Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
Data File : BF090417.D
Acq On : 6 Oct 2016 8:29
Operator : UM/SJ
Sample : H5018-01RE
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-71-092816RE

Quant Time: Oct 06 13:16:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	262073	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	1116464	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	570258	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	852202	20.00	ng		-0.01
75) Chrysene-d12	14.19	240	691153	20.00	ng		-0.01
86) Perylene-d12	15.69	264	434778	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	2246061	127.91	ng		0.02
7) Phenol-d6	6.62	99	2533118	110.14	ng		0.00
23) Nitrobenzene-d5	7.56	82	1813235	79.00	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	657642	141.83	ng		-0.01
44) 2-Fluorobiphenyl	9.37	172	2842123	83.04	ng		-0.01
78) Terphenyl-d14	13.14	244	3037437	98.80	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.30	128	228955	4.25	ng		97
49) Dimethylphthalate	9.75	163	202201	5.54	ng	#	98

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

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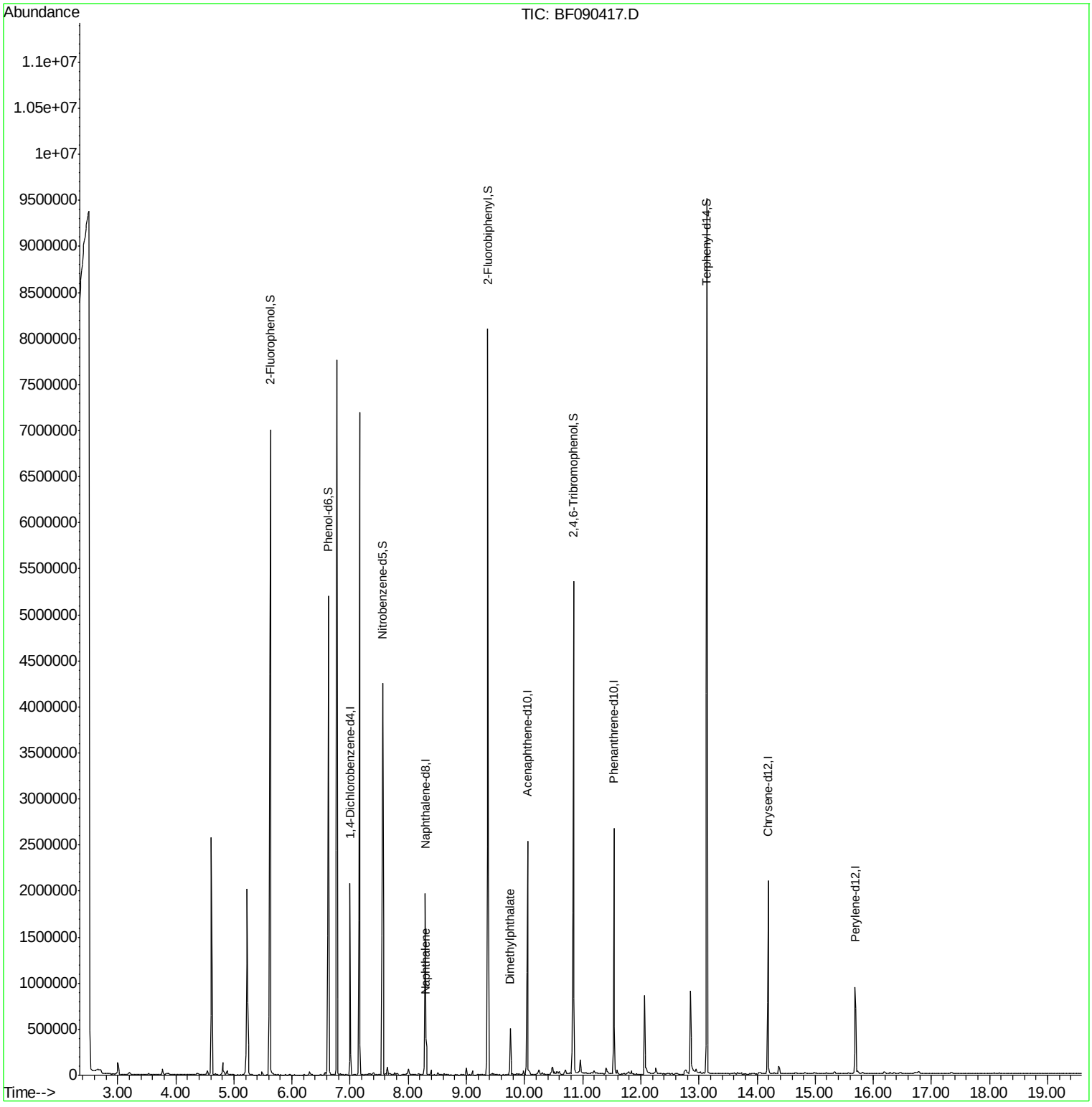
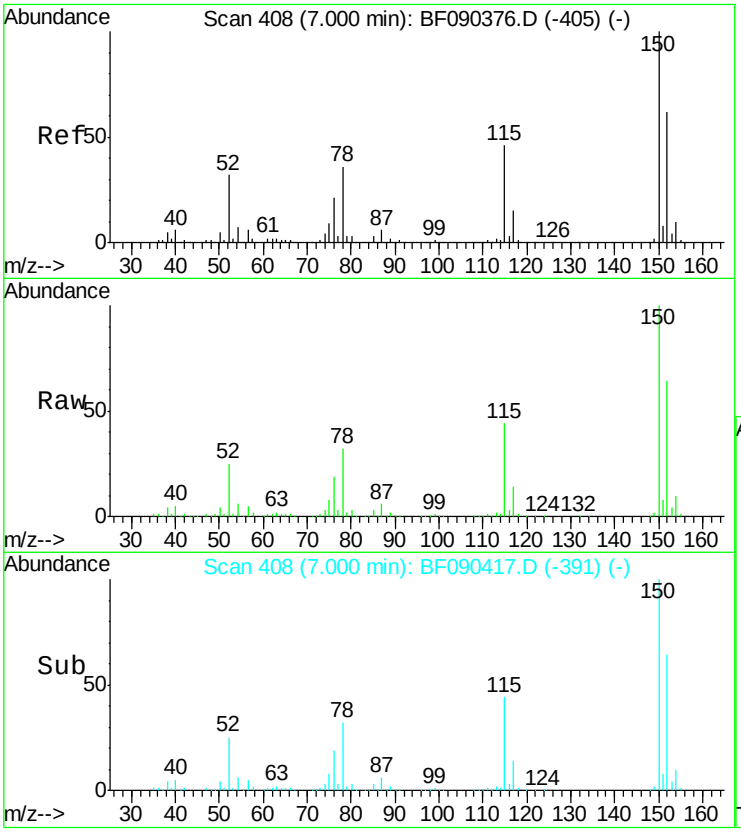


