Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081735.D
Acq On : 22 Sep 2015 5:39
Operator : UM/IZ
Sample : G3747-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-2-2

Quant Time: Sep 22 06:35:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 04:14:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	33863	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	134758	20.00	ng	-0.01
38) Acenaphthene-d10	15.19	164	64207	20.00	ng	-0.01
63) Phenanthrene-d10	18.70	188	128955	20.00	ng	0.00
75) Chrysene-d12	23.35	240	100916	20.00	ng	0.00
86) Perylene-d12	24.79	264	70502	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	229615	105.20	ng	0.01
7) Phenol-d6	7.59	99	324572	112.35	ng	-0.01
23) Nitrobenzene-d5	9.46	82	215253	77.07	ng	-0.01
41) 2,4,6-Tribromophenol	17.10	330	64909	113.54	ng	-0.01
44) 2-Fluorobiphenyl	13.71	172	341656	68.19	ng	-0.01
78) Terphenyl-d14	22.07	244	317069	73.14	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.77	163	93868	18.82	ng	# 97
74) Fluoranthene	21.39	202	18503	2.38	ng	89
77) Pyrene	21.74	202	15789	2.11	ng	97

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

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Acq On : 22 Sep 2015 5:39
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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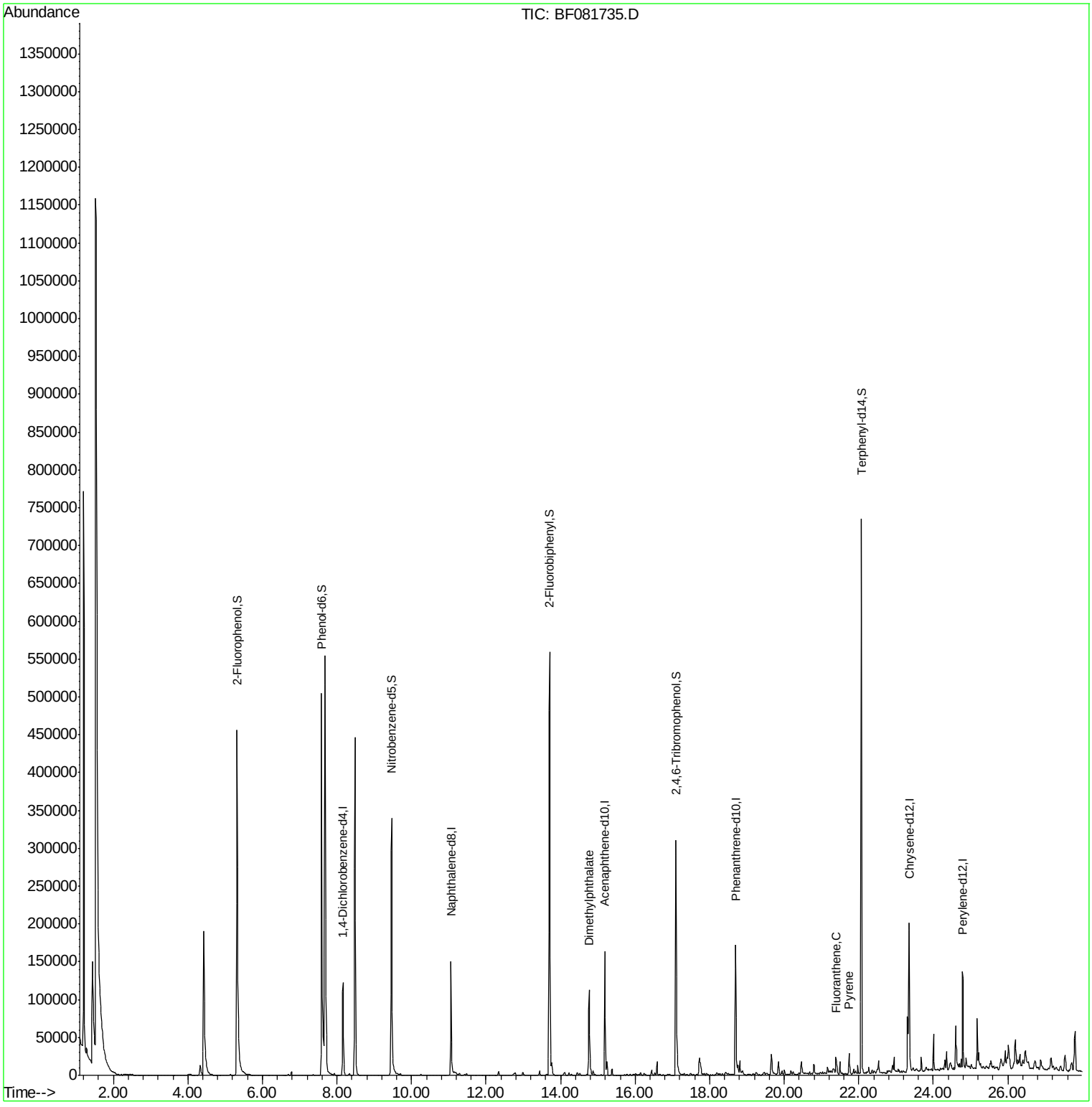
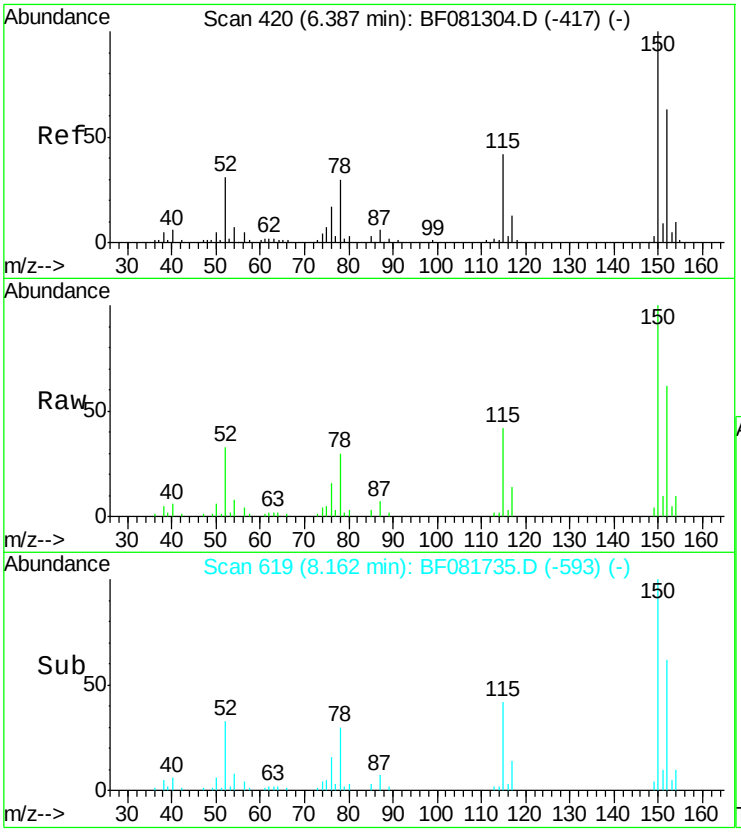


