Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053116\
Data File : BF087618.D
Acq On : 1 Jun 2016 12:17
Operator : UM/SJ
Sample : H3190-13RE
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHS-STA-1672(0-4)RE

Quant Time: Jun 01 13:37:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	128480	20.00	ng		-0.08
21) Naphthalene-d8	9.47	136	527855	20.00	ng		-0.08
38) Acenaphthene-d10	12.30	164	216359	20.00	ng		-0.09
63) Phenanthrene-d10	14.70	188	332665	20.00	ng		-0.08
75) Chrysene-d12	18.41	240	281353	20.00	ng		-0.07
86) Perylene-d12	20.10	264	228966	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	410541	56.15	ng		-0.07
7) Phenol-d6	7.00	99	663965	67.20	ng		-0.07
23) Nitrobenzene-d5	8.36	82	403528	38.53	ng		-0.08
41) 2,4,6-Tribromophenol	13.60	330	189634	91.21	ng		-0.08
44) 2-Fluorobiphenyl	11.24	172	866441	56.46	ng		-0.09
78) Terphenyl-d14	17.06	244	991051	74.89	ng		-0.07
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.35	70	46880	6.36	ng	#	65
48) Acenaphthylene	12.08	152	49806	2.26	ng		97
49) Dimethylphthalate	11.94	163	372344	21.48	ng		100
70) Phenanthrene	14.74	178	90635	4.92	ng		99
71) Anthracene	14.85	178	62478	3.36	ng		99
74) Fluoranthene	16.51	202	309019	16.72	ng		93
77) Pyrene	16.82	202	306581	15.14	ng		98
80) Benzo(a)anthracene	18.46	228	191464	11.96	ng		96
82) Chrysene	18.46	228	192983	12.15	ng		99
87) Benzo(b)fluoranthene	19.82	252	39054	2.68	ng		94
88) Benzo(k)fluoranthene	19.69	252	335266	26.71	ng		99
89) Benzo(a)pyrene	20.05	252	126301	10.01	ng	#	89
90) Dibenzo(a,h)anthracene	21.34	278	23562	2.19	ng		94
91) Benzo(g,h,i)perylene	21.70	276	62269	5.87	ng		94

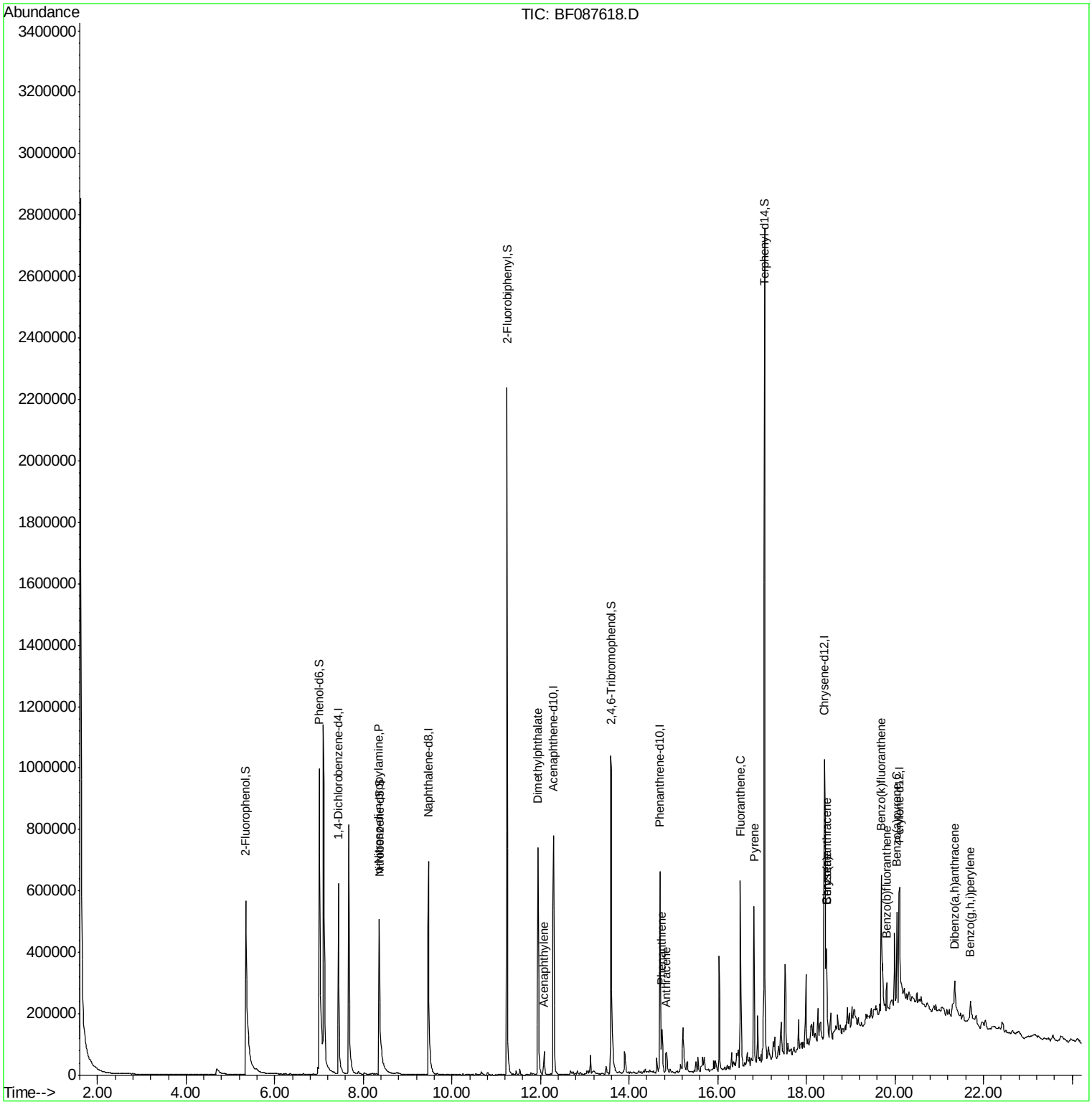
(#) = qualifier out of range (m) = manual integration (+) = signals summed

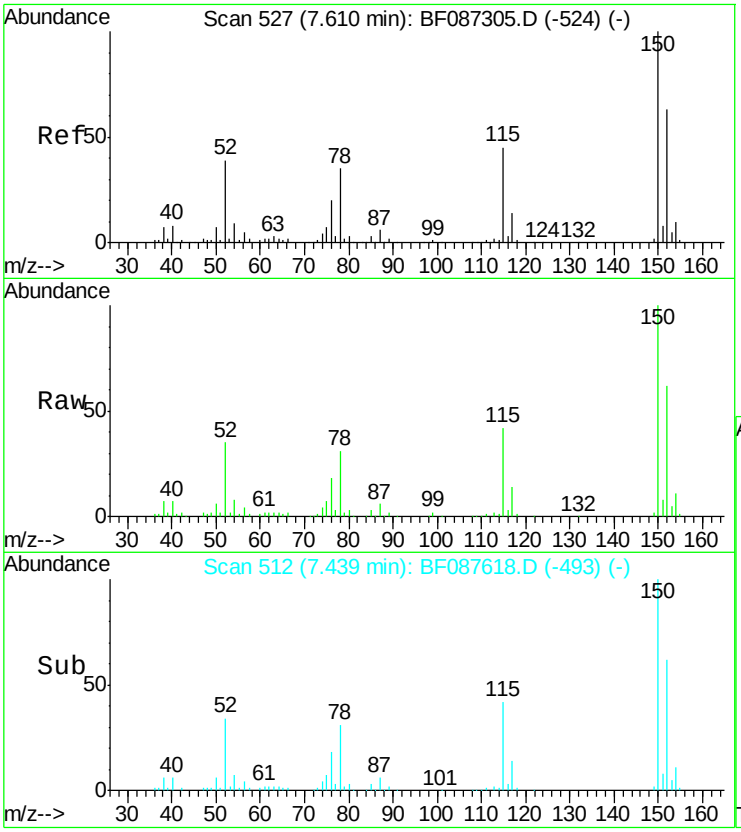
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053116\
Data File : BF087618.D
Acq On : 1 Jun 2016 12:17
Operator : UM/SJ
Sample : H3190-13RE
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)RE

Quant Time: Jun 01 13:37:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration



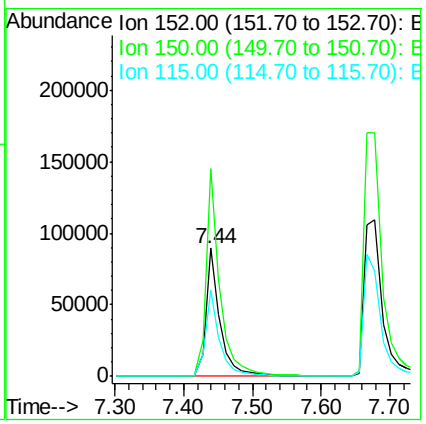


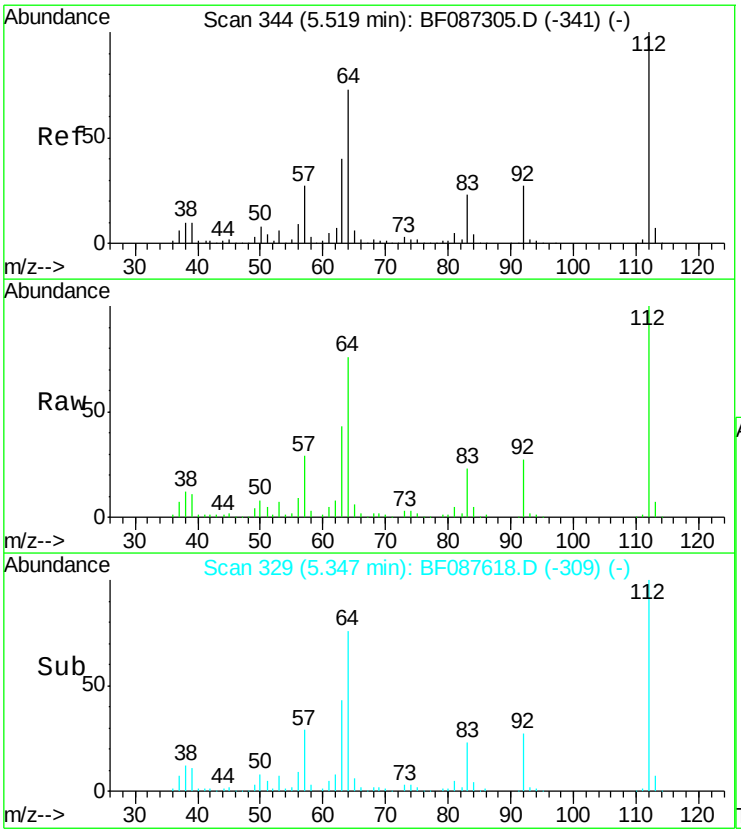
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.08 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)RE

