Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100319.D
Acq On : 9 Nov 2017 4:08
Operator : SJ/JU
Sample : I6353-01 X2
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLLOFF-292

Quant Time: Nov 09 08:44:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 14:33:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	194958	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	752397	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	310832	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	497300	20.00	ng	0.00
75) Chrysene-d12	14.06	240	400789	20.00	ng	-0.01
86) Perylene-d12	15.54	264	378239	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	268723	22.09	ng	0.00
7) Phenol-d6	6.51	99	423499	28.24	ng	-0.01
23) Nitrobenzene-d5	7.46	82	265301	23.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	129477	40.88	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	691687	33.88	ng	0.00
78) Terphenyl-d14	13.00	244	889469	50.99	ng	0.00
Target Compounds						Qvalue

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

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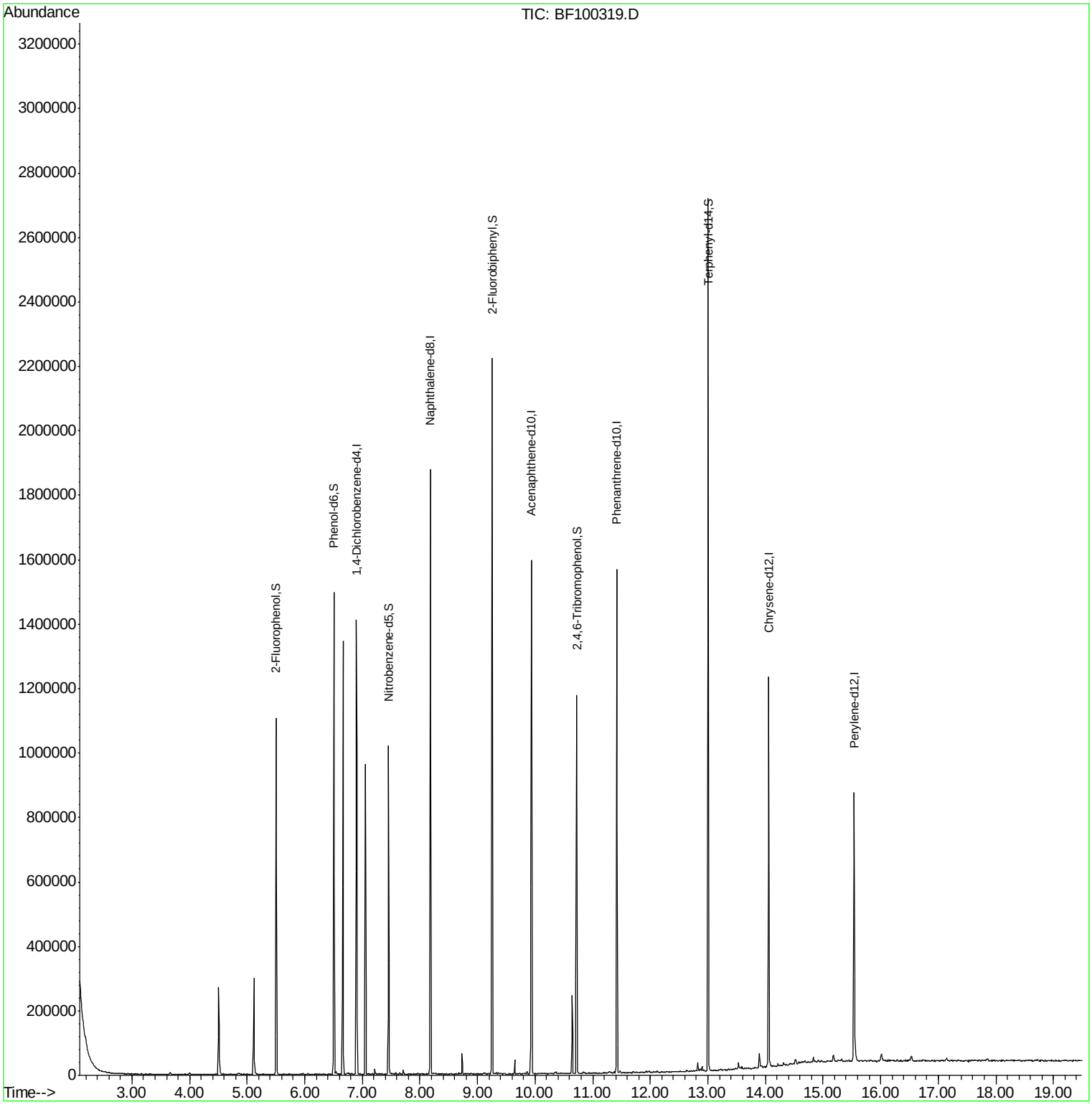
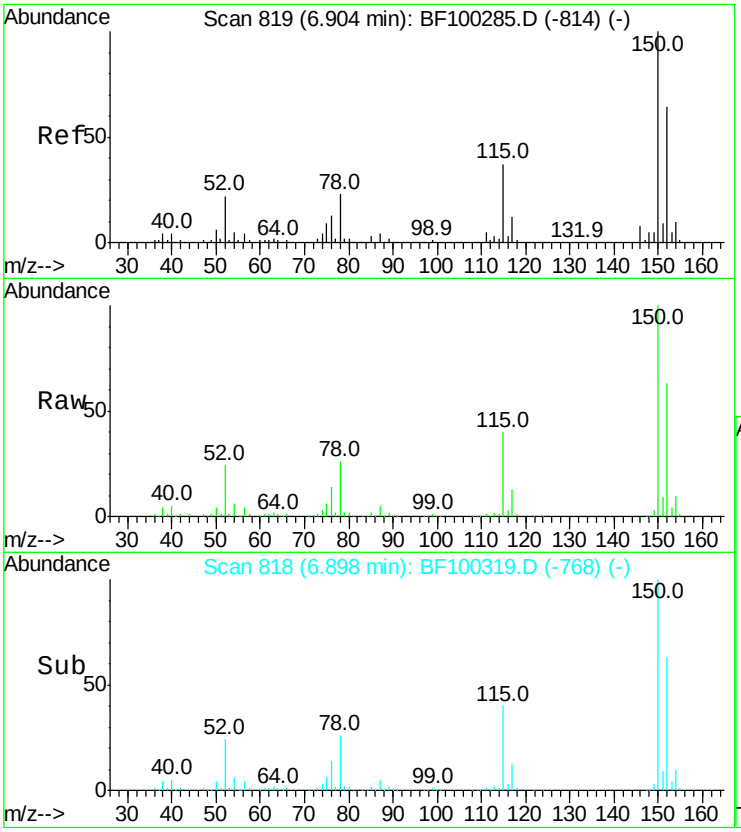