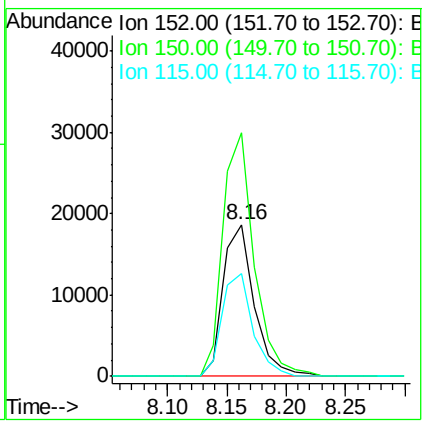


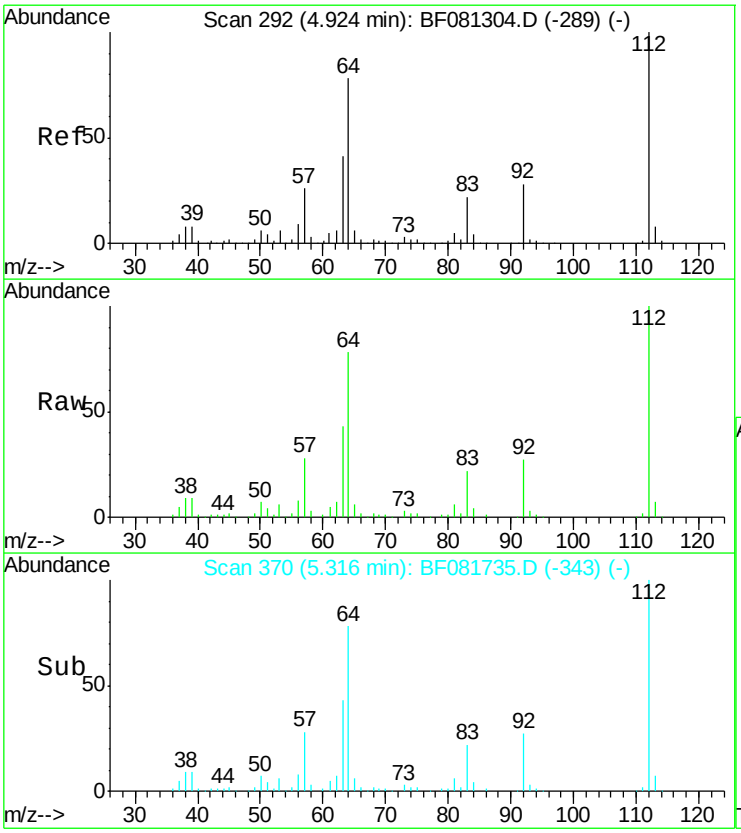
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF081735.D
Acq: 22 Sep 2015 5:39

Instrument :
BNA_F
ClientSampleId :
TRENCH-2-2

Tgt Ion:152 Resp: 33863

Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.7	187.1
115	67.4	39.0	58.4#

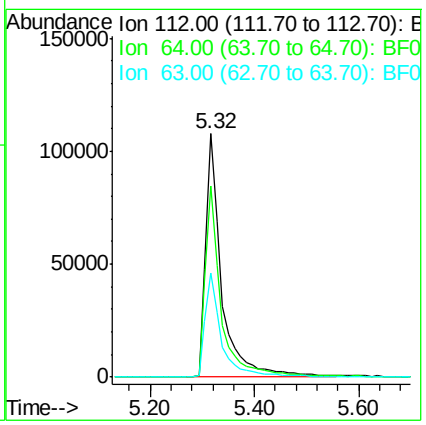


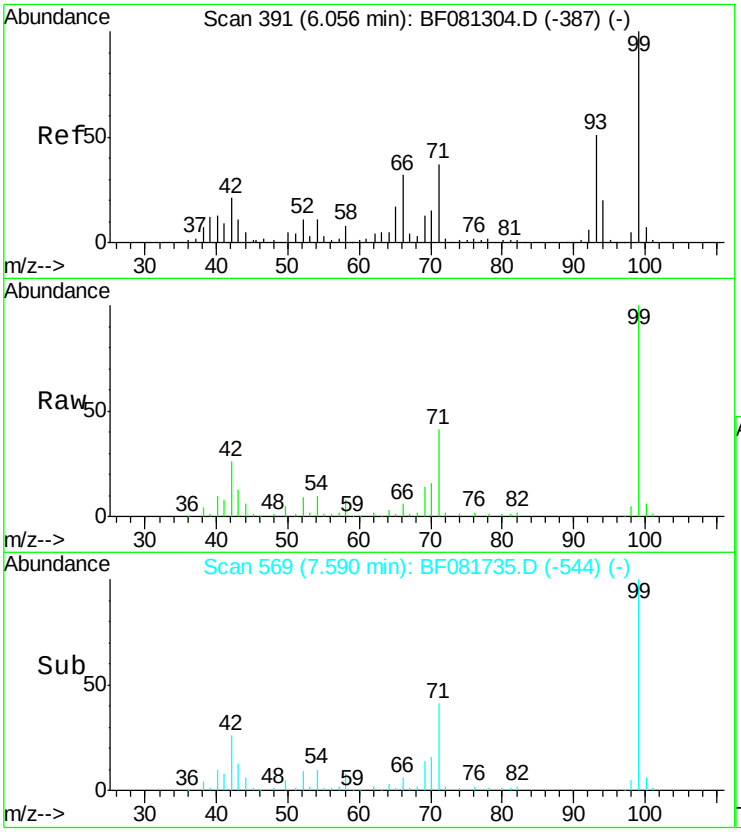


#5
2-Fluorophenol
Concen: 105.20 ng
RT: 5.32 min Scan# 370
Delta R.T. 0.01 min
Lab File: BF081735.D
Acq: 22 Sep 2015 5:39

