Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093014.D
Acq On : 17 Feb 2017 16:58
Operator : SJ/MA
Sample : I1884-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MANHOLE-001

Quant Time: Feb 17 23:12:15 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	182007	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	708997	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	411311	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	672641	20.00	ng		0.00
75) Chrysene-d12	14.01	240	537208	20.00	ng		-0.01
86) Perylene-d12	15.44	264	431225	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	622019	58.63	ng		0.00
7) Phenol-d6	6.49	99	507703	37.19	ng		0.00
23) Nitrobenzene-d5	7.42	82	1144079	89.86	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	339530	114.13	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1919427	84.54	ng		0.00
78) Terphenyl-d14	12.97	244	1658384	72.54	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.16	128	146783	4.08	ng		99
49) Dimethylphthalate	9.61	163	56192	2.03	ng		98
51) Acenaphthene	9.93	154	953959	39.64	ng		97
54) Dibenzofuran	10.10	168	248529	7.72	ng	#	87
57) Fluorene	10.43	166	216339	8.74	ng	#	99

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

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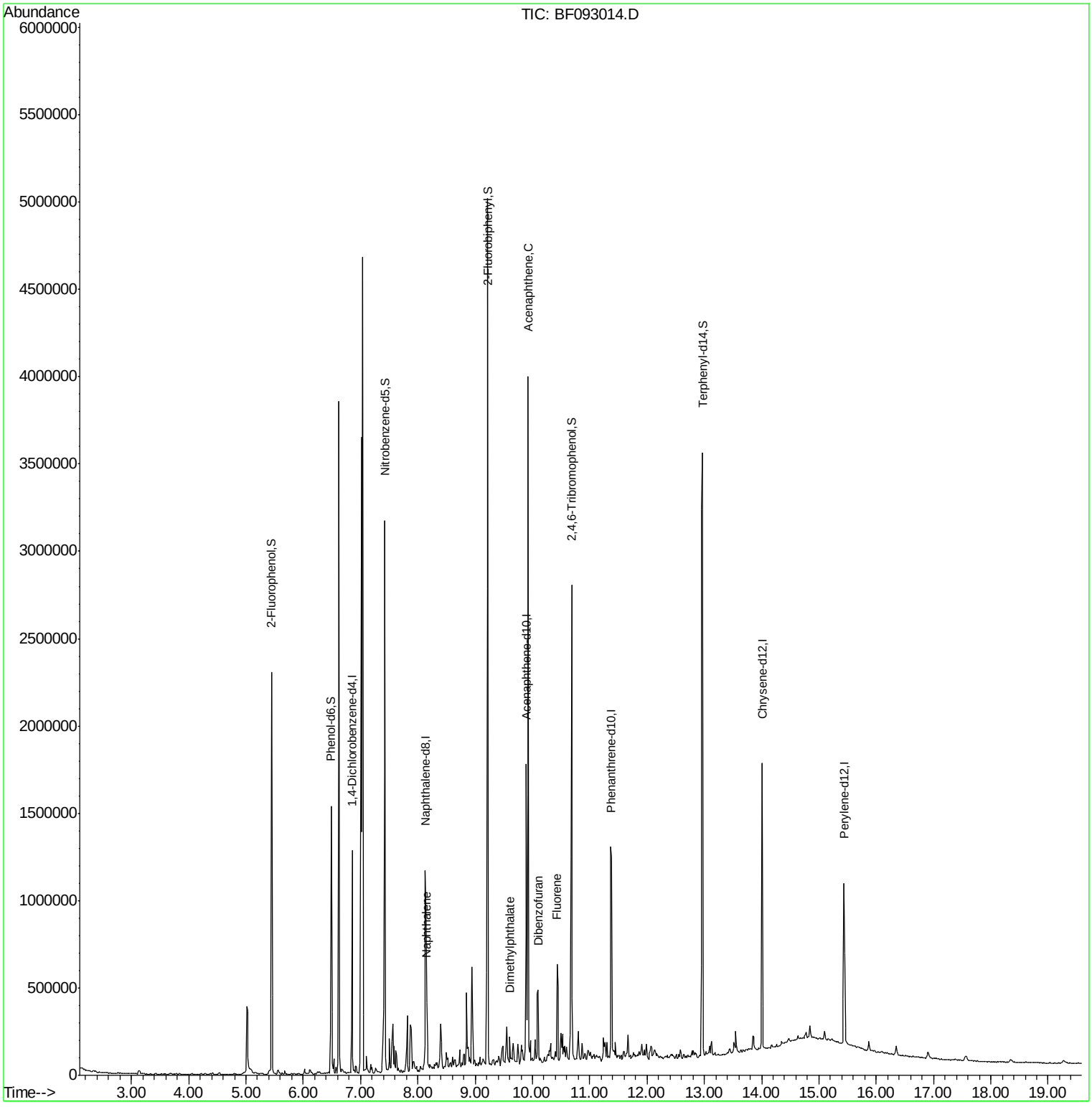
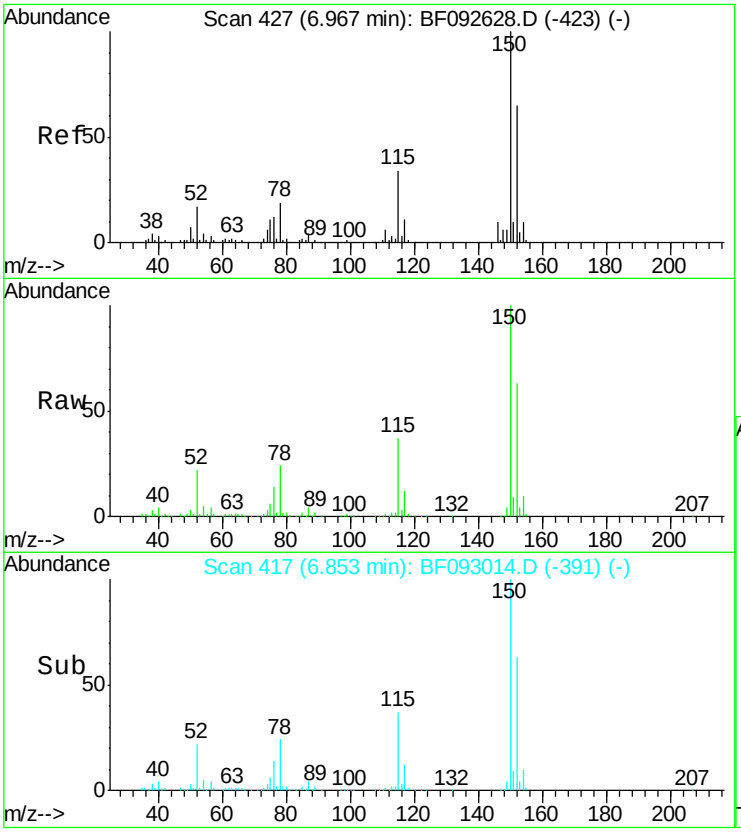


