Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
Data File : BF101614.D
Acq On : 21 Dec 2017 18:33
Operator : SJ/JU
Sample : I6681-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-121917-B

Quant Time: Dec 22 01:14:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	121804	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	436063	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	161917	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	280594	20.00	ng	0.00
75) Chrysene-d12	13.97	240	305806	20.00	ng	0.00
86) Perylene-d12	15.44	264	248607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	774542	94.72	ng	0.01
7) Phenol-d6	6.44	99	891514	87.60	ng	0.00
23) Nitrobenzene-d5	7.36	82	543626	69.40	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	139925	89.68	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	798094	76.46	ng	0.00
78) Terphenyl-d14	12.90	244	710300	56.00	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.45	94	33199	2.862	ng	# 63
49) Dimethylphthalate	9.55	163	49267	3.783	ng	99

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

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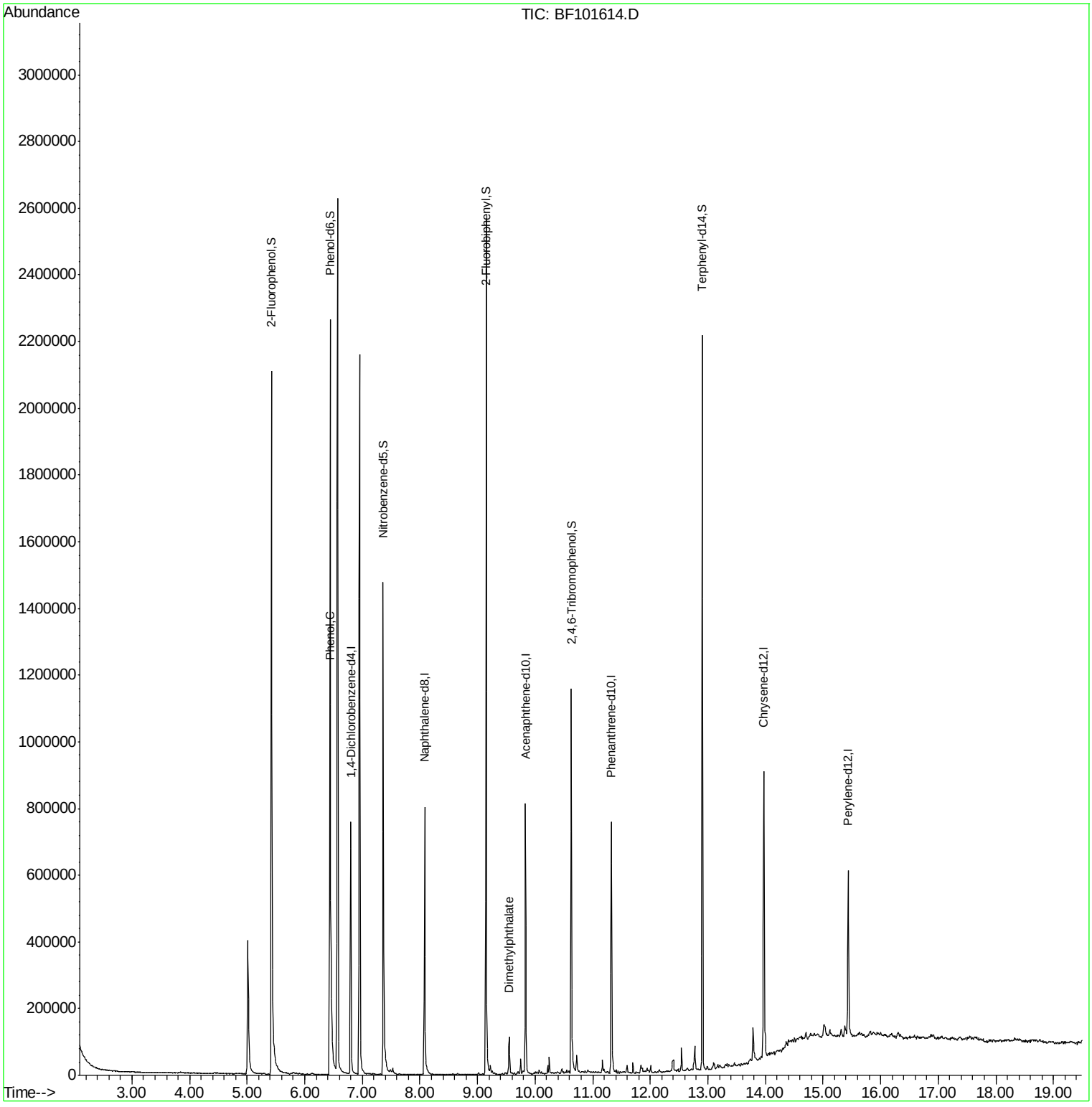
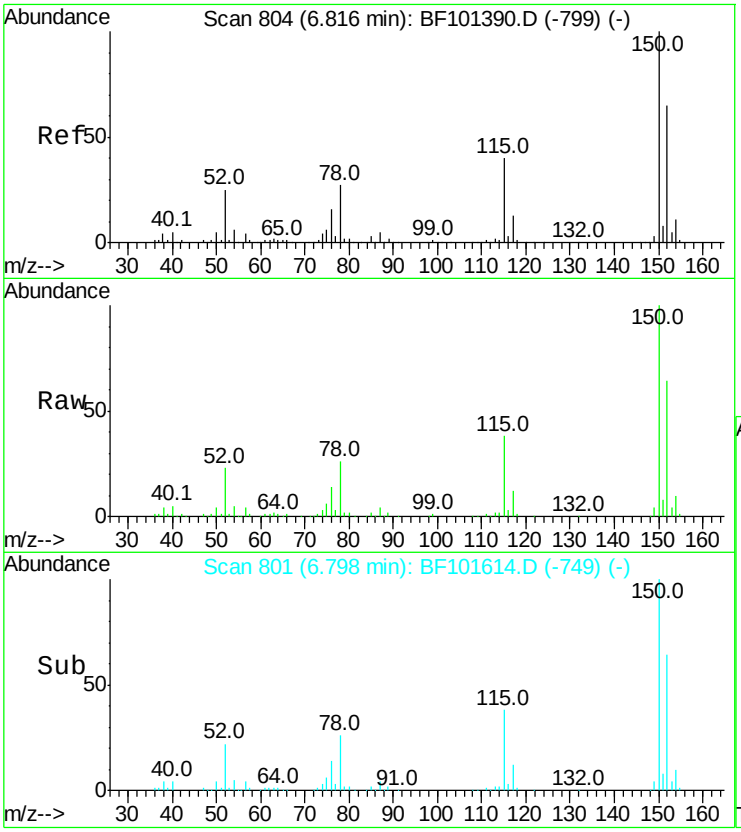