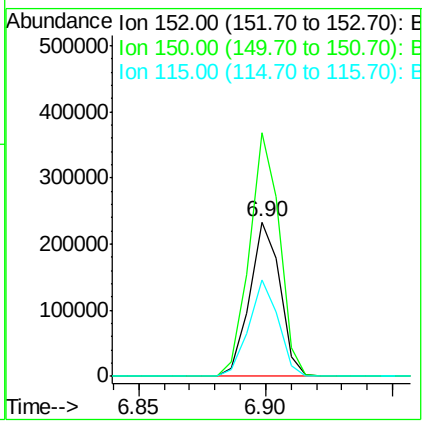


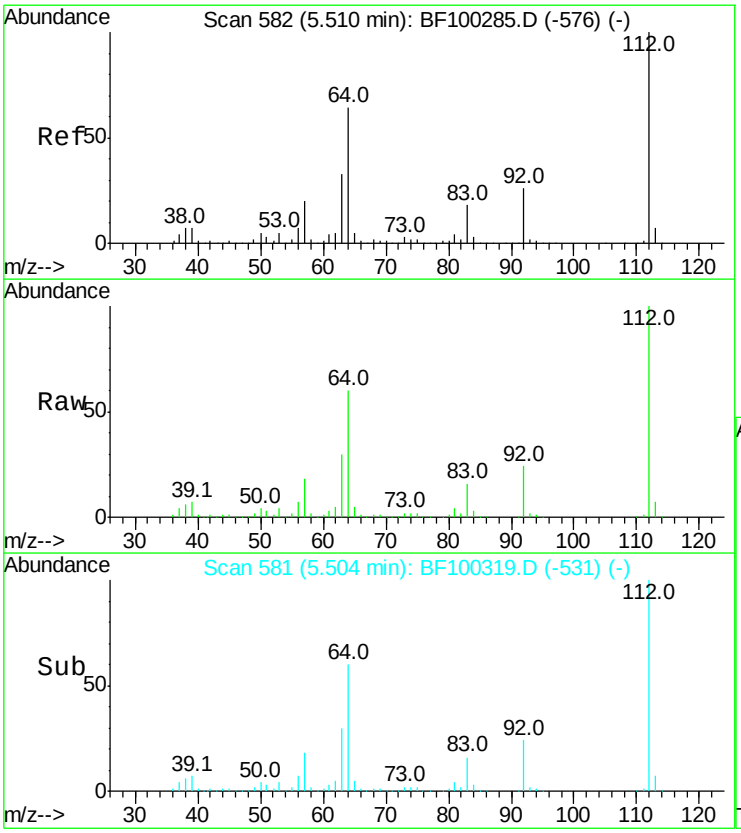
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100319.D
Acq: 9 Nov 2017 4:08

