Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085687.D
Acq On : 23 Mar 2016 5:32
Operator : UM/SJ
Sample : H1858-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRACK-D-GRID-12A

Quant Time: Mar 23 05:42:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	137701	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	569625	20.00	ng		-0.02
38) Acenaphthene-d10	9.86	164	240007	20.00	ng		-0.03
63) Phenanthrene-d10	11.35	188	432134	20.00	ng		-0.03
75) Chrysene-d12	13.98	240	251011	20.00	ng		-0.03
86) Perylene-d12	15.40	264	241305	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1213167	147.98	ng		-0.01
7) Phenol-d6	6.47	99	1567751	149.10	ng		-0.02
23) Nitrobenzene-d5	7.40	82	973432	99.19	ng		-0.03
41) 2,4,6-Tribromophenol	10.66	330	419602	178.48	ng		-0.02
44) 2-Fluorobiphenyl	9.20	172	1702763	147.43	ng		-0.02
78) Terphenyl-d14	12.94	244	1250022	119.84	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.61	77	27551	3.24	ng		89
15) Benzyl Alcohol	6.98	79	14709	2.04	ng	#	49
19) n-Nitroso-di-n-propylamine	7.40	70	125868	20.04	ng	#	78
25) Isophorone	7.40	82	821414	41.81	ng	#	68
49) Dimethylphthalate	9.59	163	364043	20.10	ng		99
56) 2,4-Dinitrotoluene	9.86	165	31314	6.26	ng	#	38
66) 4-Bromophenyl-phenylether	10.66	248	26390	6.11	ng	#	1
74) Fluoranthene	12.56	202	61942	2.60	ng		90
77) Pyrene	12.79	202	63972	3.55	ng		99
80) Benzo(a)anthracene	13.97	228	39338	2.70	ng		94
82) Chrysene	13.97	228	39338	2.81	ng		97
87) Benzo(b)fluoranthene	15.00	252	75220	4.78	ng		98
88) Benzo(k)fluoranthene	15.00	252	75220	5.80	ng	#	96

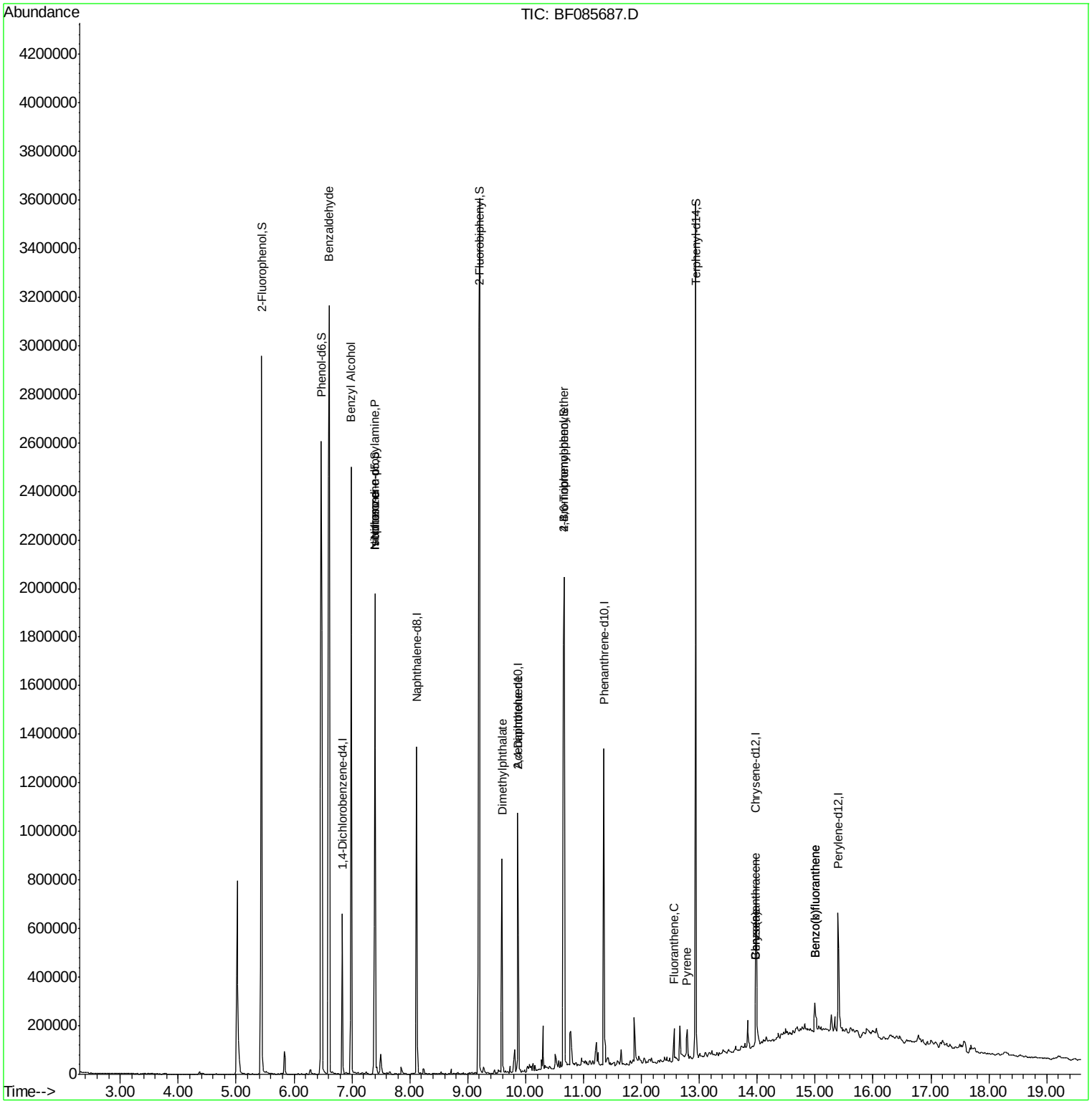
(#) = qualifier out of range (m) = manual integration (+) = signals summed

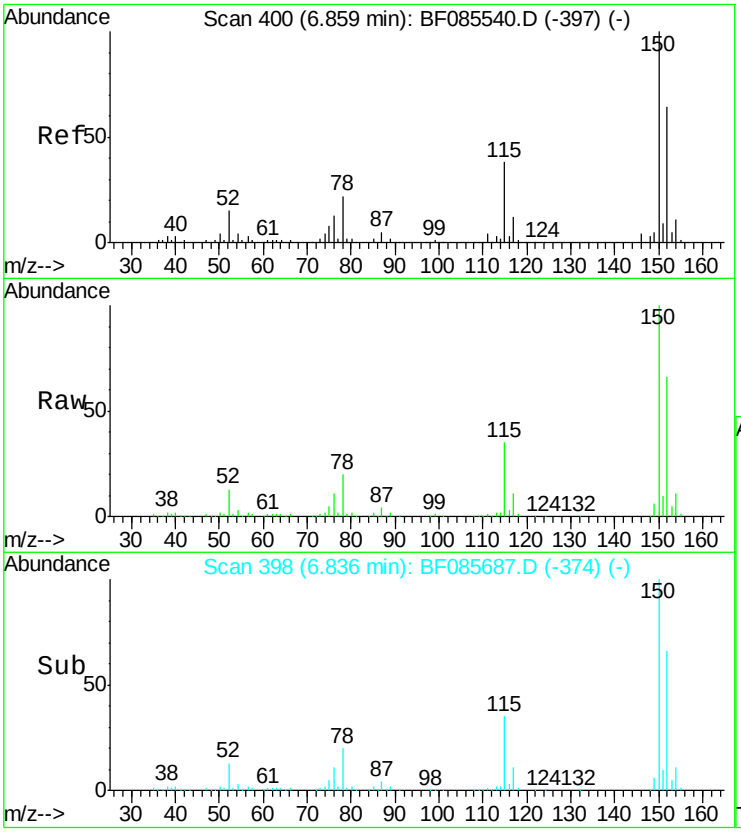
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085687.D
Acq On : 23 Mar 2016 5:32
Operator : UM/SJ
Sample : H1858-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12A

Quant Time: Mar 23 05:42:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration



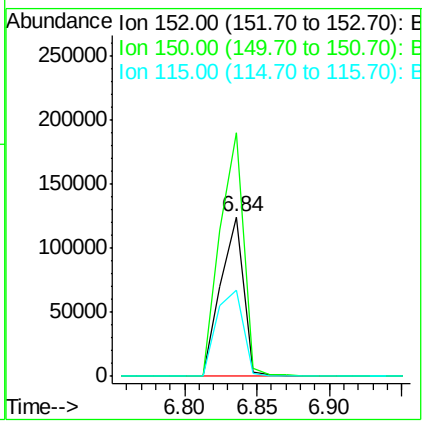


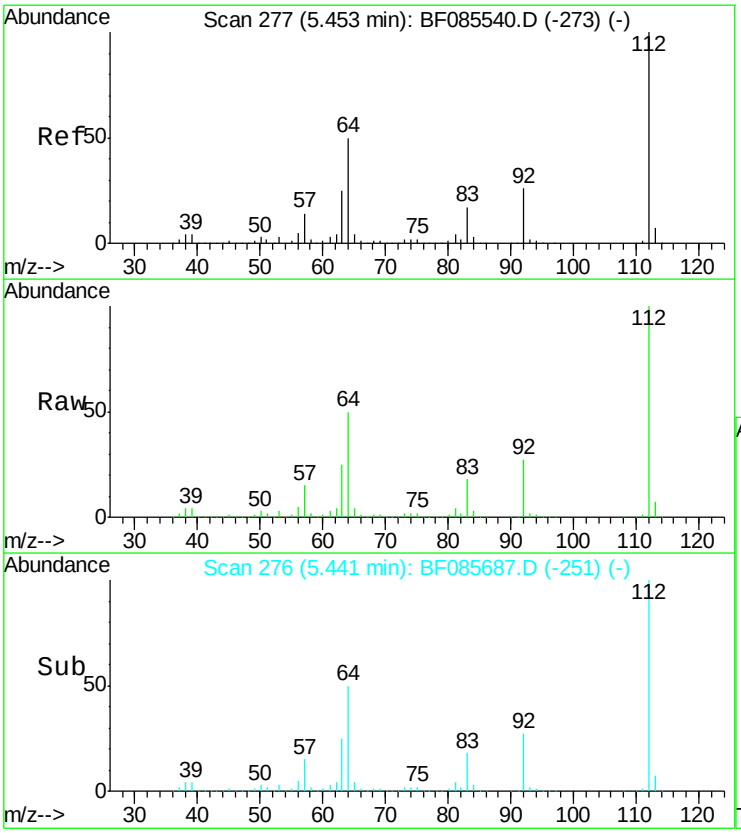
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12A

