Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083815.D
Acq On : 15 Dec 2015 13:21
Operator : UM/IZ
Sample : G4634-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K203-8-10

Quant Time: Dec 16 01:04:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	114549	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	439055	20.00	ng	-0.02
38) Acenaphthene-d10	9.95	164	170069	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	268828	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	245605	20.00	ng	-0.01
86) Perylene-d12	15.51	264	217664	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	799173	112.55	ng	-0.01
7) Phenol-d6	6.53	99	893042	99.32	ng	-0.01
23) Nitrobenzene-d5	7.46	82	530345	67.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	189408	109.30	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	873530	71.86	ng	-0.02
78) Terphenyl-d14	13.01	244	622285	54.50	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.65	163	74980	5.66	ng	# 80
74) Fluoranthene	12.65	202	39784	2.70	ng	76
77) Pyrene	12.87	202	98833	5.09	ng	# 91
80) Benzo(a)anthracene	14.05	228	38359m	2.75	ng	
82) Chrysene	14.09	228	48273m	3.54	ng	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083815.D
Acq On : 15 Dec 2015 13:21
Operator : UM/IZ
Sample : G4634-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
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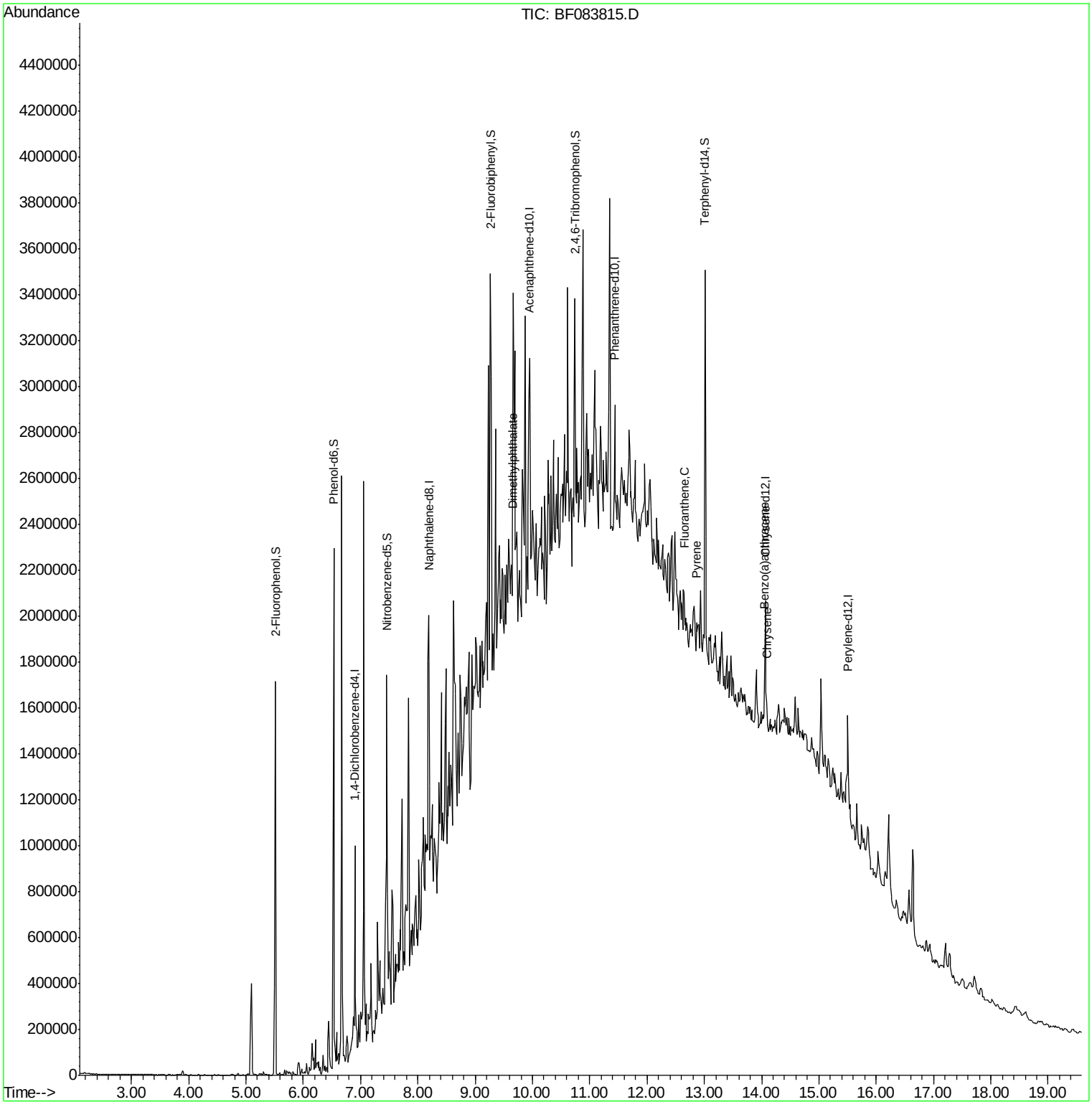
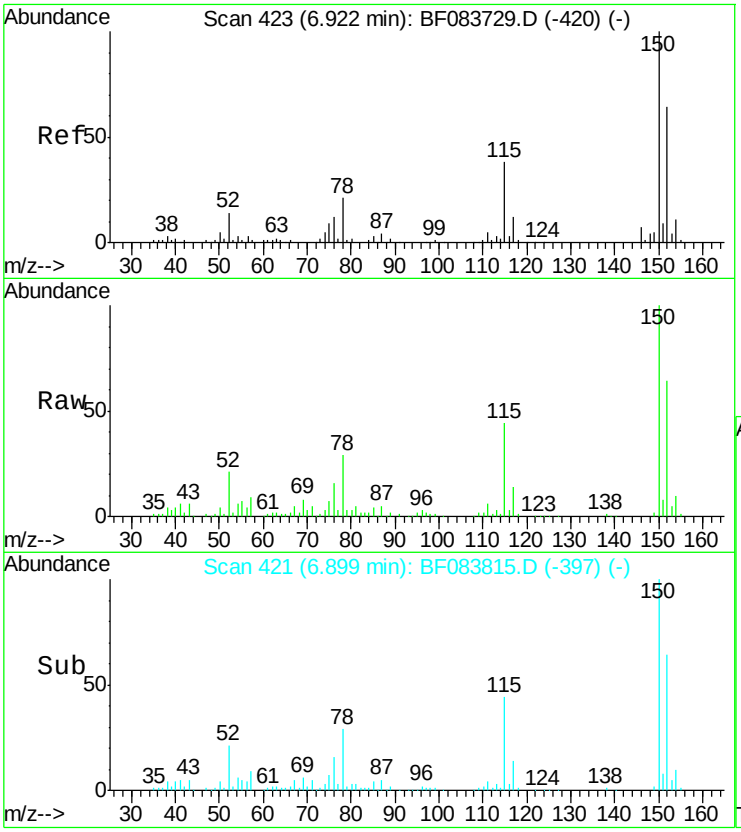
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration



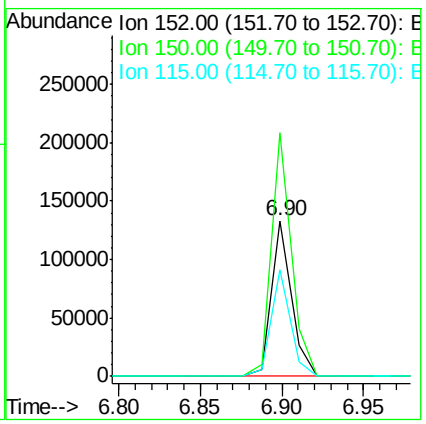


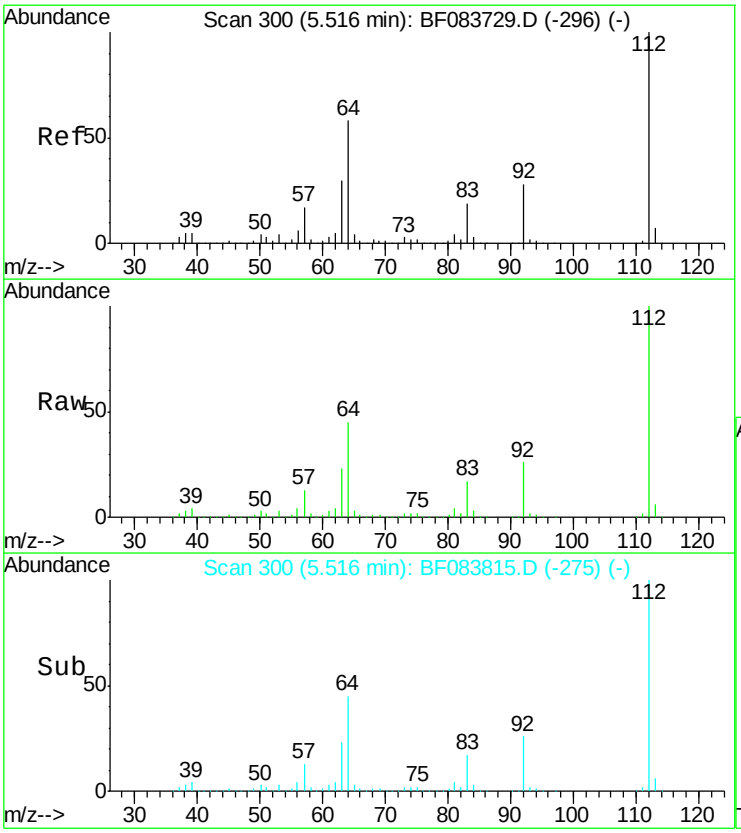
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083815.D
Acq: 15 Dec 2015 13:21

Instrument :
BNA_F
ClientSampleId :
K203-8-10

Tgt Ion:152 Resp: 114549

Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.5	189.7
115	68.8	52.3	78.5

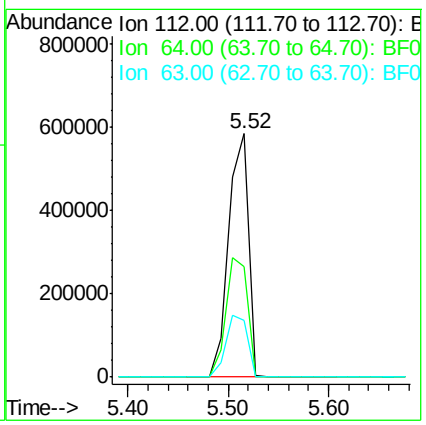


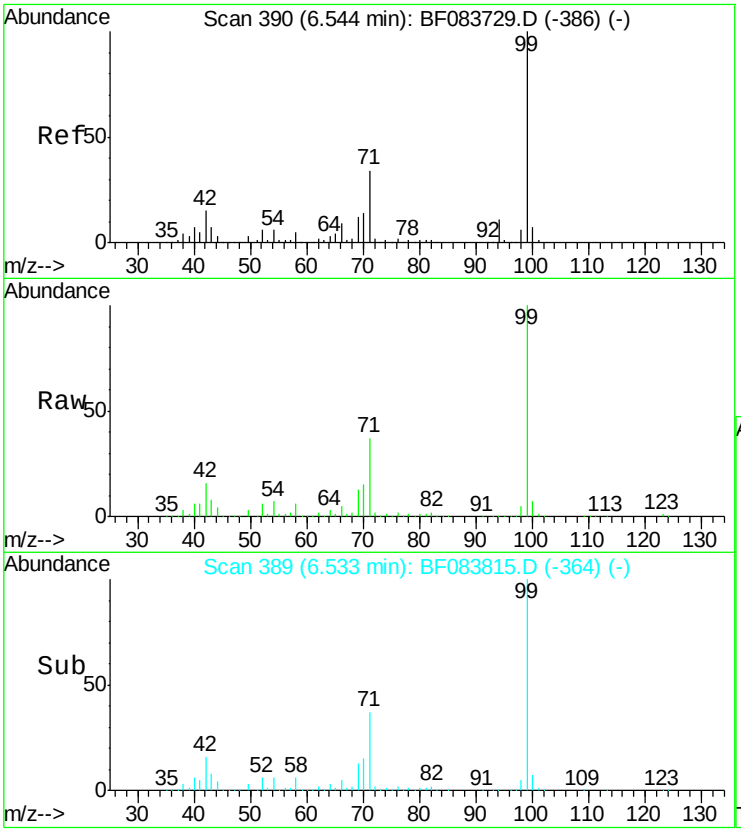


#5
2-Fluorophenol
Concen: 112.55 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083815.D
Acq: 15 Dec 2015 13:21