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-292

Tgt Ion:152 Resp: 194958

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	62.5	50.1	75.1

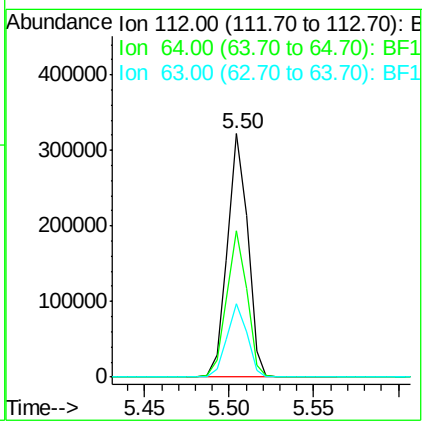


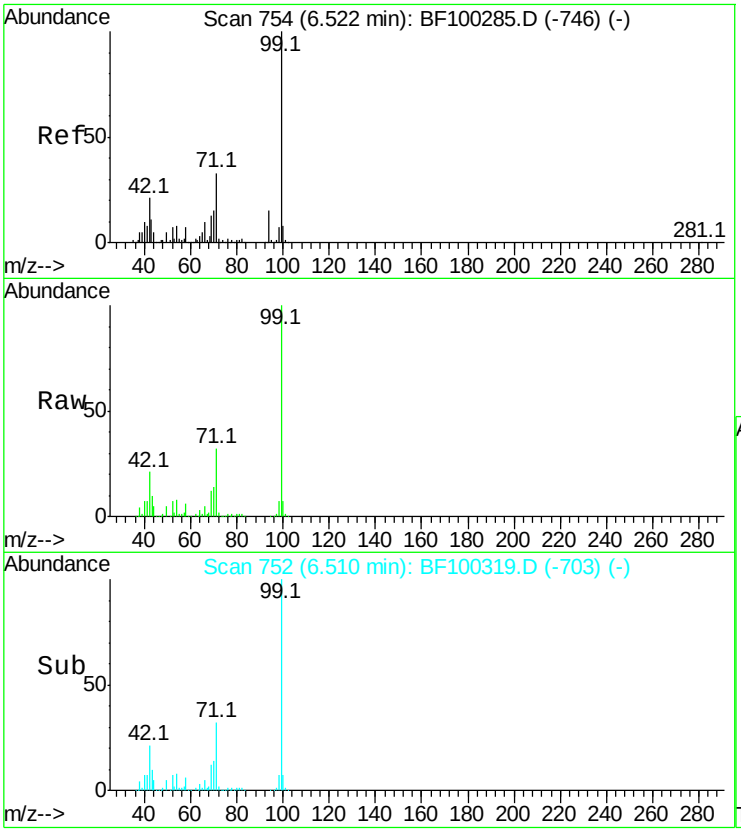


#5
2-Fluorophenol
Concen: 22.095 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF100319.D
Acq: 9 Nov 2017 4:08

Tgt Ion:112 Resp: 268723

Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	30.3	23.7	35.5



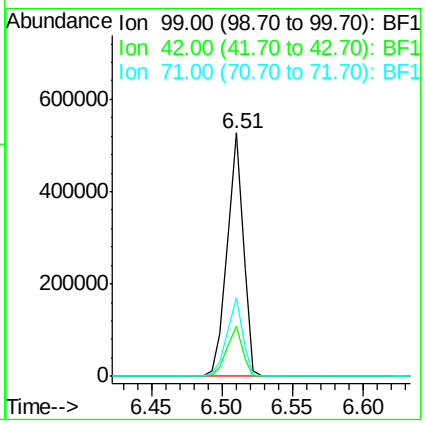


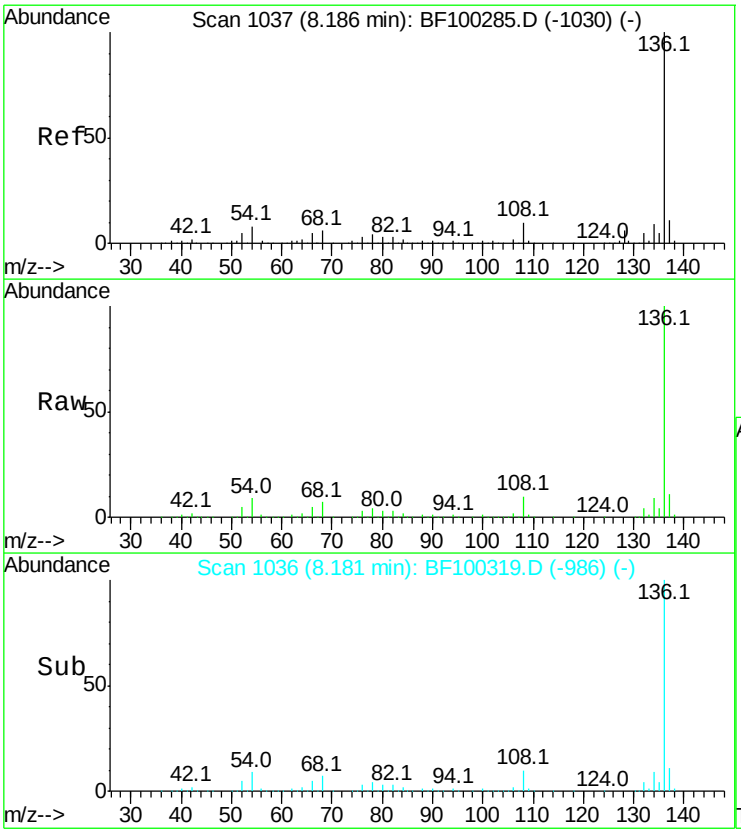
#7
Phenol-d6
Concen: 28.238 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF100319.D
Acq: 9 Nov 2017 4:08

