Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089631.D
Acq On : 5 Aug 2016 15:29
Operator : UM/SJ
Sample : H4292-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUPC-072716

Quant Time: Aug 05 23:03:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	54036	20.00	ng		-0.01
21) Naphthalene-d8	9.46	136	223736	20.00	ng		-0.01
38) Acenaphthene-d10	12.29	164	101190	20.00	ng		-0.01
63) Phenanthrene-d10	14.69	188	174145	20.00	ng		-0.01
75) Chrysene-d12	18.39	240	104015	20.00	ng		0.00
86) Perylene-d12	20.05	264	107952	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	306620	95.11	ng		0.02
7) Phenol-d6	6.99	99	427243	97.69	ng		0.01
23) Nitrobenzene-d5	8.35	82	264698	65.44	ng		-0.01
41) 2,4,6-Tribromophenol	13.58	330	77082	92.31	ng		-0.01
44) 2-Fluorobiphenyl	11.24	172	448752	57.64	ng		-0.01
78) Terphenyl-d14	17.05	244	282021	53.53	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.35	70	32244	10.21	ng	#	80
49) Dimethylphthalate	11.94	163	116452	14.68	ng		100
55) 4-Nitrophenol	12.64	139	667	7.17	ng	#	21
70) Phenanthrene	14.72	178	79108	8.35	ng		99
71) Anthracene	14.72	178	79108	7.79	ng		99
74) Fluoranthene	16.49	202	148267	15.23	ng		96
77) Pyrene	16.79	202	119472	12.99	ng		96
80) Benzo(a)anthracene	18.42	228	47237	7.90	ng		93
82) Chrysene	18.42	228	47237	7.53	ng		96
85) Indeno(1,2,3-cd)pyrene	21.23	276	35779	7.52	ng		94
87) Benzo(b)fluoranthene	19.65	252	96000	14.46	ng	#	95
88) Benzo(k)fluoranthene	19.65	252	96000	14.33	ng		98
89) Benzo(a)pyrene	19.99	252	51851	8.34	ng	#	92
91) Benzo(g,h,i)perylene	21.57	276	37216	6.26	ng		99

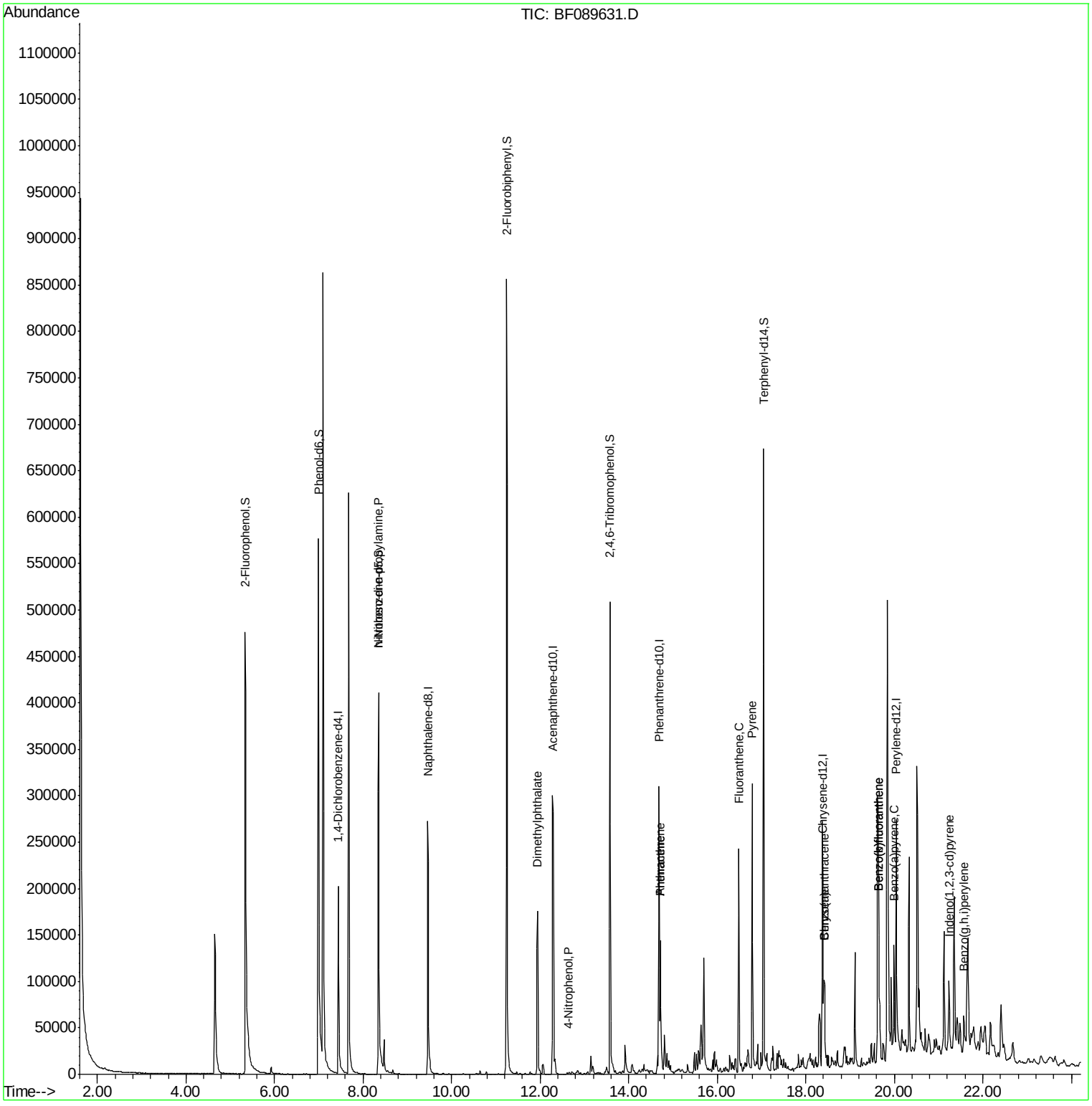
(#) = qualifier out of range (m) = manual integration (+) = signals summed

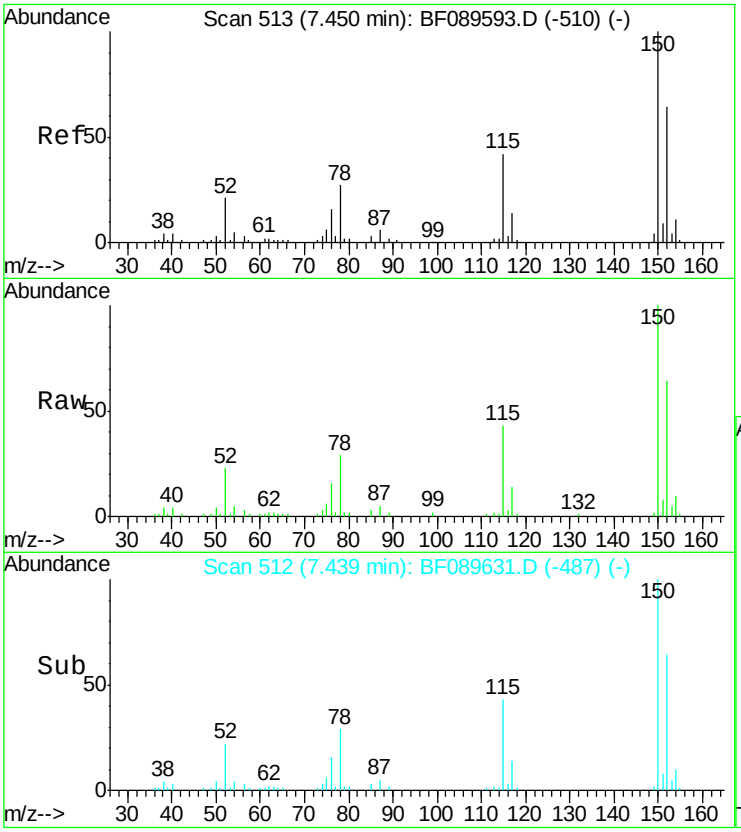
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089631.D
Acq On : 5 Aug 2016 15:29
Operator : UM/SJ
Sample : H4292-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUPC-072716

Quant Time: Aug 05 23:03:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration



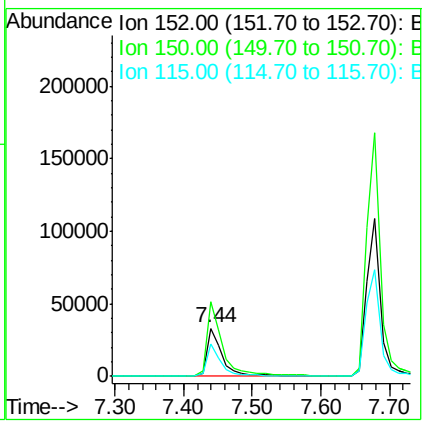


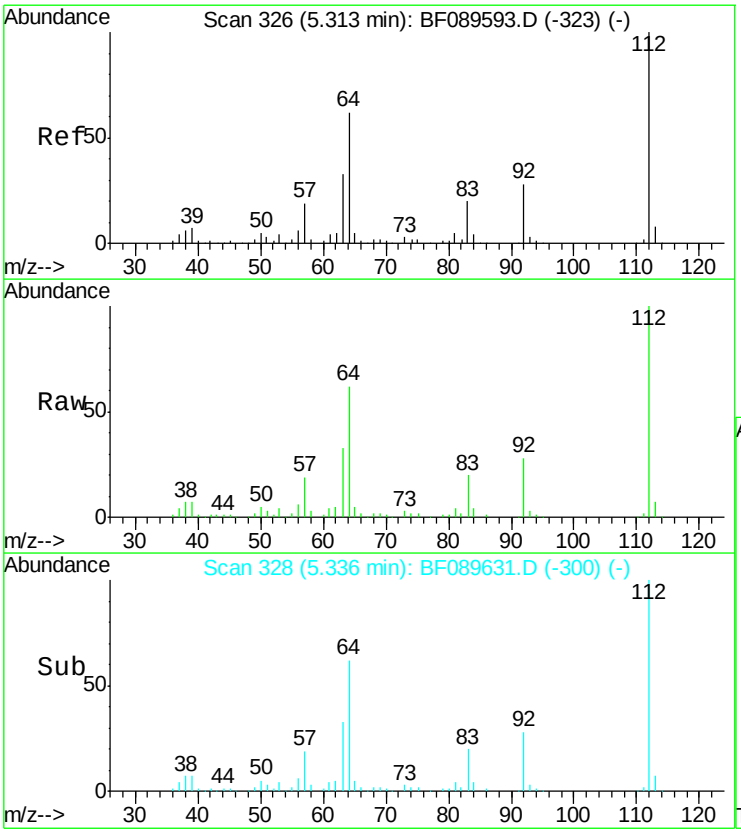
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :
DUPC-072716