Tgt Ion:112 Resp: 799173

Ion	Ratio	Lower	Upper
112	100		
64	45.1	50.5	75.7#
63	23.1	25.8	38.6#



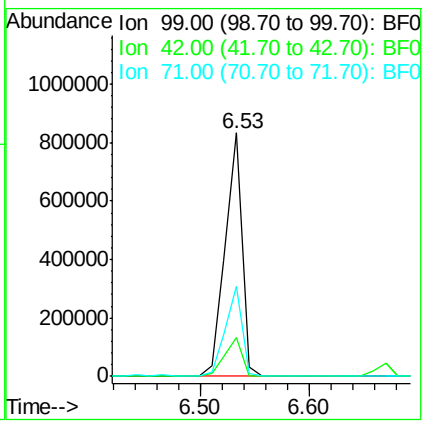


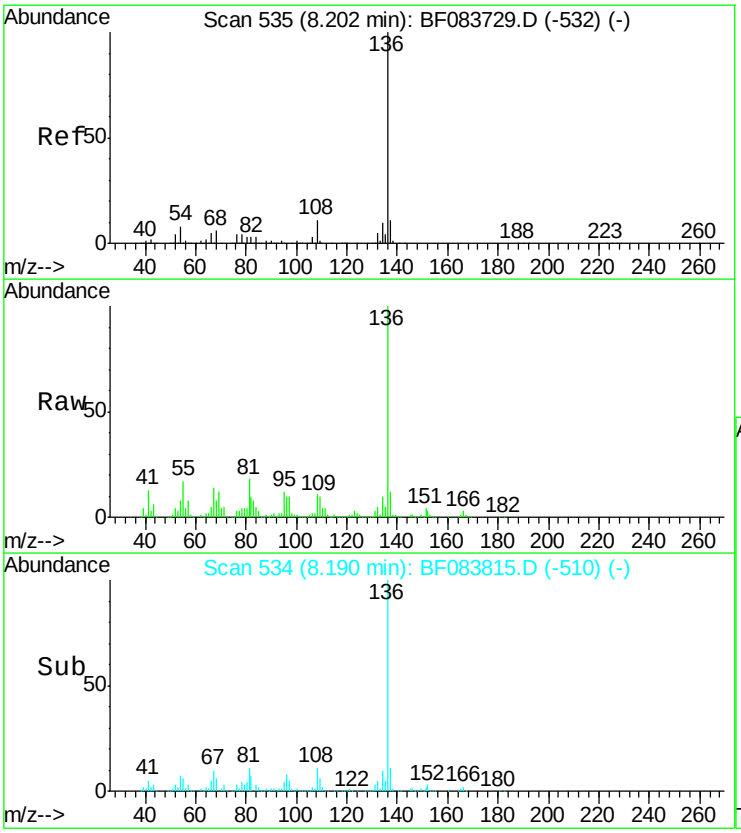
#7
Phenol-d6
Concen: 99.32 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF083815.D
Acq: 15 Dec 2015 13:21

Instrument :
BNA_F
ClientSampleId :
K203-8-10

Tgt Ion: 99 Resp: 893042

Ion	Ratio	Lower	Upper
99	100		
42	16.0	17.3	25.9#
71	37.2	26.6	40.0

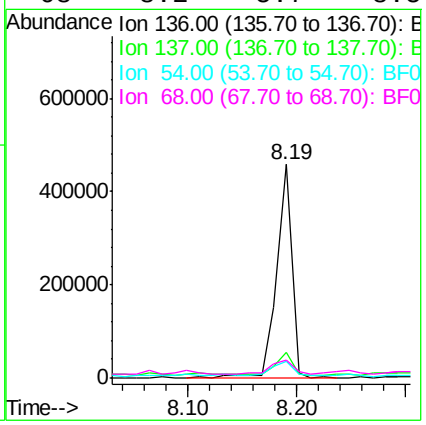


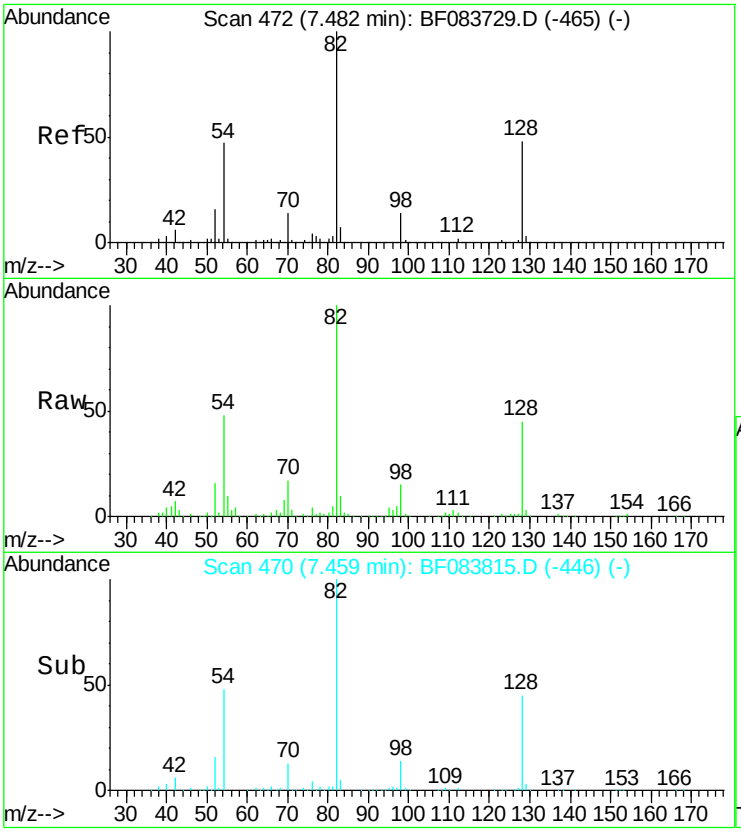


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF083815.D
Acq: 15 Dec 2015 13:21

Tgt Ion:136 Resp: 439055

Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.7	13.1
54	7.9	7.8	11.6
68	8.2	5.7	8.5