Tgt Ion:152 Resp: 128480

Ion	Ratio	Lower	Upper
152	100		
150	161.9	125.8	188.6
115	67.6	51.5	77.3

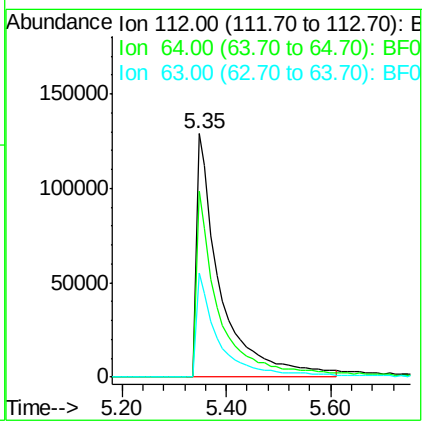


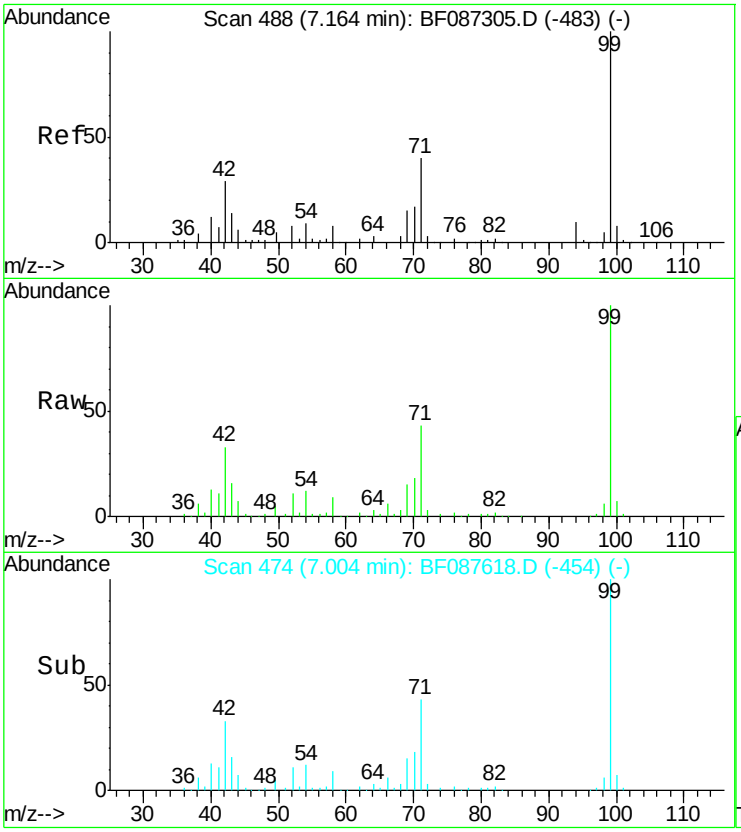


#5
2-Fluorophenol
Concen: 56.15 ng
RT: 5.35 min Scan# 329
Delta R.T. -0.07 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Tgt Ion:112 Resp: 410541

Ion	Ratio	Lower	Upper
112	100		
64	76.4	52.1	78.1
63	42.9	25.7	38.5#



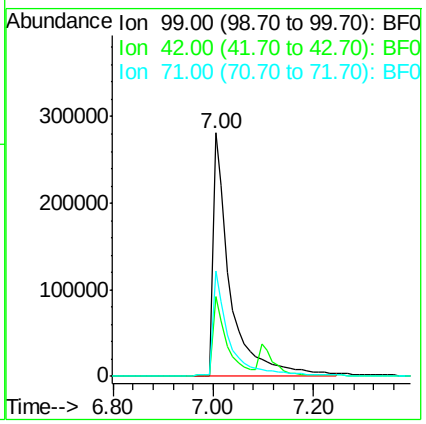


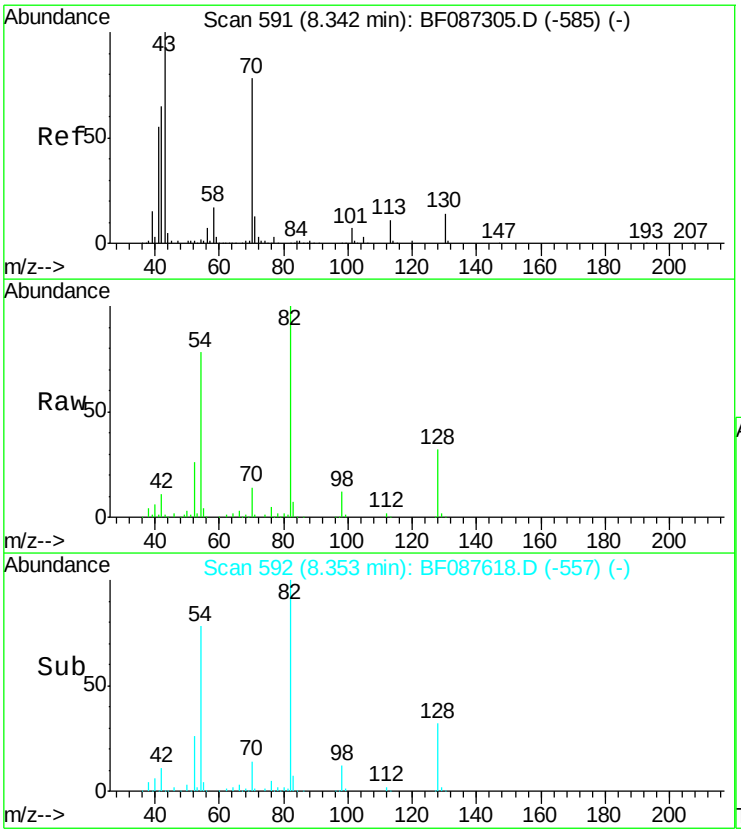
#7
Phenol-d6
Concen: 67.20 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.07 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)RE

Tgt Ion: 99 Resp: 663965

Ion	Ratio	Lower	Upper
99	100		
42	32.8	13.6	20.4#
71	43.2	24.6	36.8#

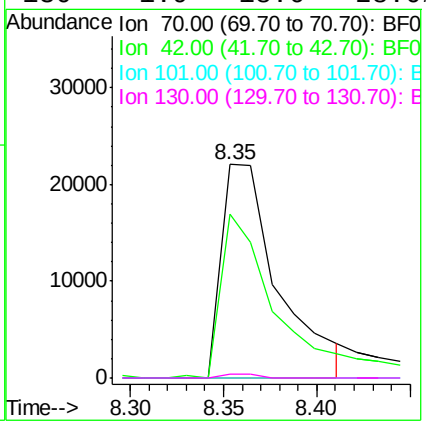


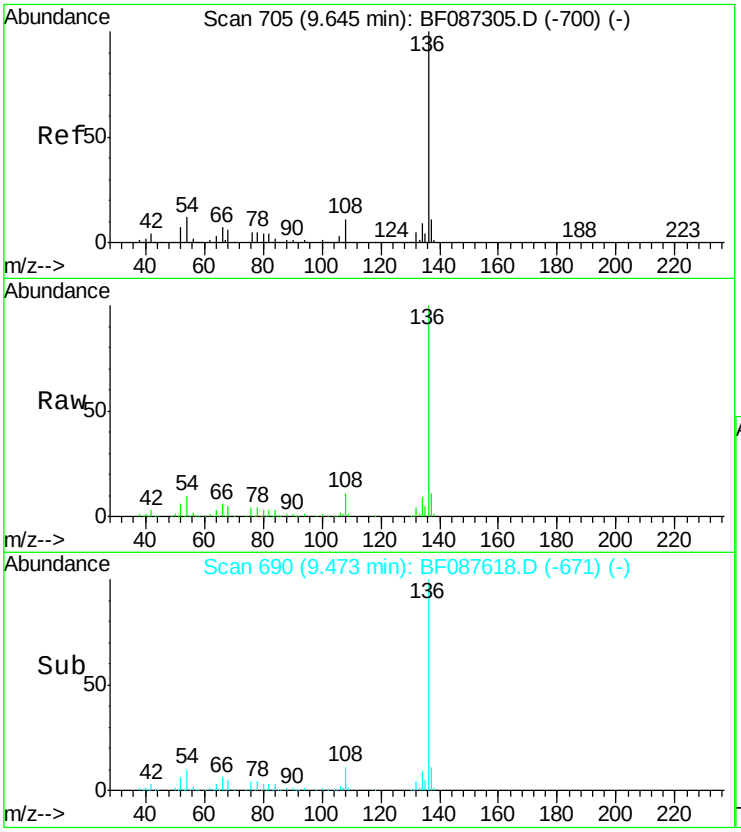


#19
n-Nitroso-di-n-propylamine
Concen: 6.36 ng
RT: 8.35 min Scan# 592
Delta R.T. 0.10 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Tgt Ion: 70 Resp: 46880

Ion	Ratio	Lower	Upper
70	100		
42	76.8	43.1	64.7#
101	0.0	8.1	12.1#
130	1.9	18.6	28.0#