Tgt Ion:152 Resp: 137701

Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.2	186.2
115	54.1	47.0	70.6

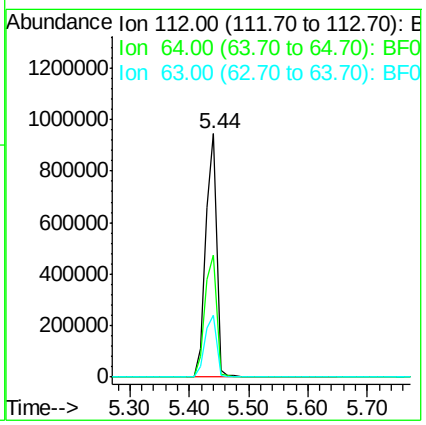


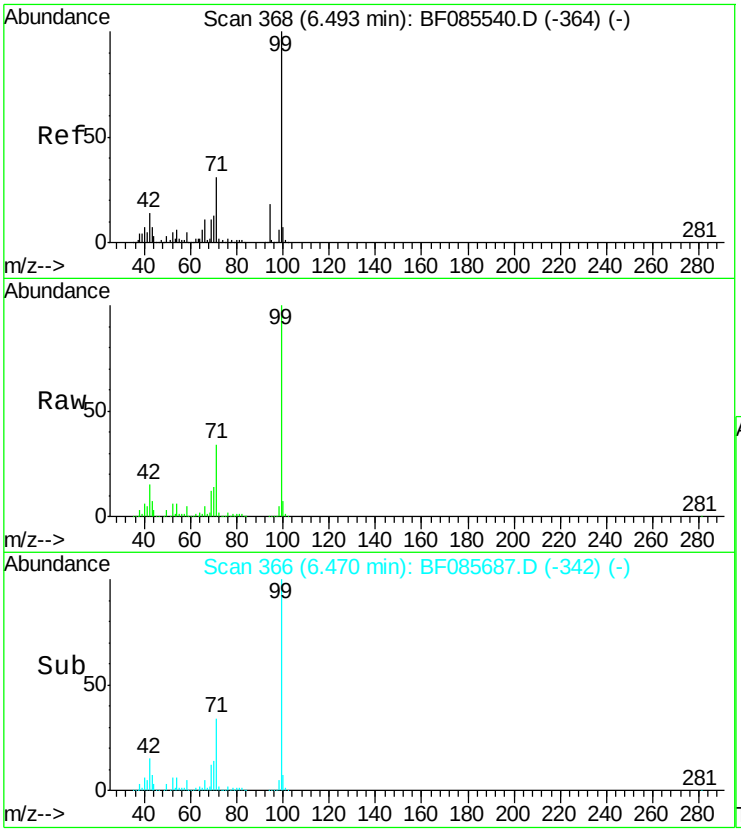


#5
2-Fluorophenol
Concen: 147.98 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.01 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Tgt Ion:112 Resp: 1213167

Ion	Ratio	Lower	Upper
112	100		
64	50.3	39.9	59.9
63	25.5	20.2	30.2



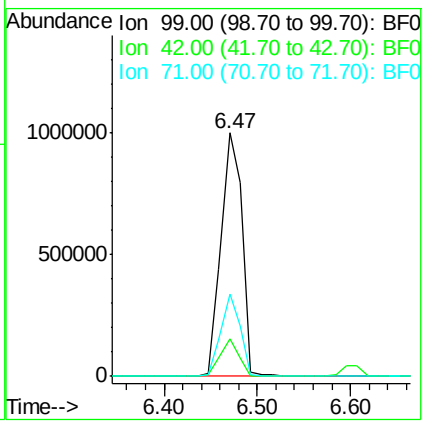


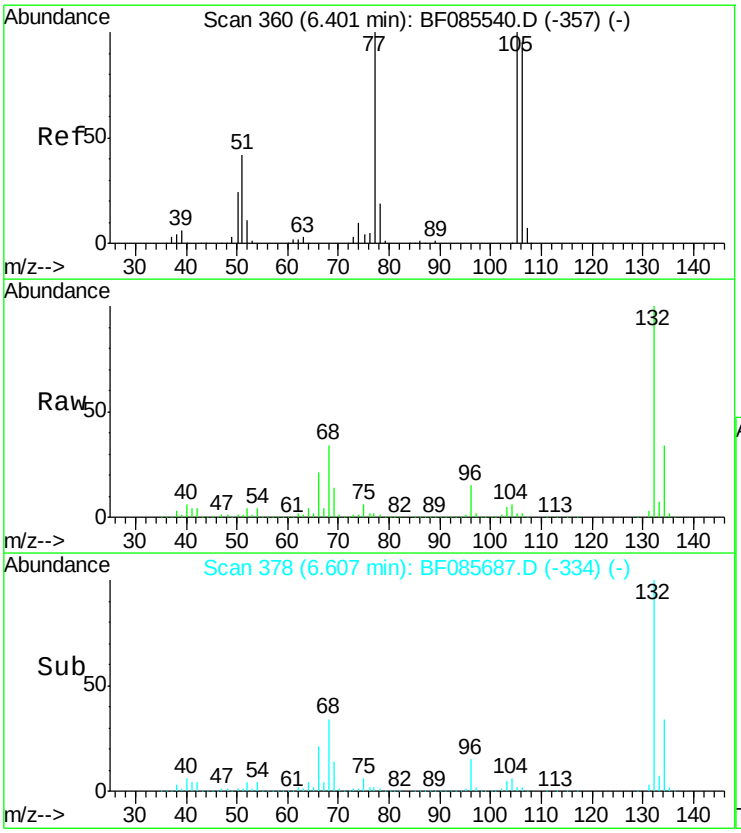
#7
Phenol-d6
Concen: 149.10 ng
RT: 6.47 min Scan# 366
Delta R.T. -0.02 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12A

Tgt Ion: 99 Resp: 1567751

Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.1	16.7
71	33.9	24.9	37.3

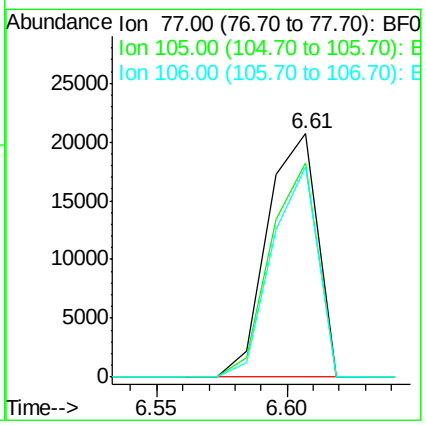


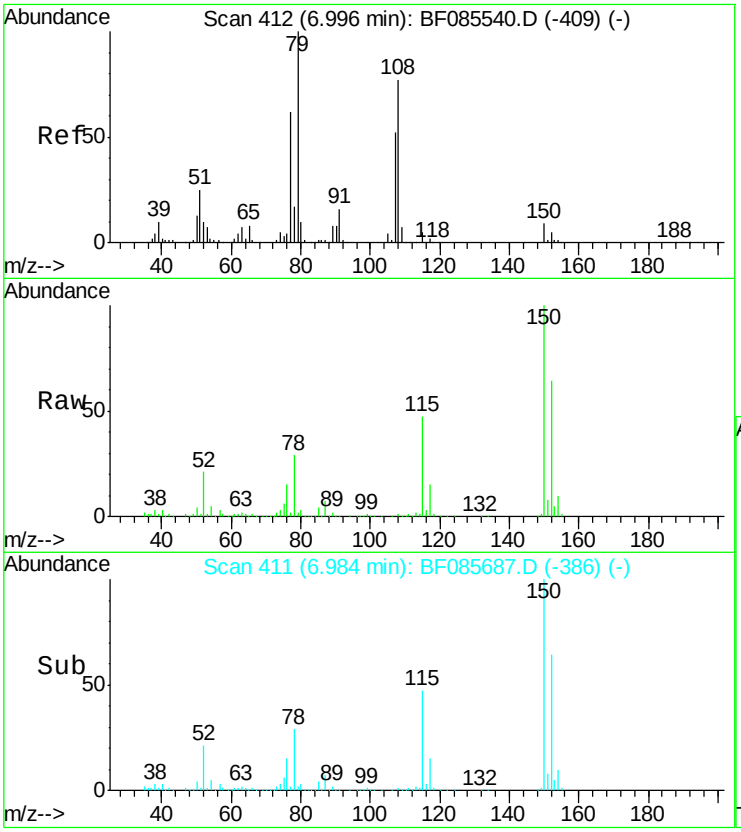


#9
Benzaldehyde
Concen: 3.24 ng
RT: 6.61 min Scan# 378
Delta R.T. 0.21 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Tgt Ion: 77 Resp: 27551