Tgt Ion:152 Resp: 54036

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.5	188.3
115	66.5	52.0	78.0

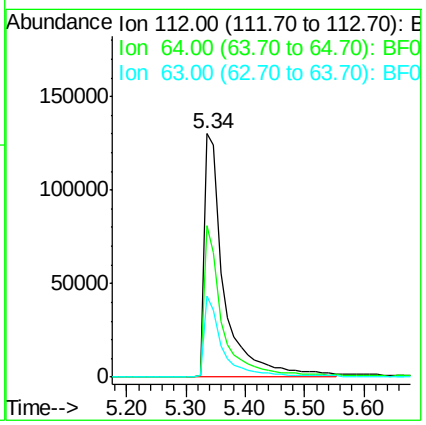


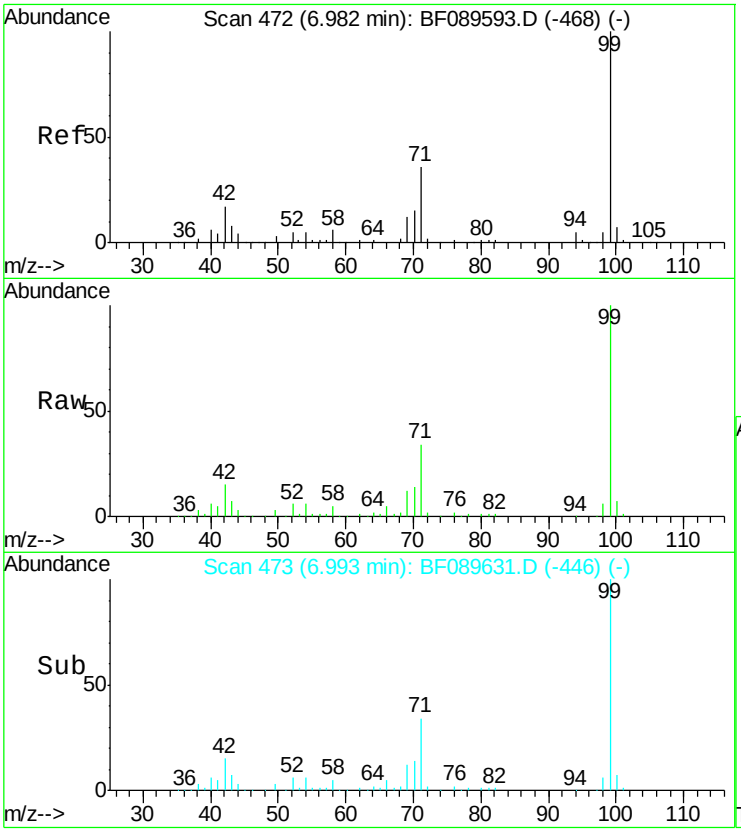


#5
2-Fluorophenol
Concen: 95.11 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.02 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Tgt Ion:112 Resp: 306620

Ion	Ratio	Lower	Upper
112	100		
64	62.1	49.9	74.9
63	33.2	26.1	39.1



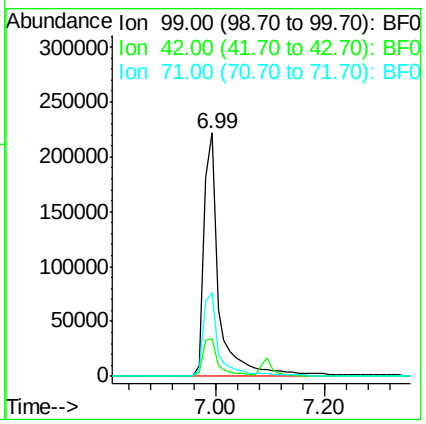


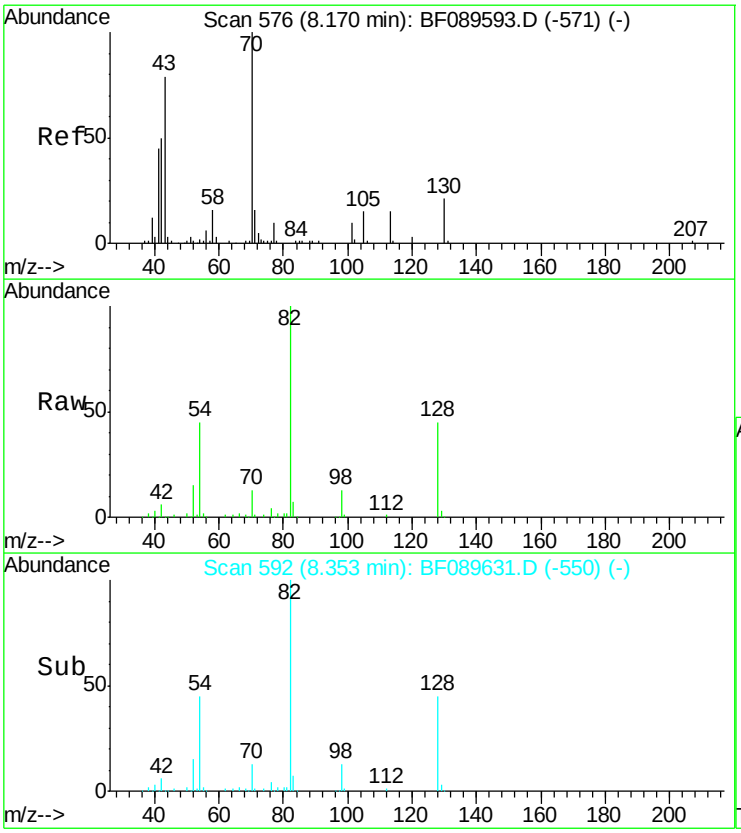
#7
Phenol-d6
Concen: 97.69 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.01 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :
DUPC-072716

Tgt Ion: 99 Resp: 427243

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.7	20.5
71	34.3	29.0	43.4

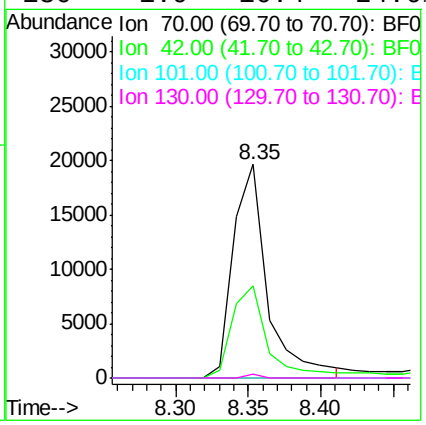


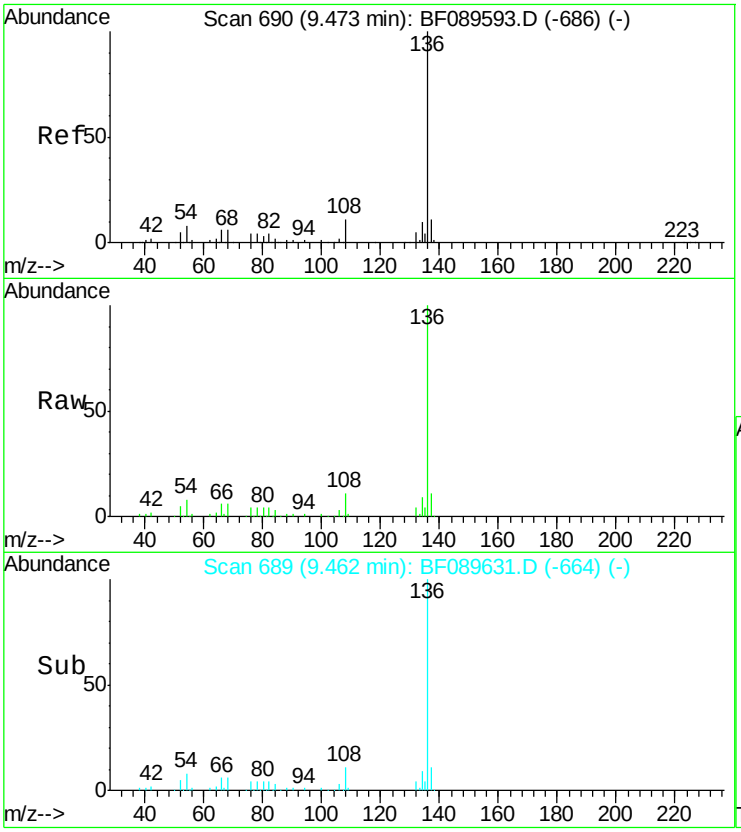


#19
n-Nitroso-di-n-propylamine
Concen: 10.21 ng
RT: 8.35 min Scan# 592
Delta R.T. 0.18 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Tgt Ion: 70 Resp: 32244

Ion	Ratio	Lower	Upper
70	100		
42	43.0	40.2	60.2
101	0.0	7.8	11.6#
130	1.9	16.4	24.6#