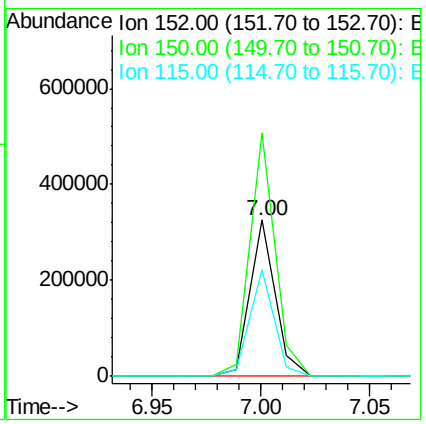


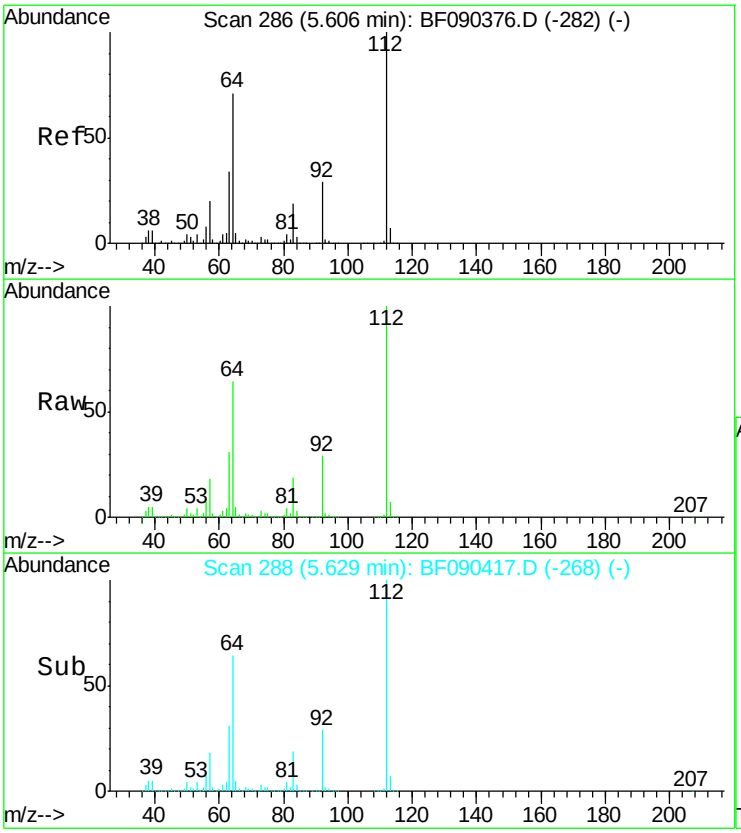
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF090417.D
Acq: 6 Oct 2016 8:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-71-092816RE

