Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109155.D
Acq On : 19 Sep 2018 20:30
Operator : JU/SJ
Sample : J4975-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-220

Quant Time: Sep 20 05:26:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	127891	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	470722	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	201078	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	343533	20.00	ng	0.00
75) Chrysene-d12	13.85	240	329000	20.00	ng	0.00
86) Perylene-d12	15.26	264	305363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	700987	91.04	ng	0.02
7) Phenol-d6	6.36	99	797606	80.33	ng	0.00
23) Nitrobenzene-d5	7.28	82	602416	71.78	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	206827	94.78	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1057967	82.43	ng	0.00
78) Terphenyl-d14	12.81	244	946021	68.16	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.37	94	137726	12.328	ng	97
32) Benzoic acid	7.72	122	9206	2.223	ng	98

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

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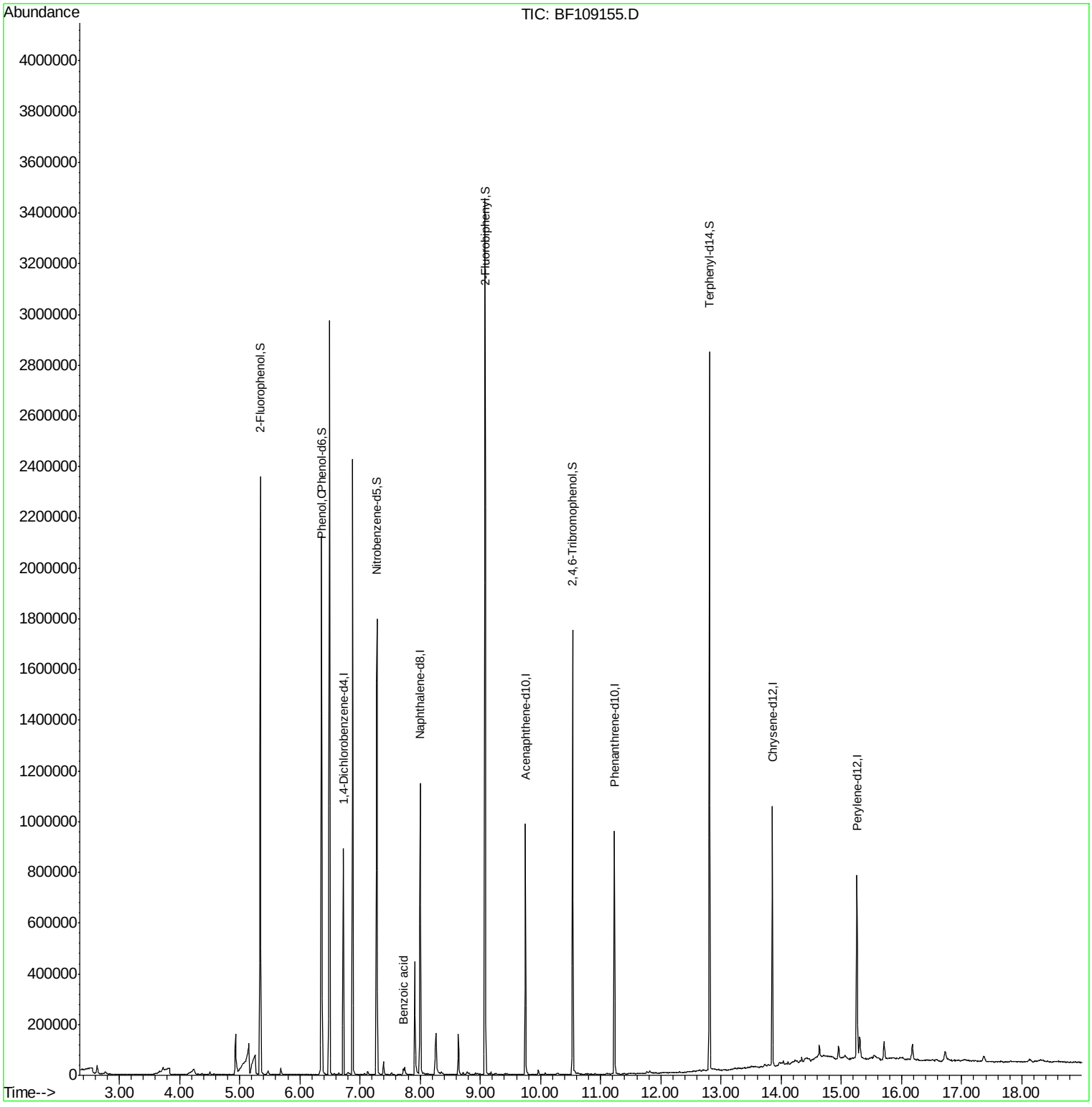
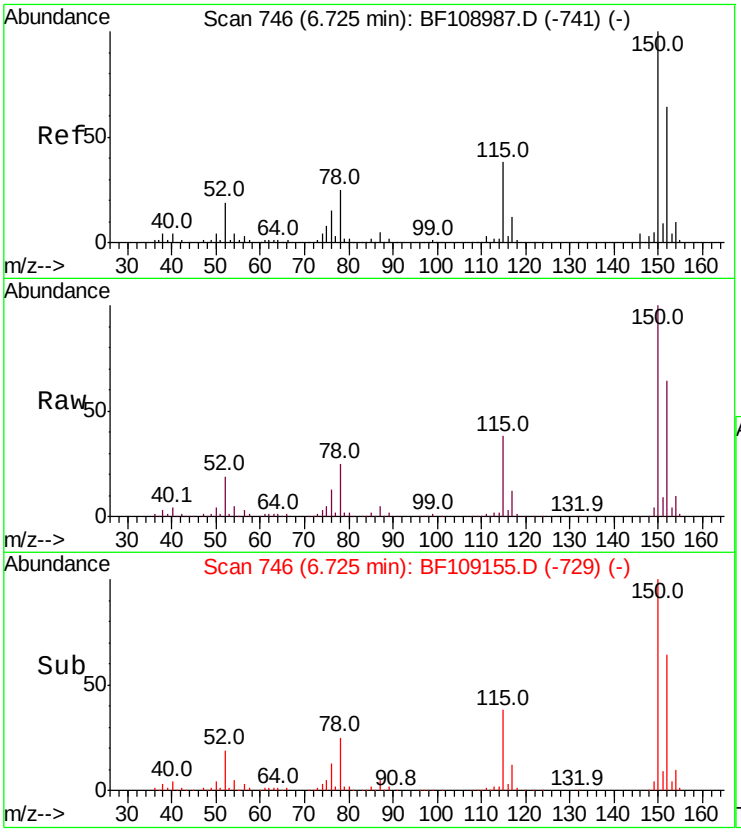


