Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053017\
Data File : BF095551.D
Acq On : 30 May 2017 23:37
Operator : SJ/MA
Sample : I3302-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM15-COMP-0-6

Manual Integrations APPROVED
mohammad
5/31/2017 5:03:03 PM

Quant Time: May 31 04:52:05 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	92586	20.00	ng		0.00
21) Naphthalene-d8	9.77	136	346779	20.00	ng		0.00
38) Acenaphthene-d10	12.60	164	134092	20.00	ng		0.00
63) Phenanthrene-d10	15.01	188	200483	20.00	ng		0.00
75) Chrysene-d12	18.67	240	206238	20.00	ng		0.00
86) Perylene-d12	20.35	264	125218	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	508178	91.51	ng		0.00
7) Phenol-d6	7.30	99	599677	90.00	ng		0.00
23) Nitrobenzene-d5	8.65	82	307800	55.97	ng		0.00
41) 2,4,6-Tribromophenol	13.91	330	81540	74.25	ng		0.00
44) 2-Fluorobiphenyl	11.54	172	534192	57.34	ng		0.00
78) Terphenyl-d14	17.31	244	324192	34.62	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	12.24	163	84864	7.71	ng		98
70) Phenanthrene	15.04	178	33980	2.95	ng		98
74) Fluoranthene	16.79	202	90170	7.63	ng		98
77) Pyrene	17.09	202	87317	5.66	ng		98
80) Benzo(a)anthracene	18.66	228	39404m	3.28	ng		
82) Chrysene	18.71	228	43878	3.78	ng		97
87) Benzo(b)fluoranthene	19.95	252	37929m	4.90	ng		
88) Benzo(k)fluoranthene	19.98	252	18683m	2.50	ng		
89) Benzo(a)pyrene	20.30	252	25814	3.62	ng	#	88
91) Benzo(g,h,i)perylene	22.10	276	15783	2.73	ng	#	88

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

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Instrument :
BNA_F
ClientSampleId :
NM15-COMP-0-6

Manual Integrations APPROVED
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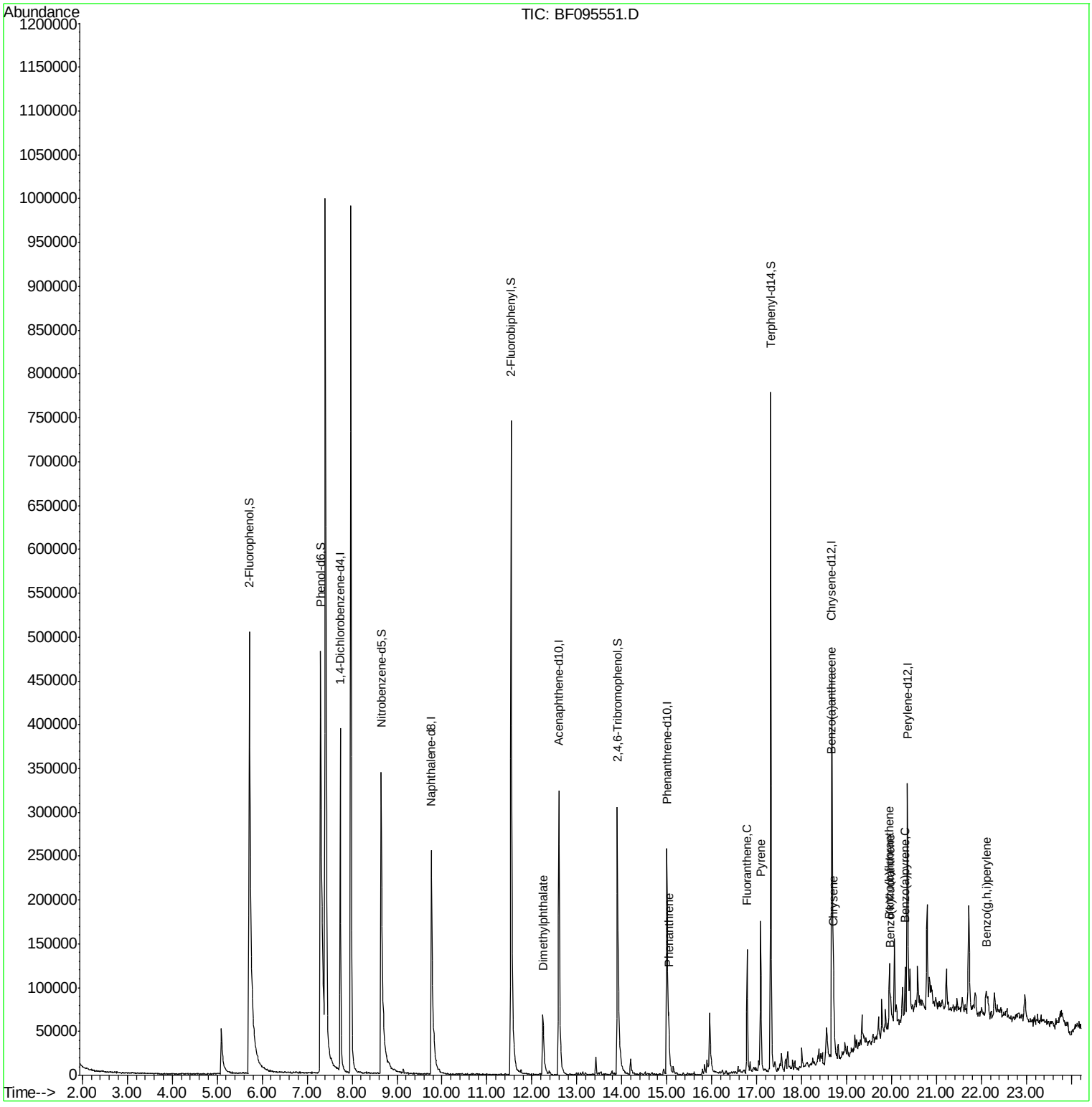
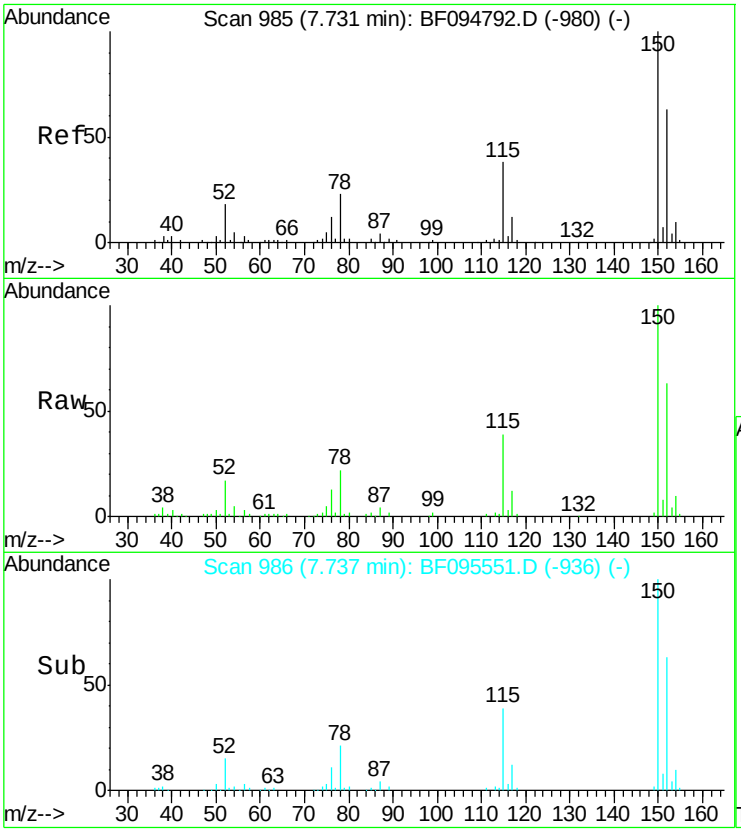
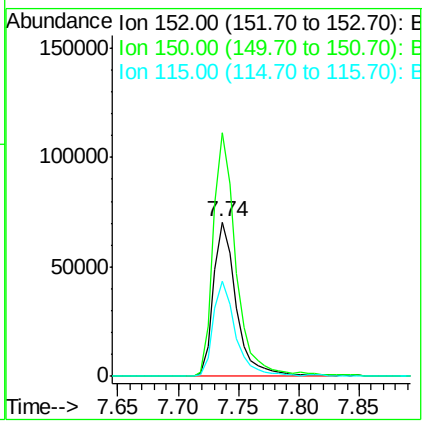