Tgt Ion:152 Resp: 262073

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	68.4	46.2	69.4

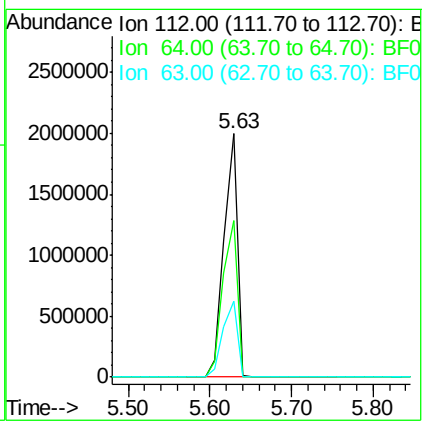


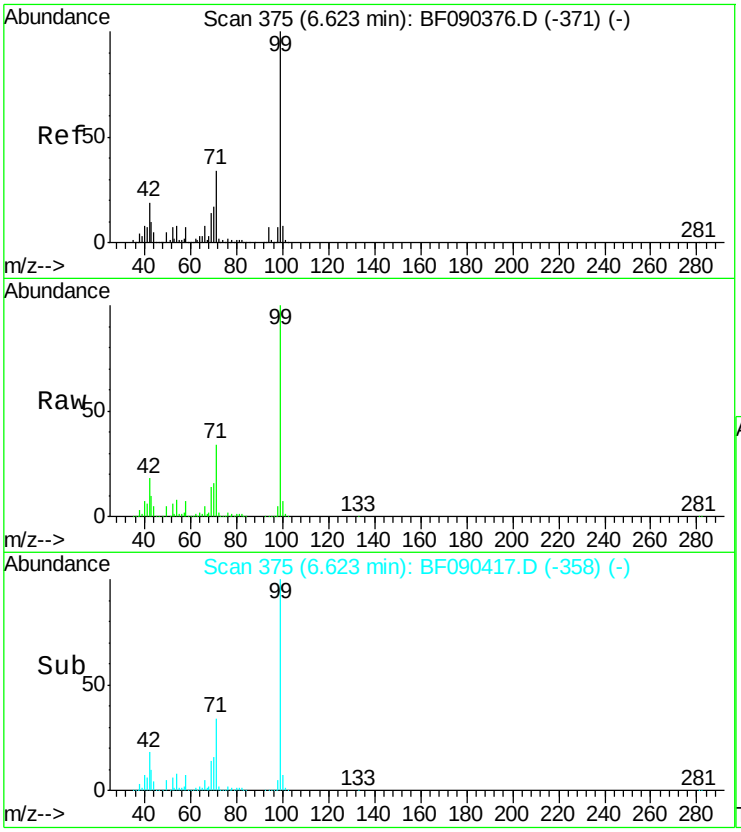


#5
2-Fluorophenol
Concen: 127.91 ng
RT: 5.63 min Scan# 288
Delta R.T. 0.02 min
Lab File: BF090417.D
Acq: 6 Oct 2016 8:29

Tgt Ion:112 Resp: 2246061

Ion	Ratio	Lower	Upper
112	100		
64	64.1	57.9	86.9
63	31.3	29.6	44.4



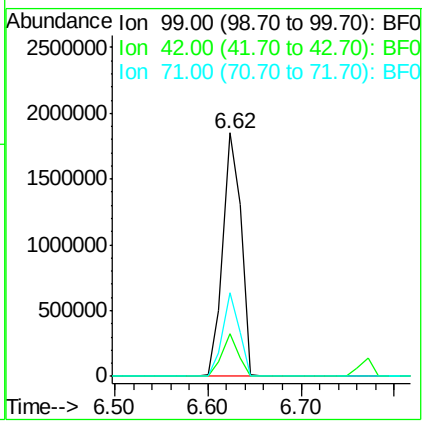


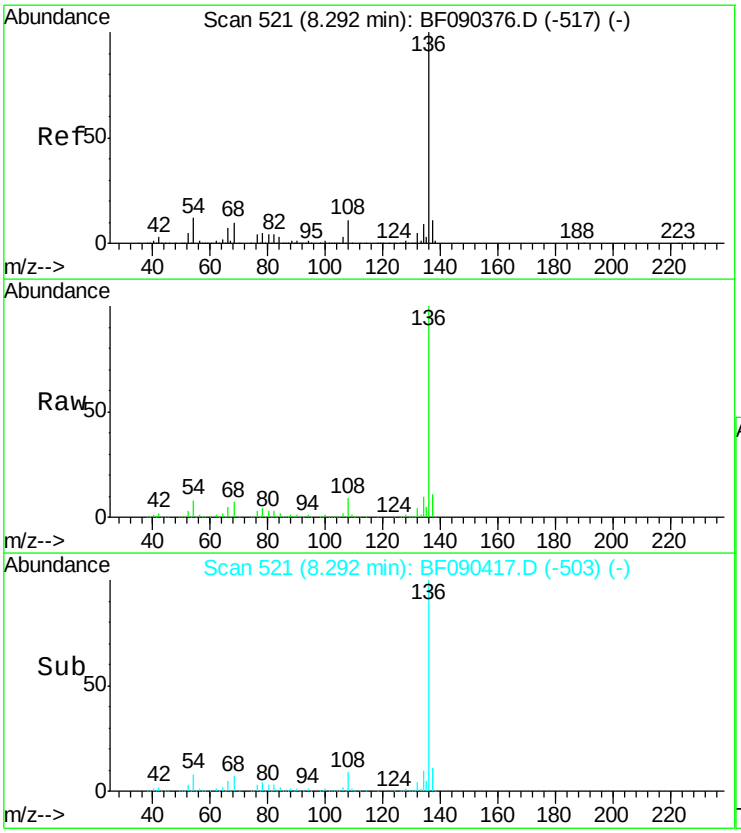
#7
Phenol-d6
Concen: 110.14 ng
RT: 6.62 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF090417.D
Acq: 6 Oct 2016 8:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-71-092816RE