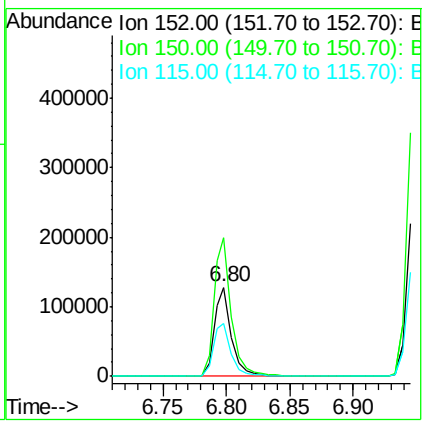


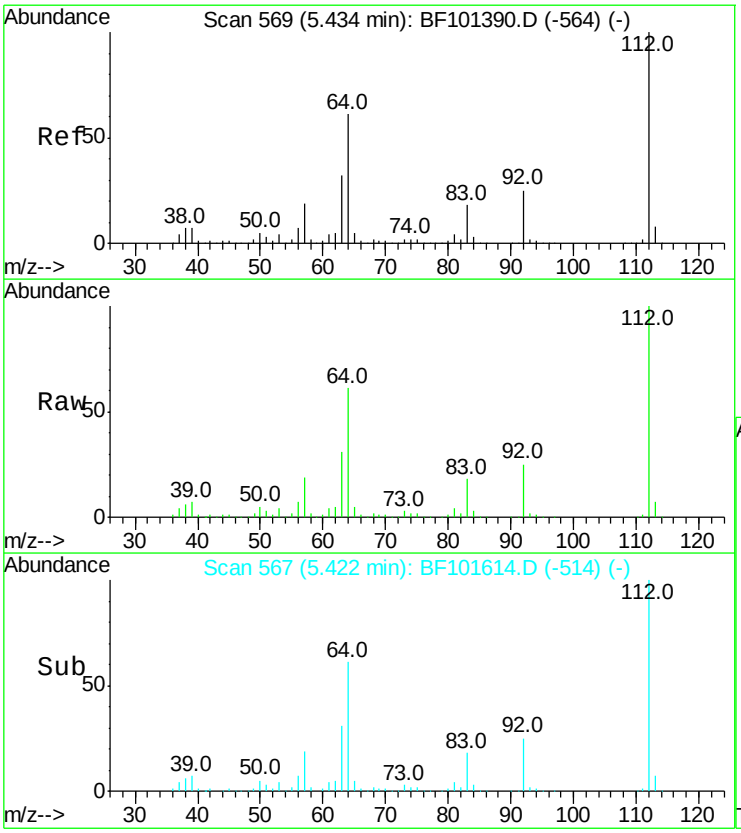
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-B

