Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
Data File : BF094375.D
Acq On : 12 Apr 2017 2:46
Operator : SJ/MA
Sample : I2619-01 50X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP

Quant Time: Apr 12 05:05:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	116479	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	439887	20.00	ng	-0.03
38) Acenaphthene-d10	9.47	164	160933	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	242380	20.00	ng	-0.02
75) Chrysene-d12	14.56	240	239348	20.00	ng	-0.02
86) Perylene-d12	16.18	264	196795	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.38	112	3424	0.50	ng	0.00
7) Phenol-d6	5.46	99	3470	0.41	ng	0.00
23) Nitrobenzene-d5	6.47	82	10417	1.35	ng	-0.04
41) 2,4,6-Tribromophenol	10.46	330	1133	0.89	ng	-0.02
44) 2-Fluorobiphenyl	8.65	172	24461	2.32	ng	-0.04
78) Terphenyl-d14	13.28	244	15104	1.41	ng	-0.02
Target Compounds						Qvalue

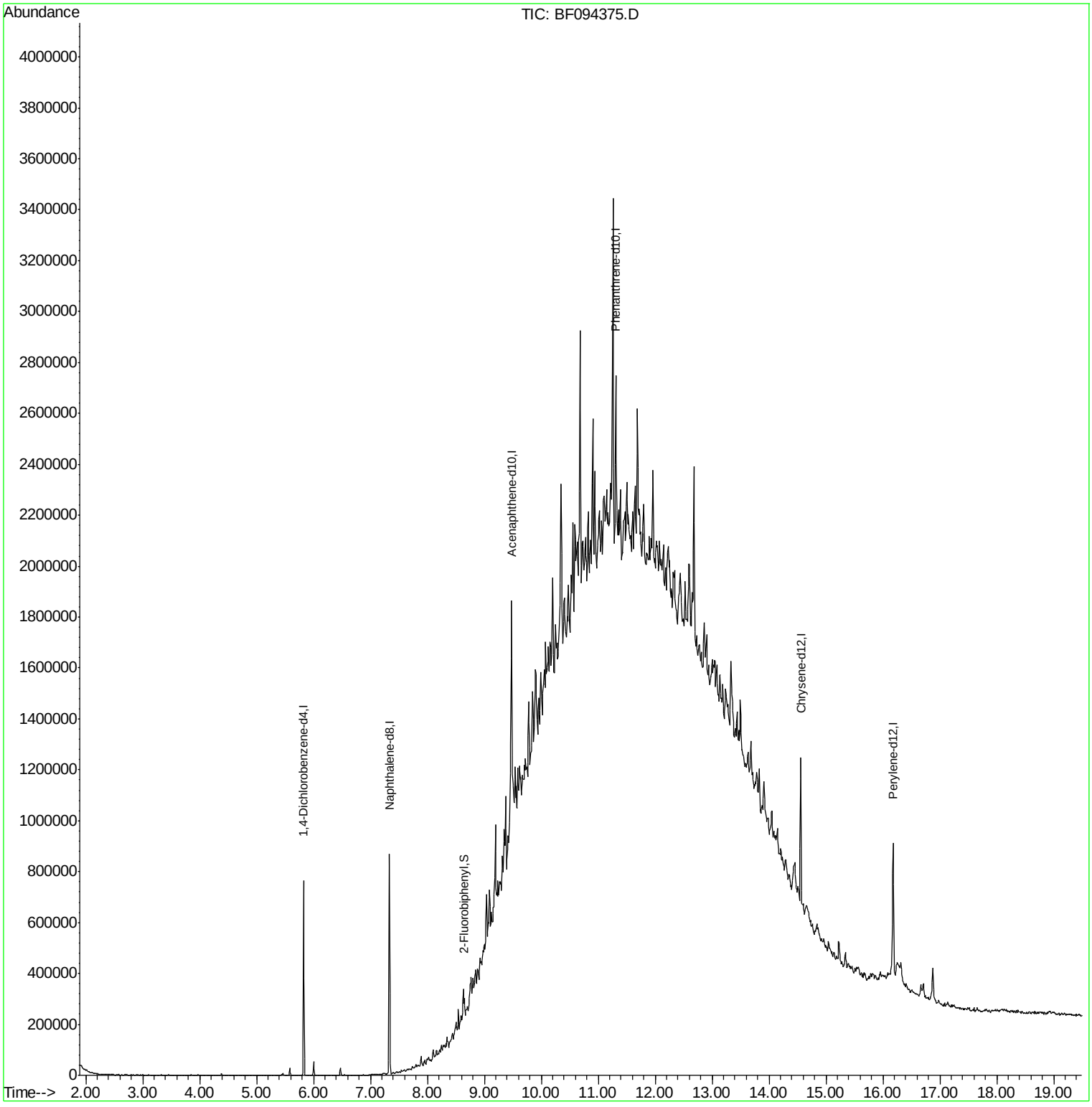
(#) = qualifier out of range (m) = manual integration (+) = signals summed