Tgt Ion: 99 Resp: 2533118

Ion	Ratio	Lower	Upper
99	100		
42	17.8	20.0	30.0#
71	34.4	27.9	41.9

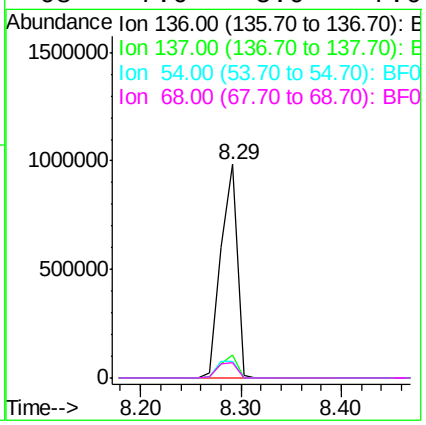


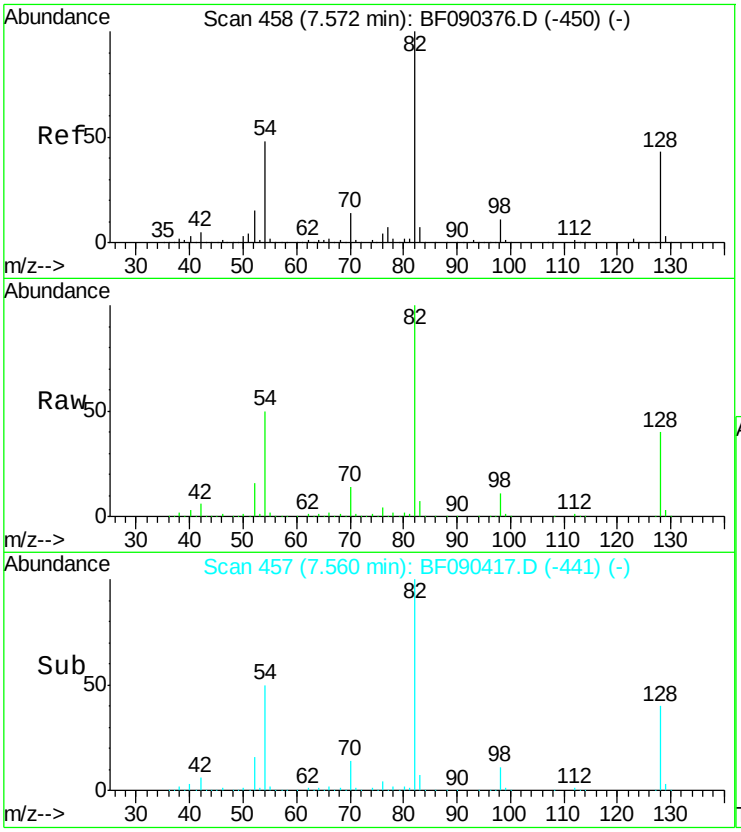


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.29 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF090417.D
Acq: 6 Oct 2016 8:29

Tgt Ion:136 Resp: 1116464

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.9	6.6	10.0
68	7.0	5.0	7.6



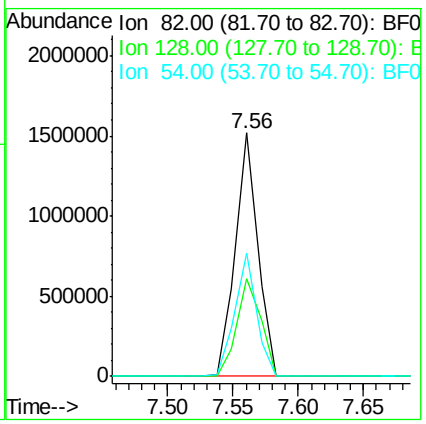


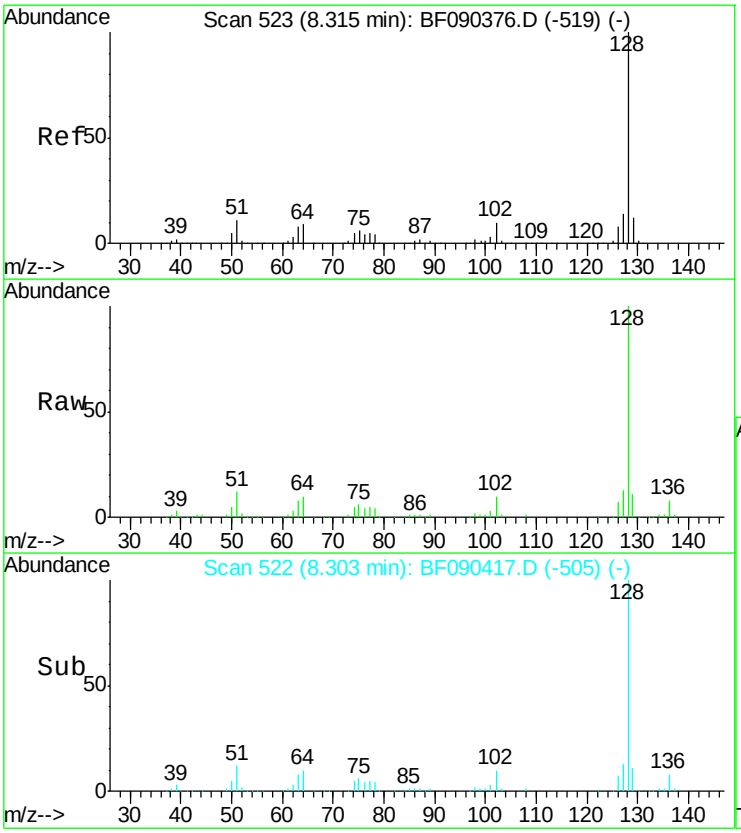
#23
Nitrobenzene-d5
Concen: 79.00 ng
RT: 7.56 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090417.D
Acq: 6 Oct 2016 8:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-71-092816RE

