Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041317\
Data File : BF094421.D
Acq On : 14 Apr 2017 9:33
Operator : SJ/MA
Sample : I2672-01 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-Z8-NSW

Quant Time: Apr 14 10:29:56 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 14 01:21:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	155931	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	594705	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	250956	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	385834	20.00	ng	-0.05
75) Chrysene-d12	14.49	240	300349	20.00	ng	-0.06
86) Perylene-d12	16.12	264	234236	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	96728	10.48	ng	-0.05
7) Phenol-d6	5.40	99	121052	10.60	ng	-0.06
23) Nitrobenzene-d5	6.43	82	67838	6.51	ng	-0.06
41) 2,4,6-Tribromophenol	10.39	330	12235	6.17	ng	-0.05
44) 2-Fluorobiphenyl	8.60	172	126681	7.70	ng	-0.05
78) Terphenyl-d14	13.22	244	83859	6.26	ng	-0.06
Target Compounds						Qvalue
70) Phenanthrene	11.27	178	96224	4.48	ng	98
74) Fluoranthene	12.73	202	72328	3.29	ng	99
77) Pyrene	13.01	202	87497	4.01	ng	98

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

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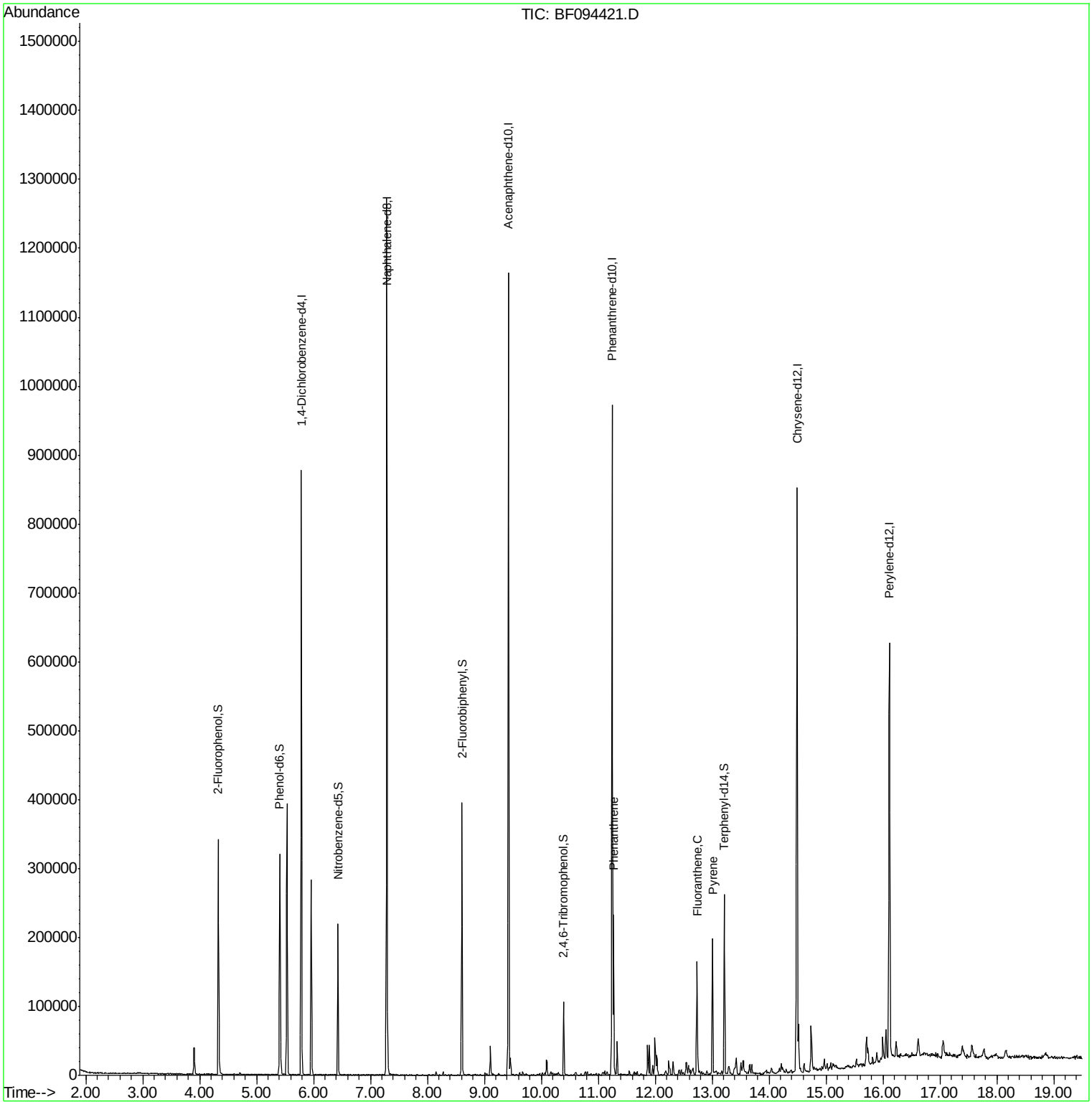
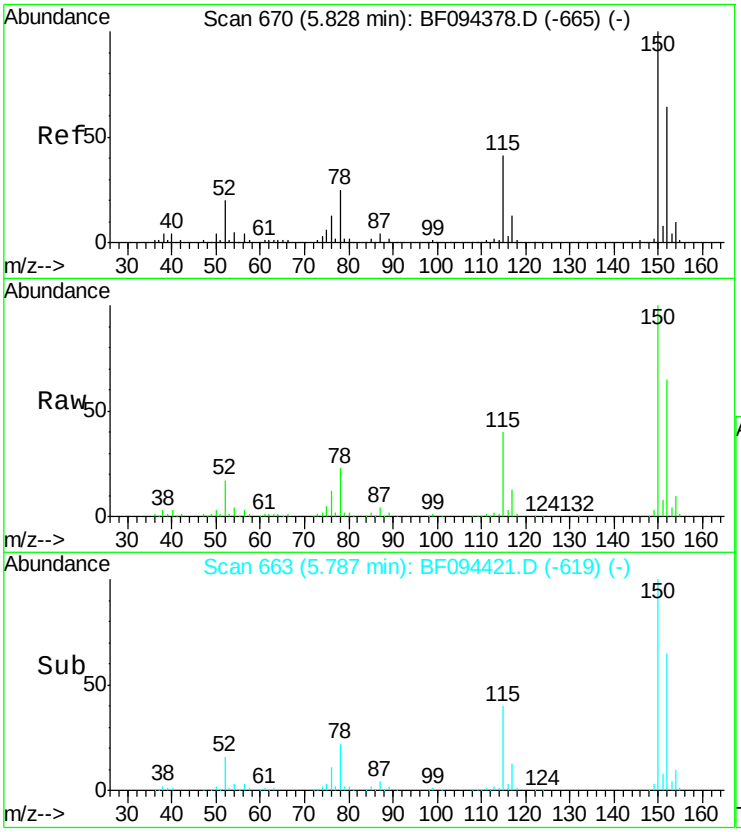