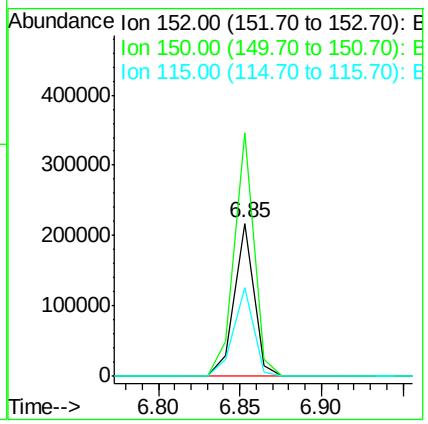


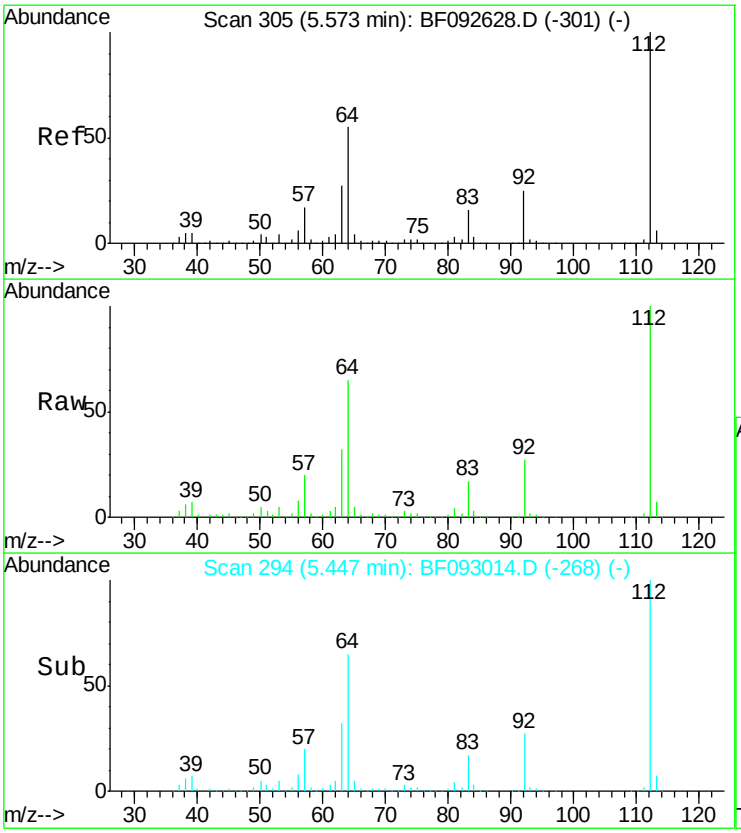
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF093014.D
Acq: 17 Feb 2017 16:58

Instrument :
BNA_F
ClientSampleId :
MANHOLE-001

Tgt Ion:152 Resp: 182007

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.9	187.3
115	58.2	46.0	69.0

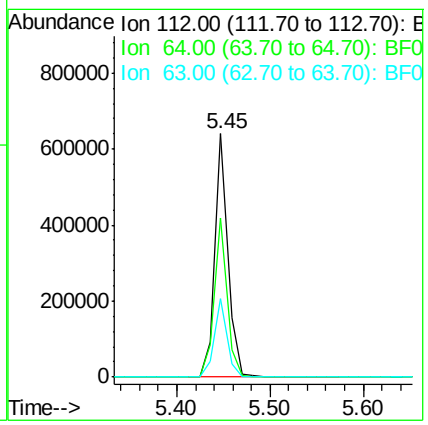


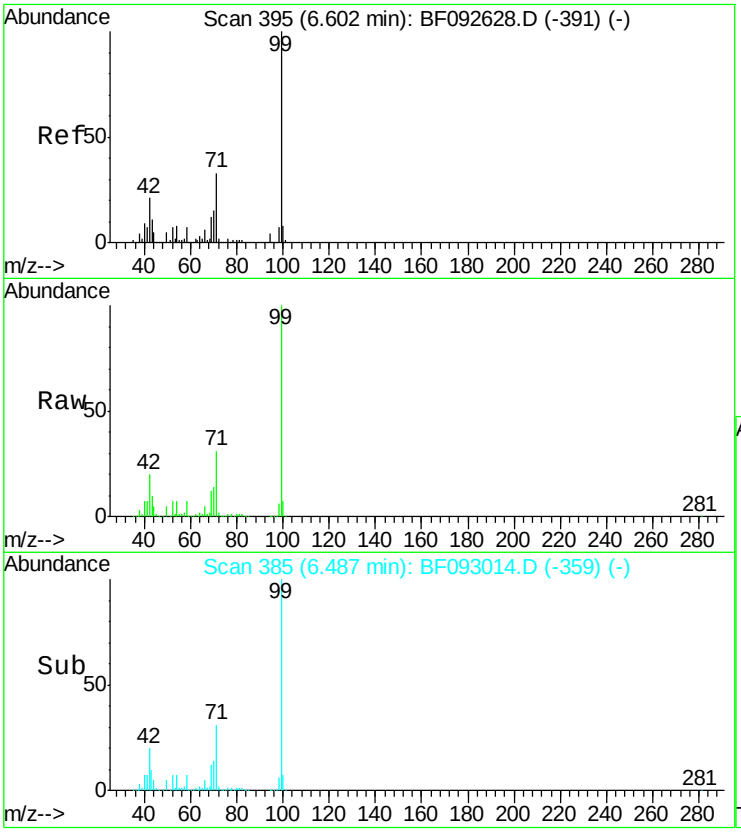


#5
2-Fluorophenol
Concen: 58.63 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.00 min
Lab File: BF093014.D
Acq: 17 Feb 2017 16:58