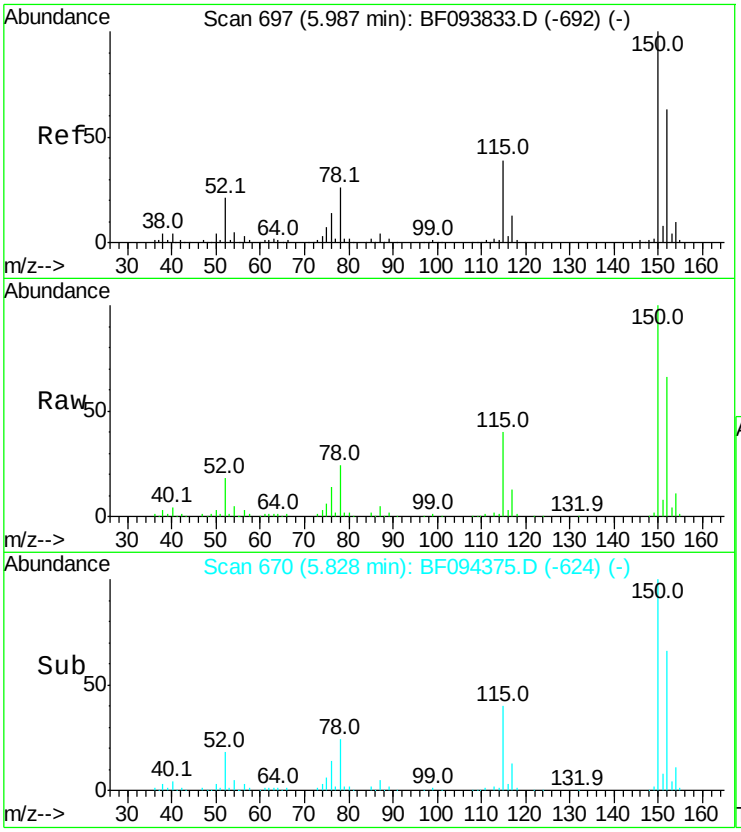
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
Data File : BF094375.D
Acq On : 12 Apr 2017 2:46
Operator : SJ/MA
Sample : I2619-01 50X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUMP

Quant Time: Apr 12 05:05:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration



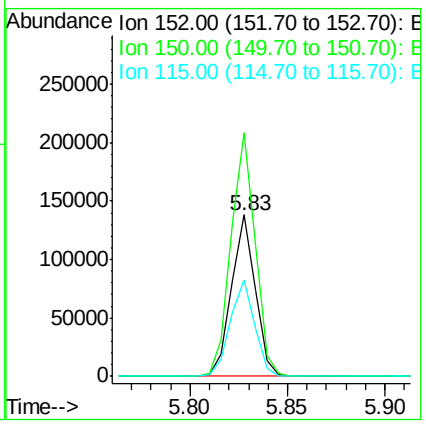


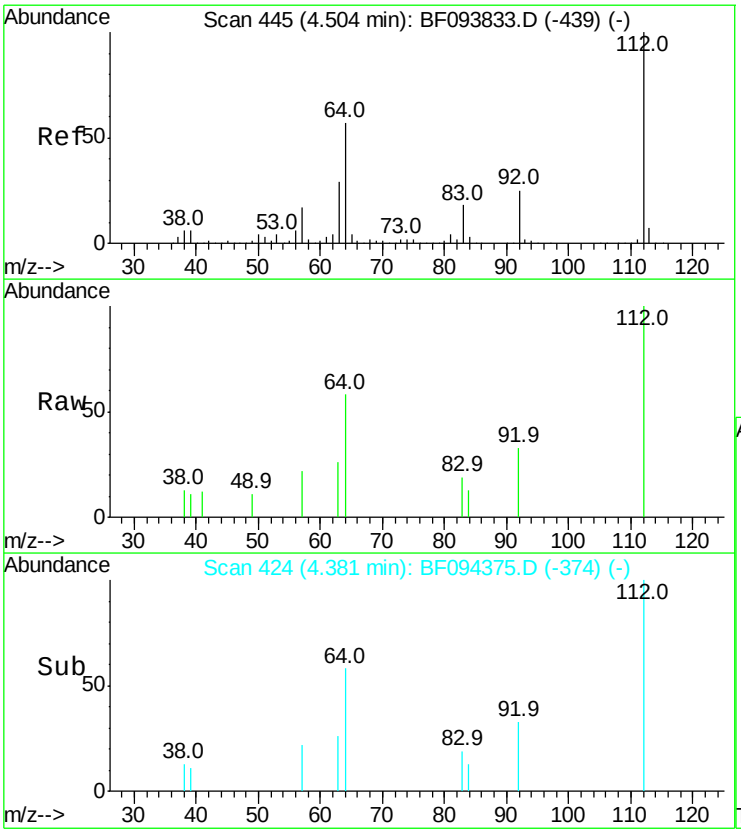
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.83 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF094375.D
Acq: 12 Apr 2017 2:46

