Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101367.D
Acq On : 13 Dec 2017 9:32
Operator : SJ/JU
Sample : I6764-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MAP-8-E(4-5)

Quant Time: Dec 13 10:51:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	37743	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	134283	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	52975	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	93894	20.00	ng	0.00
75) Chrysene-d12	14.01	240	73654	20.00	ng	0.00
86) Perylene-d12	15.49	264	55699	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	229800	100.61	ng	0.00
7) Phenol-d6	6.46	99	272656	98.32	ng	0.00
23) Nitrobenzene-d5	7.39	82	146908	65.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	51365	80.71	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	302266	78.07	ng	0.00
78) Terphenyl-d14	12.94	244	269806	80.12	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.47	94	8256	2.677	ng	# 65
49) Dimethylphthalate	9.57	163	30862	7.224	ng	99

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

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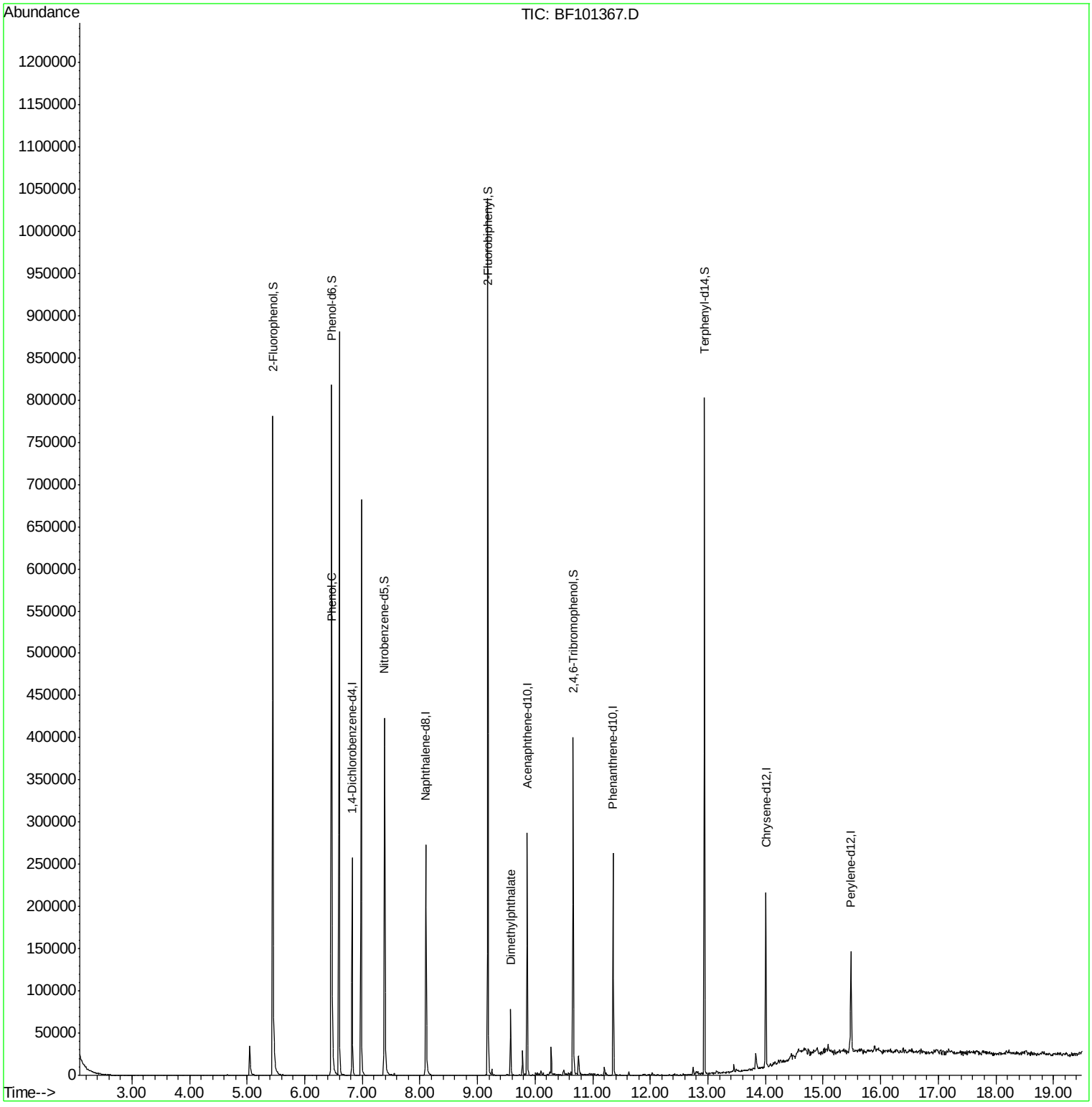
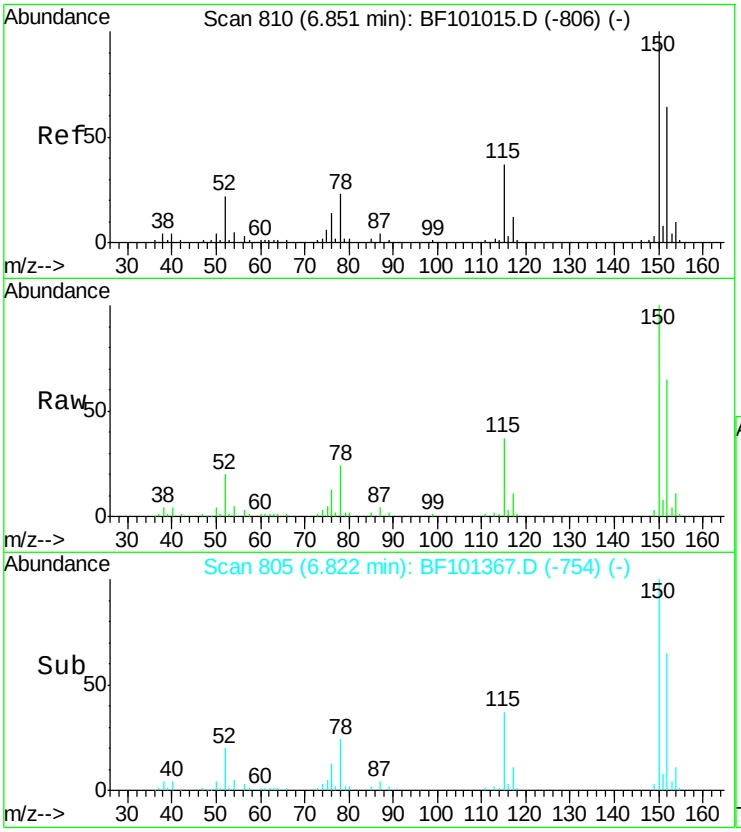