Tgt Ion:152 Resp: 121804

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	58.8	50.1	75.1

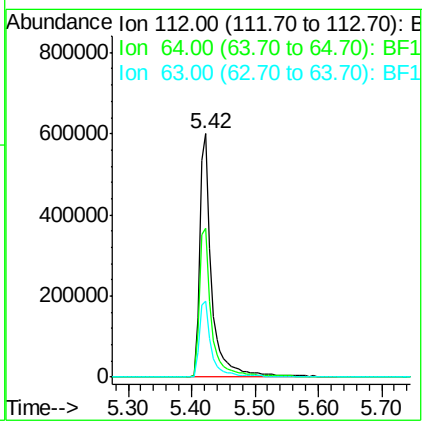


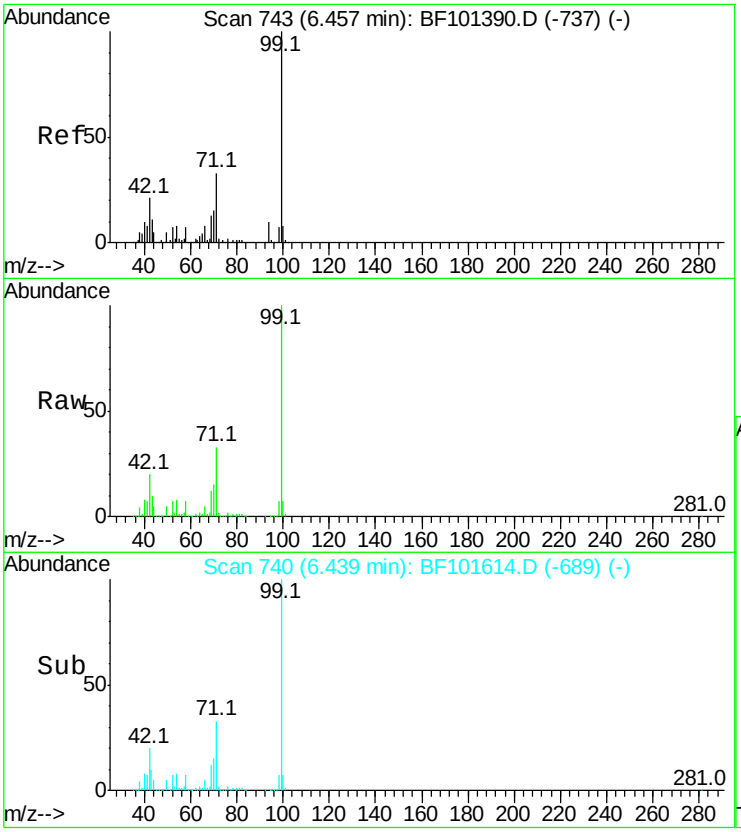


#5
2-Fluorophenol
Concen: 94.721 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Tgt Ion:112 Resp: 774542

Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.9	71.9
63	31.4	23.7	35.5



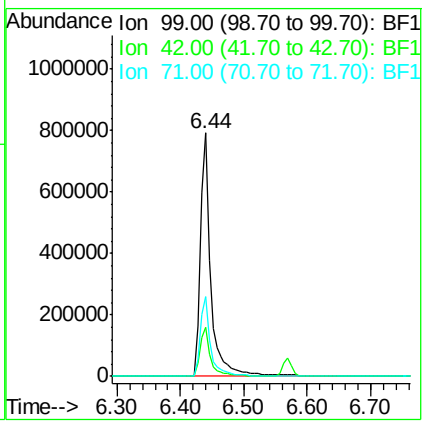


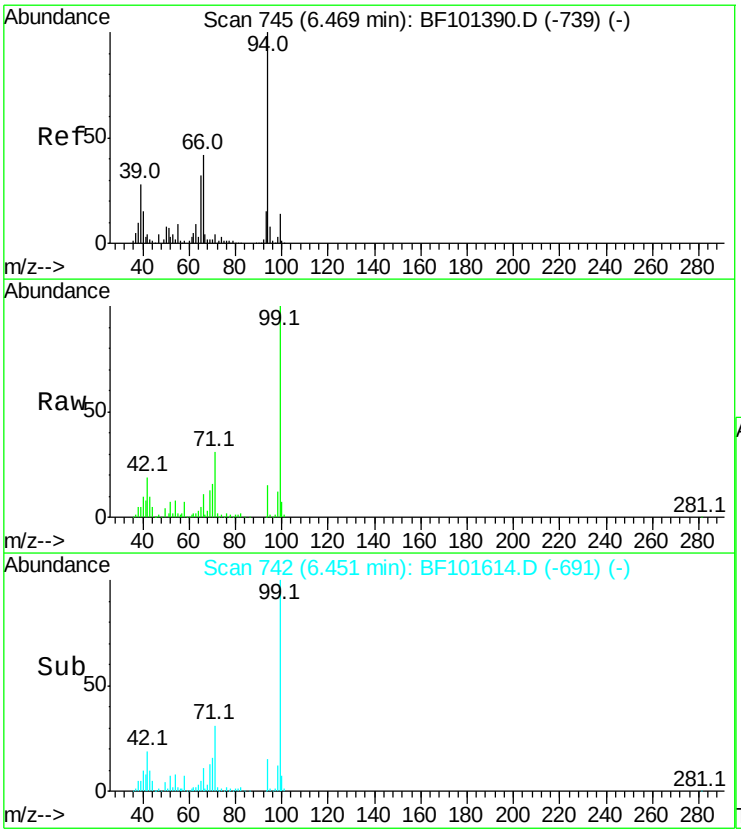
#7
Phenol-d6
Concen: 87.604 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-B

