Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096615.D
Acq On : 10 Jul 2017 21:48
Operator : SJ/JU
Sample : I4078-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-228

Quant Time: Jul 11 04:07:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	132849	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	551555	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	244810	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	387728	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	252507	20.00	ng	-0.03
86) Perylene-d12	15.22	264	234198	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	804612	89.39	ng	-0.01
7) Phenol-d6	6.32	99	1072264	96.90	ng	-0.02
23) Nitrobenzene-d5	7.25	82	591378	64.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	198826	103.97	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1049326	73.29	ng	-0.02
78) Terphenyl-d14	12.78	244	718955	60.84	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.33	94	31971	2.54	ng	92
49) Dimethylphthalate	9.43	163	202421	11.08	ng	100

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

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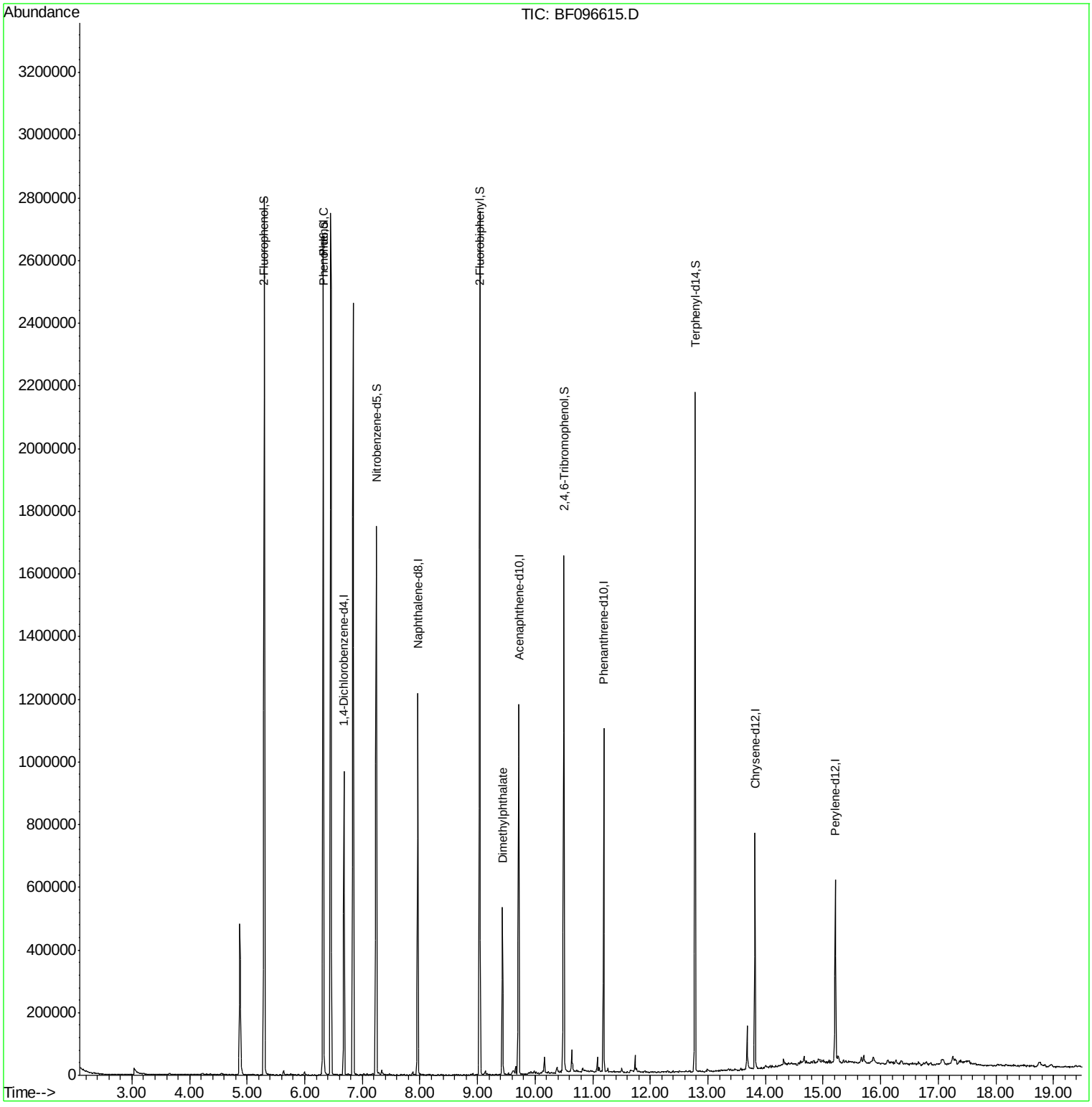
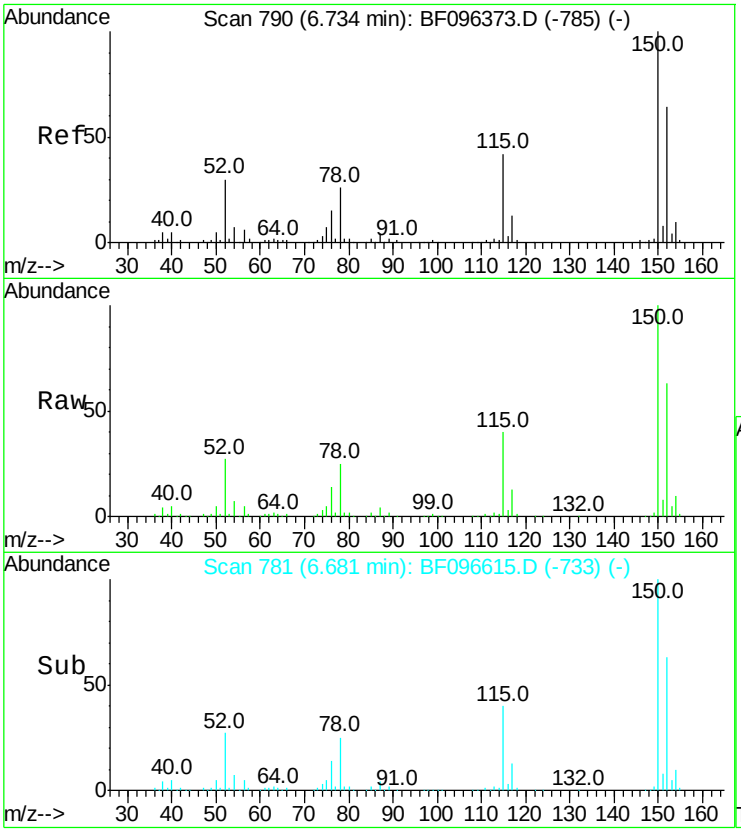