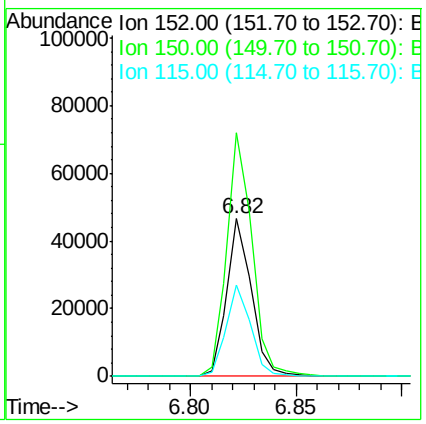


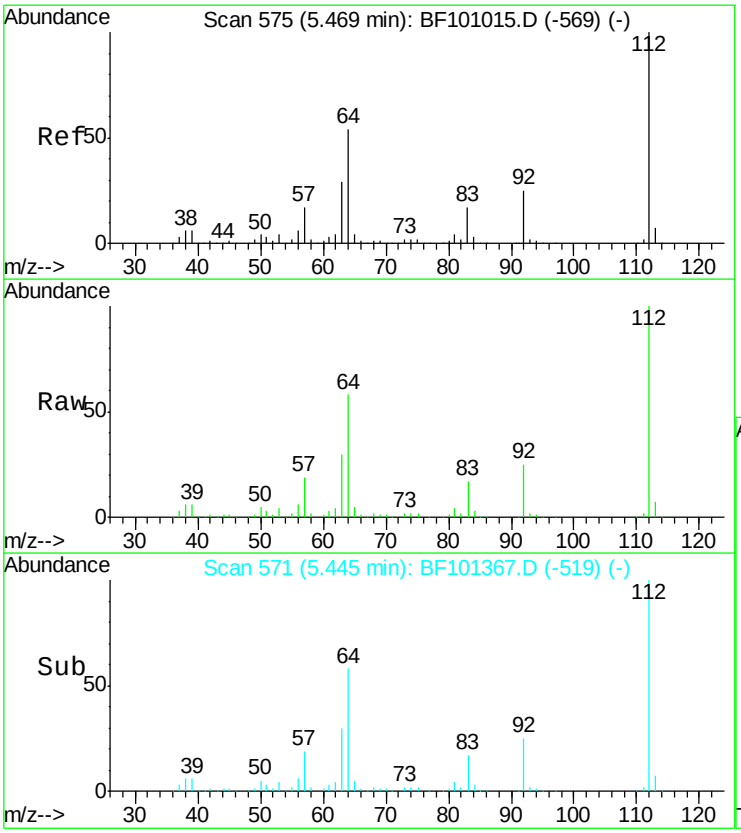
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101367.D
Acq: 13 Dec 2017 9:32

Instrument :
BNA_F
ClientSampleId :
MAP-8-E(4-5)