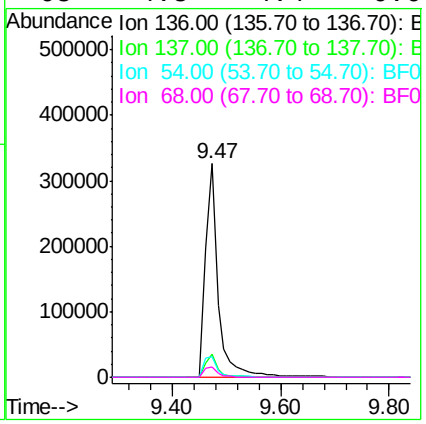


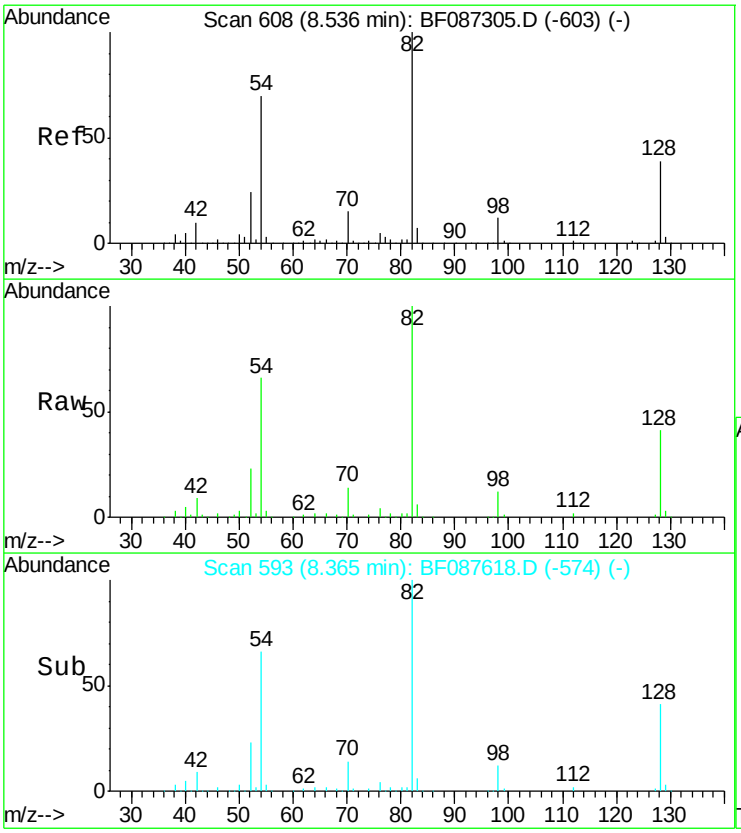
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.08 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)RE

Tgt Ion:136 Resp: 527855

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.8	5.0	7.4#
68	4.8	4.4	6.6

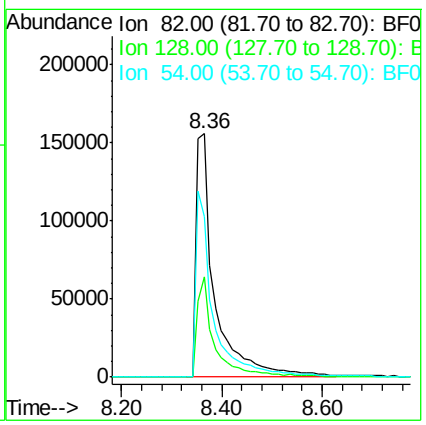


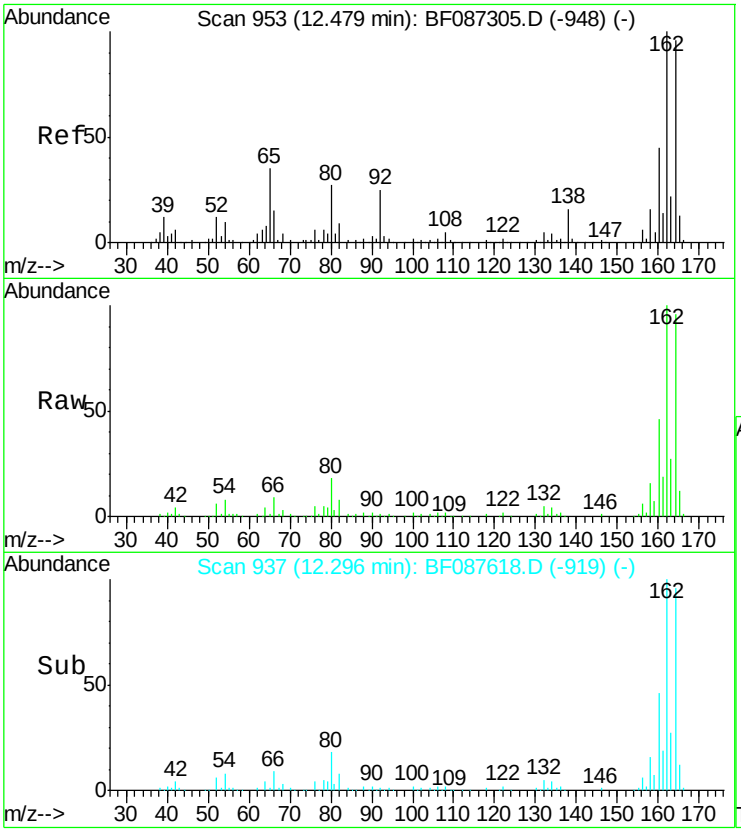


#23
Nitrobenzene-d5
Concen: 38.53 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.08 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Tgt Ion: 82 Resp: 403528

Ion	Ratio	Lower	Upper
82	100		
128	41.2	40.6	61.0
54	66.1	38.1	57.1#



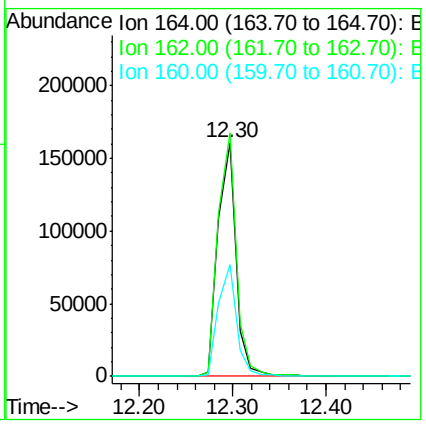


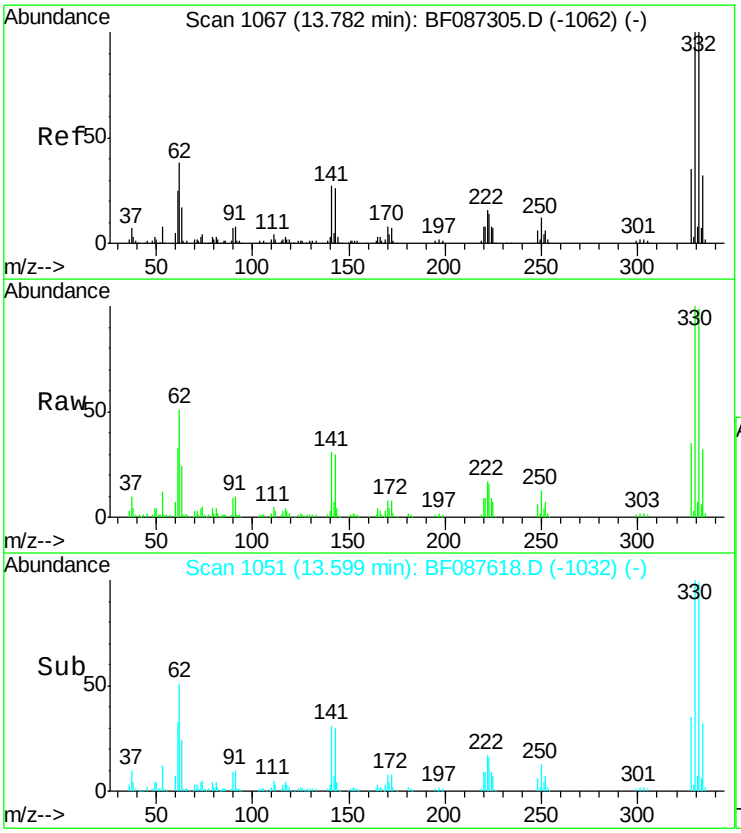
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.09 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)RE

Tgt Ion:164 Resp: 216359

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.8	124.2
160	47.8	36.9	55.3

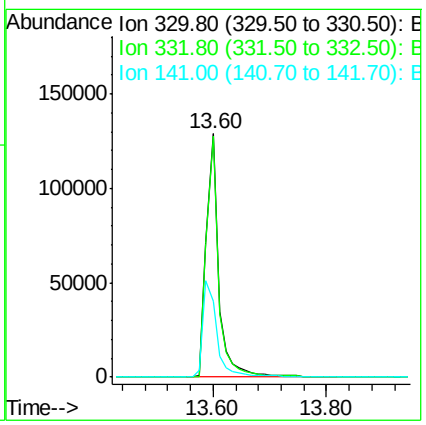


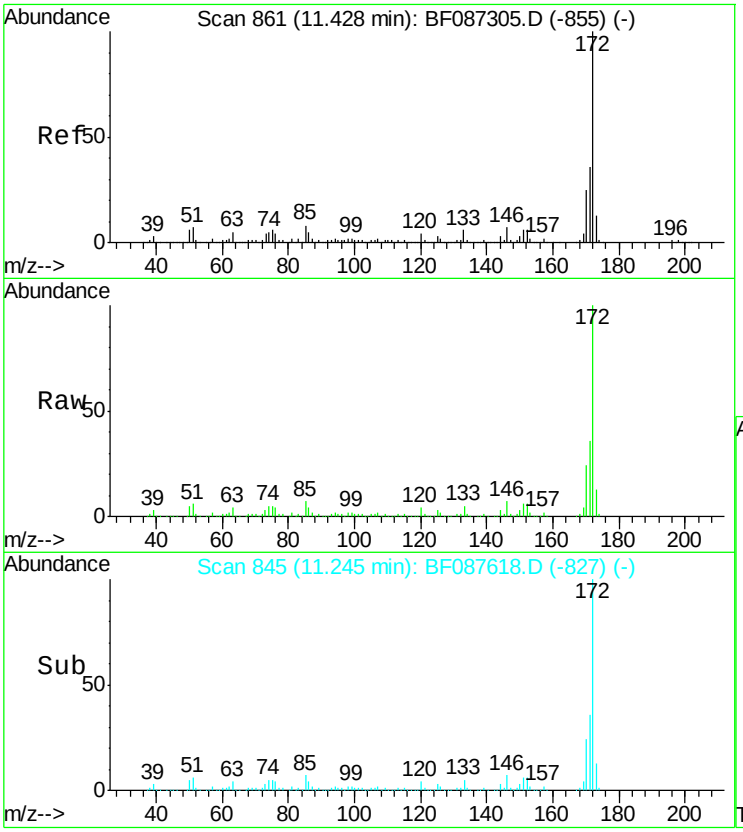


#41
2,4,6-Tribromophenol
Concen: 91.21 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.08 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Tgt Ion:330 Resp: 189634