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-292

Tgt Ion: 99 Resp: 423499

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	32.3	25.4	38.0

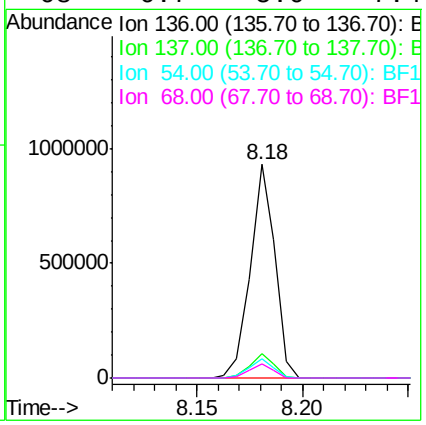


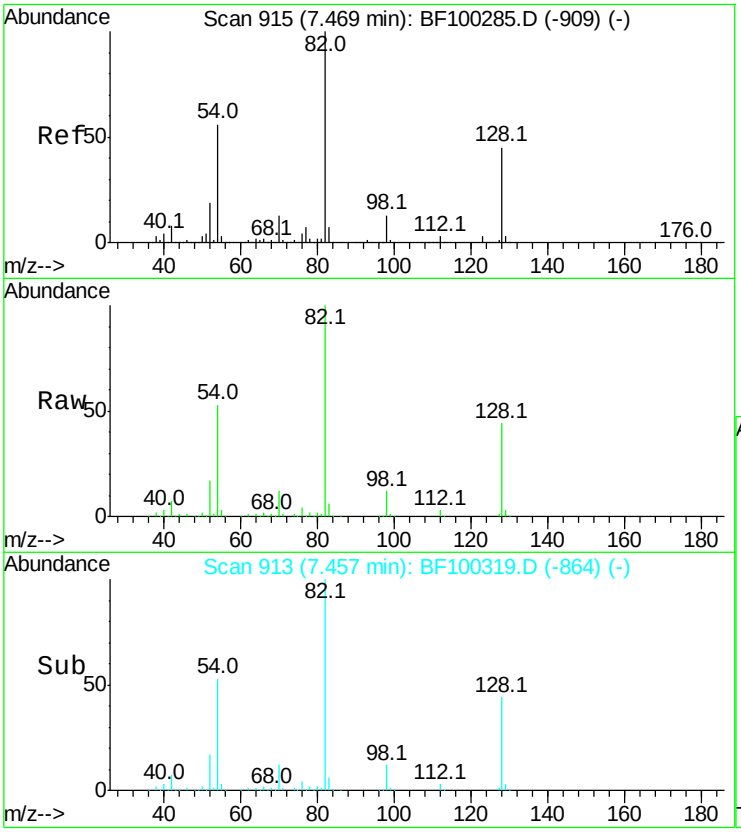


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100319.D
Acq: 9 Nov 2017 4:08