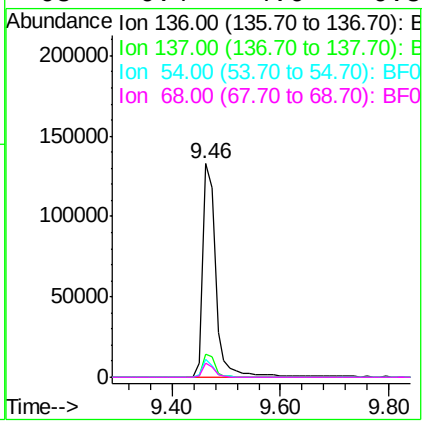


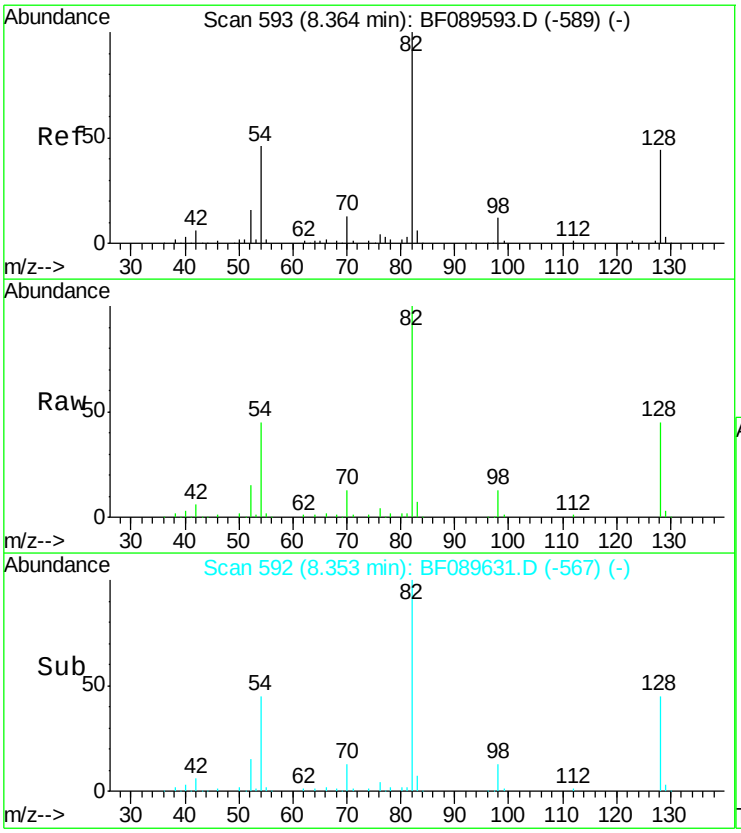
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :
DUPC-072716

Tgt Ion:136 Resp: 223736

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.4	6.0	9.0
68	6.4	4.6	6.8

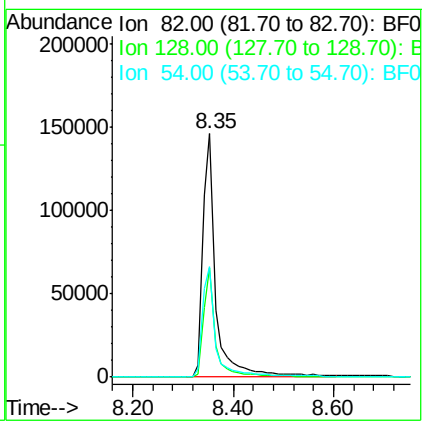


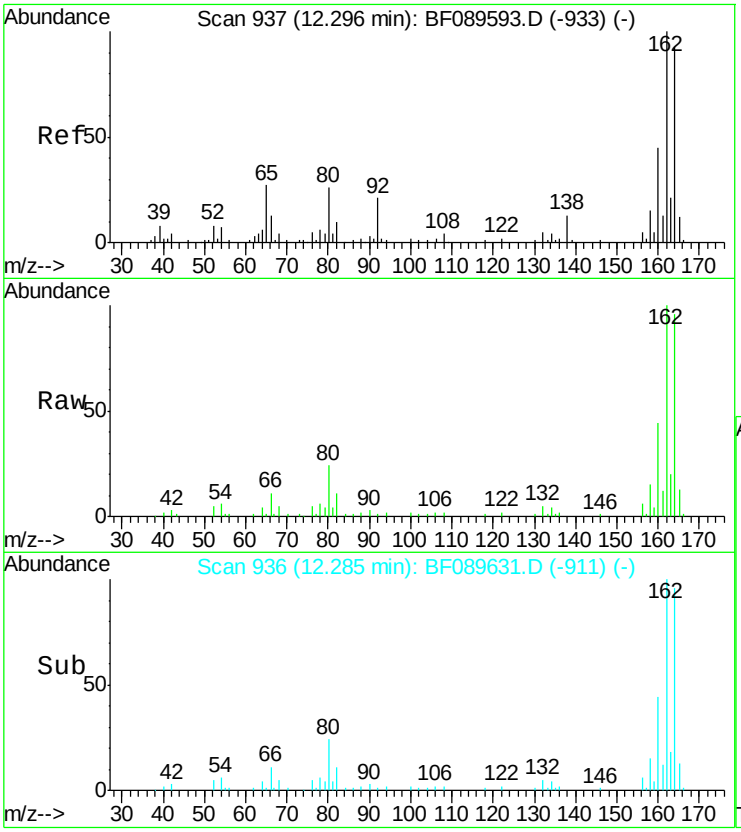


#23
Nitrobenzene-d5
Concen: 65.44 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Tgt Ion: 82 Resp: 264698

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.4	53.0
54	45.4	36.4	54.6



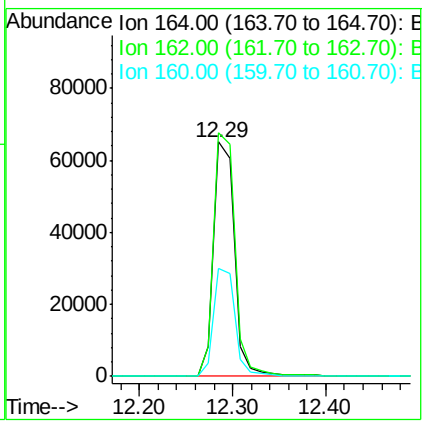


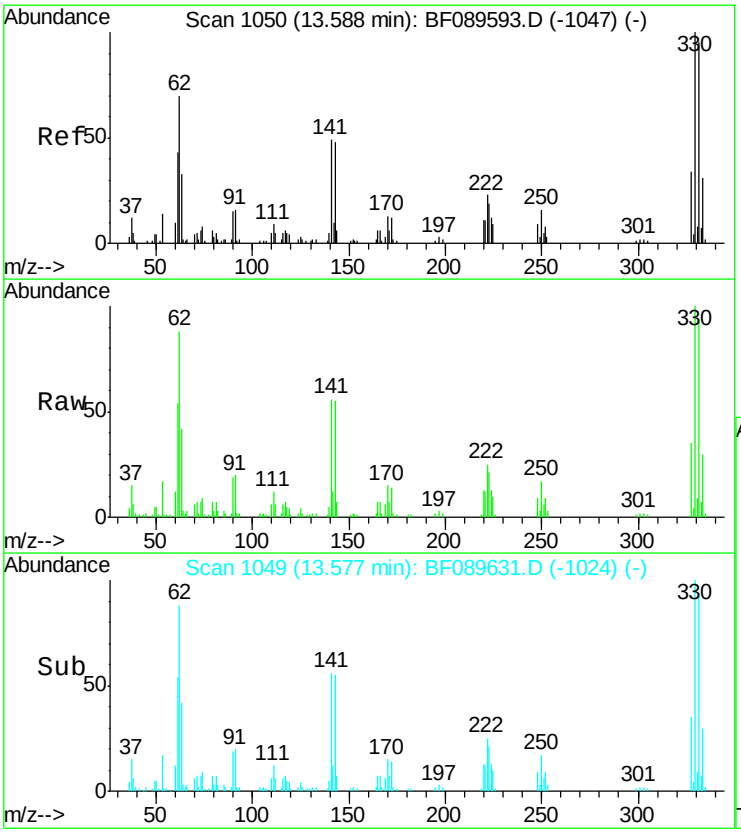
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.29 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :
DUPC-072716

Tgt Ion:164 Resp: 101190

Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.7	128.5
160	45.9	38.2	57.4

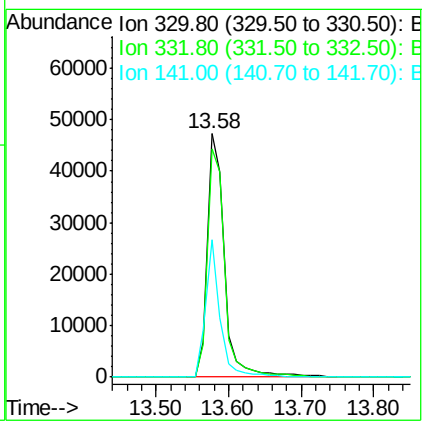


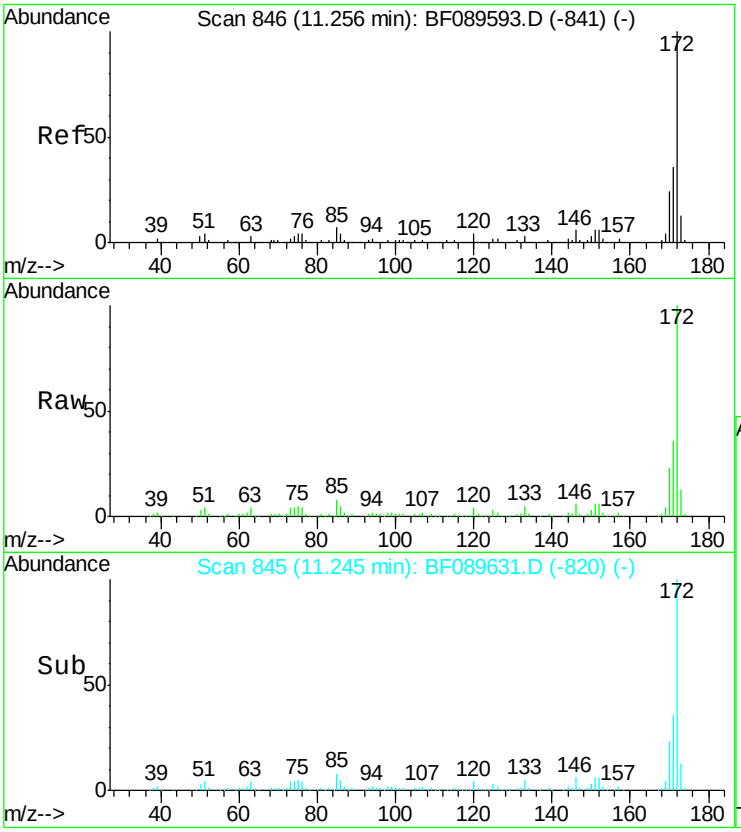


#41
2,4,6-Tribromophenol
Concen: 92.31 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Tgt Ion:330 Resp: 77082