Instrument :
BNA_F
ClientSampleId :
SUMP

Tgt Ion:152 Resp: 116479

Ion	Ratio	Lower	Upper
152	100		
150	150.9	126.2	189.2
115	59.8	52.2	78.2

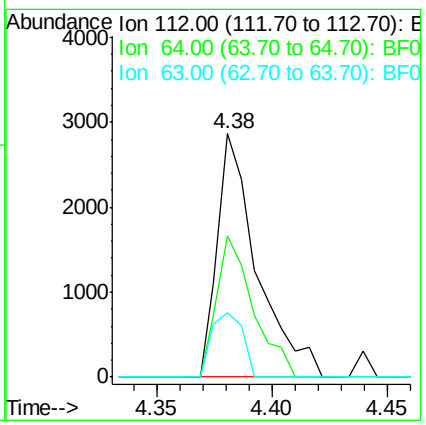


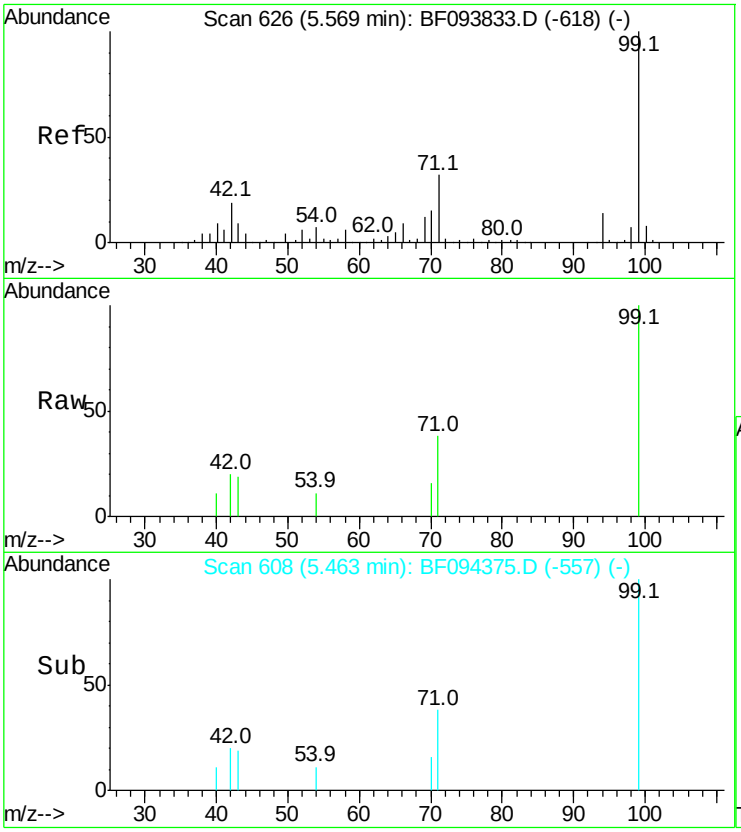


#5
2-Fluorophenol
Concen: 0.50 ng
RT: 4.38 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF094375.D
Acq: 12 Apr 2017 2:46

Tgt Ion:112 Resp: 3424

Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.0	69.0
63	26.2	23.4	35.0



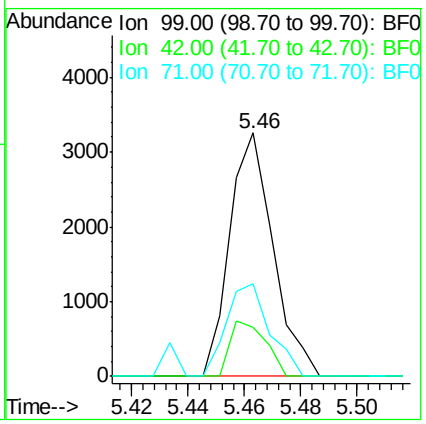


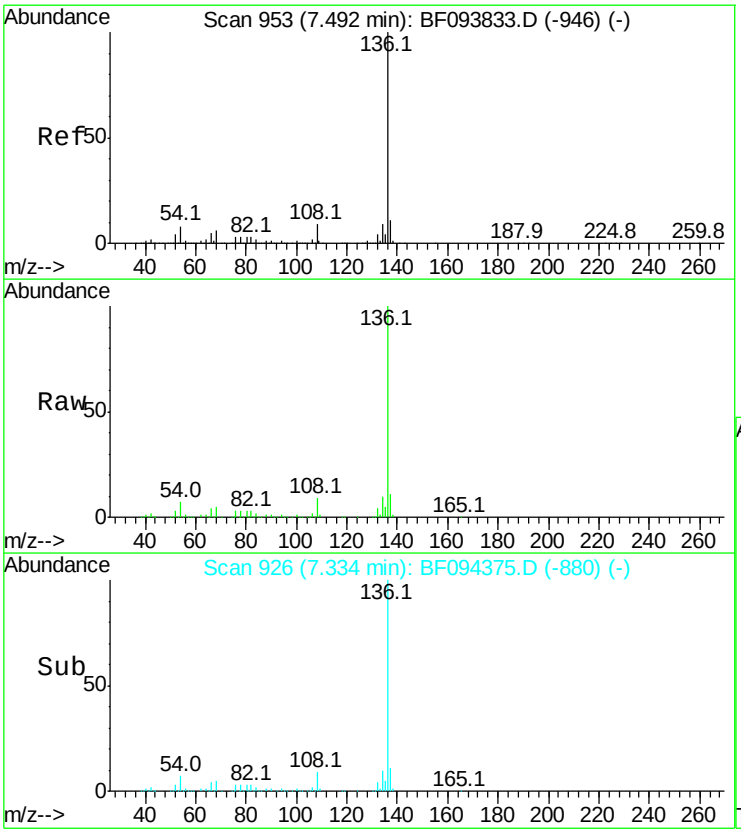
#7
Phenol-d6
Concen: 0.41 ng
RT: 5.46 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF094375.D
Acq: 12 Apr 2017 2:46