Ion	Ratio	Lower	Upper
77	100		
105	88.0	80.1	120.1
106	86.1	75.0	115.0



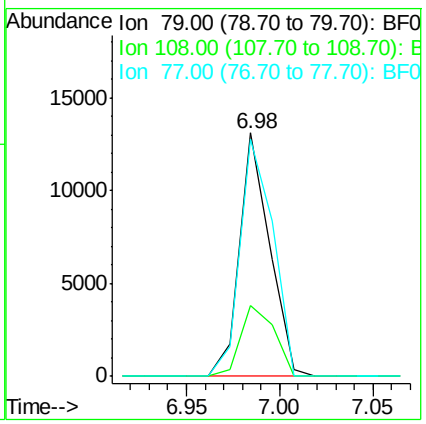


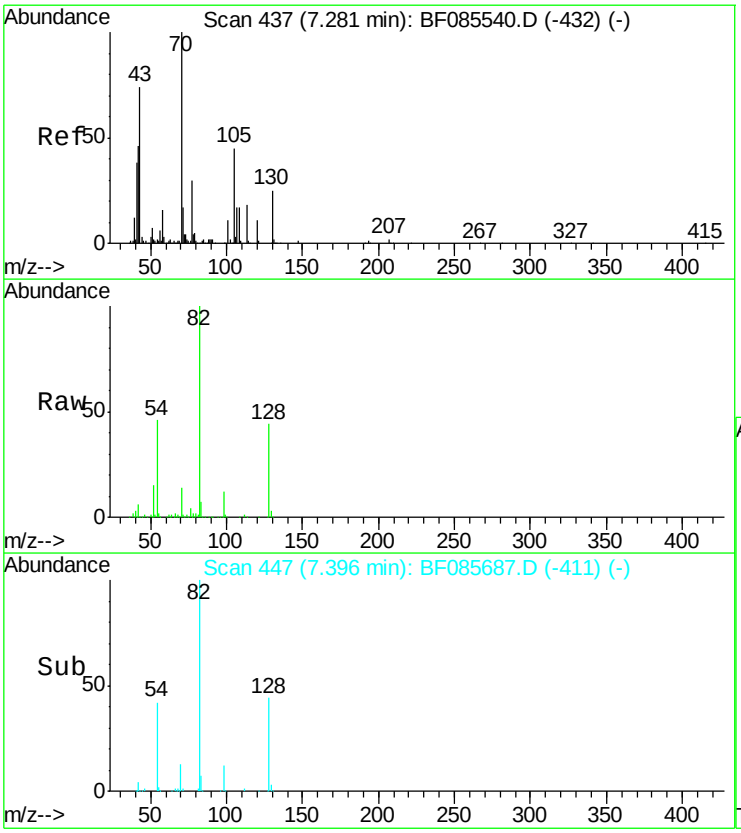
#15
Benzyl Alcohol
Concen: 2.04 ng
RT: 6.98 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12A

Tgt Ion: 79 Resp: 14709

Ion	Ratio	Lower	Upper
79	100		
108	29.1	61.8	92.6#
77	97.4	49.6	74.4#

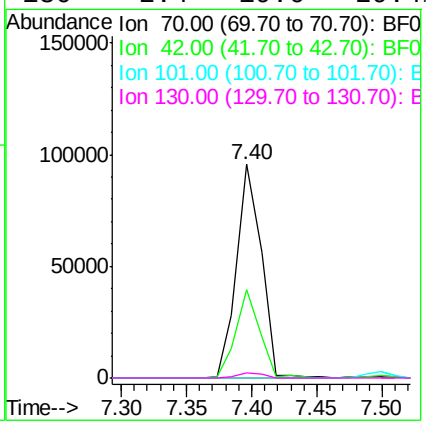


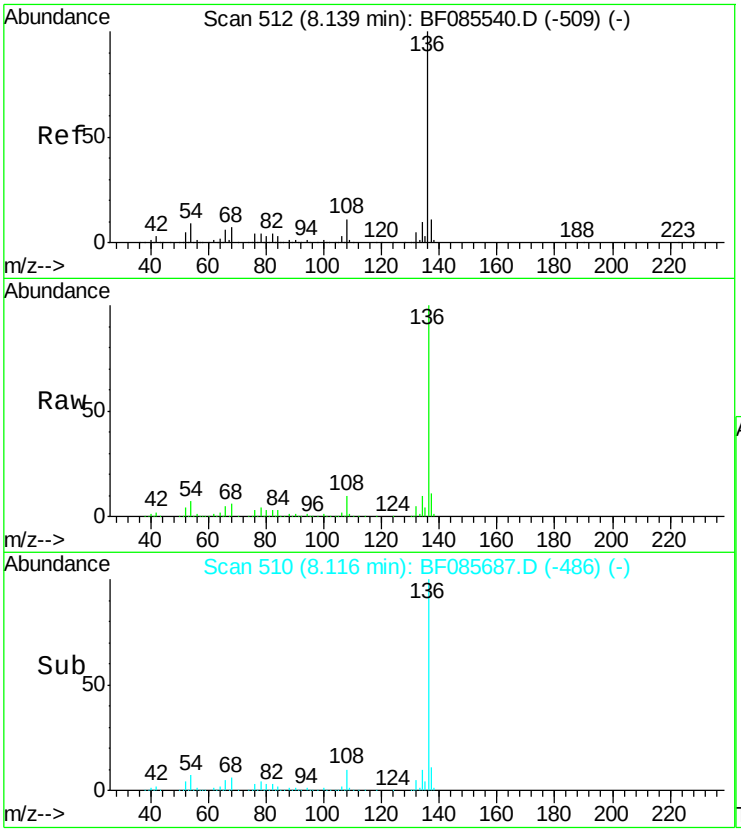


#19
n-Nitroso-di-n-propylamine
Concen: 20.04 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.11 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Tgt Ion: 70 Resp: 125868

Ion	Ratio	Lower	Upper
70	100		
42	41.1	37.1	55.7
101	0.0	8.6	12.8#
130	2.4	19.6	29.4#



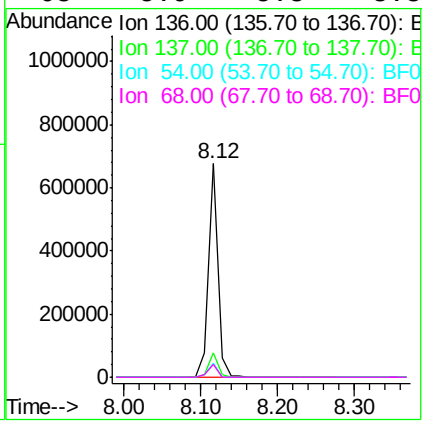


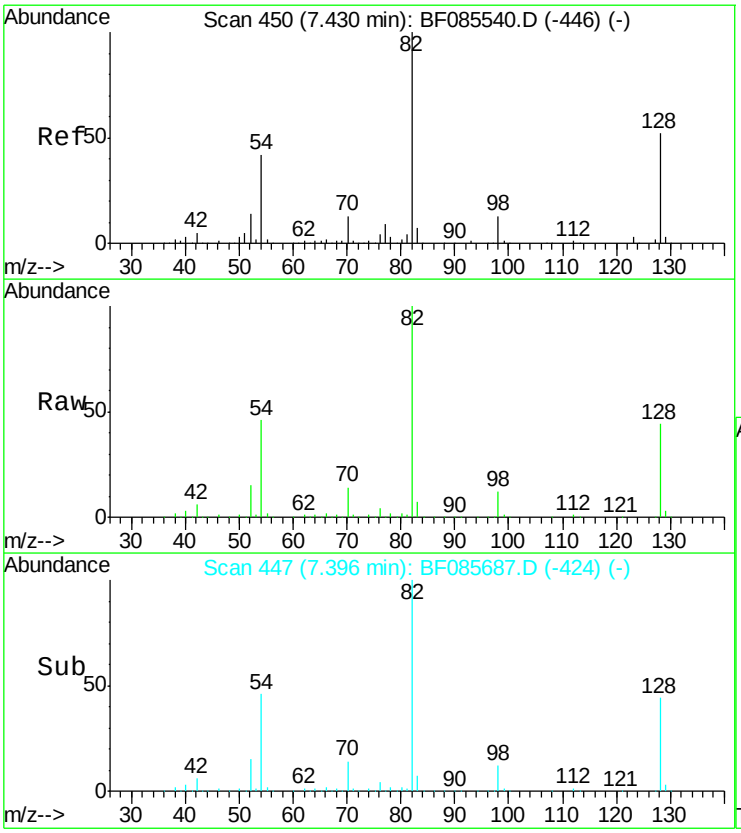
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12A

