Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097761.D
Acq On : 17 Aug 2017 2:11
Operator : SJ/JU
Sample : I4797-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-J9-BASE

Quant Time: Aug 17 07:41:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	143335	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	558670	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	231971	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	346619	20.00	ng	0.00
75) Chrysene-d12	13.93	240	261999	20.00	ng	0.00
86) Perylene-d12	15.36	264	234008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	968966	102.83	ng	0.00
7) Phenol-d6	6.41	99	1326369	103.59	ng	0.00
23) Nitrobenzene-d5	7.35	82	809189	78.68	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	198448	98.60	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1099953	69.67	ng	0.00
78) Terphenyl-d14	12.89	244	532254	42.36	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.08	128	59713	2.059	ng	98
37) 2-Methylnaphthalene	8.77	142	38583	2.170	ng	96
49) Dimethylphthalate	9.53	163	177164	10.448	ng	98
70) Phenanthrene	11.32	178	49285	2.668	ng	97

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

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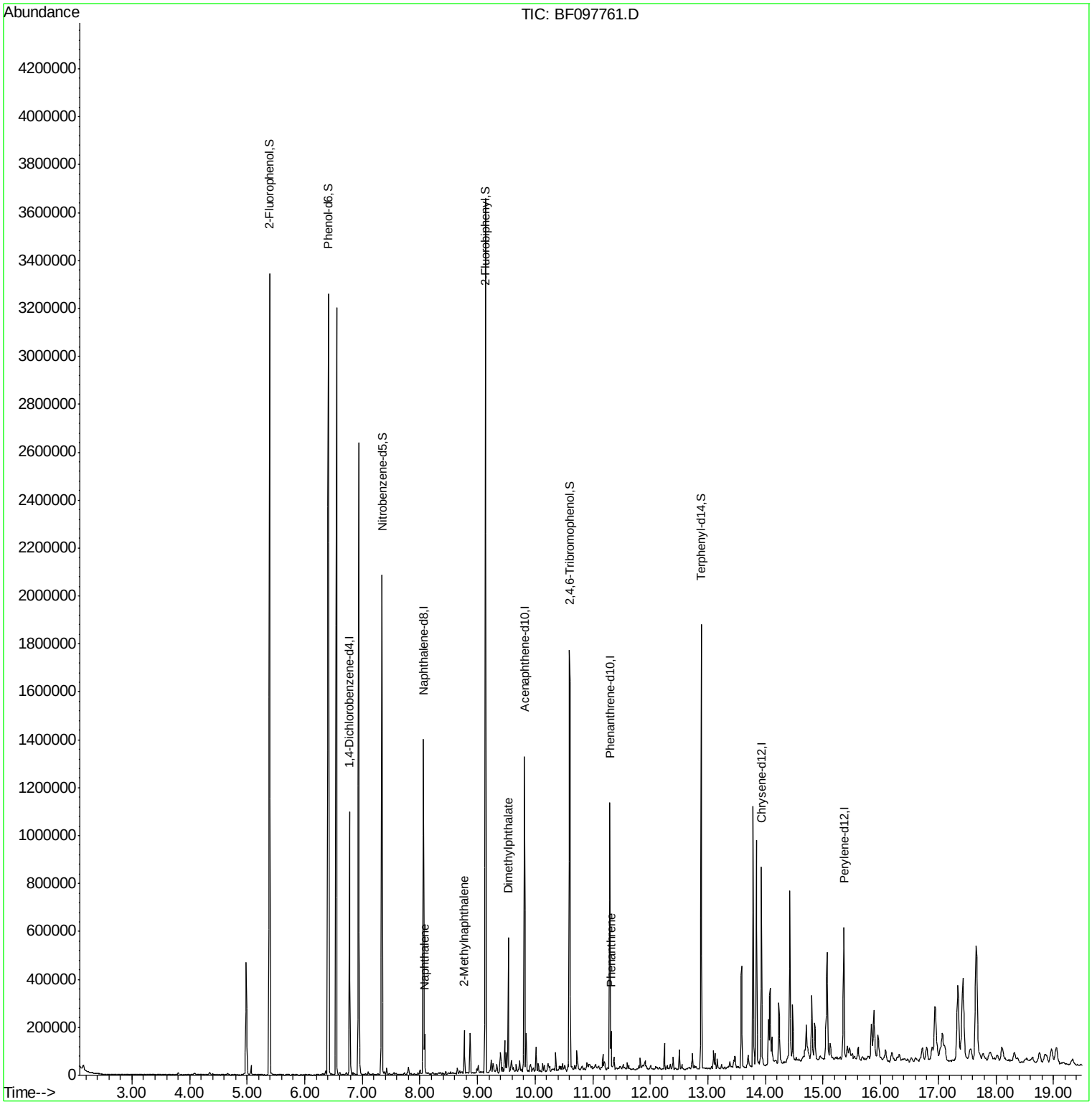
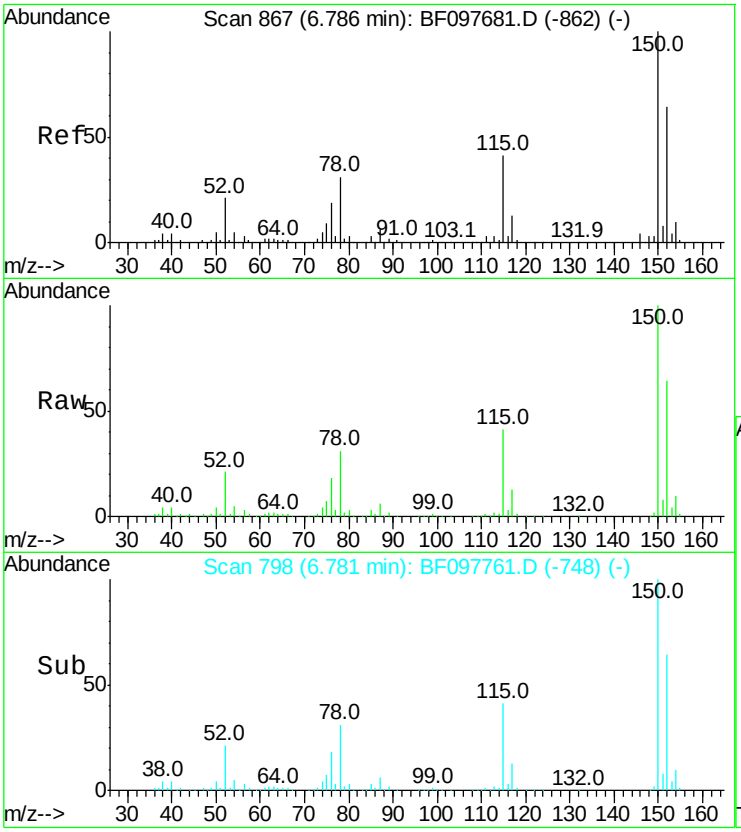