Tgt Ion:112 Resp: 622019

Ion	Ratio	Lower	Upper
112	100		
64	65.5	46.1	69.1
63	32.0	23.8	35.6



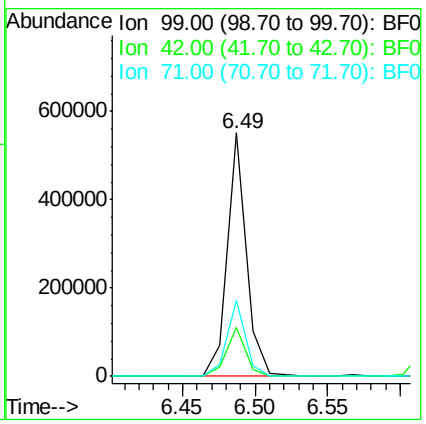


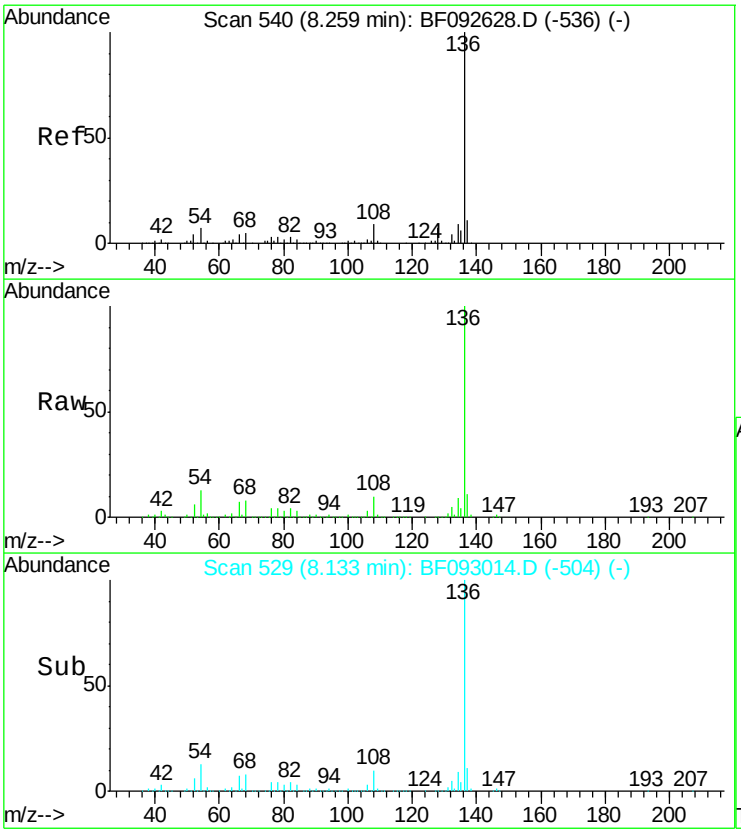
#7
Phenol-d6
Concen: 37.19 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF093014.D
Acq: 17 Feb 2017 16:58

Instrument :
BNA_F
ClientSampleId :
MANHOLE-001

Tgt Ion: 99 Resp: 507703

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.6	23.4
71	31.3	27.5	41.3

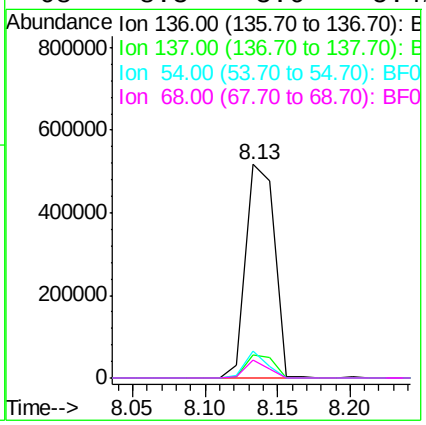


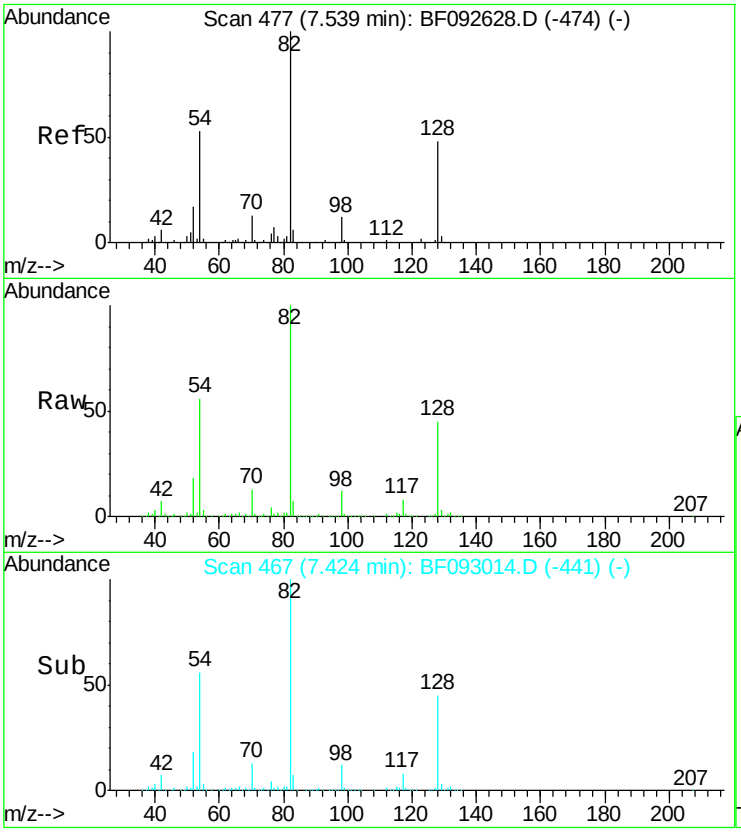


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093014.D
Acq: 17 Feb 2017 16:58

Tgt Ion:136 Resp: 708997

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	12.7	4.5	6.7#
68	8.3	3.6	5.4#