Tgt Ion:136 Resp: 569625

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.9	7.4	11.0#
68	5.9	5.8	8.8

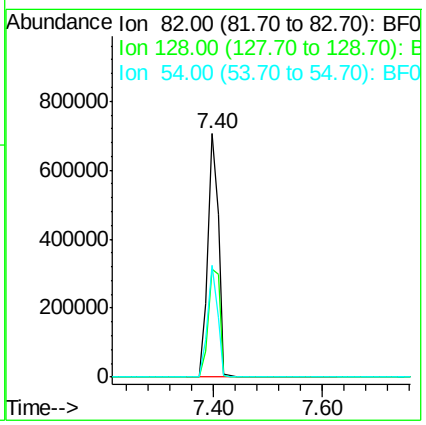


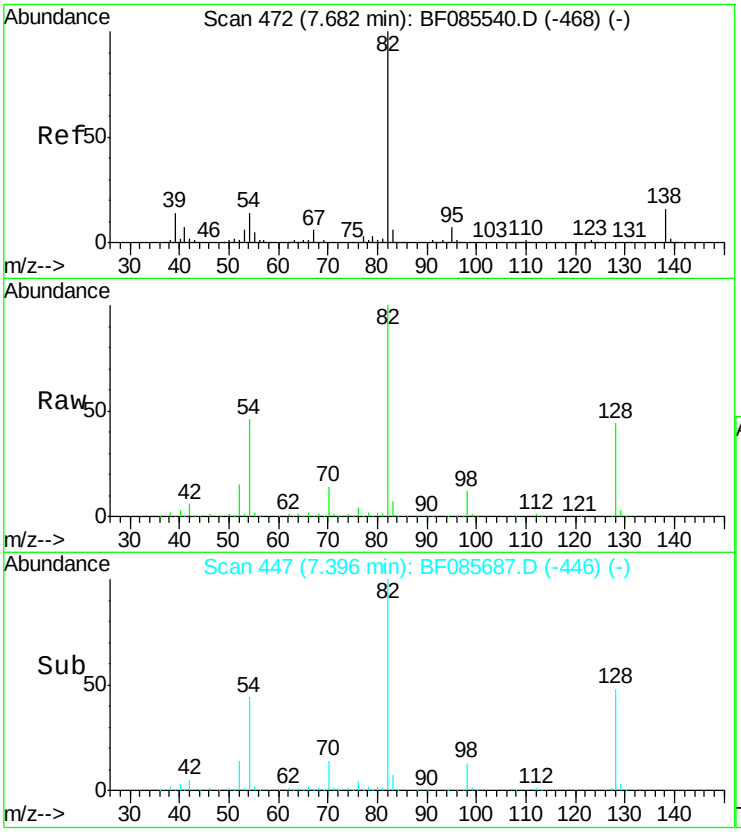


#23
Nitrobenzene-d5
Concen: 99.19 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Tgt Ion: 82 Resp: 973432

Ion	Ratio	Lower	Upper
82	100		
128	44.3	41.8	62.8
54	45.9	33.4	50.0



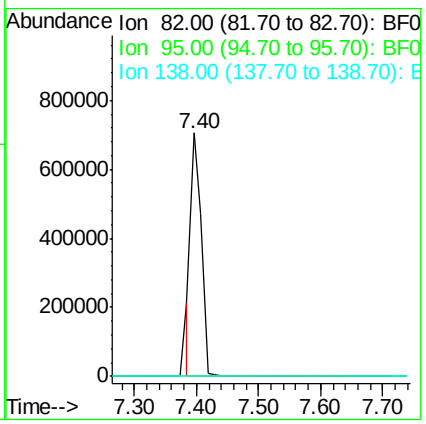


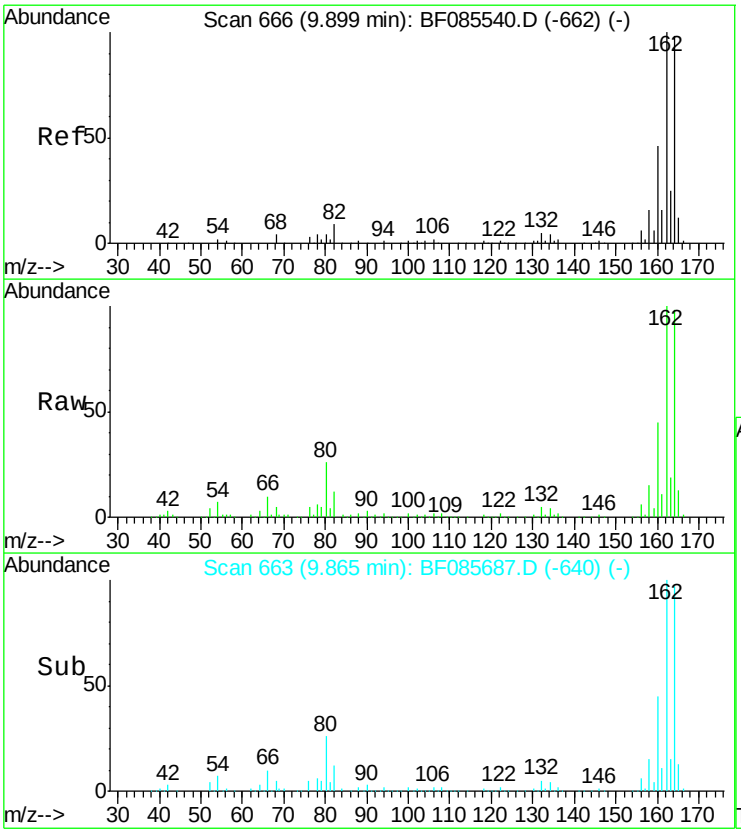
#25
Isophorone
Concen: 41.81 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.29 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12A

Tgt Ion: 82 Resp: 821414

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#

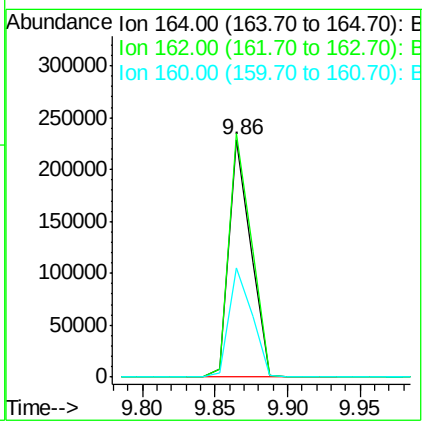


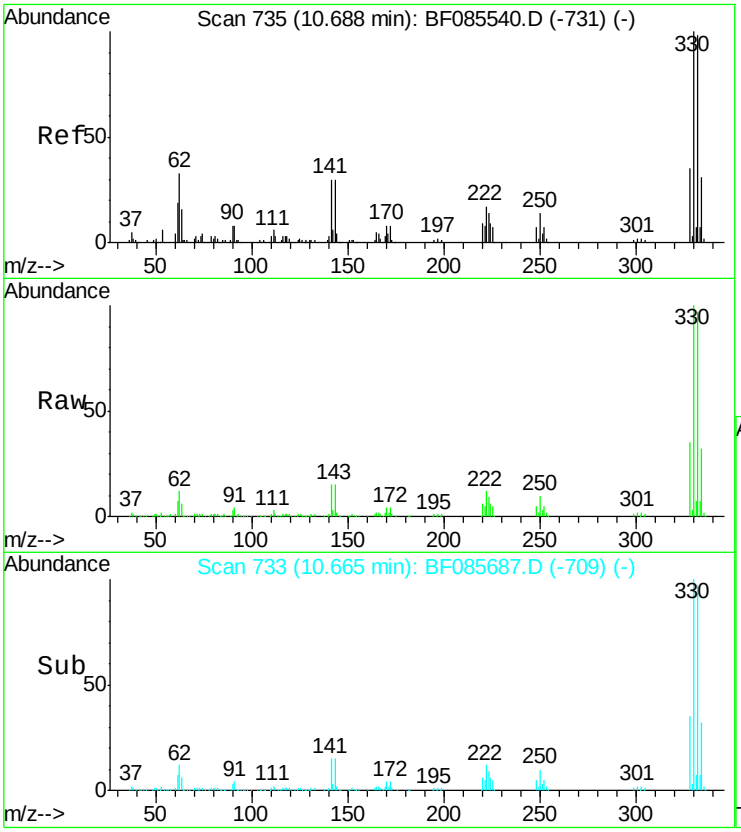


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.03 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Tgt Ion:164 Resp: 240007

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.1	123.1
160	46.1	37.4	56.2



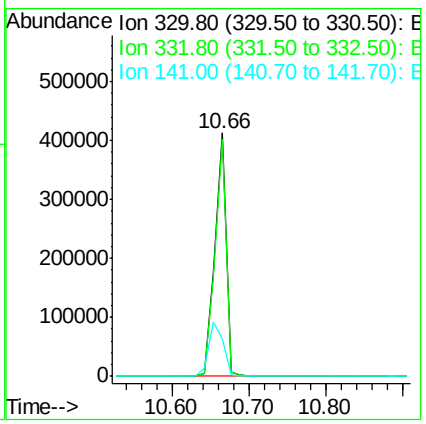


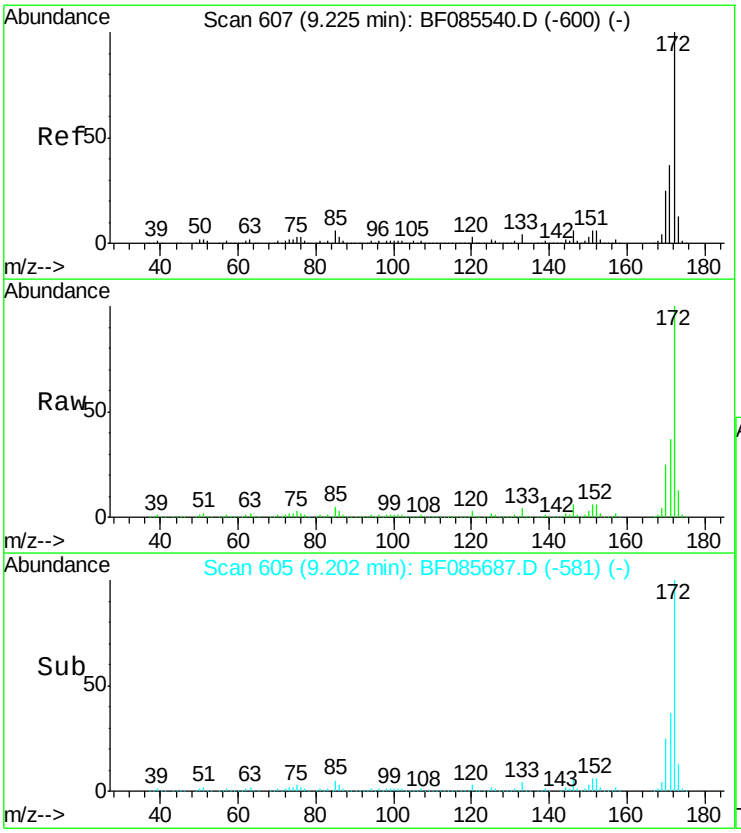
#41
2,4,6-Tribromophenol
Concen: 178.48 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12A