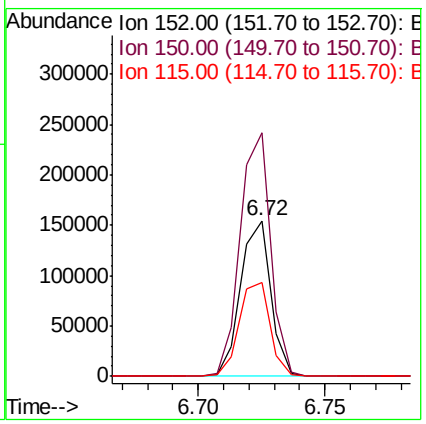


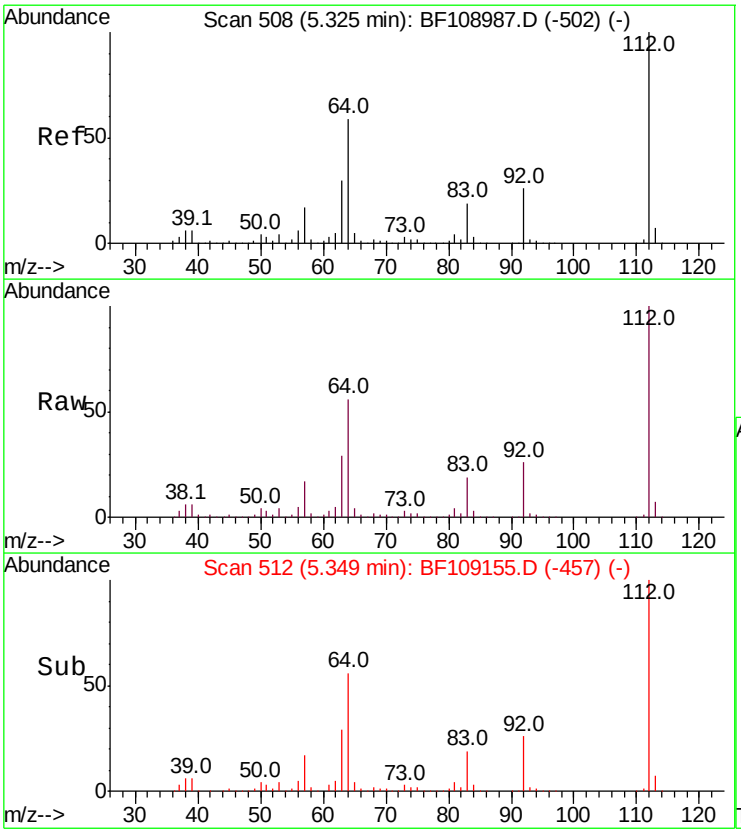
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Tgt Ion:152 Resp: 127891