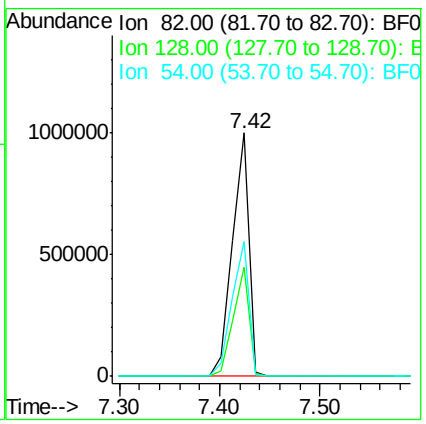


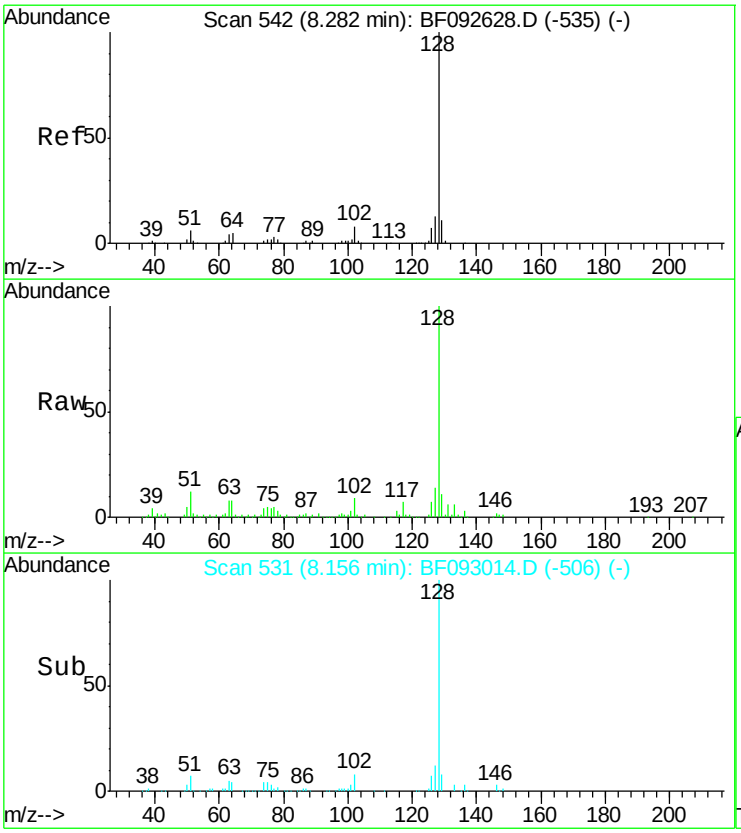
#23
Nitrobenzene-d5
Concen: 89.86 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF093014.D
Acq: 17 Feb 2017 16:58

Instrument :
BNA_F
ClientSampleId :
MANHOLE-001

Tgt Ion: 82 Resp: 1144079

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	52.0
54	55.5	39.5	59.3

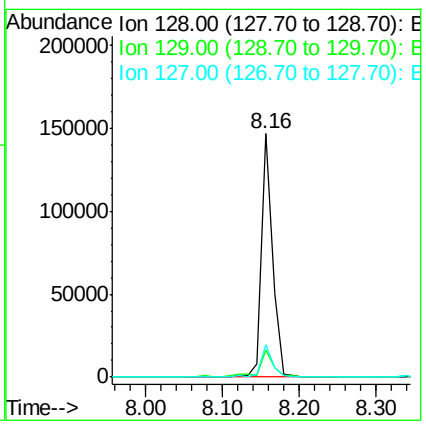


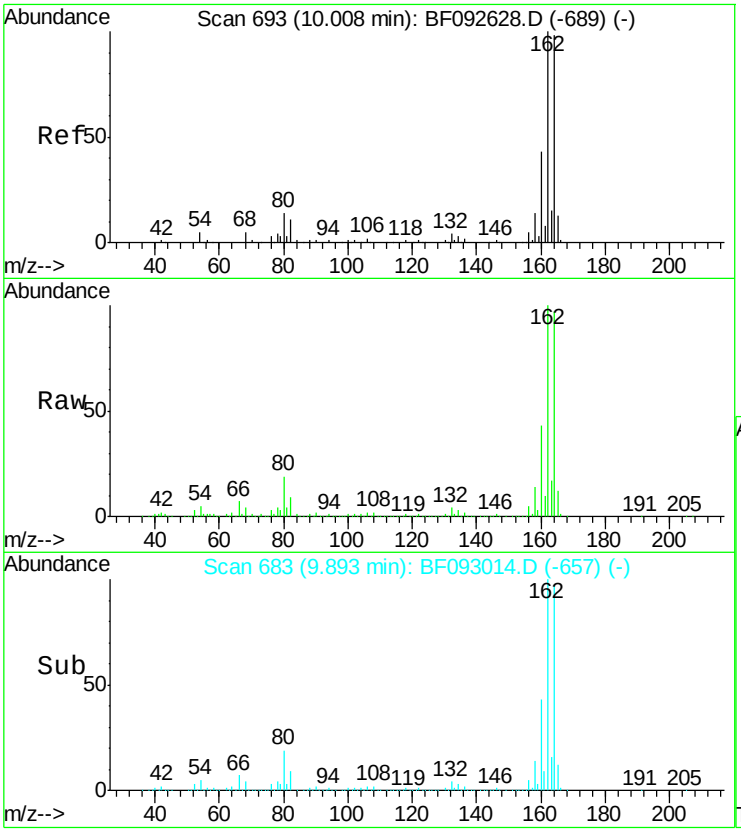


#31
Naphthalene
Concen: 4.08 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF093014.D
Acq: 17 Feb 2017 16:58

Tgt Ion:128 Resp: 146783

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.5	10.8	16.2



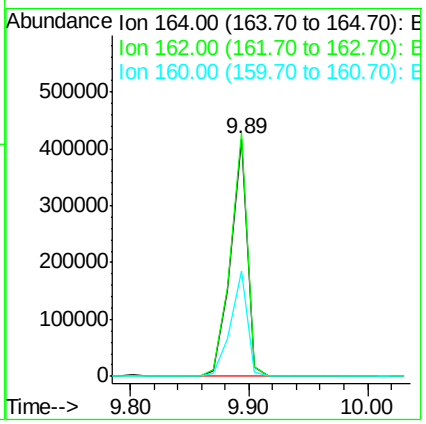


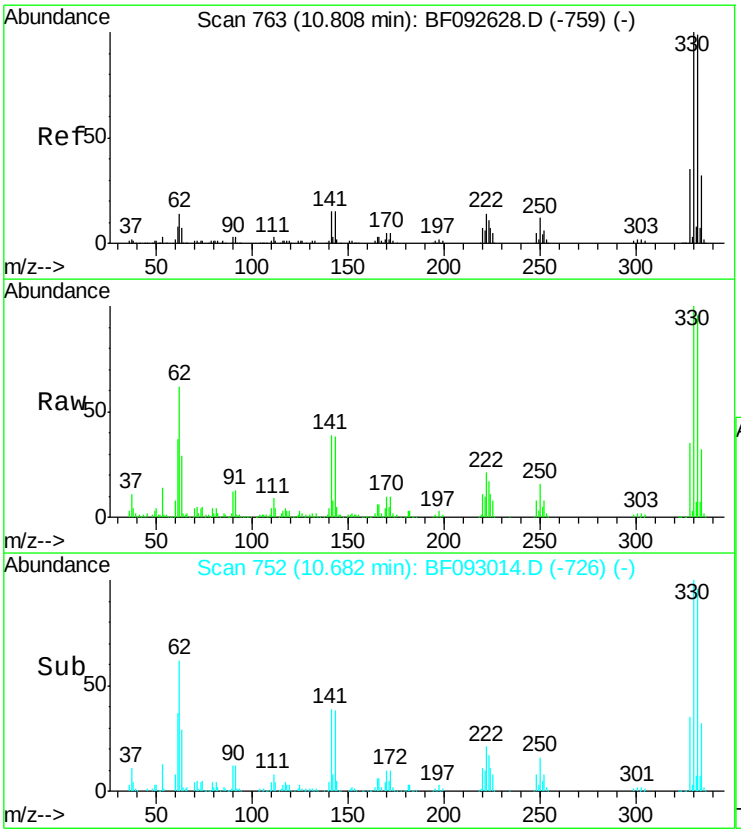
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093014.D
Acq: 17 Feb 2017 16:58