Tgt Ion:136 Resp: 752397

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.3	6.6	9.8
68	6.7	5.0	7.4



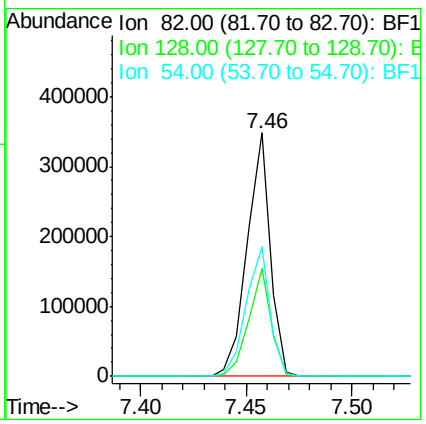


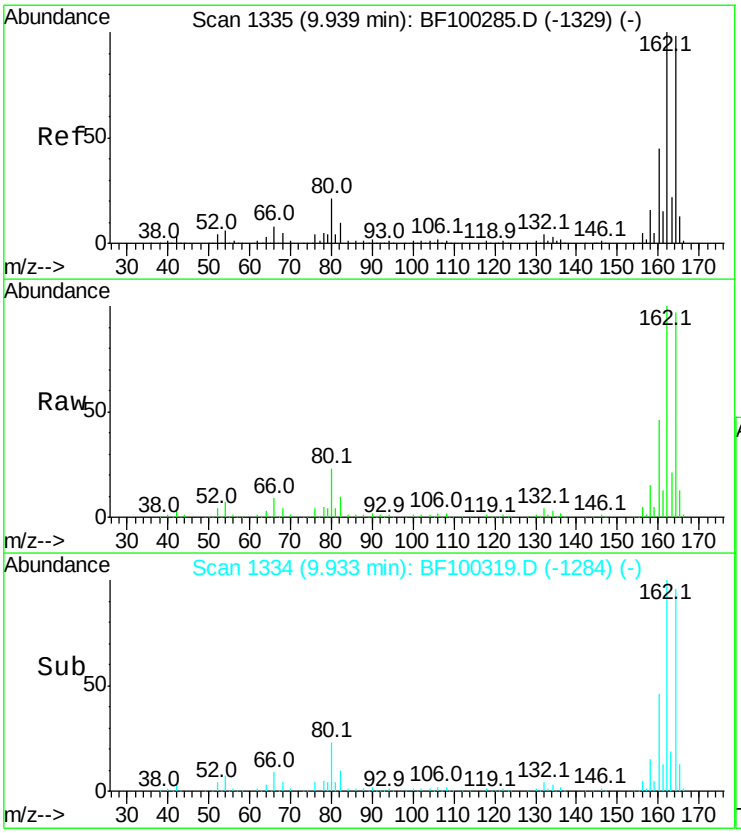
#23
Nitrobenzene-d5
Concen: 23.312 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100319.D
Acq: 9 Nov 2017 4:08

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-292

Tgt Ion: 82 Resp: 265301

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	53.4	41.4	62.2

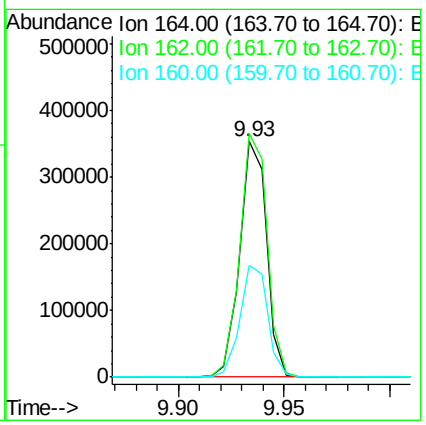


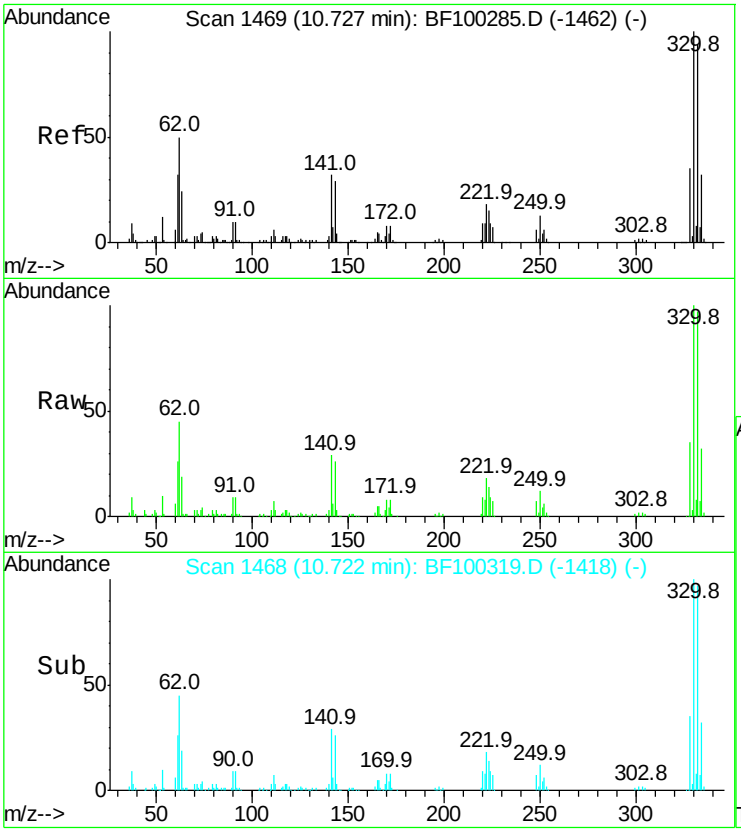


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100319.D
Acq: 9 Nov 2017 4:08