Tgt Ion:330 Resp: 419602

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.2
141	28.5	31.5	47.3#

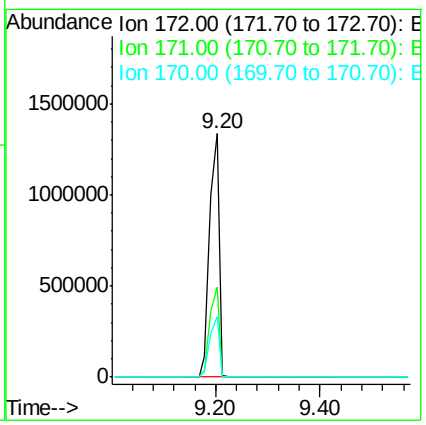


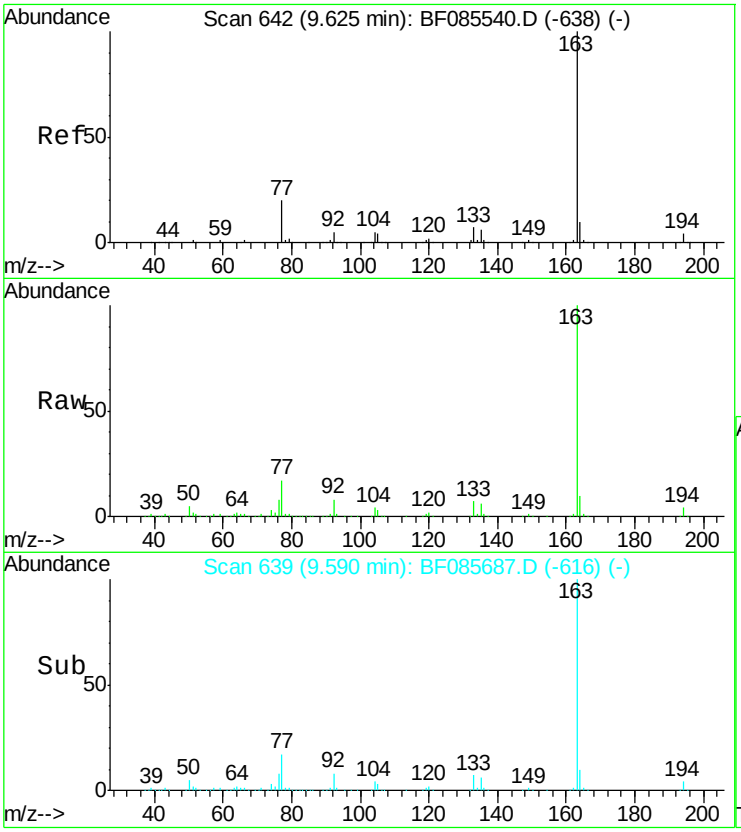


#44
2-Fluorobiphenyl
Concen: 147.43 ng
RT: 9.20 min Scan# 605
Delta R.T. -0.02 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Tgt Ion:172 Resp: 1702763

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.2
170	24.8	19.8	29.6



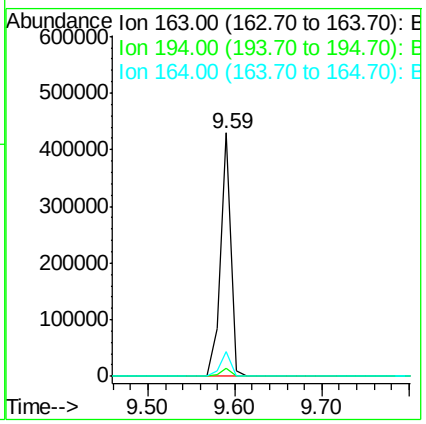


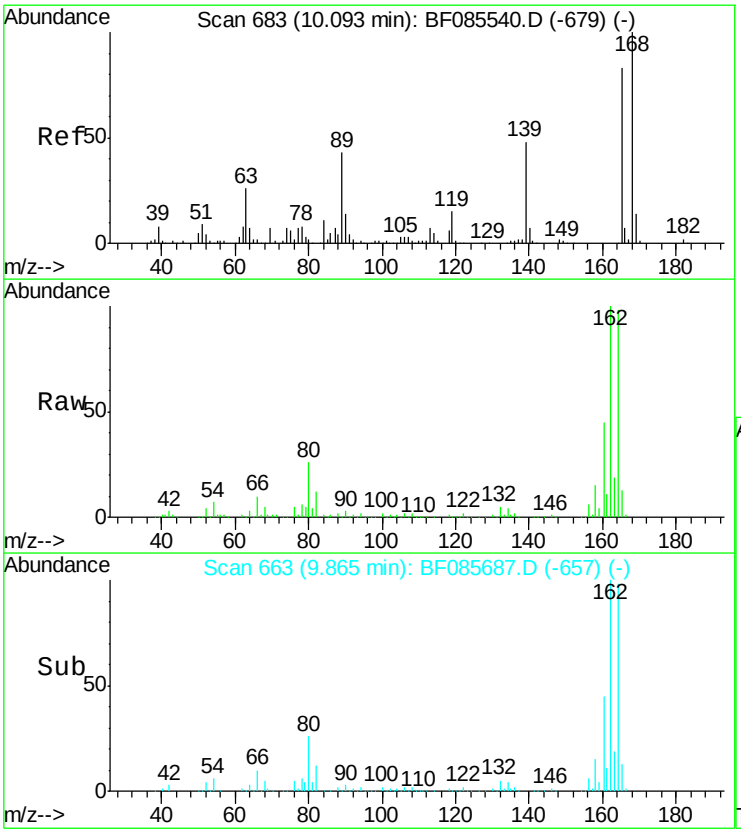
#49
Dimethylphthalate
Concen: 20.10 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12A

Tgt Ion:163 Resp: 364043

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	10.0	8.3	12.5

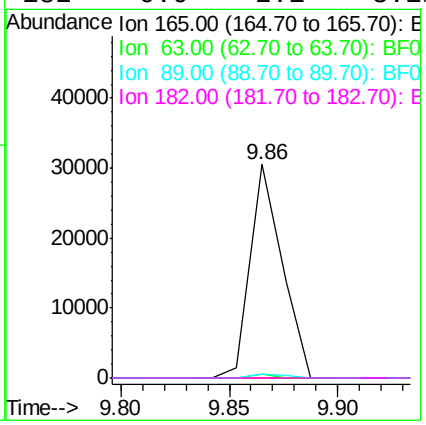


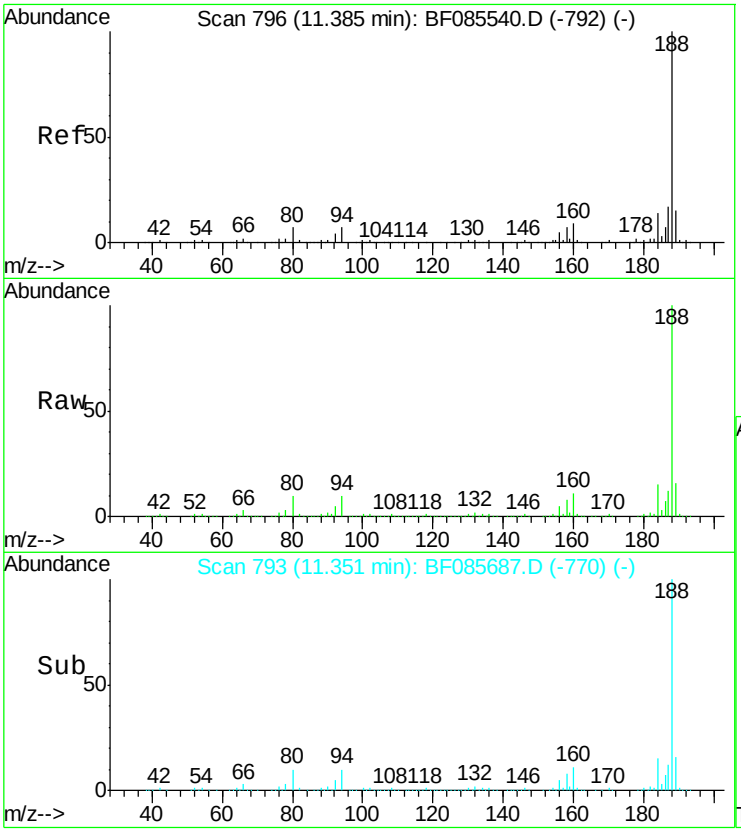


#56
2,4-Dinitrotoluene
Concen: 6.26 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.23 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Tgt Ion:165 Resp: 31314