Instrument :
BNA_F
ClientSampleId :
MANHOLE-001

Tgt Ion:164 Resp: 411311

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.2	120.2
160	44.2	36.9	55.3

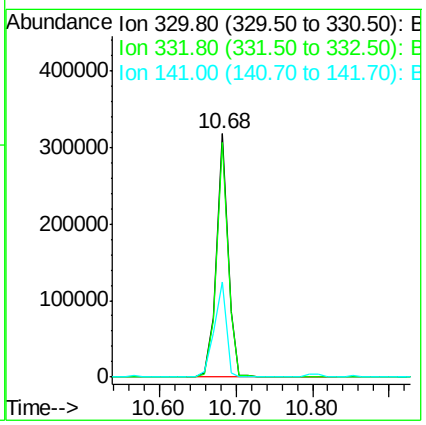


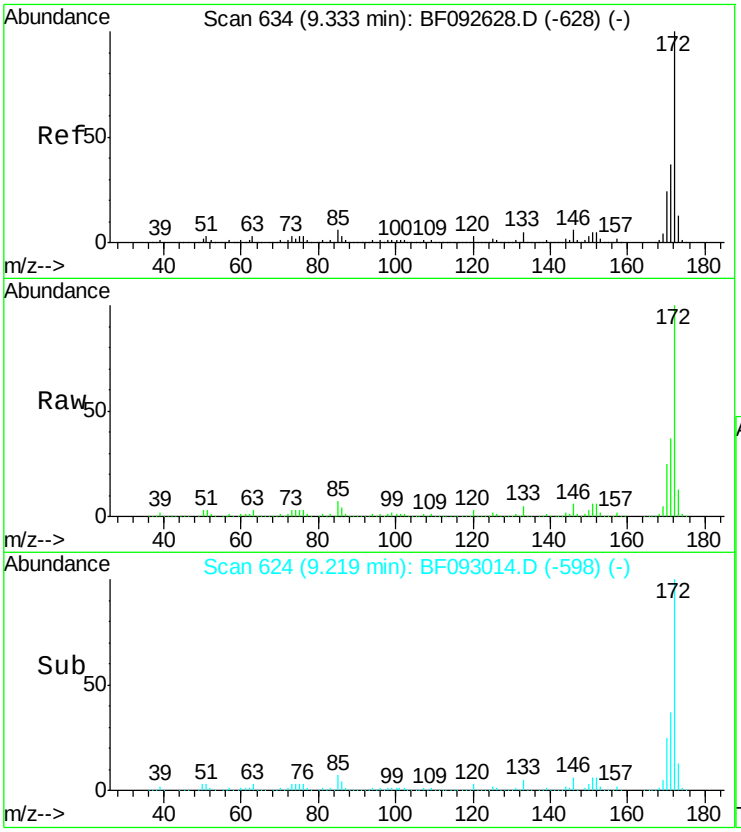


#41
2,4,6-Tribromophenol
Concen: 114.13 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF093014.D
Acq: 17 Feb 2017 16:58

Tgt Ion:330 Resp: 339530

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	39.1	34.1	51.1



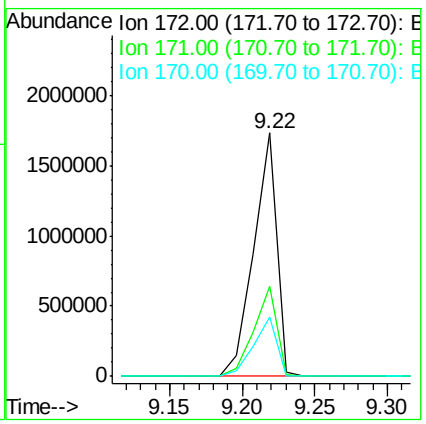


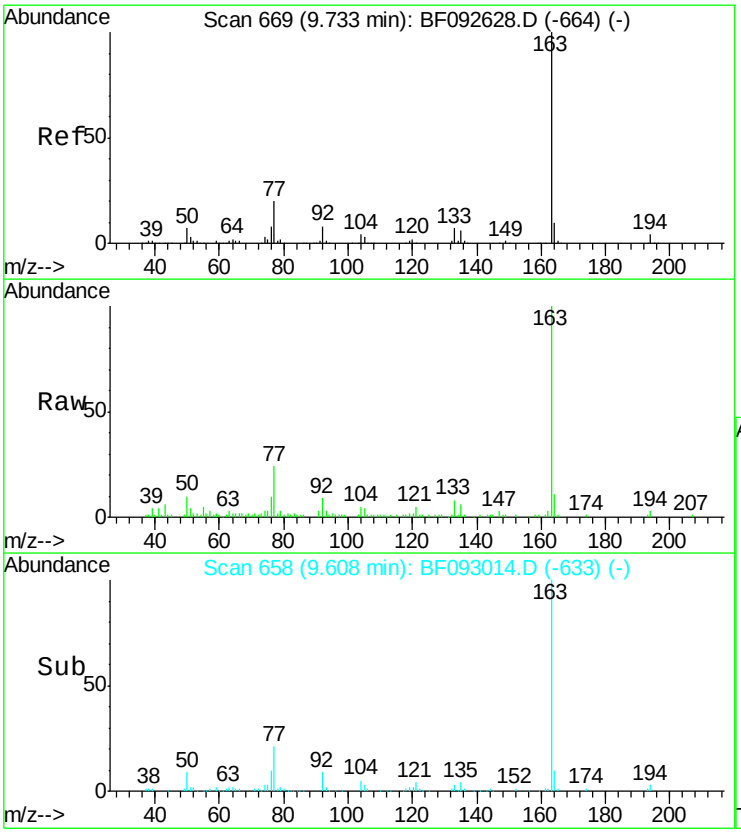
#44
2-Fluorobiphenyl
Concen: 84.54 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF093014.D
Acq: 17 Feb 2017 16:58