Ion	Ratio	Lower	Upper
330	100		
332	98.0	79.0	118.4
141	44.9	31.2	46.8



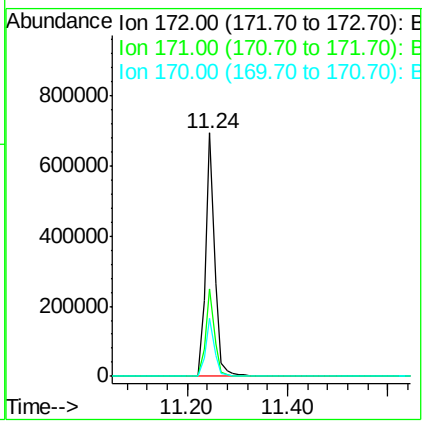


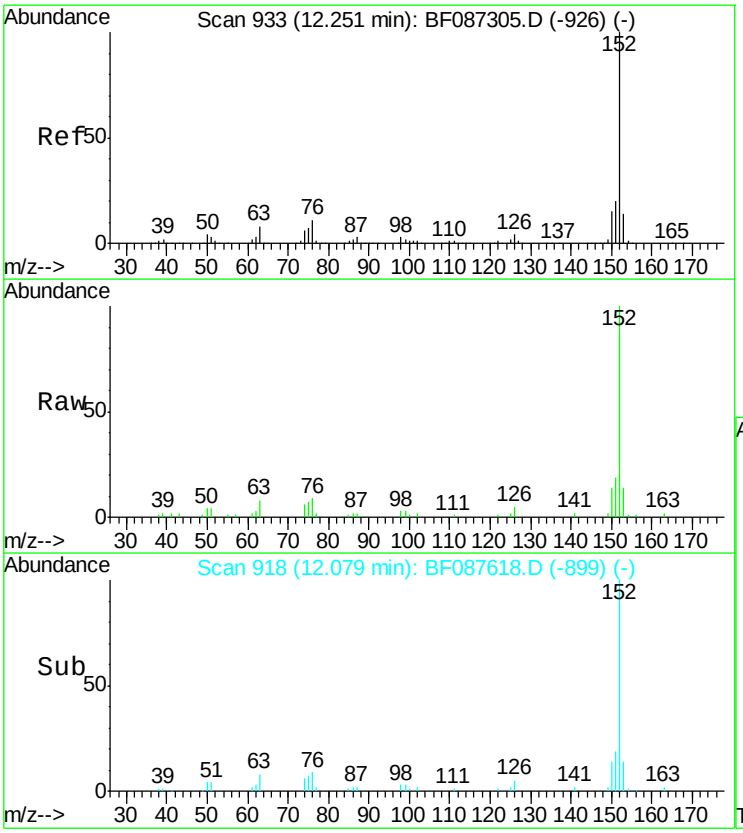
#44
2-Fluorobiphenyl
Concen: 56.46 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.09 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)RE

Tgt Ion:172 Resp: 866441

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	24.1	19.8	29.8

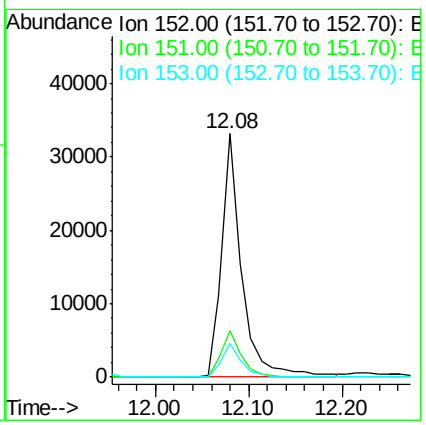


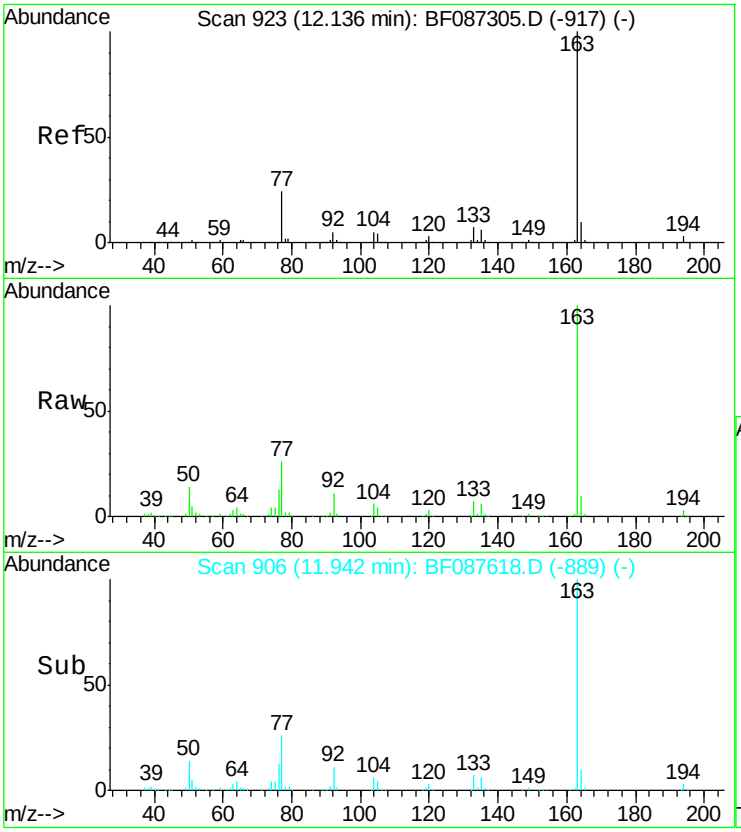


#48
Acenaphthylene
Concen: 2.26 ng
RT: 12.08 min Scan# 918
Delta R.T. -0.08 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Tgt Ion:152 Resp: 49806

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.8	25.2
153	13.9	10.9	16.3



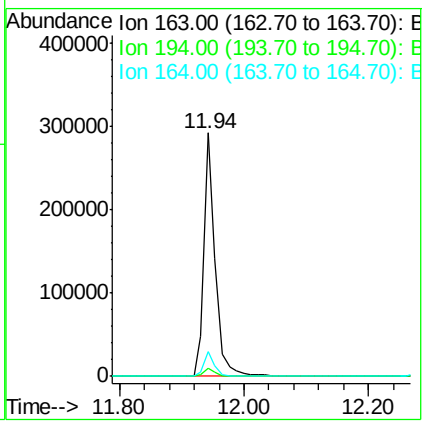


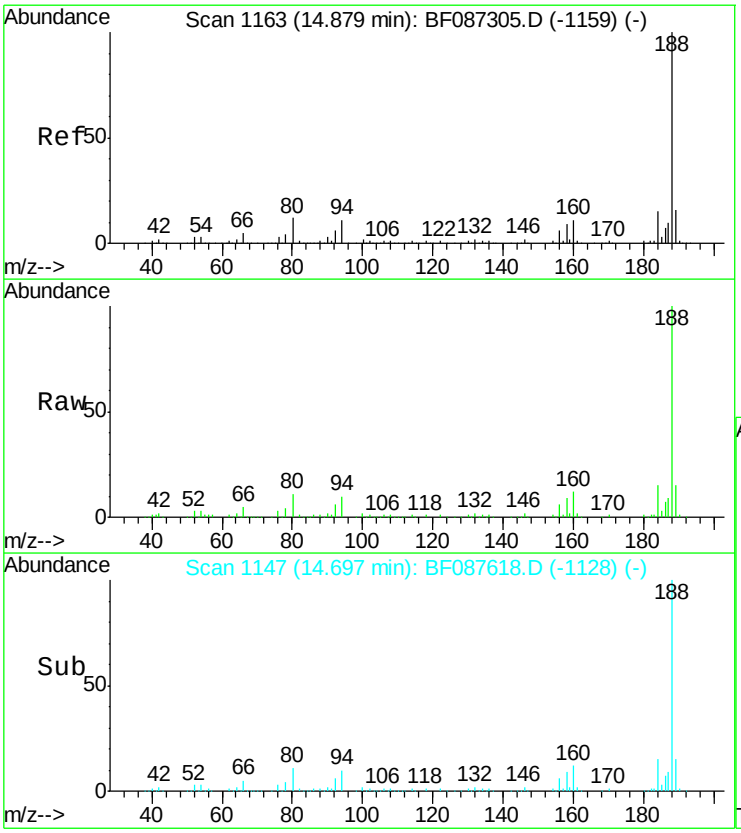
#49
Dimethylphthalate
Concen: 21.48 ng
RT: 11.94 min Scan# 906
Delta R.T. -0.10 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)RE

