Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
Data File : BF090019.D
Acq On : 7 Sep 2016 21:59
Operator : UM/SJ
Sample : H4686-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-003

Quant Time: Sep 08 07:17:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	182547	20.00	ng		-0.02
21) Naphthalene-d8	7.91	136	730469	20.00	ng		-0.02
38) Acenaphthene-d10	9.64	164	330057	20.00	ng		-0.02
63) Phenanthrene-d10	11.12	188	562879	20.00	ng		-0.02
75) Chrysene-d12	13.74	240	435118	20.00	ng		-0.02
86) Perylene-d12	15.09	264	325581	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1064301	93.32	ng		-0.01
7) Phenol-d6	6.26	99	1441841	104.05	ng		-0.02
23) Nitrobenzene-d5	7.19	82	868875	68.98	ng		-0.02
41) 2,4,6-Tribromophenol	10.43	330	290318	89.16	ng		-0.02
44) 2-Fluorobiphenyl	8.98	172	1386267	68.95	ng		-0.02
78) Terphenyl-d14	12.71	244	1084229	61.55	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.19	70	111264	12.32	ng	#	82
25) Isophorone	7.19	82	701961	27.41	ng	#	65
49) Dimethylphthalate	9.38	163	490098	20.54	ng		98
56) 2,4-Dinitrotoluene	9.64	165	42835	6.37	ng	#	29
66) 4-Bromophenyl-phenylether	10.43	248	20488	3.62	ng	#	1
74) Fluoranthene	12.32	202	78646	2.68	ng		96
77) Pyrene	12.55	202	83432	2.72	ng		98
80) Benzo(a)anthracene	13.73	228	54422	2.04	ng		96
82) Chrysene	13.73	228	54422	2.19	ng		97
87) Benzo(b)fluoranthene	14.72	252	54006	2.65	ng	#	83
88) Benzo(k)fluoranthene	14.72	252	54006	3.12	ng	#	83

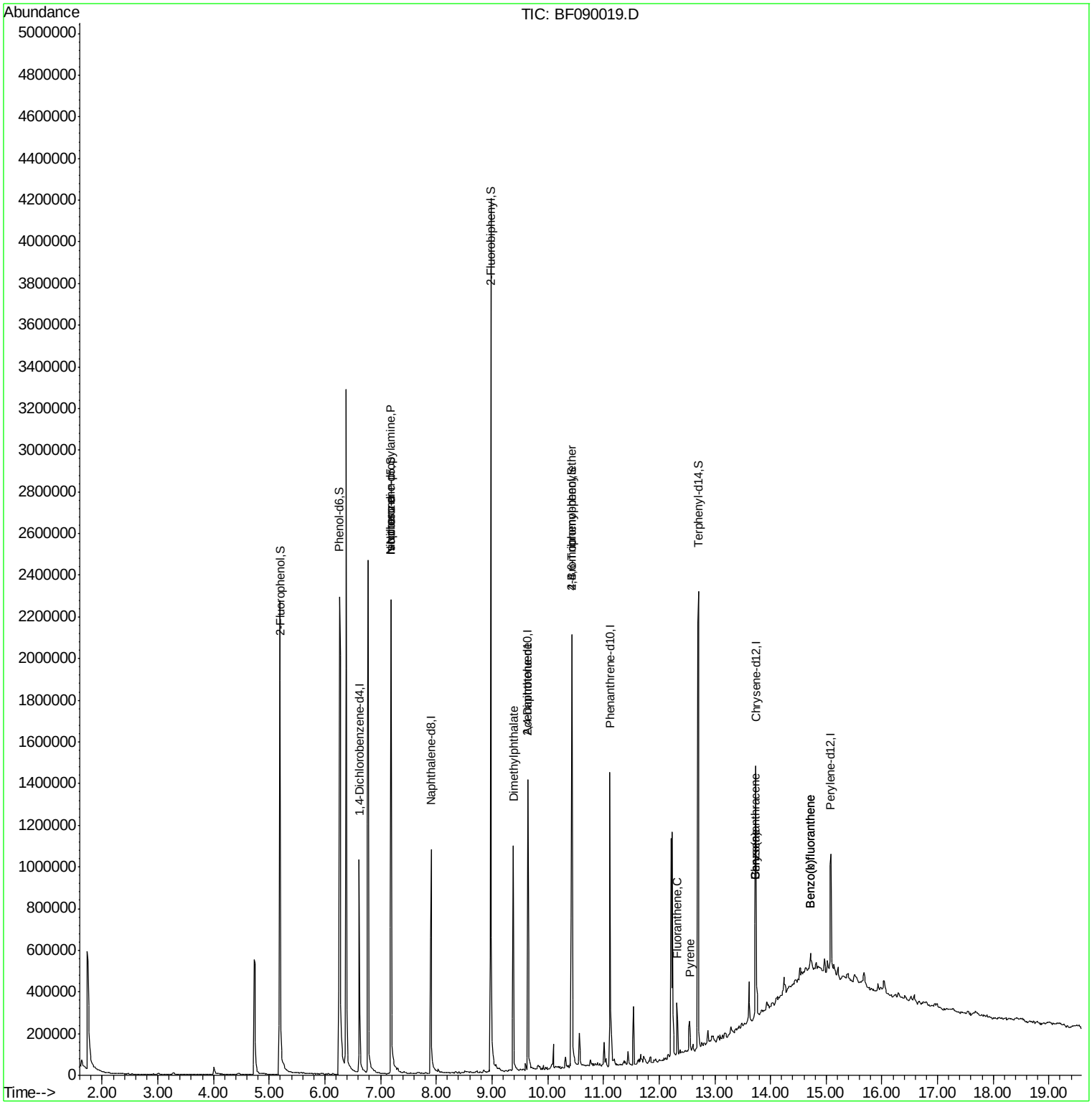
(#) = qualifier out of range (m) = manual integration (+) = signals summed

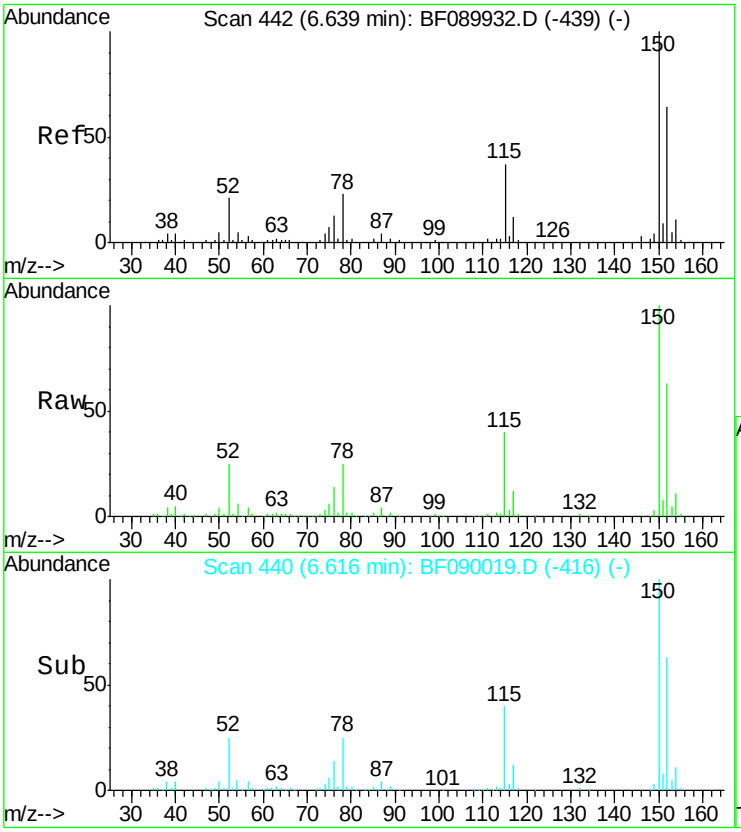
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
Data File : BF090019.D
Acq On : 7 Sep 2016 21:59
Operator : UM/SJ
Sample : H4686-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-003

Quant Time: Sep 08 07:17:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration



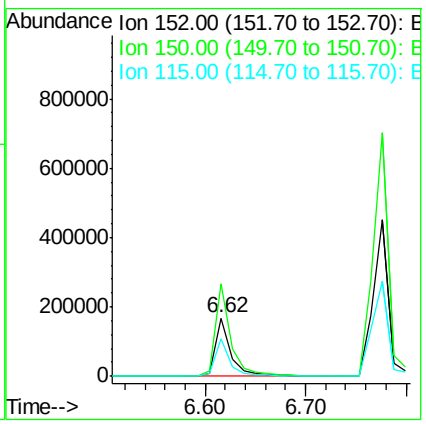


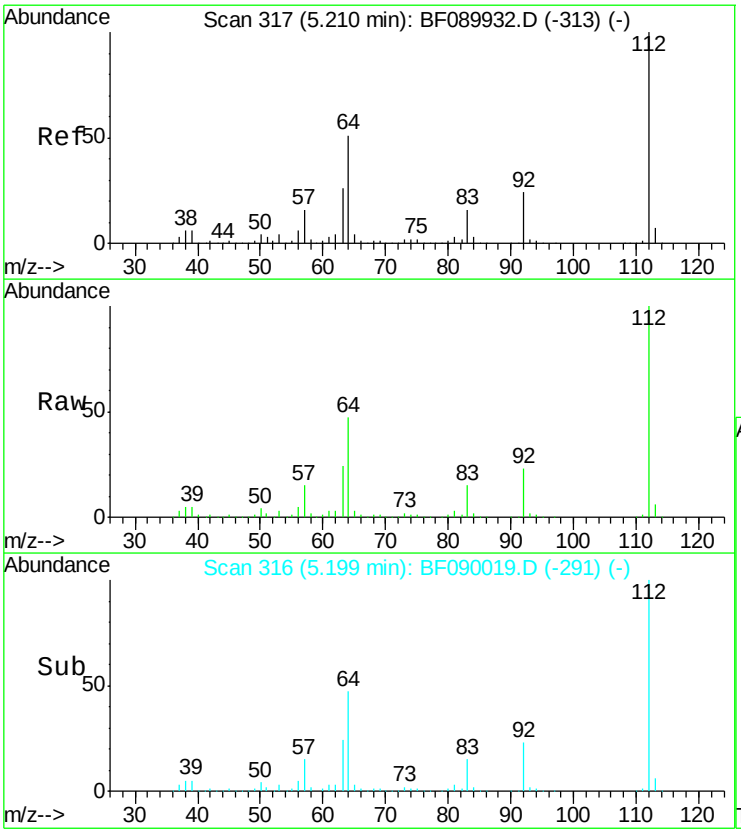
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Instrument :
BNA_F
ClientSampleId :
SP-003

Tgt Ion:152 Resp: 182547

Ion	Ratio	Lower	Upper
152	100		
150	159.6	127.4	191.2
115	64.0	46.3	69.5

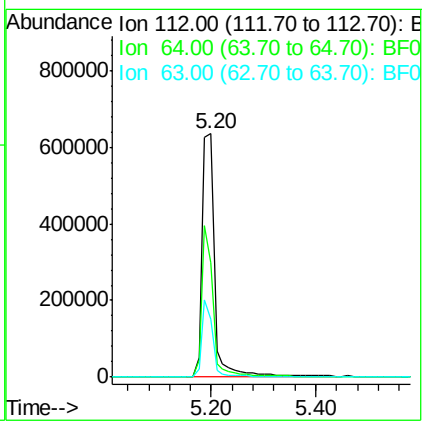


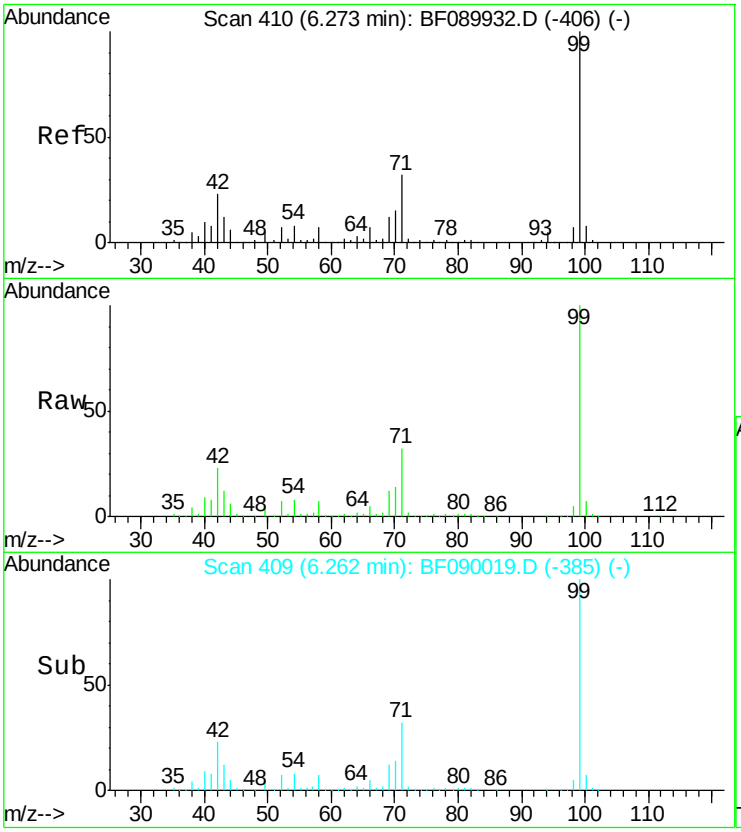


#5
2-Fluorophenol
Concen: 93.32 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.01 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Tgt Ion:112 Resp: 1064301

Ion	Ratio	Lower	Upper
112	100		
64	47.2	41.1	61.7
63	24.1	21.2	31.8



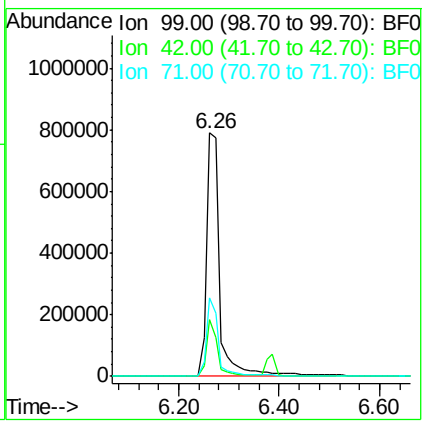


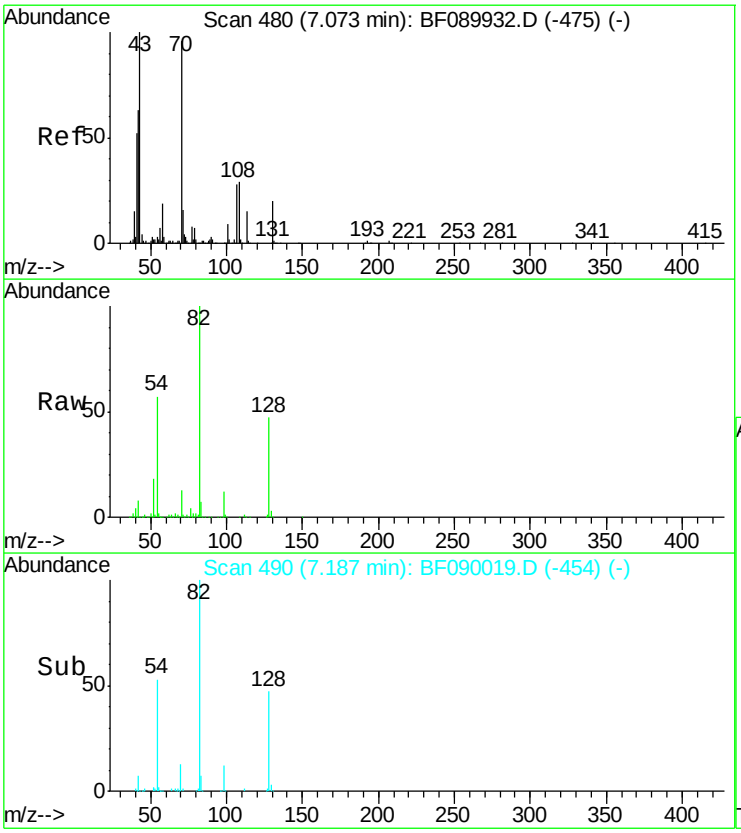
#7
Phenol-d6
Concen: 104.05 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Instrument :
BNA_F
ClientSampleId :
SP-003