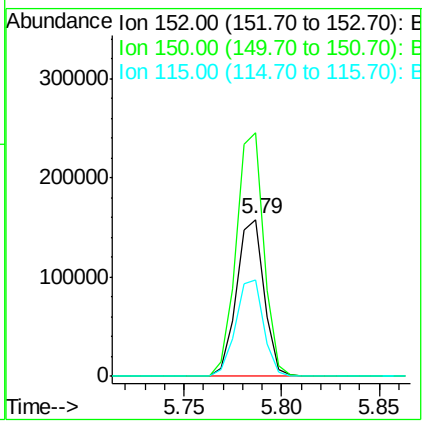


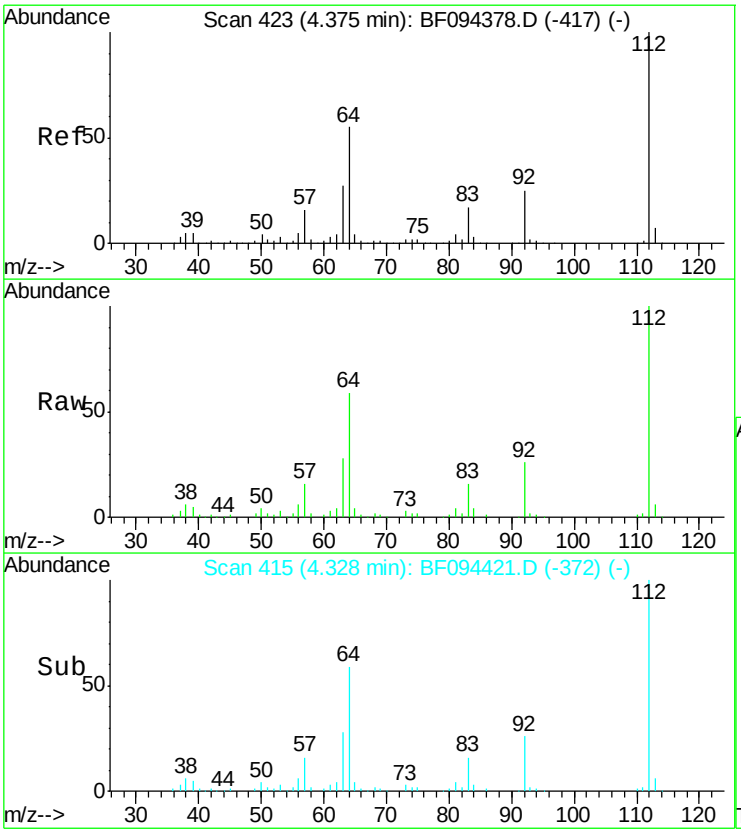
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.04 min
Lab File: BF094421.D
Acq: 14 Apr 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-Z8-NSW

Tgt Ion:152 Resp: 155931

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.2
115	61.4	52.2	78.2

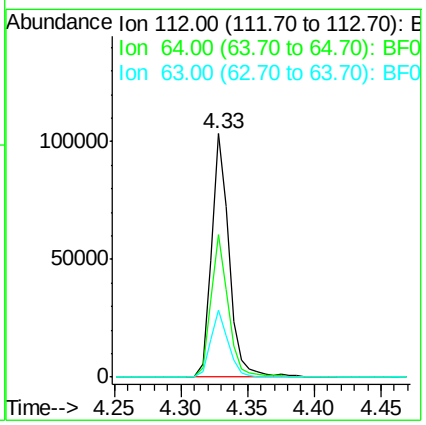


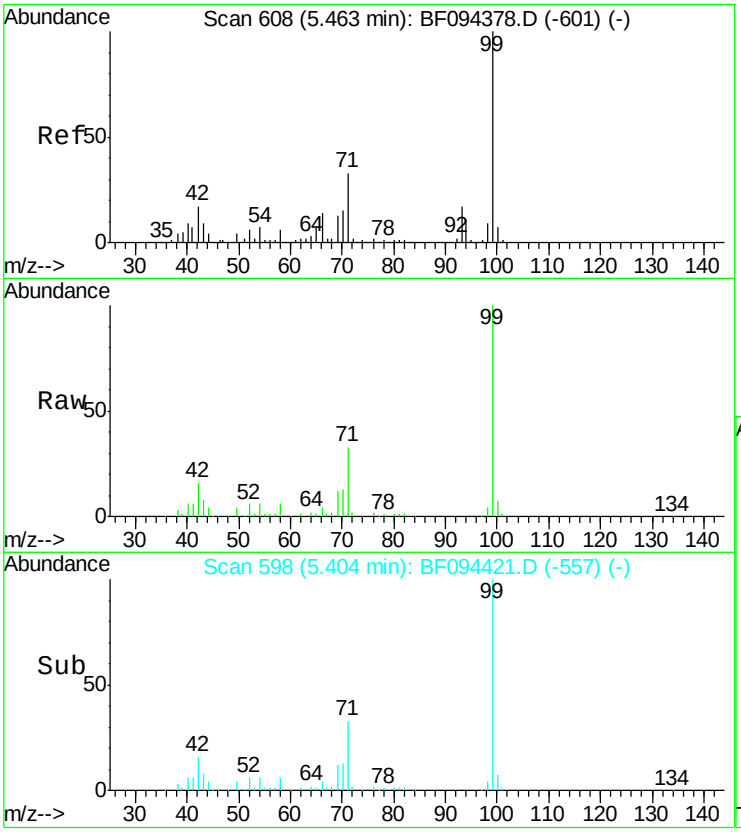


#5
2-Fluorophenol
Concen: 10.48 ng
RT: 4.33 min Scan# 415
Delta R.T. -0.05 min
Lab File: BF094421.D
Acq: 14 Apr 2017 9:33