Instrument :
BNA_F
ClientSampleId :
SUMP

Tgt Ion: 99 Resp: 3470

Ion	Ratio	Lower	Upper
99	100		
42	20.1	13.5	20.3
71	38.3	24.5	36.7#

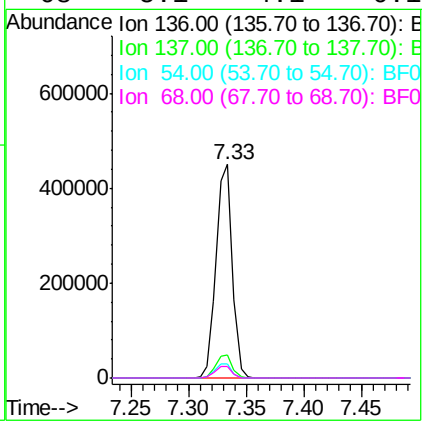


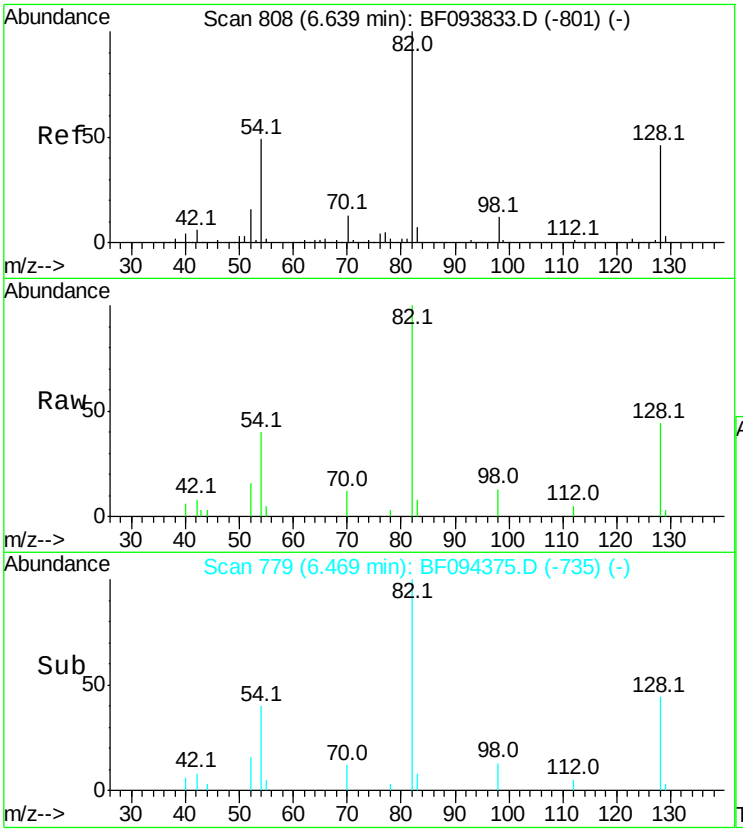


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.03 min
Lab File: BF094375.D
Acq: 12 Apr 2017 2:46