Tgt Ion:164 Resp: 310832

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	47.5	38.3	57.5



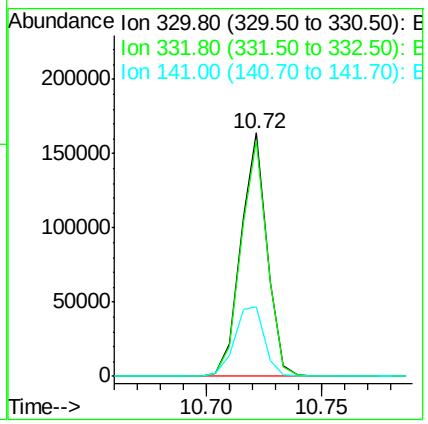


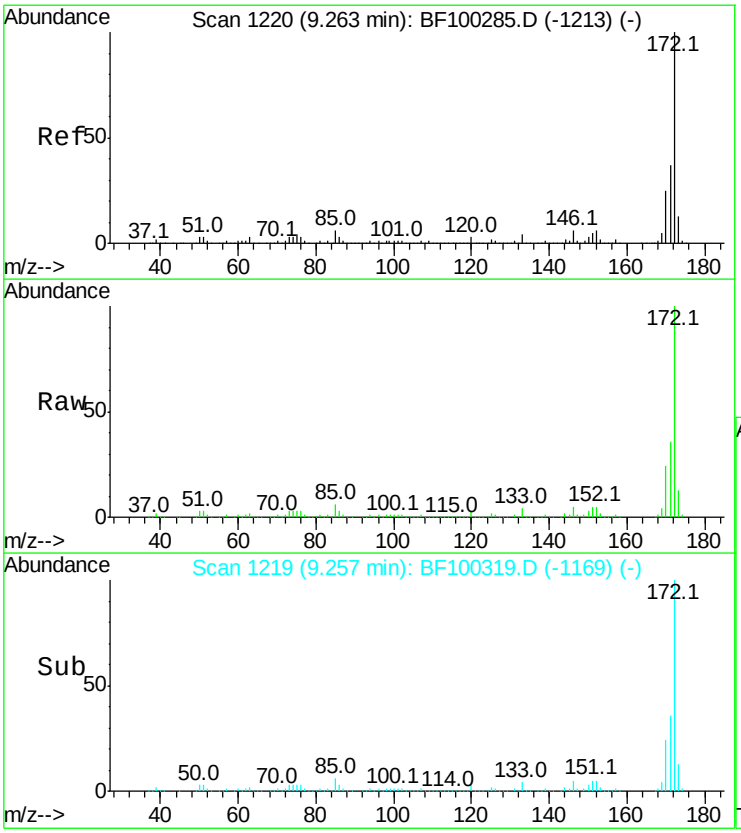
#41
2,4,6-Tribromophenol
Concen: 40.878 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF100319.D
Acq: 9 Nov 2017 4:08