Tgt Ion:152 Resp: 37743

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	57.7	50.1	75.1

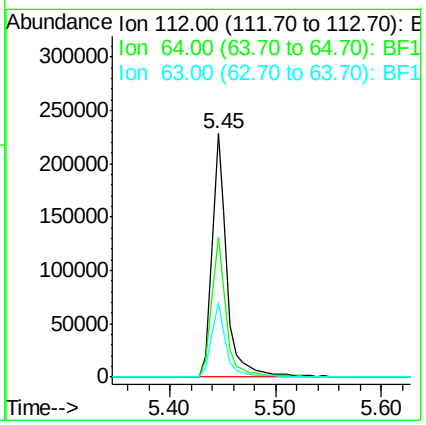


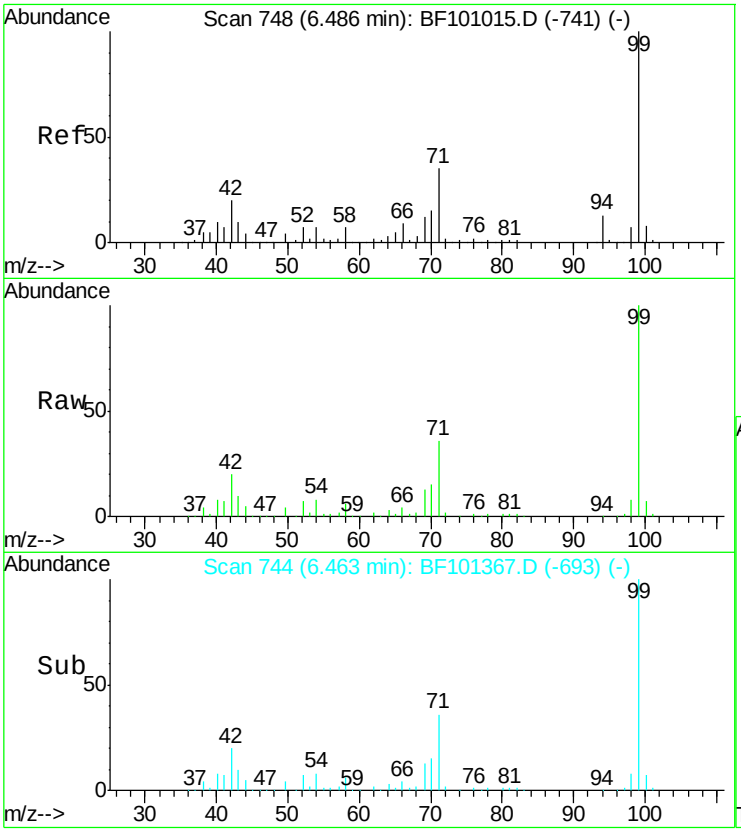


#5
2-Fluorophenol
Concen: 100.610 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101367.D
Acq: 13 Dec 2017 9:32

Tgt Ion:112 Resp: 229800

Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	30.5	23.7	35.5



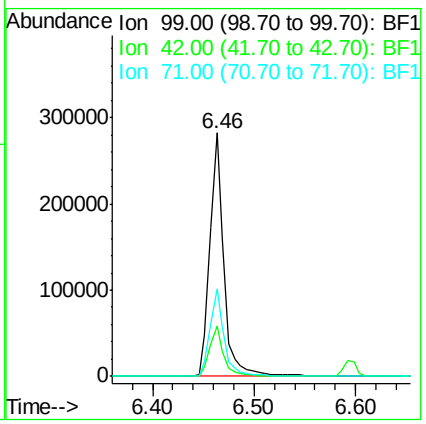


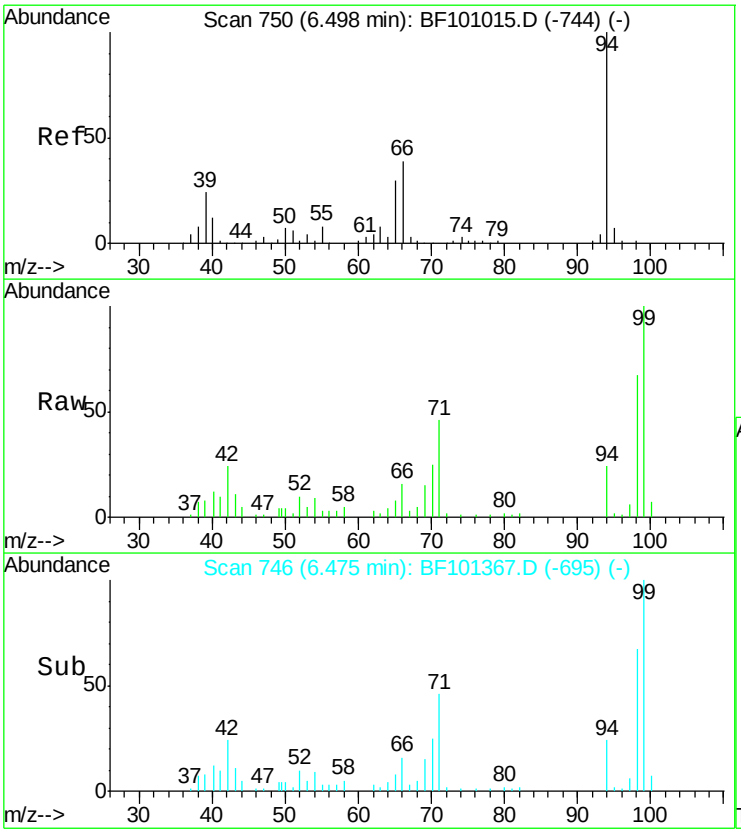
#7
Phenol-d6
Concen: 98.322 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF101367.D
Acq: 13 Dec 2017 9:32

Instrument :
BNA_F
ClientSampleId :
MAP-8-E(4-5)