Tgt Ion:136 Resp: 439887

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.7	4.9	7.3
68	5.1	4.1	6.1



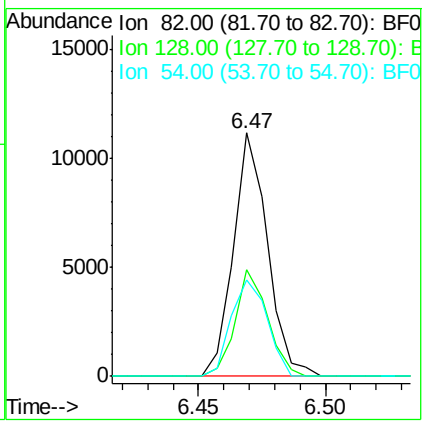


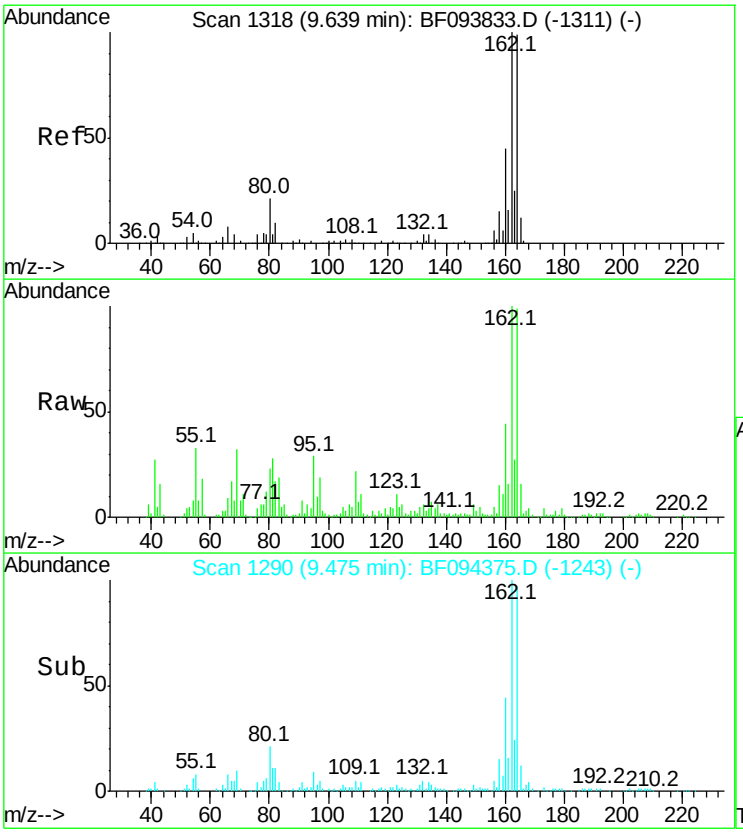
#23
Nitrobenzene-d5
Concen: 1.35 ng
RT: 6.47 min Scan# 779
Delta R.T. -0.04 min
Lab File: BF094375.D
Acq: 12 Apr 2017 2:46

Instrument :
BNA_F
ClientSampleId :
SUMP

Tgt Ion: 82 Resp: 10417

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.0	51.0
54	39.7	42.2	63.2#

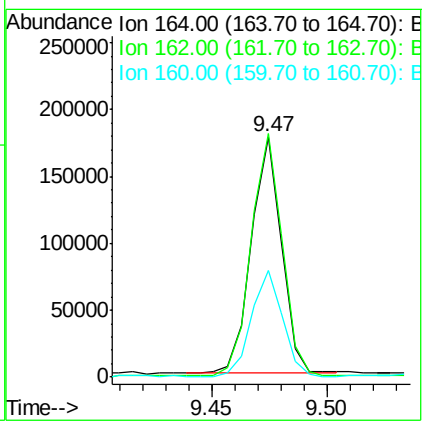


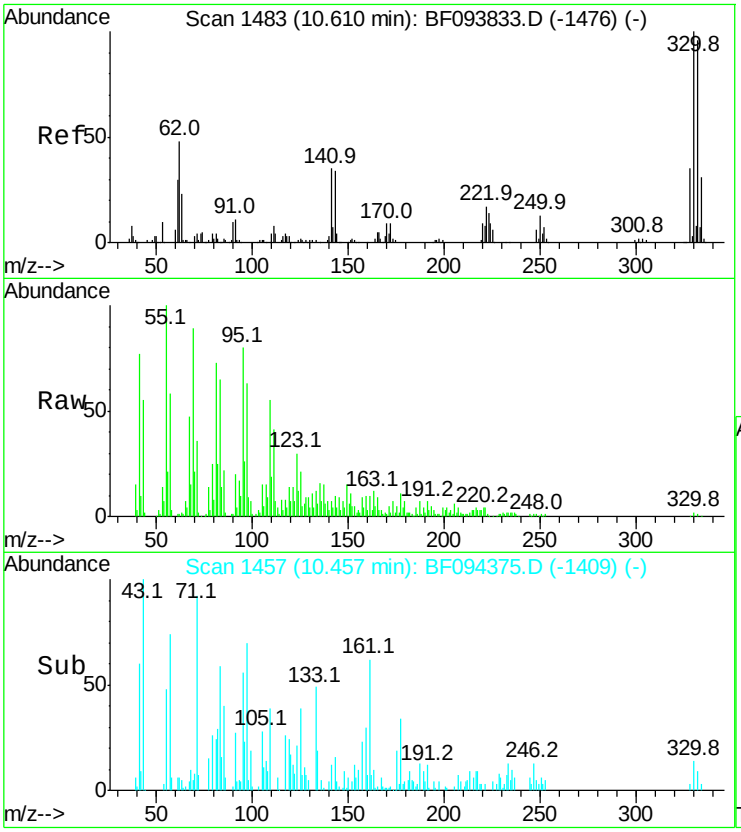


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF094375.D
Acq: 12 Apr 2017 2:46

