Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097646.D
Acq On : 12 Aug 2017 21:27
Operator : SJ/JU
Sample : I4631-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE-3-1

Quant Time: Aug 14 12:00:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	122099	20.00	ng		0.00
21) Naphthalene-d8	9.53	136	464806	20.00	ng		0.00
38) Acenaphthene-d10	12.37	164	150816	20.00	ng		0.00
63) Phenanthrene-d10	14.78	188	178793	20.00	ng		0.02
75) Chrysene-d12	18.49	240	177074	20.00	ng		0.02
86) Perylene-d12	20.14	264	166235	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	484341	63.05	ng		0.02
7) Phenol-d6	7.09	99	393051	41.25	ng		0.04
23) Nitrobenzene-d5	8.42	82	661214	89.20	ng		0.00
41) 2,4,6-Tribromophenol	13.69	330	131225	114.46	ng		0.03
44) 2-Fluorobiphenyl	11.32	172	950956	95.16	ng		0.00
78) Terphenyl-d14	17.14	244	473206	55.31	ng		0.02
Target Compounds							Qvalue
10) Phenol	7.12	94	68112	6.528	ng		94
14) 1,2-Dichlorobenzene	7.76	146	20457	2.233	ng		91
17) 2-Methylphenol	8.05	107	81029	11.873	ng		95
20) 3+4-Methylphenols	8.30	107	528114	63.185	ng	#	58
27) 2,4-Dimethylphenol	9.13	122	125002	18.346	ng		98
31) Naphthalene	9.57	128	60003	2.577	ng	#	81
37) 2-Methylnaphthalene	10.70	142	435627	29.738	ng		97
51) Acenaphthene	12.42	154	54783	5.788	ng		91
54) Dibenzofuran	12.71	168	55755	4.208	ng	#	70
57) Fluorene	13.26	166	83730	7.684	ng	#	96
70) Phenanthrene	14.82	178	112895	10.963	ng	#	90

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097646.D
Acq On : 12 Aug 2017 21:27
Operator : SJ/JU
Sample : I4631-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VE-3-1

Quant Time: Aug 14 12:00:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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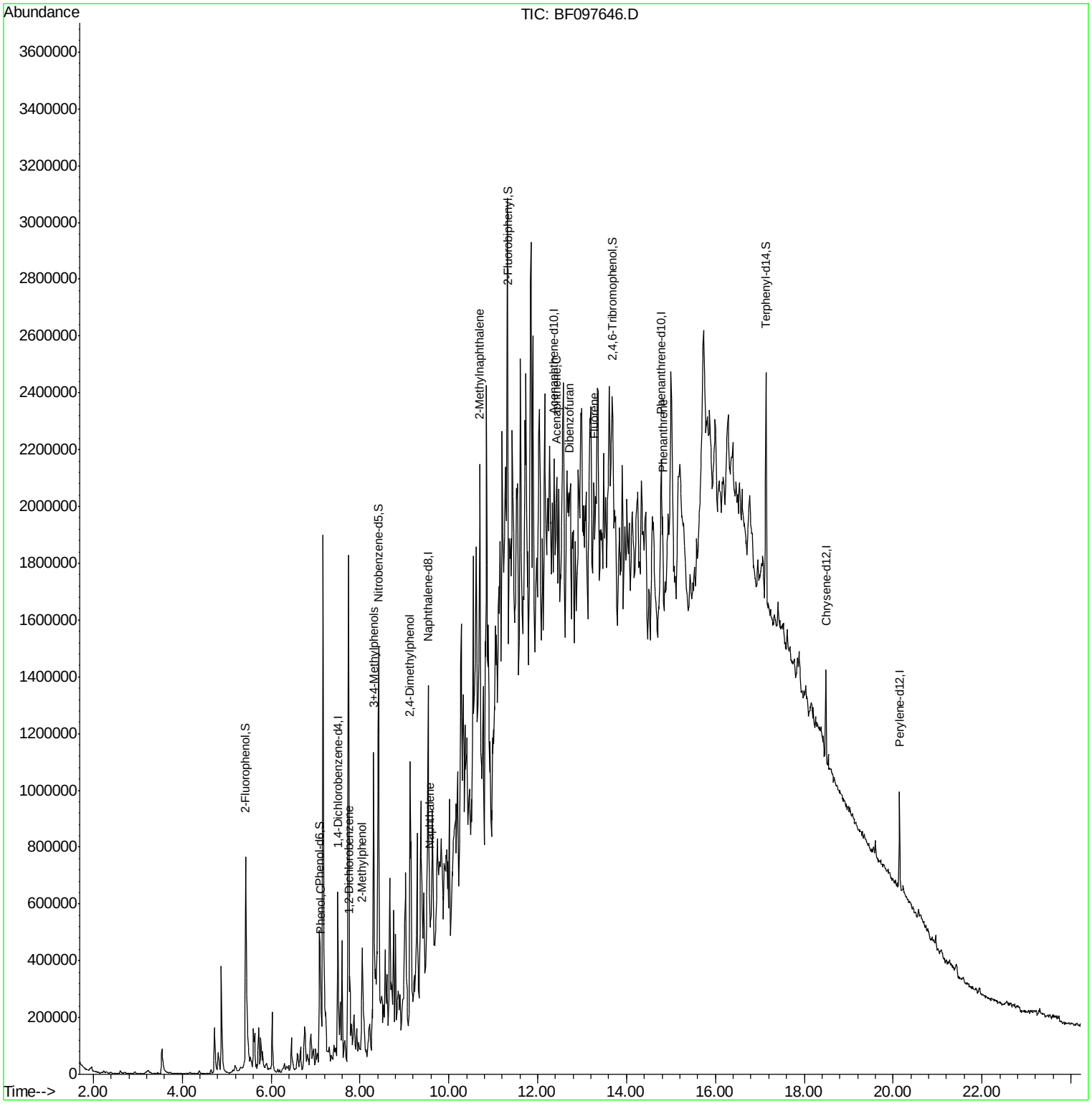
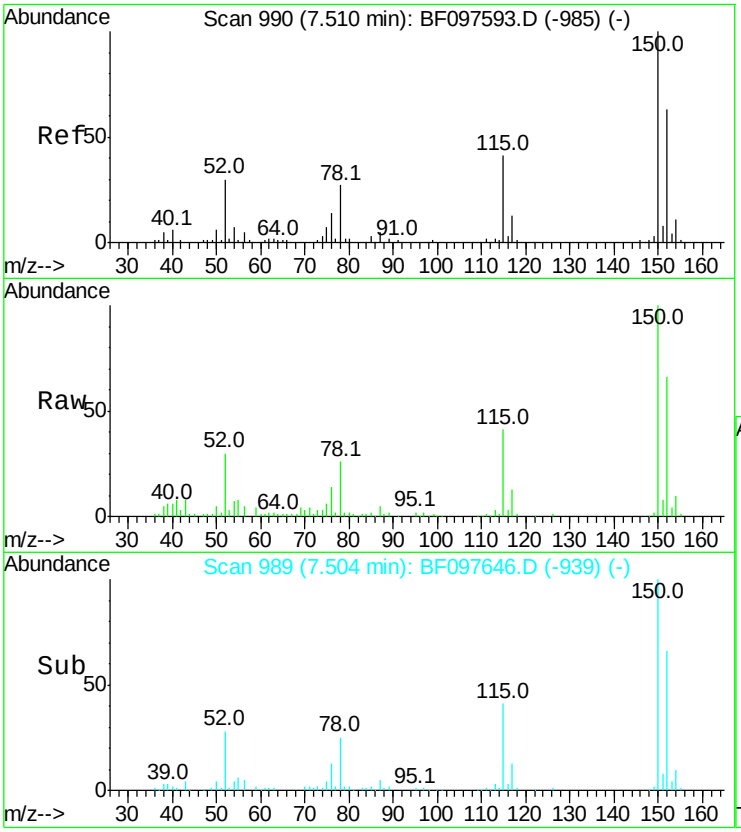