Tgt Ion:112 Resp: 96728

Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.0	69.0
63	27.7	23.4	35.0



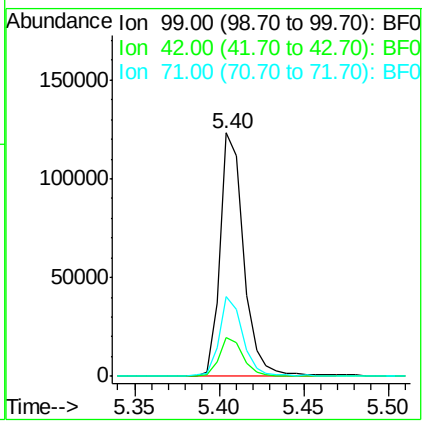


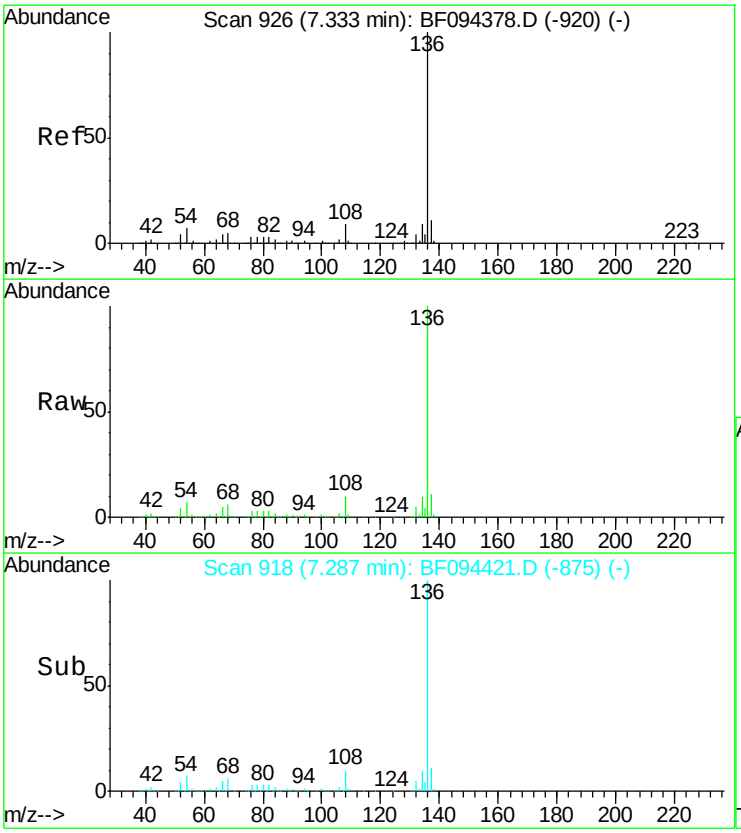
#7
Phenol-d6
Concen: 10.60 ng
RT: 5.40 min Scan# 598
Delta R.T. -0.06 min
Lab File: BF094421.D
Acq: 14 Apr 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-Z8-NSW

Tgt Ion: 99 Resp: 121052

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	32.7	24.5	36.7

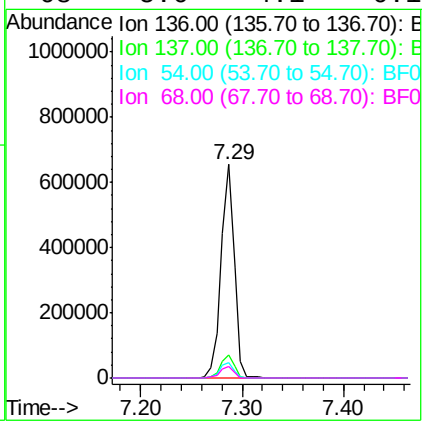


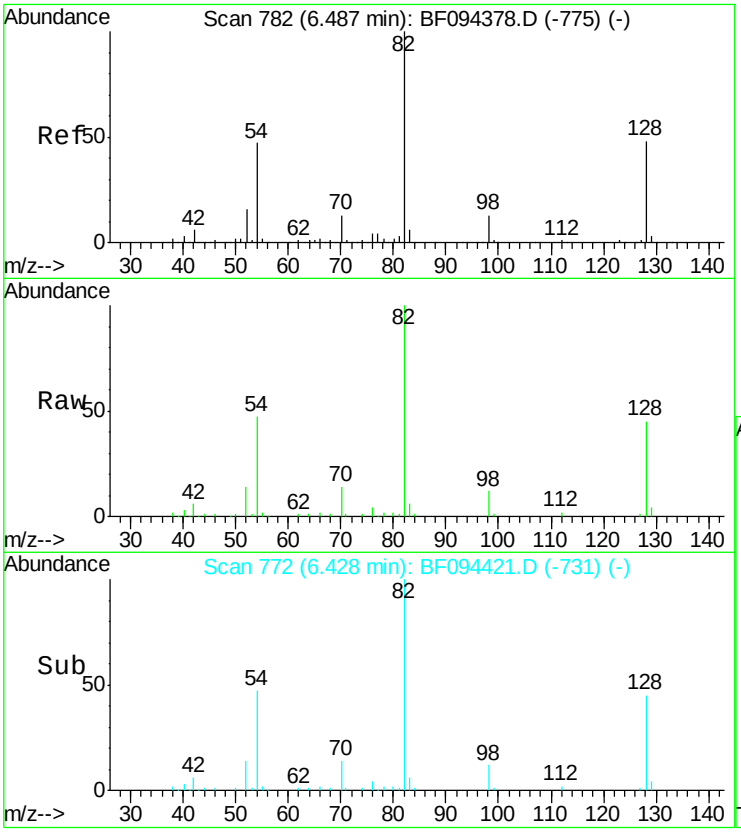


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.29 min Scan# 918
Delta R.T. -0.05 min
Lab File: BF094421.D
Acq: 14 Apr 2017 9:33