Tgt Ion:164 Resp: 160933

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	44.5	36.2	54.2



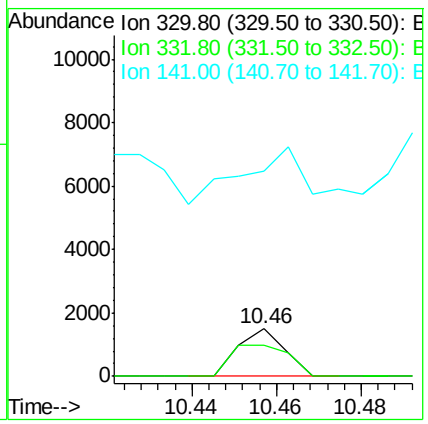


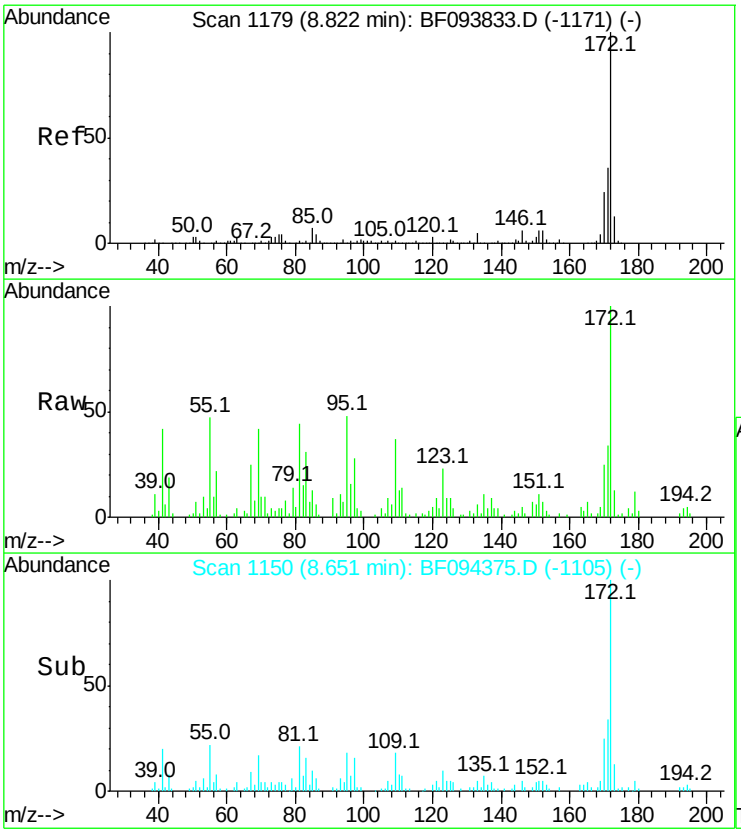
#41
2,4,6-Tribromophenol
Concen: 0.89 ng
RT: 10.46 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF094375.D
Acq: 12 Apr 2017 2:46