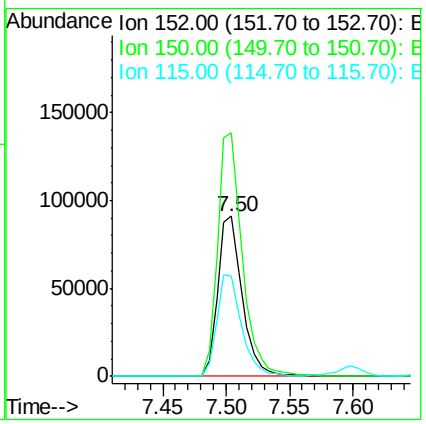


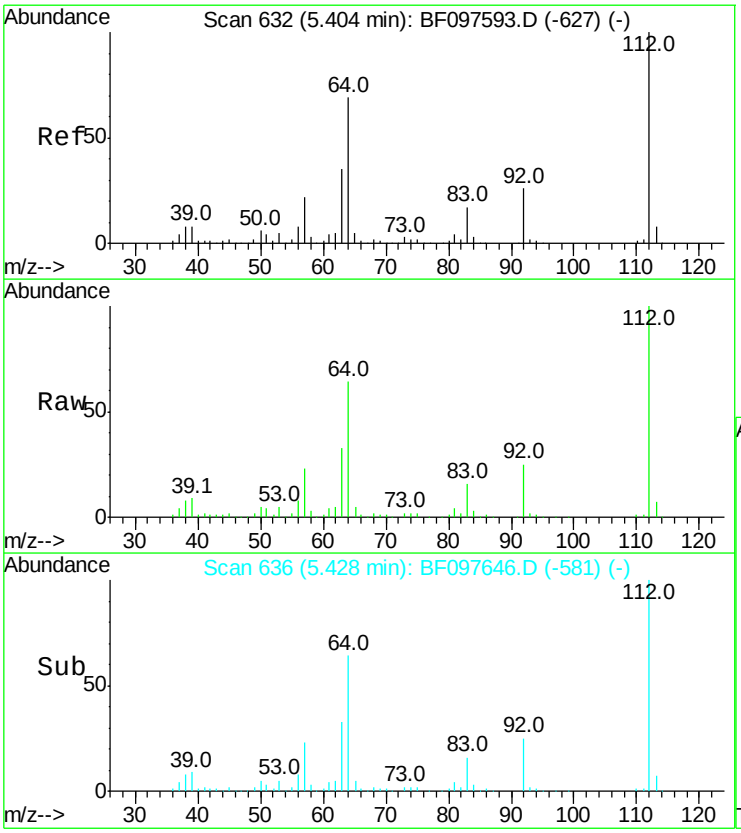
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Instrument :
BNA_F
ClientSampleId :
VE-3-1

Tgt Ion:152 Resp: 122099

Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.2	189.2
115	62.6	52.2	78.2

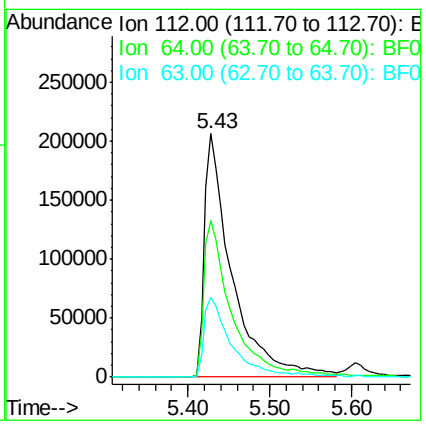


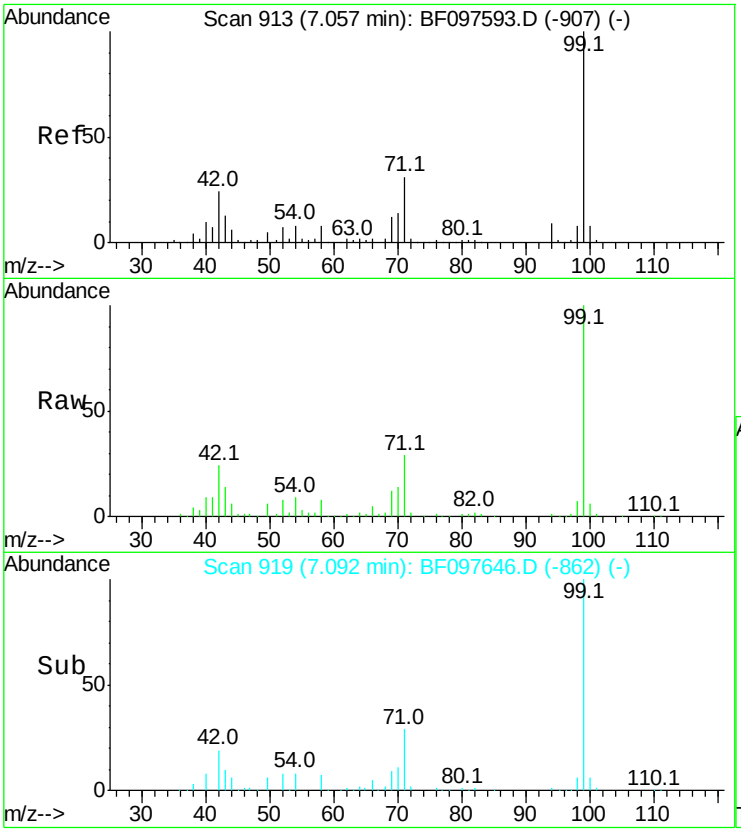


#5
2-Fluorophenol
Concen: 63.052 ng
RT: 5.43 min Scan# 636
Delta R.T. 0.02 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Tgt Ion:112 Resp: 484341

Ion	Ratio	Lower	Upper
112	100		
64	64.4	46.0	69.0
63	32.7	23.4	35.0



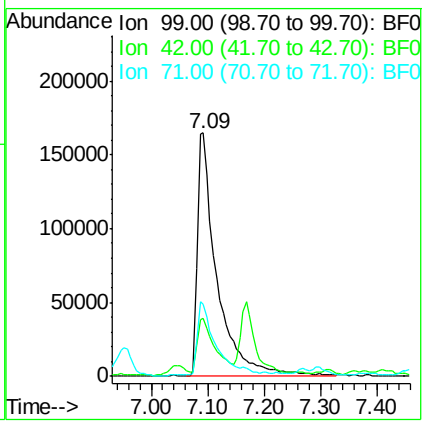


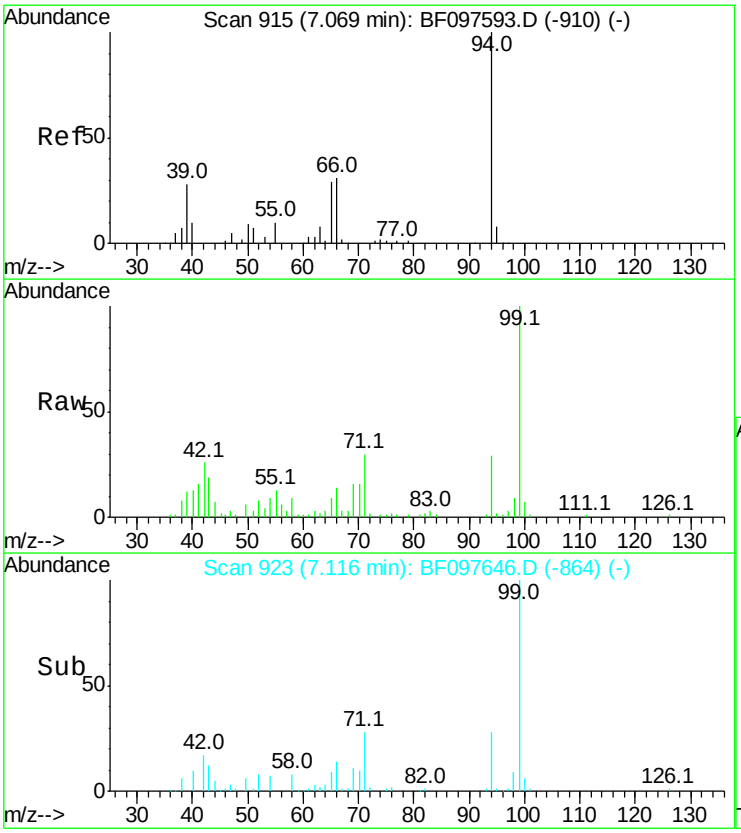
#7
Phenol-d6
Concen: 41.247 ng
RT: 7.09 min Scan# 919
Delta R.T. 0.04 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Instrument :
BNA_F
ClientSampleId :
VE-3-1