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-292

Tgt Ion:330 Resp: 129477

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	32.8	29.9	44.9

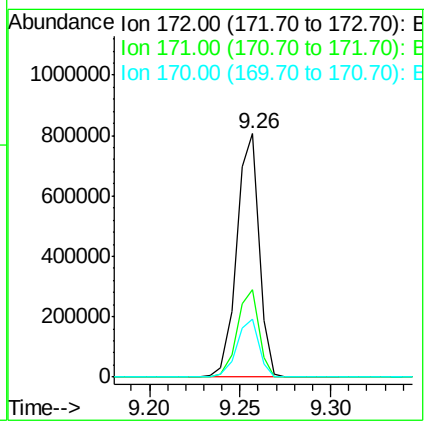


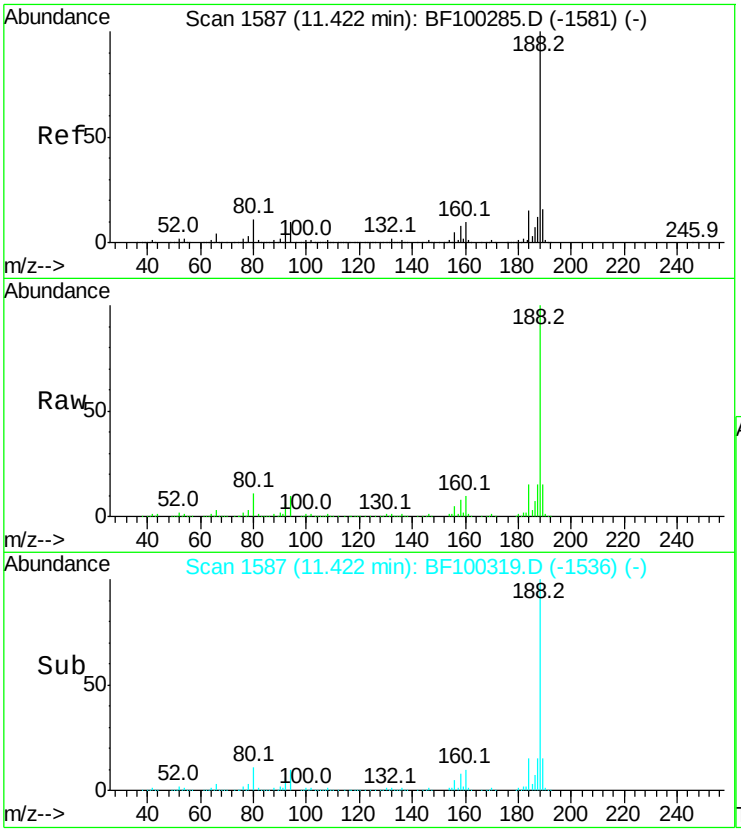


#44
2-Fluorobiphenyl
Concen: 33.885 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100319.D
Acq: 9 Nov 2017 4:08

Tgt Ion:172 Resp: 691687

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.7	19.6	29.4



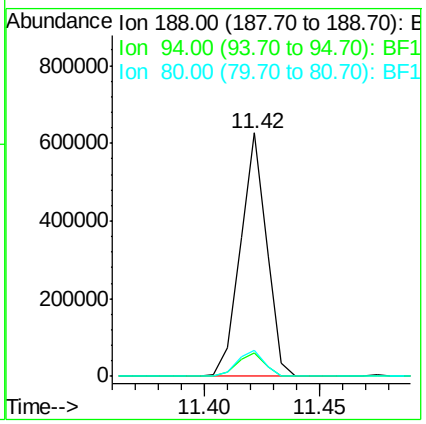


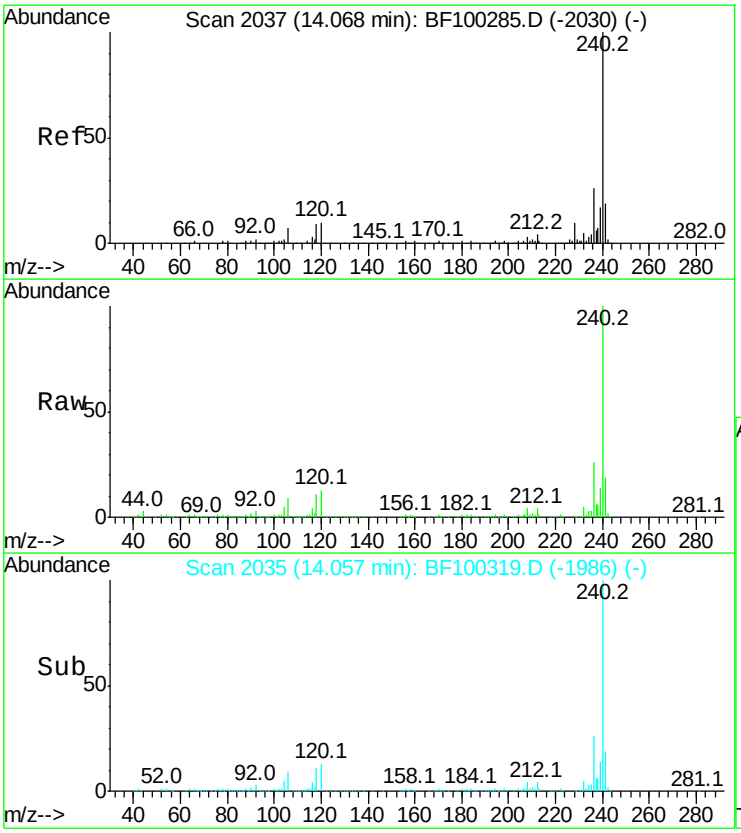
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF100319.D
Acq: 9 Nov 2017 4:08