Tgt Ion: 99 Resp: 1441841

Ion	Ratio	Lower	Upper
99	100		
42	23.3	18.6	27.8
71	32.2	25.8	38.6

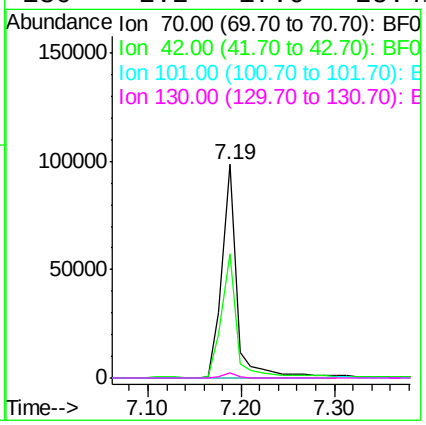


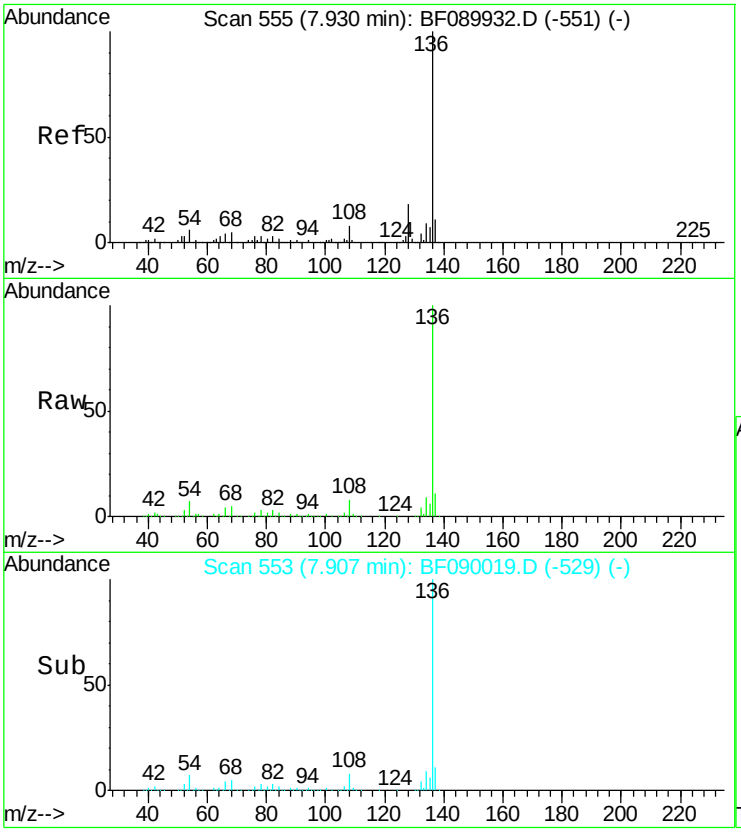


#19
n-Nitroso-di-n-propylamine
Concen: 12.32 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.11 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Tgt Ion: 70 Resp: 111264

Ion	Ratio	Lower	Upper
70	100		
42	58.1	52.1	78.1
101	0.0	7.4	11.2#
130	2.2	17.0	25.4#



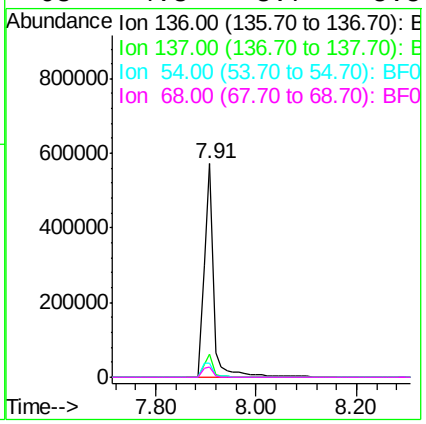


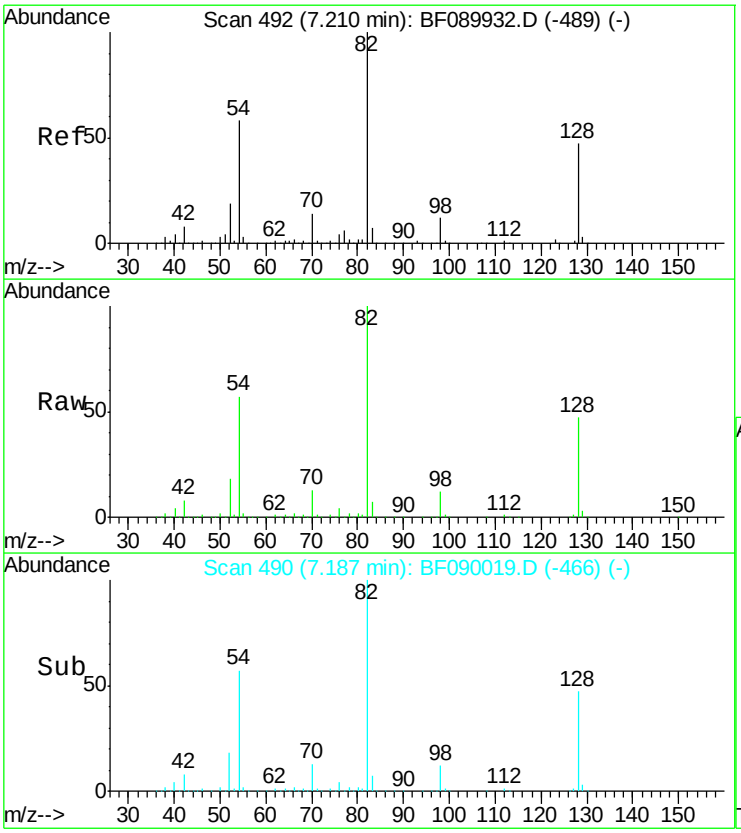
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Instrument :
BNA_F
ClientSampleId :
SP-003

Tgt Ion:136 Resp: 730469

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.3	12.5
54	6.5	4.8	7.2
68	4.8	3.7	5.5

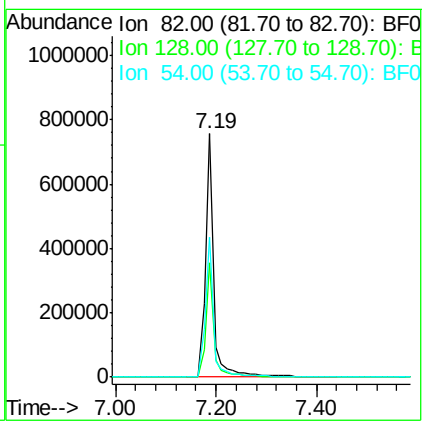


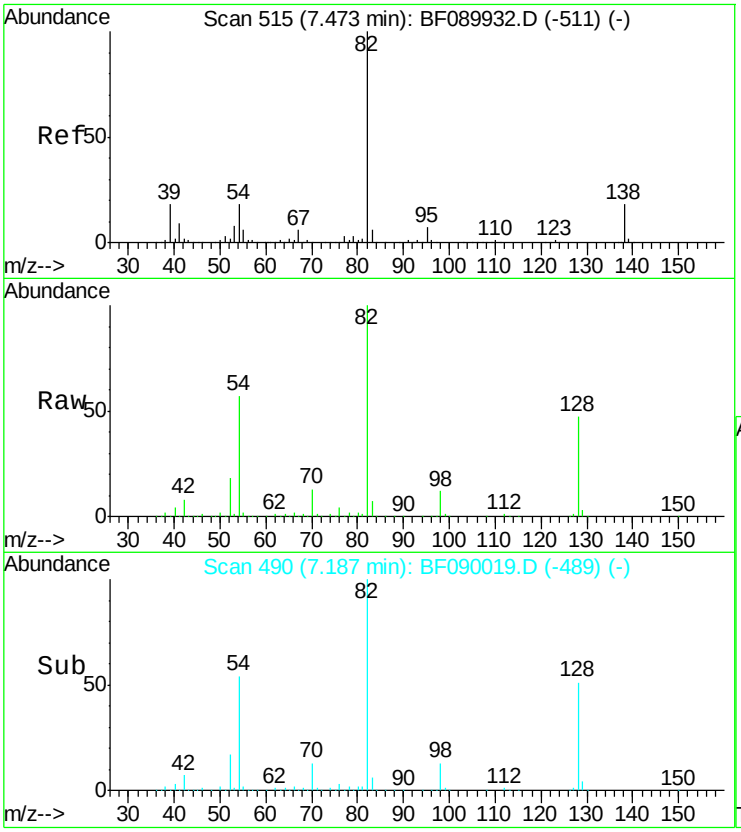


#23
Nitrobenzene-d5
Concen: 68.98 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Tgt Ion: 82 Resp: 868875

Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.8	56.8
54	57.2	46.9	70.3



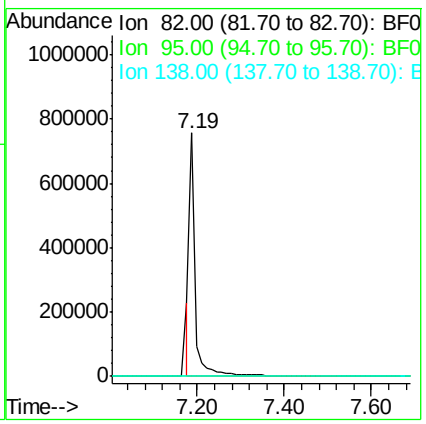


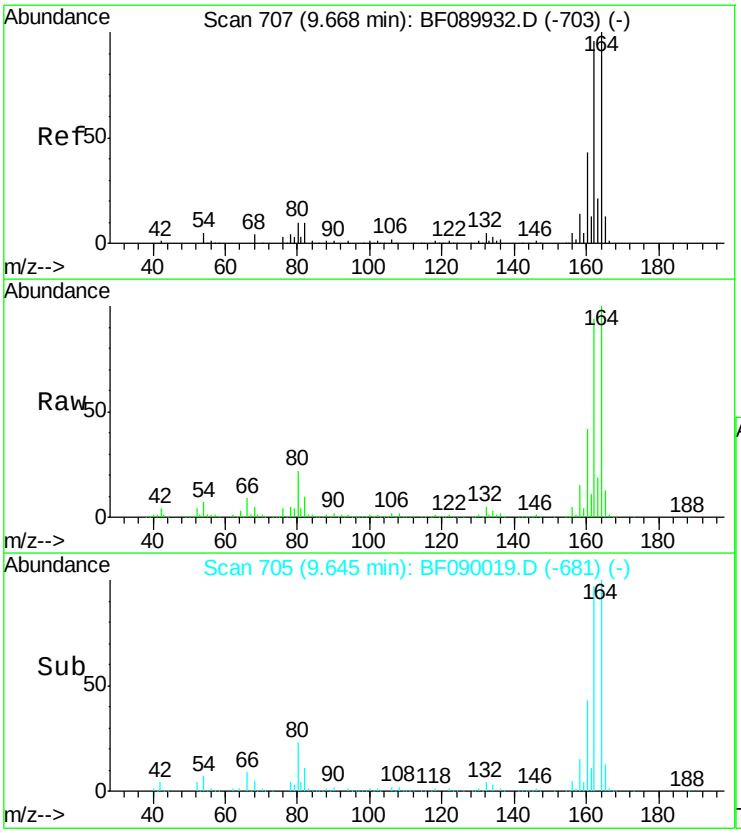
#25
Isophorone
Concen: 27.41 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.29 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Instrument :
BNA_F
ClientSampleId :
SP-003

Tgt Ion: 82 Resp: 701961

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	14.4	21.6#

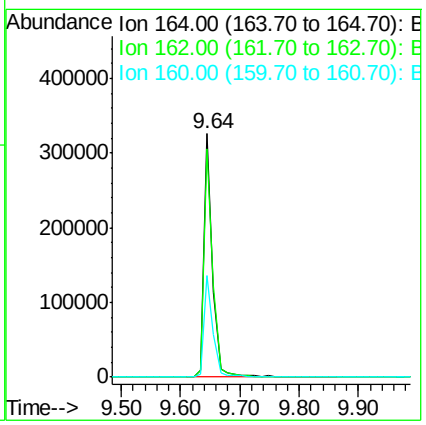


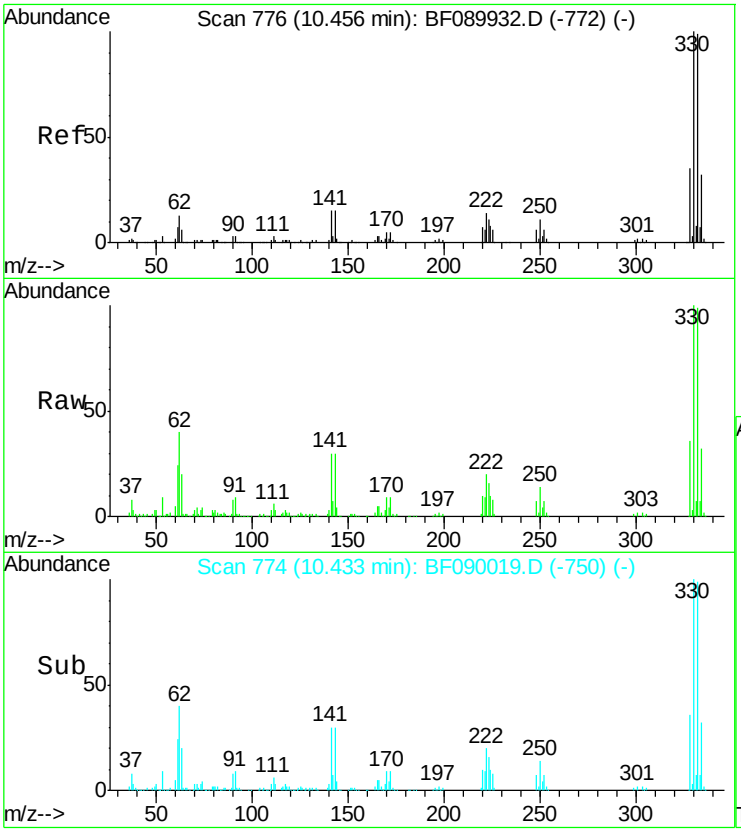


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Tgt Ion:164 Resp: 330057

Ion	Ratio	Lower	Upper
164	100		
162	94.0	77.1	115.7
160	41.6	35.3	52.9



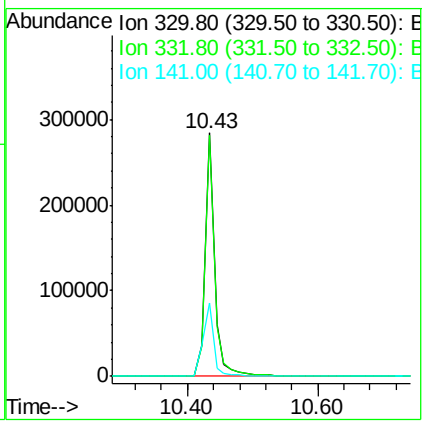


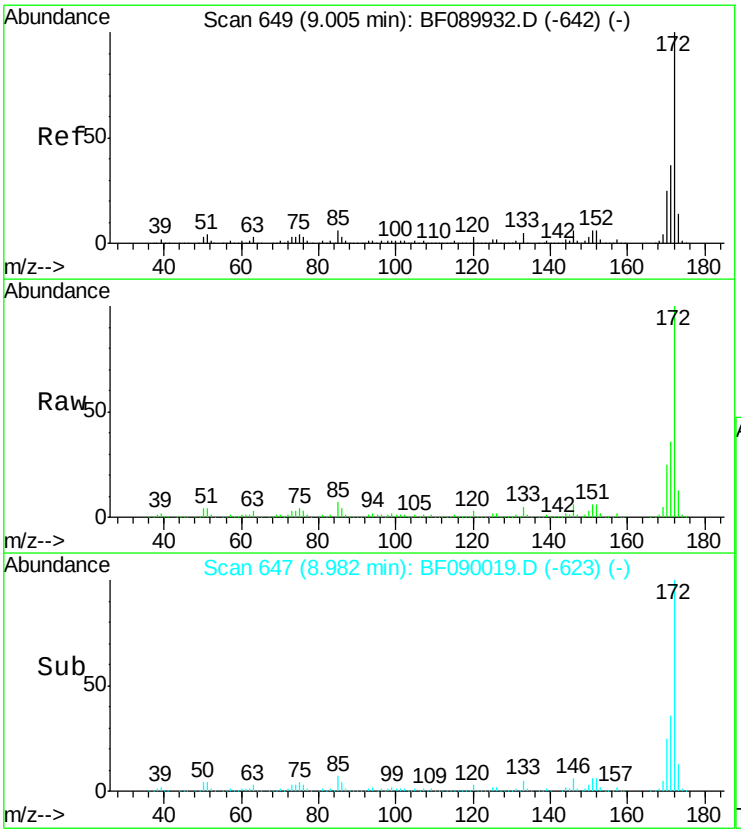
#41
2,4,6-Tribromophenol
Concen: 89.16 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Instrument :
BNA_F
ClientSampleId :
SP-003

Tgt Ion:330 Resp: 290318

Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.6	117.8
141	34.8	23.3	34.9

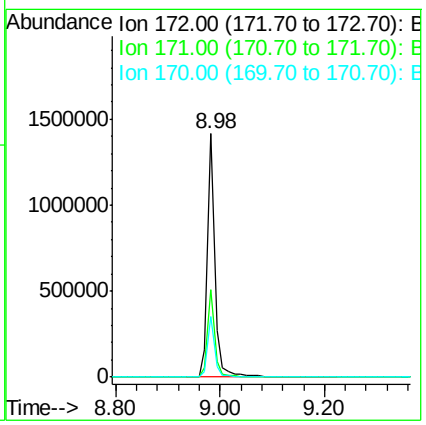


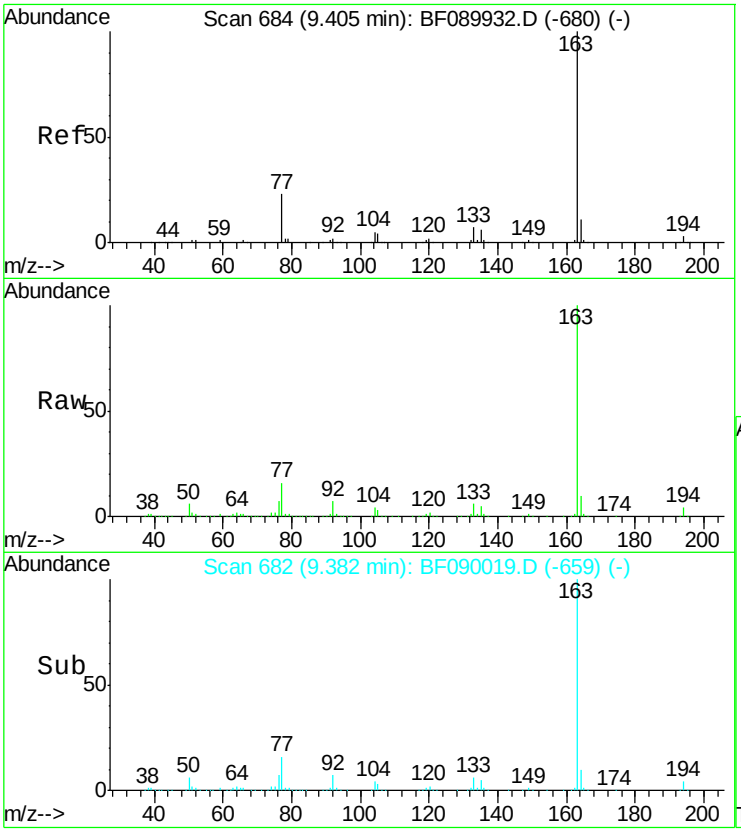


#44
2-Fluorobiphenyl
Concen: 68.95 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Tgt Ion:172 Resp: 1386267