Tgt Ion:112 Resp: 229615

Ion	Ratio	Lower	Upper
112	100		
64	78.4	39.7	59.5#
63	43.0	17.4	26.0#



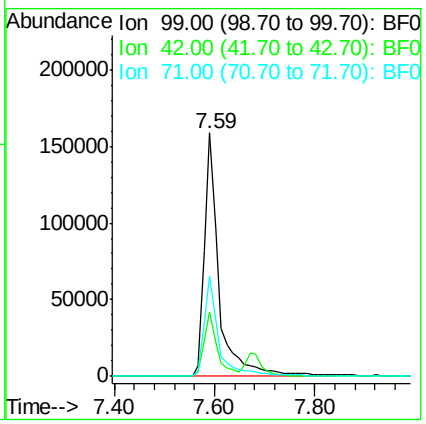


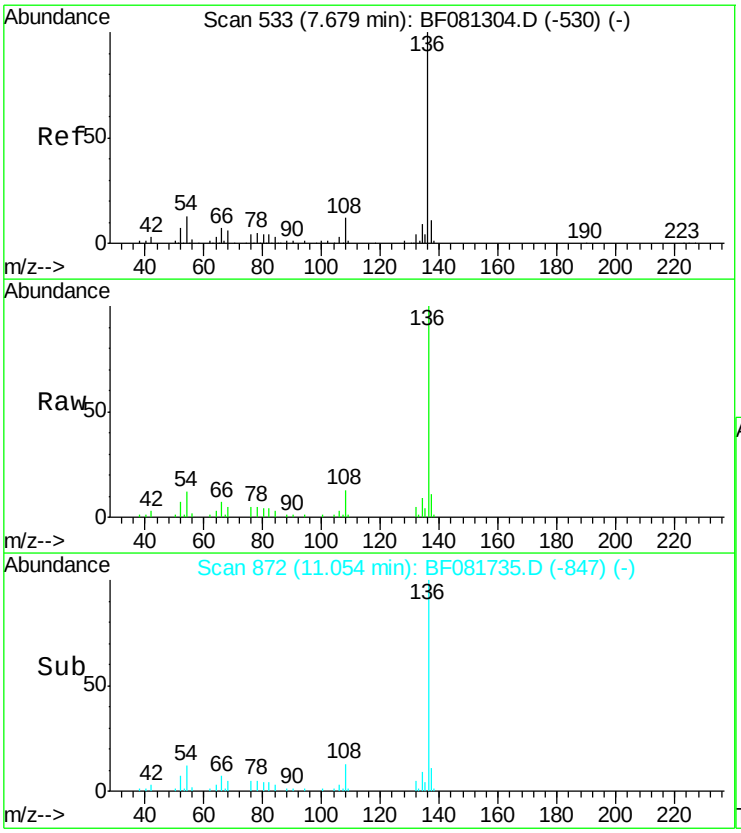
#7
Phenol-d6
Concen: 112.35 ng
RT: 7.59 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF081735.D
Acq: 22 Sep 2015 5:39

Instrument :
BNA_F
ClientSampleId :
TRENCH-2-2

Tgt Ion: 99 Resp: 324572

Ion	Ratio	Lower	Upper
99	100		
42	26.3	13.7	20.5#
71	41.1	14.2	21.2#

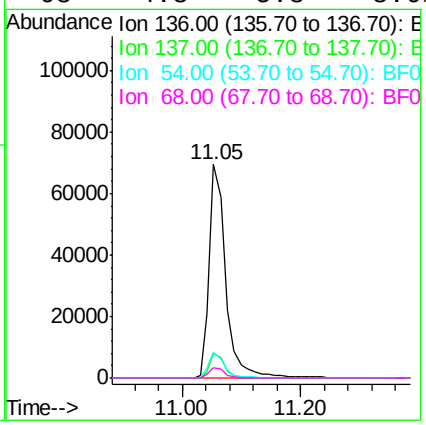


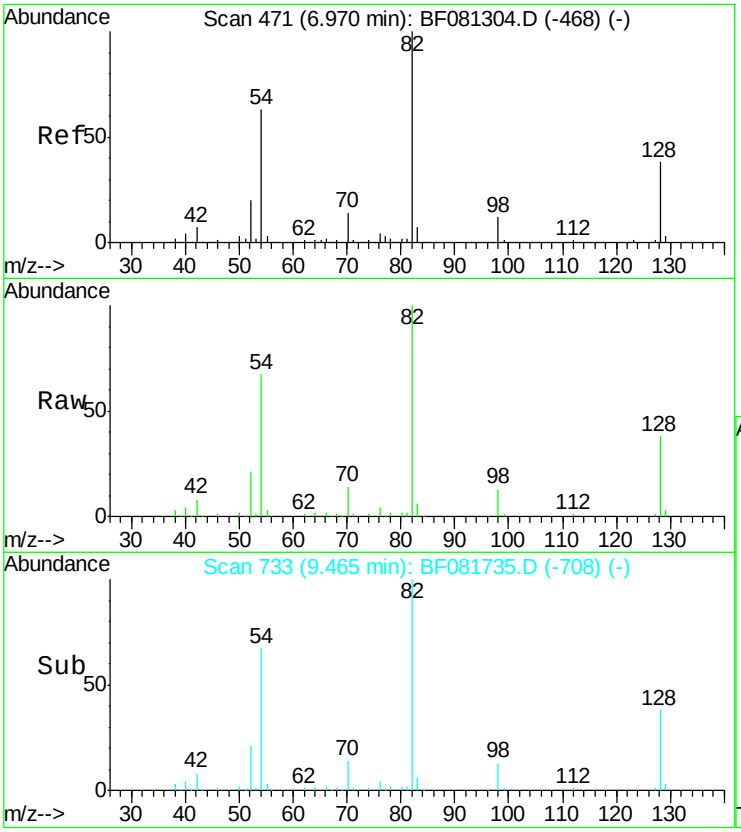


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.05 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF081735.D
Acq: 22 Sep 2015 5:39