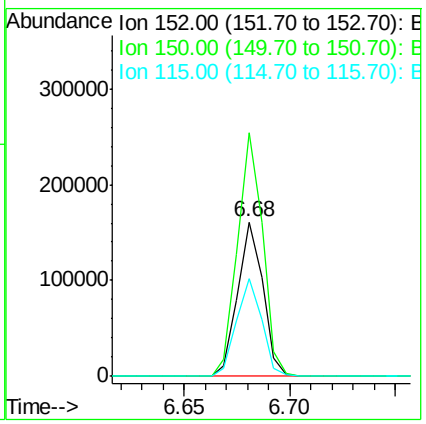


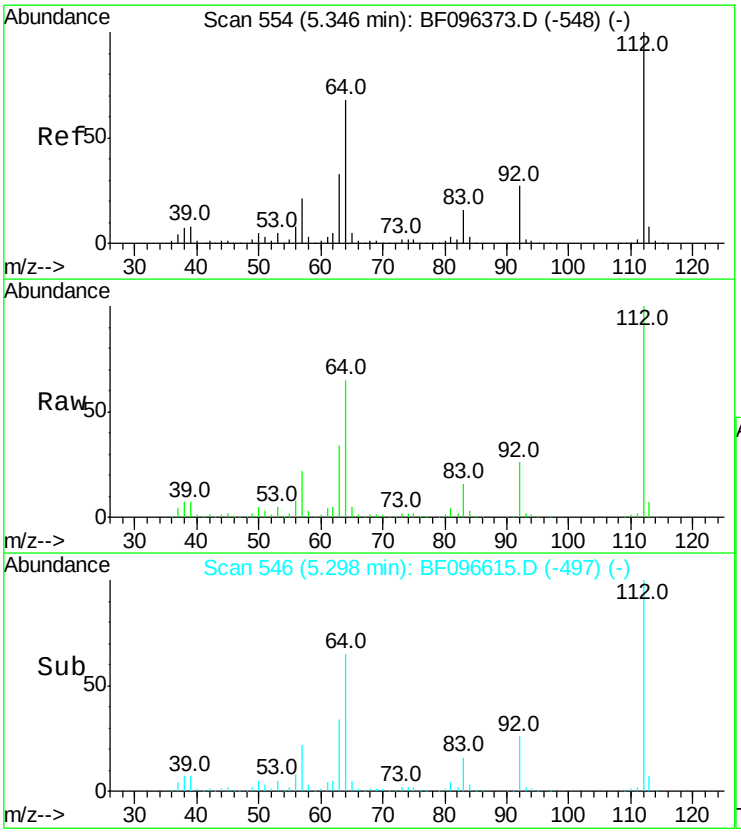
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion:152 Resp: 132849

Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	63.2	52.2	78.2

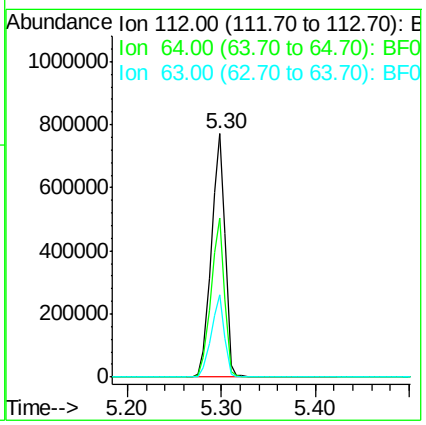


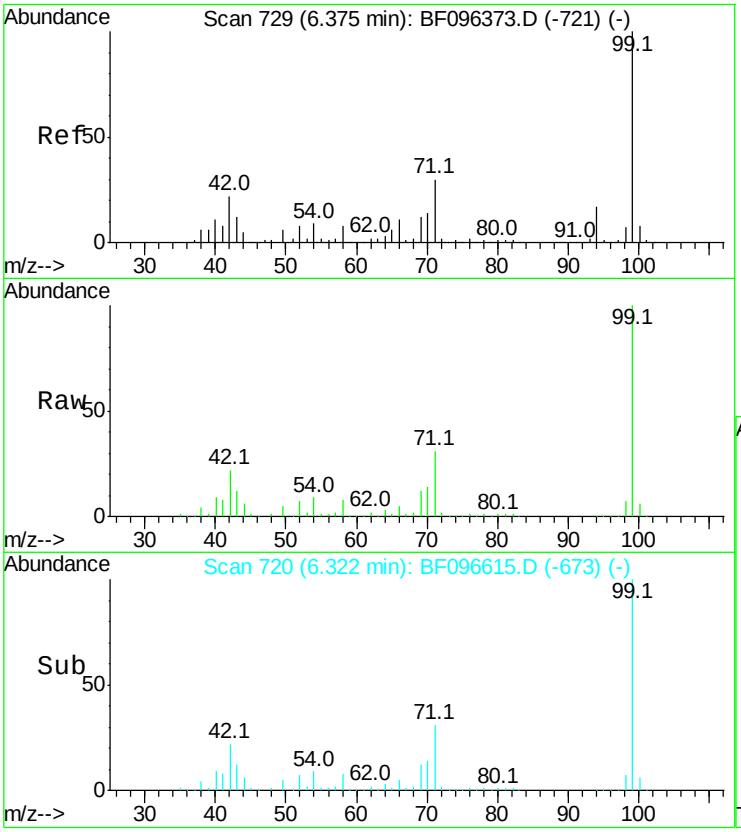


#5
2-Fluorophenol
Concen: 89.39 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Tgt Ion:112 Resp: 804612

Ion	Ratio	Lower	Upper
112	100		
64	65.2	46.0	69.0
63	34.0	23.4	35.0



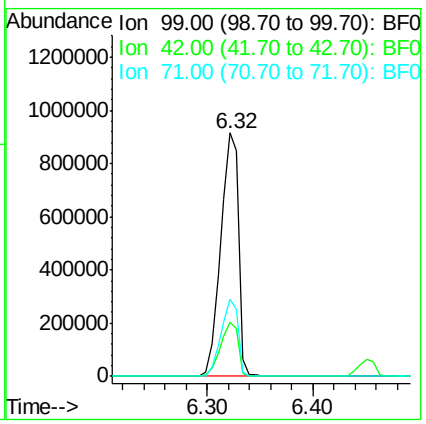


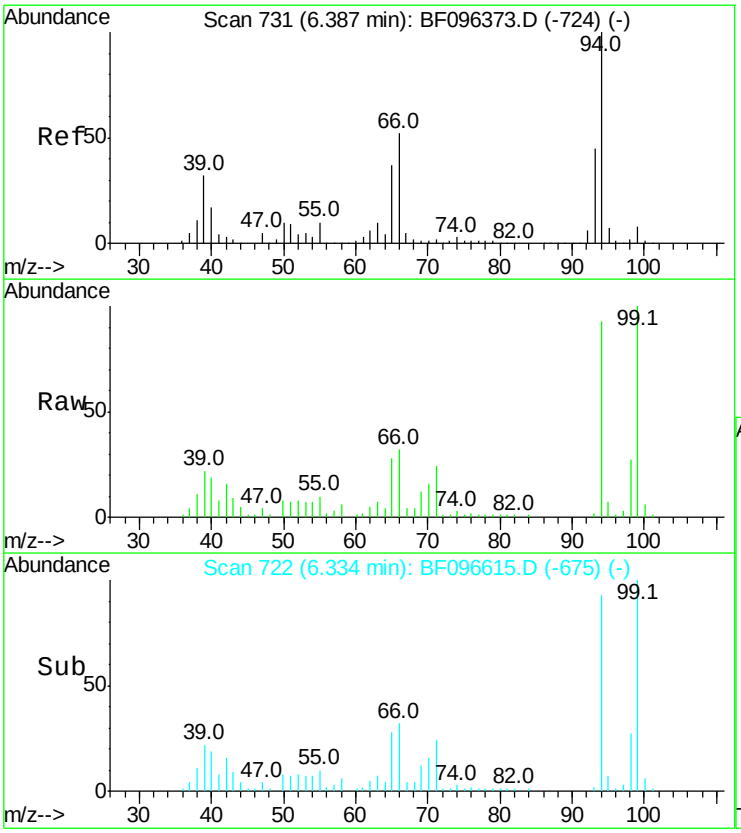
#7
Phenol-d6
Concen: 96.90 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion: 99 Resp: 1072264