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	25.1	20.1	30.1



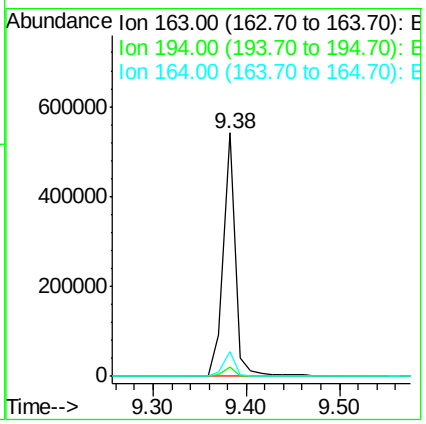


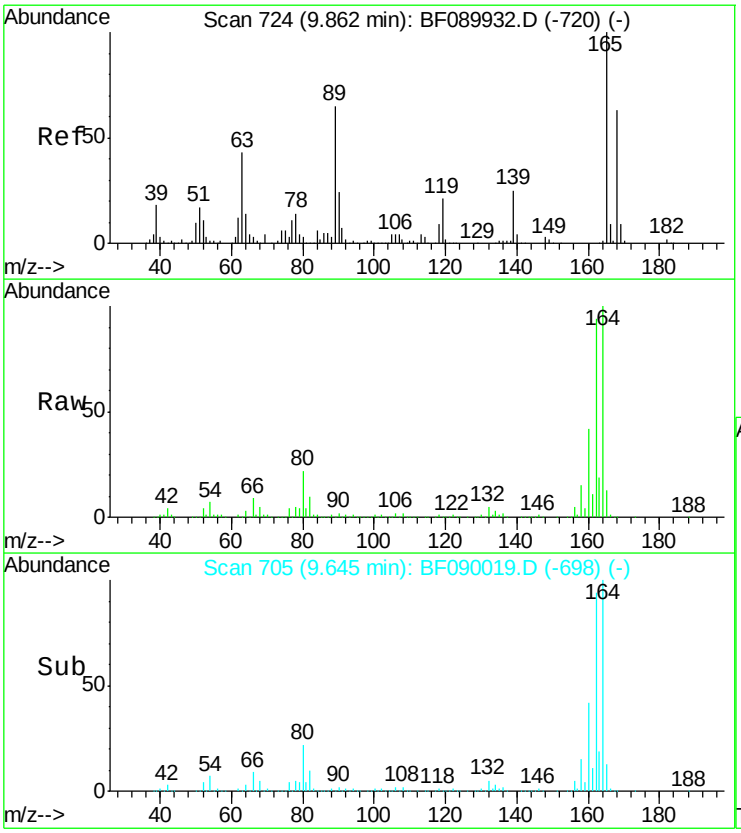
#49
Dimethylphthalate
Concen: 20.54 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Instrument :
BNA_F
ClientSampleId :
SP-003

Tgt Ion:163 Resp: 490098

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.3	9.0	13.4

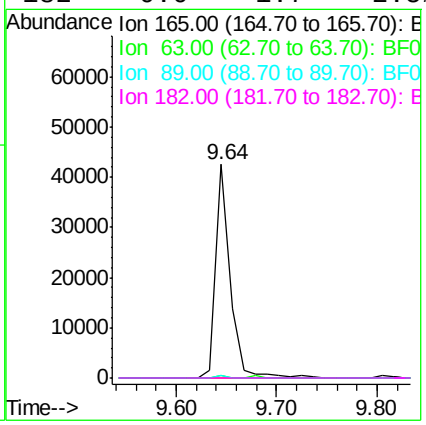


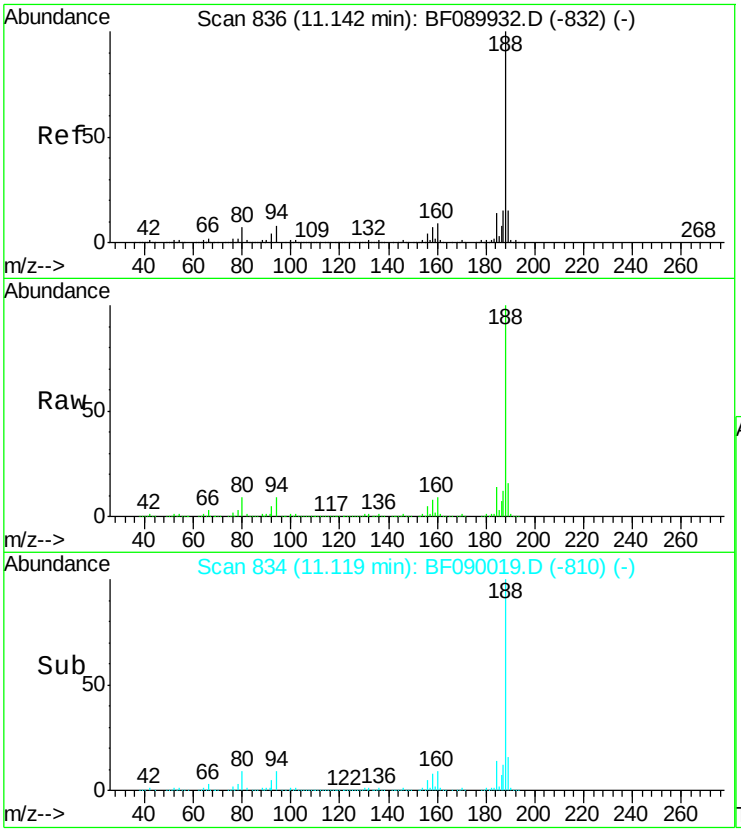


#56
2,4-Dinitrotoluene
Concen: 6.37 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.22 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Tgt Ion:165 Resp: 42835

Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.5	48.7#
89	1.3	48.3	72.5#
182	0.0	1.7	2.5#



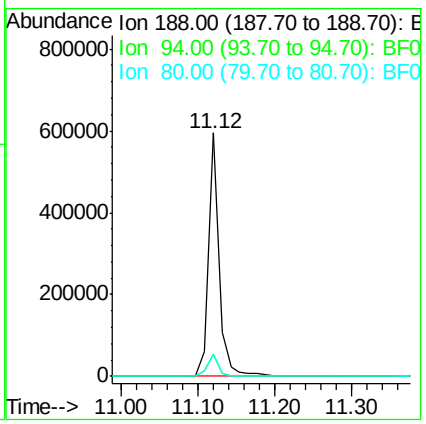


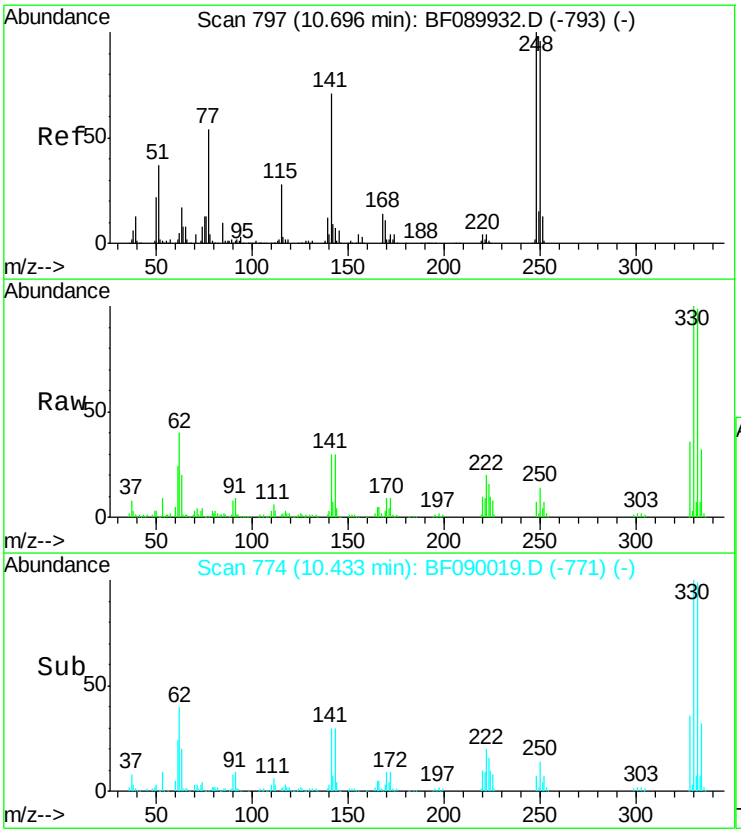
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Instrument :
BNA_F
ClientSampleId :
SP-003