Tgt Ion: 99 Resp: 272656

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	35.8	25.4	38.0

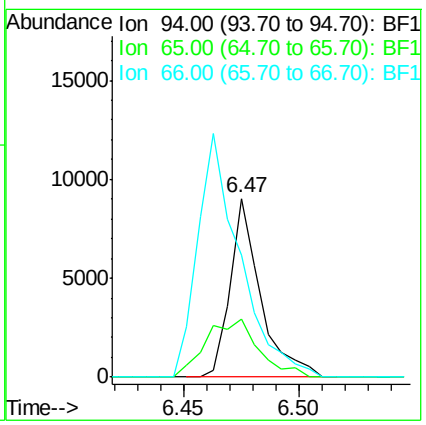


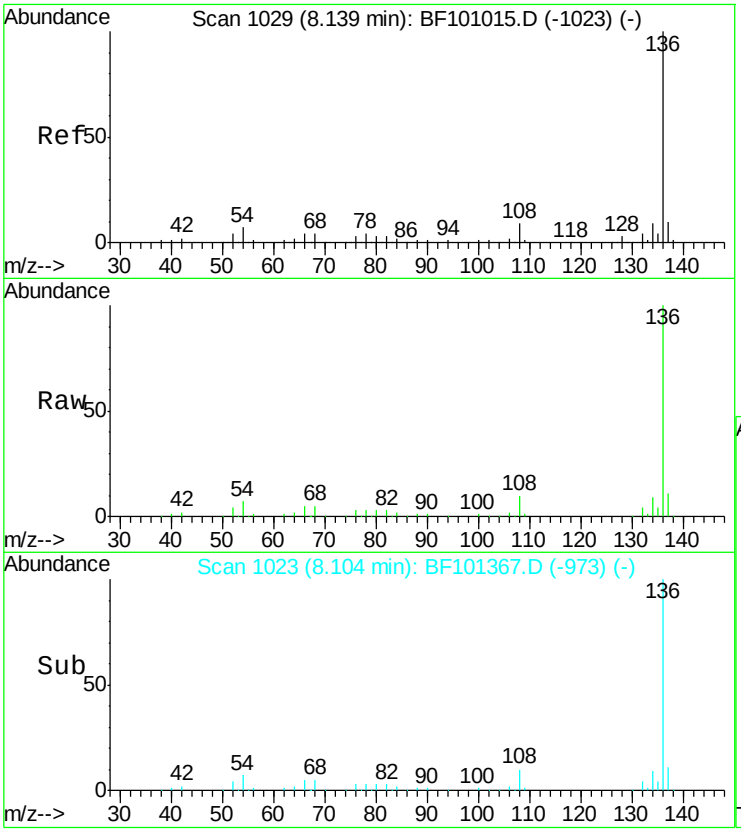


#10
Phenol
Concen: 2.677 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF101367.D
Acq: 13 Dec 2017 9:32

Tgt Ion: 94 Resp: 8256

Ion	Ratio	Lower	Upper
94	100		
65	32.8	7.9	47.9
66	68.2	16.2	56.2#

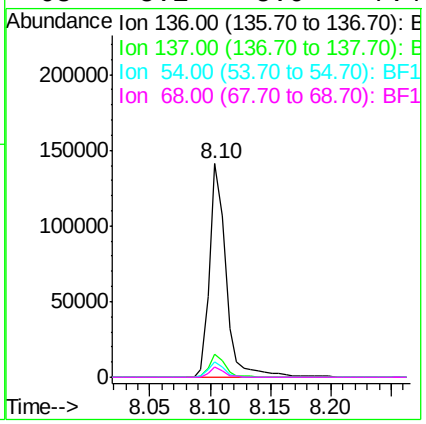




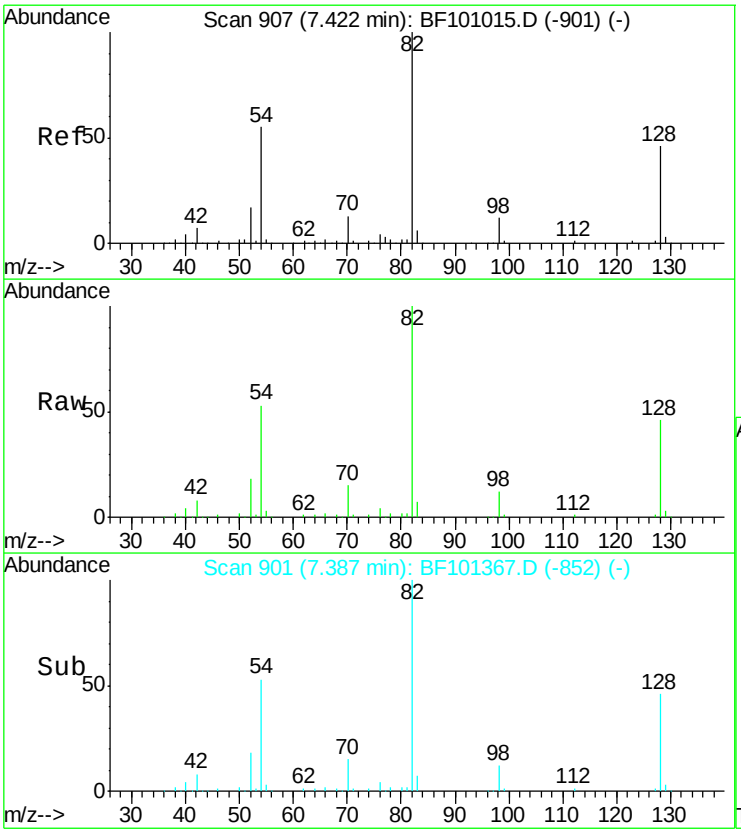
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101367.D
Acq: 13 Dec 2017 9:32

Tgt Ion:136 Resp: 134283

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.4	6.6	9.8
68	5.1	5.0	7.4



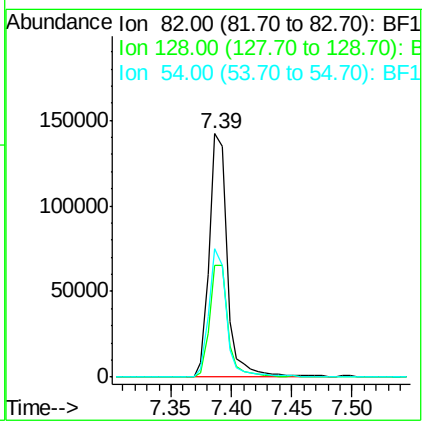
Instrument :
BNA_F
ClientSampleId :
MAP-8-E(4-5)