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	47.7	38.6	57.8



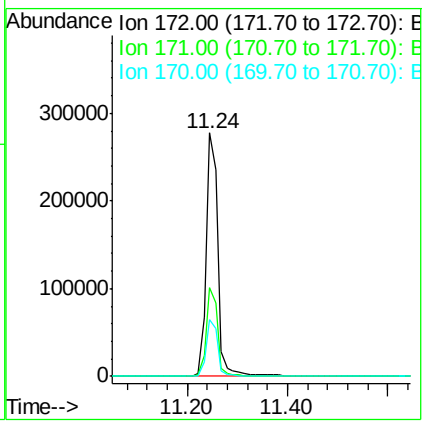


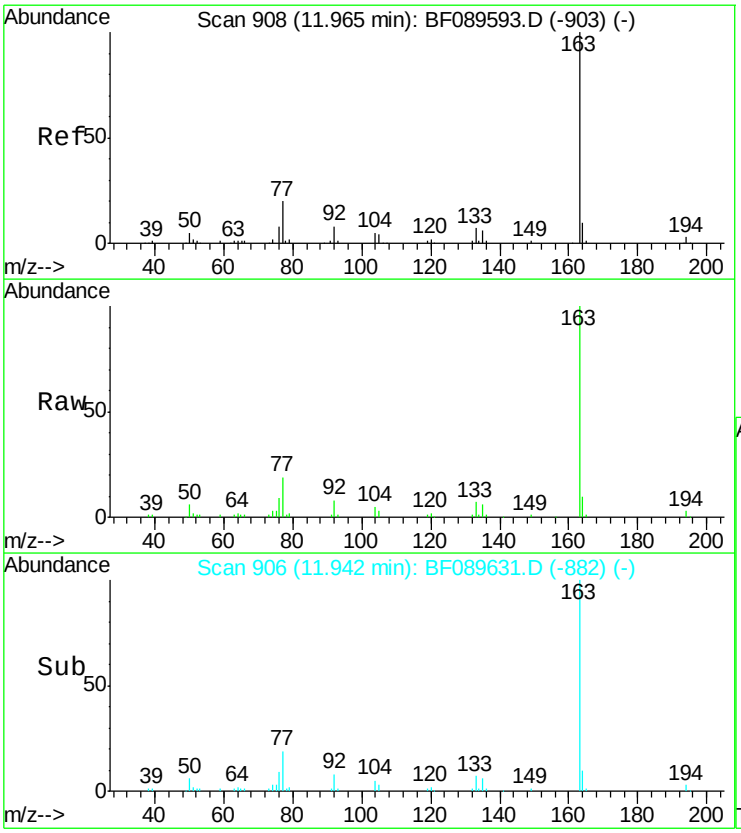
#44
2-Fluorobiphenyl
Concen: 57.64 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :
DUPC-072716

Tgt Ion:172 Resp: 448752

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	23.3	19.0	28.6

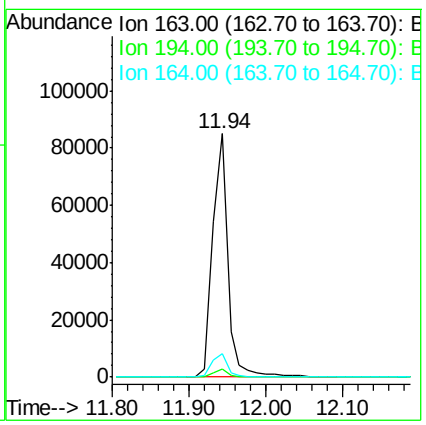


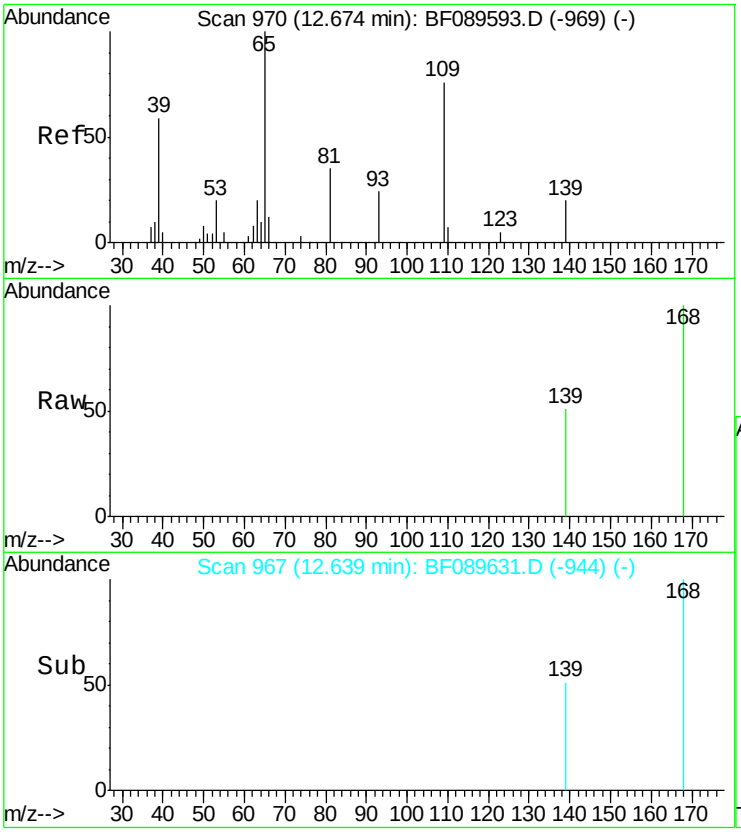


#49
Dimethylphthalate
Concen: 14.68 ng
RT: 11.94 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Tgt Ion:163 Resp: 116452

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.6	7.8	11.6



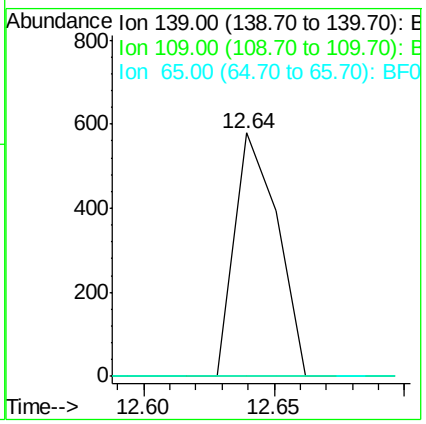


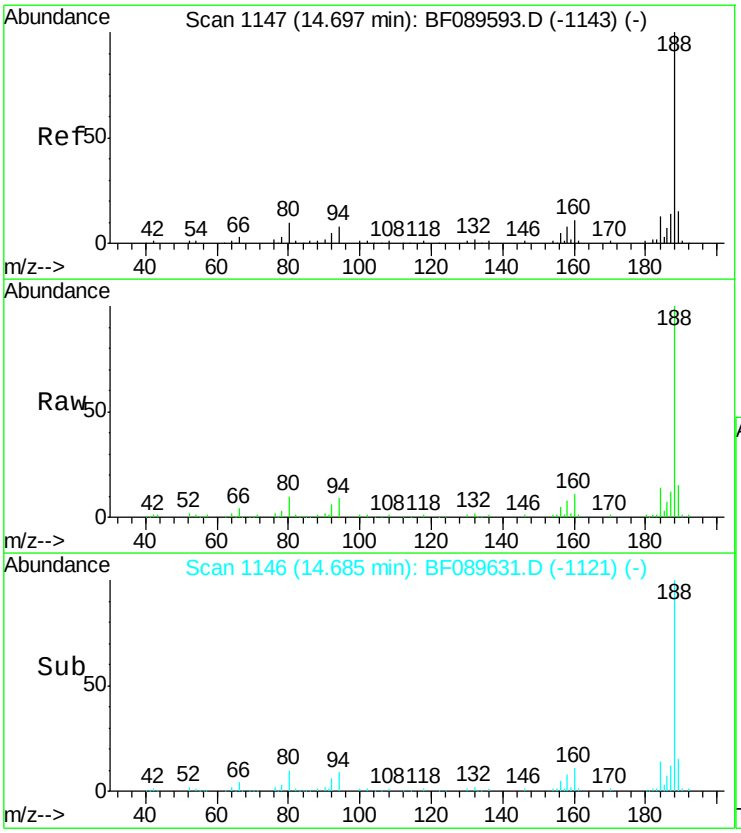
#55
4-Nitrophenol
Concen: 7.17 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.03 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :
DUPC-072716