Tgt Ion: 99 Resp: 891514

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	32.6	25.4	38.0

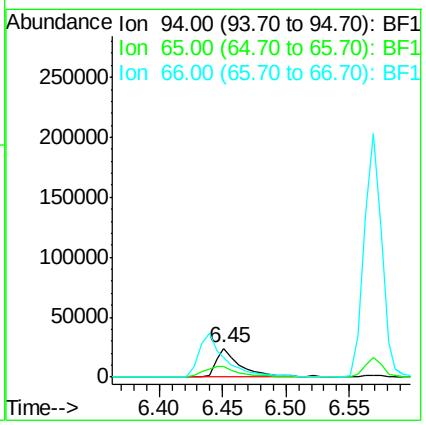


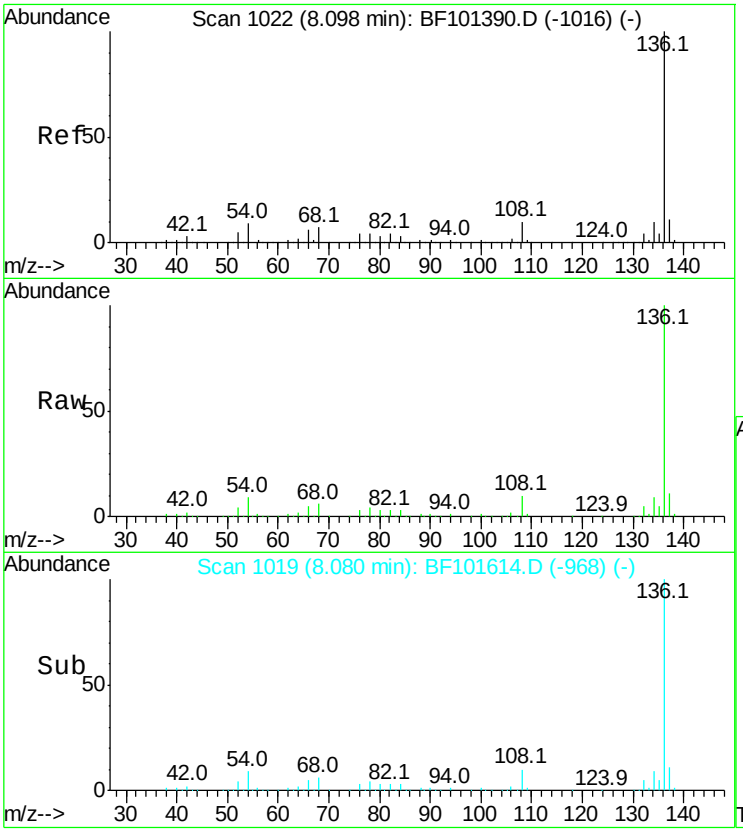


#10
Phenol
Concen: 2.862 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Tgt Ion: 94 Resp: 33199

Ion	Ratio	Lower	Upper
94	100		
65	35.4	7.9	47.9
66	68.5	16.2	56.2#



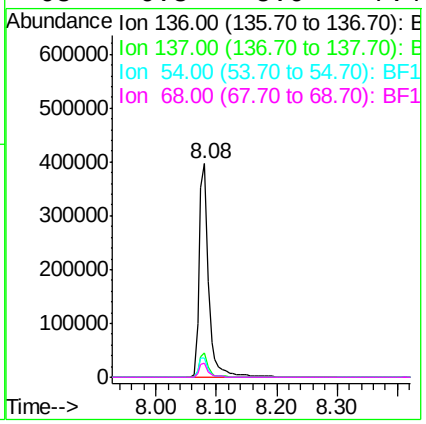


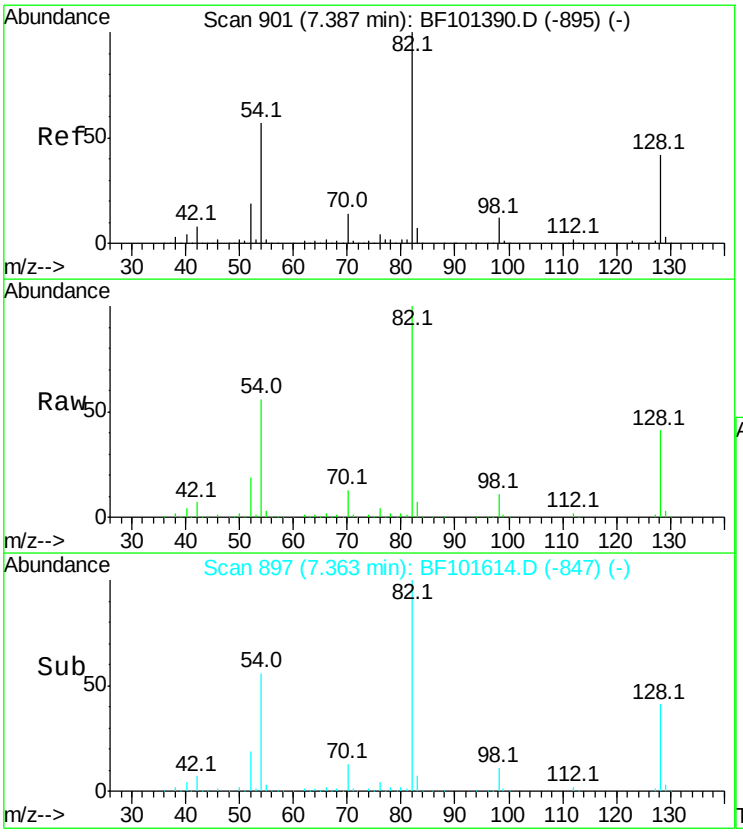
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-B