Tgt Ion:136 Resp: 134758

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	12.1	8.2	12.2
68	4.8	5.8	8.6#



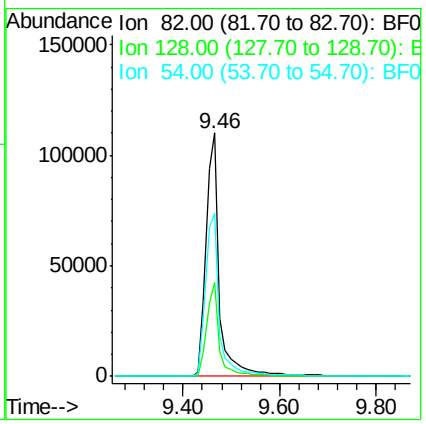


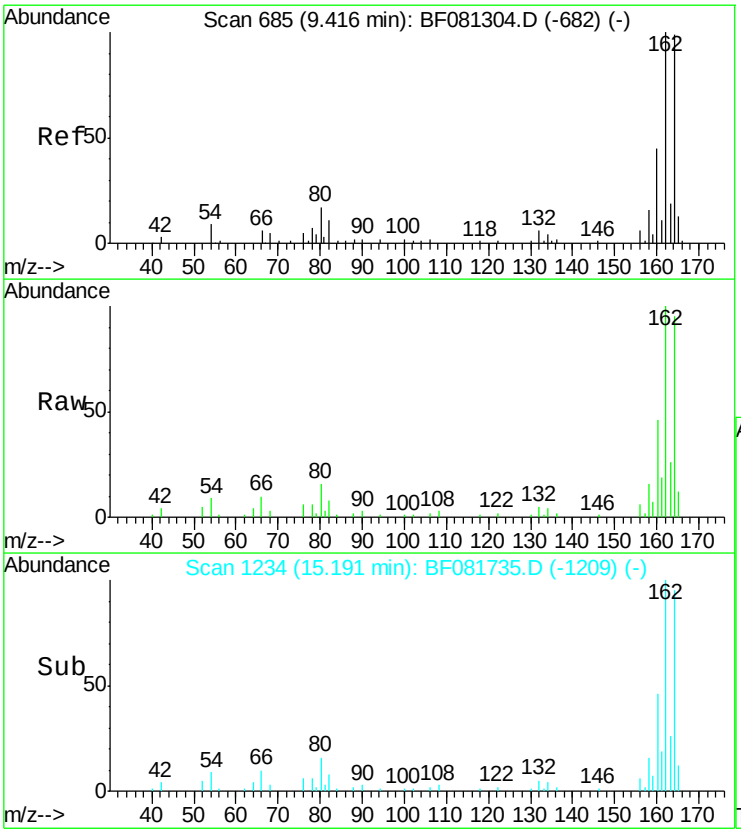
#23
Nitrobenzene-d5
Concen: 77.07 ng
RT: 9.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF081735.D
Acq: 22 Sep 2015 5:39

Instrument :
BNA_F
ClientSampleId :
TRENCH-2-2

Tgt Ion: 82 Resp: 215253

Ion	Ratio	Lower	Upper
82	100		
128	38.4	51.0	76.6#
54	66.7	47.5	71.3

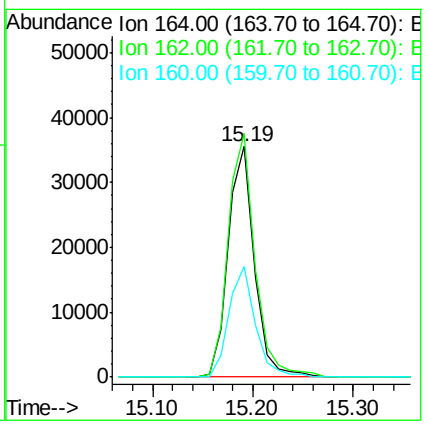


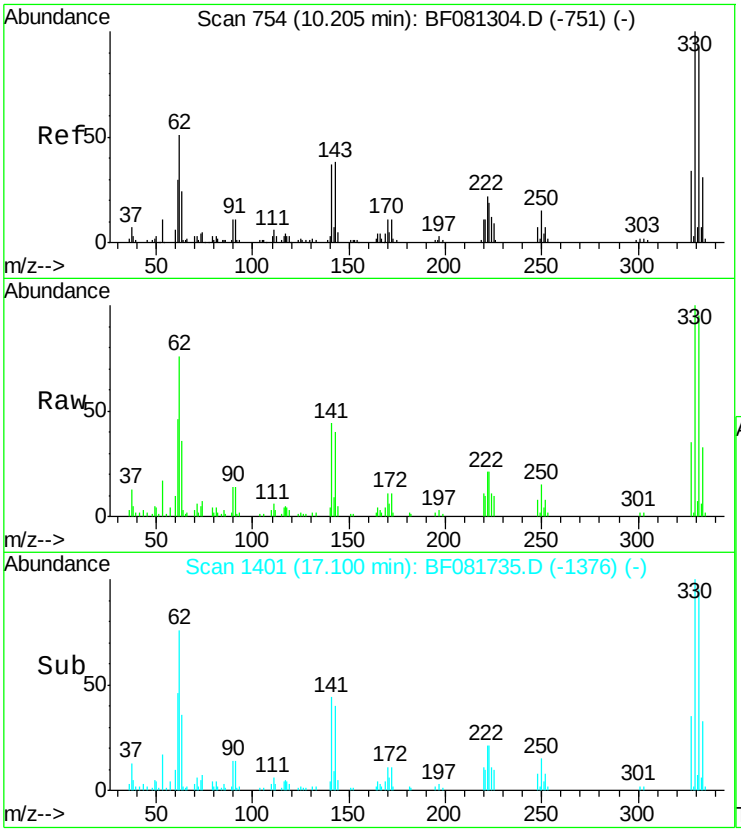


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.19 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF081735.D
Acq: 22 Sep 2015 5:39