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	31.5	24.5	36.7

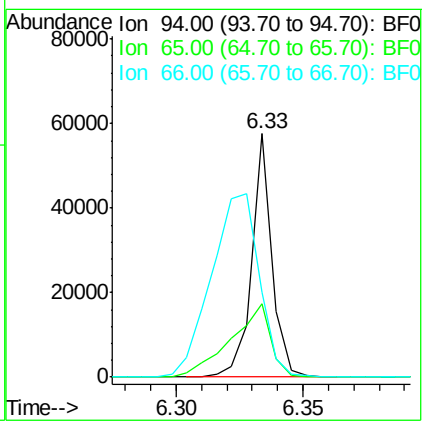


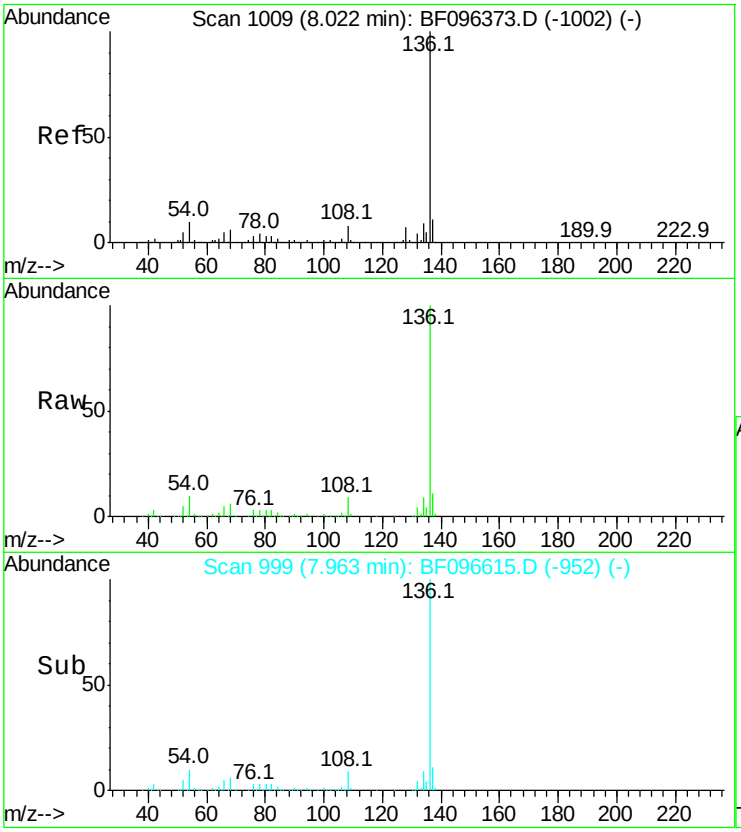


#10
Phenol
Concen: 2.54 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Tgt Ion: 94 Resp: 31971

Ion	Ratio	Lower	Upper
94	100		
65	30.0	9.9	49.9
66	34.8	23.1	63.1



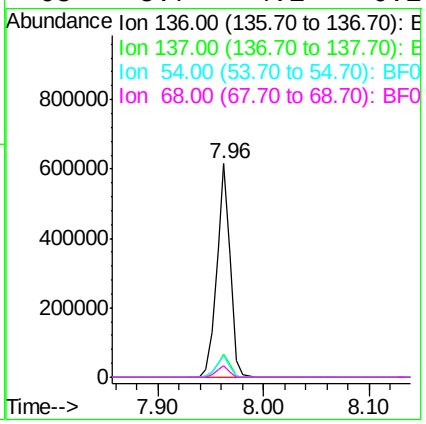


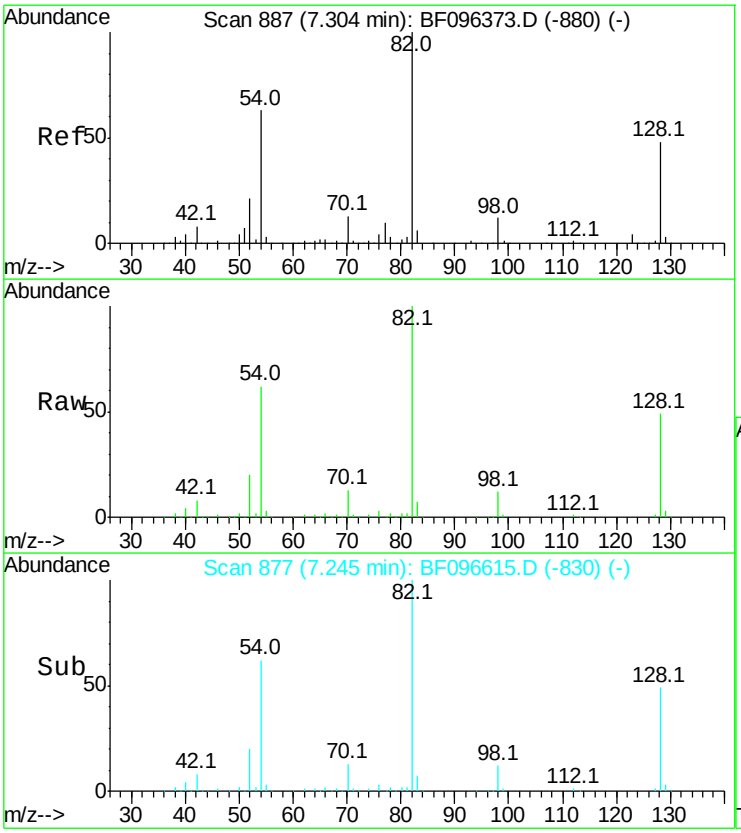
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion:136 Resp: 551555