Tgt Ion: 99 Resp: 393051

Ion	Ratio	Lower	Upper
99	100		
42	24.0	13.5	20.3#
71	29.4	24.5	36.7

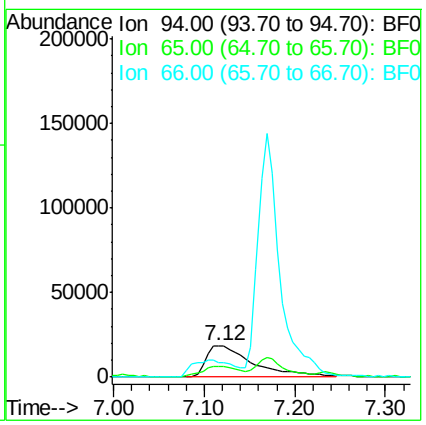


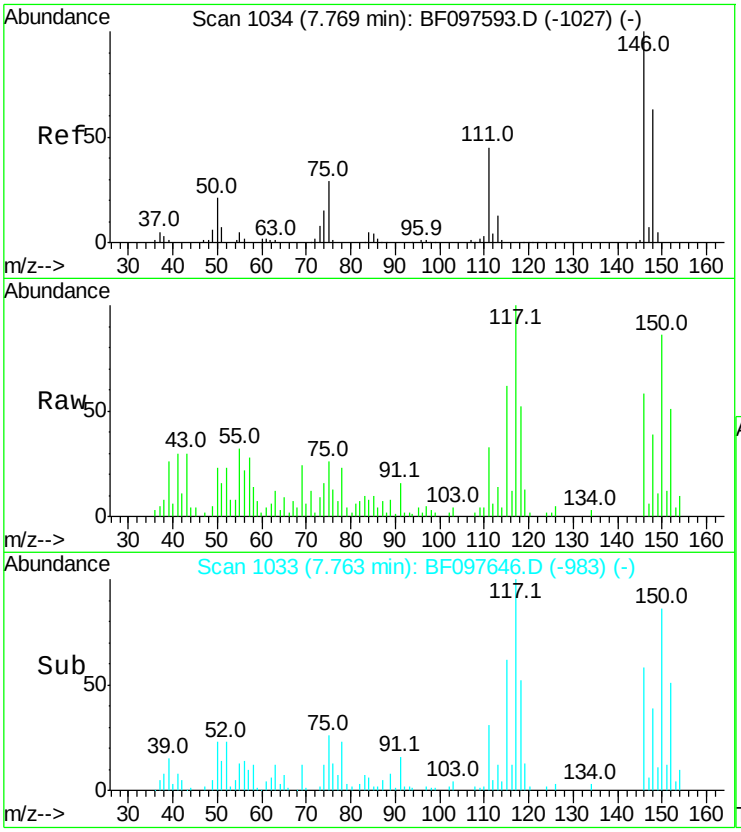


#10
Phenol
Concen: 6.528 ng
RT: 7.12 min Scan# 923
Delta R.T. 0.05 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Tgt Ion: 94 Resp: 68112

Ion	Ratio	Lower	Upper
94	100		
65	32.6	9.9	49.9
66	47.6	23.1	63.1



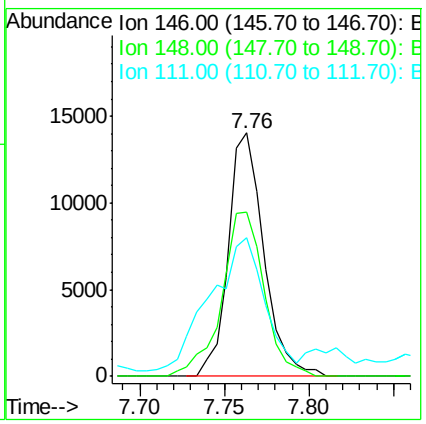


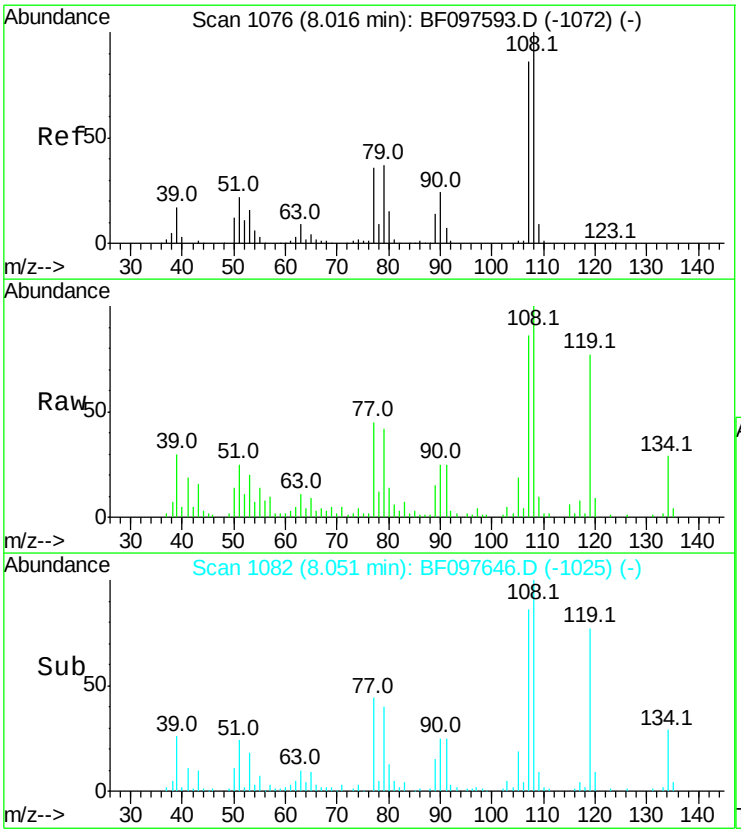
#14
1,2-Dichlorobenzene
Concen: 2.233 ng
RT: 7.76 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Instrument :
BNA_F
ClientSampleId :
VE-3-1

Tgt Ion:146 Resp: 20457

Ion	Ratio	Lower	Upper
146	100		
148	67.5	50.4	75.6
111	56.9	38.2	57.4

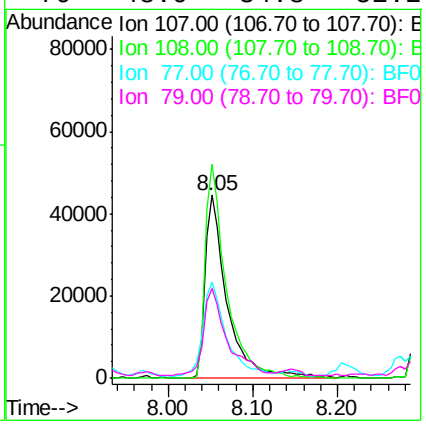


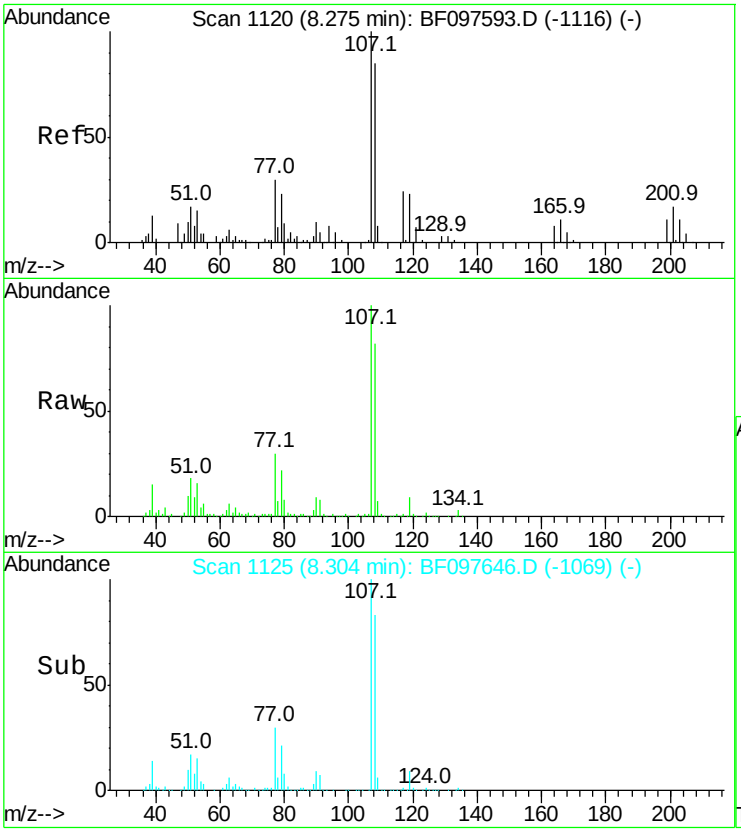


#17
2-Methylphenol
Concen: 11.873 ng
RT: 8.05 min Scan# 1082
Delta R.T. 0.04 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Tgt Ion:107 Resp: 81029

Ion	Ratio	Lower	Upper
107	100		
108	116.8	93.4	140.0
77	52.8	35.8	53.6
79	48.9	34.8	52.2



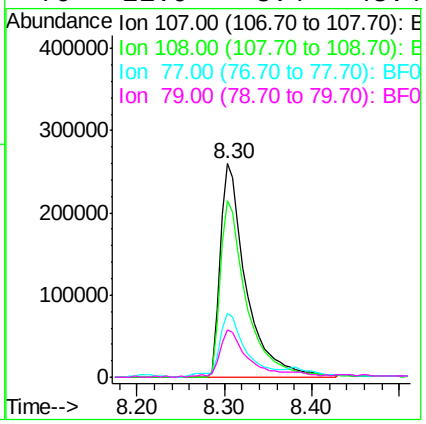


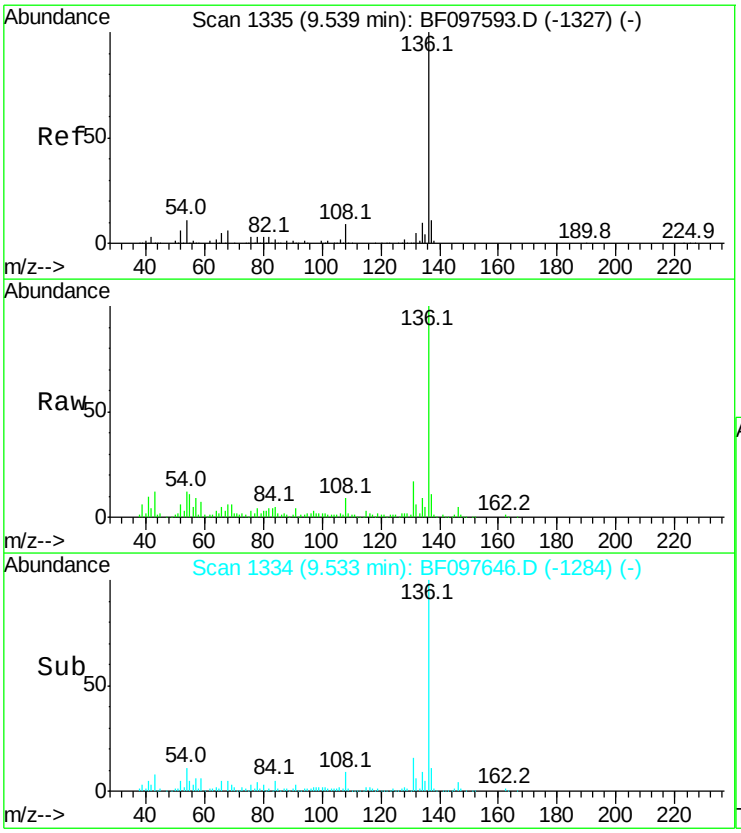
#20
3+4-Methylphenols
Concen: 63.185 ng
RT: 8.30 min Scan# 1125
Delta R.T. 0.03 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Instrument :
BNA_F
ClientSampleId :
VE-3-1