Ion	Ratio	Lower	Upper
165	100		
63	1.6	24.9	37.3#
89	2.0	41.0	61.6#
182	0.0	2.1	3.1#



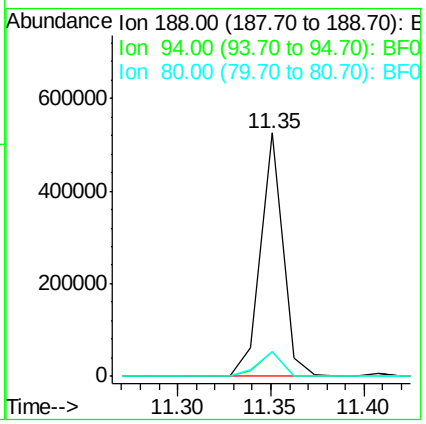


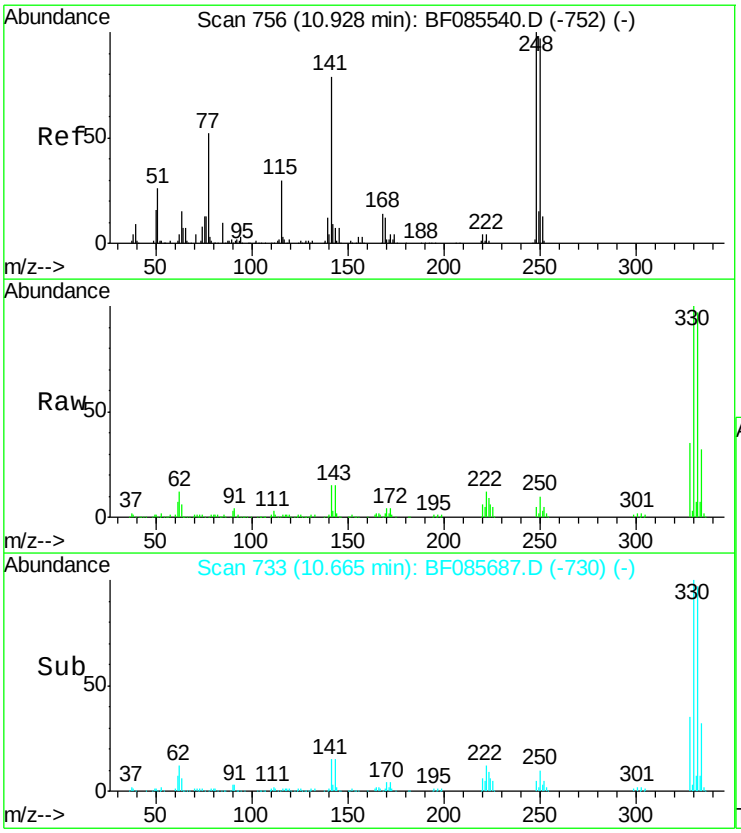
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.03 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12A

Tgt Ion:188 Resp: 432134

Ion	Ratio	Lower	Upper
188	100		
94	10.0	5.4	8.0#
80	10.2	5.5	8.3#

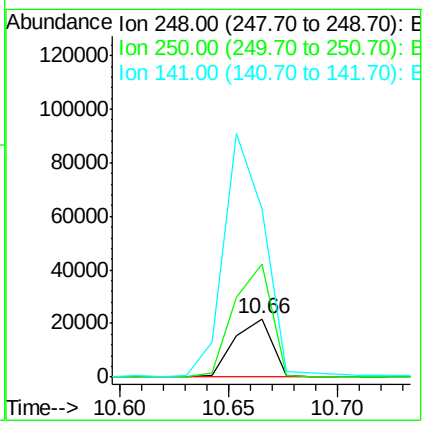


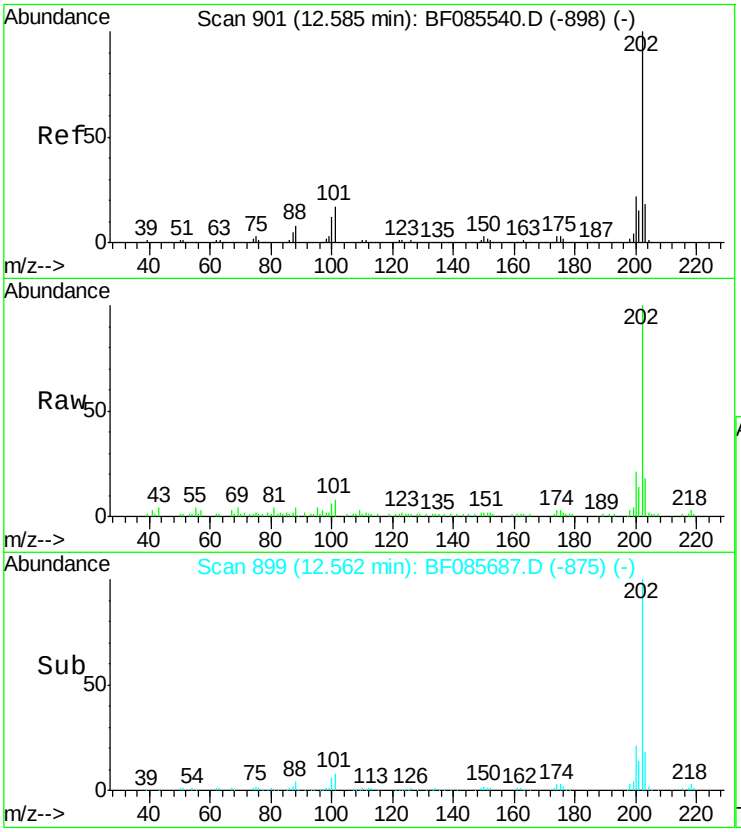


#66
4-Bromophenyl-phenylether
Concen: 6.11 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.26 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Tgt Ion:248 Resp: 26390

Ion	Ratio	Lower	Upper
248	100		
250	193.3	77.4	116.0#
141	286.2	63.6	95.4#



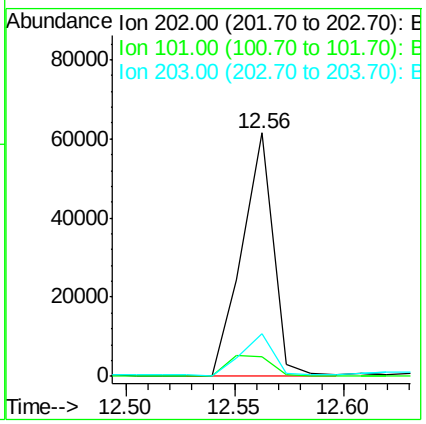


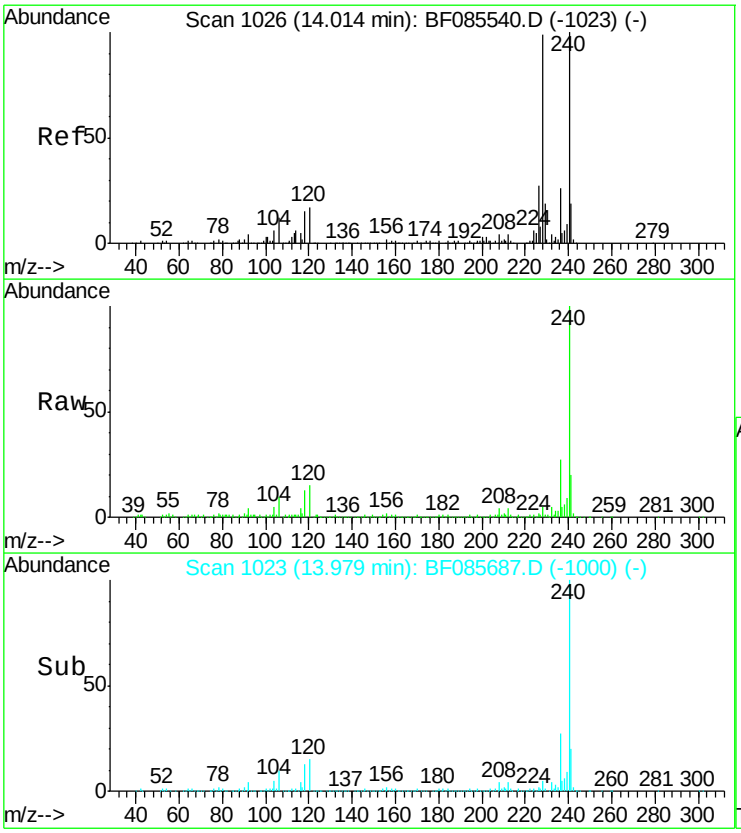
#74
Fluoranthene
Concen: 2.60 ng
RT: 12.56 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12A