Tgt Ion:164 Resp: 64207

Ion	Ratio	Lower	Upper
164	100		
162	105.7	75.2	112.8
160	48.2	31.5	47.3#



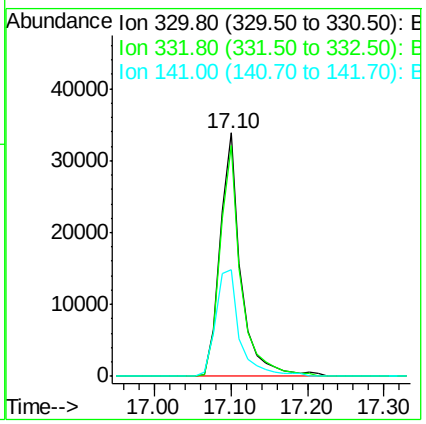


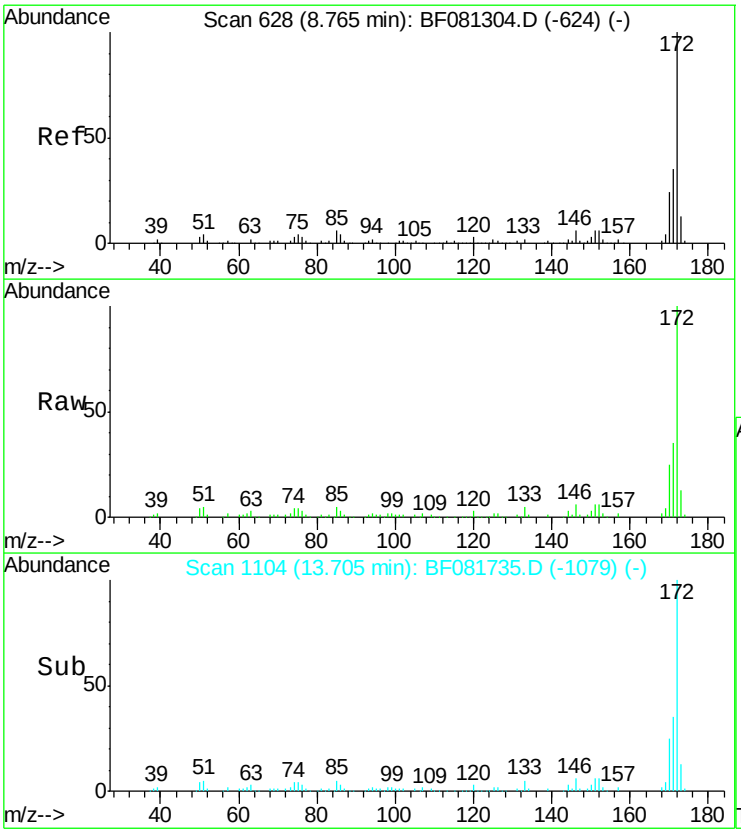
#41
2,4,6-Tribromophenol
Concen: 113.54 ng
RT: 17.10 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF081735.D
Acq: 22 Sep 2015 5:39

Instrument :
BNA_F
ClientSampleId :
TRENCH-2-2

Tgt Ion:330 Resp: 64909

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	114.8
141	50.2	29.7	44.5#

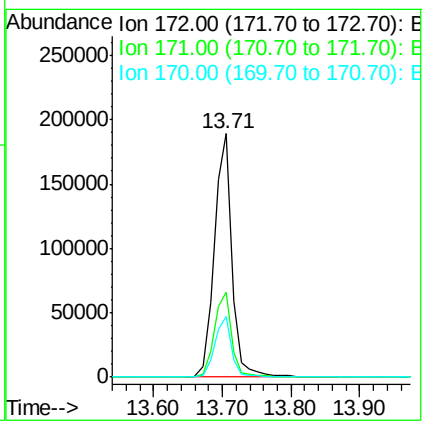


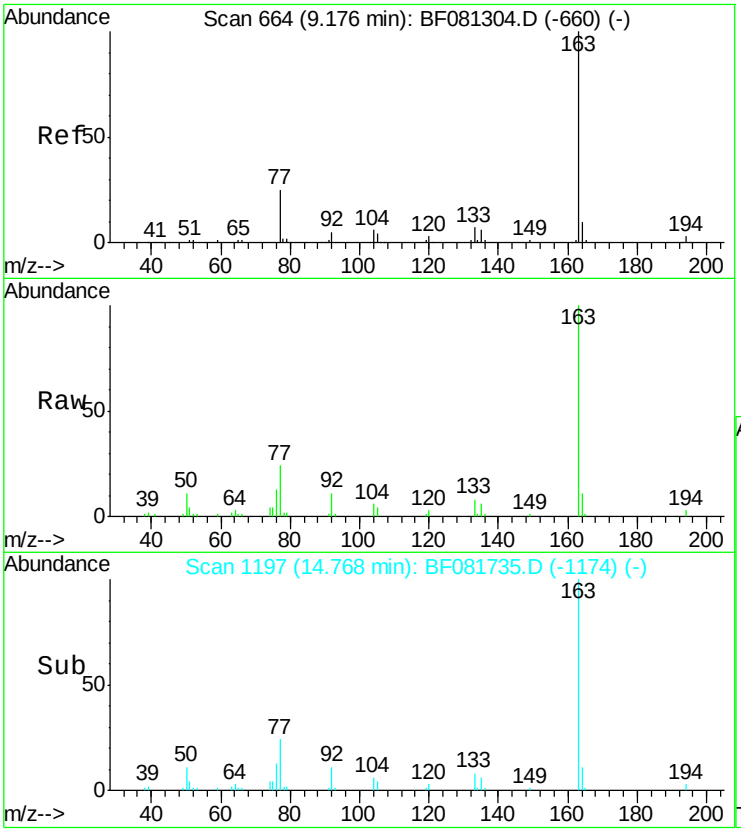


#44
2-Fluorobiphenyl
Concen: 68.19 ng
RT: 13.71 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF081735.D
Acq: 22 Sep 2015 5:39