Tgt Ion:136 Resp: 436063

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.8	6.6	9.8
68	6.3	5.0	7.4

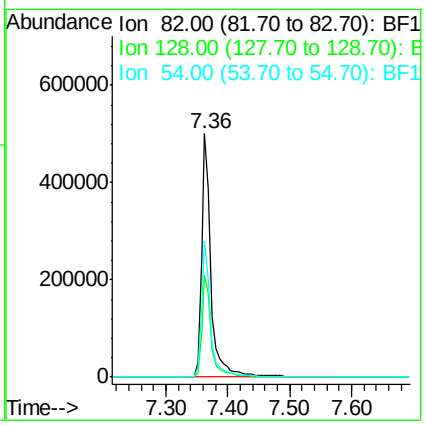


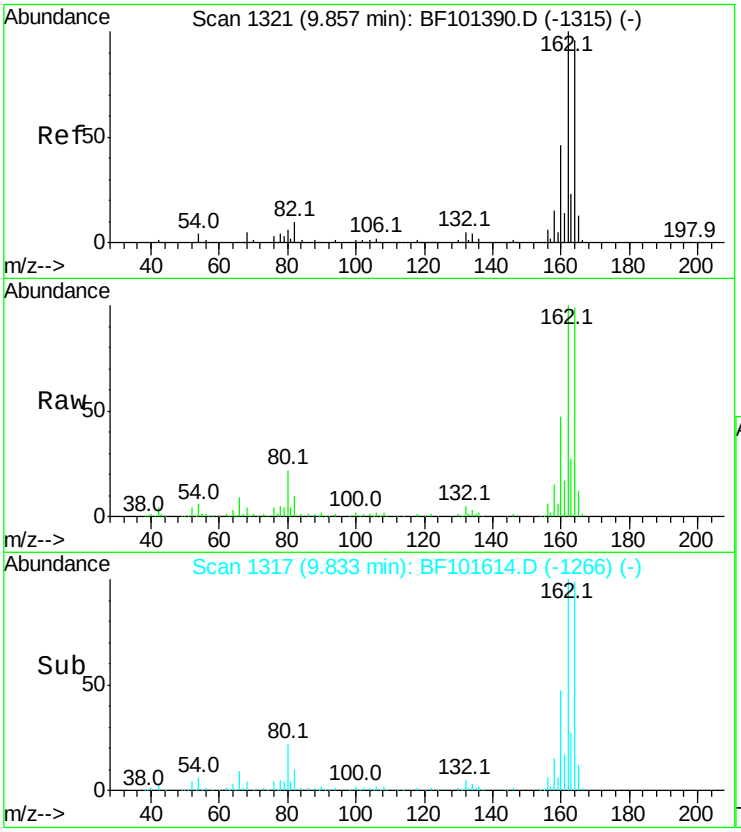


#23
Nitrobenzene-d5
Concen: 69.397 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Tgt Ion: 82 Resp: 543626

Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	56.1	41.4	62.2



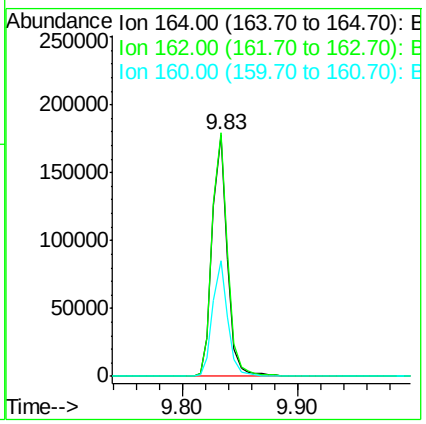


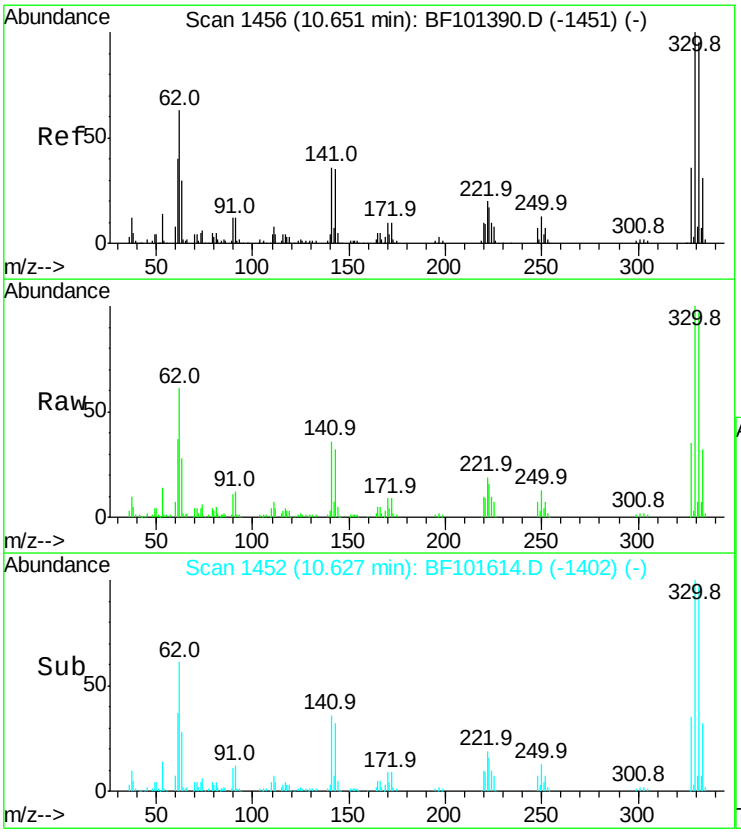
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-B