Tgt Ion:139 Resp: 667

Ion	Ratio	Lower	Upper
139	100		
109	0.0	28.9	68.9#
65	0.0	49.2	89.2#

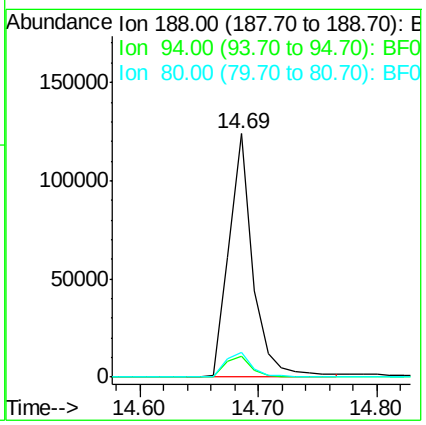


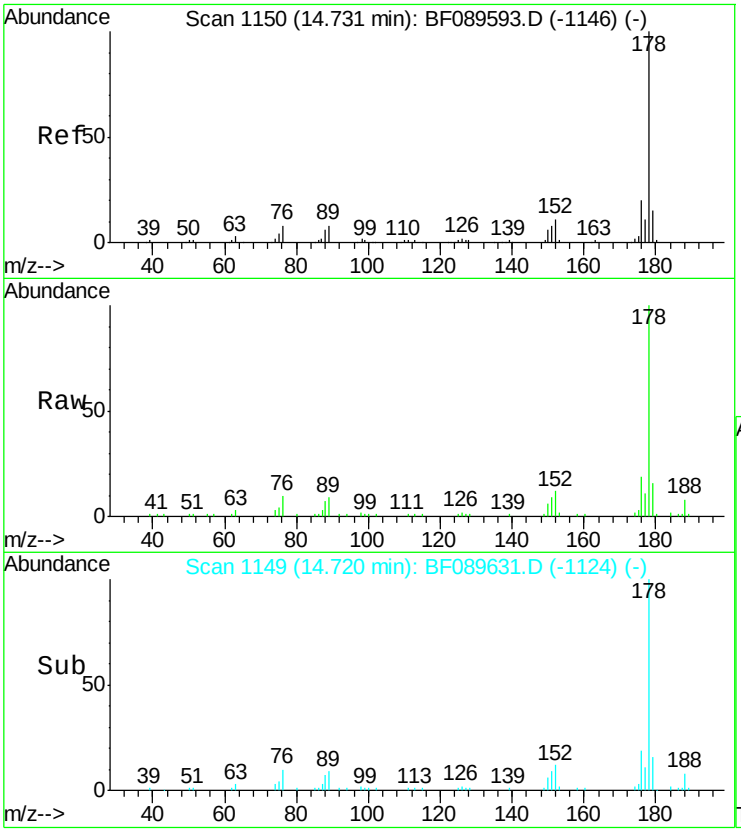


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Tgt Ion:188 Resp: 174145

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.5	9.7
80	10.4	8.0	12.0



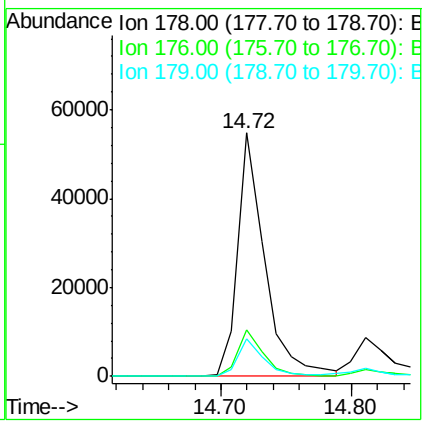


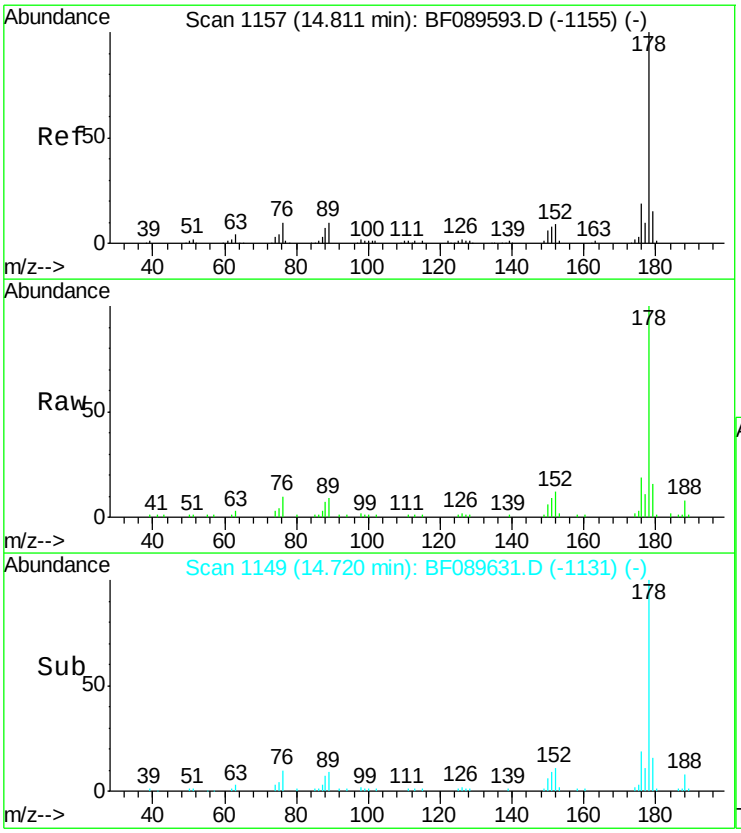
#70
Phenanthrene
Concen: 8.35 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :
DUPC-072716

Tgt Ion:178 Resp: 79108

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.6	12.2	18.2

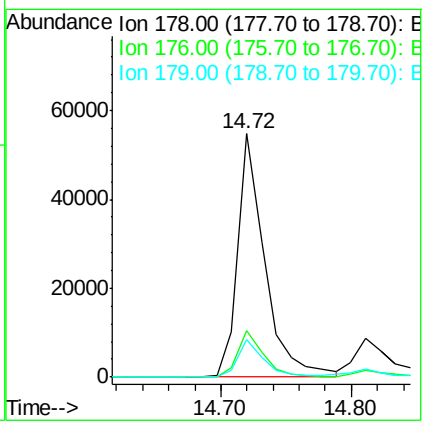


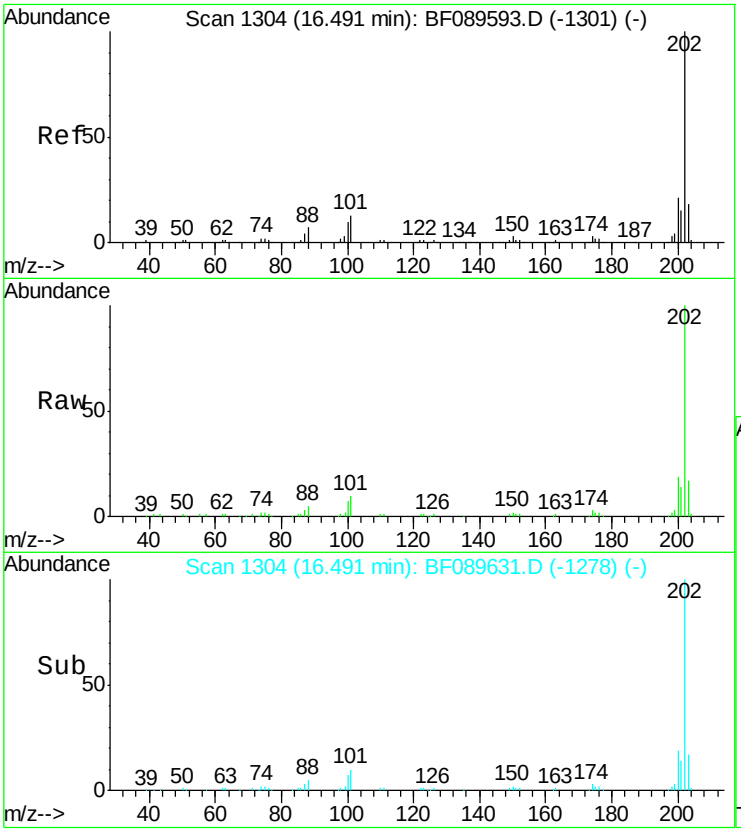


#71
Anthracene
Concen: 7.79 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.09 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Tgt Ion:178 Resp: 79108

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	15.6	12.4	18.6



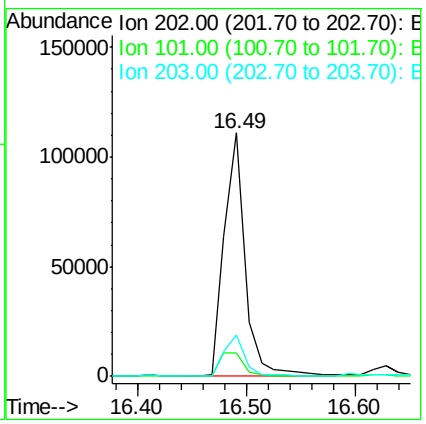


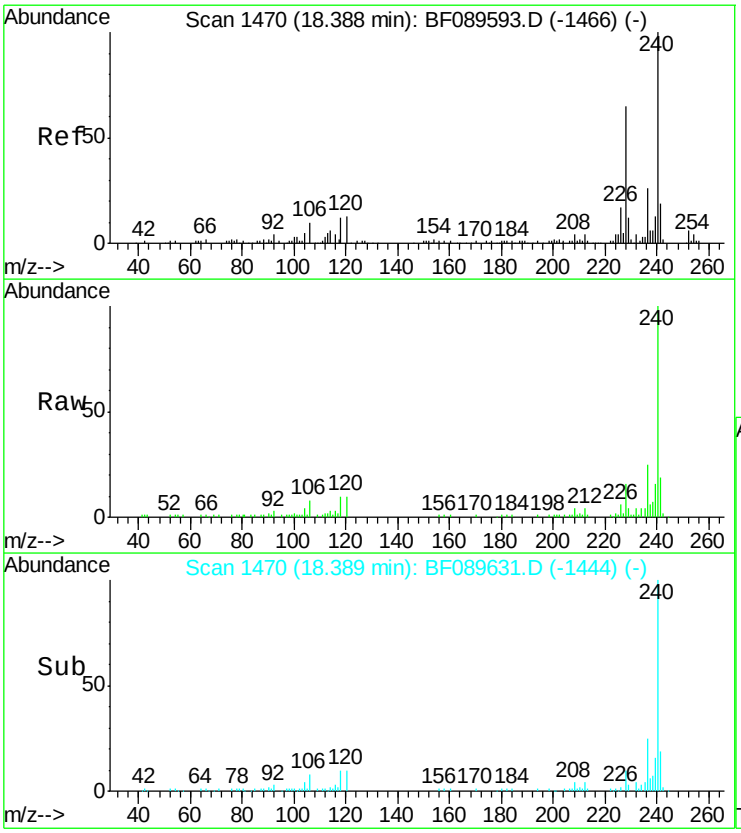
#74
Fluoranthene
Concen: 15.23 ng
RT: 16.49 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :
DUPC-072716