Tgt Ion:202 Resp: 61942

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	36.6
203	17.6	0.0	38.1

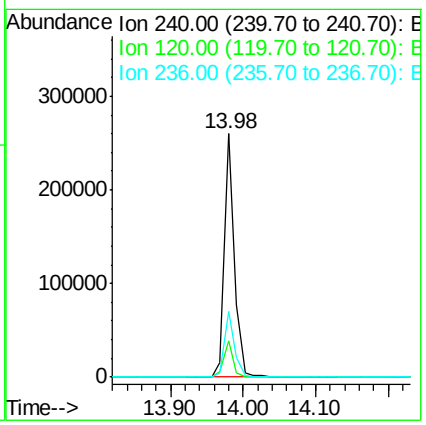


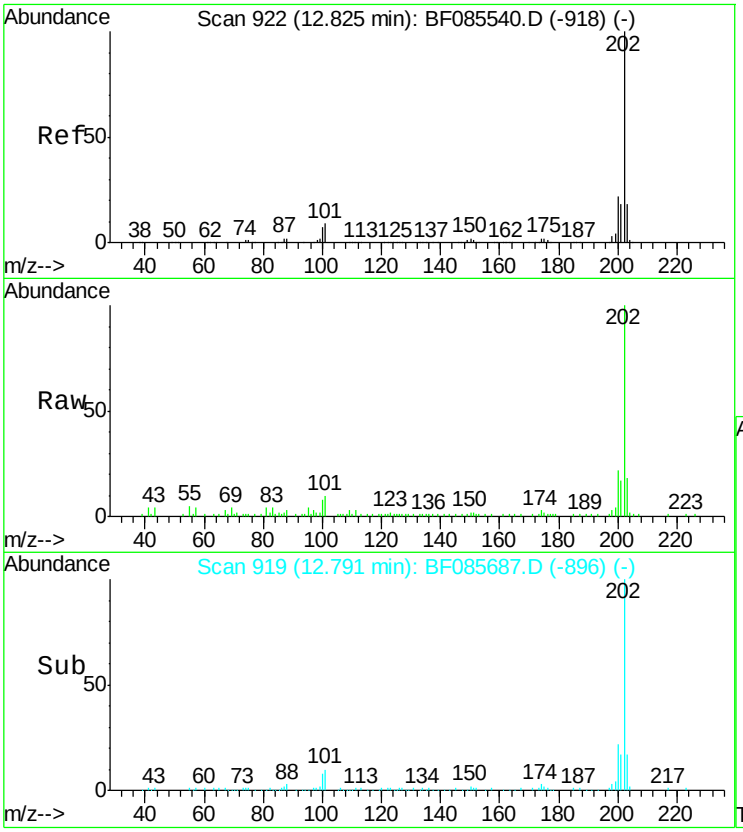


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.03 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Tgt Ion:240 Resp: 251011

Ion	Ratio	Lower	Upper
240	100		
120	14.9	13.8	20.8
236	26.8	20.6	30.8



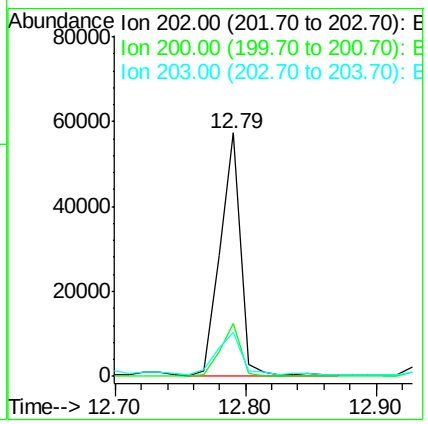


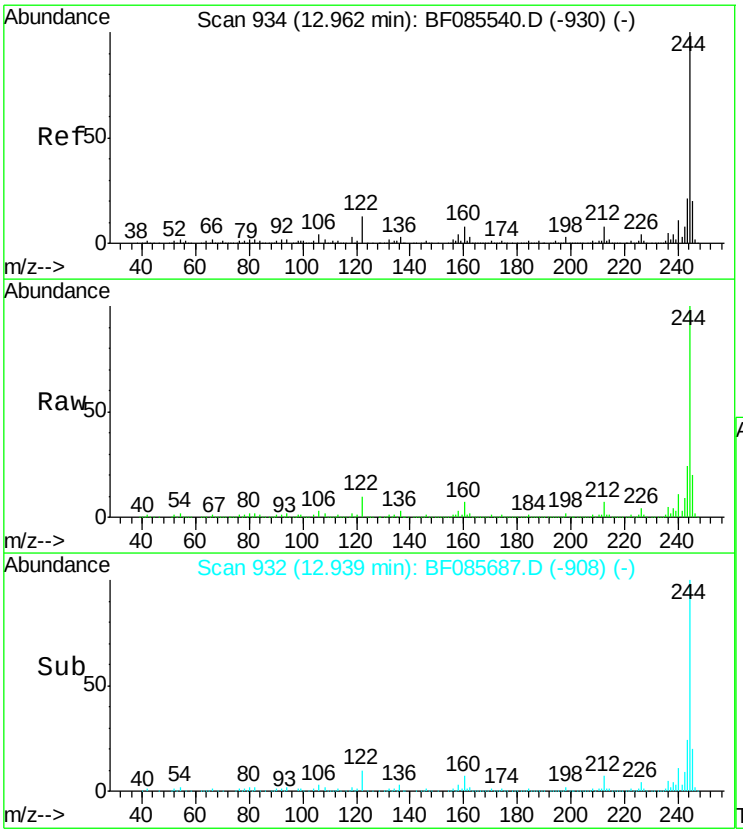
#77
Pyrene
Concen: 3.55 ng
RT: 12.79 min Scan# 919
Delta R.T. -0.03 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12A

Tgt Ion:202 Resp: 63972

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	17.9	14.0	21.0

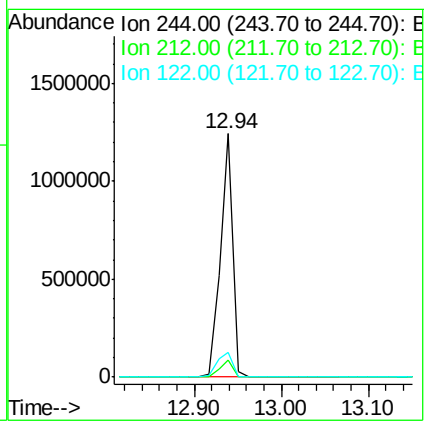


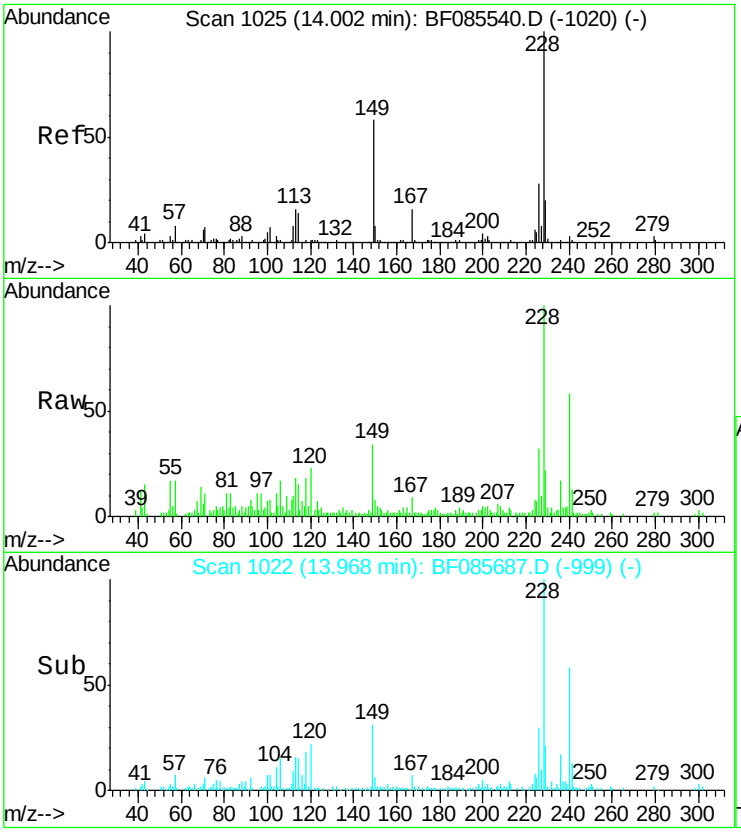


#78
Terphenyl-d14
Concen: 119.84 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Tgt Ion:244 Resp: 1250022

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	9.9	10.2	15.4#



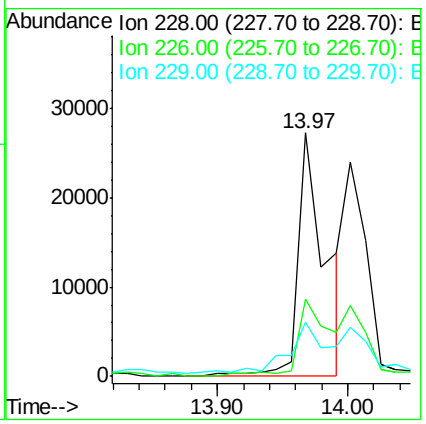


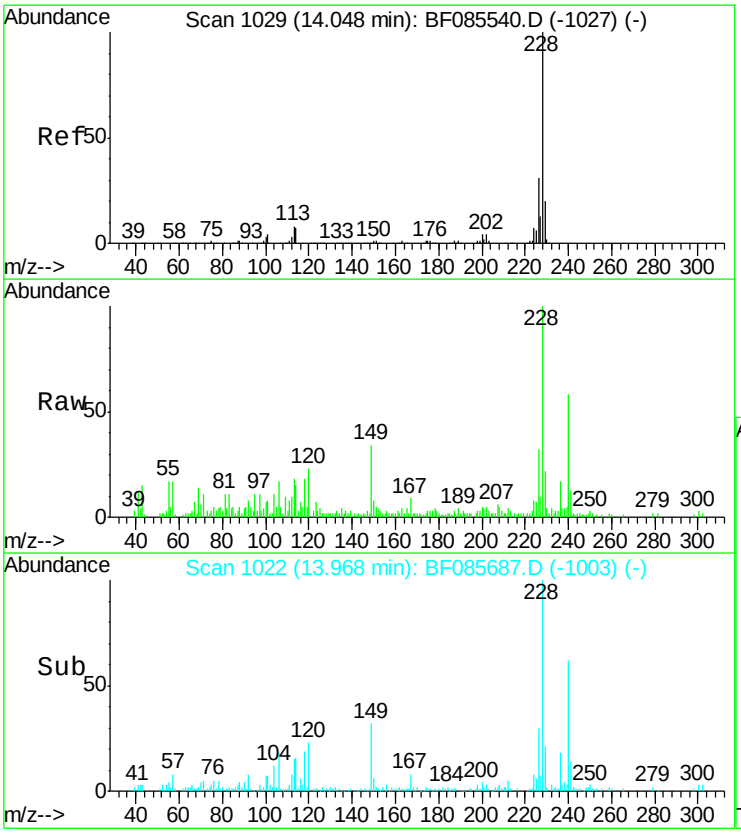
#80
Benzo(a)anthracene
Concen: 2.70 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12A