Tgt Ion:163 Resp: 372344

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.2	8.2	12.4

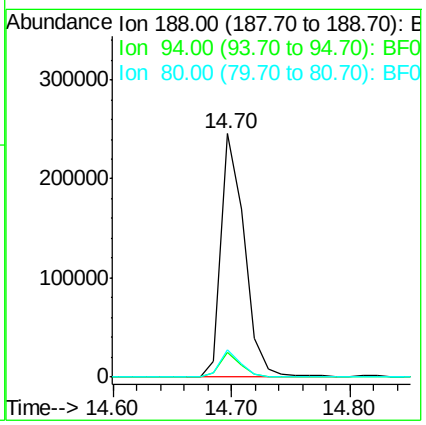


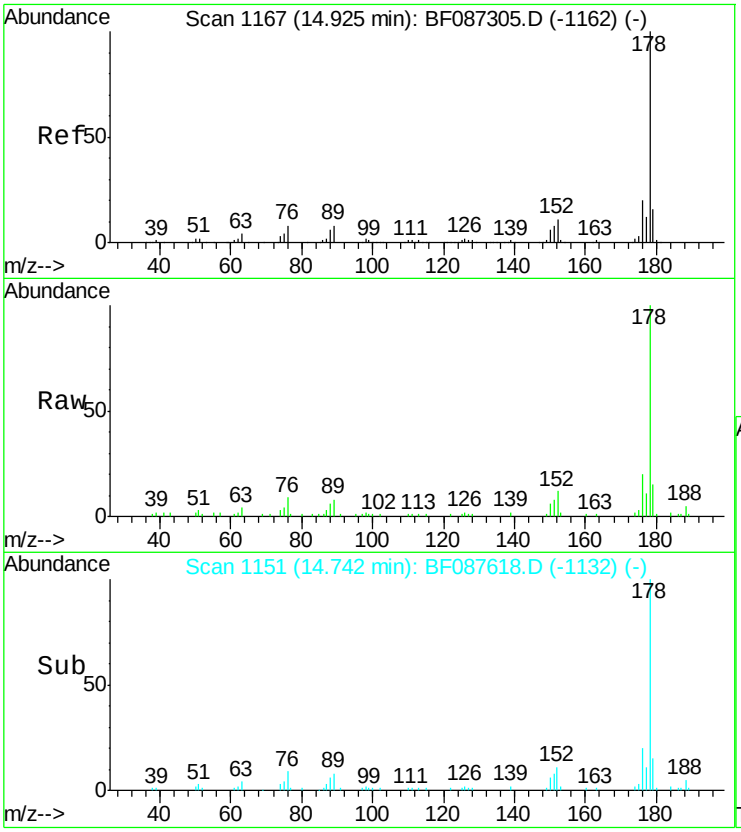


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.08 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Tgt Ion:188 Resp: 332665

Ion	Ratio	Lower	Upper
188	100		
94	10.1	6.8	10.2
80	11.3	7.1	10.7#



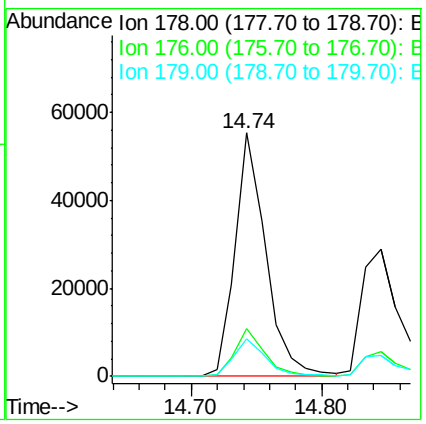


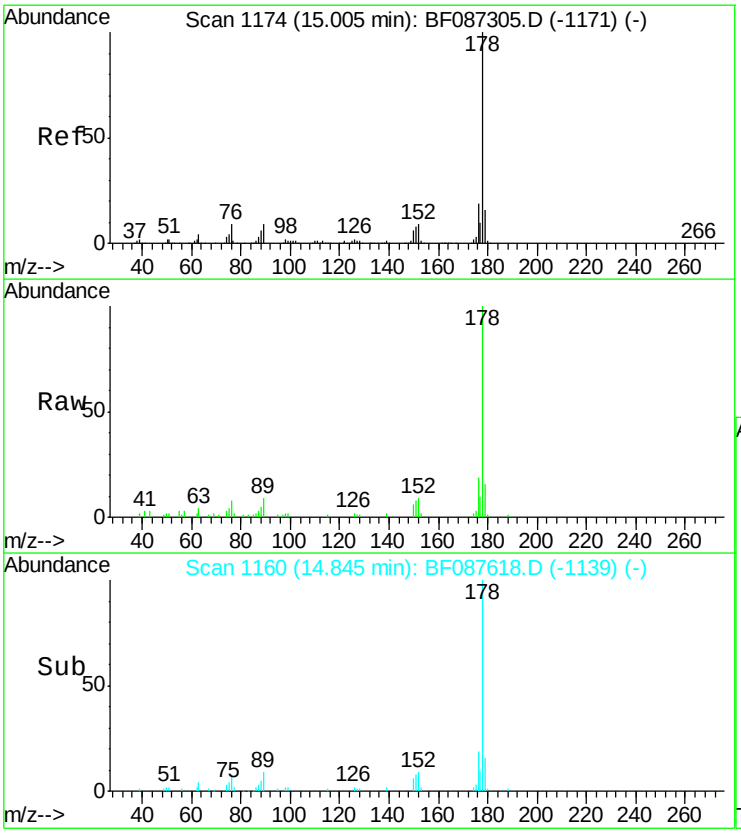
#70
Phenanthrene
Concen: 4.92 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.08 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)RE

Tgt Ion:178 Resp: 90635

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	15.2	12.6	18.8

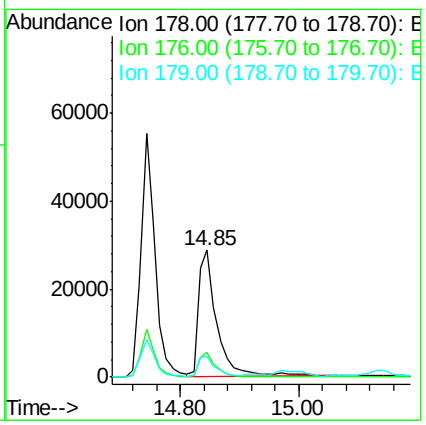


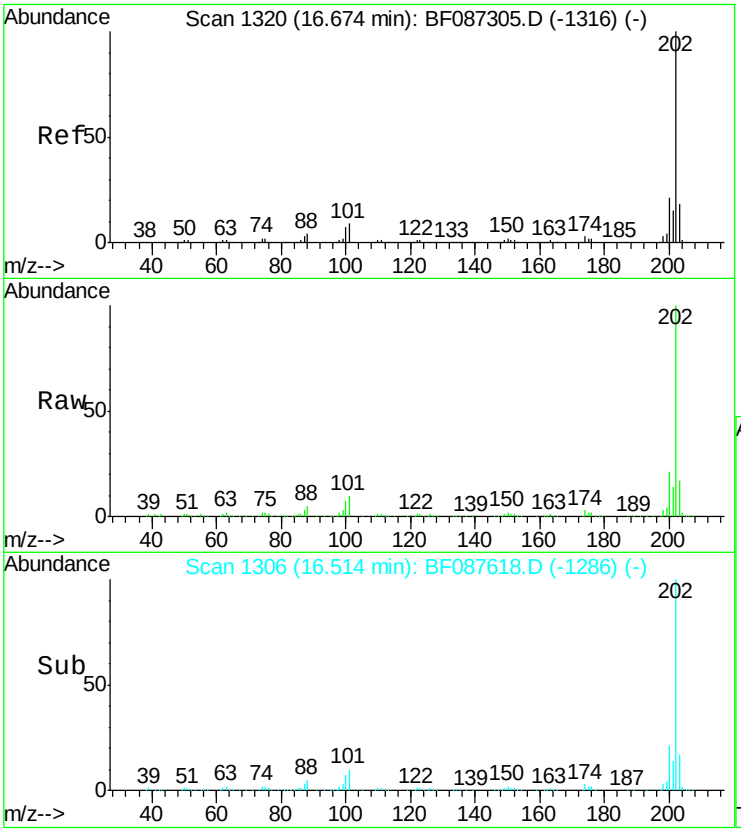


#71
Anthracene
Concen: 3.36 ng
RT: 14.85 min Scan# 1160
Delta R.T. -0.06 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Tgt Ion:178 Resp: 62478

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	16.4	12.7	19.1



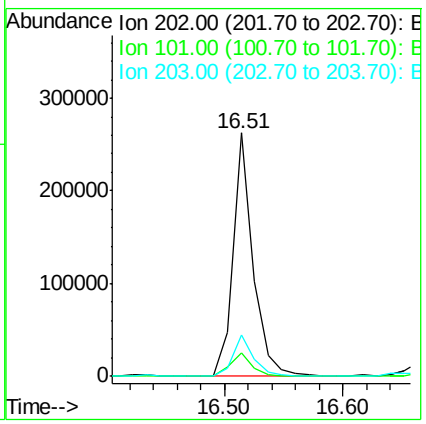


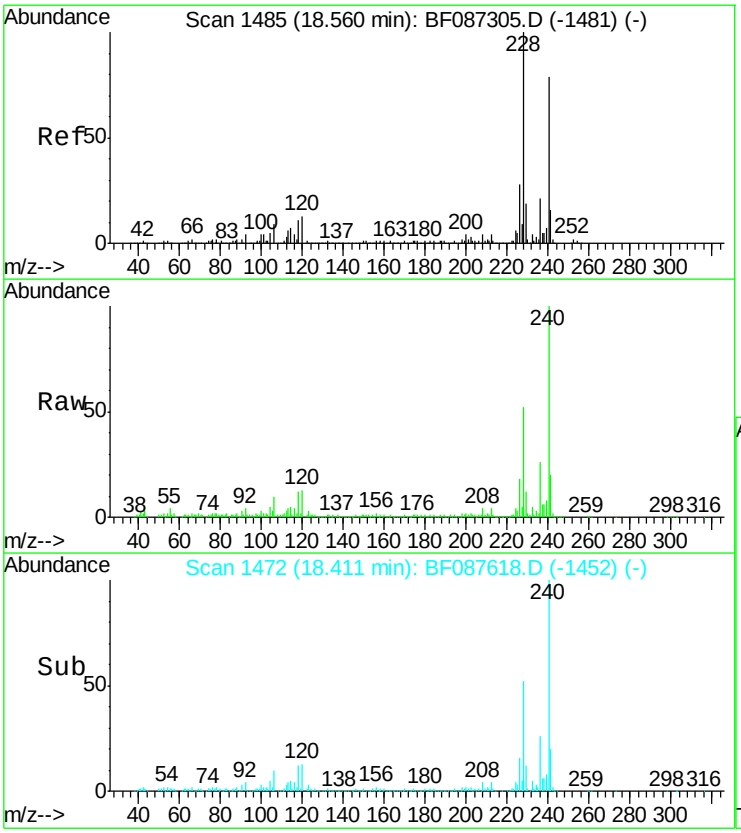
#74
Fluoranthene
Concen: 16.72 ng
RT: 16.51 min Scan# 1306
Delta R.T. -0.07 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)RE