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.3	4.9	7.3#
68	5.7	4.1	6.1

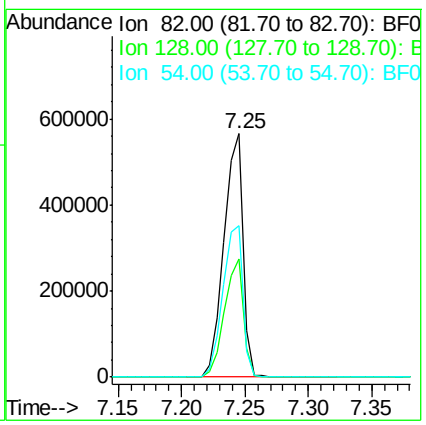


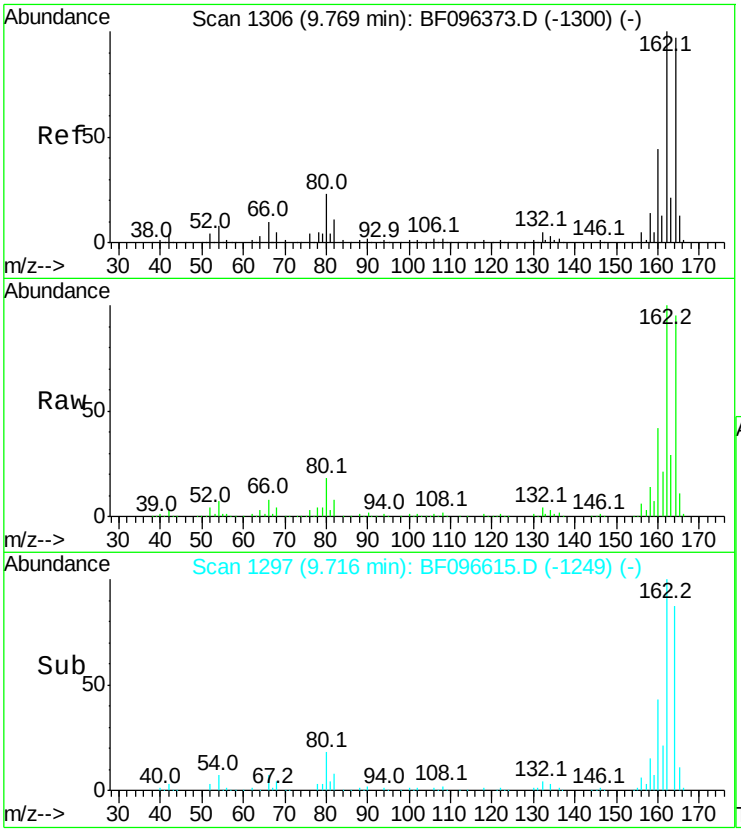


#23
Nitrobenzene-d5
Concen: 64.43 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Tgt Ion: 82 Resp: 591378

Ion	Ratio	Lower	Upper
82	100		
128	48.7	34.0	51.0
54	62.0	42.2	63.2



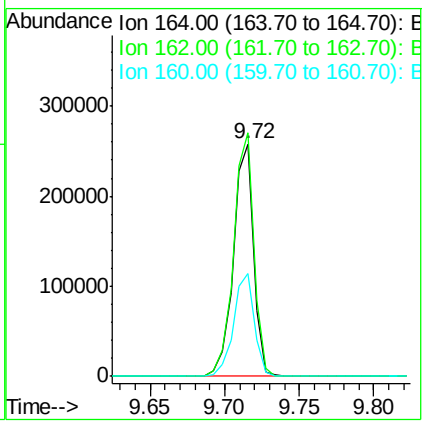


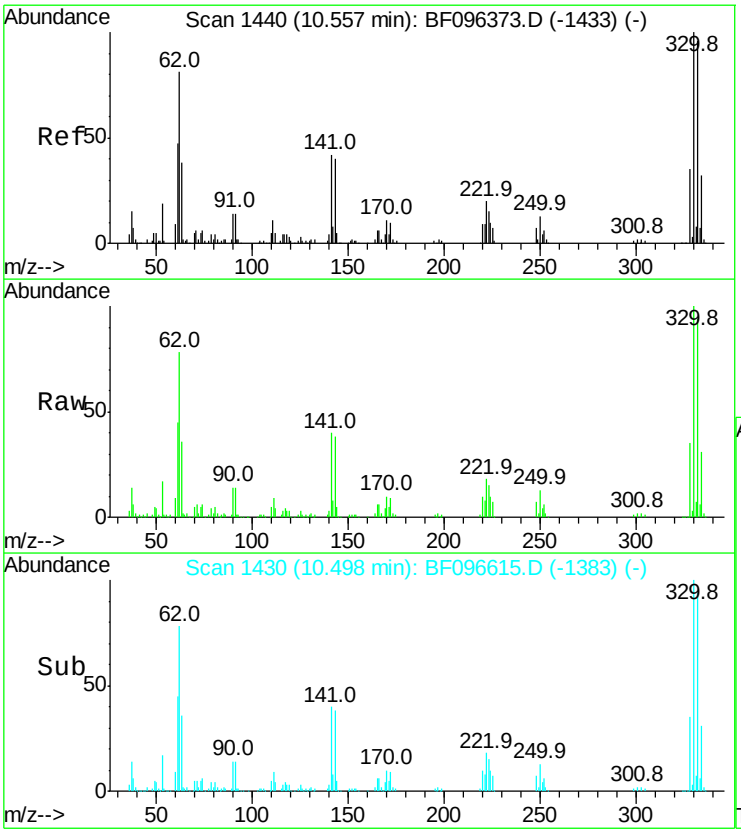
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion:164 Resp: 244810