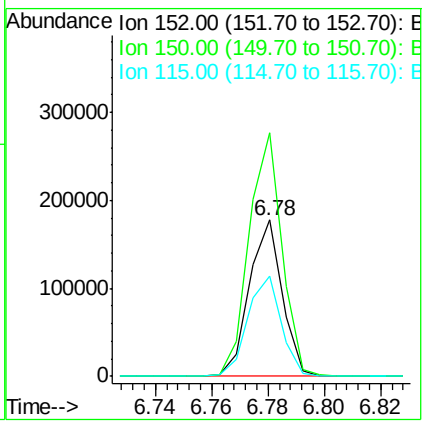


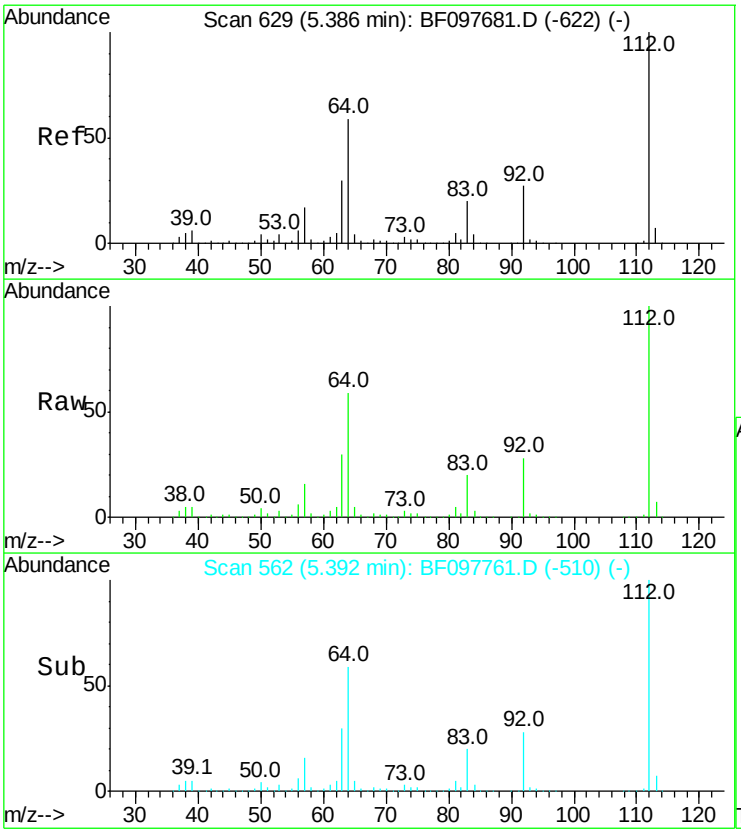
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097761.D
Acq: 17 Aug 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-J9-BASE

Tgt Ion:152 Resp: 143335

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.2
115	63.8	52.2	78.2

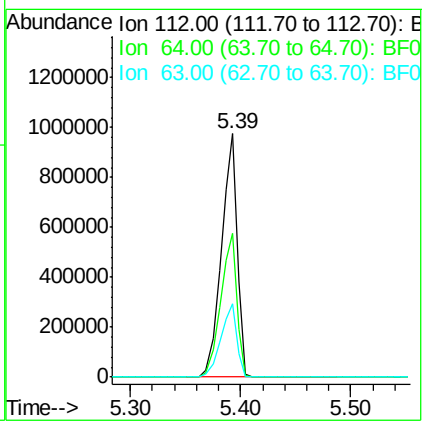


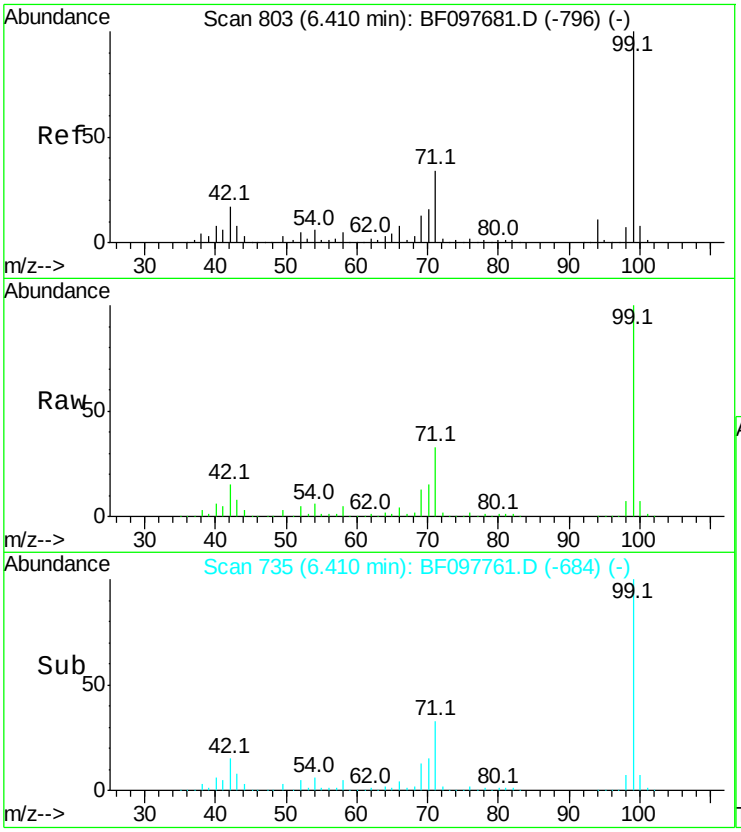


#5
2-Fluorophenol
Concen: 102.827 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF097761.D
Acq: 17 Aug 2017 2:11