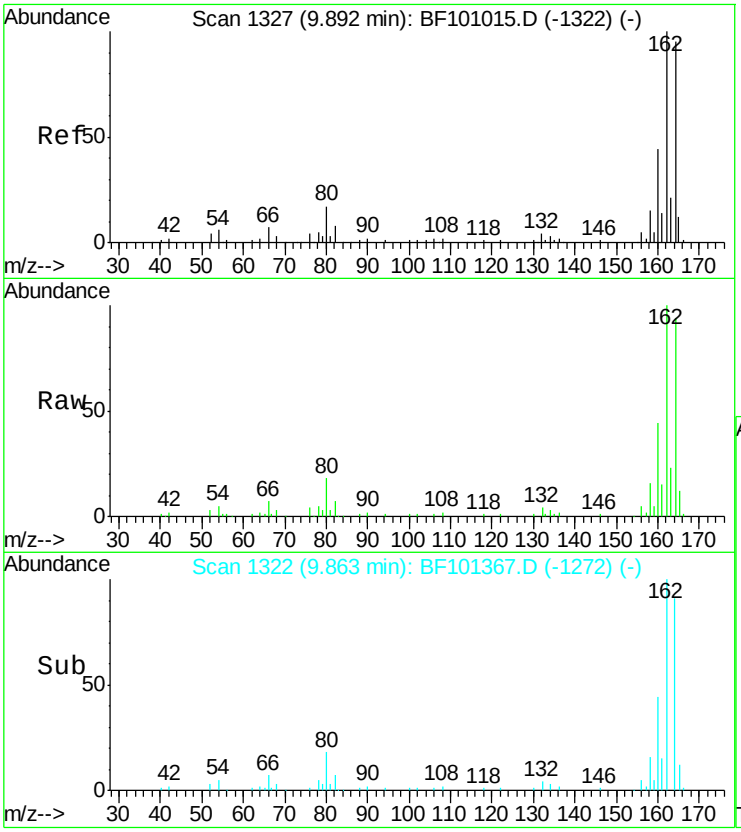


#23
Nitrobenzene-d5
Concen: 65.262 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101367.D
Acq: 13 Dec 2017 9:32

Tgt Ion: 82 Resp: 146908

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	52.8	41.4	62.2



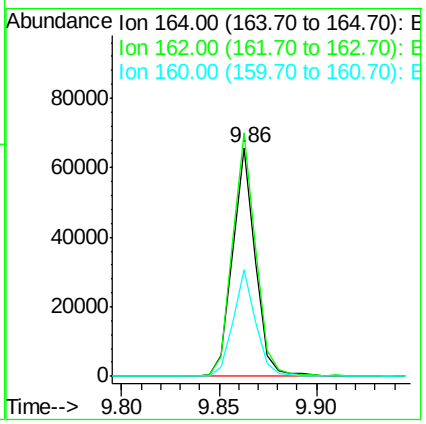


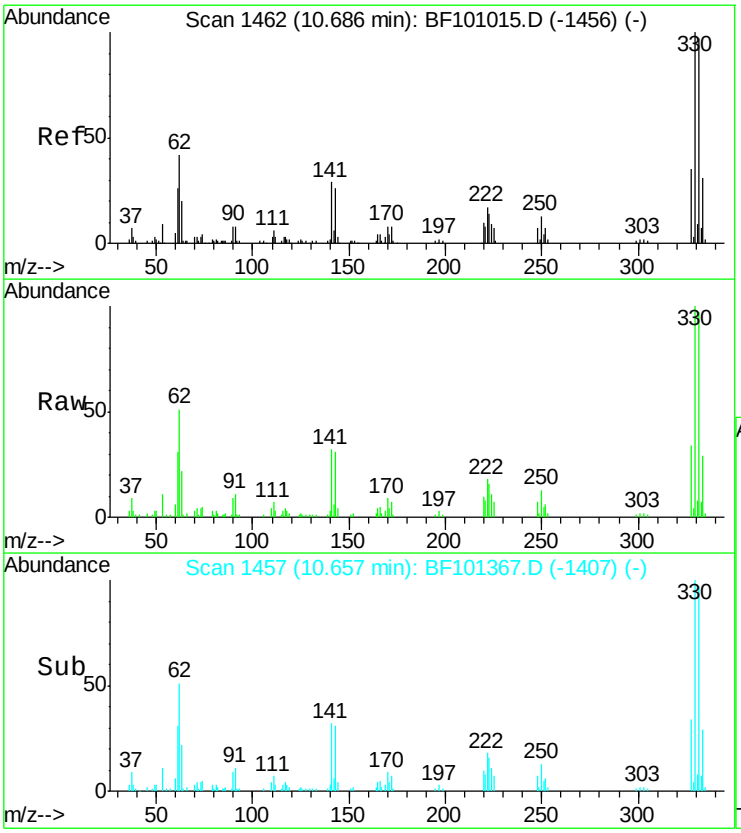
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101367.D
Acq: 13 Dec 2017 9:32

Instrument :
BNA_F
ClientSampleId :
MAP-8-E(4-5)