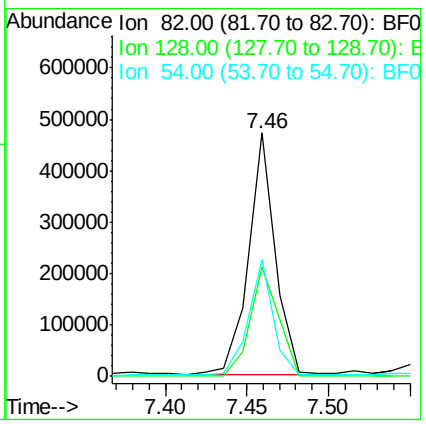


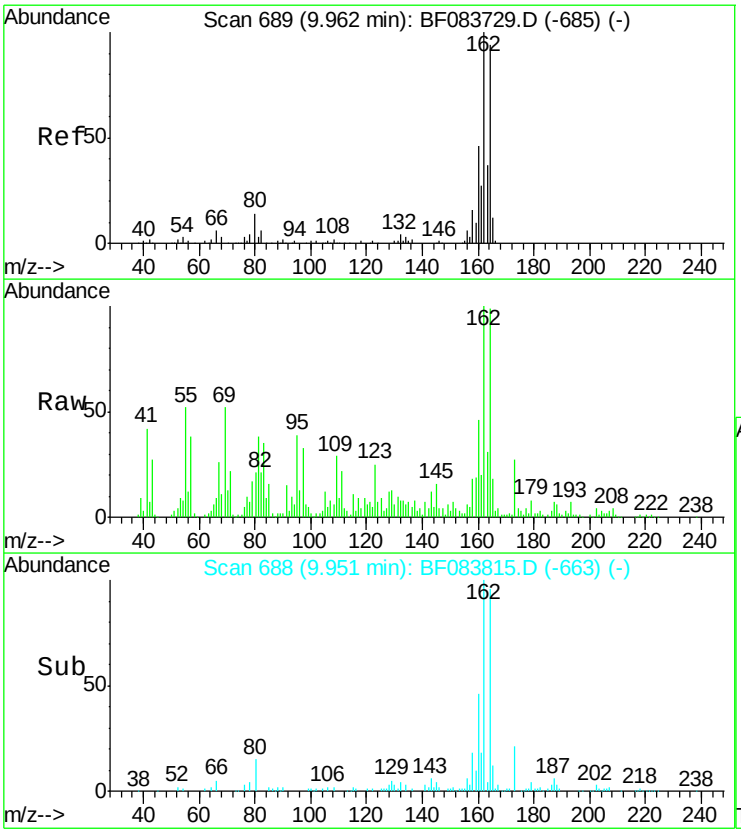
#23
Nitrobenzene-d5
Concen: 67.58 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083815.D
Acq: 15 Dec 2015 13:21

Instrument :
BNA_F
ClientSampleId :
K203-8-10

Tgt Ion: 82 Resp: 530345

Ion	Ratio	Lower	Upper
82	100		
128	44.7	30.7	46.1
54	48.0	42.5	63.7

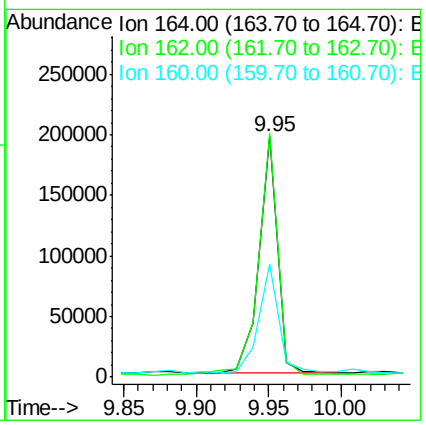


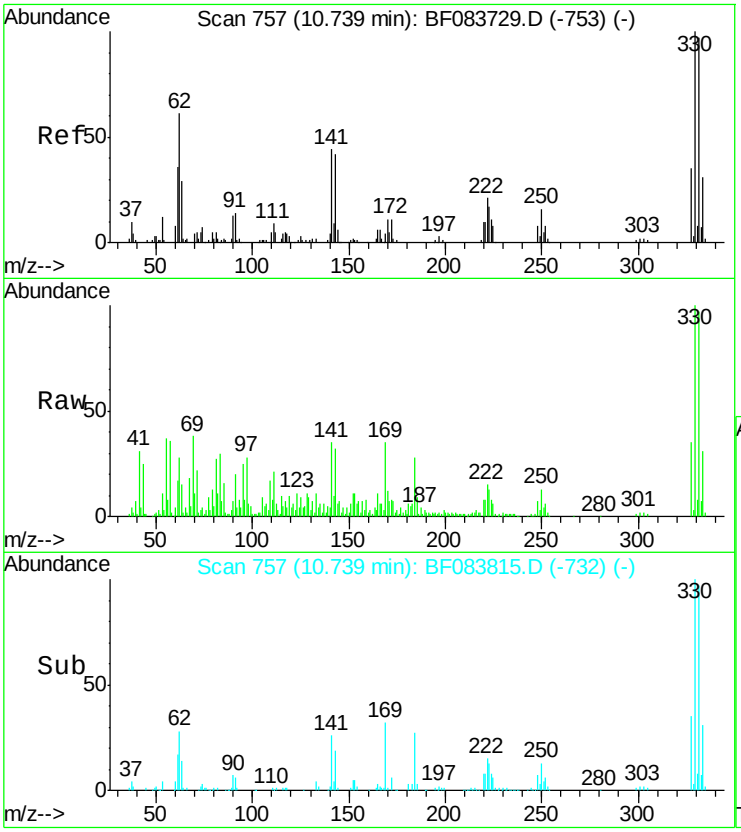


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083815.D
Acq: 15 Dec 2015 13:21

Tgt Ion:164 Resp: 170069

Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	47.0	33.4	50.2



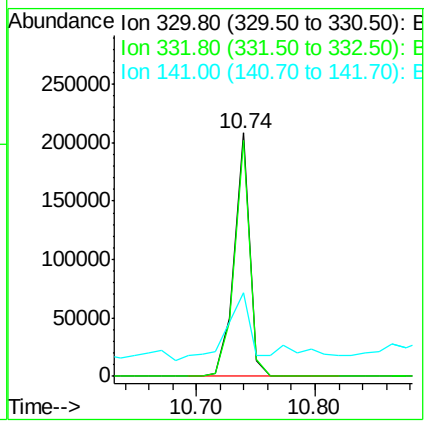


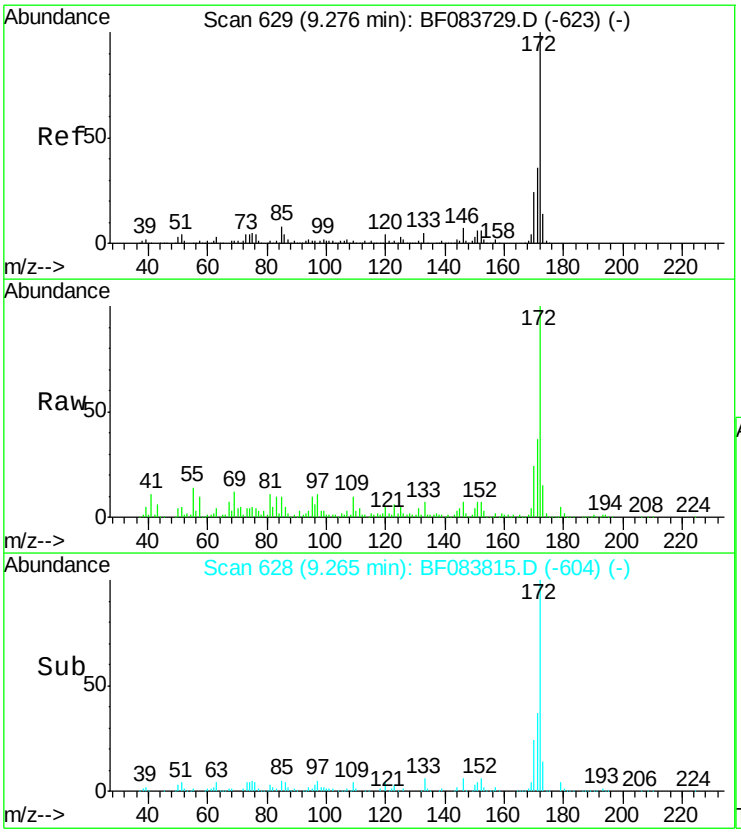
#41
2,4,6-Tribromophenol
Concen: 109.30 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF083815.D
Acq: 15 Dec 2015 13:21