Tgt Ion:112 Resp: 968966

Ion	Ratio	Lower	Upper
112	100		
64	59.2	46.0	69.0
63	30.0	23.4	35.0



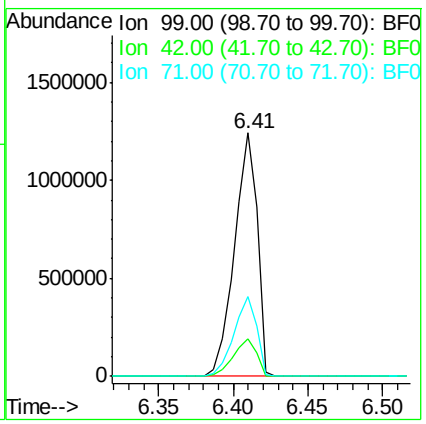


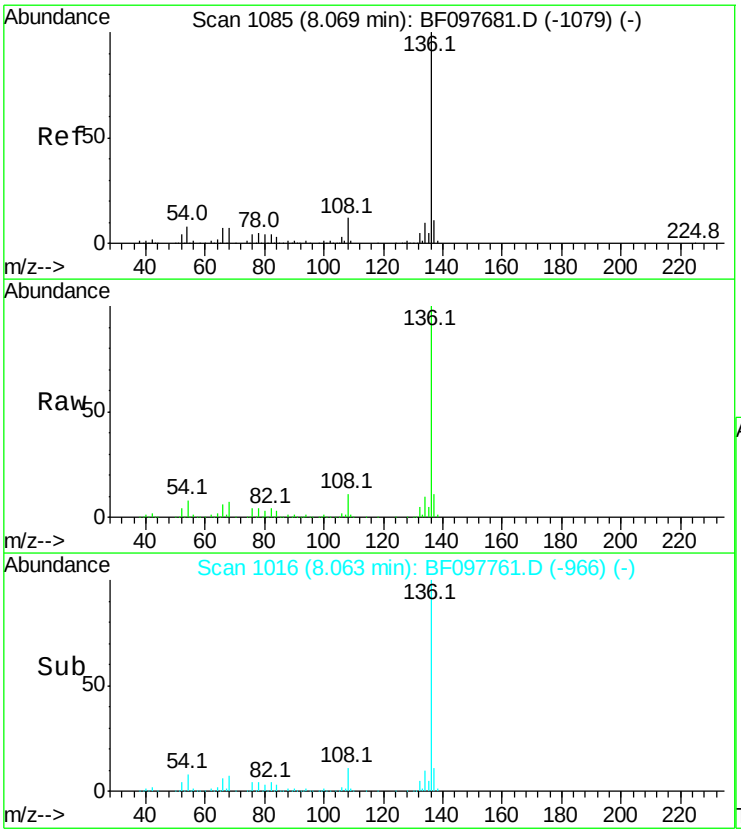
#7
Phenol-d6
Concen: 103.594 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF097761.D
Acq: 17 Aug 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-J9-BASE

Tgt Ion: 99 Resp: 1326369

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	32.5	24.5	36.7

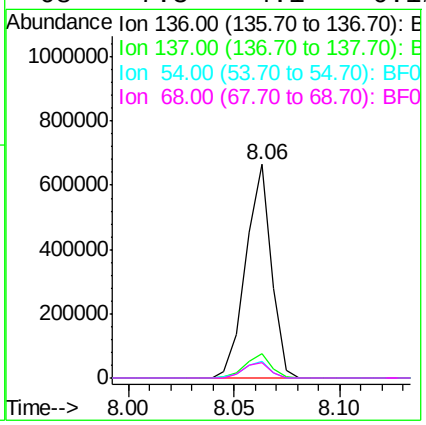


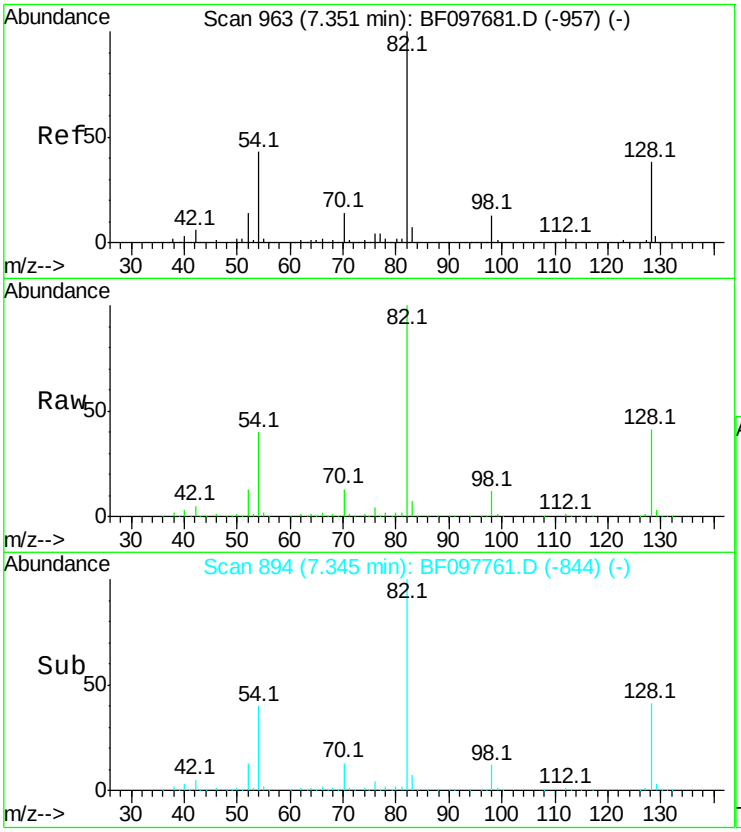


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097761.D
Acq: 17 Aug 2017 2:11