Instrument :
BNA_F
ClientSampleId :
SUMP

Tgt Ion:330 Resp: 1133

Ion	Ratio	Lower	Upper
330	100		
332	84.5	76.6	115.0
141	179.9	31.4	47.2#

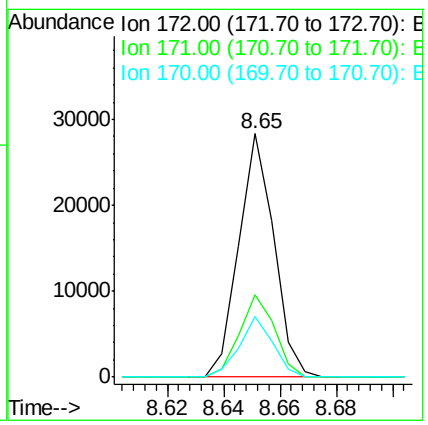


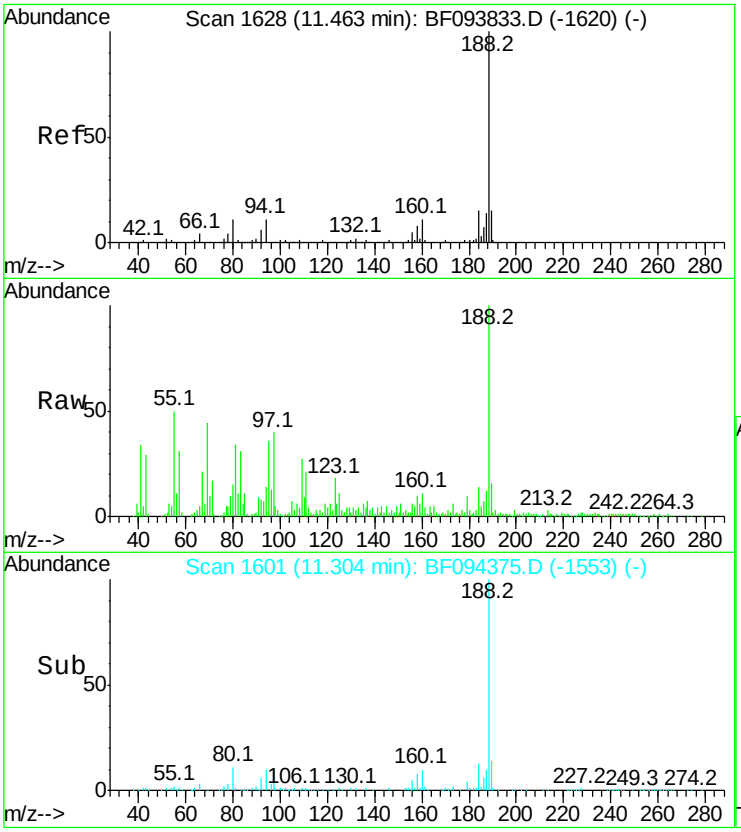


#44
2-Fluorobiphenyl
Concen: 2.32 ng
RT: 8.65 min Scan# 1150
Delta R.T. -0.04 min
Lab File: BF094375.D
Acq: 12 Apr 2017 2:46

Tgt Ion:172 Resp: 24461

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.6	44.4
170	24.9	19.8	29.8



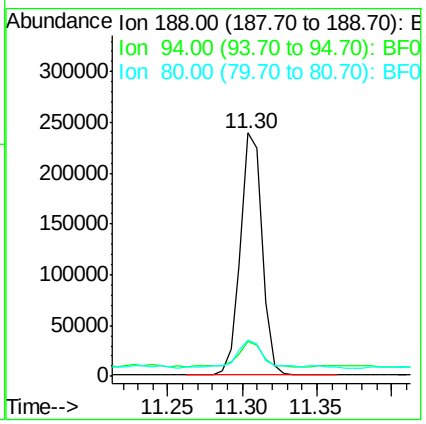


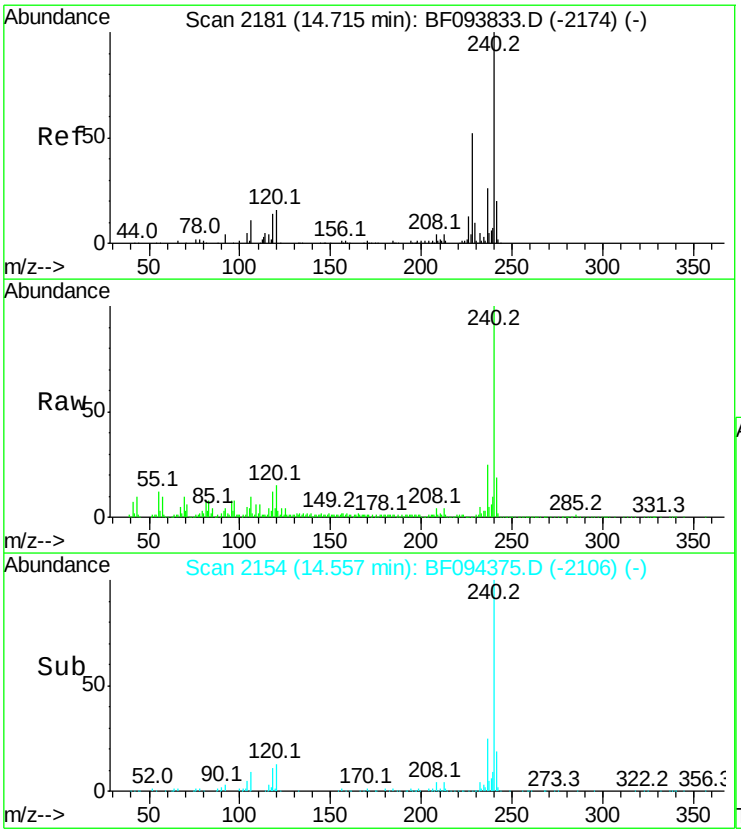
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1601
Delta R.T. -0.02 min
Lab File: BF094375.D
Acq: 12 Apr 2017 2:46