Instrument :
BNA_F
ClientSampleId :
MANHOLE-001

Tgt Ion:172 Resp: 1919427

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	24.6	20.2	30.4

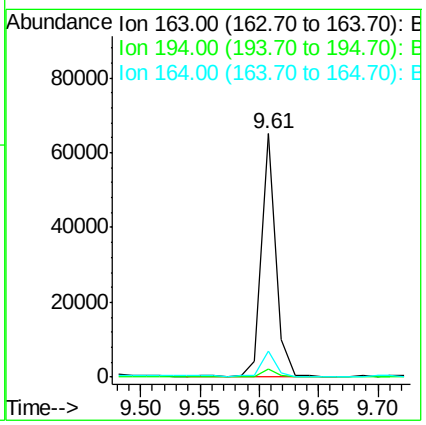


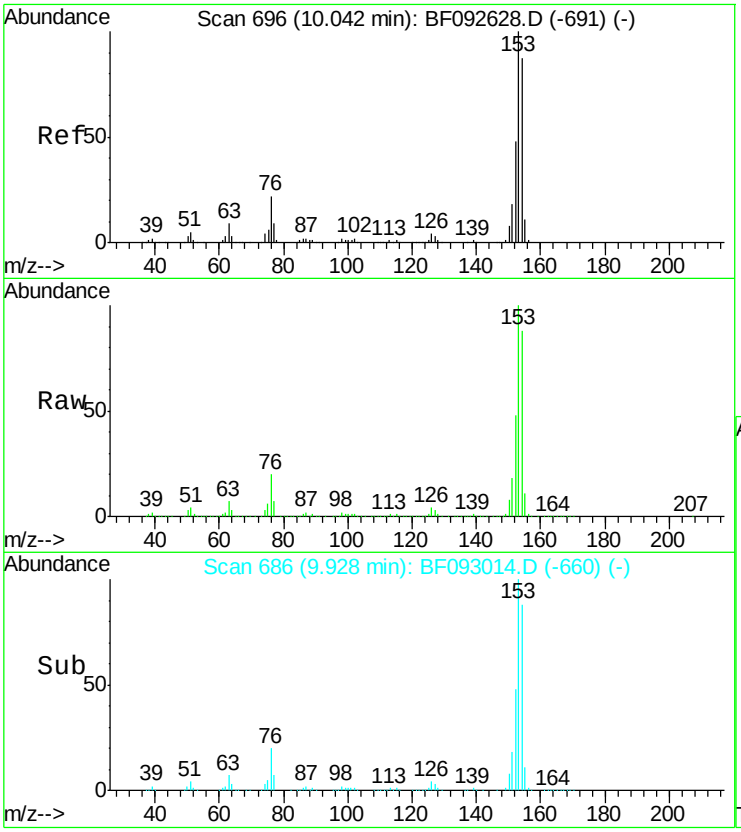


#49
Dimethylphthalate
Concen: 2.03 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093014.D
Acq: 17 Feb 2017 16:58

Tgt Ion:163 Resp: 56192

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.9	8.0	12.0



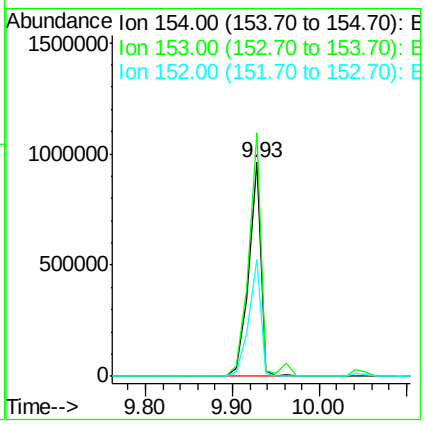


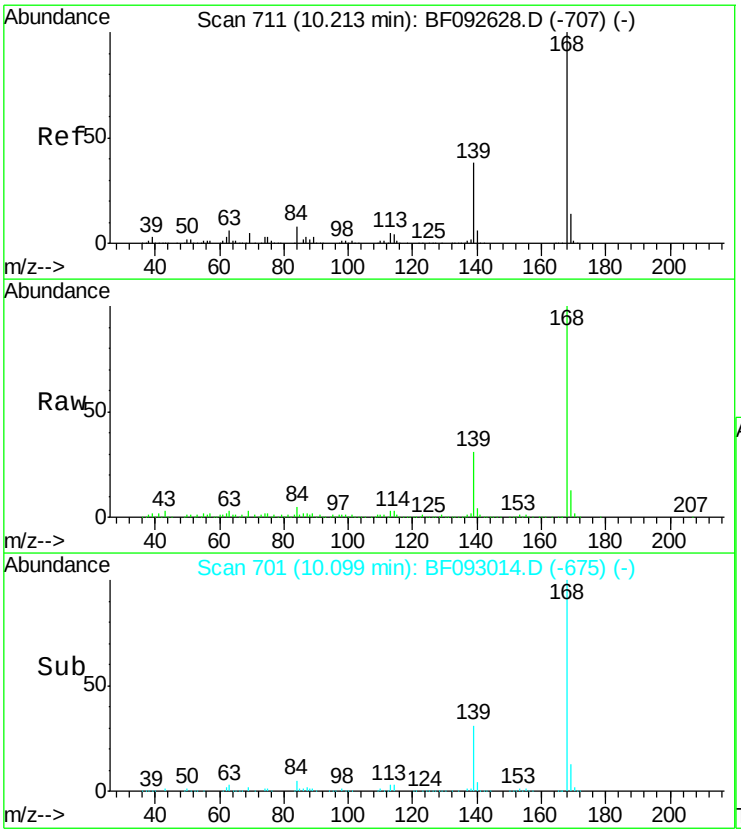
#51
Acenaphthene
Concen: 39.64 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF093014.D
Acq: 17 Feb 2017 16:58