Tgt Ion:136 Resp: 558670

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.6	4.9	7.3#
68	7.3	4.1	6.1#



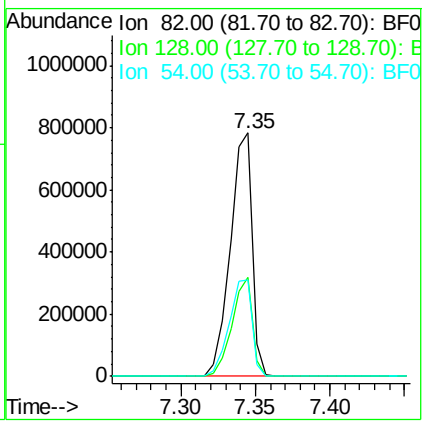


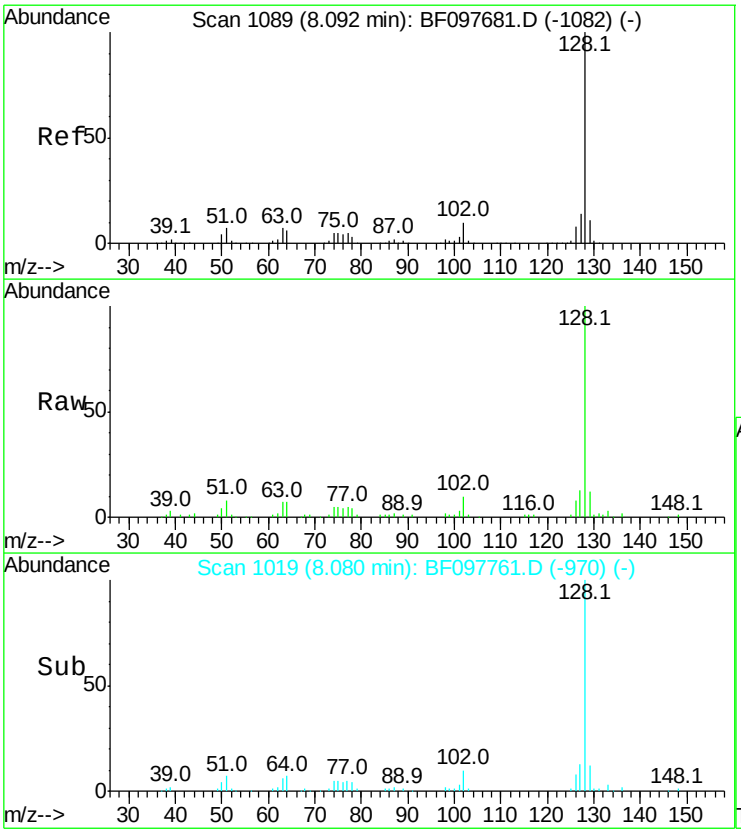
#23
Nitrobenzene-d5
Concen: 78.685 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097761.D
Acq: 17 Aug 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-J9-BASE

Tgt Ion: 82 Resp: 809189

Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.0	51.0
54	39.8	42.2	63.2#

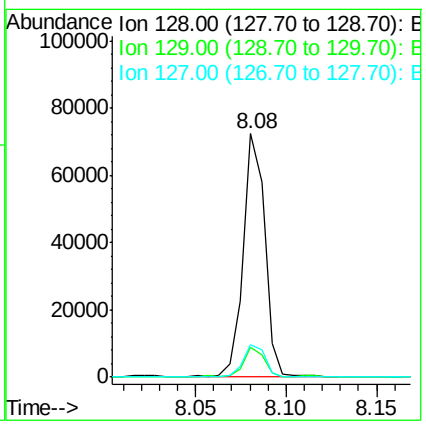


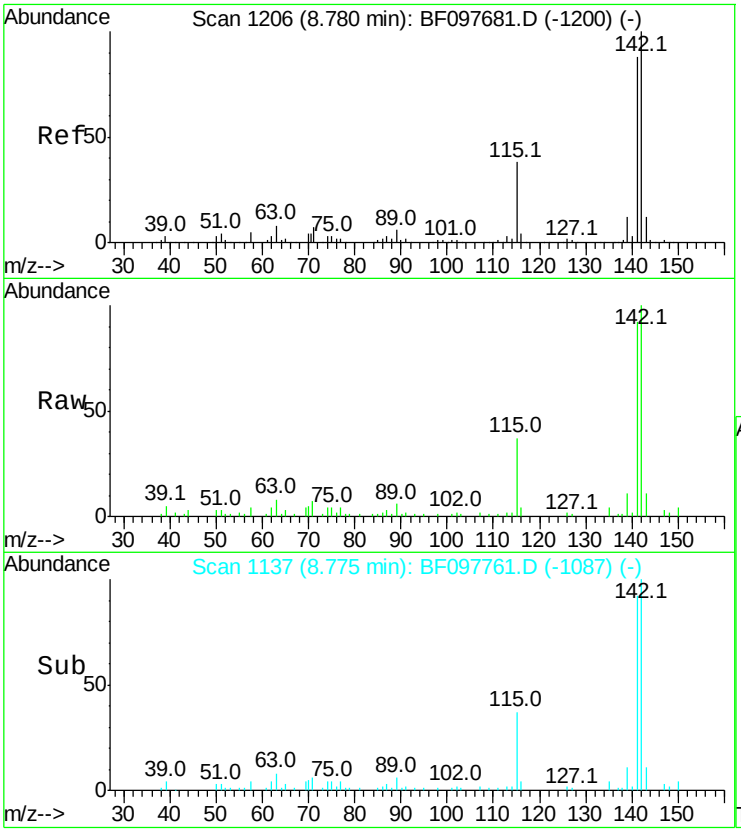


#31
Naphthalene
Concen: 2.059 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF097761.D
Acq: 17 Aug 2017 2:11