Instrument :
BNA_F
ClientSampleId :
K203-8-10

Tgt Ion:330 Resp: 189408

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	41.4	0.0	0.0#

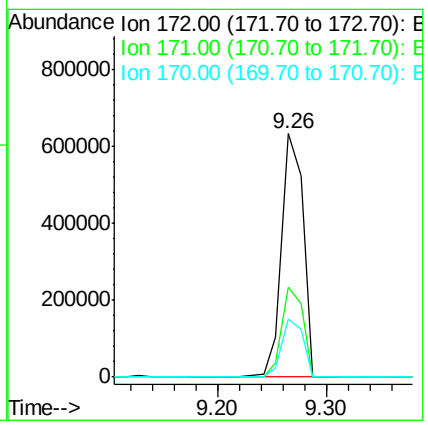


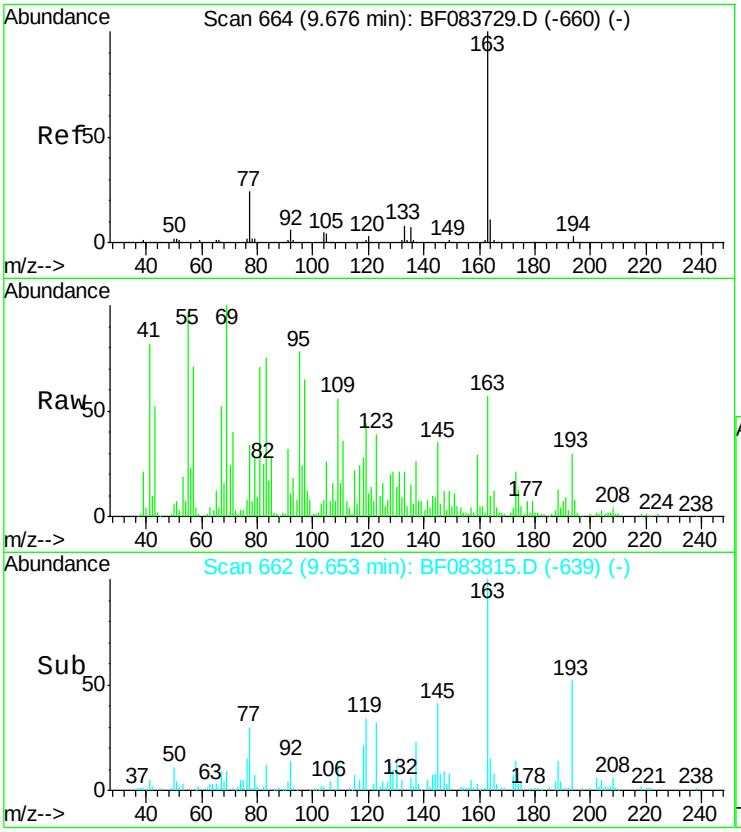


#44
2-Fluorobiphenyl
Concen: 71.86 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF083815.D
Acq: 15 Dec 2015 13:21

Tgt Ion:172 Resp: 873530

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	42.8
170	23.9	19.4	29.0



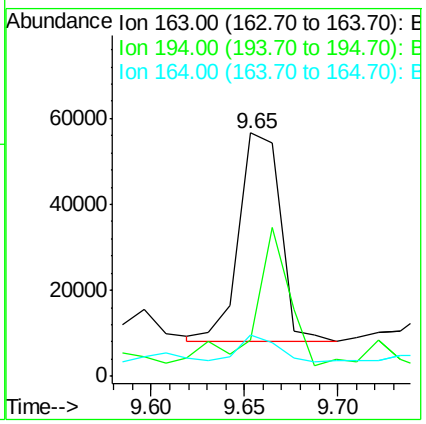


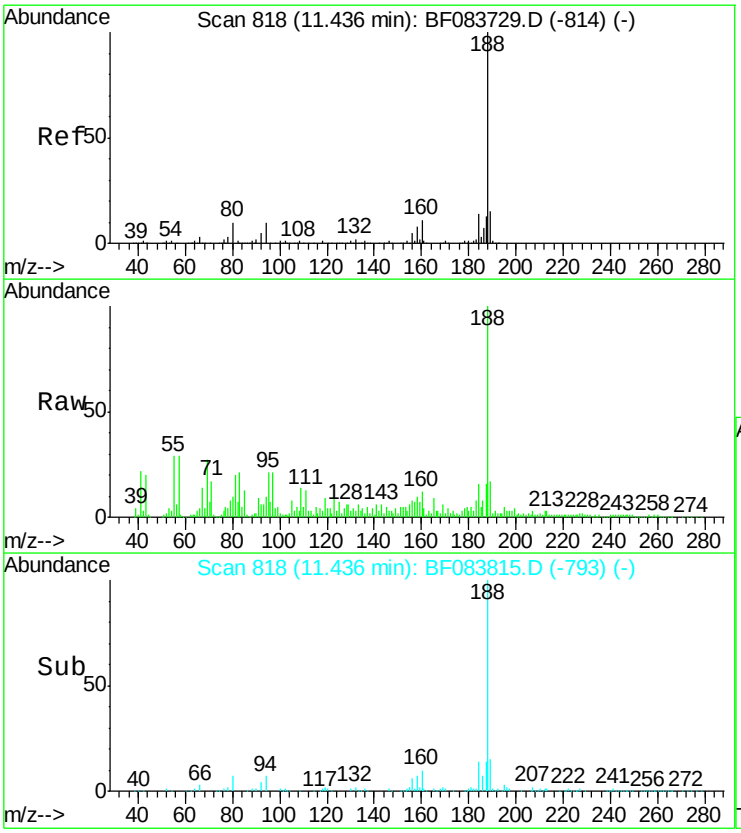
#49
Dimethylphthalate
Concen: 5.66 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF083815.D
Acq: 15 Dec 2015 13:21