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.6	123.8
160	44.3	36.2	54.2

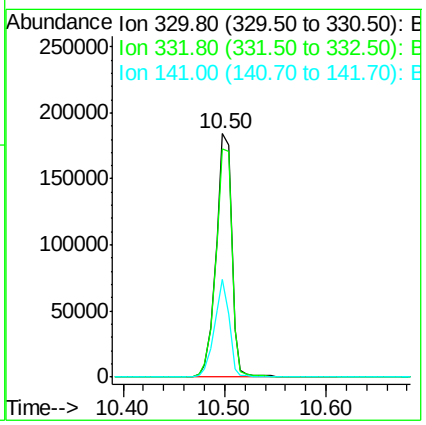


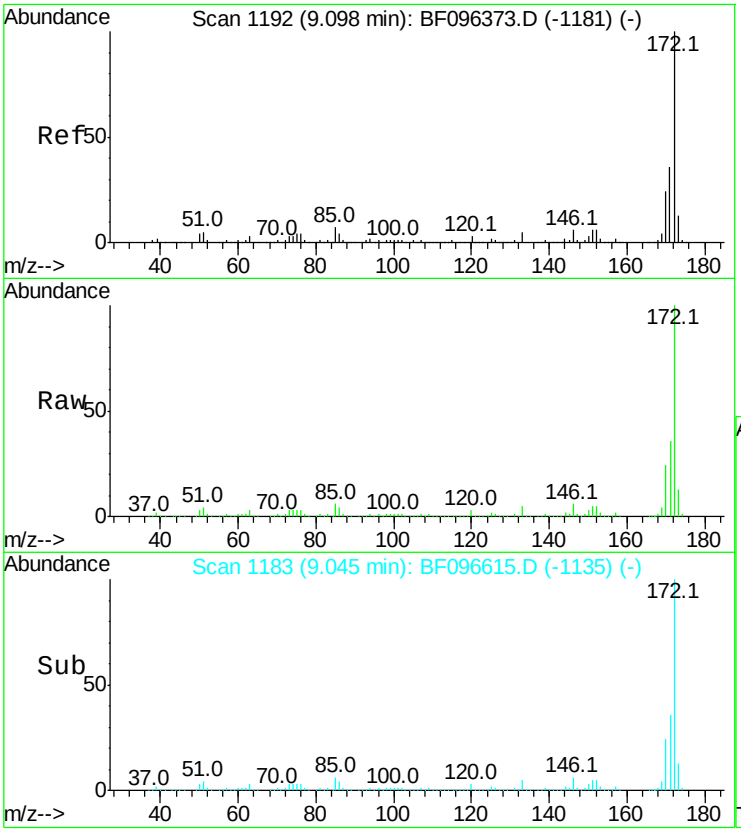


#41
2,4,6-Tribromophenol
Concen: 103.97 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Tgt Ion:330 Resp: 198826

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	37.6	31.4	47.2



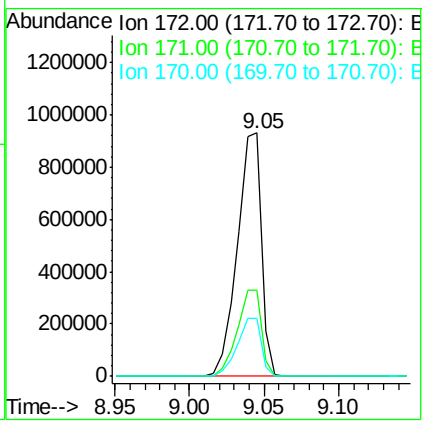


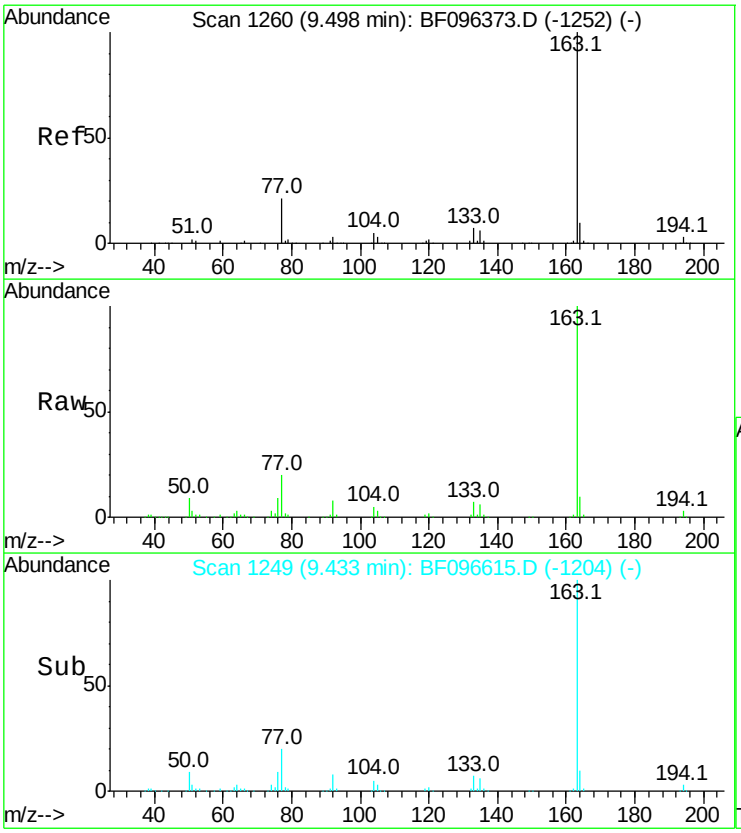
#44
2-Fluorobiphenyl
Concen: 73.29 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion:172 Resp: 1049326