Tgt Ion:128 Resp: 59713

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.0	13.6
127	13.1	10.8	16.2



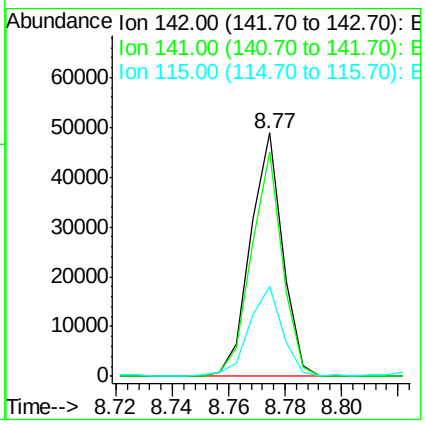


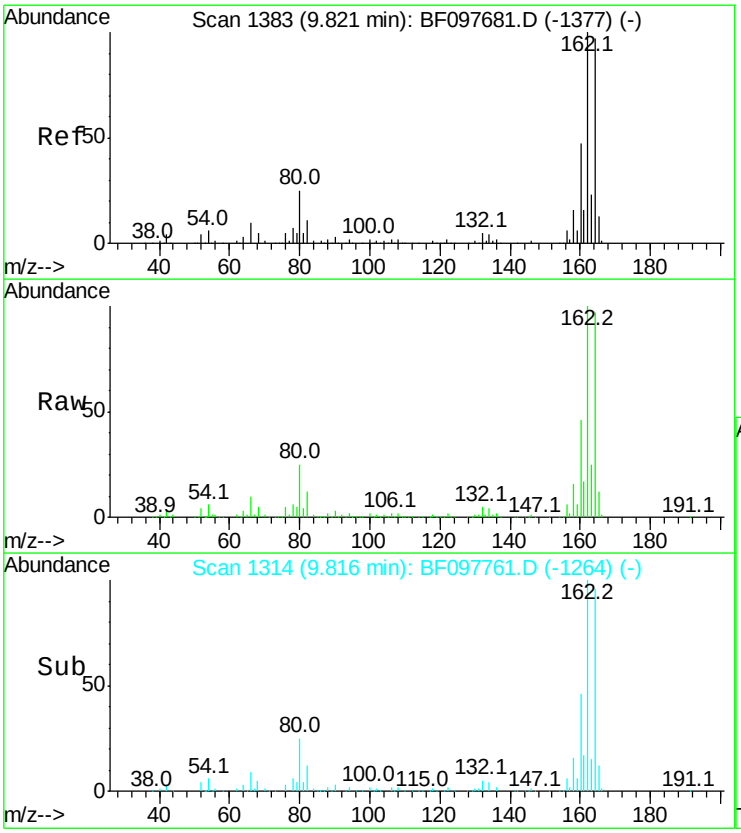
#37
2-Methylnaphthalene
Concen: 2.170 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF097761.D
Acq: 17 Aug 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-J9-BASE

Tgt Ion:142 Resp: 38583

Ion	Ratio	Lower	Upper
142	100		
141	92.0	71.3	106.9
115	36.9	27.1	40.7

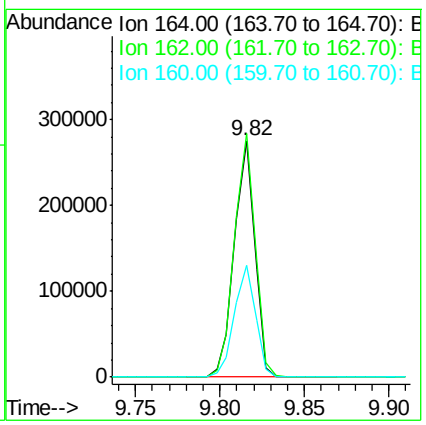


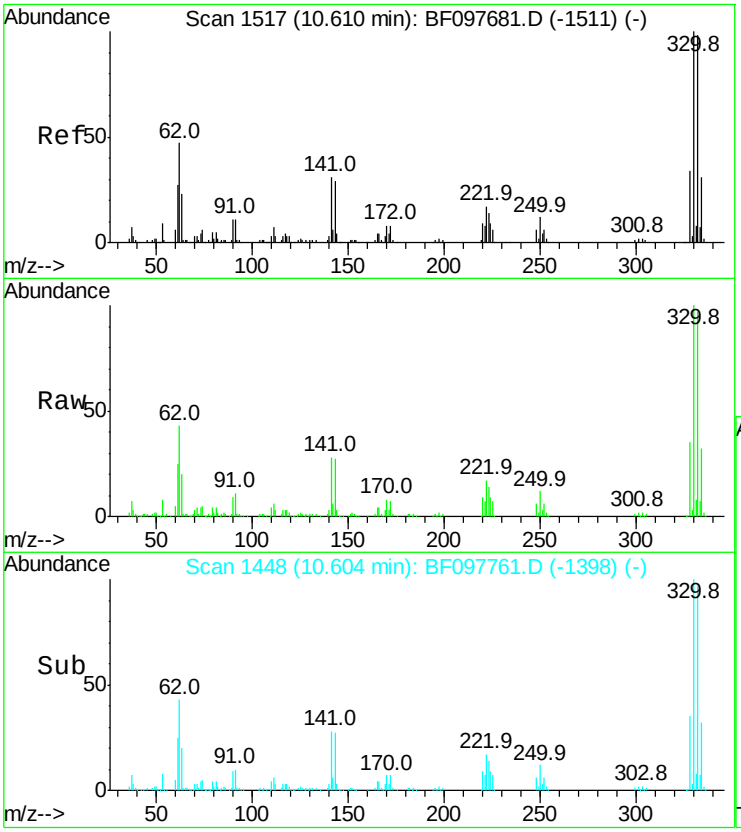


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097761.D
Acq: 17 Aug 2017 2:11