Tgt Ion:136 Resp: 594705

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.4	4.9	7.3#
68	5.6	4.1	6.1



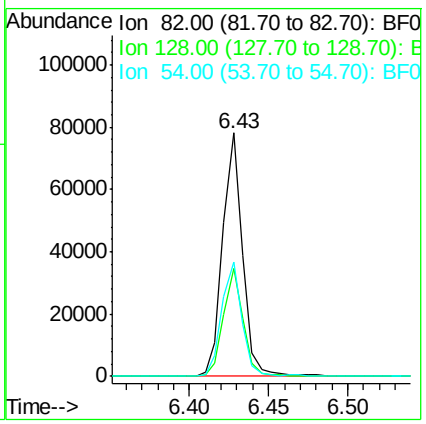


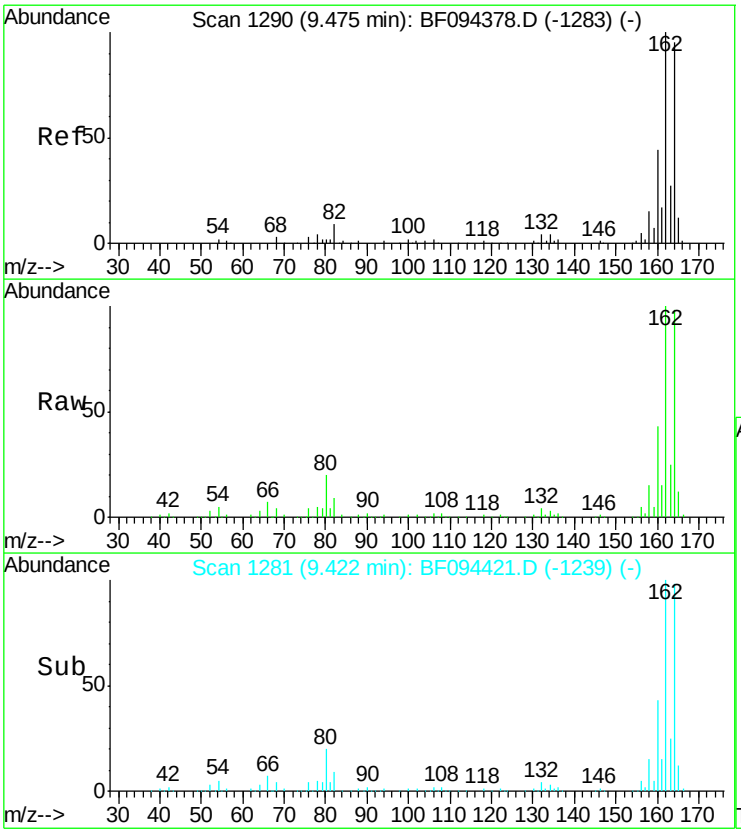
#23
Nitrobenzene-d5
Concen: 6.51 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.06 min
Lab File: BF094421.D
Acq: 14 Apr 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-Z8-NSW

Tgt Ion: 82 Resp: 67838

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.0	51.0
54	47.2	42.2	63.2

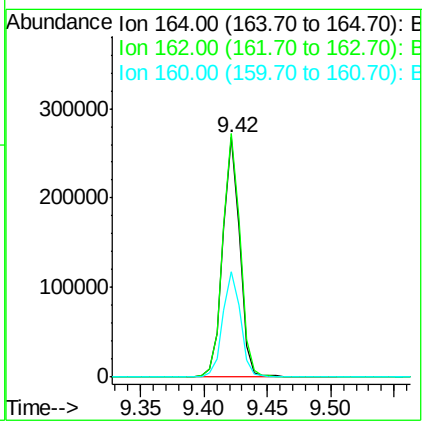


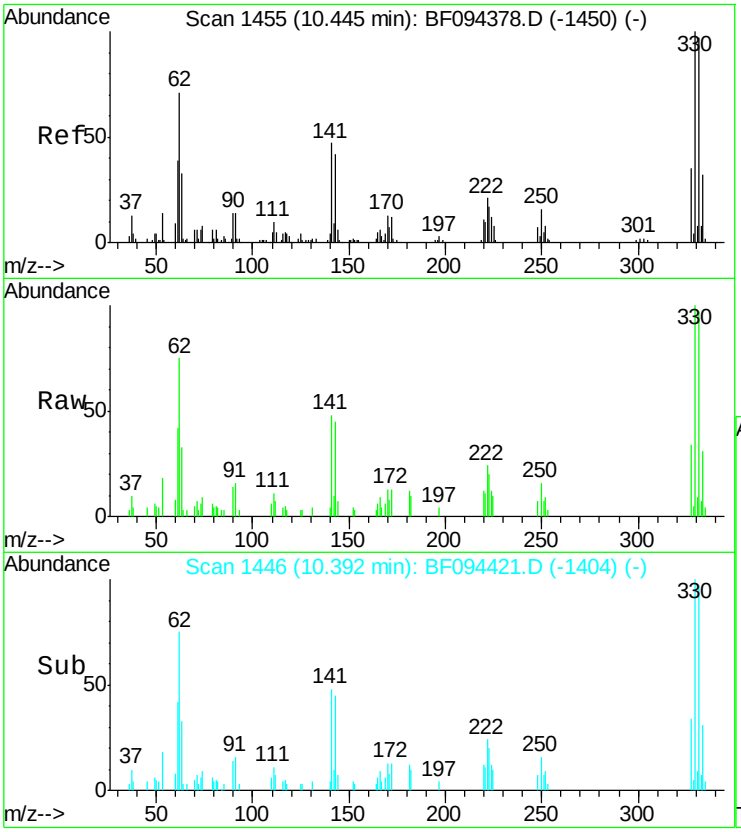


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 1281
Delta R.T. -0.05 min
Lab File: BF094421.D
Acq: 14 Apr 2017 9:33