Tgt Ion:107 Resp: 528114

Ion	Ratio	Lower	Upper
107	100		
108	82.4	71.0	111.0
77	30.1	90.5	130.5#
79	21.9	8.4	48.4

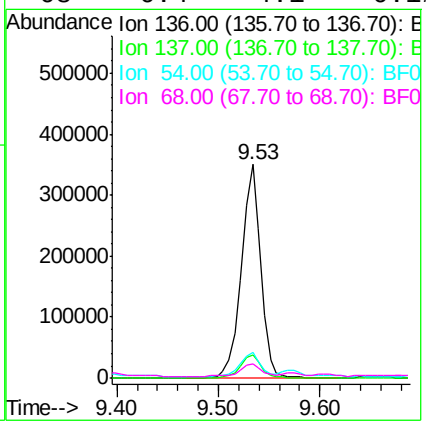


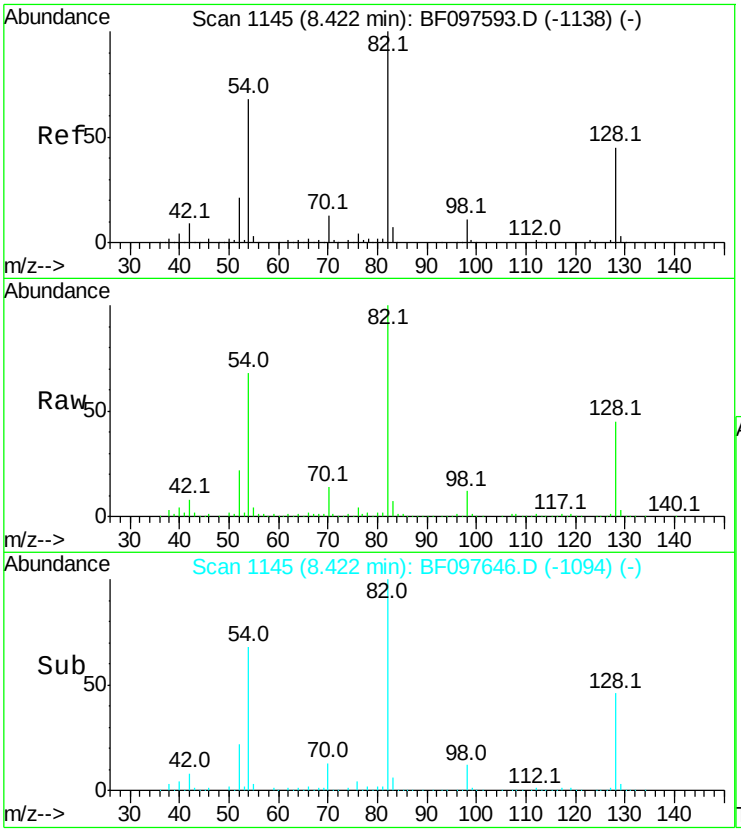


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.53 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Tgt Ion:136 Resp: 464806

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	11.9	4.9	7.3#
68	6.4	4.1	6.1#



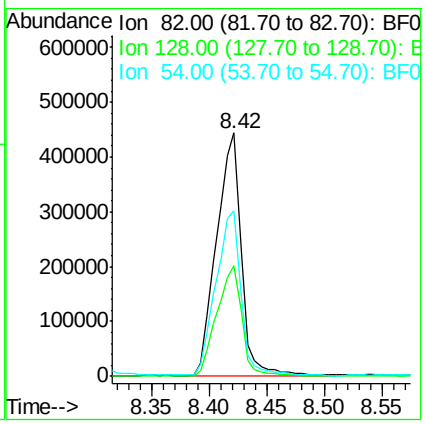


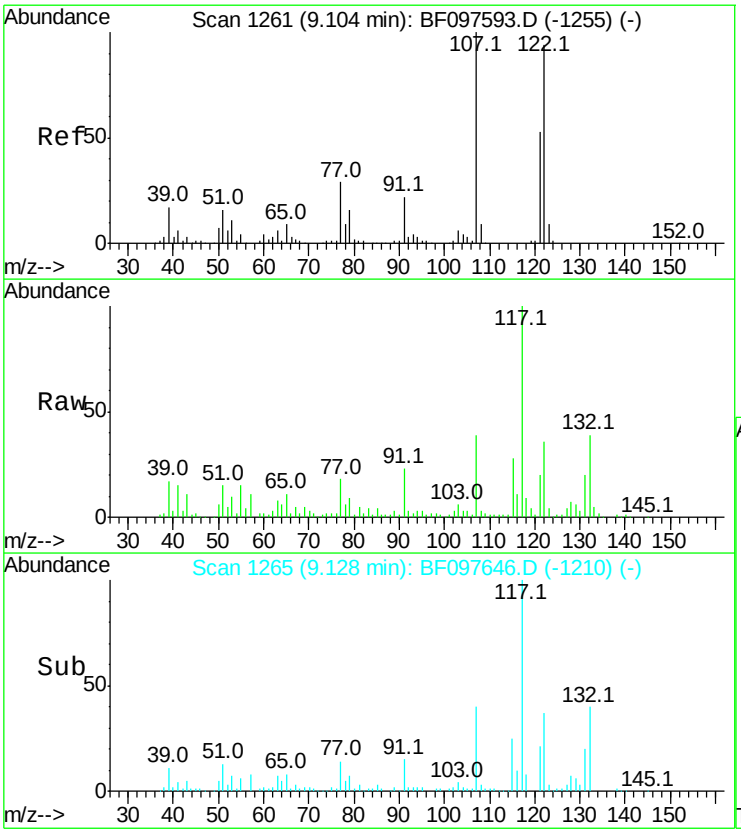
#23
Nitrobenzene-d5
Concen: 89.201 ng
RT: 8.42 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Instrument :
BNA_F
ClientSampleId :
VE-3-1

Tgt Ion: 82 Resp: 661214

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	68.0	42.2	63.2#

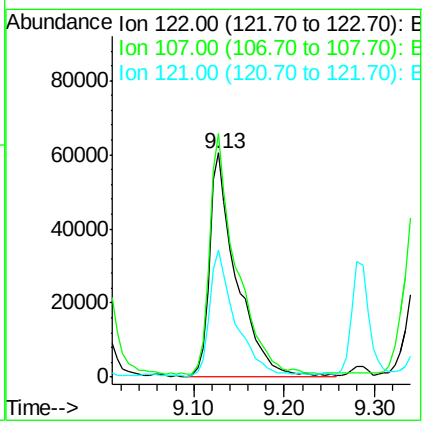


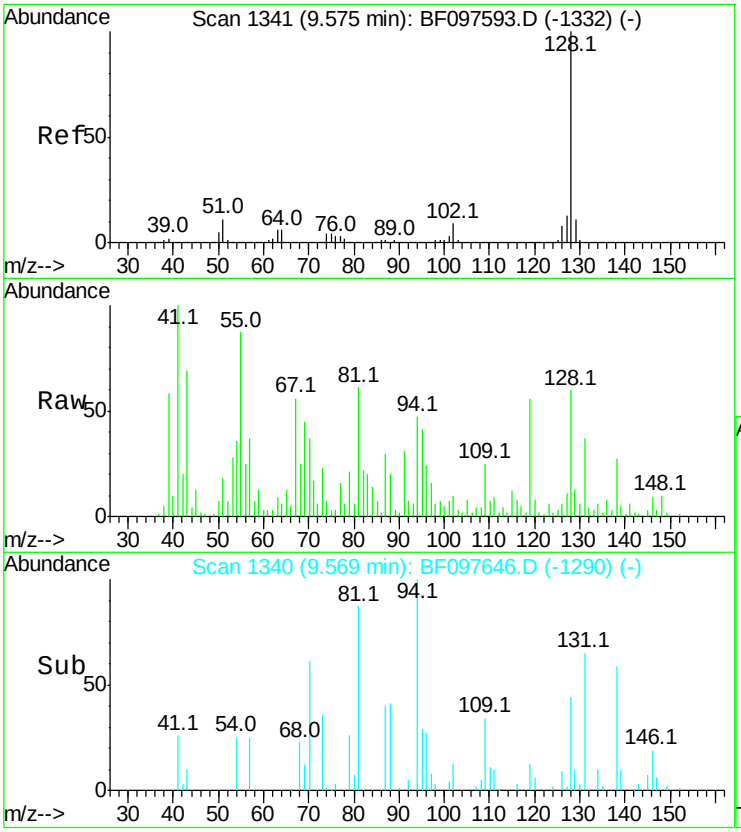


#27
2,4-Dimethylphenol
Concen: 18.346 ng
RT: 9.13 min Scan# 1265
Delta R.T. 0.02 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Tgt Ion:122 Resp: 125002