Instrument :
BNA_F
ClientSampleId :
MANHOLE-001

Tgt Ion:154 Resp: 953959

Ion	Ratio	Lower	Upper
154	100		
153	114.0	88.6	133.0
152	54.8	41.6	62.4

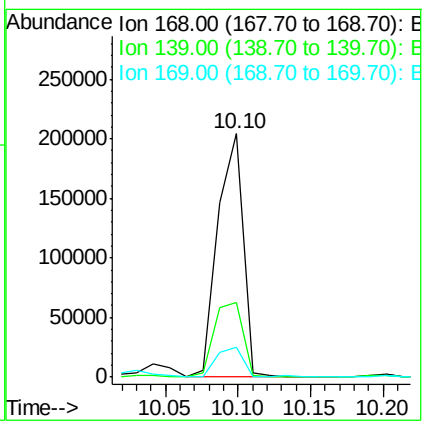


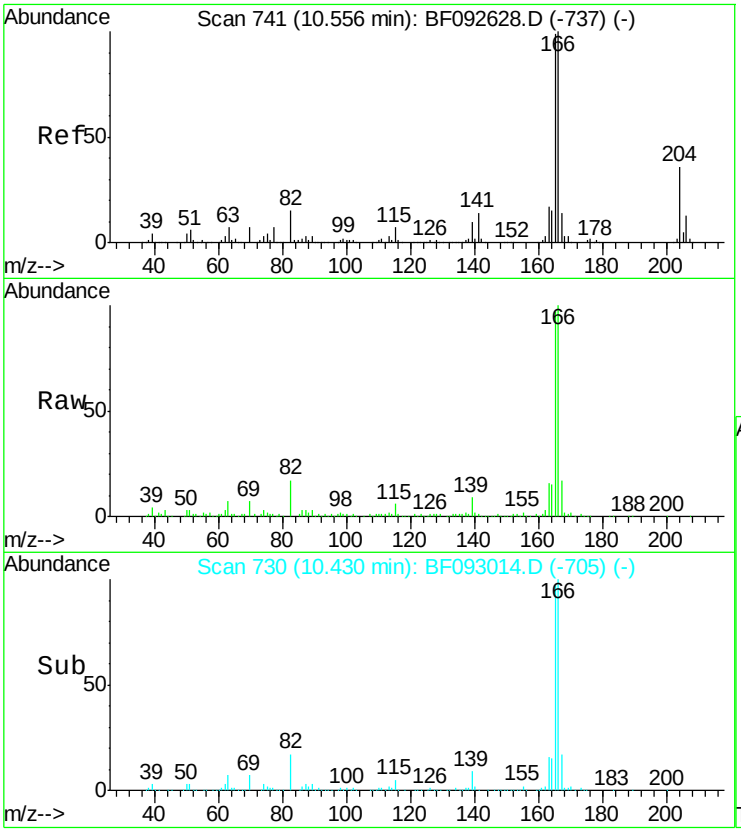


#54
Dibenzofuran
Concen: 7.72 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093014.D
Acq: 17 Feb 2017 16:58

Tgt Ion:168 Resp: 248529

Ion	Ratio	Lower	Upper
168	100		
139	30.9	32.6	49.0#
169	12.5	11.3	16.9



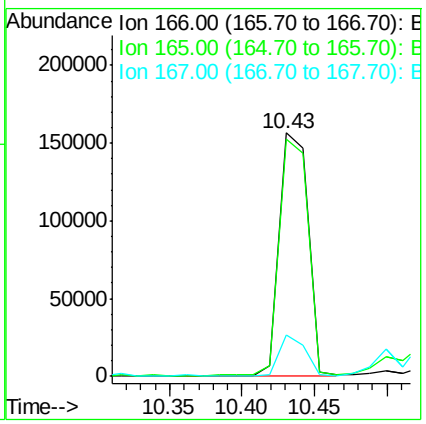


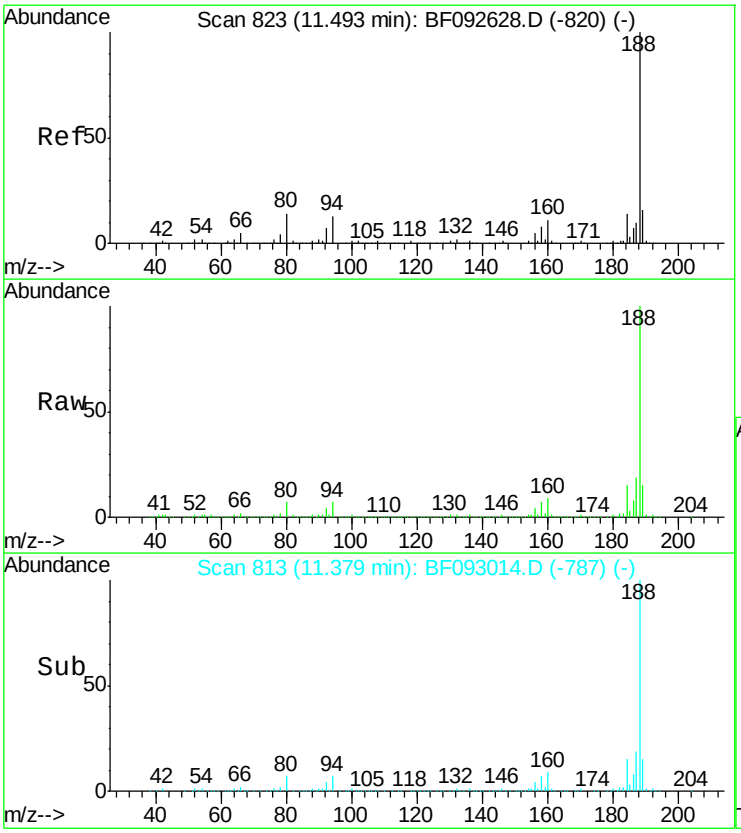
#57
Fluorene
Concen: 8.74 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF093014.D
Acq: 17 Feb 2017 16:58

Instrument :
BNA_F
ClientSampleId :
MANHOLE-001

Tgt Ion:166 Resp: 216339

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.8	116.8
167	17.2	10.8	16.2#

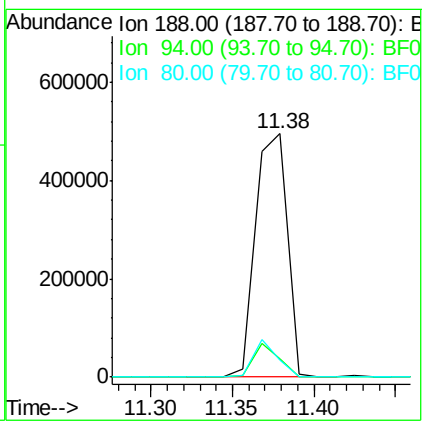


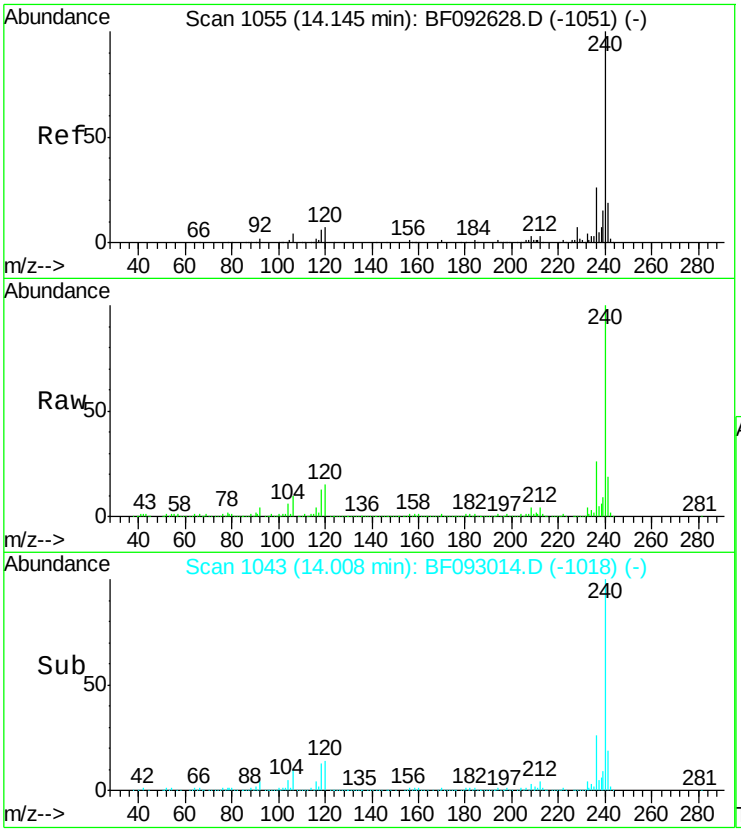


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF093014.D
Acq: 17 Feb 2017 16:58