Tgt Ion:164 Resp: 231971

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	47.4	36.2	54.2



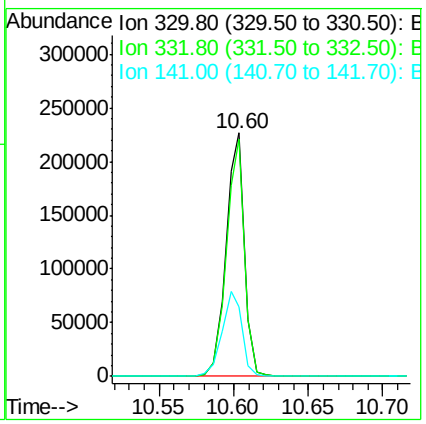


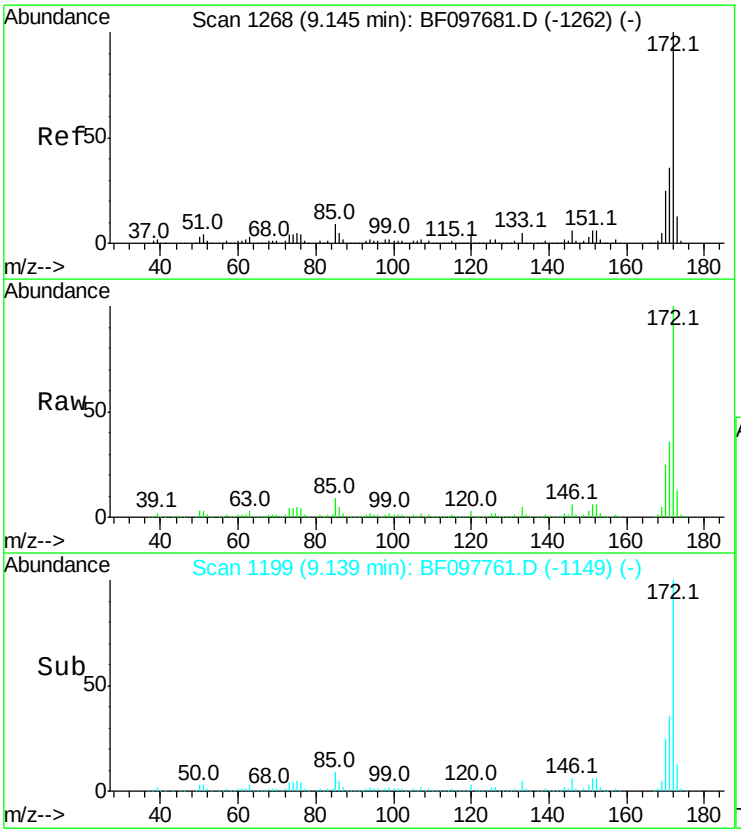
#41
2,4,6-Tribromophenol
Concen: 98.597 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF097761.D
Acq: 17 Aug 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-J9-BASE

Tgt Ion:330 Resp: 198448

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	38.1	31.4	47.2

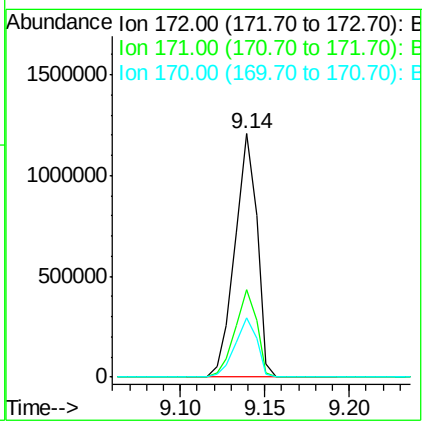


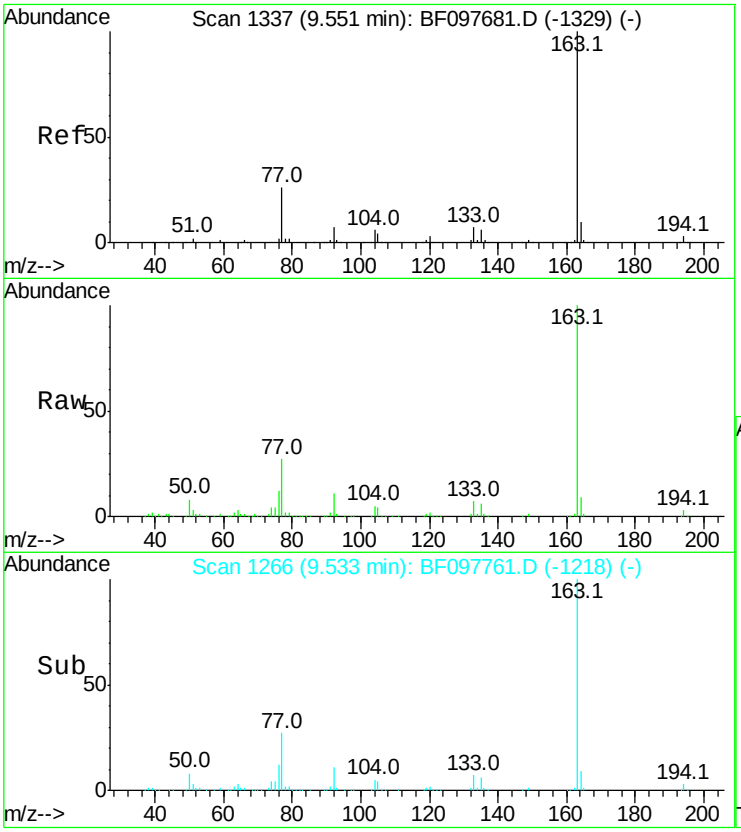


#44
2-Fluorobiphenyl
Concen: 69.666 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF097761.D
Acq: 17 Aug 2017 2:11

Tgt Ion:172 Resp: 1099953

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.6	19.8	29.8



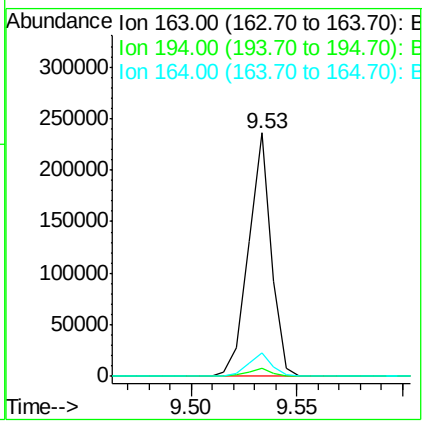


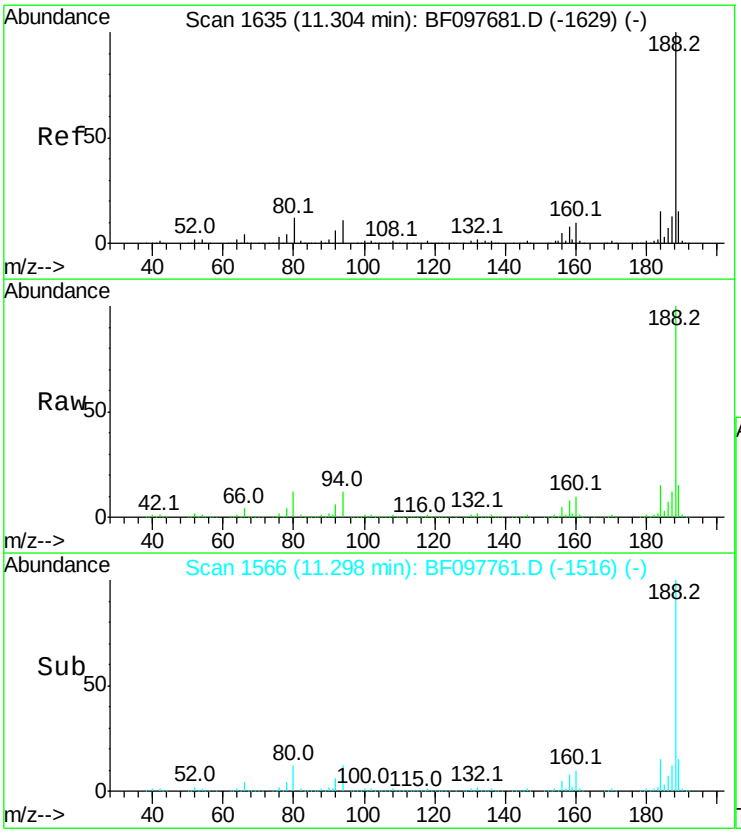
#49
Dimethylphthalate
Concen: 10.448 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF097761.D
Acq: 17 Aug 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-J9-BASE