Ion	Ratio	Lower	Upper
122	100		
107	108.5	89.2	133.8
121	56.5	45.2	67.8



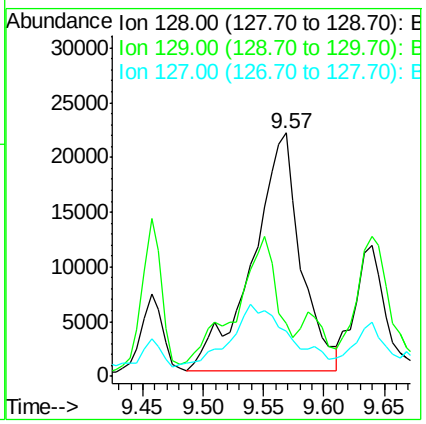


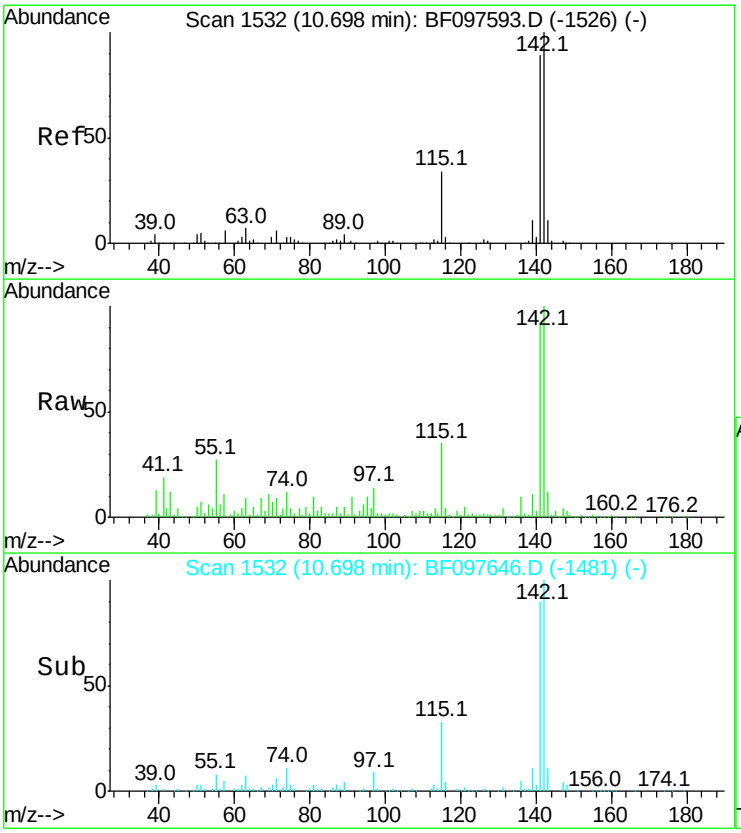
#31
Naphthalene
Concen: 2.577 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Instrument :
BNA_F
ClientSampleId :
VE-3-1

Tgt Ion:128 Resp: 60003

Ion	Ratio	Lower	Upper
128	100		
129	21.7	9.0	13.6#
127	18.5	10.8	16.2#

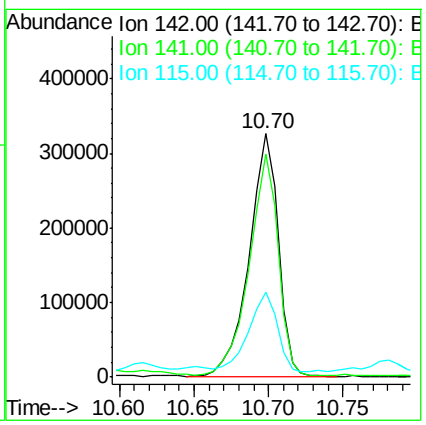


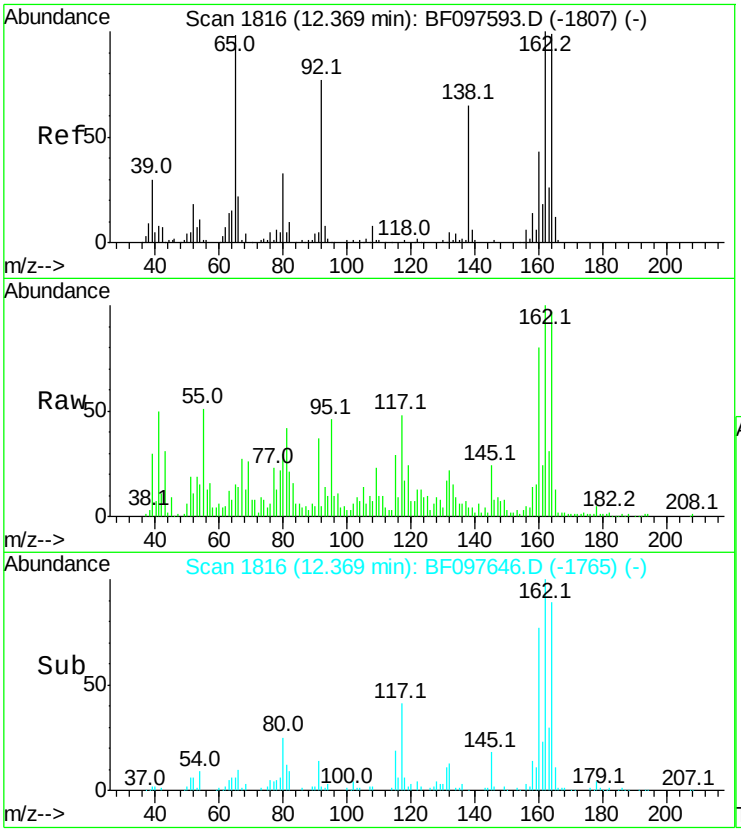


#37
2-Methylnaphthalene
Concen: 29.738 ng
RT: 10.70 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Tgt Ion:142 Resp: 435627

Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.3	106.9
115	35.1	27.1	40.7



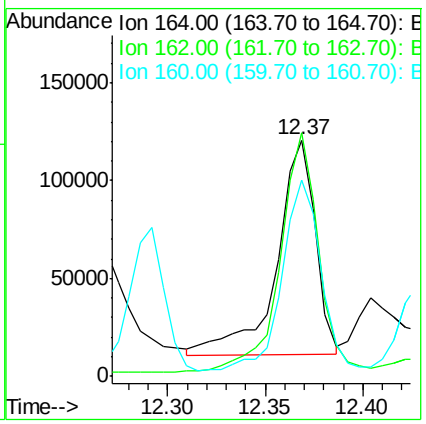


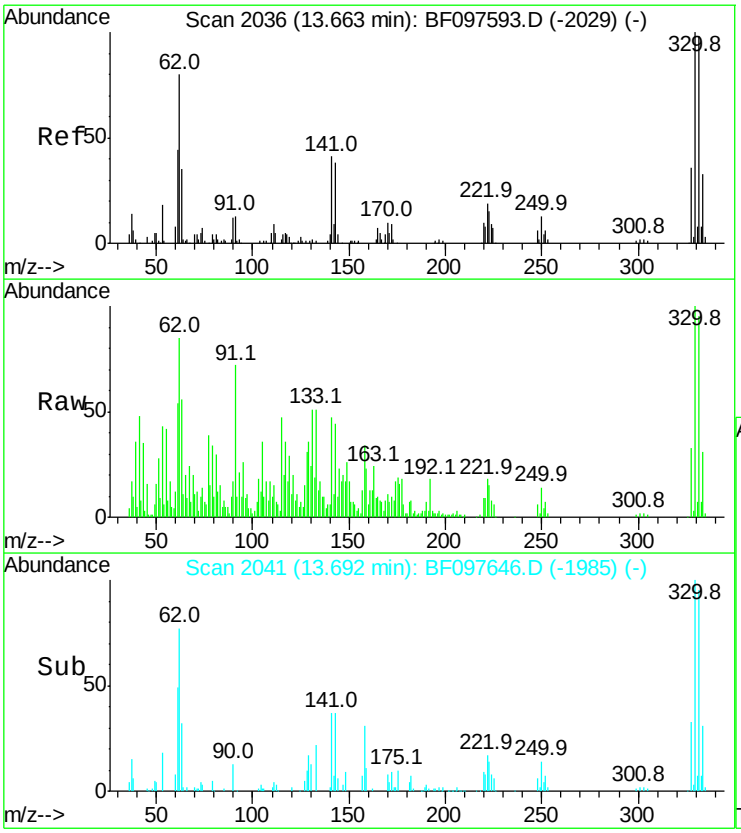
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.37 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Instrument :
BNA_F
ClientSampleId :
VE-3-1