Tgt Ion:164 Resp: 250956

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	44.2	36.2	54.2



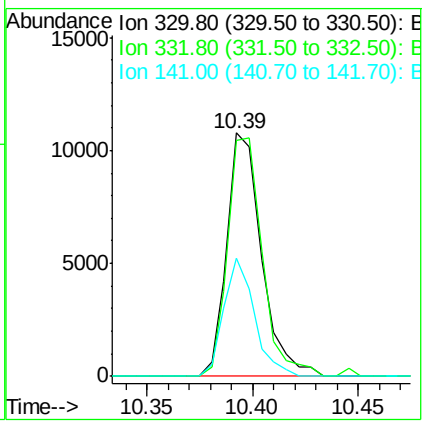


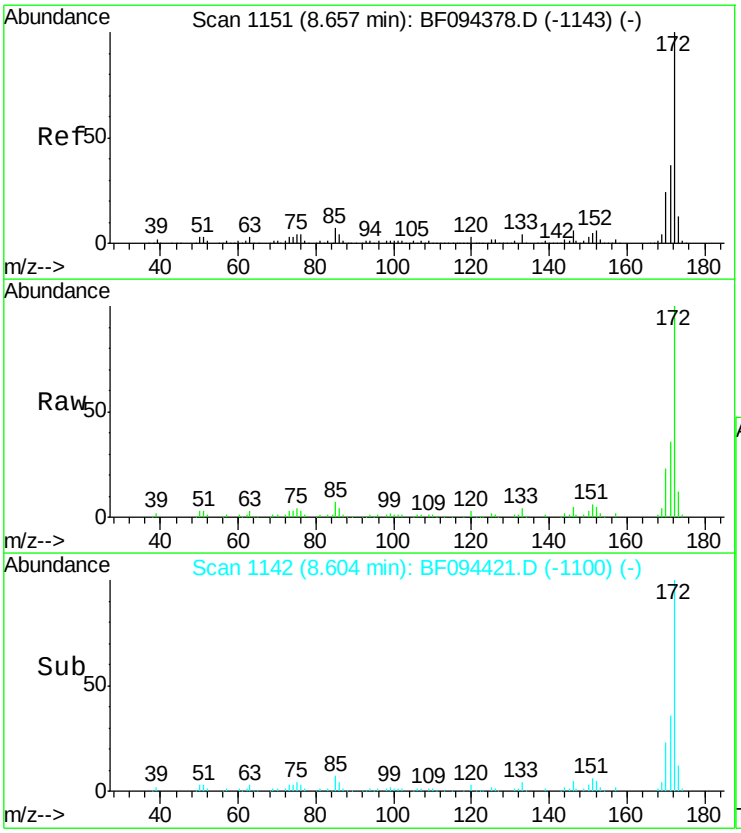
#41
2,4,6-Tribromophenol
Concen: 6.17 ng
RT: 10.39 min Scan# 1446
Delta R.T. -0.05 min
Lab File: BF094421.D
Acq: 14 Apr 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-Z8-NSW

Tgt Ion:330 Resp: 12235

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	42.6	31.4	47.2

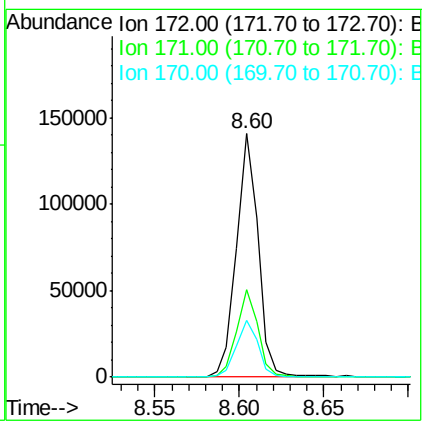


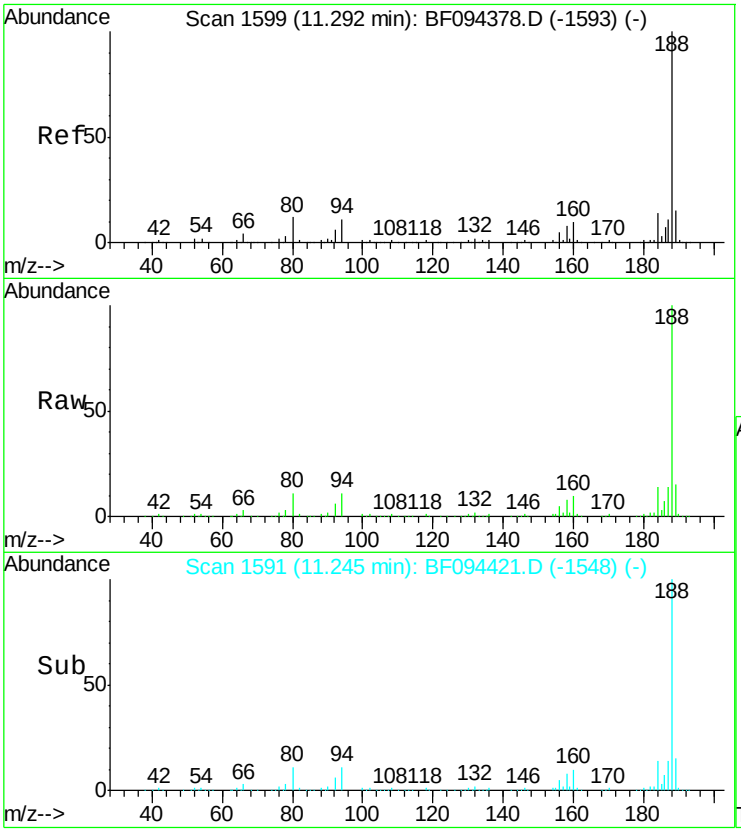


#44
2-Fluorobiphenyl
Concen: 7.70 ng
RT: 8.60 min Scan# 1142
Delta R.T. -0.05 min
Lab File: BF094421.D
Acq: 14 Apr 2017 9:33