Tgt Ion:163 Resp: 177164

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.5	8.4	12.6

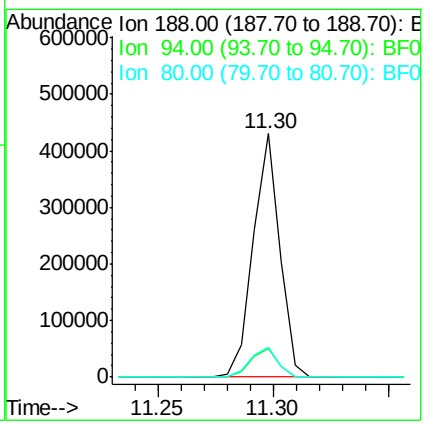


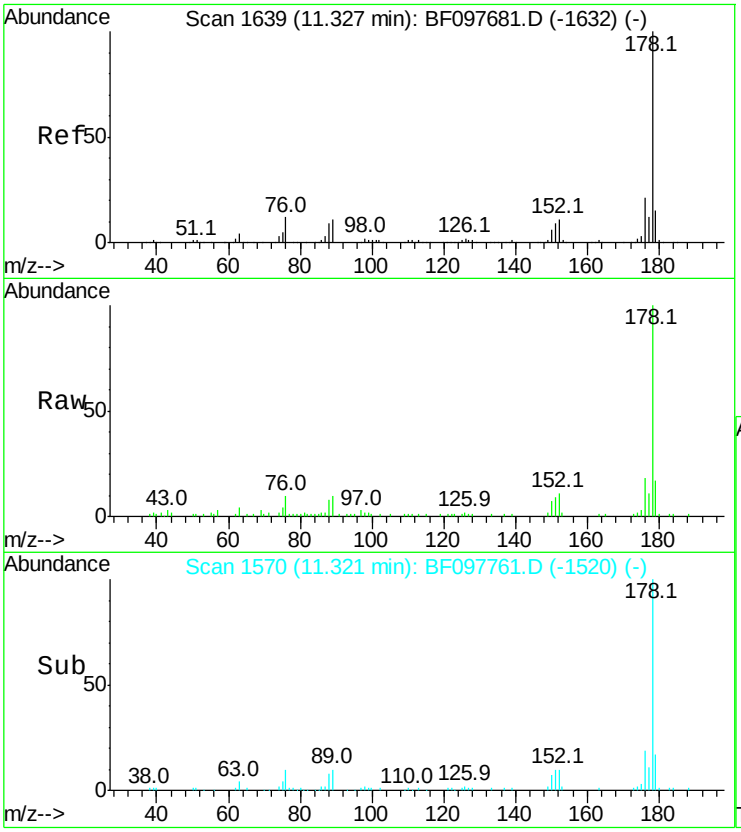


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097761.D
Acq: 17 Aug 2017 2:11

Tgt Ion:188 Resp: 346619

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	12.1	10.2	15.2



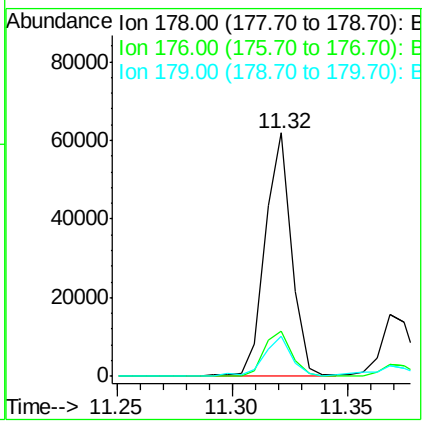


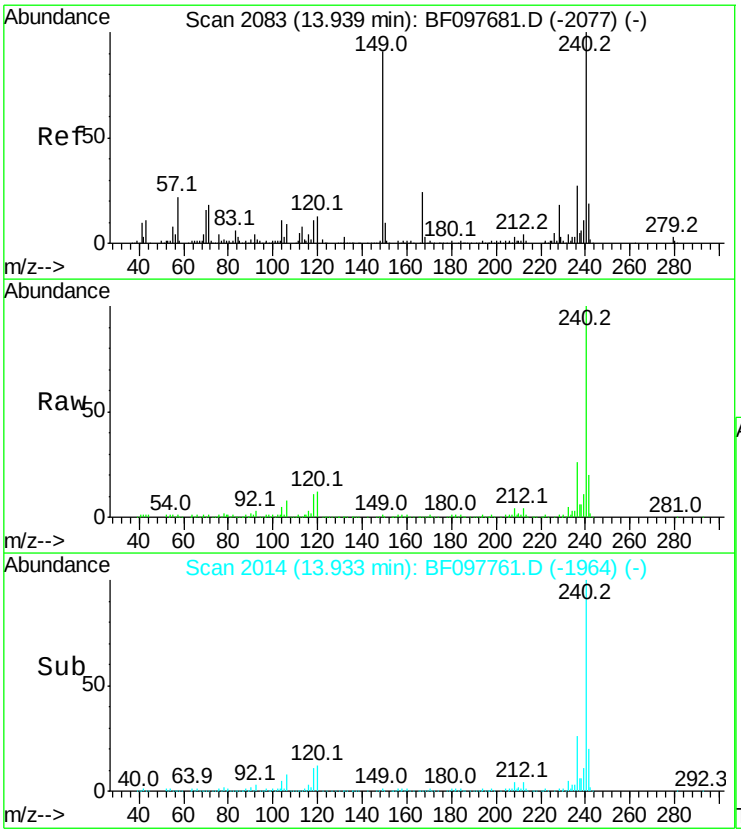
#70
Phenanthrene
Concen: 2.668 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF097761.D
Acq: 17 Aug 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-J9-BASE