Tgt Ion:172 Resp: 341656

Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.1	39.1
170	24.7	17.4	26.2



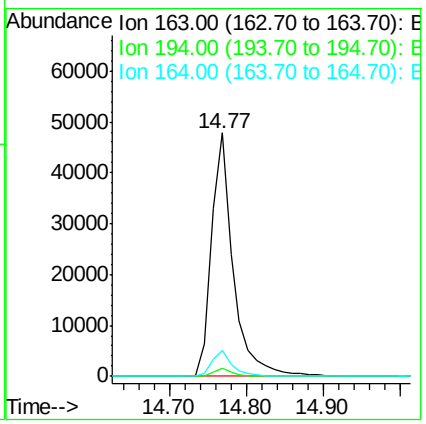


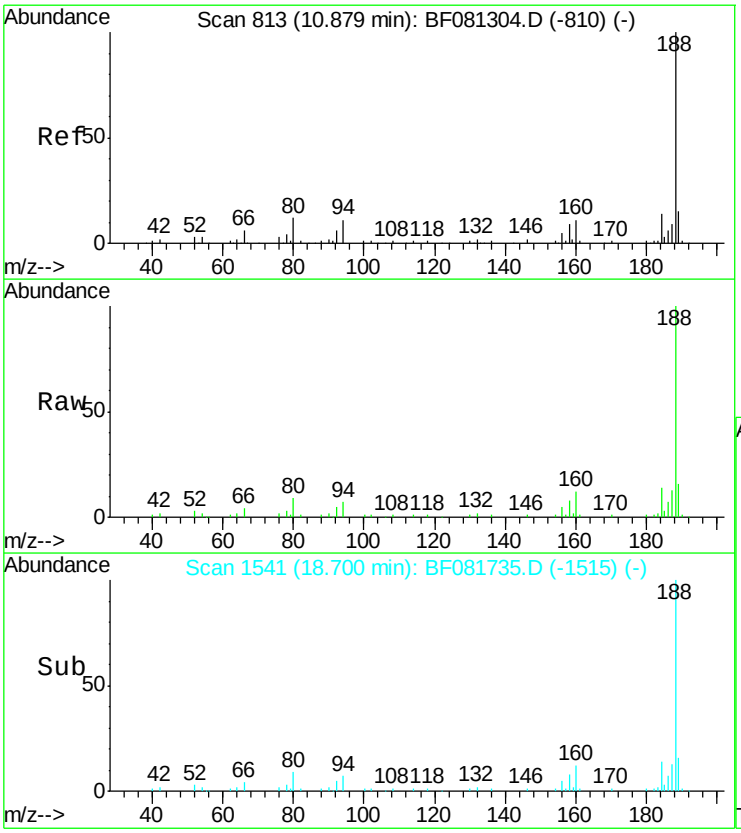
#49
Dimethylphthalate
Concen: 18.82 ng
RT: 14.77 min Scan# 1197
Delta R.T. -0.03 min
Lab File: BF081735.D
Acq: 22 Sep 2015 5:39

Instrument :
BNA_F
ClientSampleId :
TRENCH-2-2

Tgt Ion:163 Resp: 93868

Ion	Ratio	Lower	Upper
163	100		
194	3.5	4.4	6.6#
164	10.7	8.3	12.5

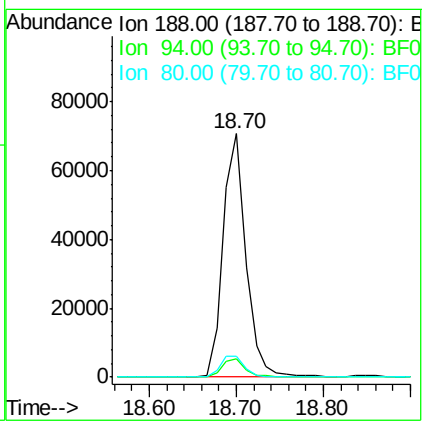


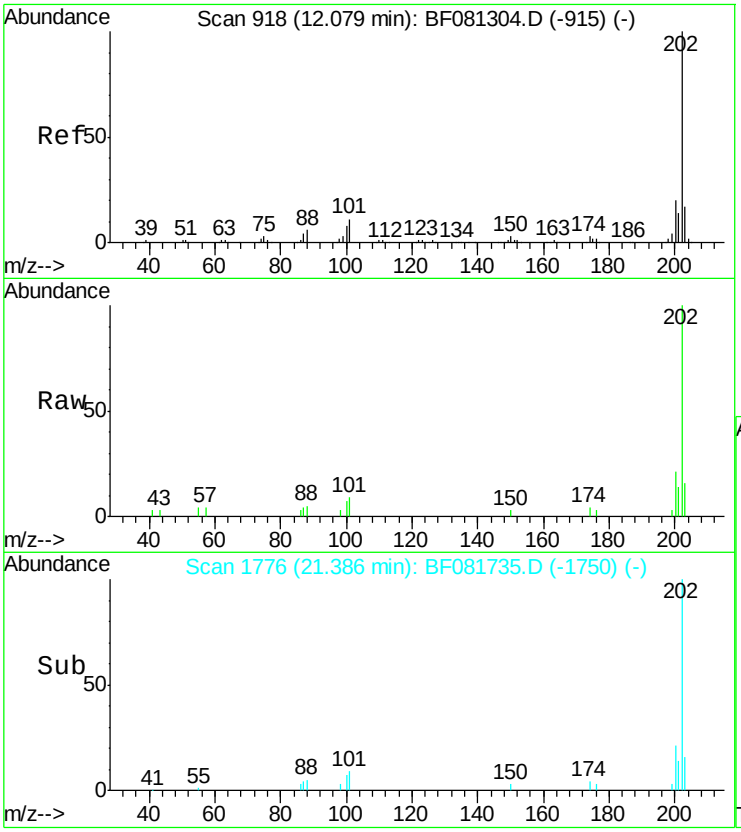


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BF081735.D
Acq: 22 Sep 2015 5:39