Tgt Ion:164 Resp: 150816

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	82.9	36.2	54.2#

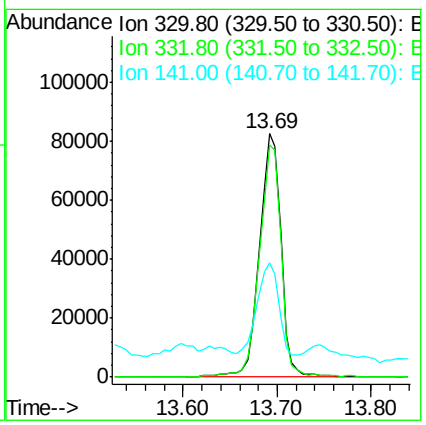


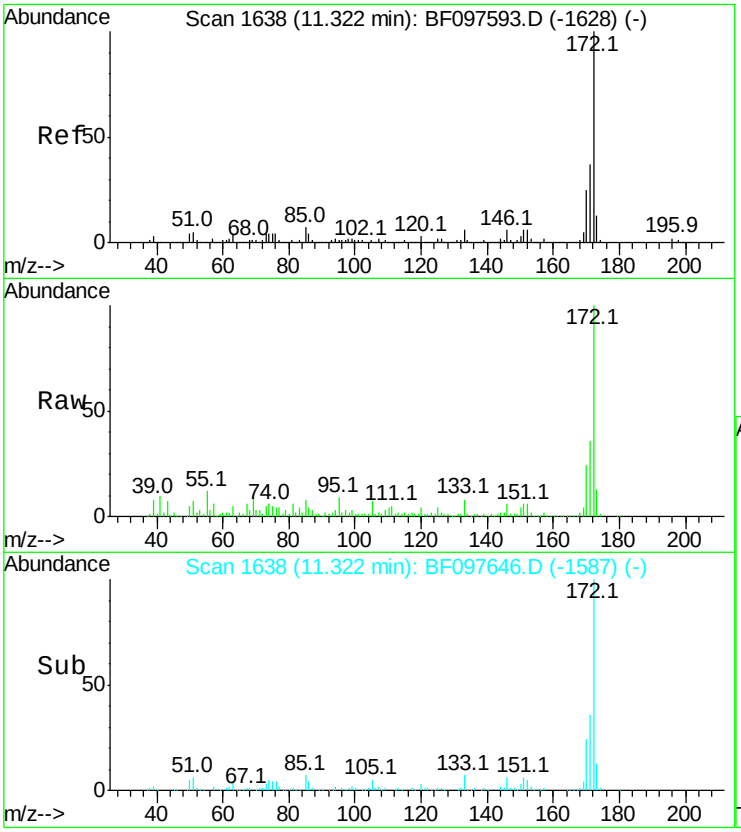


#41
2,4,6-Tribromophenol
Concen: 114.459 ng
RT: 13.69 min Scan# 2041
Delta R.T. 0.03 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Tgt Ion:330 Resp: 131225

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	39.8	31.4	47.2



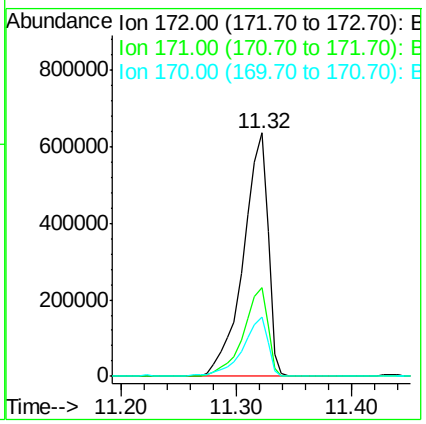


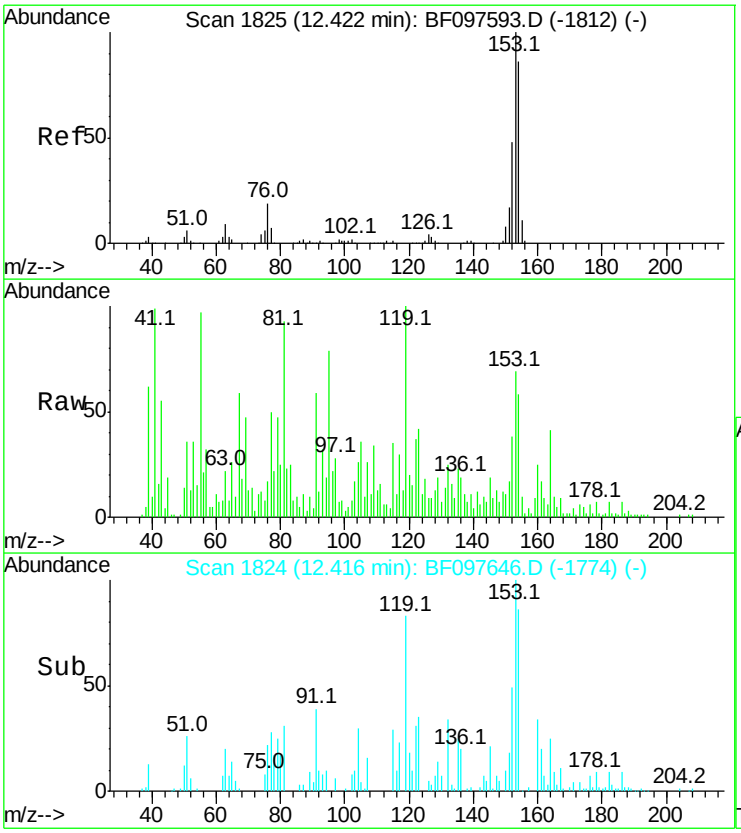
#44
2-Fluorobiphenyl
Concen: 95.161 ng
RT: 11.32 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Instrument :
BNA_F
ClientSampleId :
VE-3-1

Tgt Ion:172 Resp: 950956

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.4	19.8	29.8

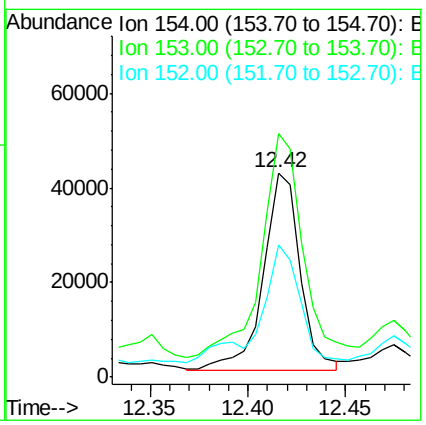


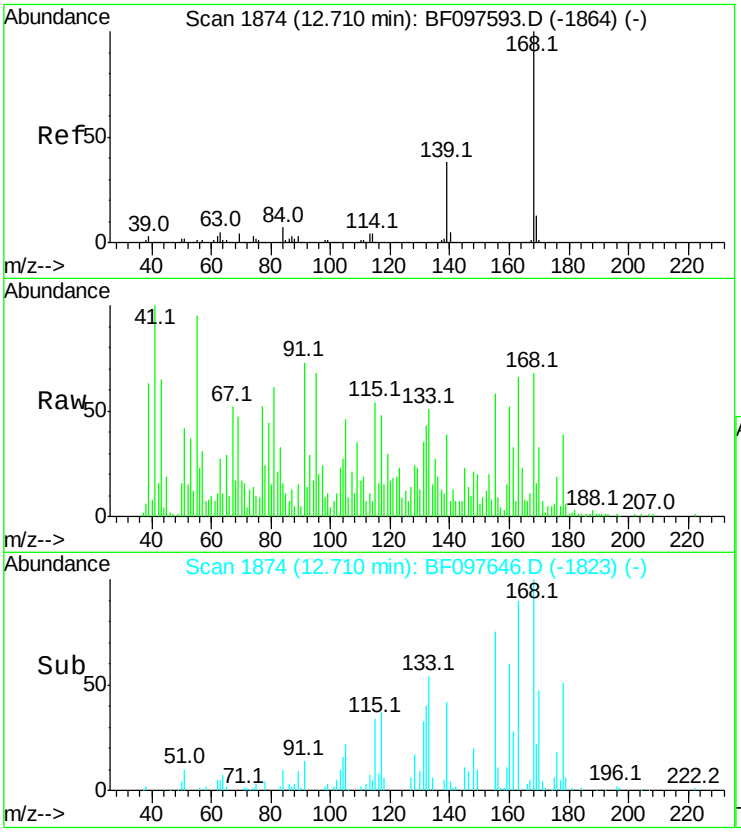


#51
Acenaphthene
Concen: 5.788 ng
RT: 12.42 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Tgt Ion:154 Resp: 54783