Tgt Ion: 82 Resp: 1813235

Ion	Ratio	Lower	Upper
82	100		
128	40.1	40.0	60.0
54	50.5	42.6	64.0

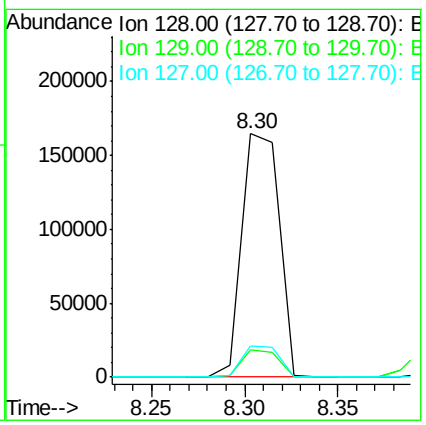


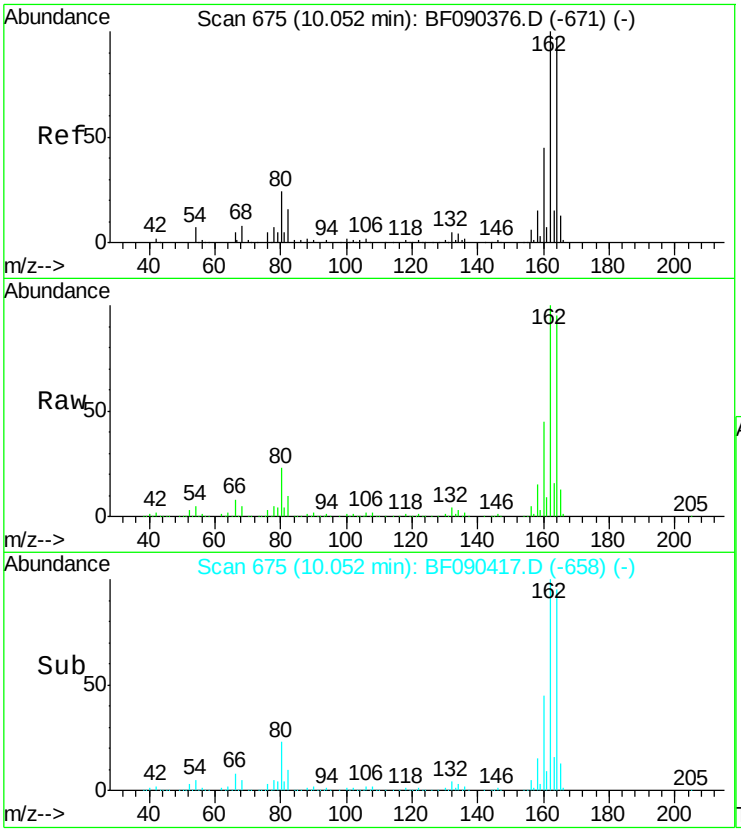


#31
Naphthalene
Concen: 4.25 ng
RT: 8.30 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090417.D
Acq: 6 Oct 2016 8:29

Tgt Ion:128 Resp: 228955

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.7	14.5
127	12.9	11.7	17.5



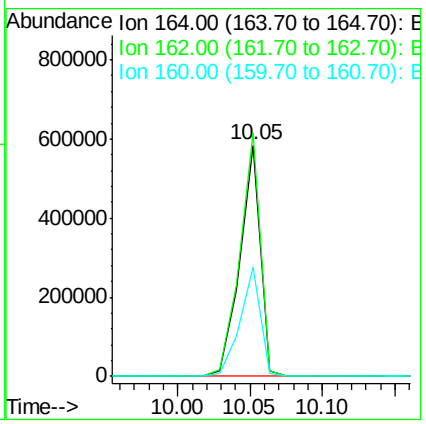


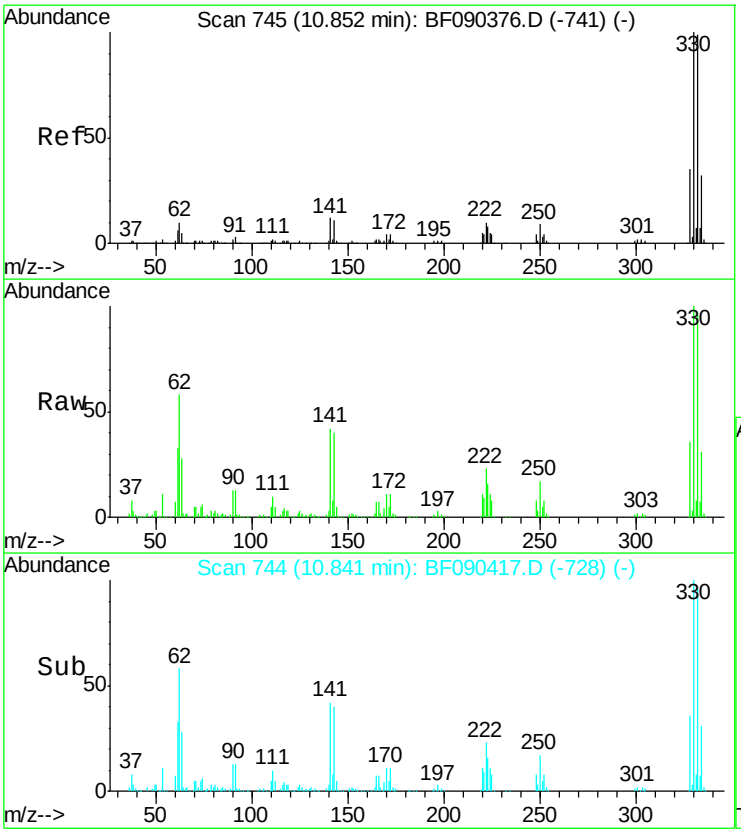
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090417.D
Acq: 6 Oct 2016 8:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-71-092816RE