Tgt Ion:188 Resp: 128955

Ion	Ratio	Lower	Upper
188	100		
94	7.3	11.1	16.7#
80	8.6	11.0	16.4#



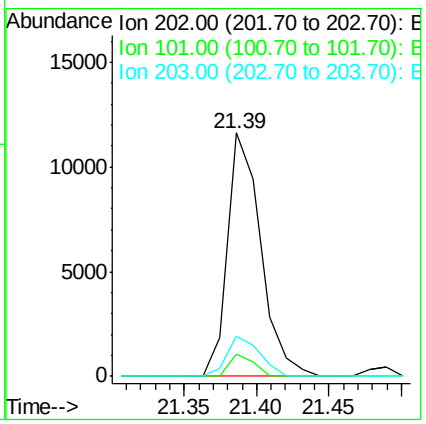


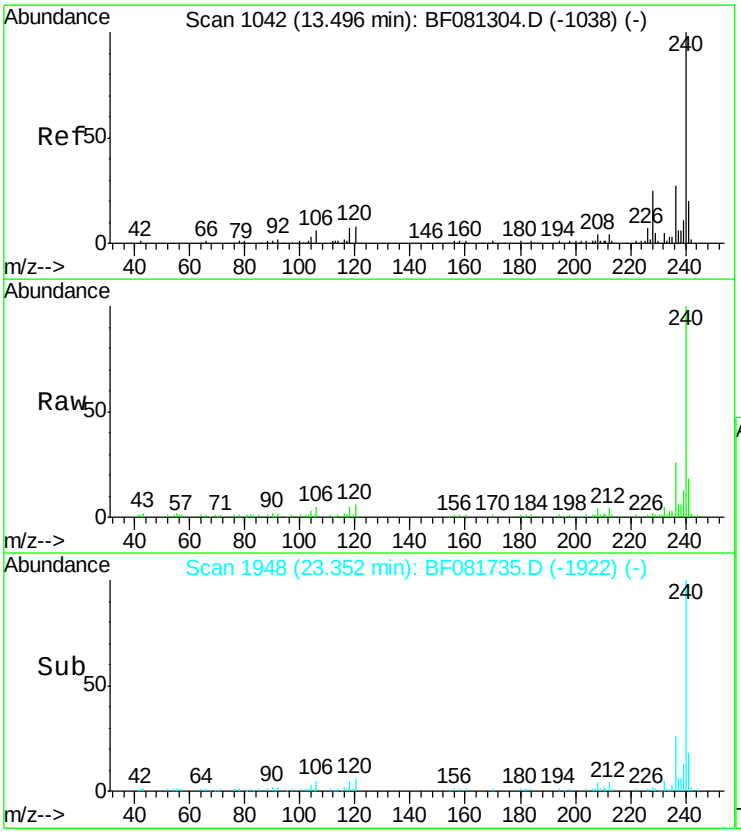
#74
Fluoranthene
Concen: 2.38 ng
RT: 21.39 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF081735.D
Acq: 22 Sep 2015 5:39

Instrument :
BNA_F
ClientSampleId :
TRENCH-2-2

Tgt Ion:202 Resp: 18503

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	38.3
203	16.4	0.0	37.3

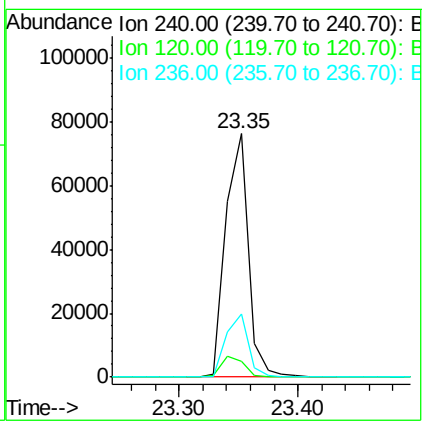


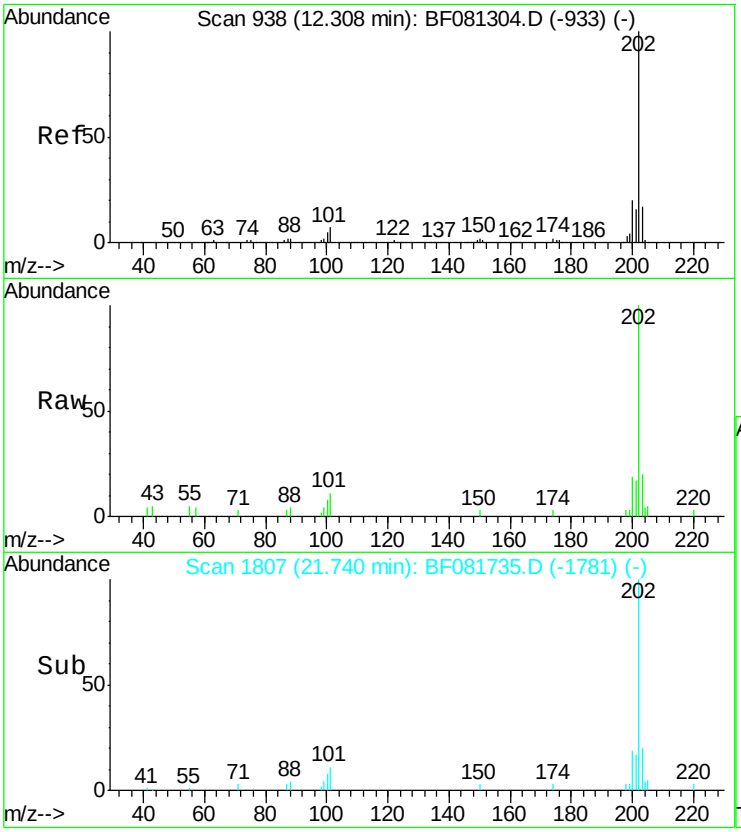


#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BF081735.D
Acq: 22 Sep 2015 5:39