Tgt Ion:172 Resp: 126681

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.2	19.8	29.8



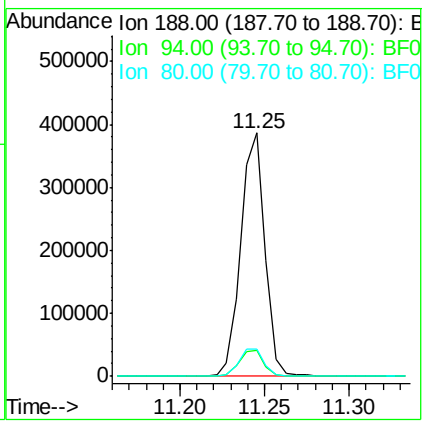


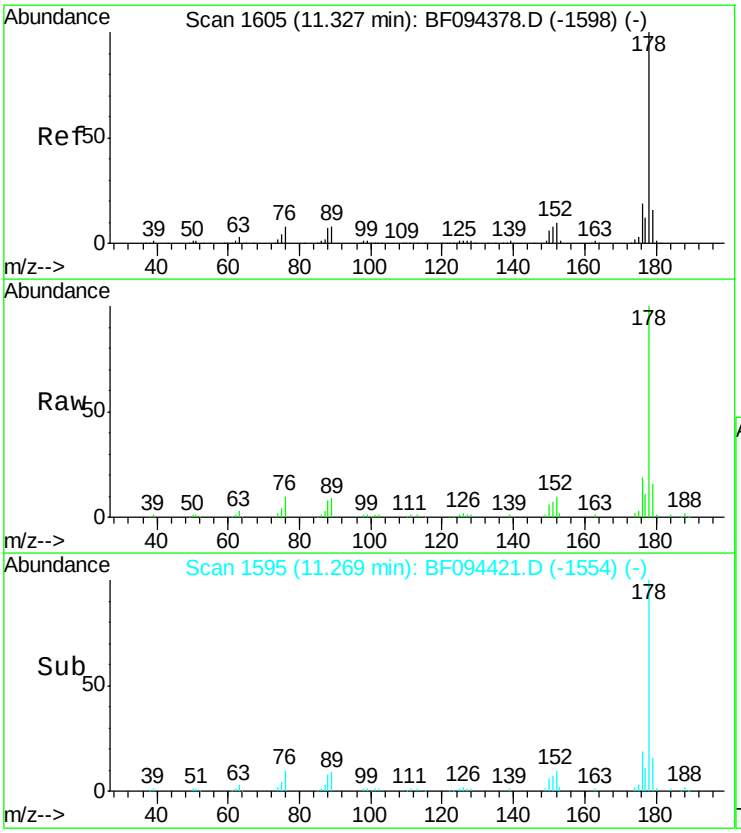
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1591
Delta R.T. -0.05 min
Lab File: BF094421.D
Acq: 14 Apr 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-Z8-NSW

Tgt Ion:188 Resp: 385834

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.5	10.2	15.2

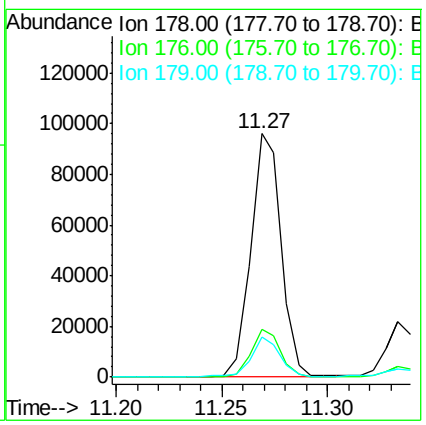


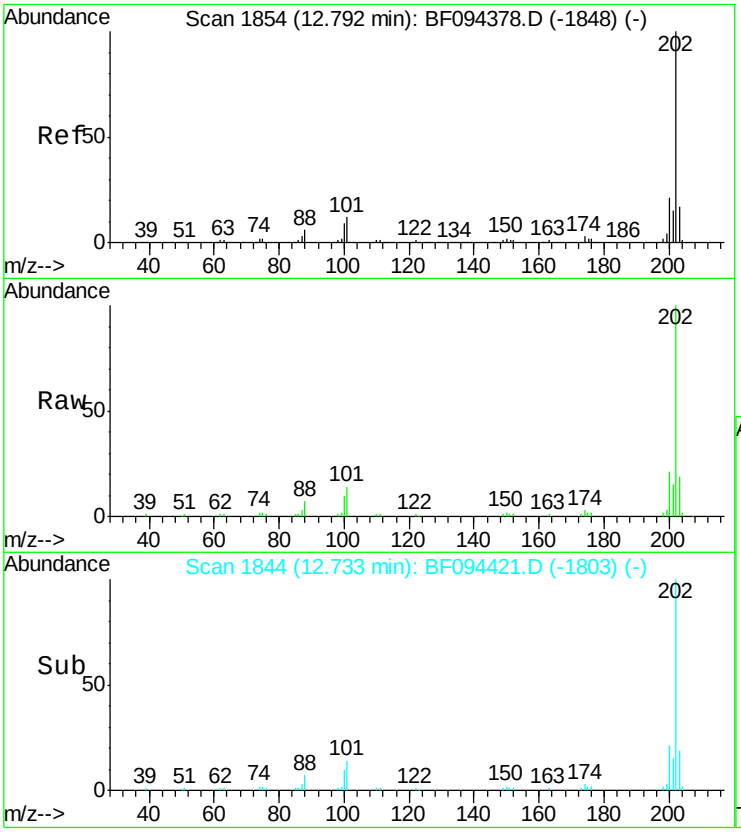


#70
Phenanthrene
Concen: 4.48 ng
RT: 11.27 min Scan# 1595
Delta R.T. -0.06 min
Lab File: BF094421.D
Acq: 14 Apr 2017 9:33