Tgt Ion:164 Resp: 570258

Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.1	120.1
160	47.1	36.3	54.5

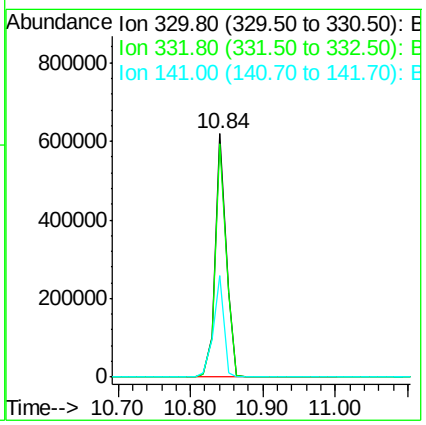


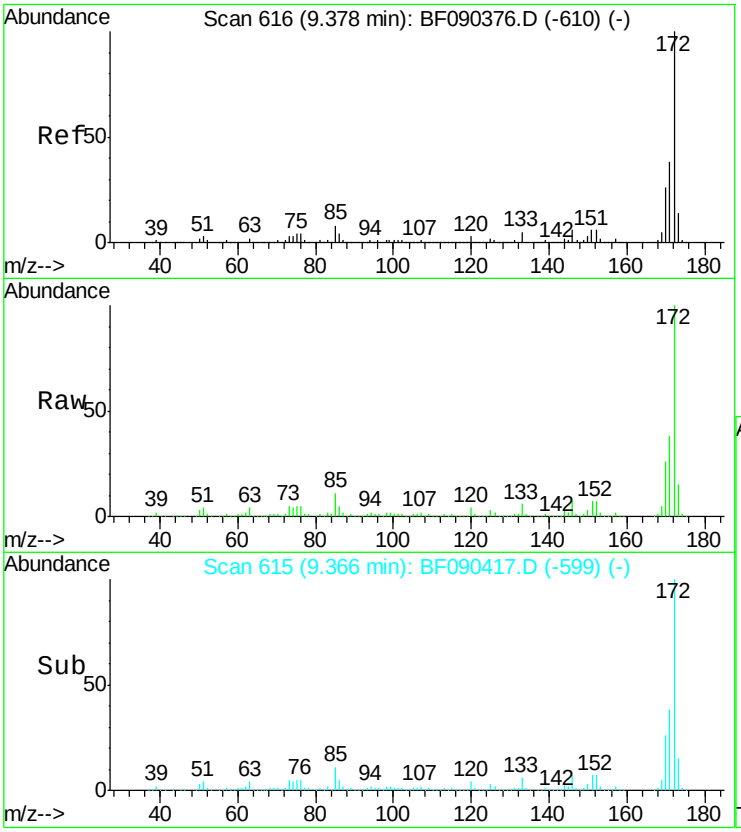


#41
2,4,6-Tribromophenol
Concen: 141.83 ng
RT: 10.84 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF090417.D
Acq: 6 Oct 2016 8:29

Tgt Ion:330 Resp: 657642

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.4	113.0
141	40.0	26.9	40.3



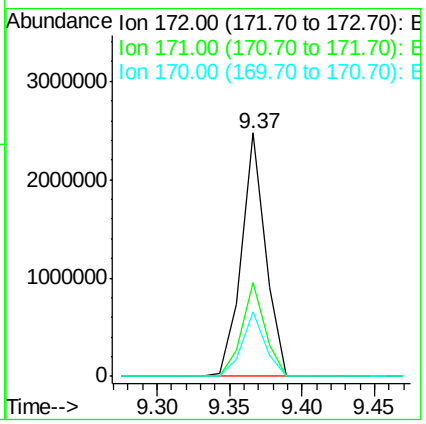


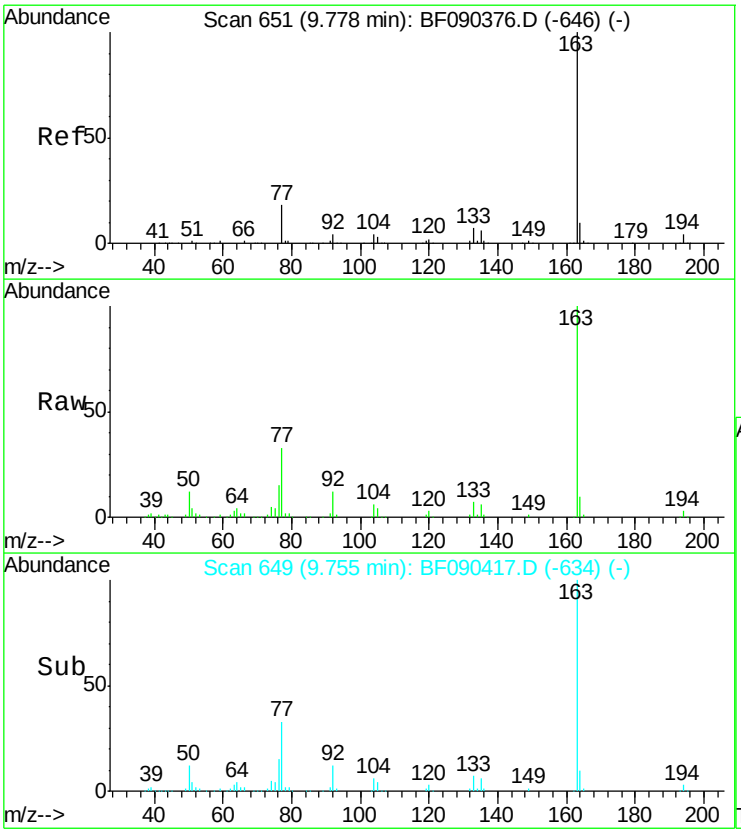
#44
2-Fluorobiphenyl
Concen: 83.04 ng
RT: 9.37 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF090417.D
Acq: 6 Oct 2016 8:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-71-092816RE