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	59.9	50.1	75.1

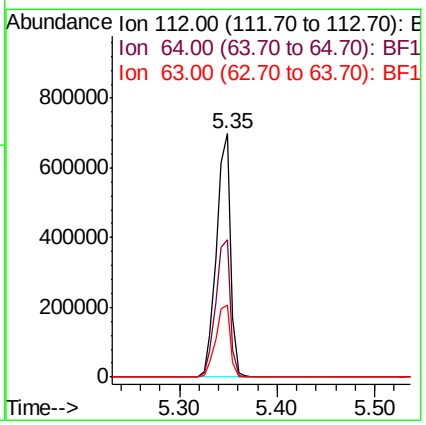


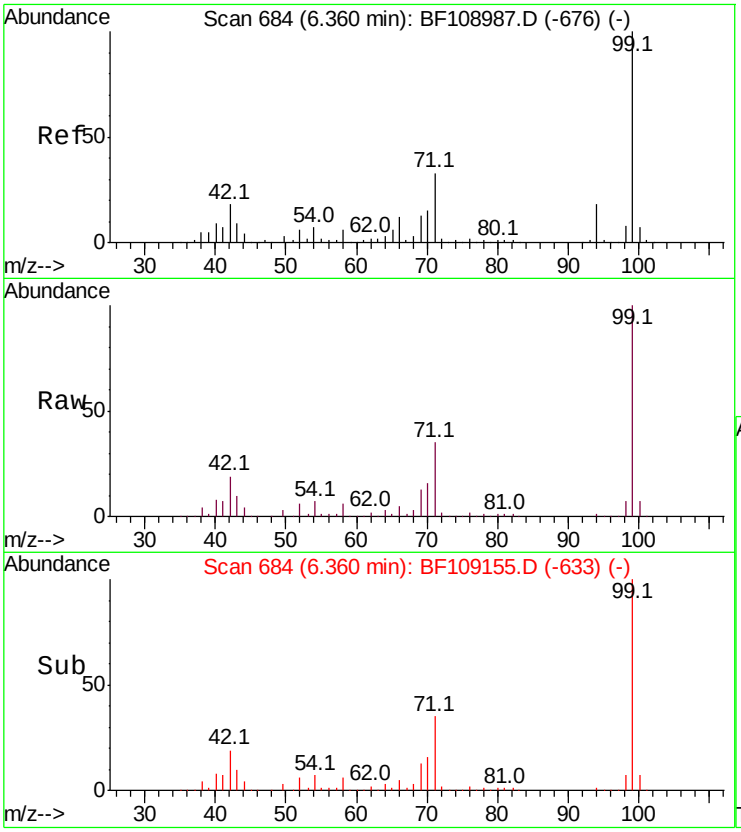


#5
2-Fluorophenol
Concen: 91.035 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.02 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Tgt Ion:112 Resp: 700987

Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.9	71.9
63	29.4	23.7	35.5



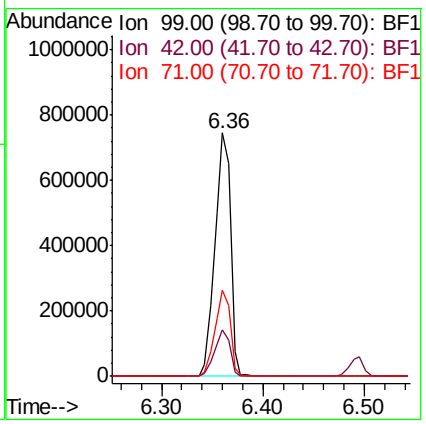


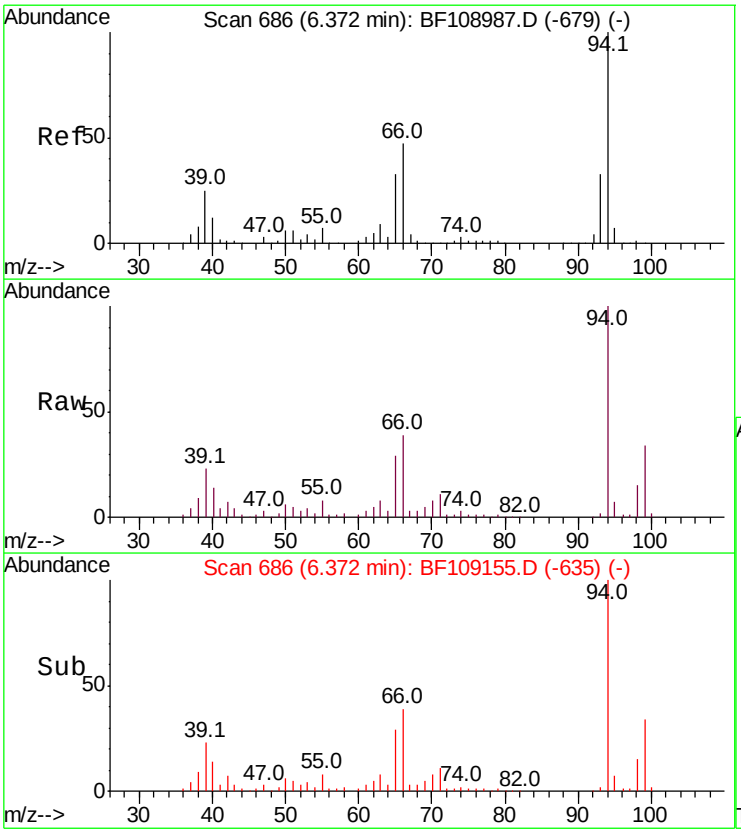
#7
Phenol-d6
Concen: 80.331 ng
RT: 6.36 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Tgt Ion: 99 Resp: 797606