Tgt Ion:188 Resp: 562879

Ion	Ratio	Lower	Upper
188	100		
94	9.3	5.9	8.9#
80	9.1	5.8	8.8#

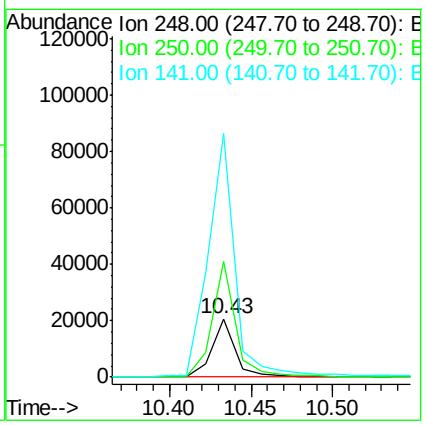


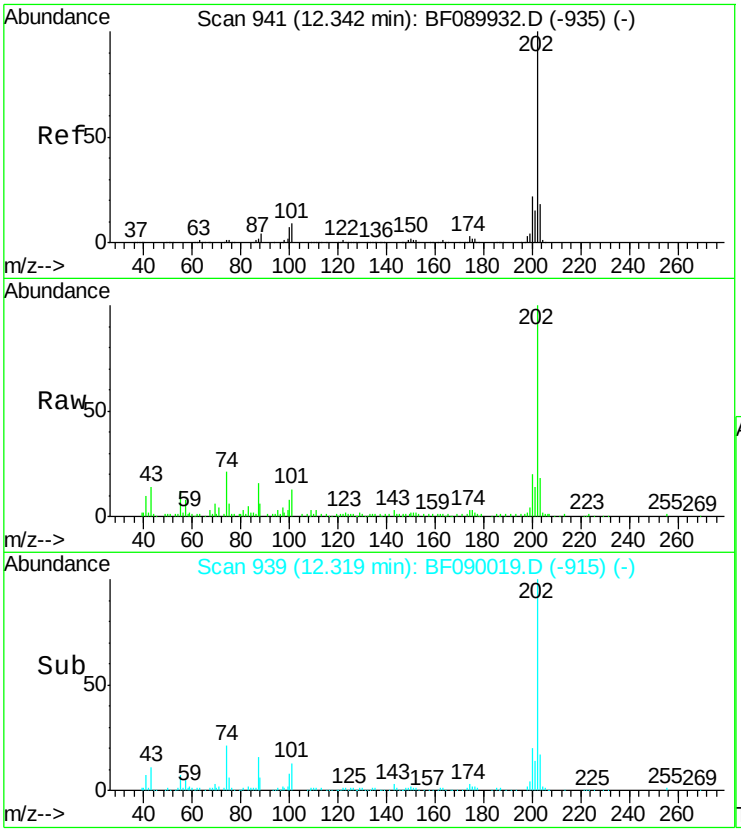


#66
4-Bromophenyl-phenylether
Concen: 3.62 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.26 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Tgt Ion:248 Resp: 20488

Ion	Ratio	Lower	Upper
248	100		
250	198.0	77.3	115.9#
141	417.9	55.8	83.8#



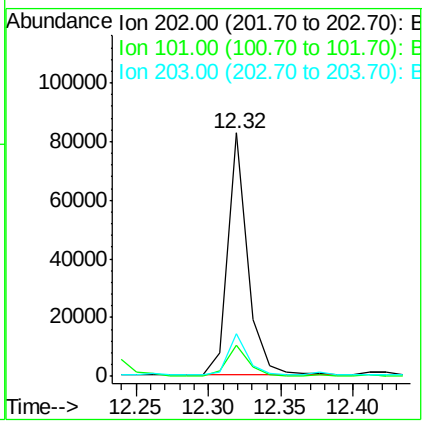


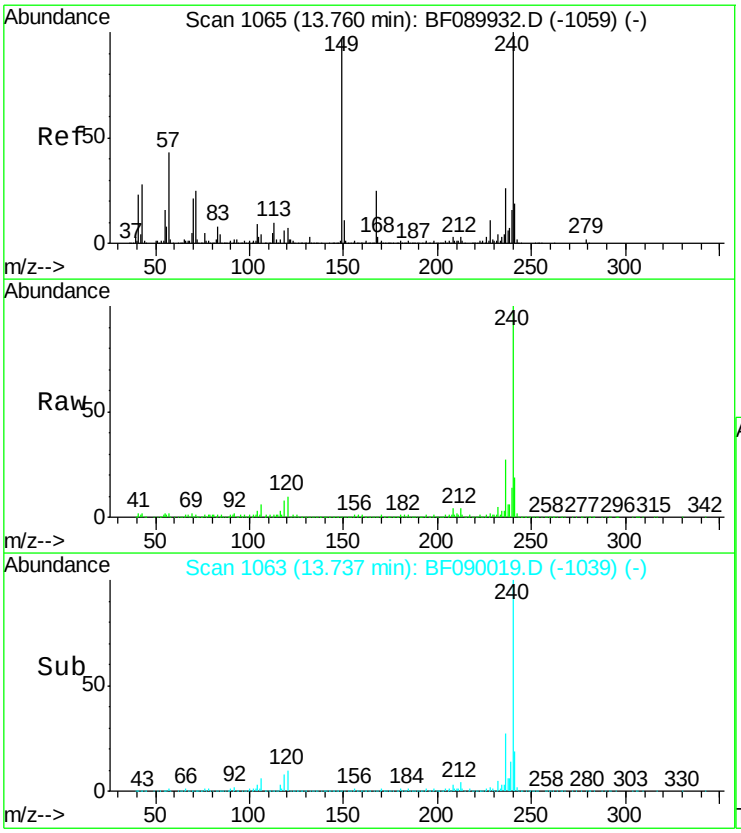
#74
Fluoranthene
Concen: 2.68 ng
RT: 12.32 min Scan# 939
Delta R.T. -0.02 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Instrument :
BNA_F
ClientSampleId :
SP-003