Tgt Ion:164 Resp: 52975

Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.1	129.1
160	46.5	38.3	57.5

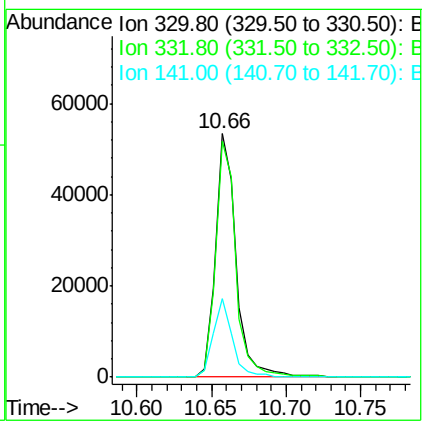


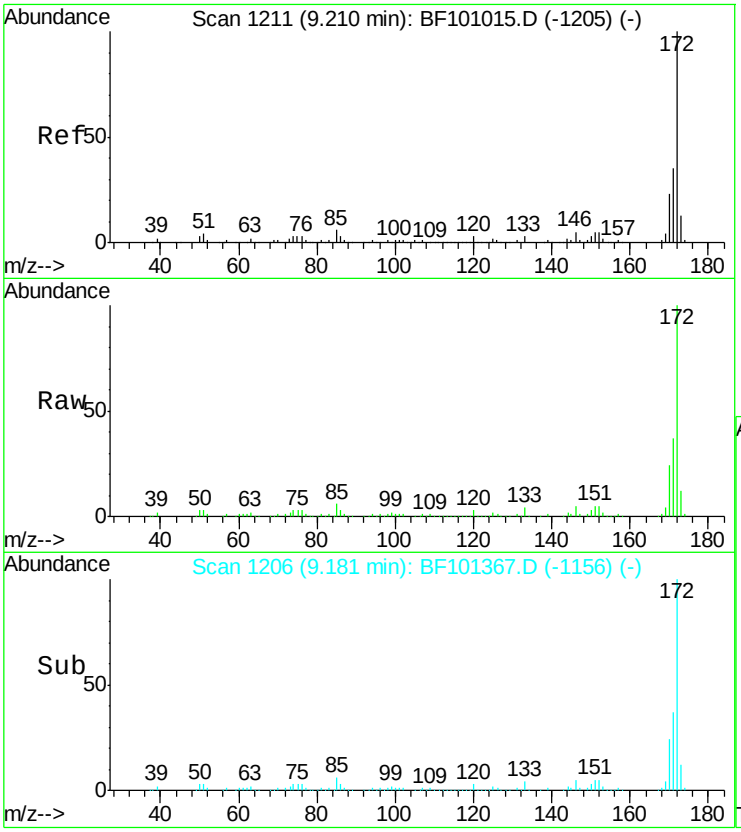


#41
2,4,6-Tribromophenol
Concen: 80.714 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101367.D
Acq: 13 Dec 2017 9:32

Tgt Ion:330 Resp: 51365

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	29.9	29.9	44.9

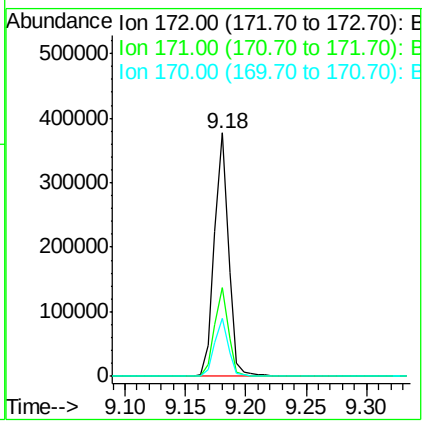




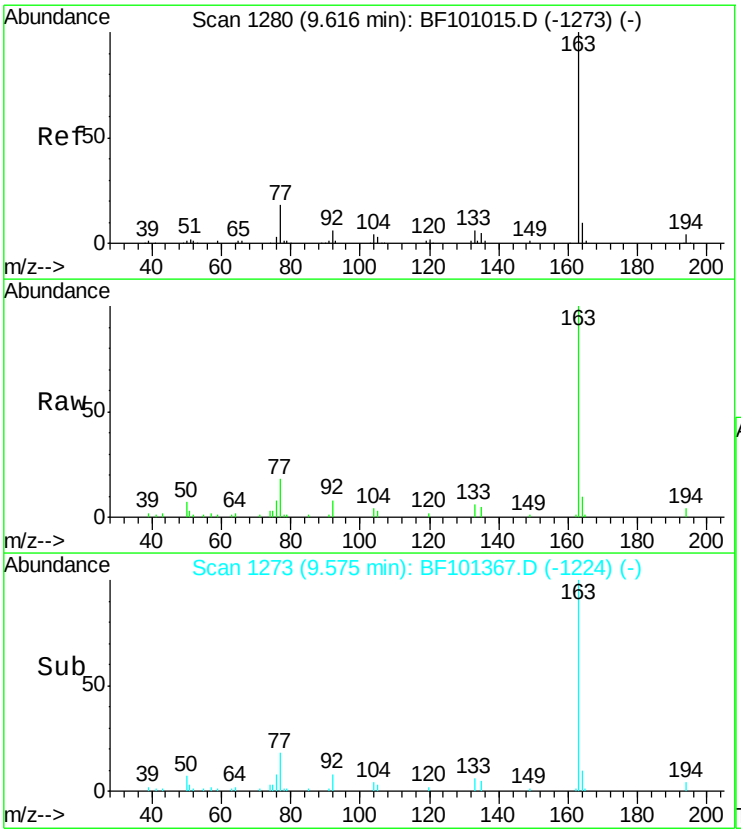
#44
2-Fluorobiphenyl
Concen: 78.067 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101367.D
Acq: 13 Dec 2017 9:32

Tgt Ion:172 Resp: 302266

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.0	19.6	29.4



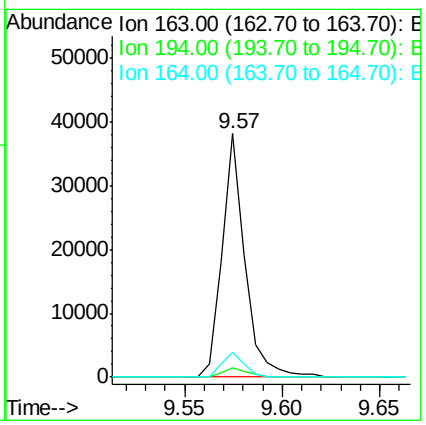
Instrument :
BNA_F
ClientSampleId :
MAP-8-E(4-5)