Tgt Ion:178 Resp: 96224

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	16.4	12.6	19.0



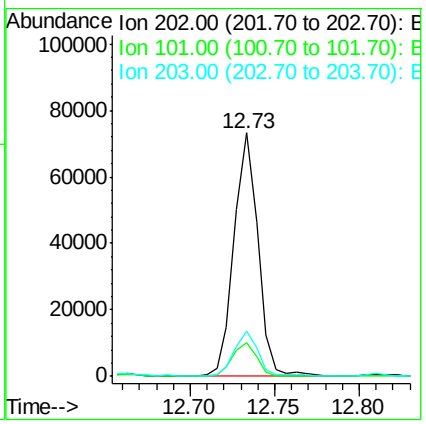


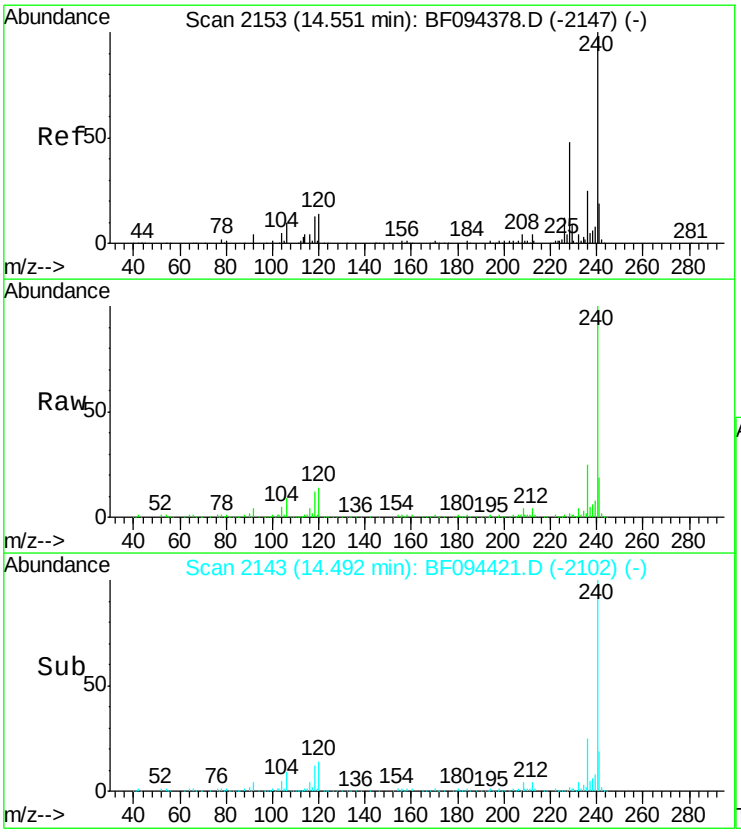
#74
Fluoranthene
Concen: 3.29 ng
RT: 12.73 min Scan# 1844
Delta R.T. -0.06 min
Lab File: BF094421.D
Acq: 14 Apr 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-Z8-NSW

Tgt Ion:202 Resp: 72328

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.2
203	18.5	0.0	38.1

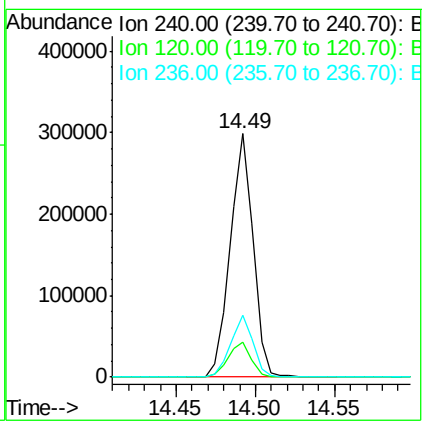


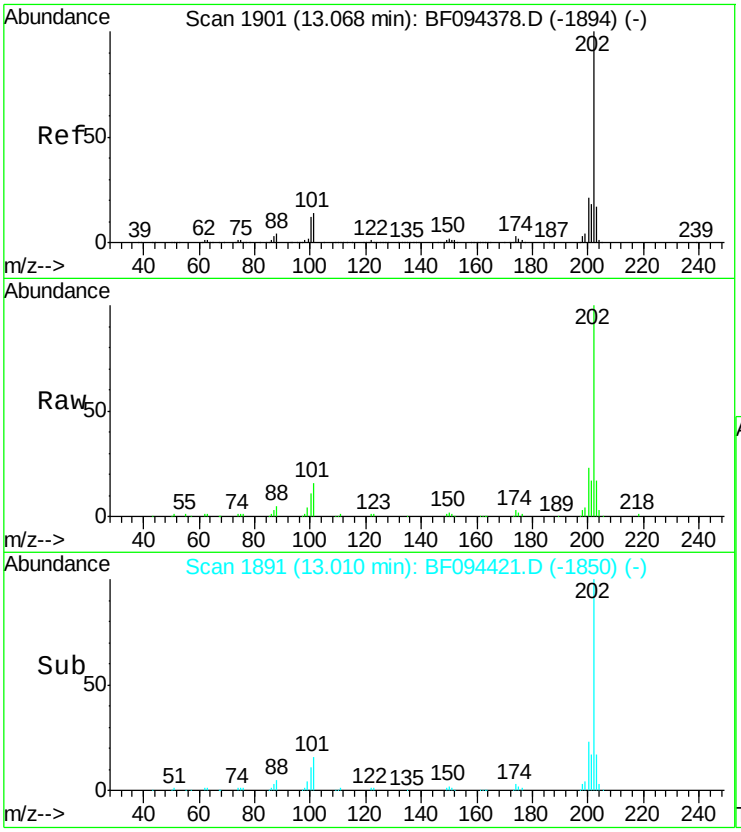


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.49 min Scan# 2143
Delta R.T. -0.06 min
Lab File: BF094421.D
Acq: 14 Apr 2017 9:33