Tgt Ion:202 Resp: 148267

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	32.7
203	16.9	0.0	37.8

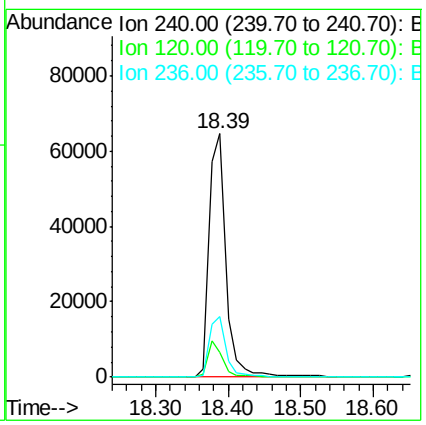


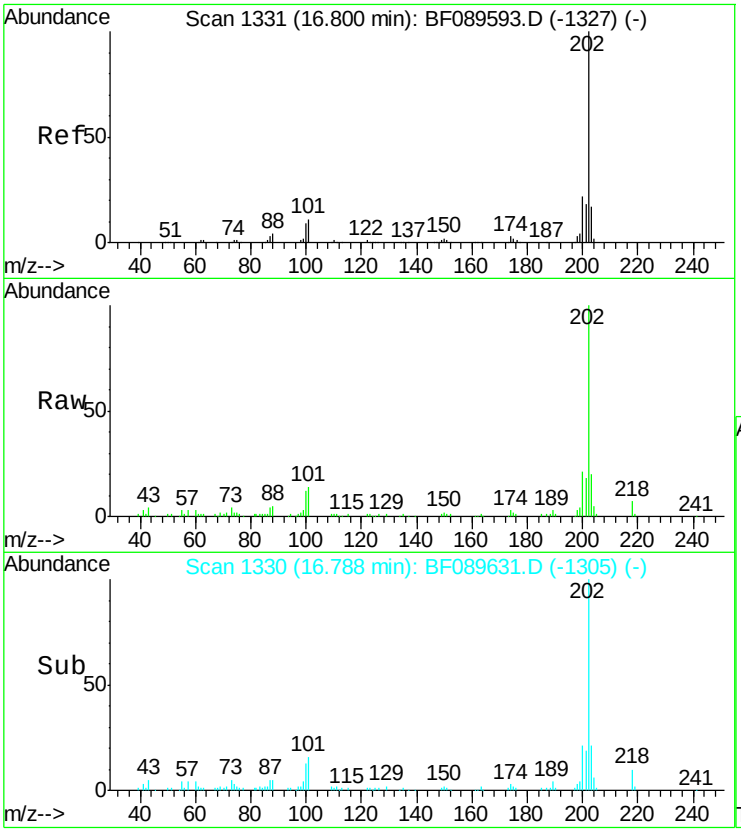


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Tgt Ion:240 Resp: 104015

Ion	Ratio	Lower	Upper
240	100		
120	10.1	10.6	15.8#
236	25.1	20.6	30.8



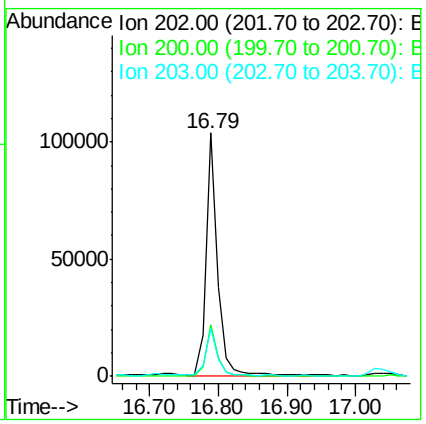


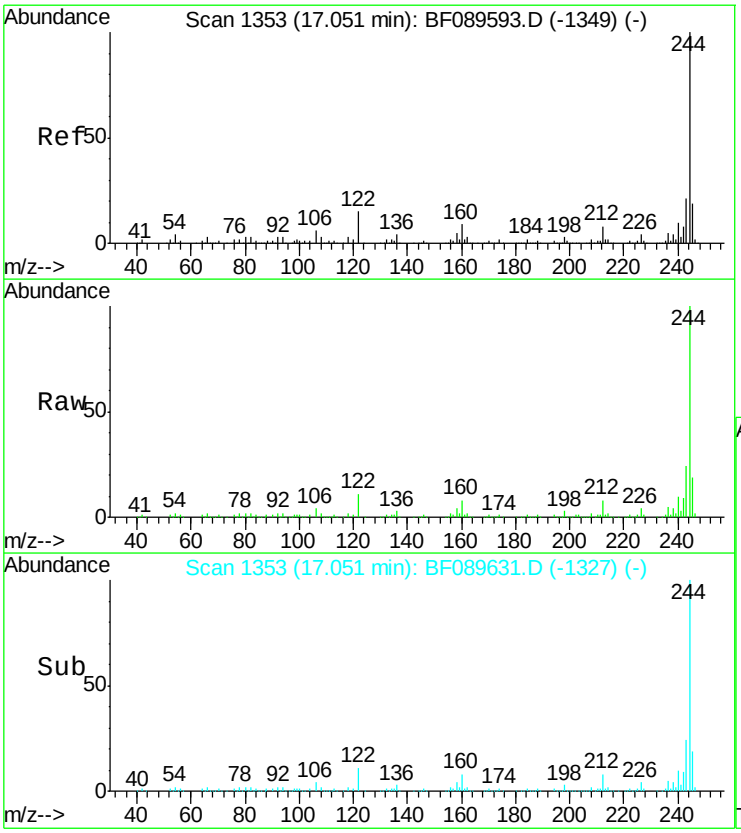
#77
Pyrene
Concen: 12.99 ng
RT: 16.79 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :
DUPC-072716

Tgt Ion:202 Resp: 119472

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.0
203	19.9	13.6	20.4

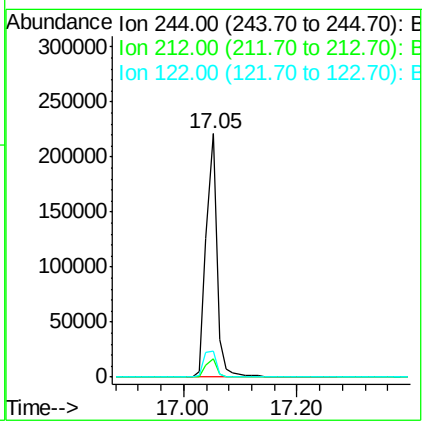


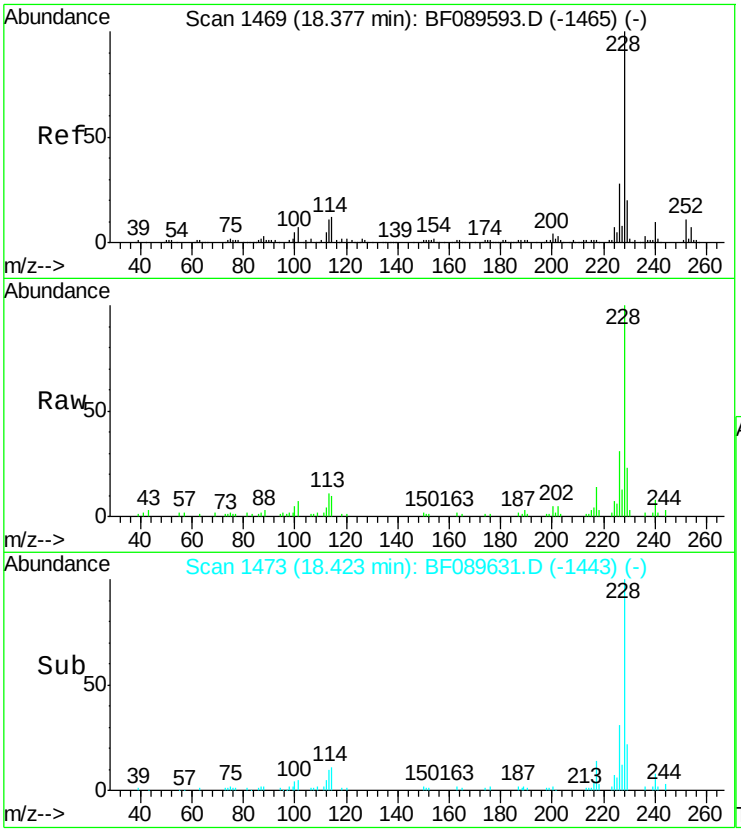


#78
Terphenyl-d14
Concen: 53.53 ng
RT: 17.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Tgt Ion:244 Resp: 282021