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	35.5	25.4	38.0

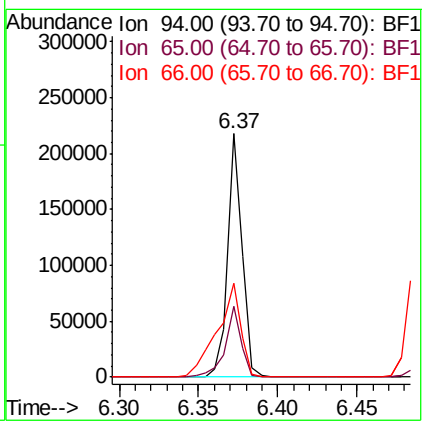


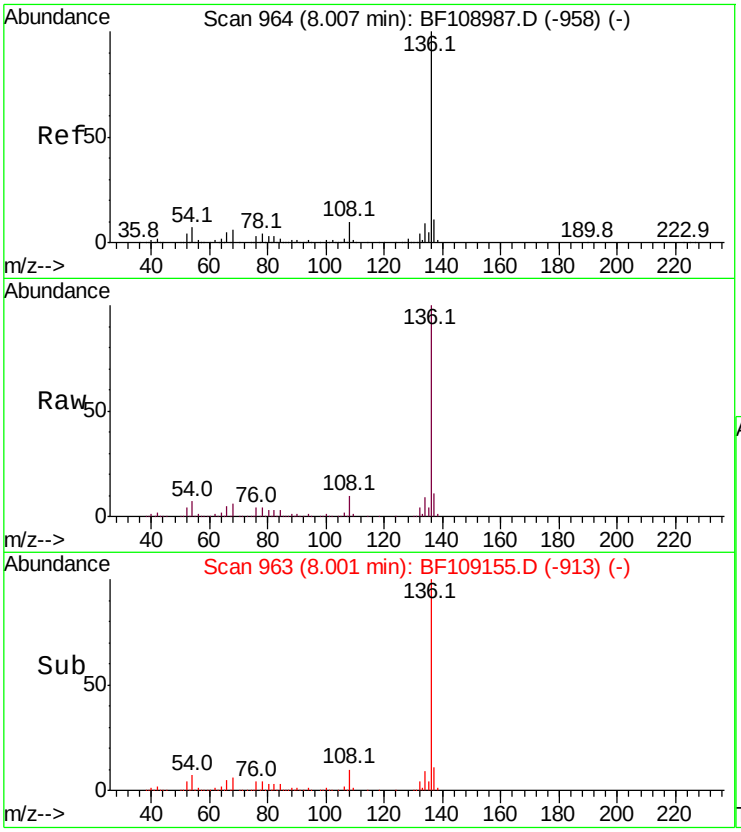


#10
Phenol
Concen: 12.328 ng
RT: 6.37 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Tgt Ion: 94 Resp: 137726

Ion	Ratio	Lower	Upper
94	100		
65	28.9	7.9	47.9
66	38.6	16.2	56.2



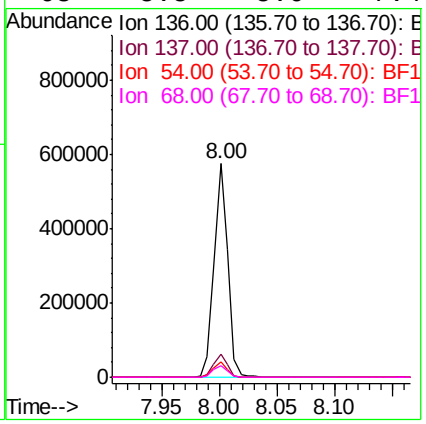


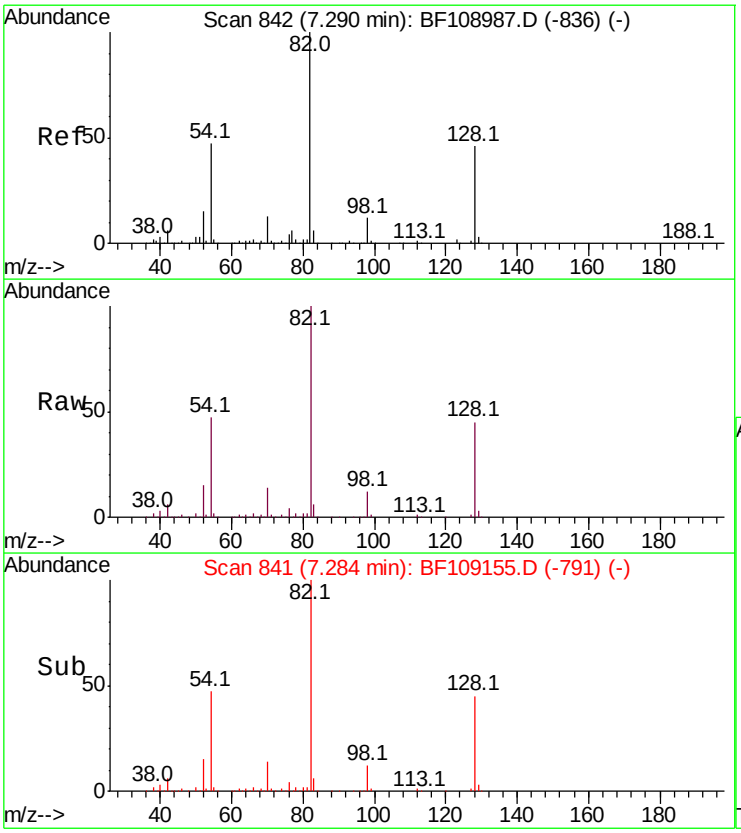
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Tgt Ion:136 Resp: 470722