Tgt Ion:172 Resp: 2842123

Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.8	47.8
170	26.3	21.7	32.5

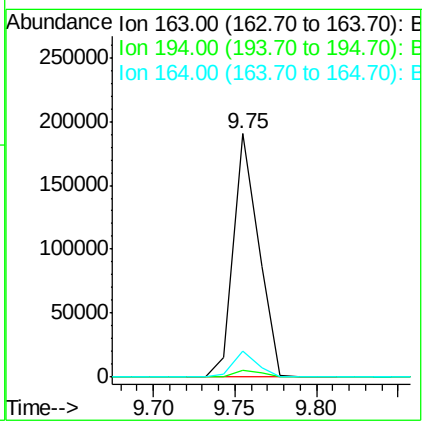


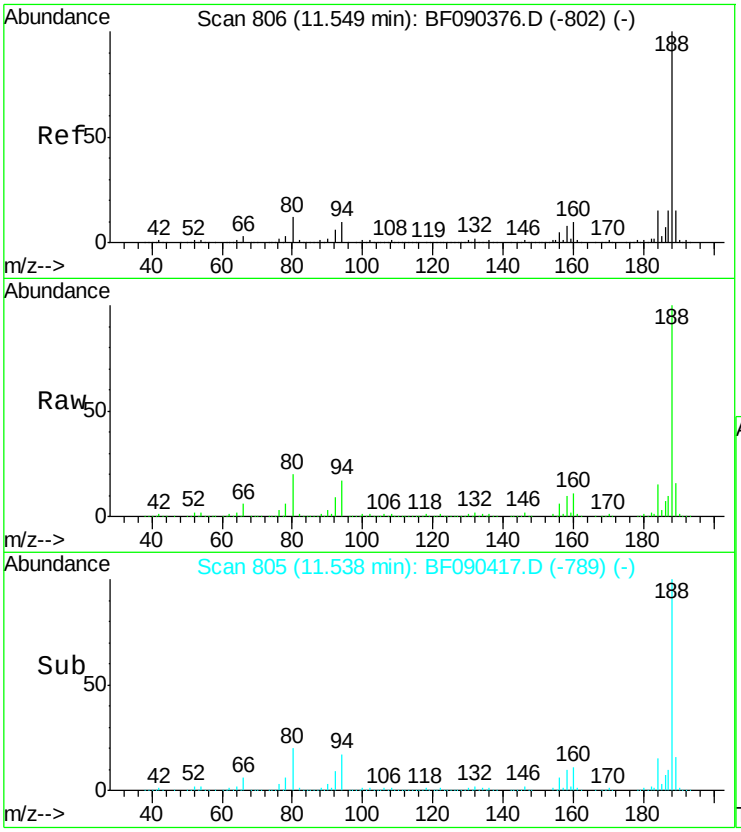


#49
Dimethylphthalate
Concen: 5.54 ng
RT: 9.75 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF090417.D
Acq: 6 Oct 2016 8:29

Tgt Ion:163 Resp: 202201

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.8	4.2#
164	10.4	9.0	13.4



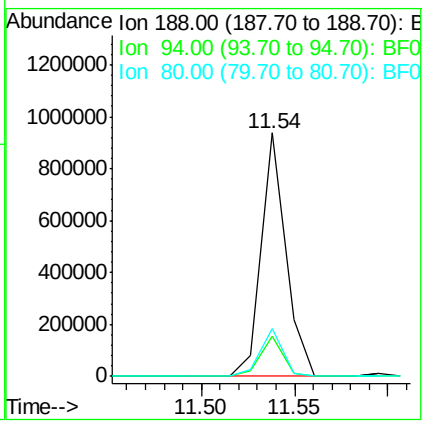


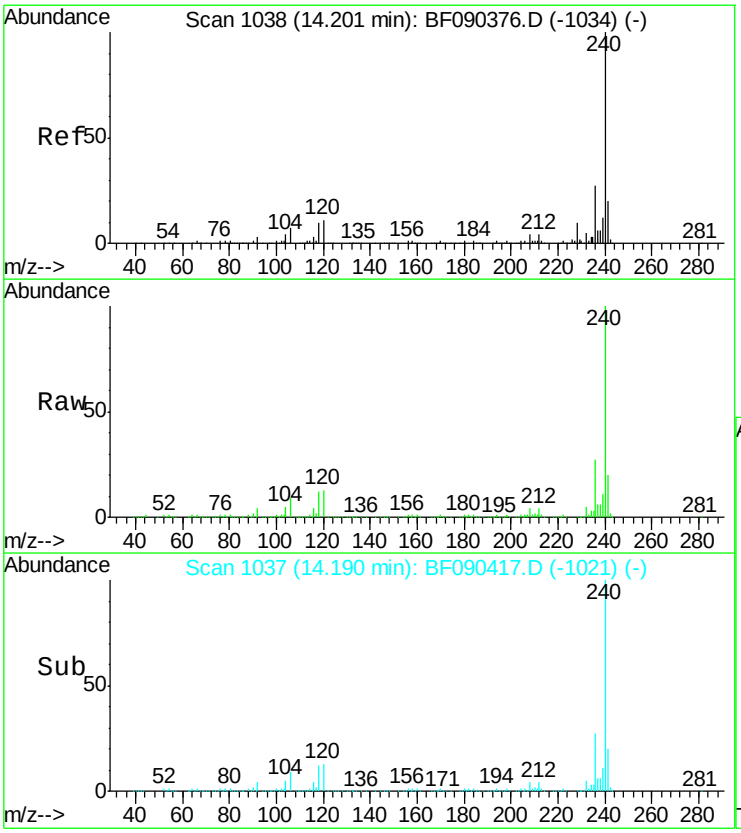
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090417.D
Acq: 6 Oct 2016 8:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-71-092816RE