Tgt Ion:202 Resp: 78646

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	28.5
203	17.7	0.0	38.0

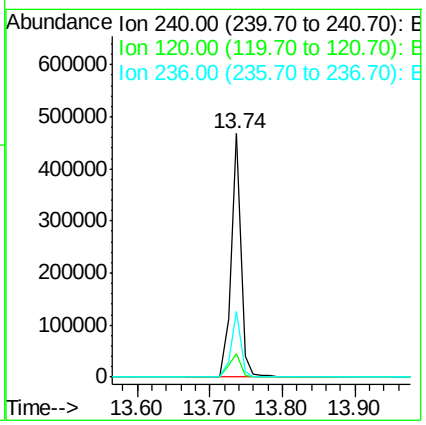


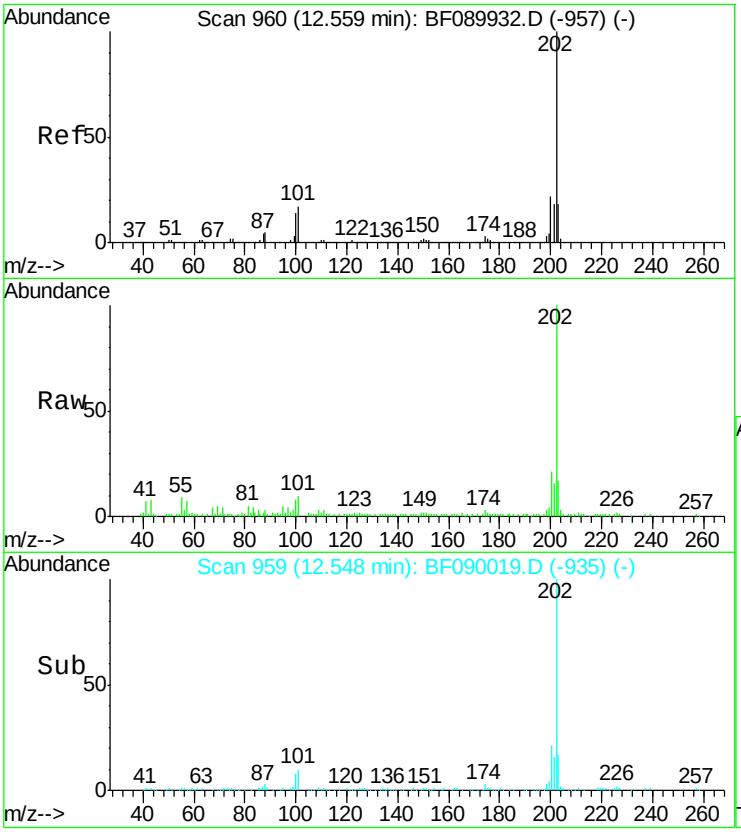


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Tgt Ion:240 Resp: 435118

Ion	Ratio	Lower	Upper
240	100		
120	9.8	5.7	8.5#
236	27.0	21.3	31.9



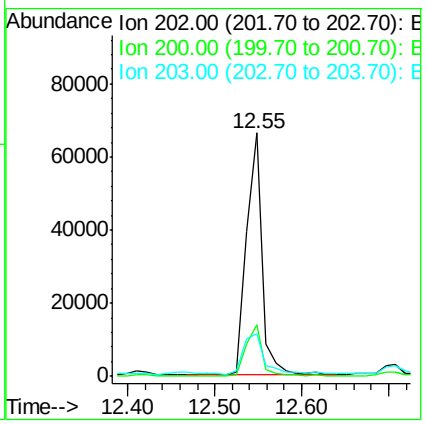


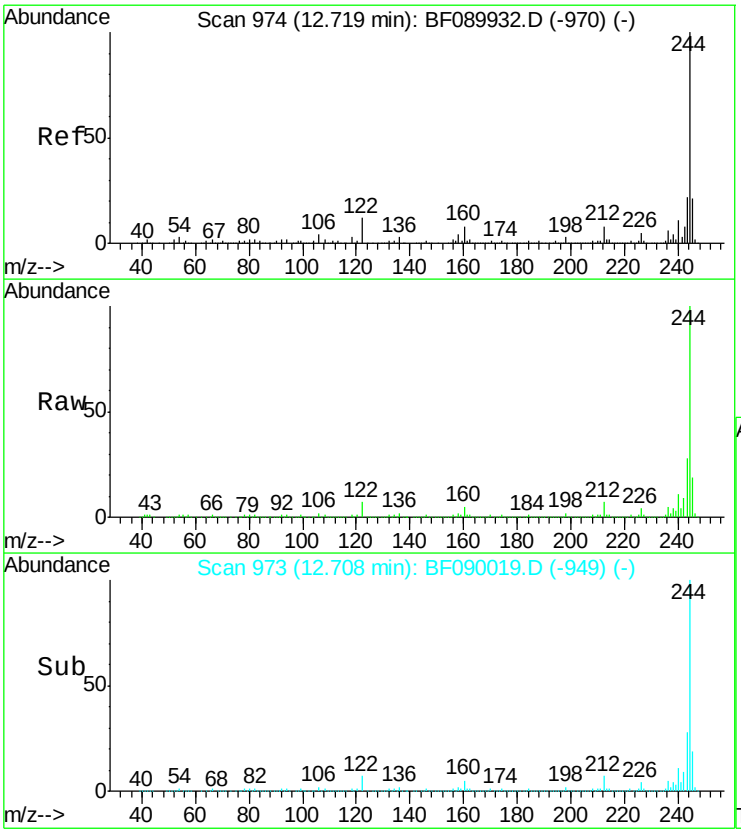
#77
Pyrene
Concen: 2.72 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Instrument :
BNA_F
ClientSampleId :
SP-003

Tgt Ion:202 Resp: 83432

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	17.3	14.6	21.8

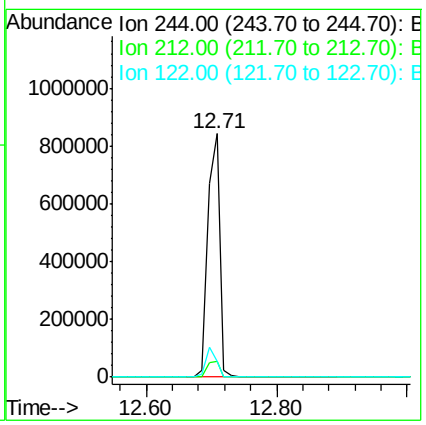


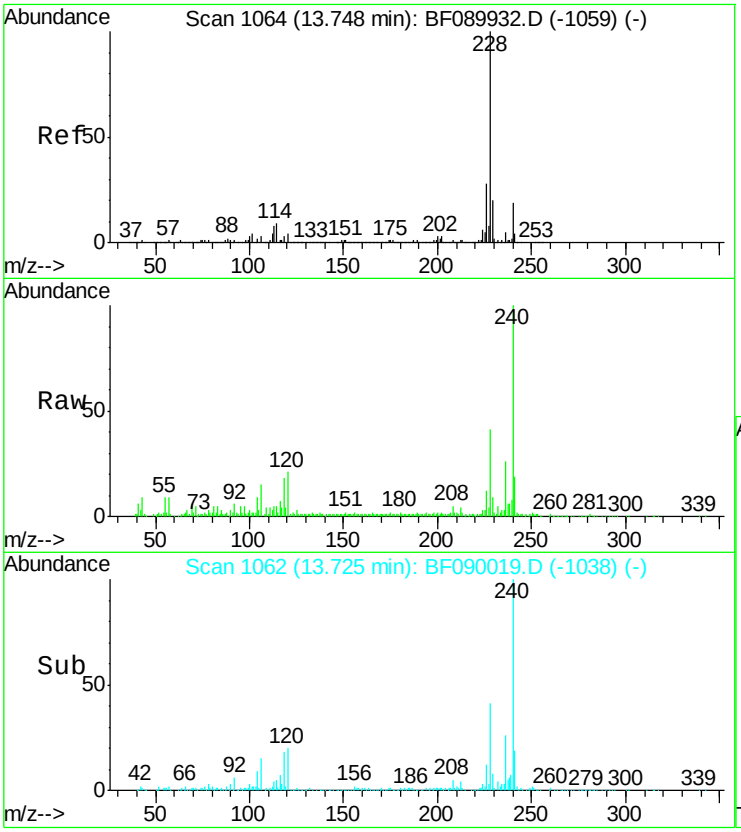


#78
Terphenyl-d14
Concen: 61.55 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.02 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Tgt Ion:244 Resp: 1084229

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.1	9.1
122	6.6	9.6	14.4#



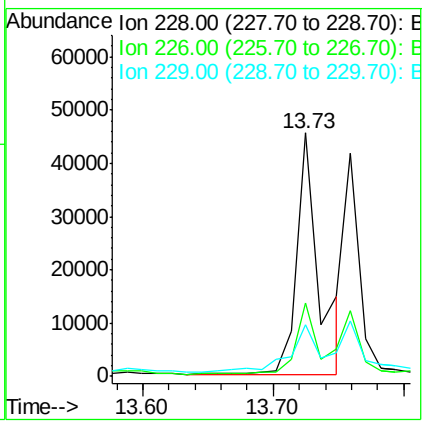


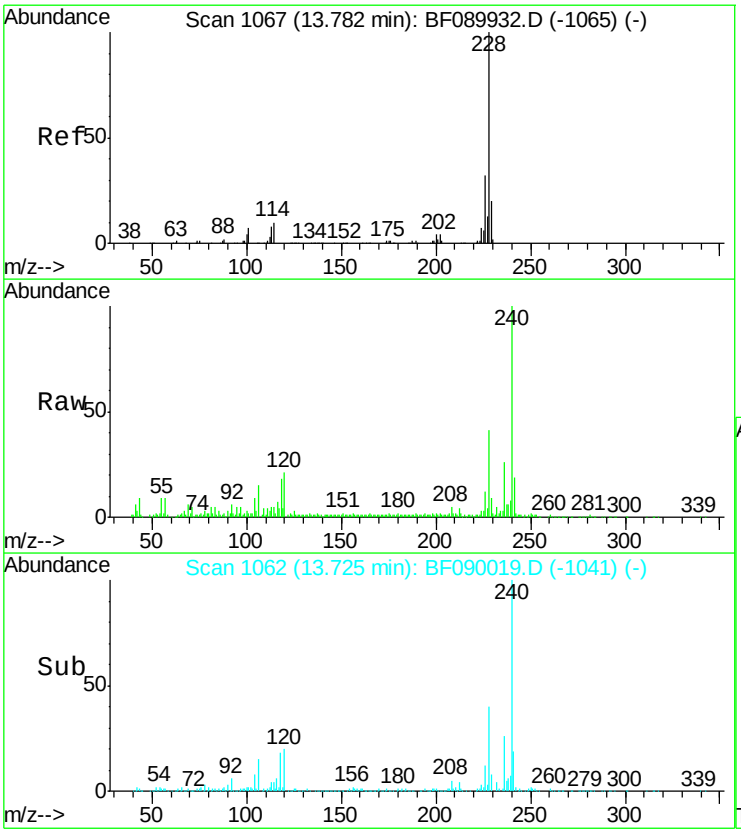
#80
Benzo(a)anthracene
Concen: 2.04 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Instrument :
BNA_F
ClientSampleId :
SP-003