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.3	6.6	9.8
68	5.5	5.0	7.4

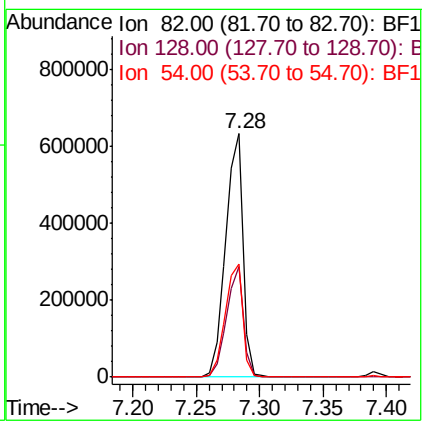


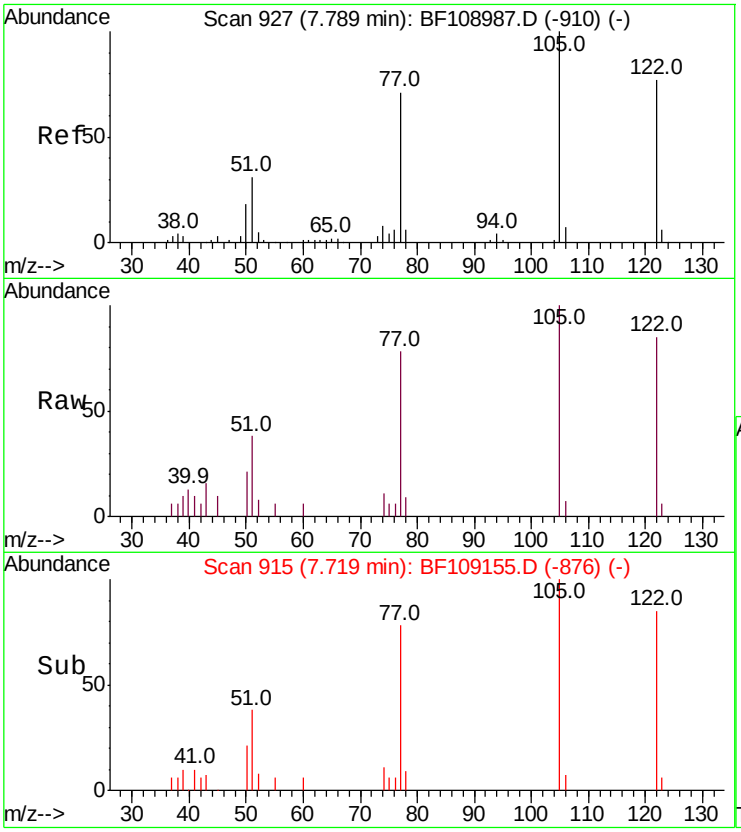


#23
Nitrobenzene-d5
Concen: 71.780 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Tgt Ion: 82 Resp: 602416

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	46.7	41.4	62.2



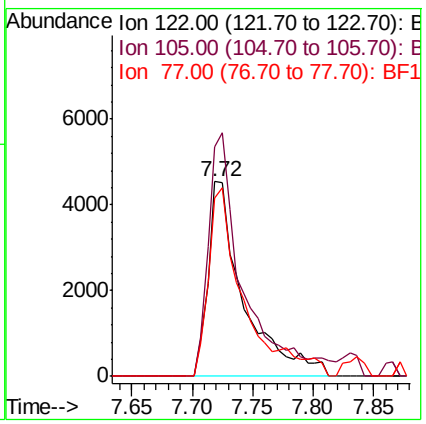


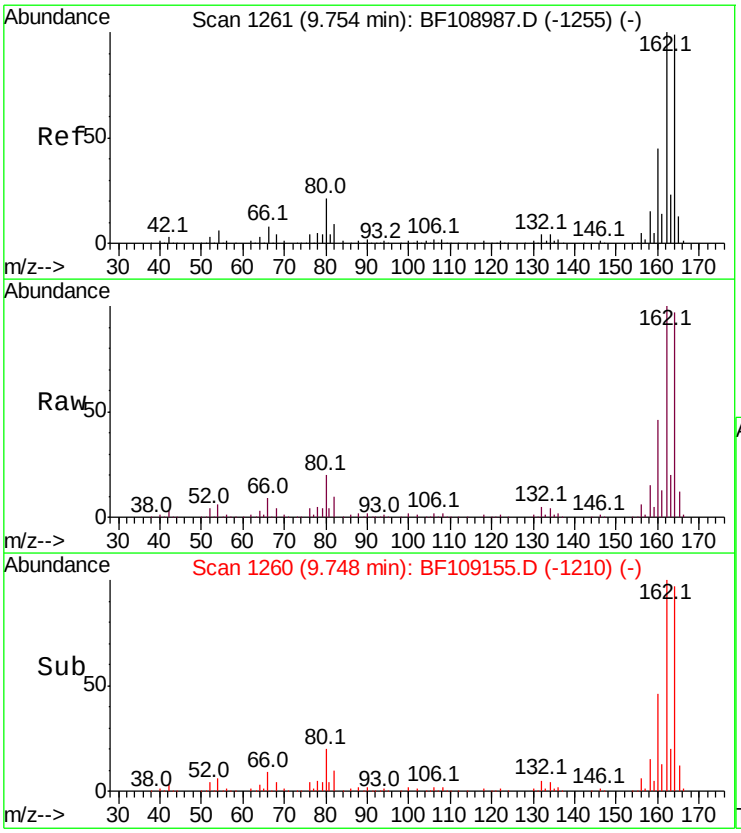
#32
Benzoic acid
Concen: 2.223 ng
RT: 7.72 min Scan# 915
Delta R.T. -0.07 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Tgt Ion:122 Resp: 9206