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	10.7	12.2	18.2#



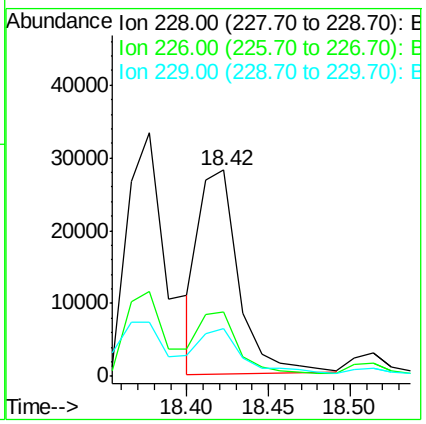


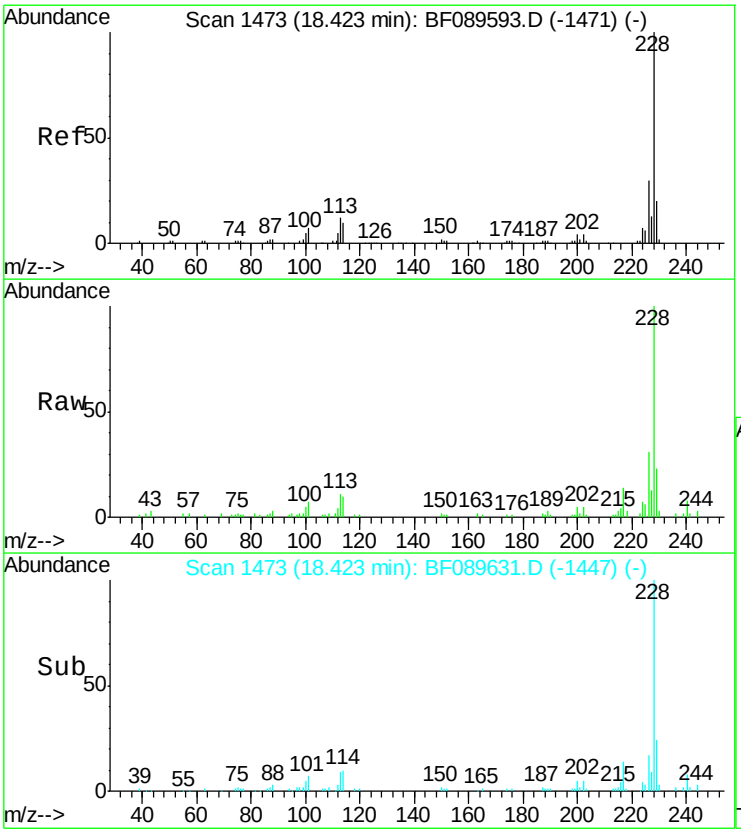
#80
Benzo(a)anthracene
Concen: 7.90 ng
RT: 18.42 min Scan# 1473
Delta R.T. 0.05 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :
DUPC-072716

Tgt Ion:228 Resp: 47237

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.3	33.5
229	23.5	15.9	23.9

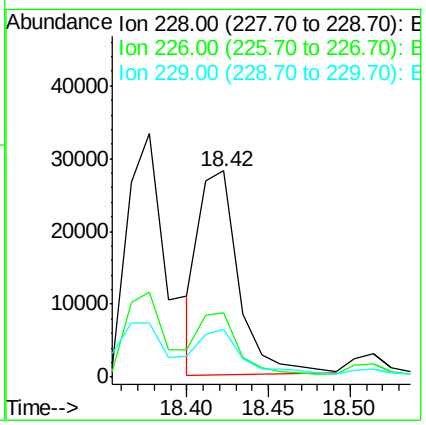


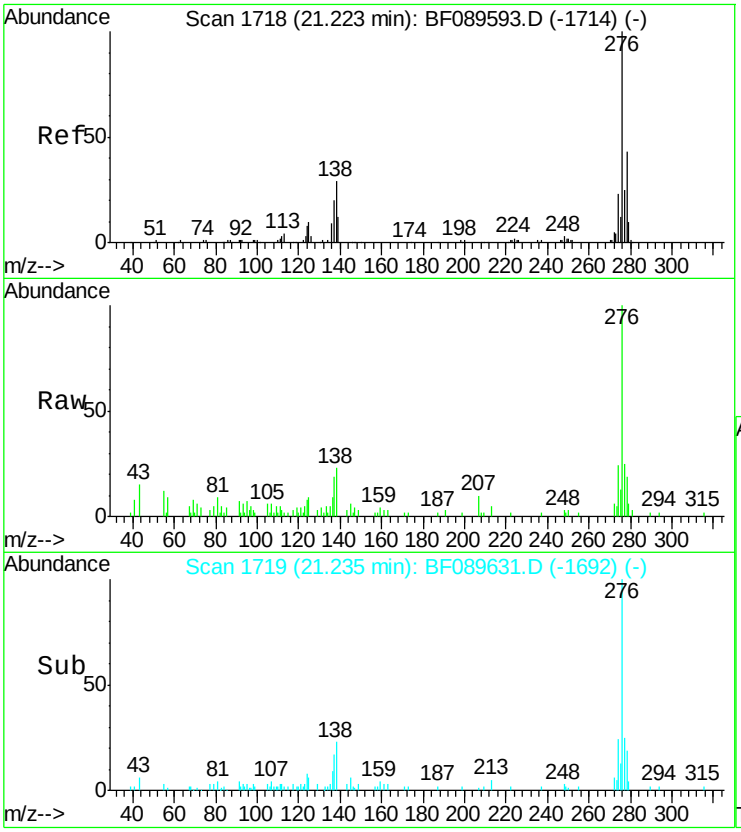


#82
Chrysene
Concen: 7.53 ng
RT: 18.42 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Tgt Ion:228 Resp: 47237

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.2	36.2
229	23.5	16.0	24.0



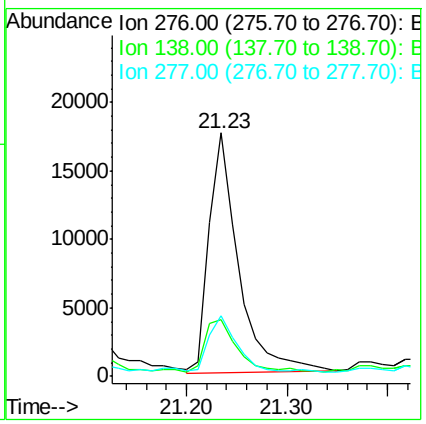


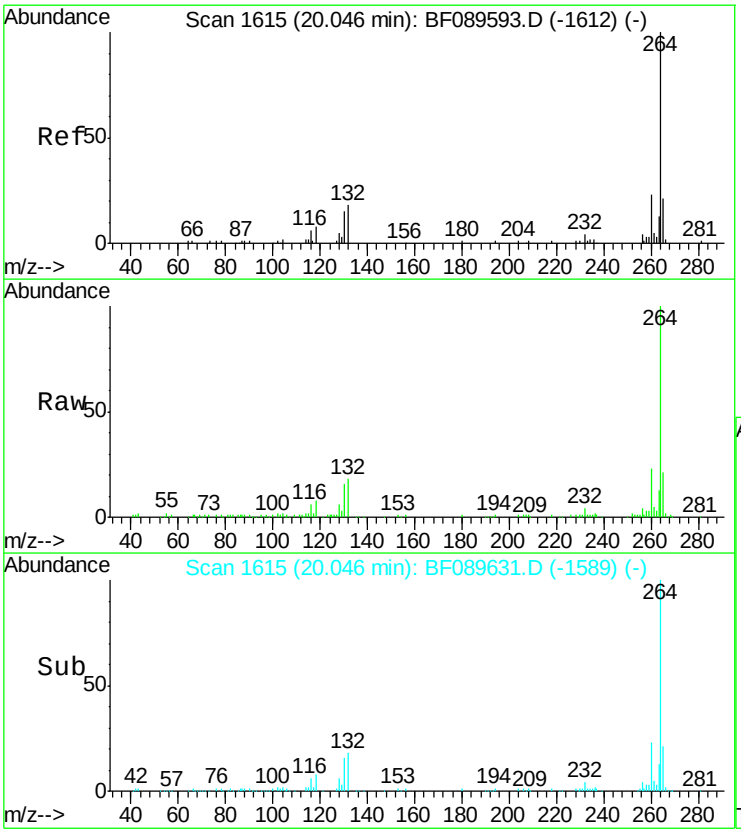
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.52 ng
RT: 21.23 min Scan# 1719
Delta R.T. 0.01 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :
DUPC-072716