Tgt Ion:178 Resp: 49285

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.2	24.4
179	16.5	12.6	19.0

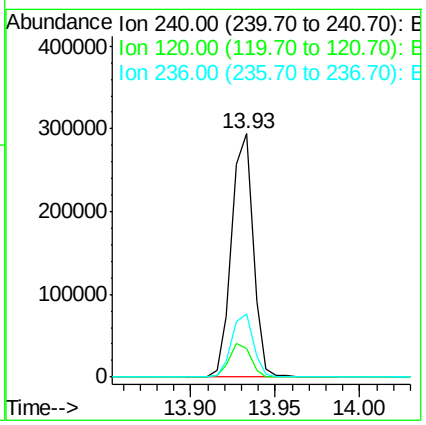


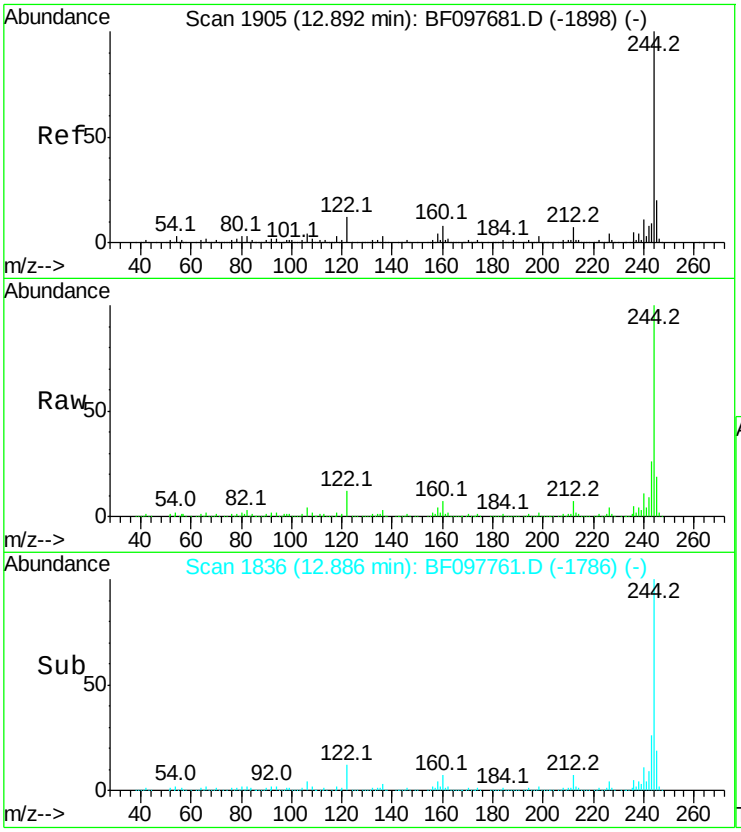


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097761.D
Acq: 17 Aug 2017 2:11

Tgt Ion:240 Resp: 261999

Ion	Ratio	Lower	Upper
240	100		
120	11.7	5.8	8.8#
236	26.0	20.5	30.7



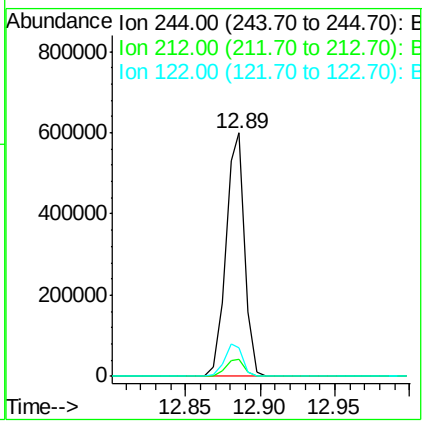


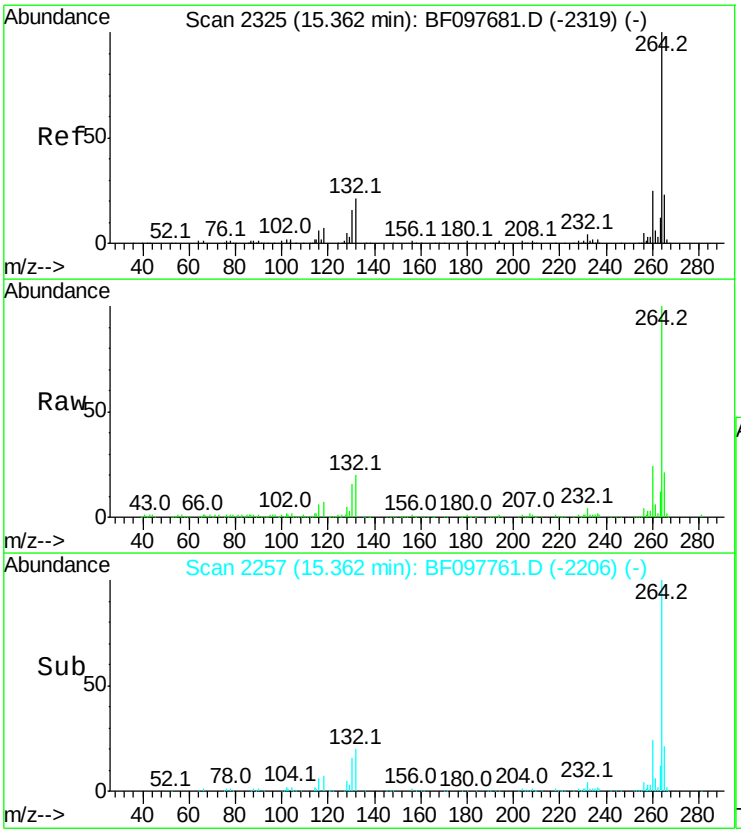
#78
Terphenyl-d14
Concen: 42.364 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF097761.D
Acq: 17 Aug 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-J9-BASE

Tgt Ion:244 Resp: 532254

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.6	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097761.D
Acq: 17 Aug 2017 2:11

Tgt Ion:264 Resp: 234008

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	20.8	17.2	25.8