Ion	Ratio	Lower	Upper
122	100		
105	117.7	101.1	141.1
77	91.8	70.7	110.7

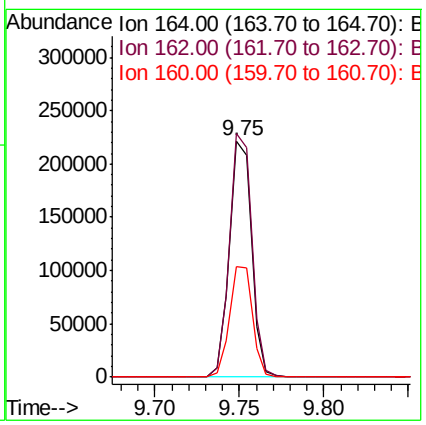


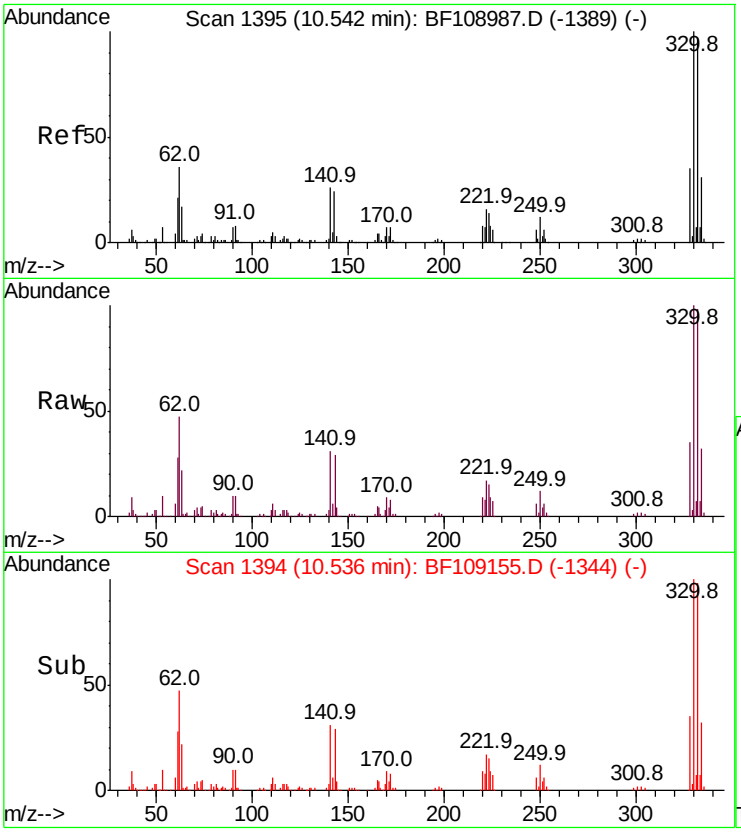


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Tgt Ion:164 Resp: 201078

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	47.0	38.3	57.5



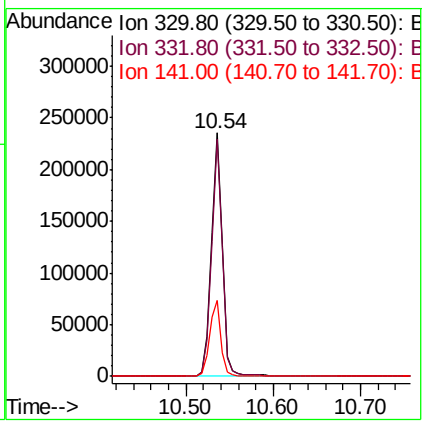


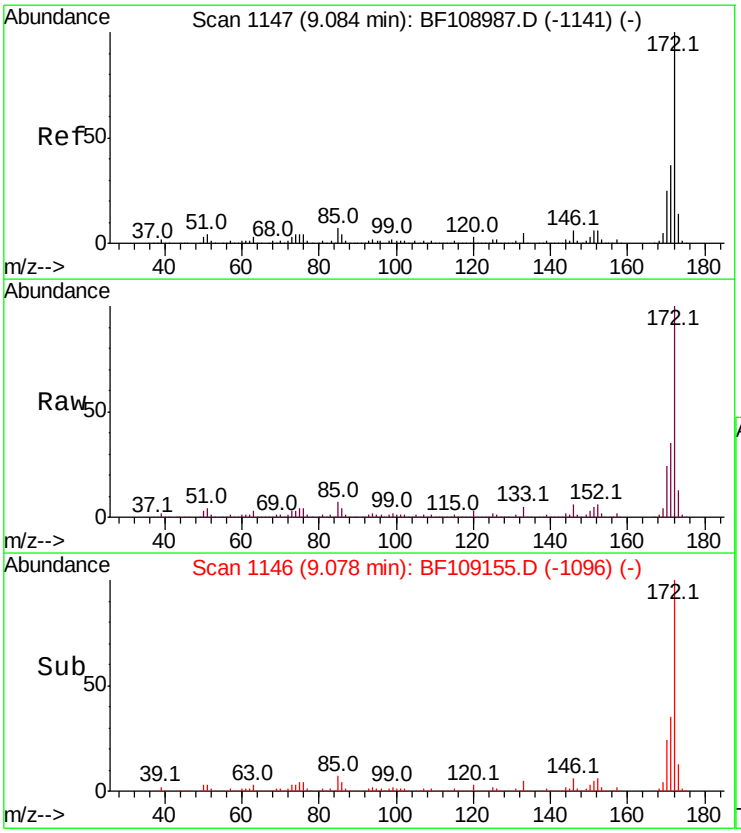
#41
2,4,6-Tribromophenol
Concen: 94.778 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Tgt Ion:330 Resp: 206827