Instrument :
BNA_F
ClientSampleId :
K203-8-10

Tgt Ion:163 Resp: 74980

Ion	Ratio	Lower	Upper
163	100		
194	14.8	2.8	4.2#
164	16.9	8.6	13.0#

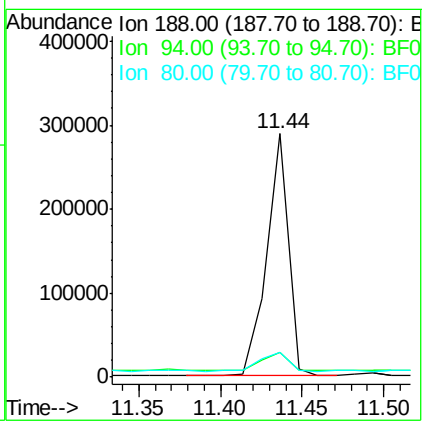


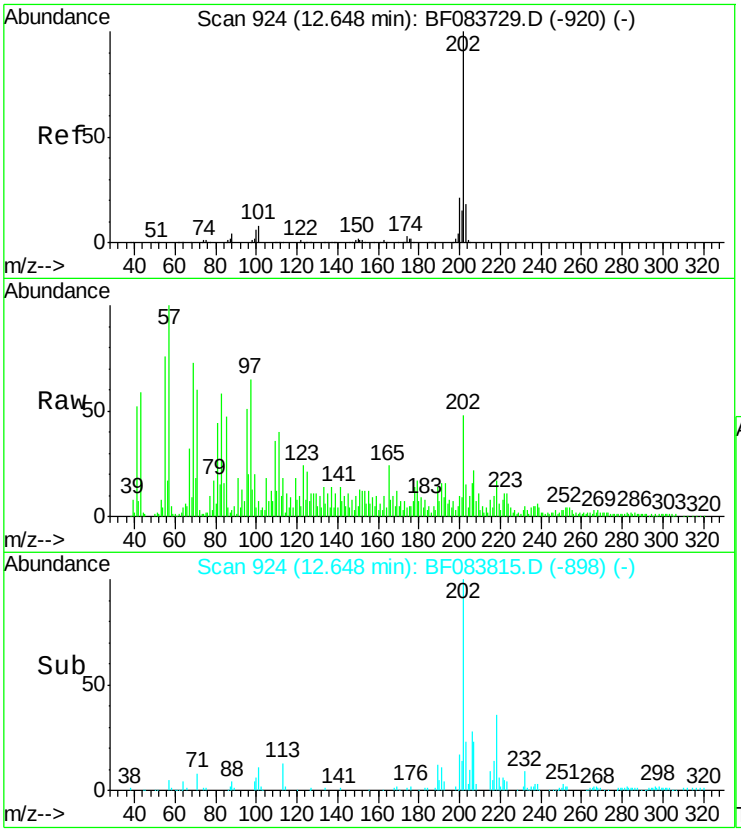


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083815.D
Acq: 15 Dec 2015 13:21

Tgt Ion:188 Resp: 268828

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	9.9	10.6	16.0#



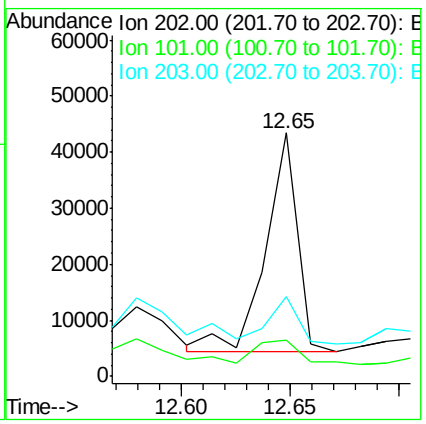


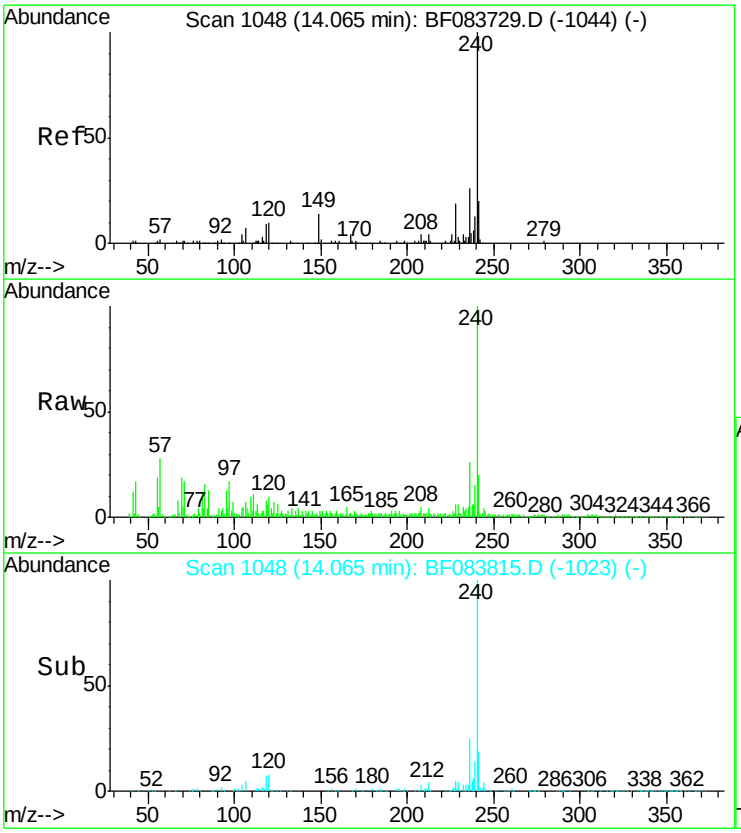
#74
Fluoranthene
Concen: 2.70 ng
RT: 12.65 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF083815.D
Acq: 15 Dec 2015 13:21