Tgt Ion:164 Resp: 161917

Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	47.8	38.3	57.5

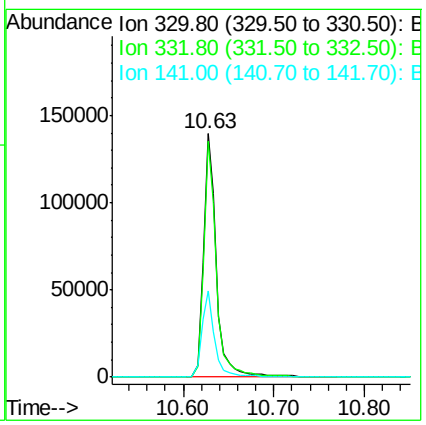


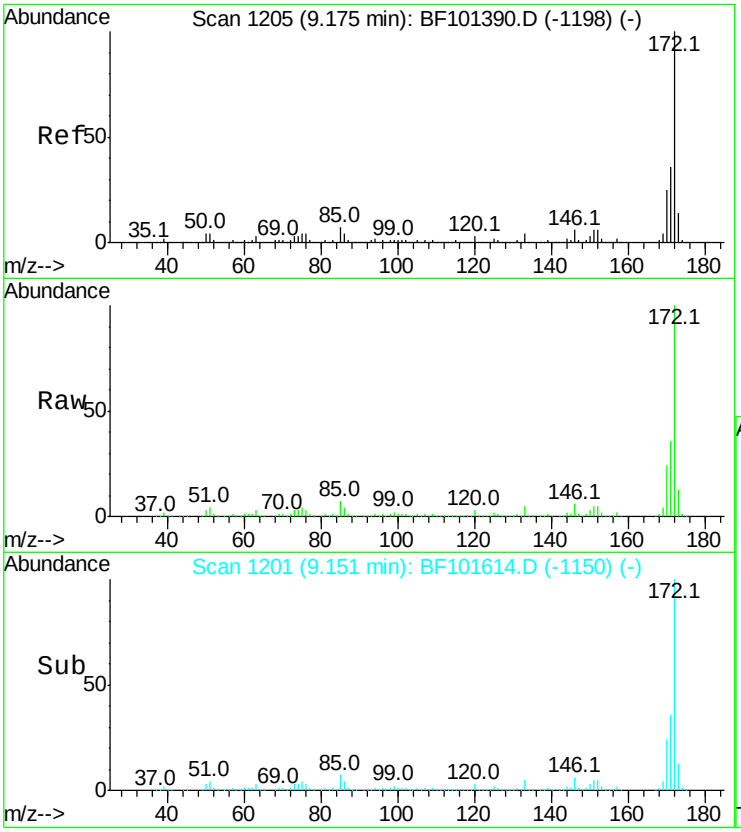


#41
2,4,6-Tribromophenol
Concen: 89.684 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Tgt Ion:330 Resp: 139925

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	35.2	29.9	44.9



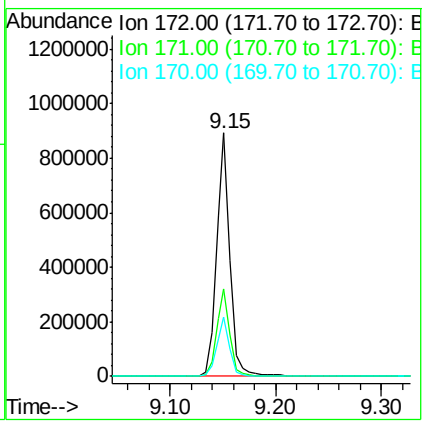


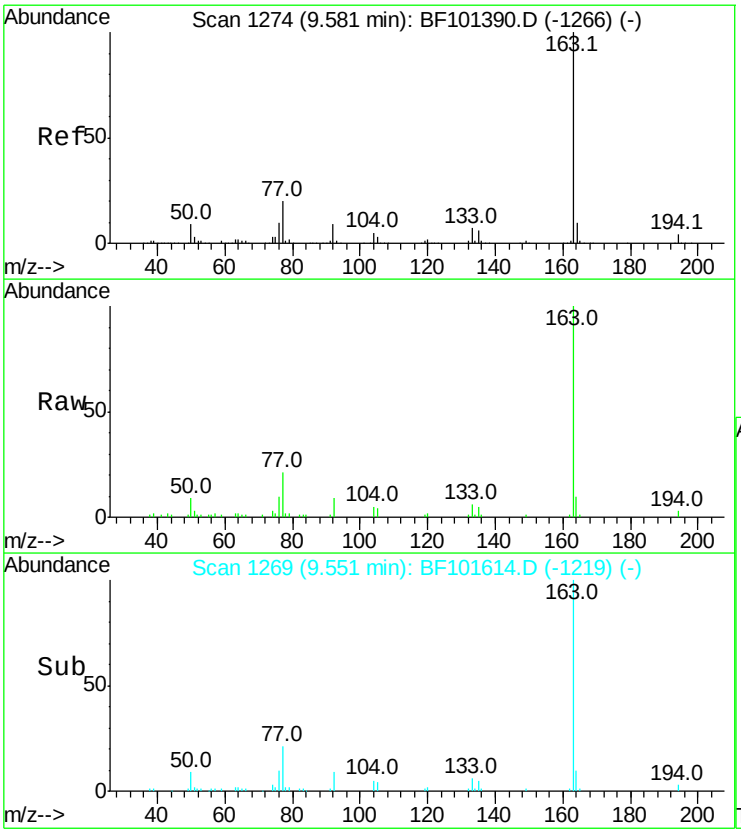
#44
2-Fluorobiphenyl
Concen: 76.461 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-B