Ion	Ratio	Lower	Upper
154	100		
153	119.3	90.5	135.7
152	64.9	43.6	65.4



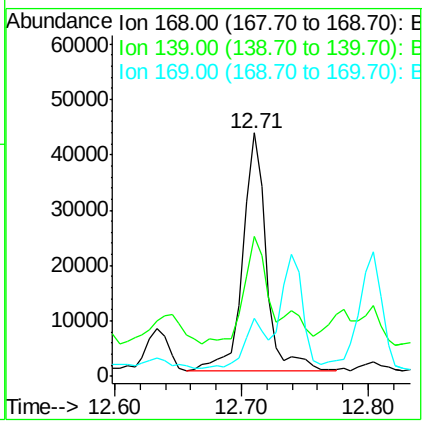


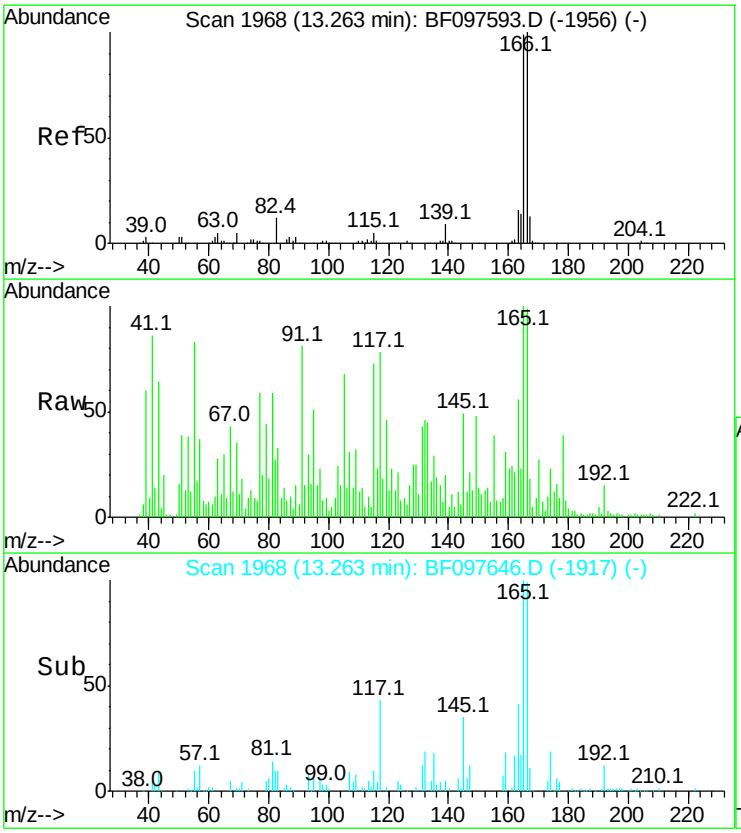
#54
Dibenzofuran
Concen: 4.208 ng
RT: 12.71 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Instrument :
BNA_F
ClientSampleId :
VE-3-1

Tgt Ion:168 Resp: 55755

Ion	Ratio	Lower	Upper
168	100		
139	57.6	30.6	45.8#
169	23.7	10.8	16.2#

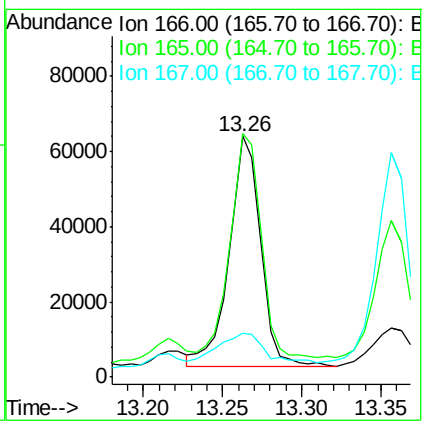


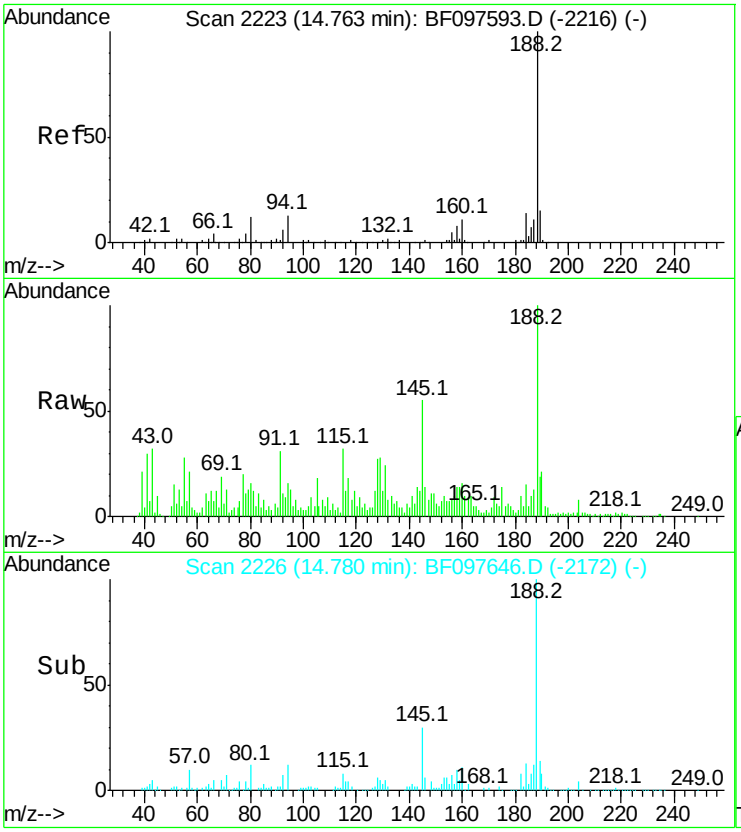


#57
Fluorene
Concen: 7.684 ng
RT: 13.26 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Tgt Ion:166 Resp: 83730

Ion	Ratio	Lower	Upper
166	100		
165	101.1	78.8	118.2
167	18.0	10.6	16.0#



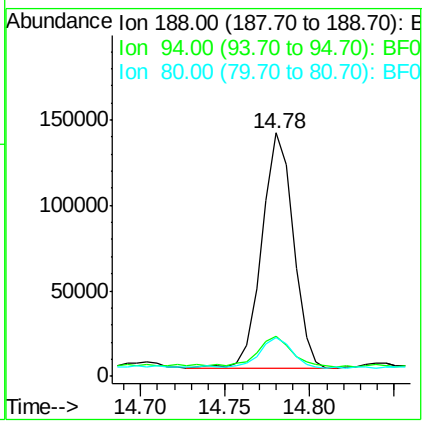


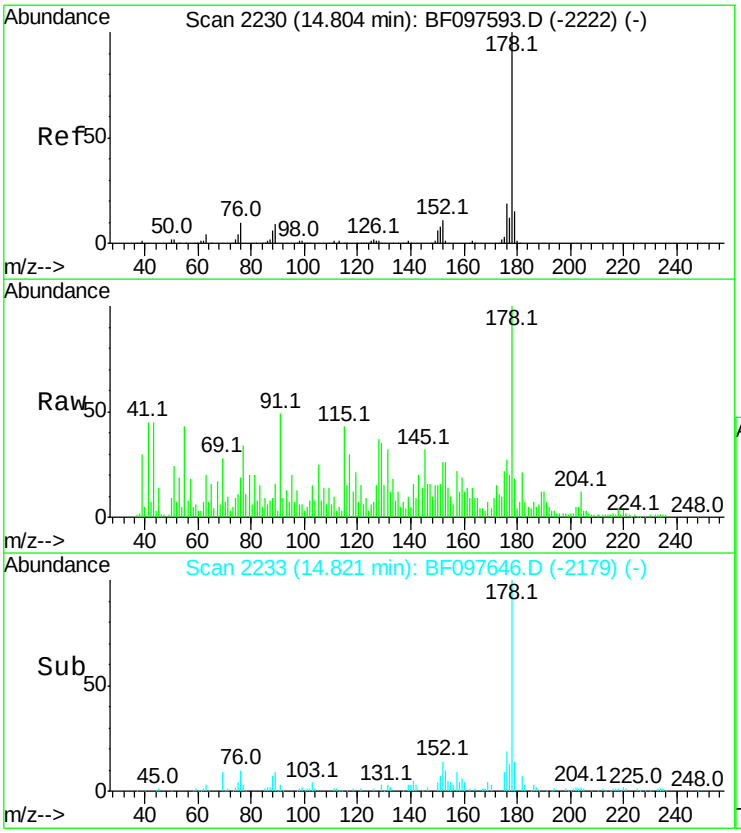
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 2226
Delta R.T. 0.02 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Instrument :
BNA_F
ClientSampleId :
VE-3-1