Tgt Ion:188 Resp: 852202

Ion	Ratio	Lower	Upper
188	100		
94	16.5	8.2	12.2#
80	19.6	8.8	13.2#

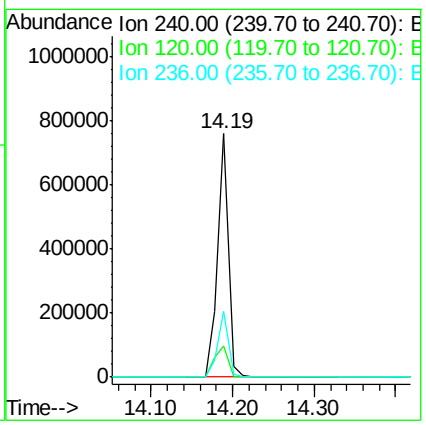


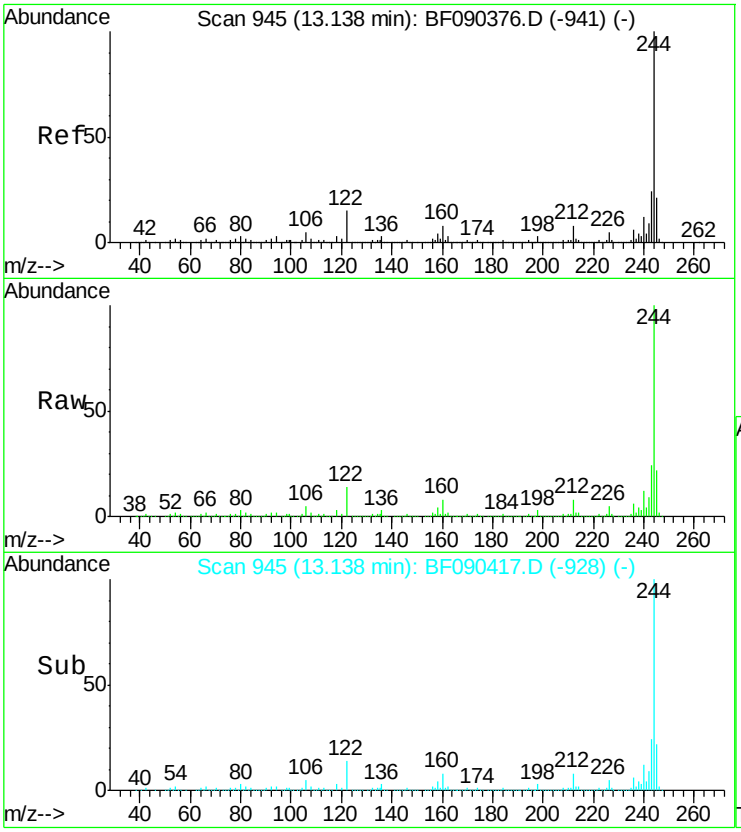


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF090417.D
Acq: 6 Oct 2016 8:29

Tgt Ion:240 Resp: 691153

Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.6	13.0#
236	27.1	21.6	32.4



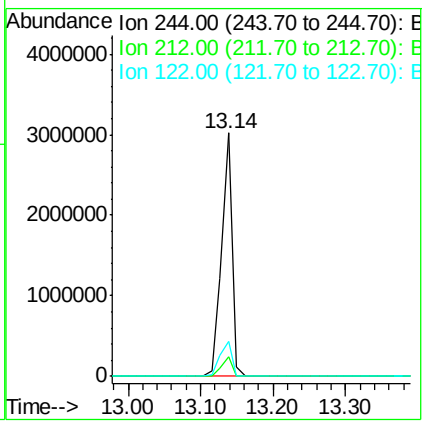


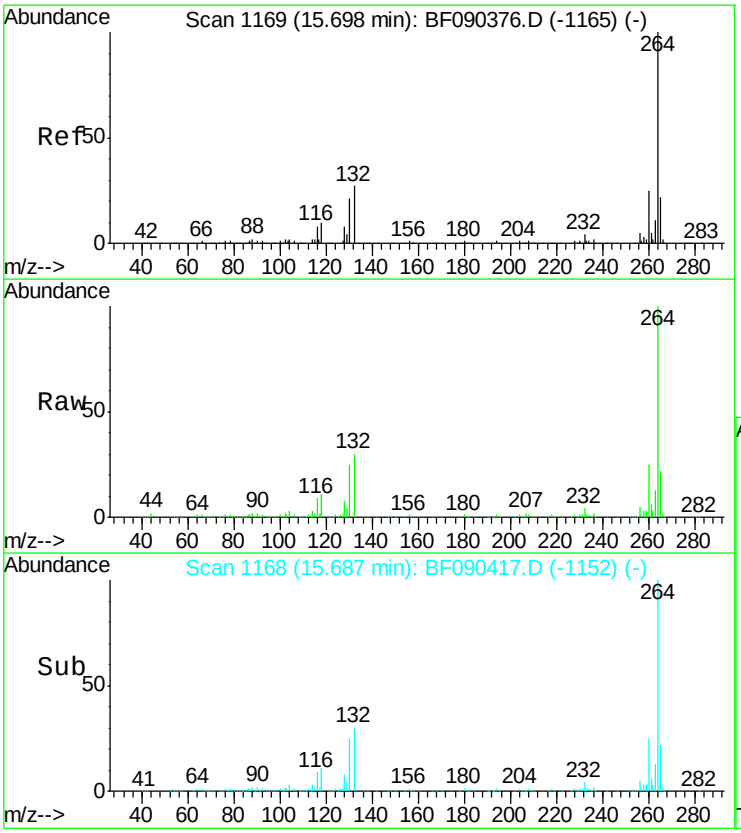
#78
Terphenyl-d14
Concen: 98.80 ng
RT: 13.14 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF090417.D
Acq: 6 Oct 2016 8:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-71-092816RE

Tgt Ion:244 Resp: 3037437

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.8	10.2
122	14.4	13.3	19.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.69 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF090417.D
Acq: 6 Oct 2016 8:29

Tgt Ion:264 Resp: 434778

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.3	28.9
265	22.1	17.4	26.0