Tgt Ion:172 Resp: 798094

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.4	19.6	29.4

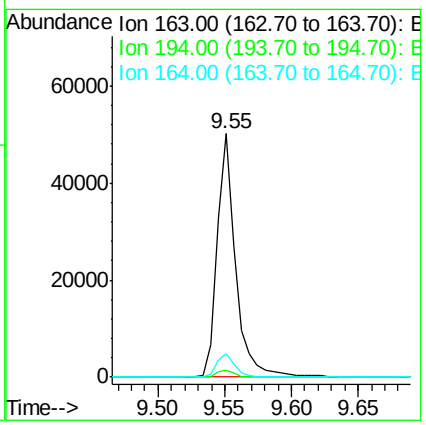


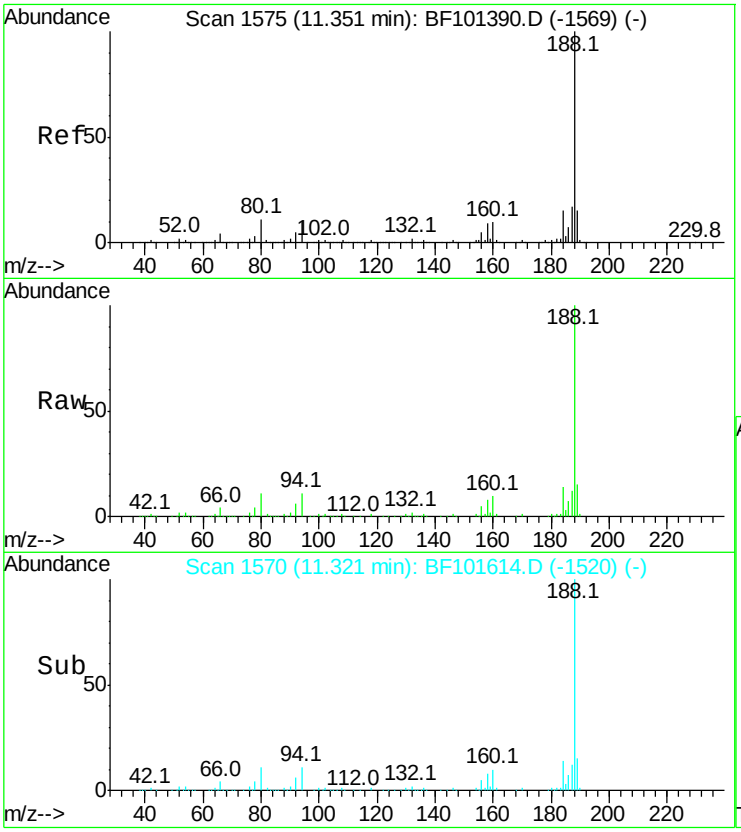


#49
Dimethylphthalate
Concen: 3.783 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Tgt Ion:163 Resp: 49267

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.7	4.1
164	9.9	8.2	12.2



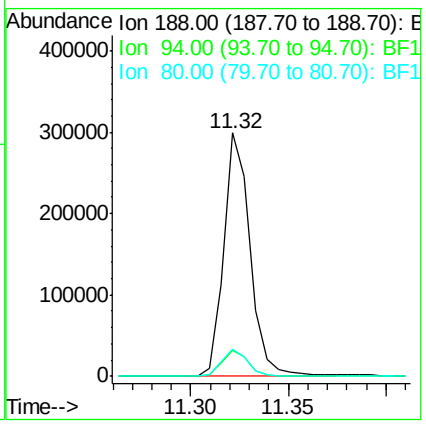


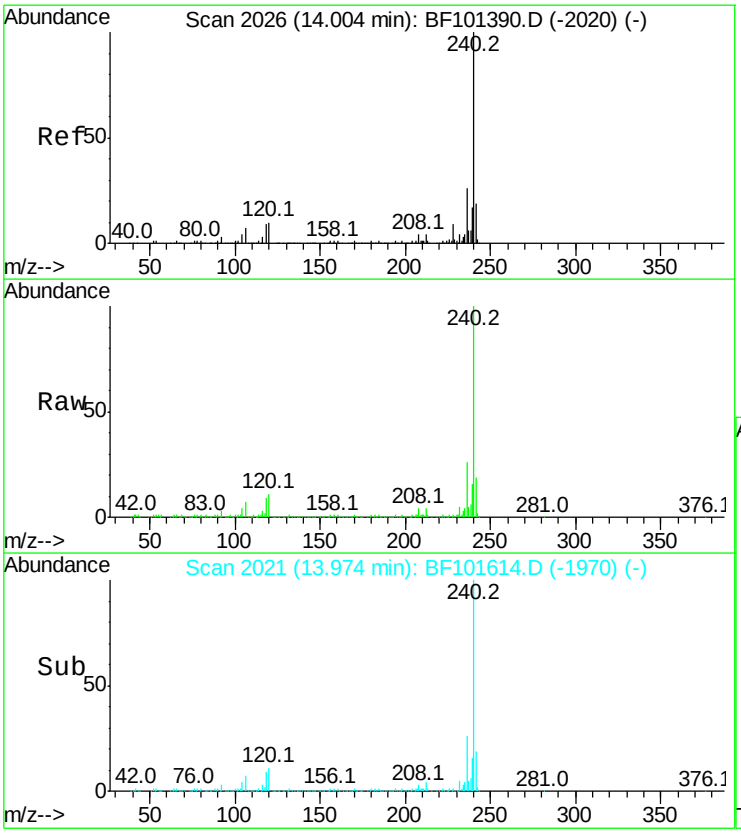
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-B