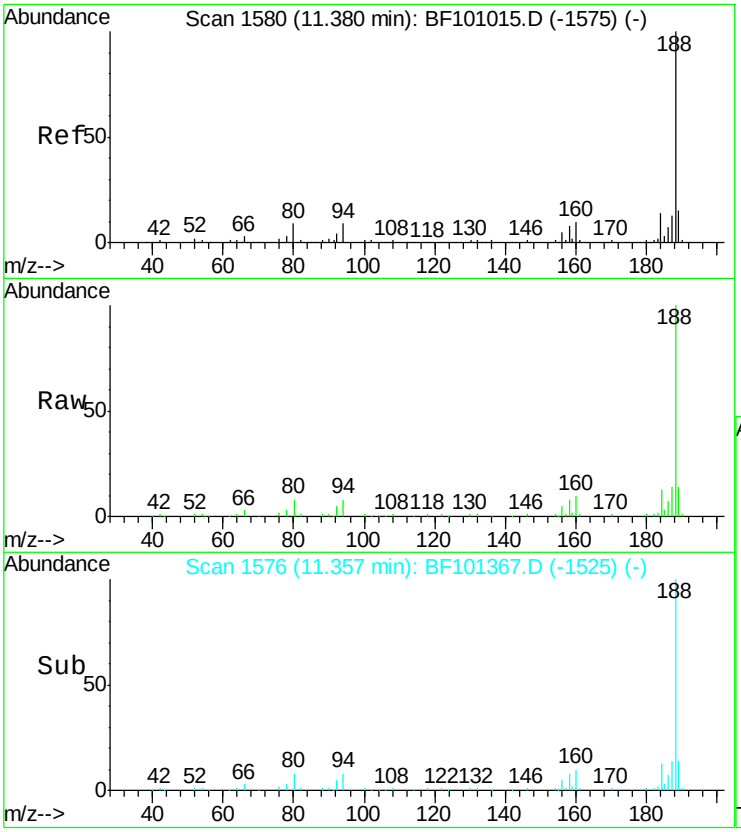


#49
Dimethylphthalate
Concen: 7.224 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101367.D
Acq: 13 Dec 2017 9:32

Tgt Ion:163 Resp: 30862

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.4	8.2	12.2



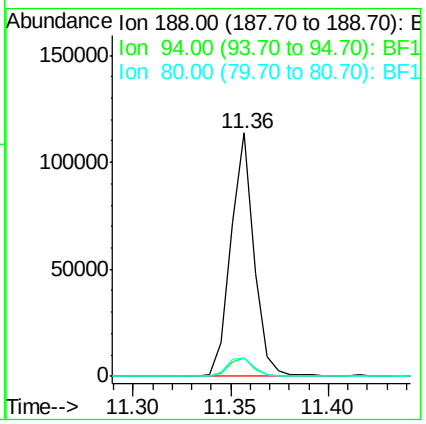


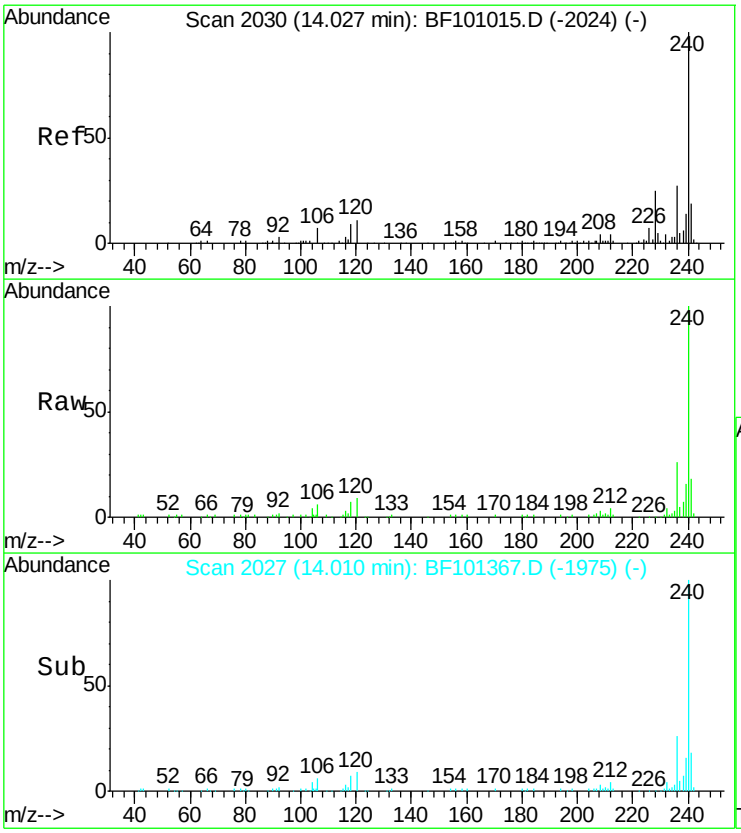
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF101367.D
Acq: 13 Dec 2017 9:32

Instrument :
BNA_F
ClientSampleId :
MAP-8-E(4-5)