Instrument :
BNA_F
ClientSampleId :
K203-8-10

Tgt Ion:202 Resp: 39784

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	31.5
203	32.5	0.0	37.6

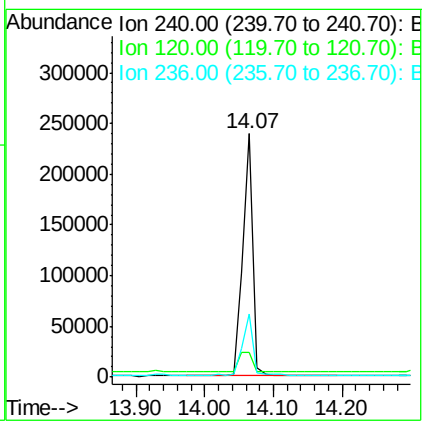


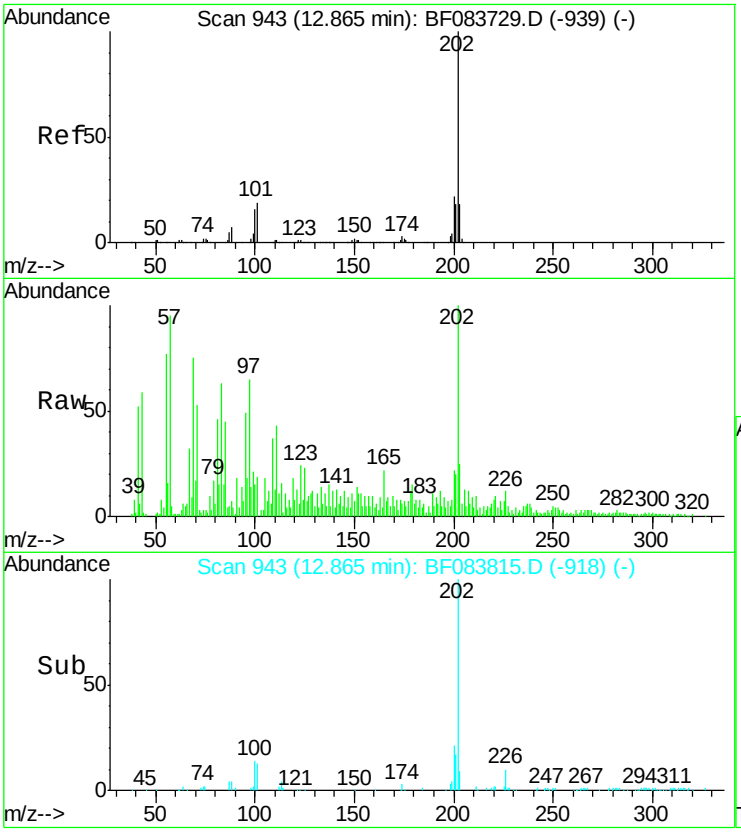


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF083815.D
Acq: 15 Dec 2015 13:21

Tgt Ion:240 Resp: 245605

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.1	12.1
236	25.7	20.8	31.2



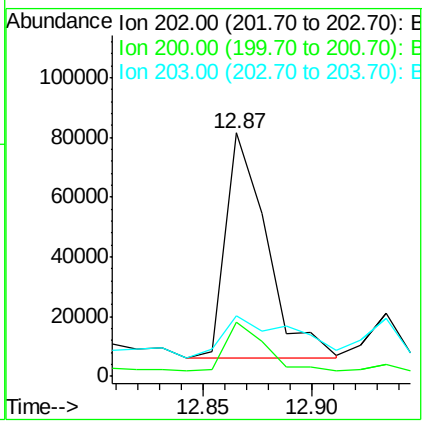


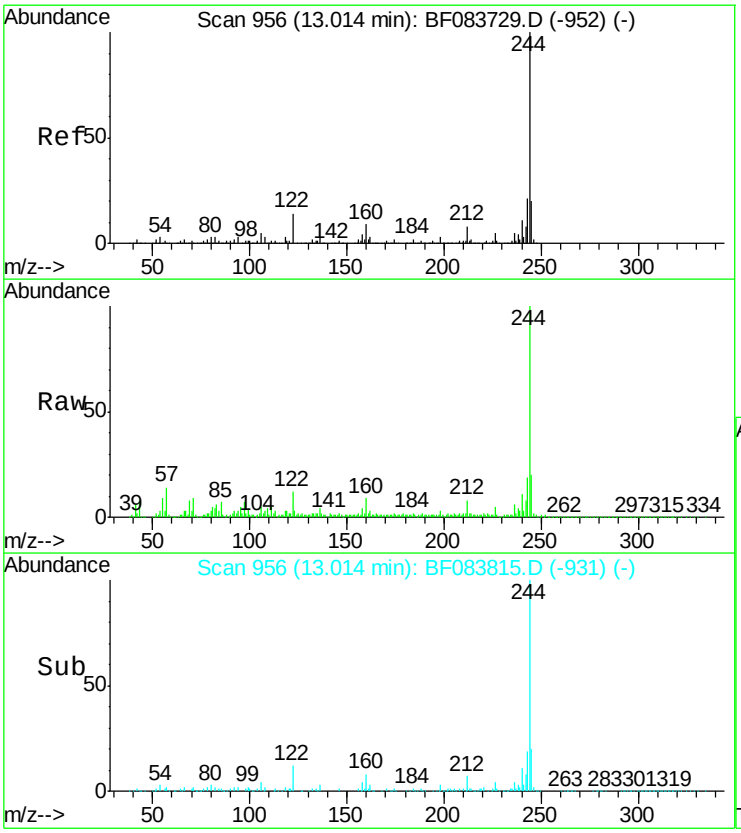
#77
Pyrene
Concen: 5.09 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF083815.D
Acq: 15 Dec 2015 13:21

Instrument :
BNA_F
ClientSampleId :
K203-8-10

Tgt Ion:202 Resp: 98833

Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.7	25.1
203	25.0	14.3	21.5#

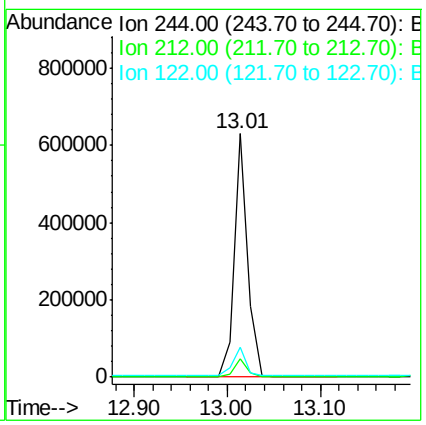


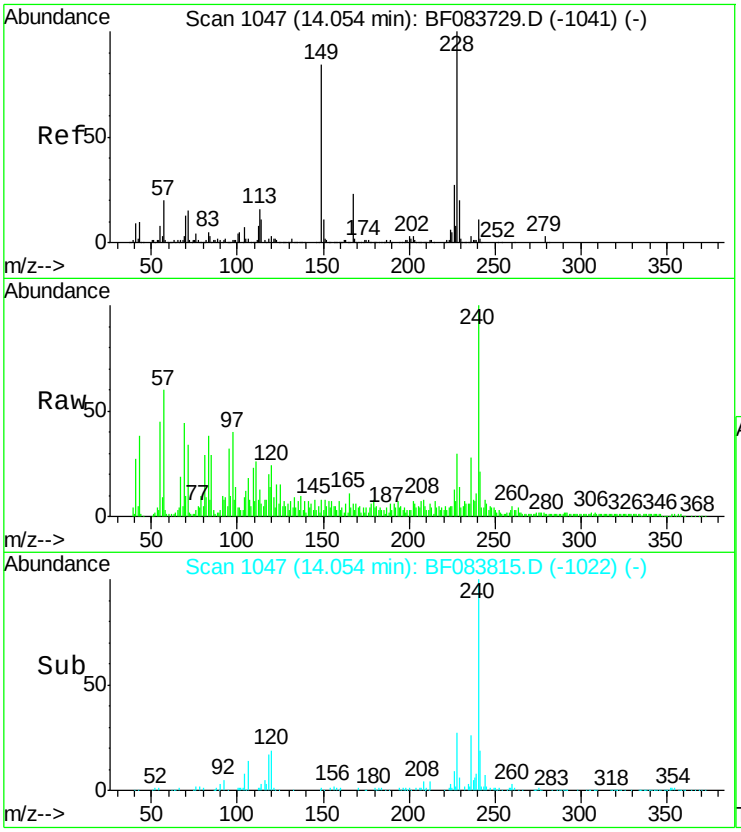


#78
Terphenyl-d14
Concen: 54.50 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF083815.D
Acq: 15 Dec 2015 13:21