Instrument :
BNA_F
ClientSampleId :
SUMP

Tgt Ion:188 Resp: 242380

Ion	Ratio	Lower	Upper
188	100		
94	14.2	9.4	14.2#
80	15.0	10.2	15.2

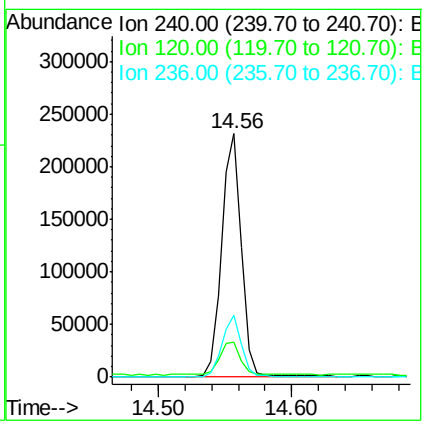


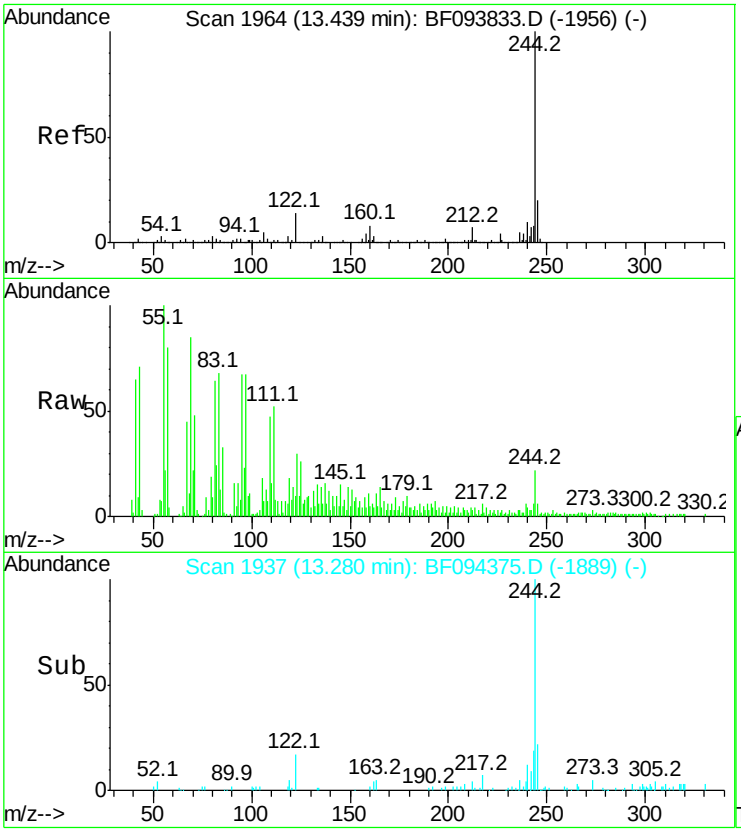


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.56 min Scan# 2154
Delta R.T. -0.02 min
Lab File: BF094375.D
Acq: 12 Apr 2017 2:46

Tgt Ion:240 Resp: 239348

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	25.5	20.5	30.7



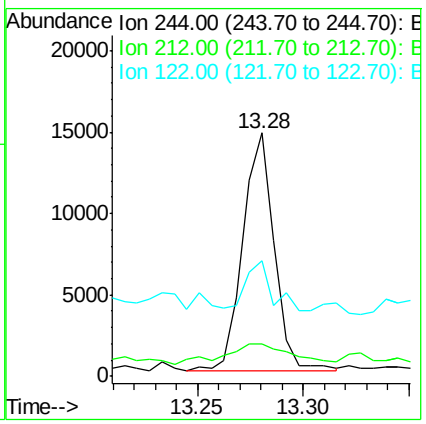


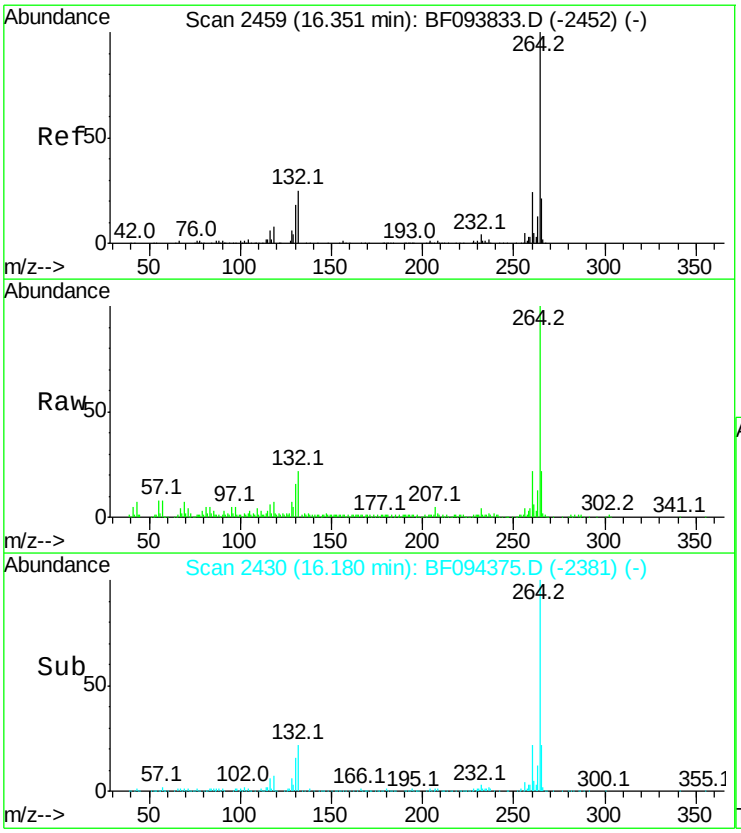
#78
Terphenyl-d14
Concen: 1.41 ng
RT: 13.28 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BF094375.D
Acq: 12 Apr 2017 2:46

Instrument :
BNA_F
ClientSampleId :
SUMP

Tgt Ion:244 Resp: 15104

Ion	Ratio	Lower	Upper
244	100		
212	13.3	6.0	9.0#
122	47.5	10.3	15.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.18 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BF094375.D
Acq: 12 Apr 2017 2:46

Tgt Ion:264 Resp: 196795

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.5	29.3
265	21.9	17.2	25.8