RT: 11.29 min Scan# 1564
Delta R.T. -0.04 min
Lab File: BF096292.D
Acq: 29 Jun 2017 15:25

Instrument :
BNA_F
ClientSampleId :
TL-DR-01

Tgt Ion:178 Resp: 117

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.2	24.4#
179	206.0	12.6	19.0#

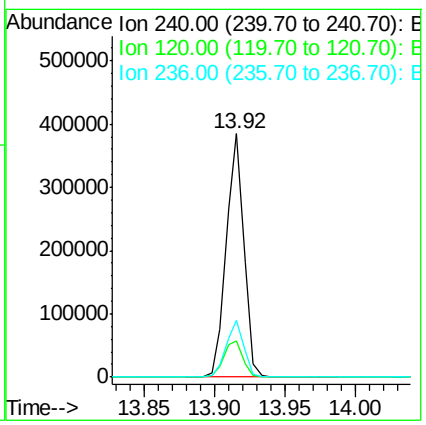


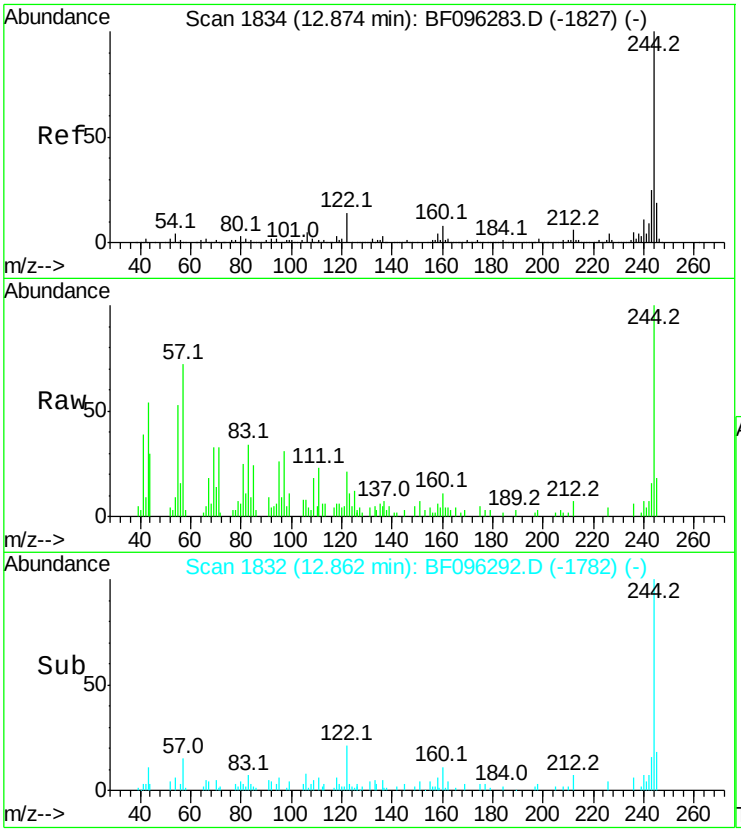


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF096292.D
Acq: 29 Jun 2017 15:25

Tgt Ion:240 Resp: 333575

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	23.5	20.5	30.7



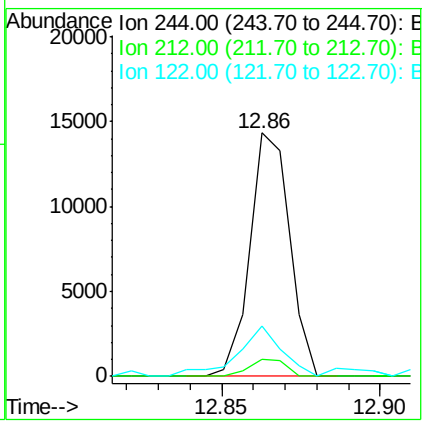


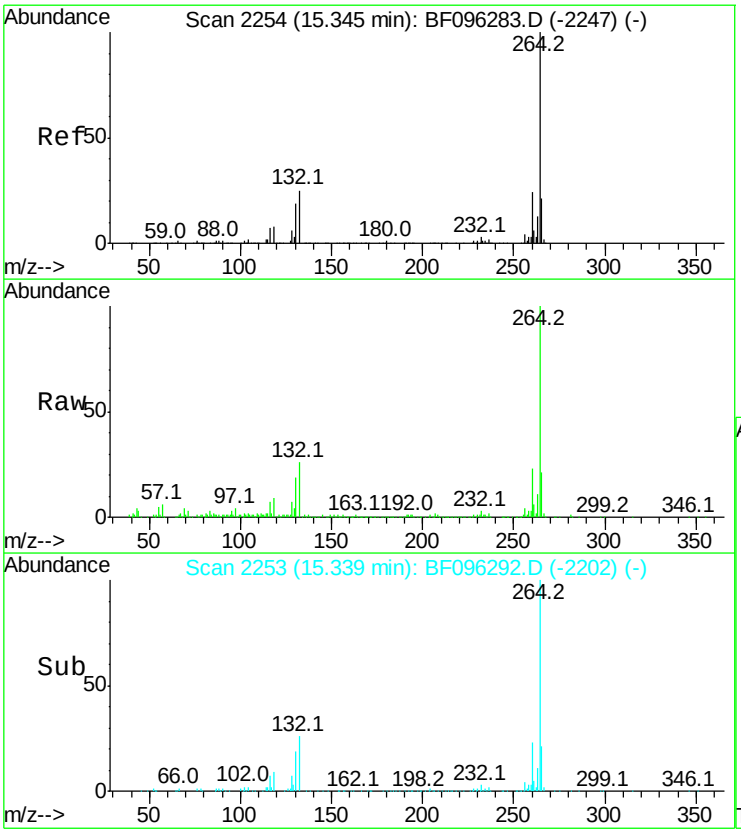
#78
Terphenyl-d14
Concen: 0.93 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF096292.D
Acq: 29 Jun 2017 15:25

Instrument :
BNA_F
ClientSampleId :
TL-DR-01

Tgt Ion:244 Resp: 12480

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	20.6	10.3	15.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.00 min
Lab File: BF096292.D
Acq: 29 Jun 2017 15:25

Tgt Ion:264 Resp: 253666

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.0	17.2	25.8