Tgt Ion:244 Resp: 622285

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	12.4	11.0	16.6



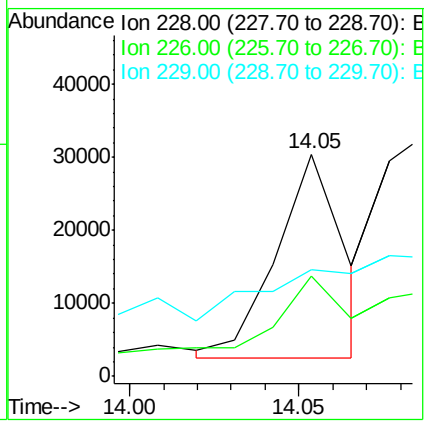


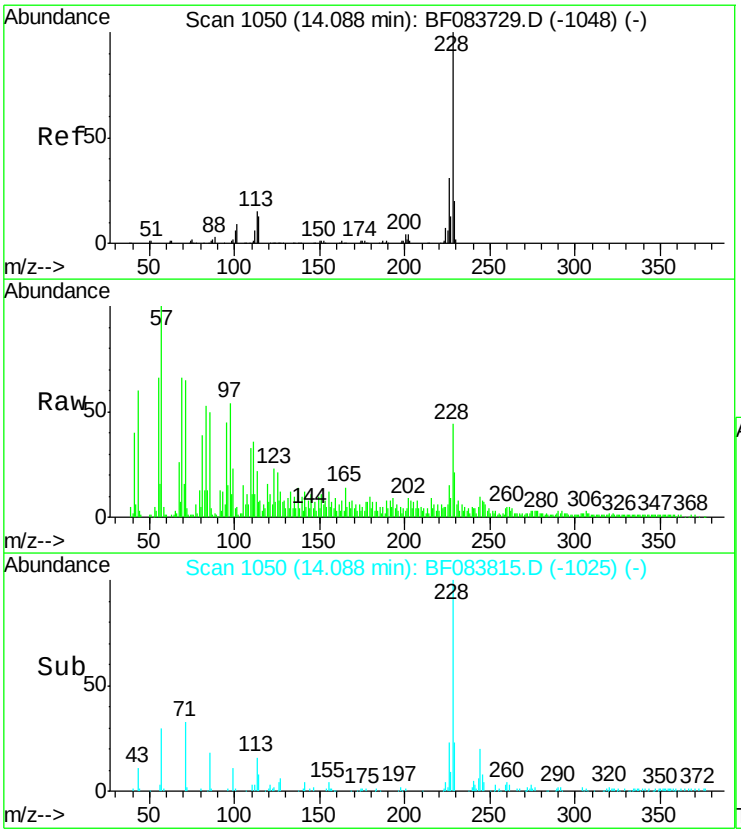
#80
Benzo(a)anthracene
Concen: 2.75 ng m
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083815.D
Acq: 15 Dec 2015 13:21

Instrument :
BNA_F
ClientSampleId :
K203-8-10

Tgt Ion:228 Resp: 38359

Ion	Ratio	Lower	Upper
228	100		
226	45.4	22.3	33.5#
229	48.0	15.7	23.5#

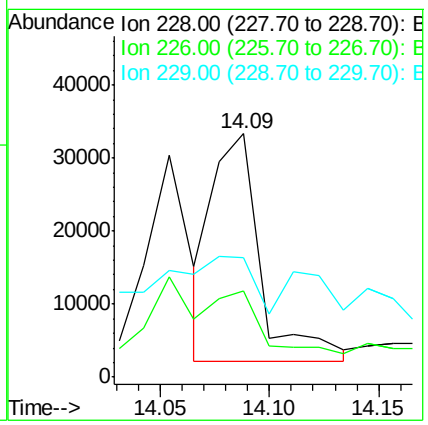


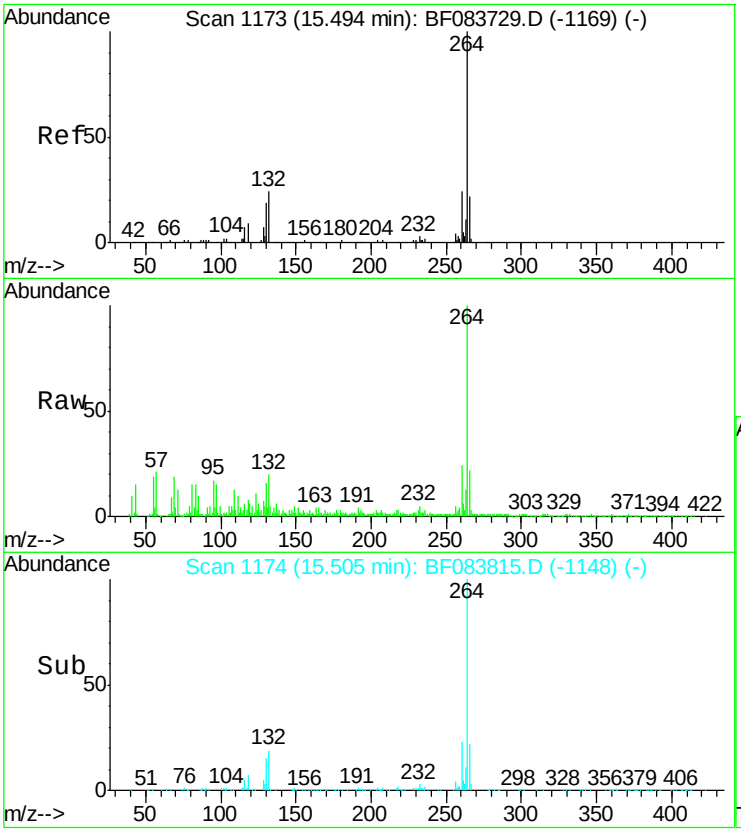


#82
Chrysene
Concen: 3.54 ng m
RT: 14.09 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF083815.D
Acq: 15 Dec 2015 13:21

Tgt Ion:228 Resp: 48273

Ion	Ratio	Lower	Upper
228	100		
226	35.4	24.7	37.1
229	48.9	16.3	24.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083815.D
Acq: 15 Dec 2015 13:21

Instrument :
BNA_F
ClientSampleId :
K203-8-10

Tgt Ion:264 Resp: 217664

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	22.4	17.8	26.6