Tgt Ion:228 Resp: 54422

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.2	33.2
229	21.5	15.8	23.6

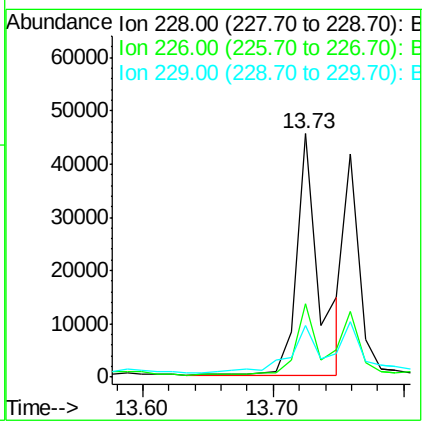


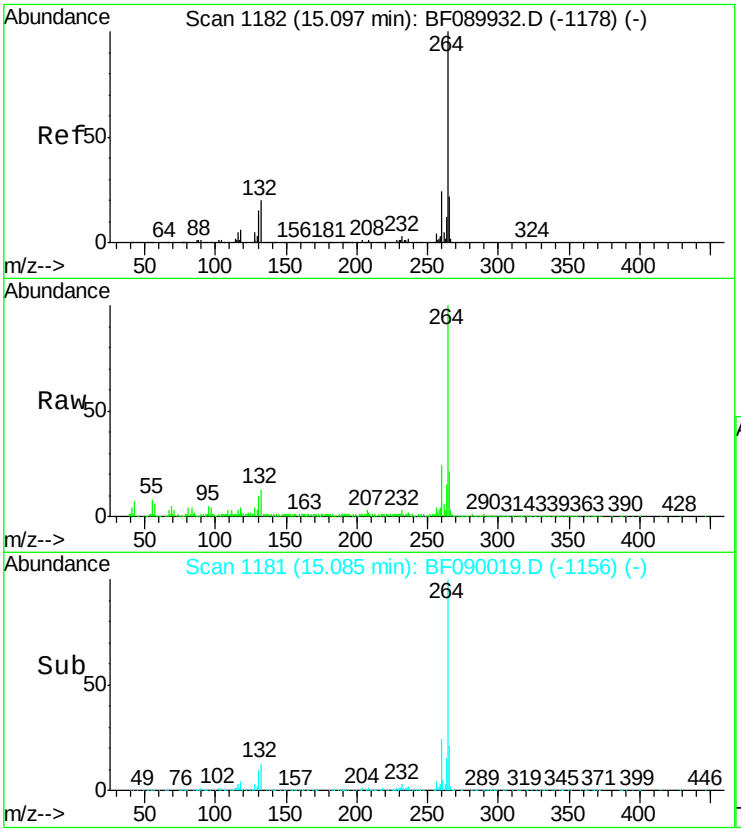


#82
Chrysene
Concen: 2.19 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.06 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Tgt Ion:228 Resp: 54422

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.2	37.8
229	21.5	16.2	24.2



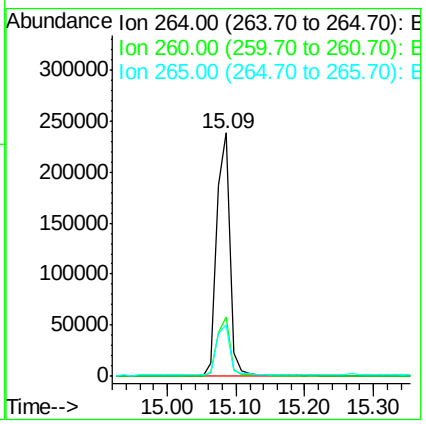


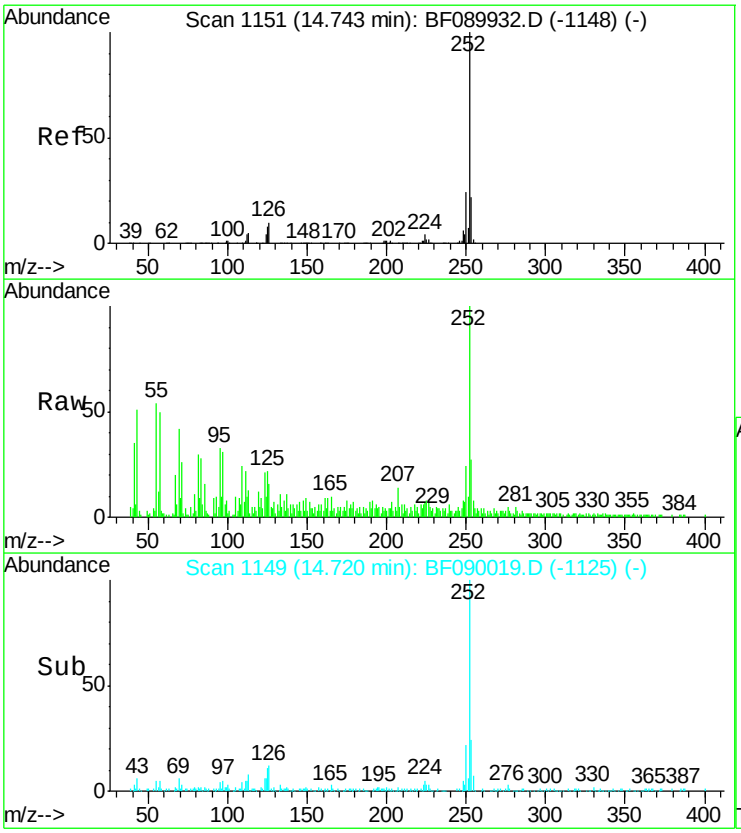
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Instrument :
BNA_F
ClientSampleId :
SP-003

Tgt Ion:264 Resp: 325581

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.3	17.4	26.2

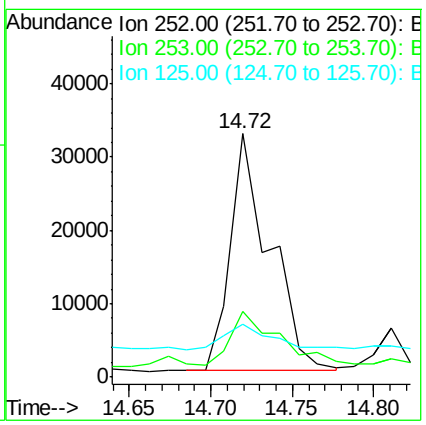


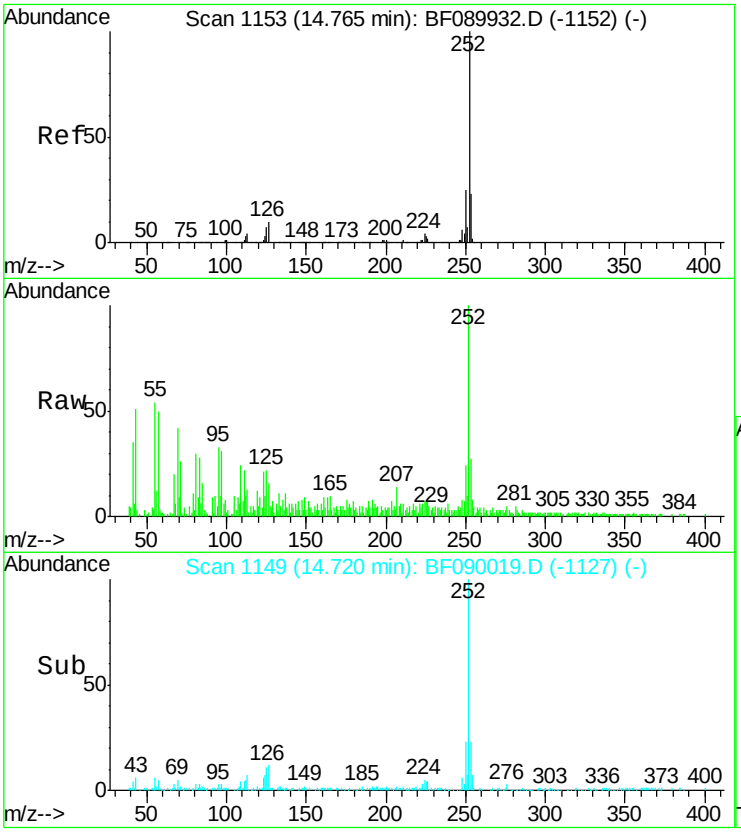


#87
Benzo(b)fluoranthene
Concen: 2.65 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Tgt Ion:252 Resp: 54006

Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.0	27.0#
125	22.0	5.7	8.5#





#88
Benzo(k)fluoranthene
Concen: 3.12 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF090019.D
Acq: 7 Sep 2016 21:59

Instrument :
BNA_F
ClientSampleId :
SP-003

Tgt Ion:252 Resp: 54006

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.8	26.8#
125	22.0	7.3	10.9#