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.0	19.8	29.8

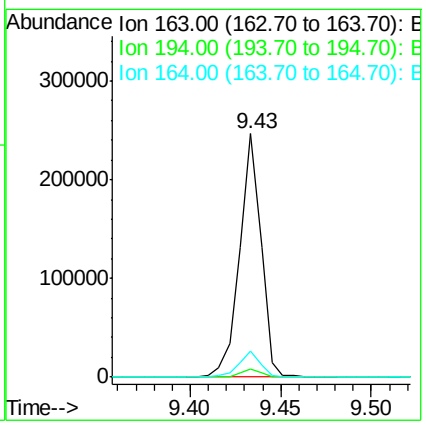


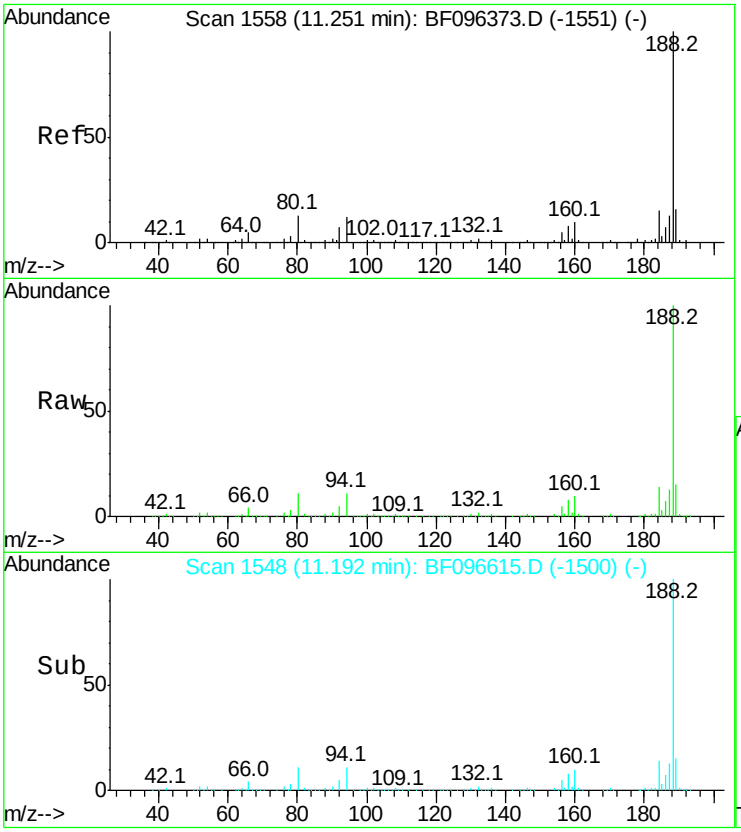


#49
Dimethylphthalate
Concen: 11.08 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Tgt Ion:163 Resp: 202421

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.5	8.4	12.6



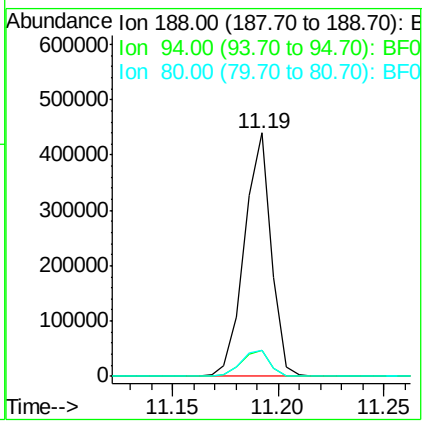


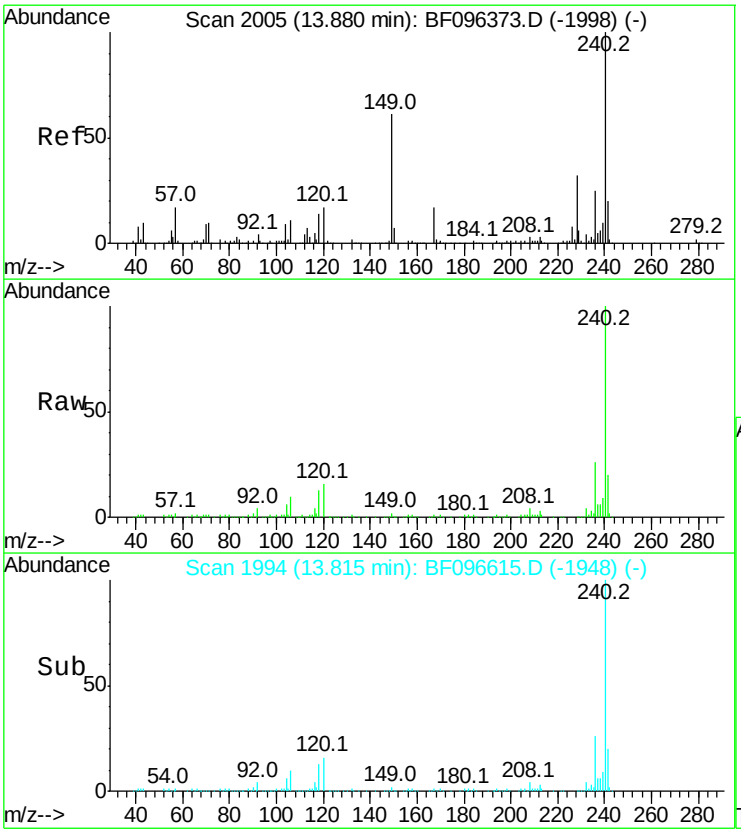
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion:188 Resp: 387728