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	31.7	29.9	44.9

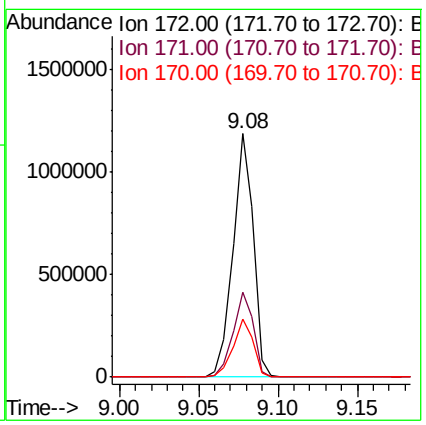


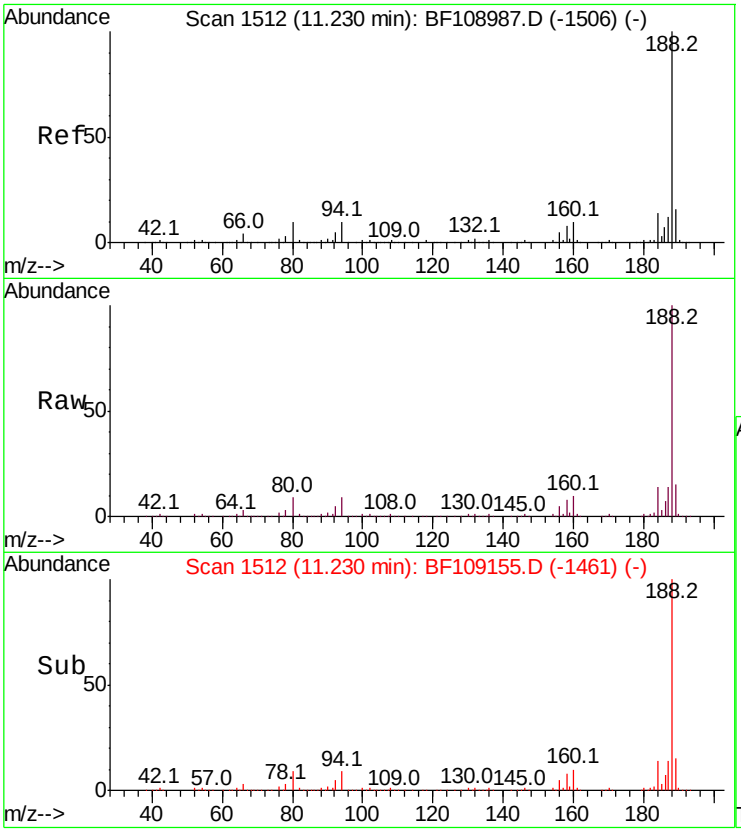


#44
2-Fluorobiphenyl
Concen: 82.433 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Tgt Ion:172 Resp: 1057967

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.9	19.6	29.4



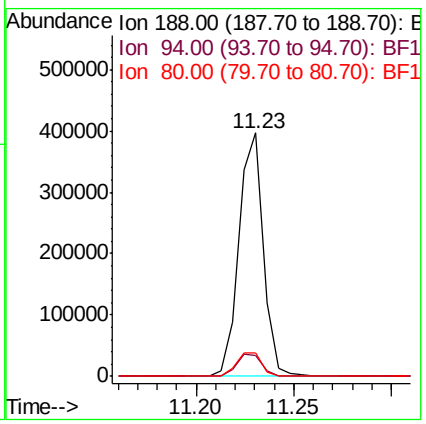


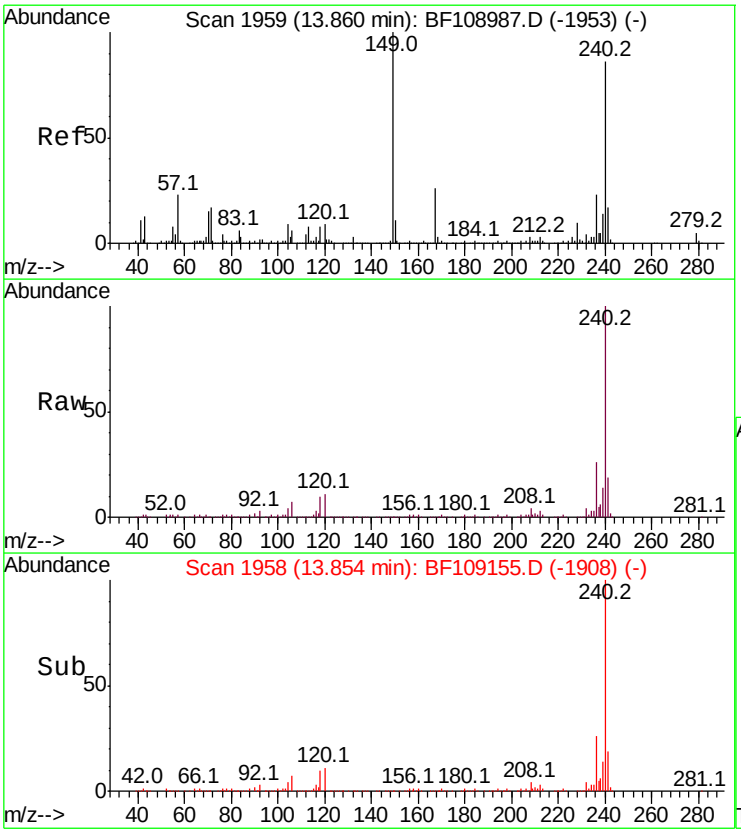
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Tgt Ion:188 Resp: 343533