Tgt Ion:188 Resp: 178793

Ion	Ratio	Lower	Upper
188	100		
94	16.4	9.4	14.2#
80	15.8	10.2	15.2#

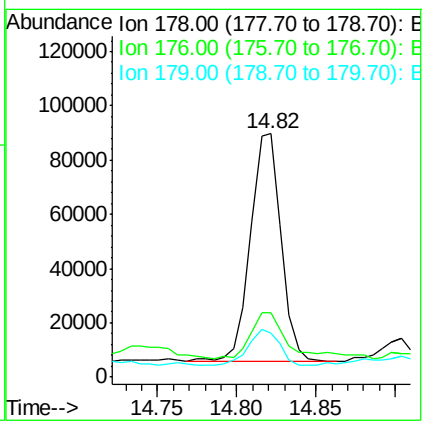


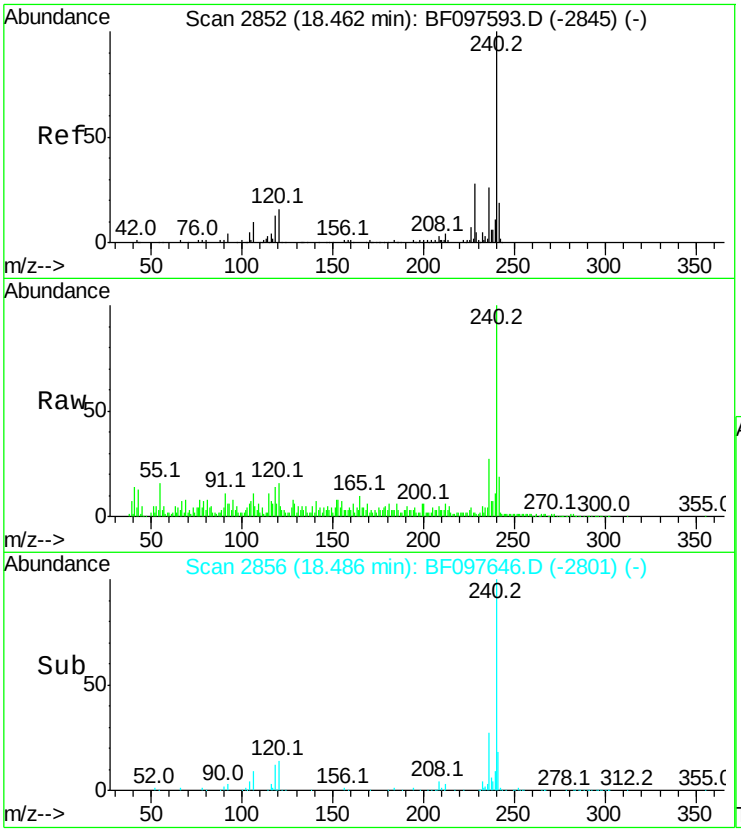


#70
Phenanthrene
Concen: 10.963 ng
RT: 14.82 min Scan# 2233
Delta R.T. 0.02 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Tgt Ion:178 Resp: 112895

Ion	Ratio	Lower	Upper
178	100		
176	26.6	16.2	24.4#
179	18.0	12.6	19.0



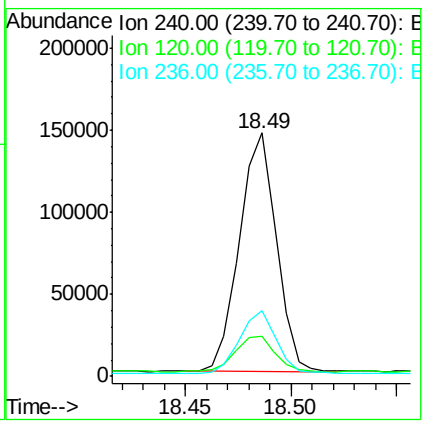


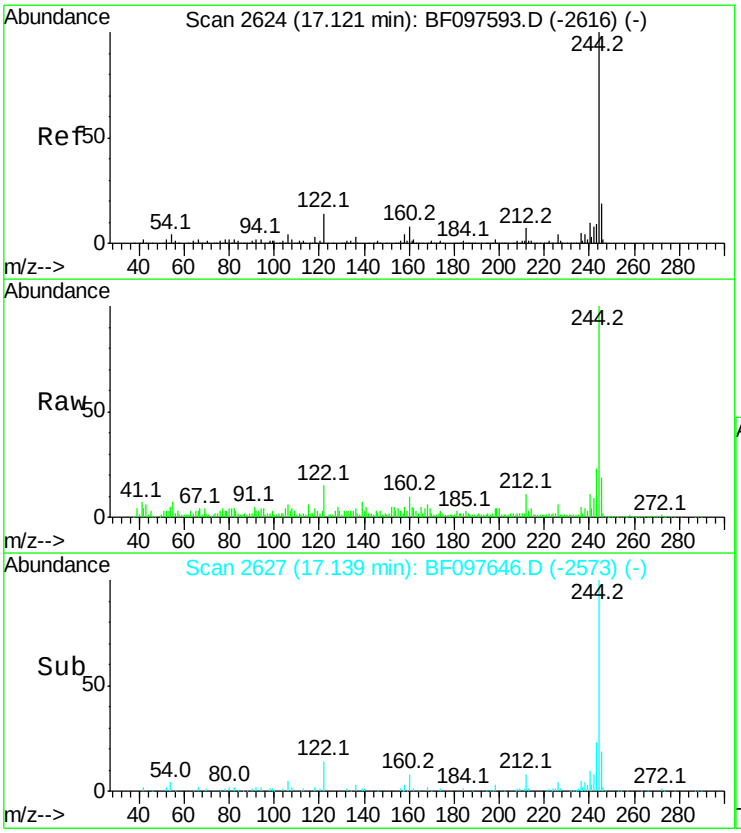
#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.49 min Scan# 2856
Delta R.T. 0.02 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Instrument :
BNA_F
ClientSampleId :
VE-3-1

Tgt Ion:240 Resp: 177074

Ion	Ratio	Lower	Upper
240	100		
120	16.5	5.8	8.8#
236	27.1	20.5	30.7

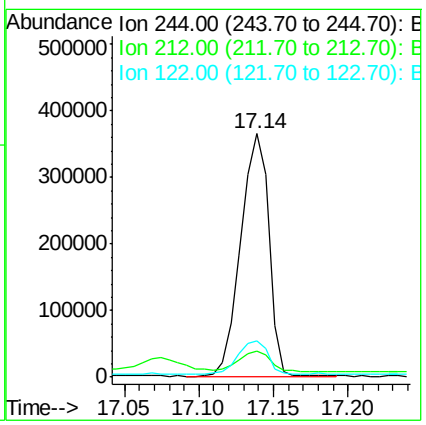


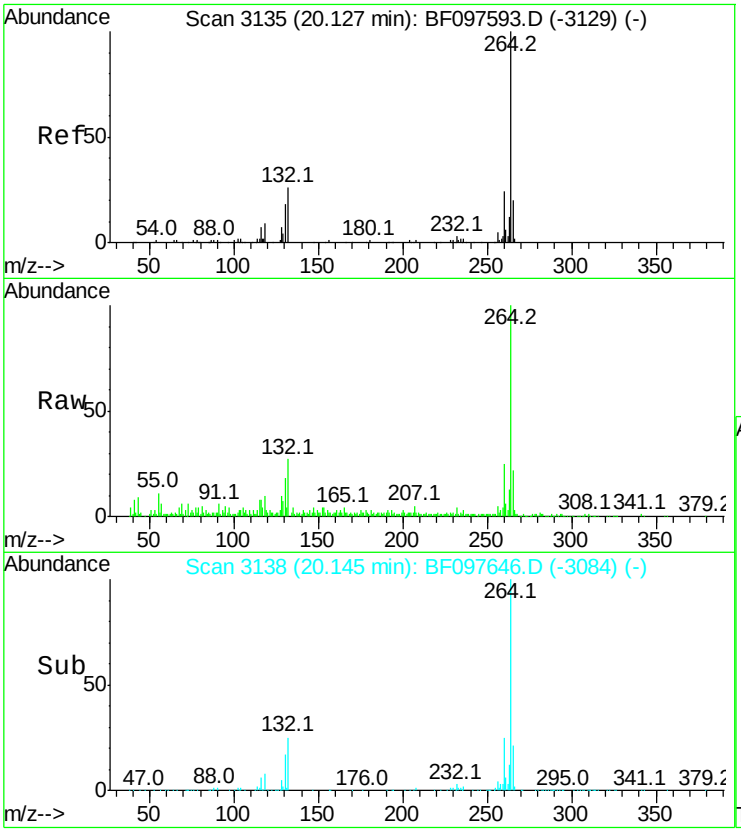


#78
Terphenyl-d14
Concen: 55.309 ng
RT: 17.14 min Scan# 2627
Delta R.T. 0.02 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Tgt Ion:244 Resp: 473206

Ion	Ratio	Lower	Upper
244	100		
212	10.6	6.0	9.0#
122	15.1	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 20.14 min Scan# 3138
Delta R.T. 0.02 min
Lab File: BF097646.D
Acq: 12 Aug 2017 21:27

Instrument :
BNA_F
ClientSampleId :
VE-3-1

Tgt Ion:264 Resp: 166235

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.5	29.3
265	21.7	17.2	25.8