Tgt Ion:188 Resp: 672641

Ion	Ratio	Lower	Upper
188	100		
94	7.4	10.0	15.0#
80	7.0	11.2	16.8#



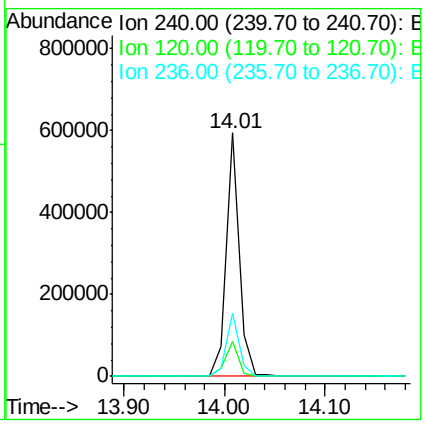


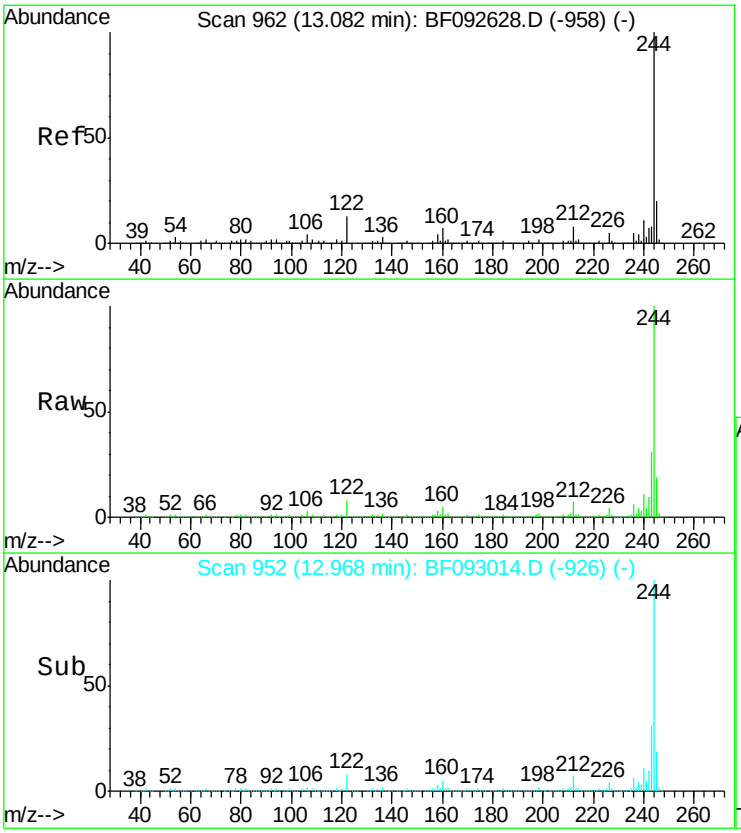
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093014.D
Acq: 17 Feb 2017 16:58

Instrument :
BNA_F
ClientSampleId :
MANHOLE-001

Tgt Ion:240 Resp: 537208

Ion	Ratio	Lower	Upper
240	100		
120	14.6	12.9	19.3
236	25.8	20.9	31.3

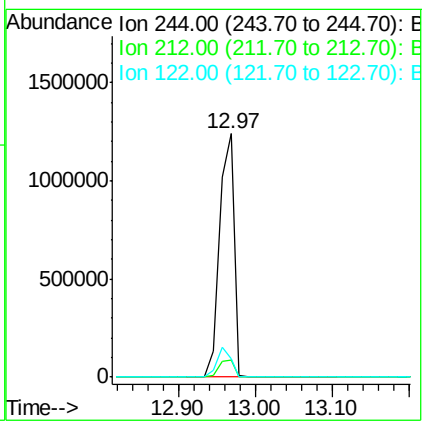


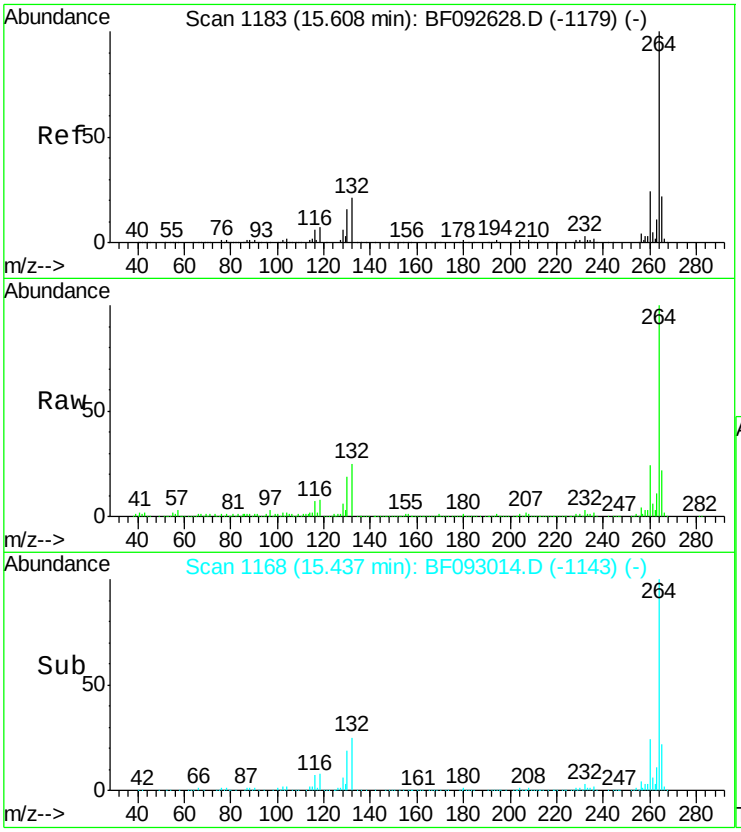


#78
Terphenyl-d14
Concen: 72.54 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF093014.D
Acq: 17 Feb 2017 16:58

Tgt Ion:244 Resp: 1658384

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	7.7	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093014.D
Acq: 17 Feb 2017 16:58

Instrument :
BNA_F
ClientSampleId :
MANHOLE-001

Tgt Ion:264 Resp: 431225

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.4	26.0