Tgt Ion:188 Resp: 280594

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.2	9.2	13.8

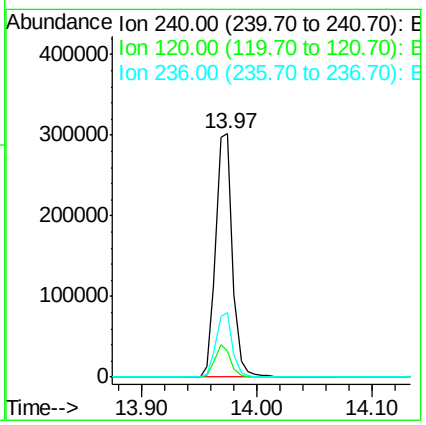


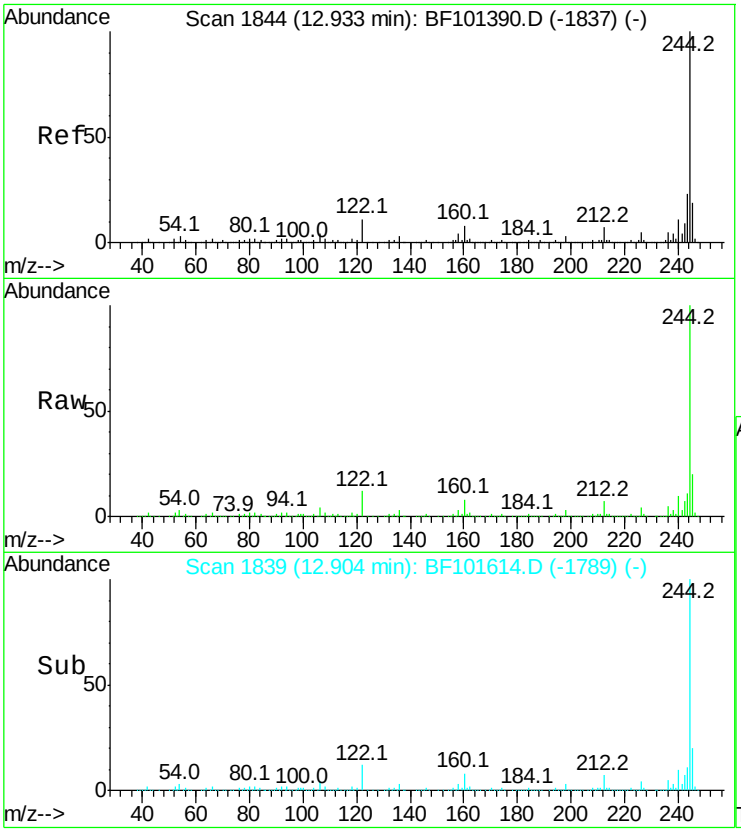


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Tgt Ion:240 Resp: 305806

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	26.3	20.7	31.1



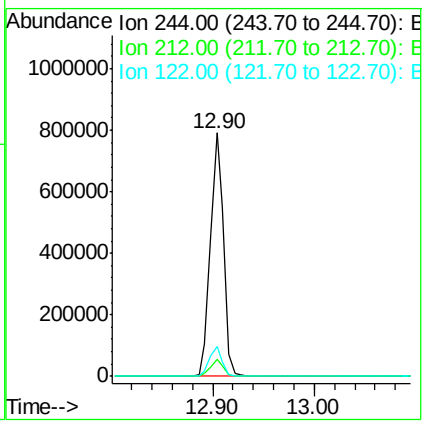


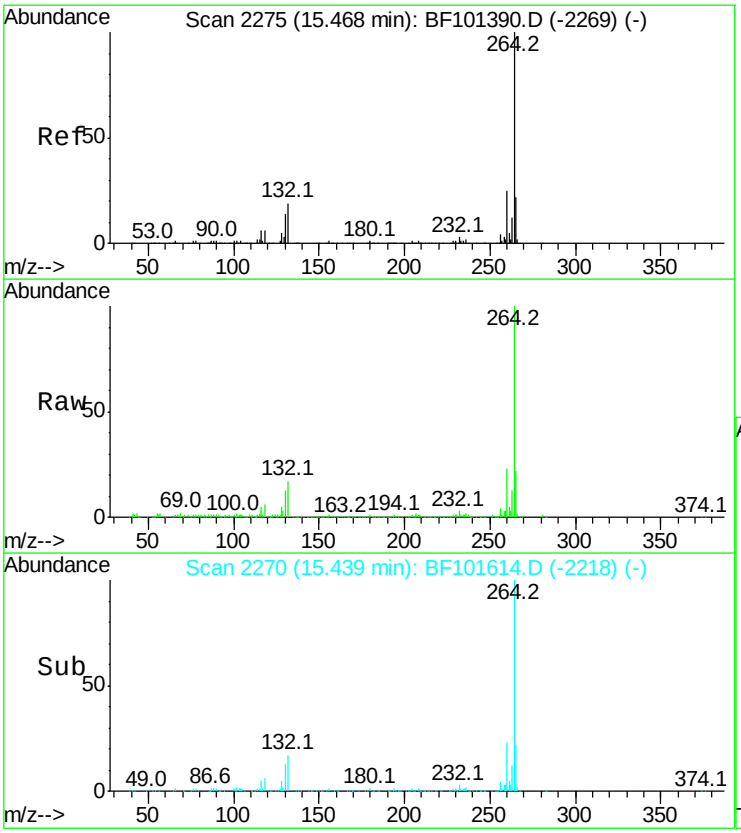
#78
Terphenyl-d14
Concen: 55.995 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-B

Tgt Ion:244 Resp: 710300

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Tgt Ion:264 Resp: 248607

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.5	17.5	26.3