Tgt Ion:228 Resp: 39338

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.1	33.1
229	22.5	16.2	24.4

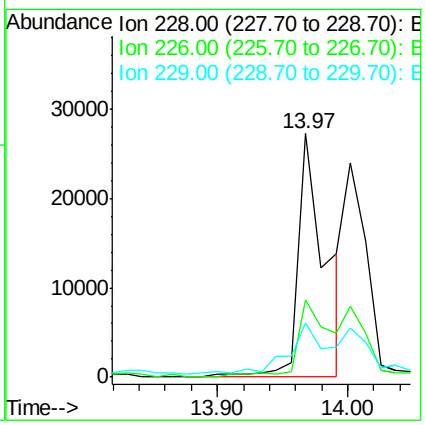


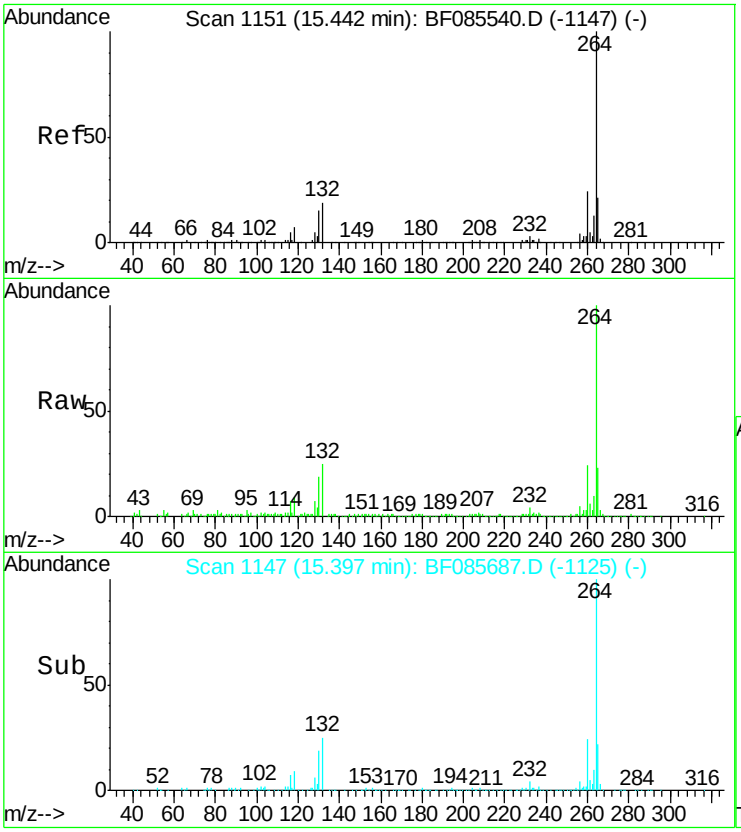


#82
Chrysene
Concen: 2.81 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.08 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Tgt Ion:228 Resp: 39338

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	22.5	15.7	23.5



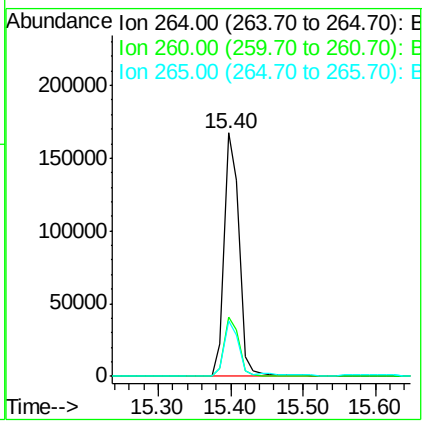


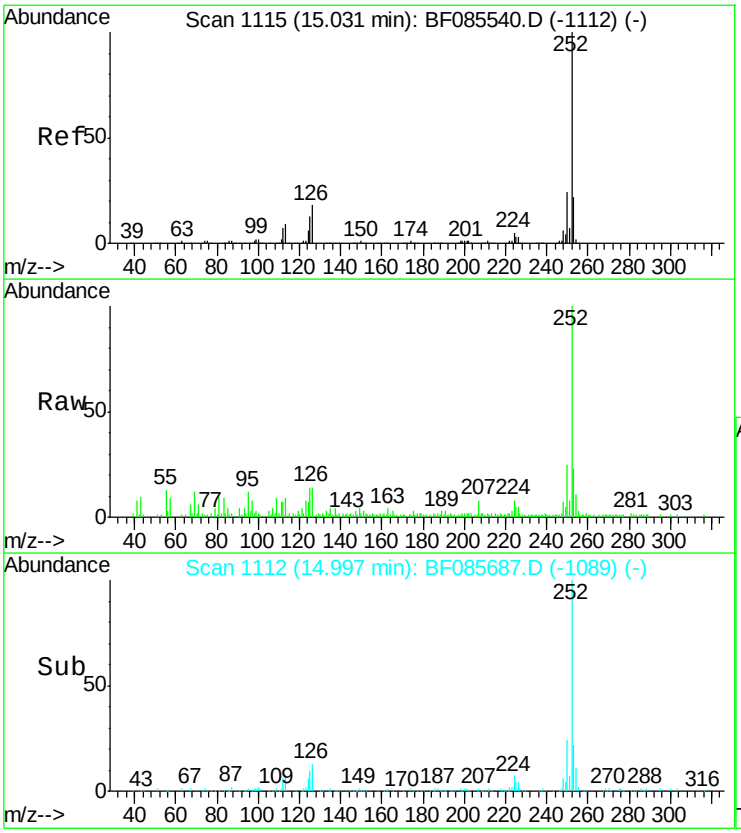
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12A

Tgt Ion:264 Resp: 241305

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.6	17.2	25.8

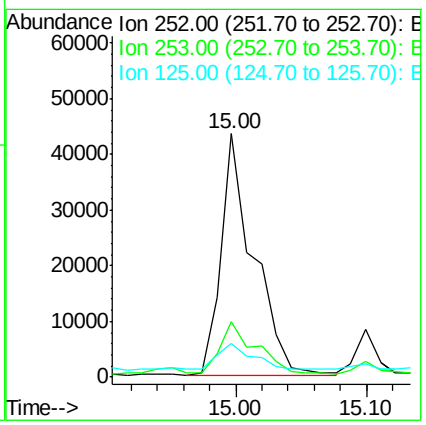


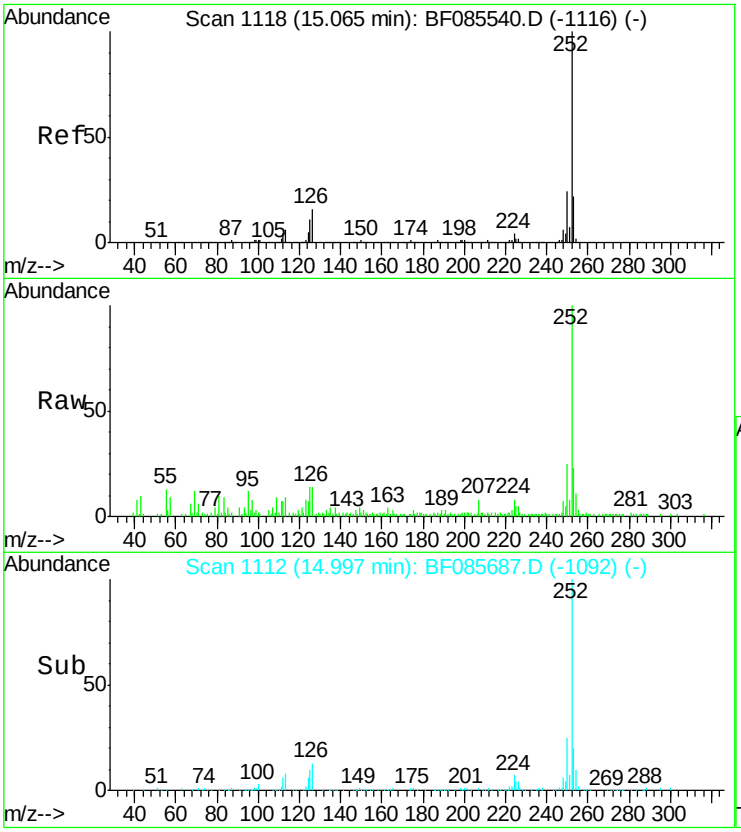


#87
Benzo(b)fluoranthene
Concen: 4.78 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.03 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Tgt Ion:252 Resp: 75220

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	13.9	10.3	15.5





#88
Benzo(k)fluoranthene
Concen: 5.80 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.07 min
Lab File: BF085687.D
Acq: 23 Mar 2016 5:32

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12A

Tgt Ion:252 Resp: 75220

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	13.9	7.7	11.5#