Tgt Ion:202 Resp: 309019

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	35.4
203	17.1	0.0	38.1

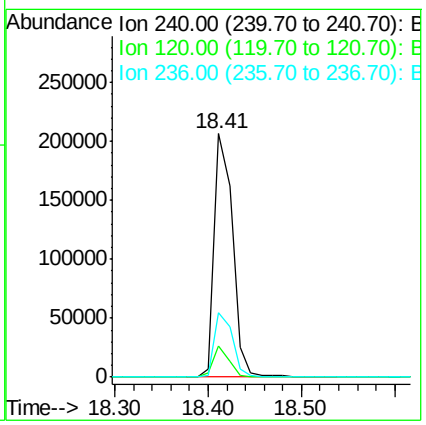


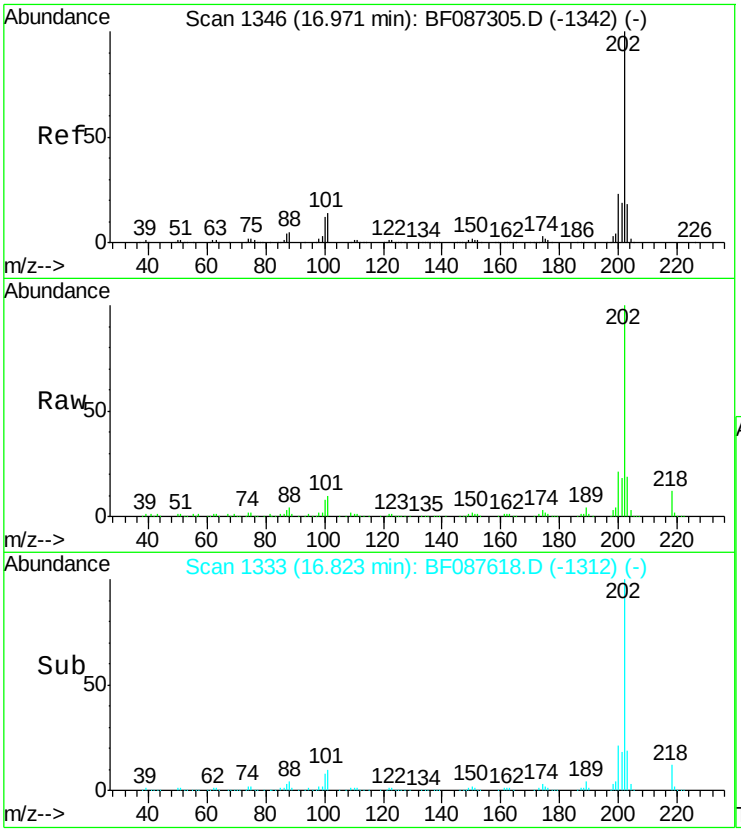


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.41 min Scan# 1472
Delta R.T. -0.07 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Tgt Ion:240 Resp: 281353

Ion	Ratio	Lower	Upper
240	100		
120	12.8	11.2	16.8
236	26.3	21.2	31.8



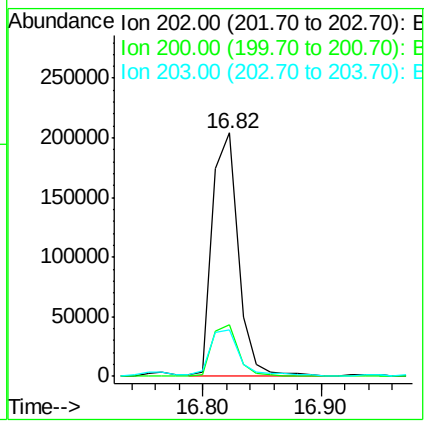


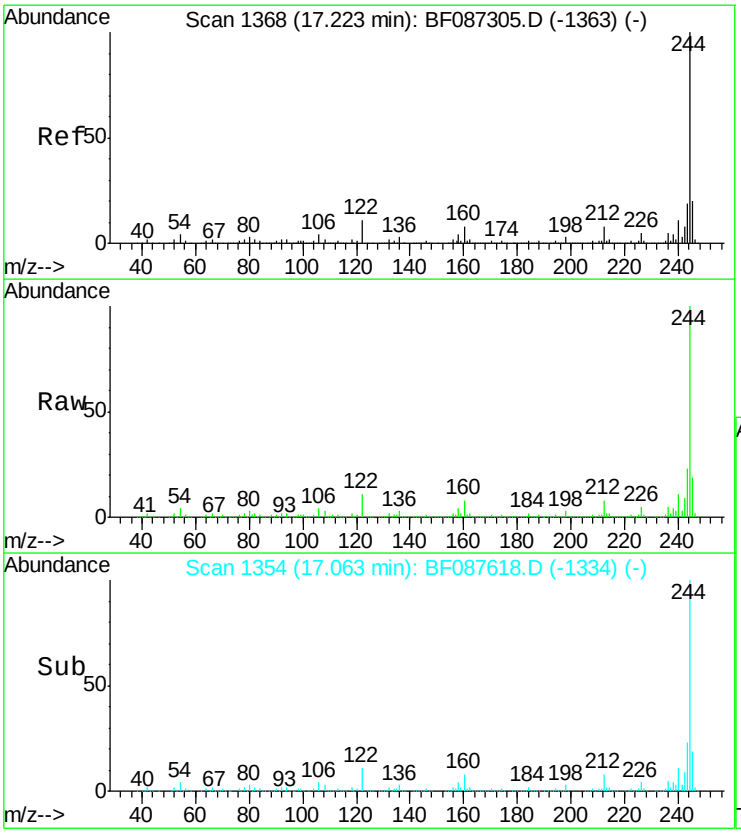
#77
Pyrene
Concen: 15.14 ng
RT: 16.82 min Scan# 1333
Delta R.T. -0.06 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)RE

Tgt Ion:202 Resp: 306581

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	19.0	14.2	21.4

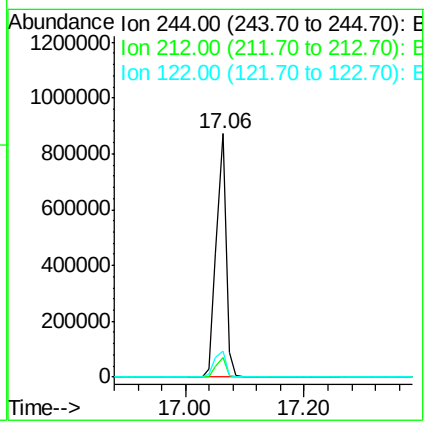


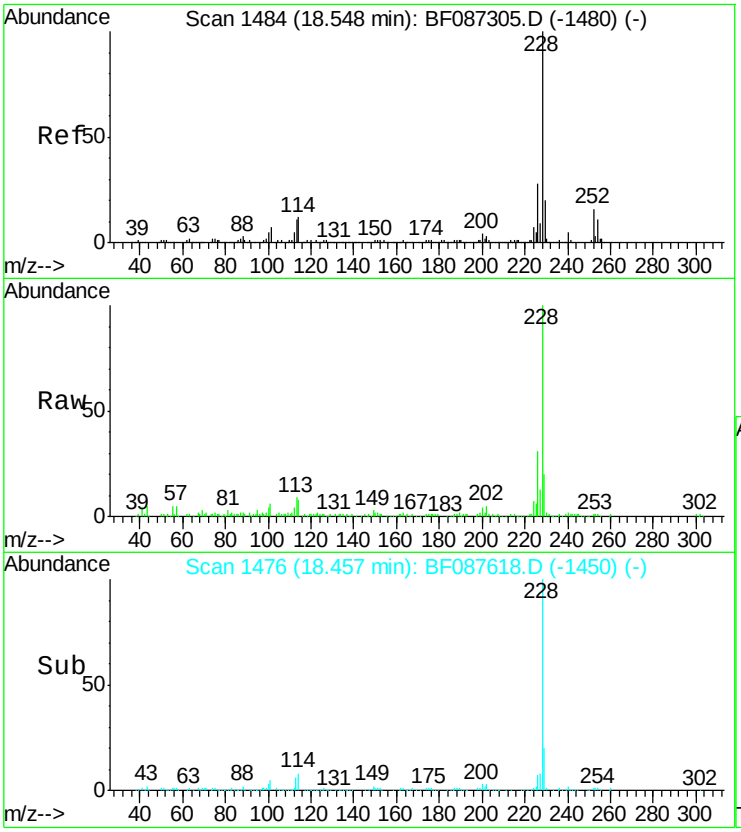


#78
Terphenyl-d14
Concen: 74.89 ng
RT: 17.06 min Scan# 1354
Delta R.T. -0.07 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Tgt Ion:244 Resp: 991051