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-292

Tgt Ion:188 Resp: 497300

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.6	9.2	13.8

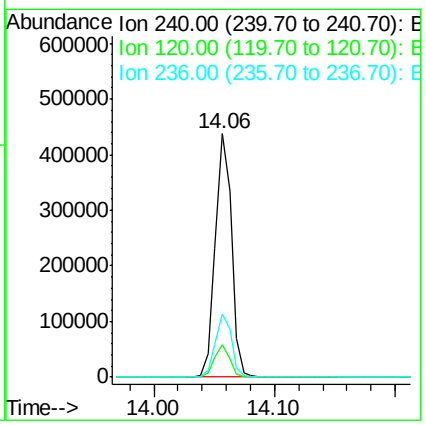


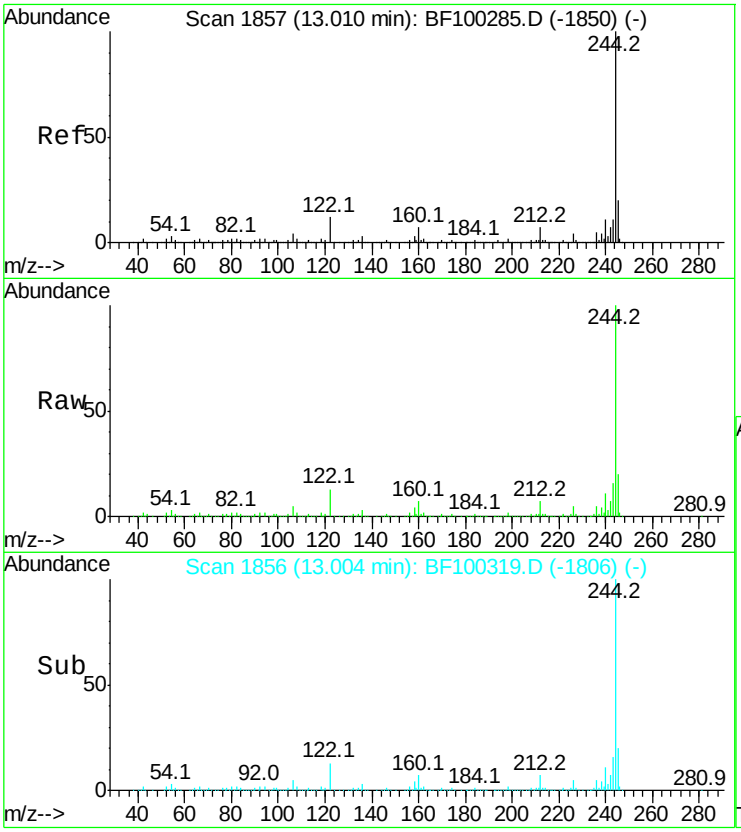


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100319.D
Acq: 9 Nov 2017 4:08

Tgt Ion:240 Resp: 400789

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	26.1	20.7	31.1



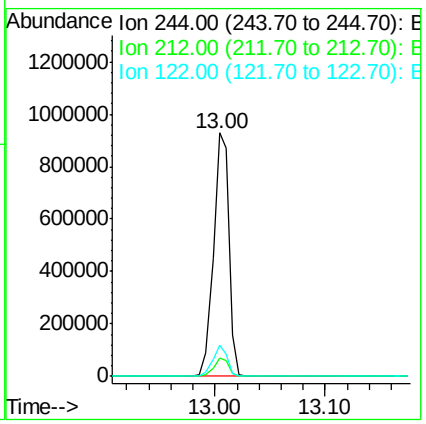


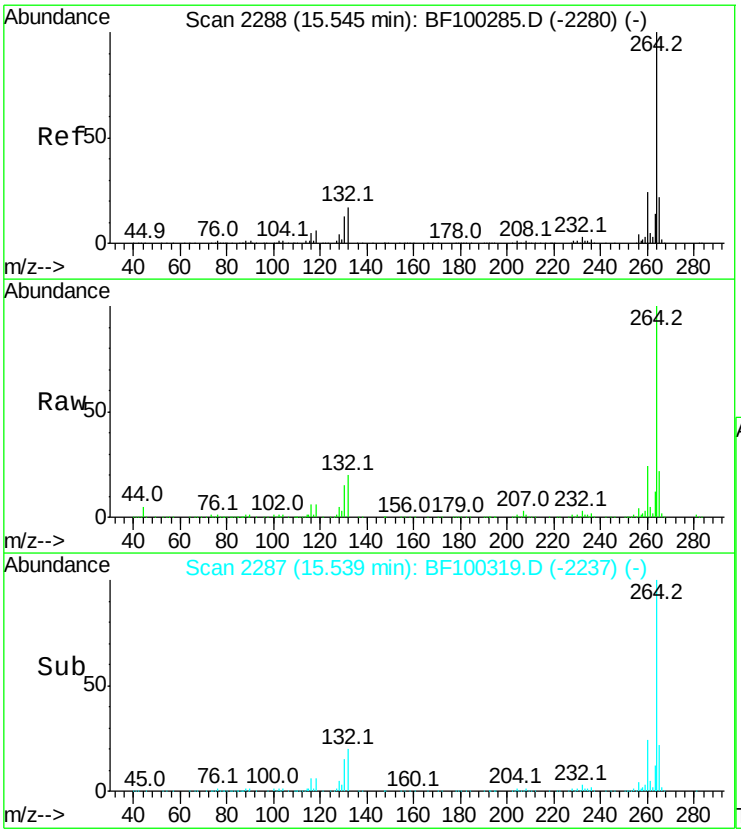
#78
Terphenyl-d14
Concen: 50.993 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF100319.D
Acq: 9 Nov 2017 4:08

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-292

Tgt Ion:244 Resp: 889469

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	12.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF100319.D
Acq: 9 Nov 2017 4:08

Tgt Ion:264 Resp: 378239

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.5	26.3