Tgt Ion:240 Resp: 100916

Ion	Ratio	Lower	Upper
240	100		
120	6.2	16.2	24.2#
236	25.9	18.4	27.6



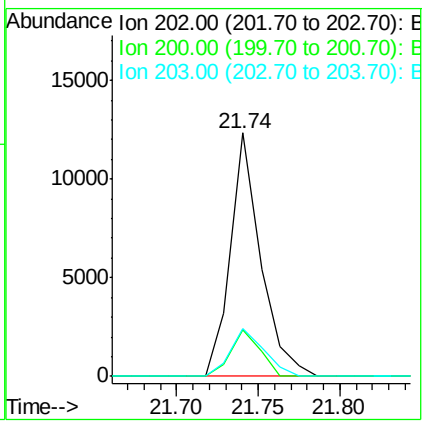


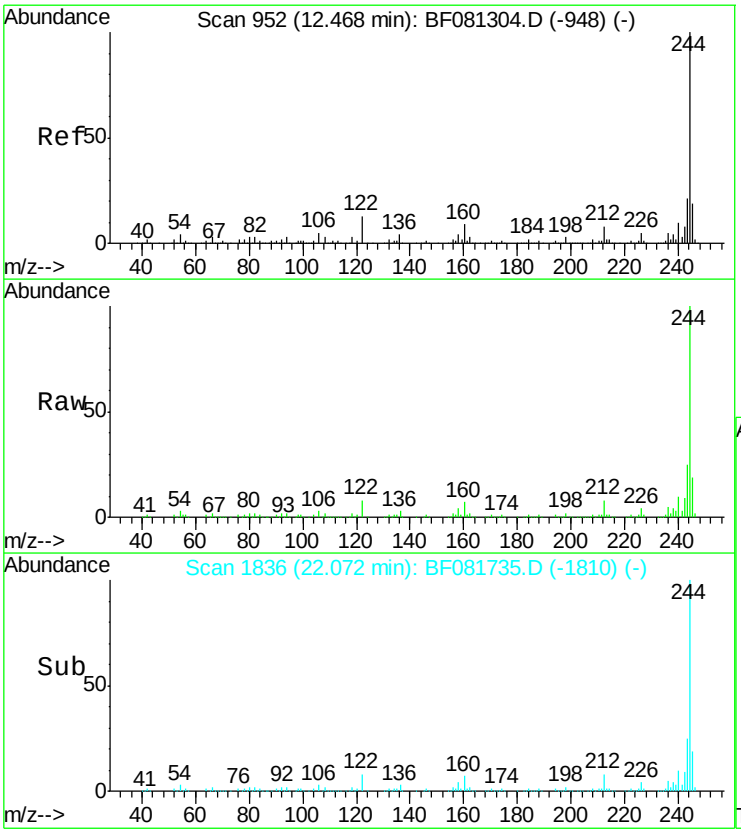
#77
Pyrene
Concen: 2.11 ng
RT: 21.74 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BF081735.D
Acq: 22 Sep 2015 5:39

Instrument :
BNA_F
ClientSampleId :
TRENCH-2-2

Tgt Ion:202 Resp: 15789

Ion	Ratio	Lower	Upper
202	100		
200	19.2	15.0	22.4
203	19.6	14.1	21.1

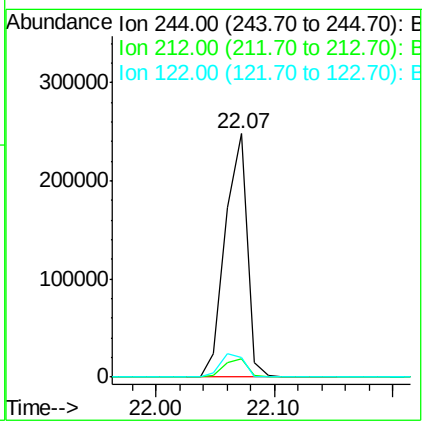


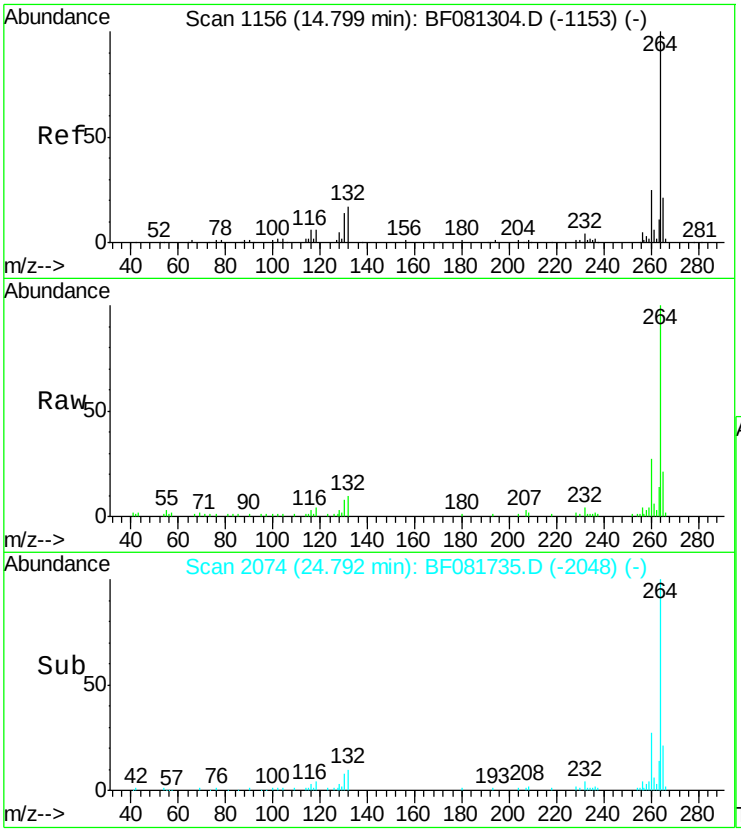


#78
Terphenyl-d14
Concen: 73.14 ng
RT: 22.07 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BF081735.D
Acq: 22 Sep 2015 5:39

Tgt Ion:244 Resp: 317069

Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.3	6.5#
122	8.0	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BF081735.D
Acq: 22 Sep 2015 5:39

Instrument :
BNA_F
ClientSampleId :
TRENCH-2-2

Tgt Ion:264 Resp: 70502

Ion	Ratio	Lower	Upper
264	100		
260	26.7	16.7	25.1#
265	21.0	17.2	25.8