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	10.6	12.0	18.0#



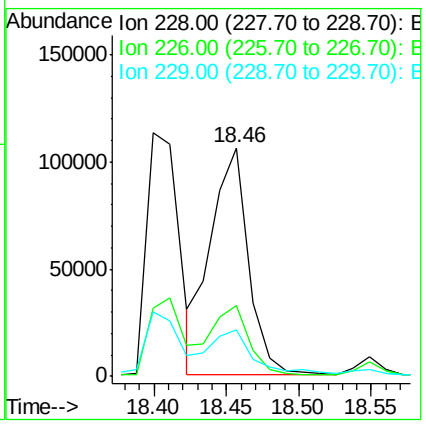


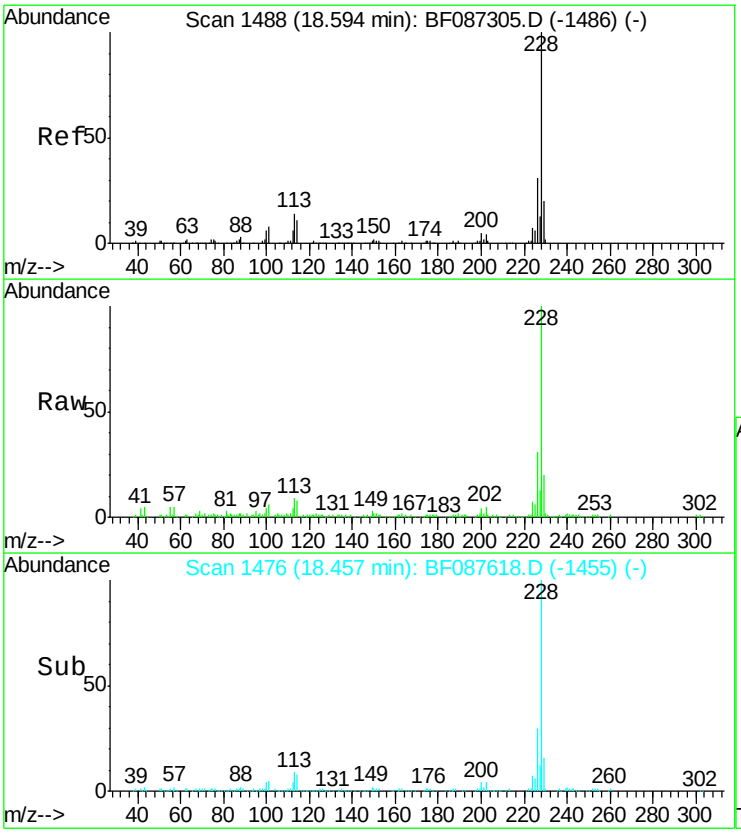
#80
Benzo(a)anthracene
Concen: 11.96 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)RE

Tgt Ion:228 Resp: 191464

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.5	33.7
229	20.1	16.6	25.0

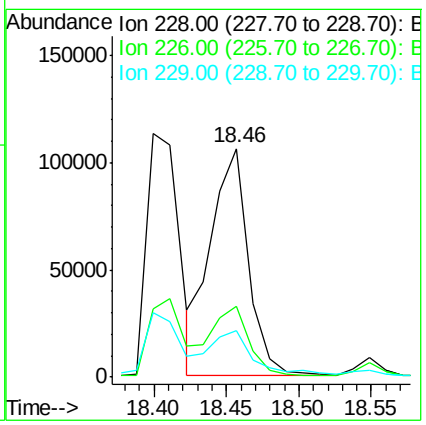


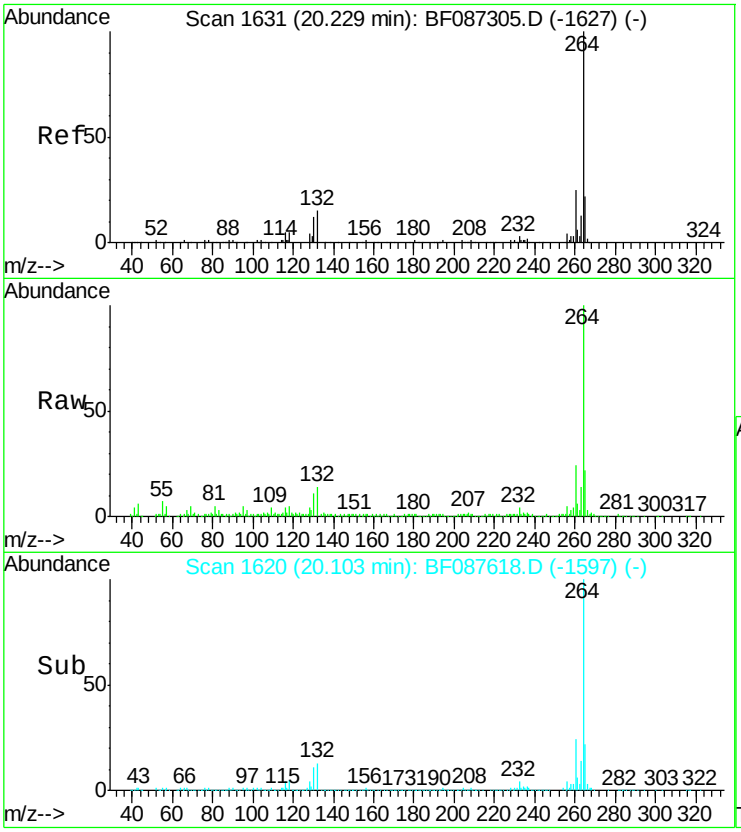


#82
Chrysene
Concen: 12.15 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.06 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Tgt Ion:228 Resp: 192983

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	20.1	15.8	23.8



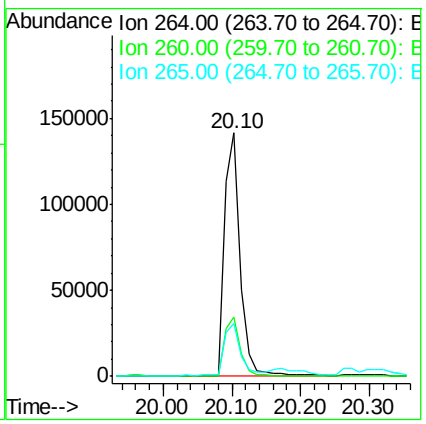


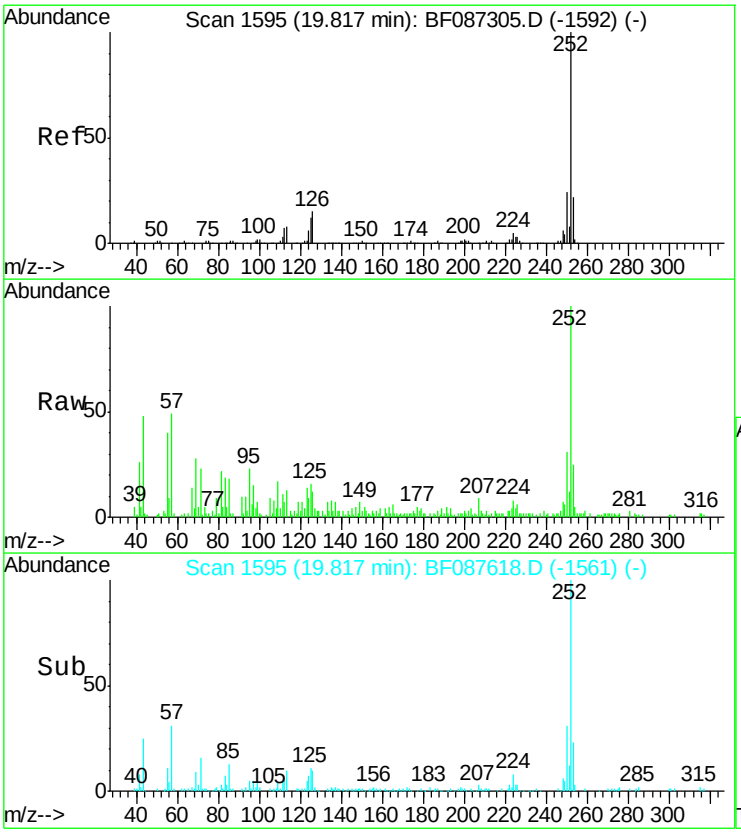
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.10 min Scan# 1620
Delta R.T. -0.03 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)RE

Tgt Ion:264 Resp: 228966

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.9	17.3	25.9

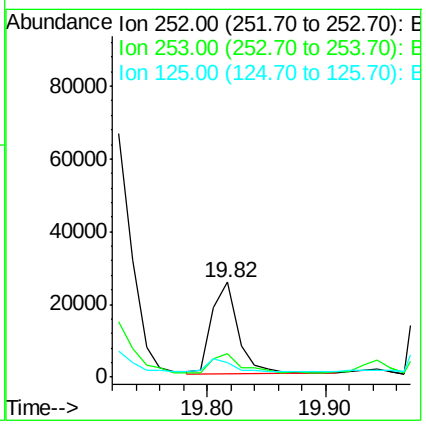


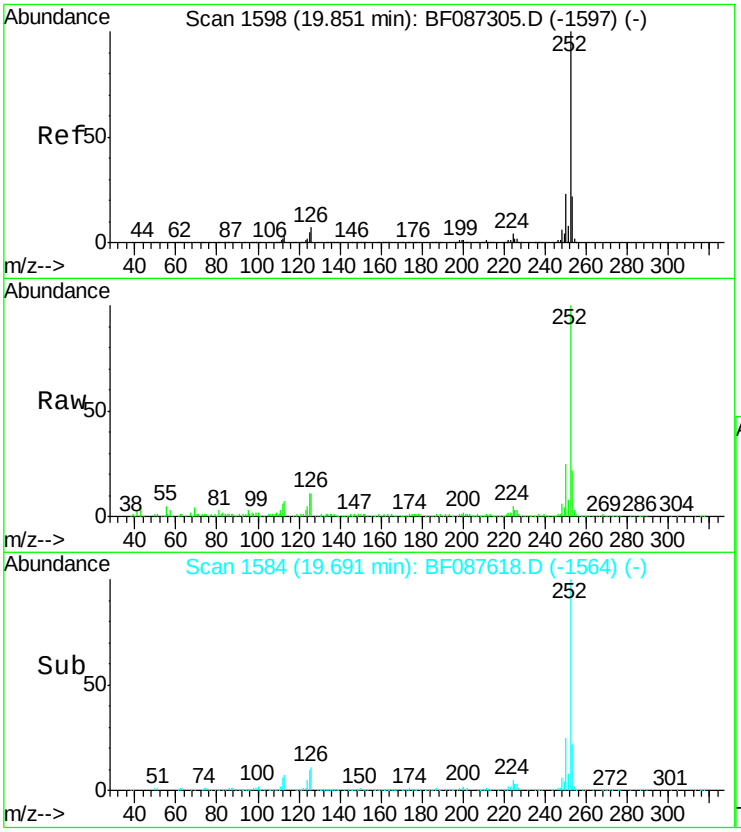


#87
Benzo(b)fluoranthene
Concen: 2.68 ng
RT: 19.82 min Scan# 1595
Delta R.T. 0.09 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Tgt Ion:252 Resp: 39054