Tgt Ion:276 Resp: 35779

Ion	Ratio	Lower	Upper
276	100		
138	26.1	23.8	35.8
277	22.6	20.3	30.5

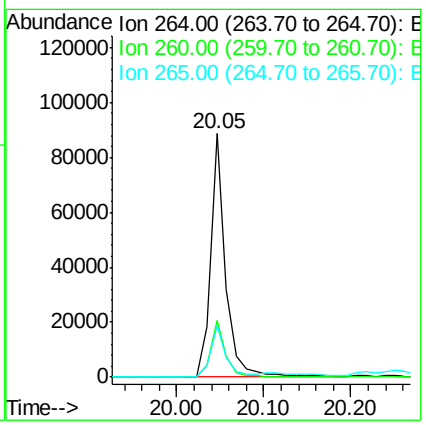


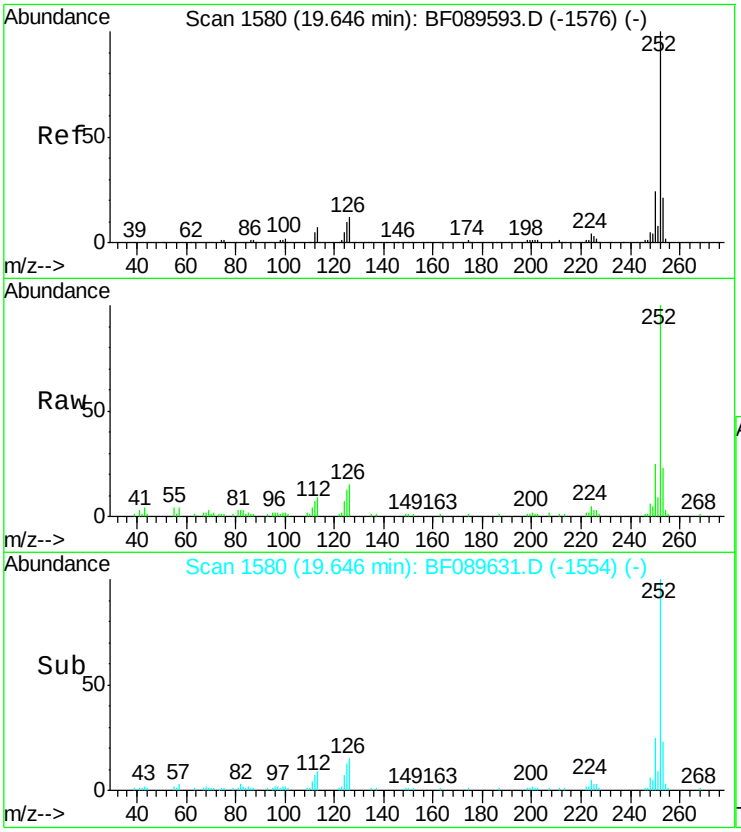


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Tgt Ion:264 Resp: 107952

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.3	16.5	24.7



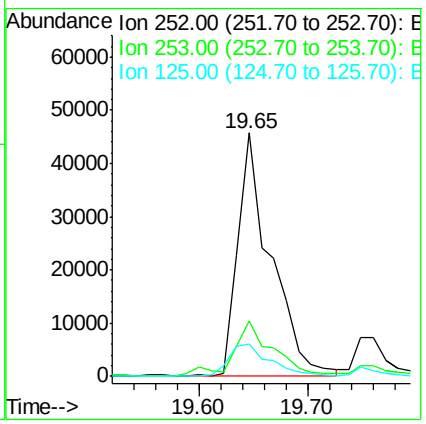


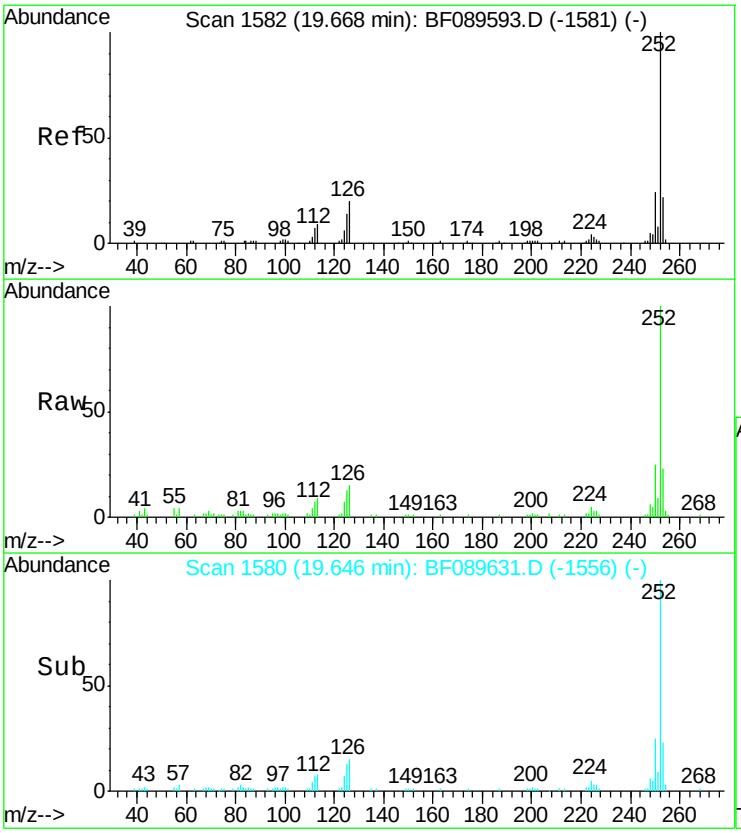
#87
Benzo(b)fluoranthene
Concen: 14.46 ng
RT: 19.65 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :
DUPC-072716

Tgt Ion:252 Resp: 96000

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	13.2	7.8	11.8#

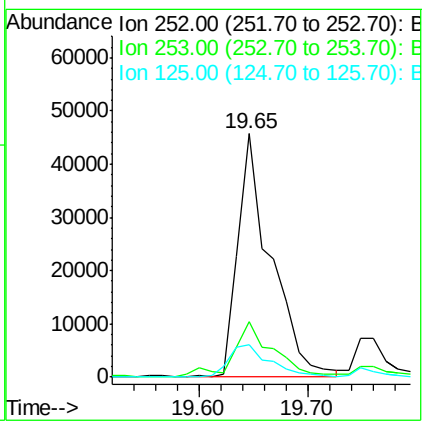


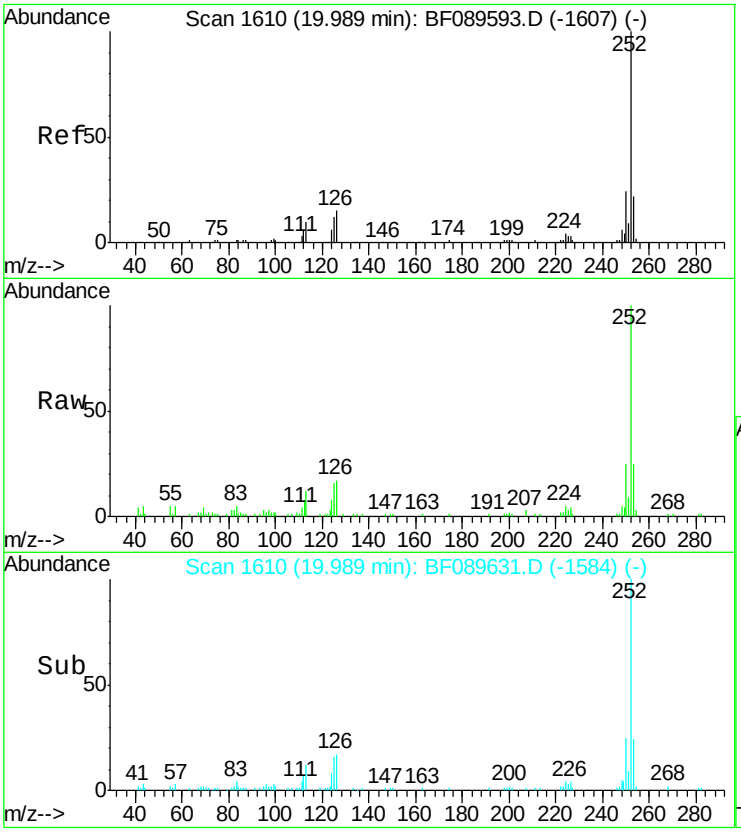


#88
Benzo(k)fluoranthene
Concen: 14.33 ng
RT: 19.65 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Tgt Ion:252 Resp: 96000

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	13.2	11.0	16.6



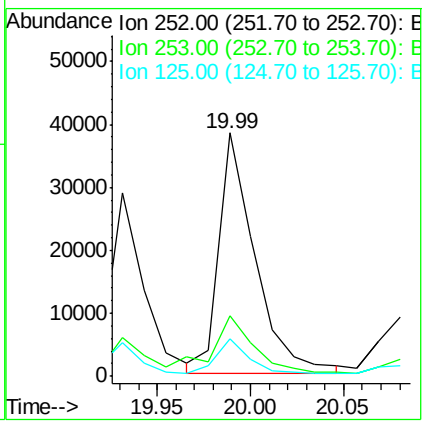


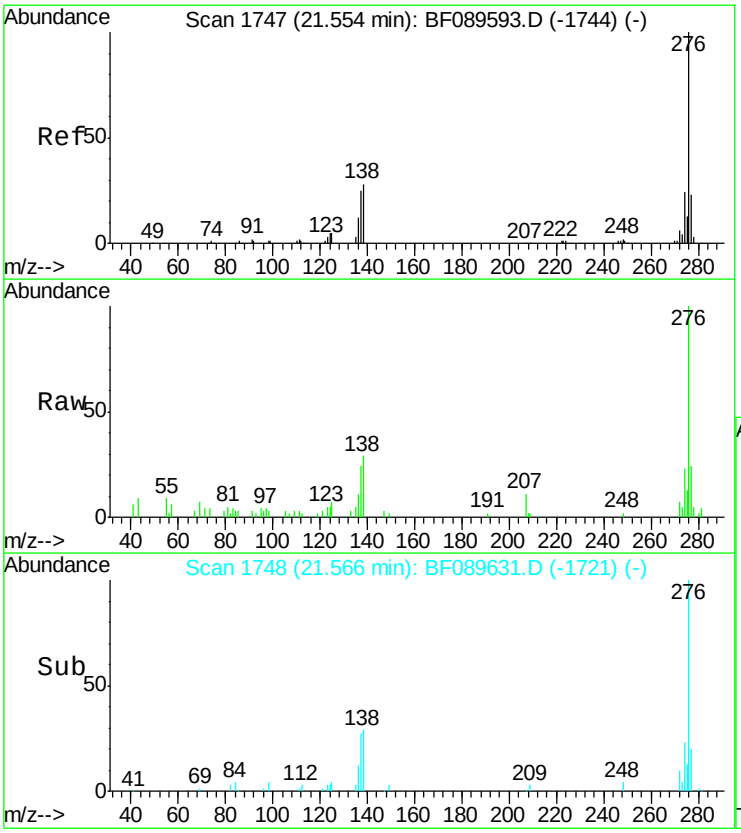
#89
Benzo(a)pyrene
Concen: 8.34 ng
RT: 19.99 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :
DUPC-072716

Tgt Ion:252 Resp: 51851

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.4	26.0
125	15.7	9.9	14.9#





#91
Benzo(g,h,i)perylene
Concen: 6.26 ng
RT: 21.57 min Scan# 1748
Delta R.T. 0.01 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Tgt Ion:276 Resp: 37216

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	28.6	22.6	33.8