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	10.8	10.2	15.2

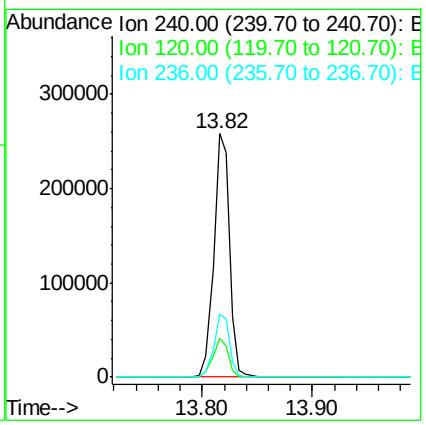


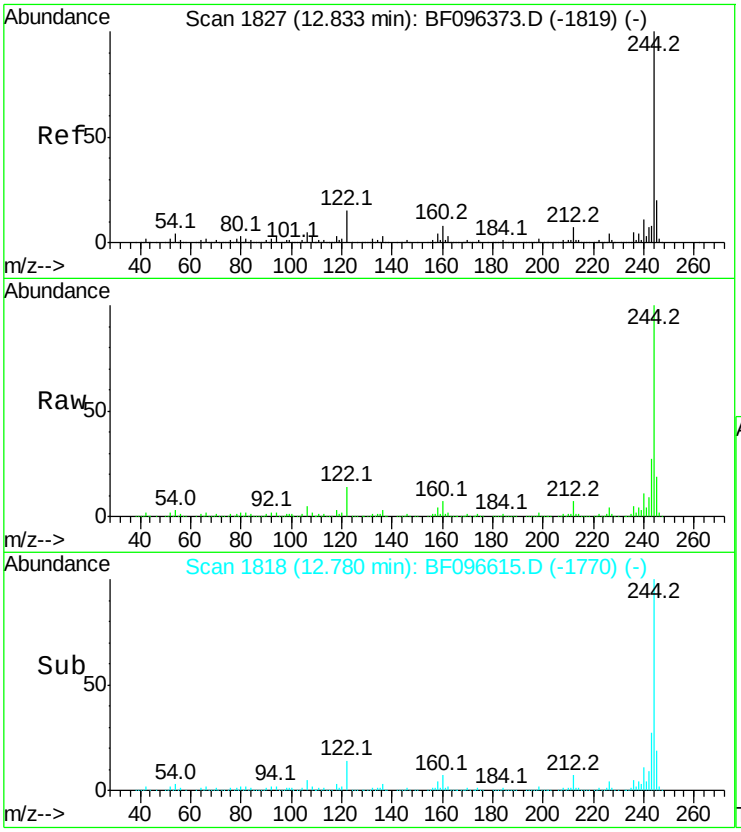


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.03 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Tgt Ion:240 Resp: 252507

Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.8	8.8#
236	26.1	20.5	30.7



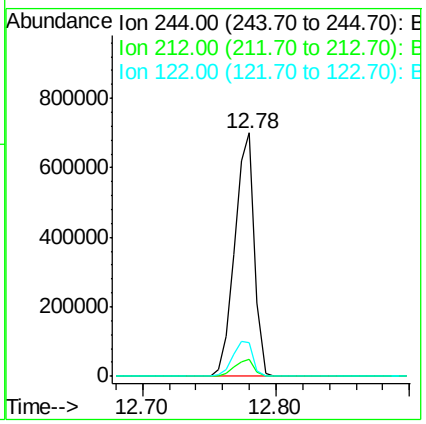


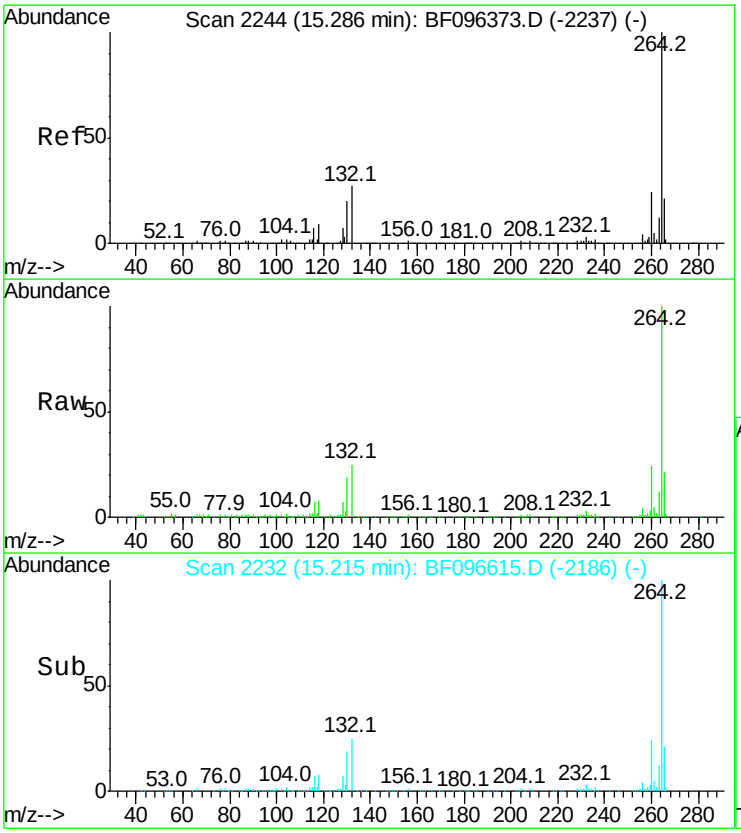
#78
Terphenyl-d14
Concen: 60.84 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion:244 Resp: 718955

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.7	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.03 min
Lab File: BF096615.D
Acq: 10 Jul 2017 21:48

Tgt Ion:264 Resp: 234198

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.3	17.2	25.8