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.8	26.6
125	15.8	11.4	17.0



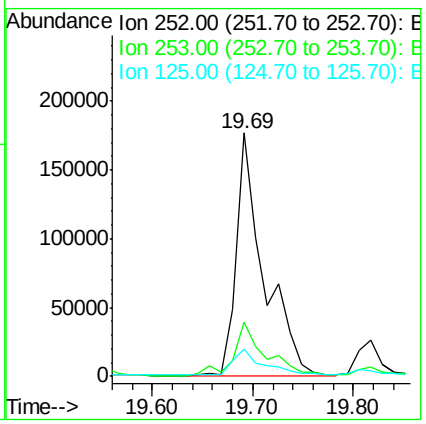


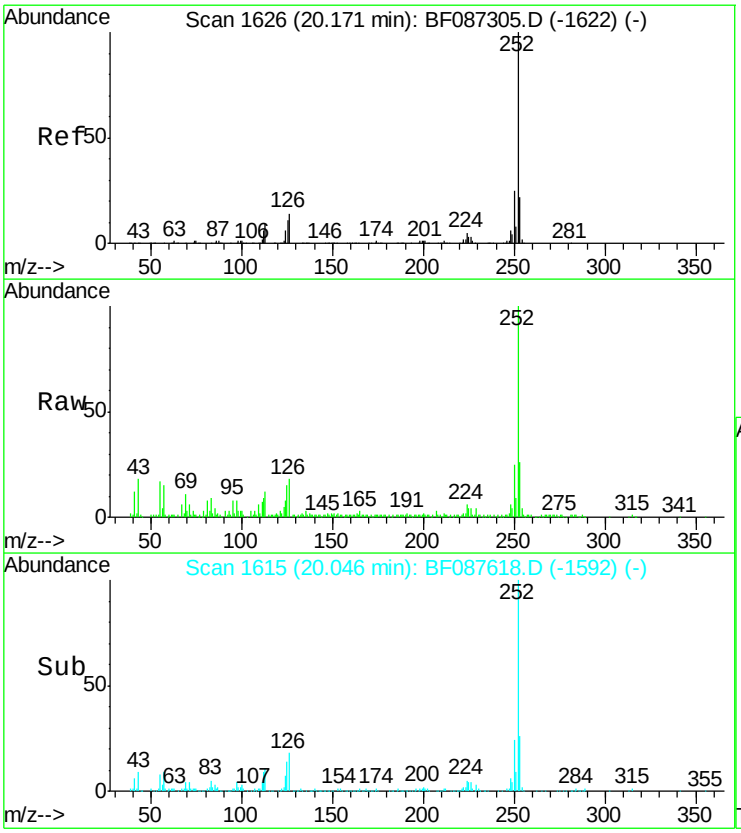
#88
Benzo(k)fluoranthene
Concen: 26.71 ng
RT: 19.69 min Scan# 1584
Delta R.T. -0.07 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)RE

Tgt Ion:252 Resp: 335266

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.0	9.1	13.7

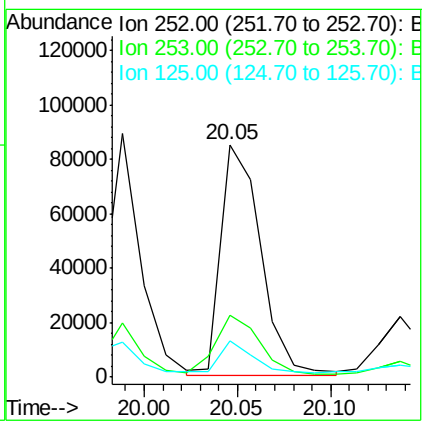


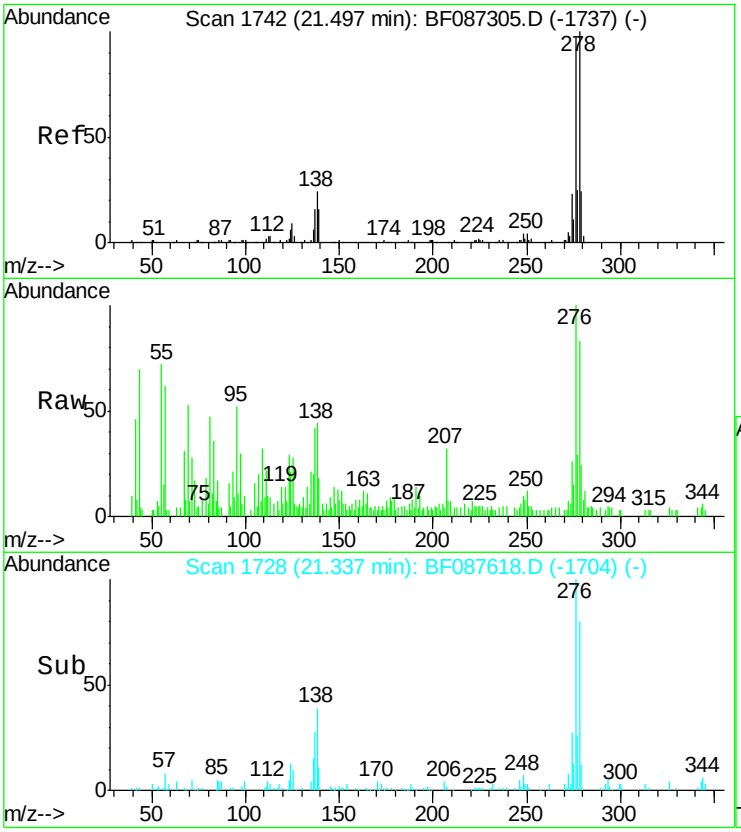


#89
Benzo(a)pyrene
Concen: 10.01 ng
RT: 20.05 min Scan# 1615
Delta R.T. -0.03 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Tgt Ion:252 Resp: 126301

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.2	25.8#
125	15.4	9.0	13.6#



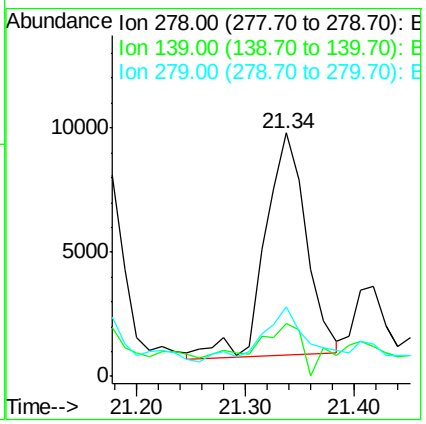


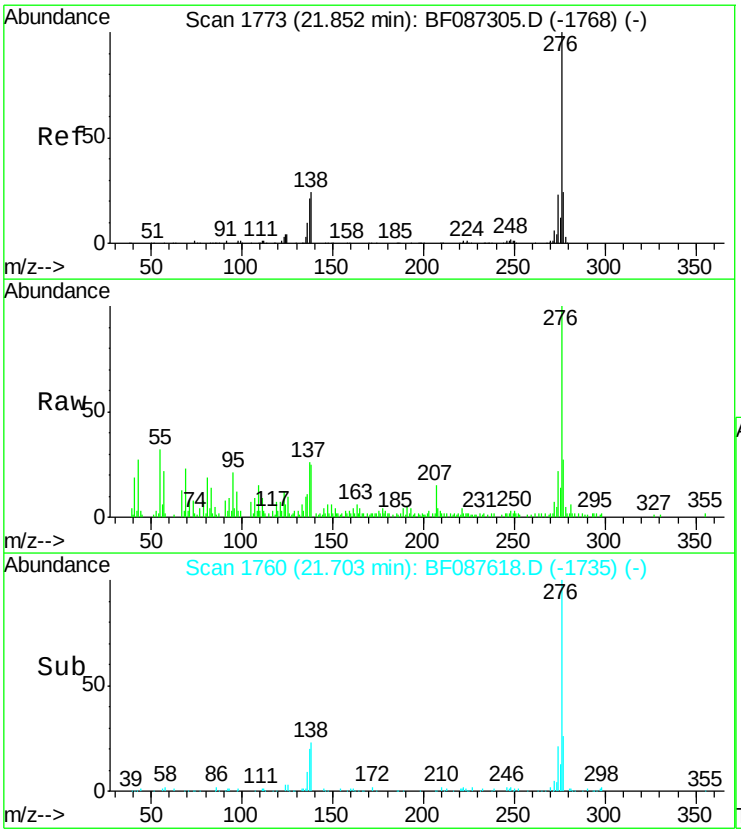
#90
Dibenzo(a,h)anthracene
Concen: 2.19 ng
RT: 21.34 min Scan# 1728
Delta R.T. -0.02 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1672(0-4)RE

Tgt Ion:278 Resp: 23562

Ion	Ratio	Lower	Upper
278	100		
139	21.8	16.6	24.8
279	28.6	19.6	29.4





#91
Benzo(g,h,i)perylene
Concen: 5.87 ng
RT: 21.70 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF087618.D
Acq: 1 Jun 2016 12:17

Tgt Ion:276 Resp: 62269

Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.6	29.4
138	25.3	23.6	35.4