Tgt Ion:240 Resp: 300349

Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	25.5	20.5	30.7



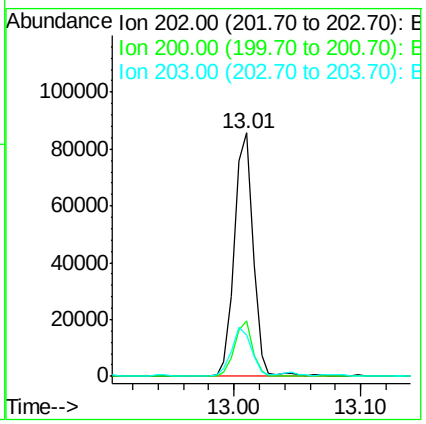


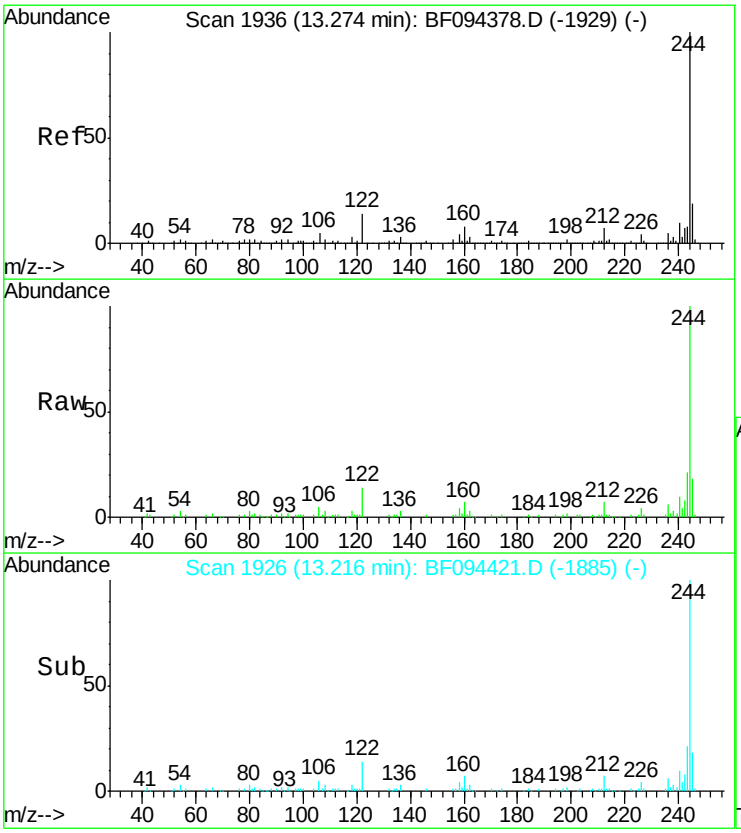
#77
Pyrene
Concen: 4.01 ng
RT: 13.01 min Scan# 1891
Delta R.T. -0.06 min
Lab File: BF094421.D
Acq: 14 Apr 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-Z8-NSW

Tgt Ion:202 Resp: 87497

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.6	26.4
203	17.0	14.4	21.6

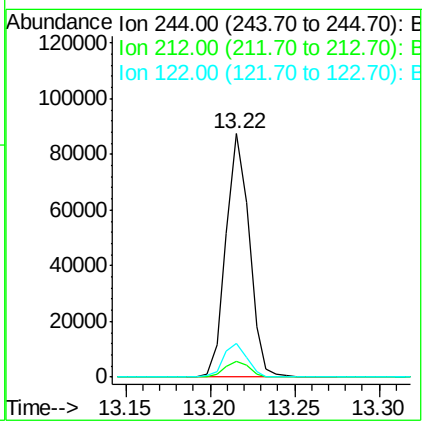


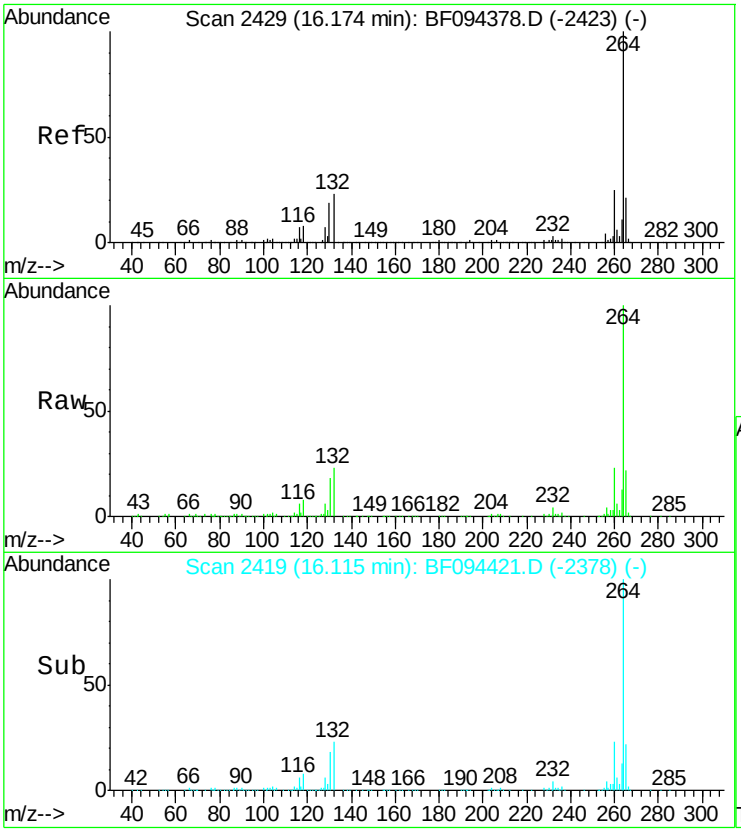


#78
Terphenyl-d14
Concen: 6.26 ng
RT: 13.22 min Scan# 1926
Delta R.T. -0.06 min
Lab File: BF094421.D
Acq: 14 Apr 2017 9:33

Tgt Ion:244 Resp: 83859

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	14.0	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.12 min Scan# 2419
Delta R.T. -0.06 min
Lab File: BF094421.D
Acq: 14 Apr 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-Z8-NSW

Tgt Ion:264 Resp: 234236

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.2	17.2	25.8