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.4	9.2	13.8

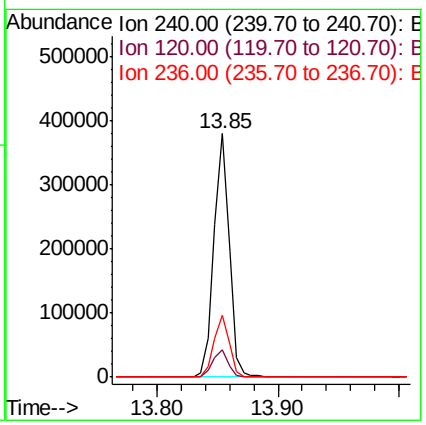


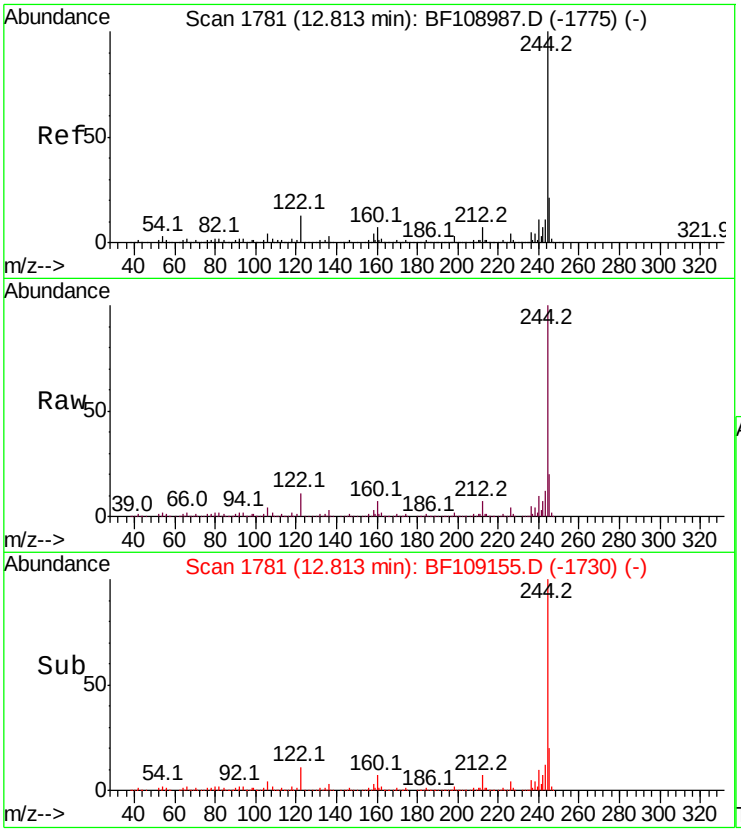


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Tgt Ion:240 Resp: 329000

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	25.5	20.7	31.1



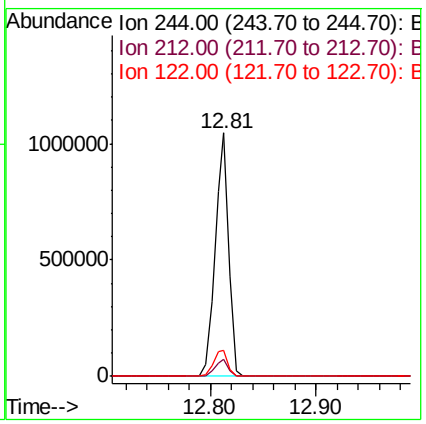


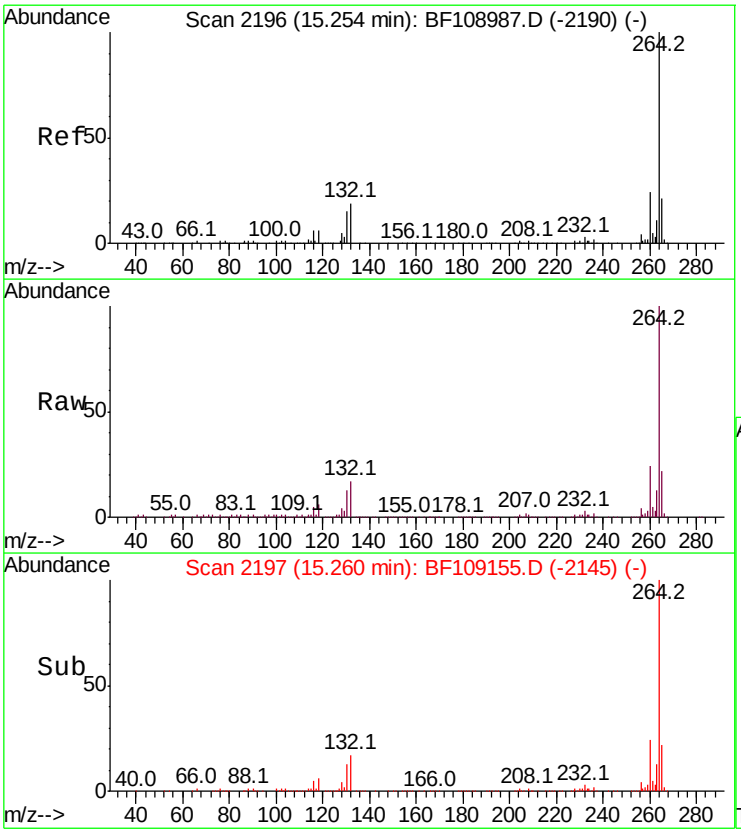
#78
Terphenyl-d14
Concen: 68.156 ng
RT: 12.81 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Tgt Ion:244 Resp: 946021

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.9	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Tgt Ion:264 Resp: 305363

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	17.5	26.3