Tgt Ion:188 Resp: 93894

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	7.8	9.2	13.8#

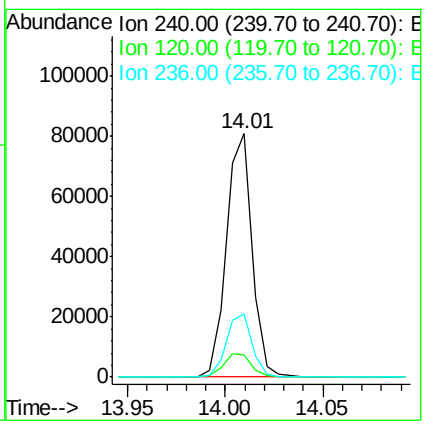


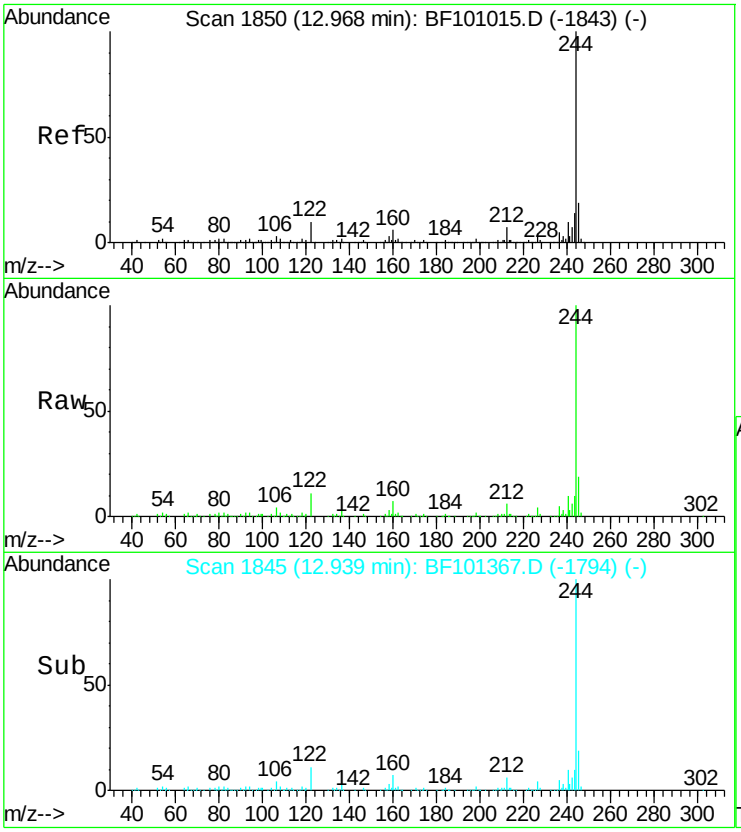


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101367.D
Acq: 13 Dec 2017 9:32

Tgt Ion:240 Resp: 73654

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	25.7	20.7	31.1



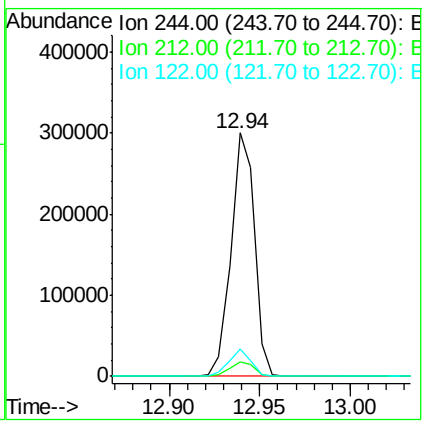


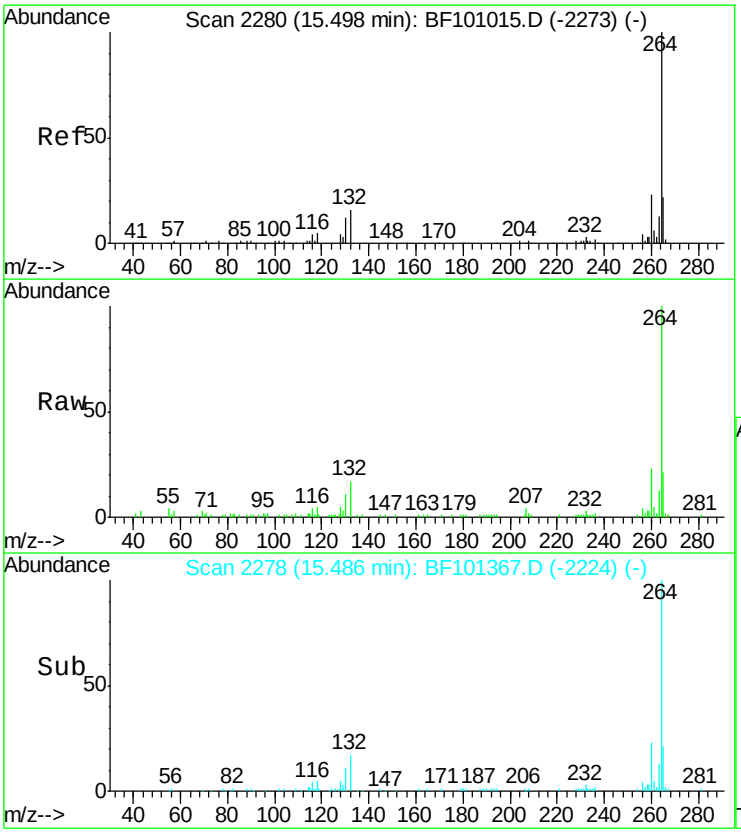
#78
Terphenyl-d14
Concen: 80.123 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF101367.D
Acq: 13 Dec 2017 9:32

Instrument :
BNA_F
ClientSampleId :
MAP-8-E(4-5)

Tgt Ion:244 Resp: 269806

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	11.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101367.D
Acq: 13 Dec 2017 9:32

Tgt Ion:264 Resp: 55699

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.2	17.5	26.3