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

Tgt Ion:152 Resp: 92586

Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	61.7	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
NM15-COMP-0-6

Manual Integrations APPROVED
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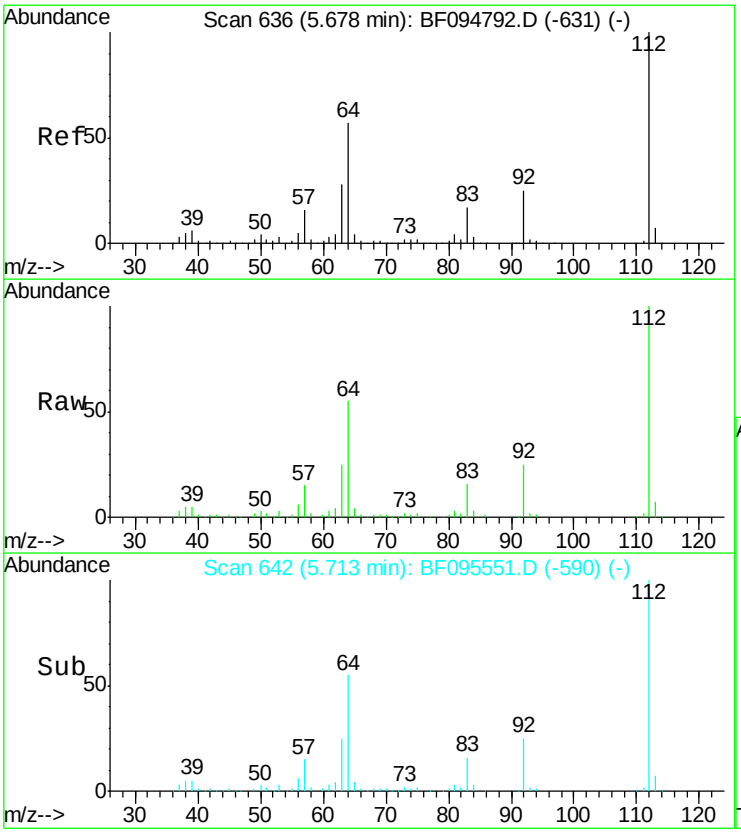
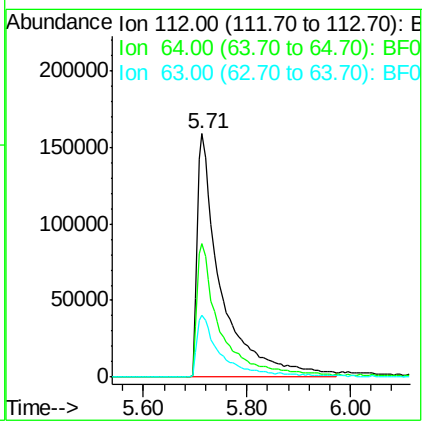
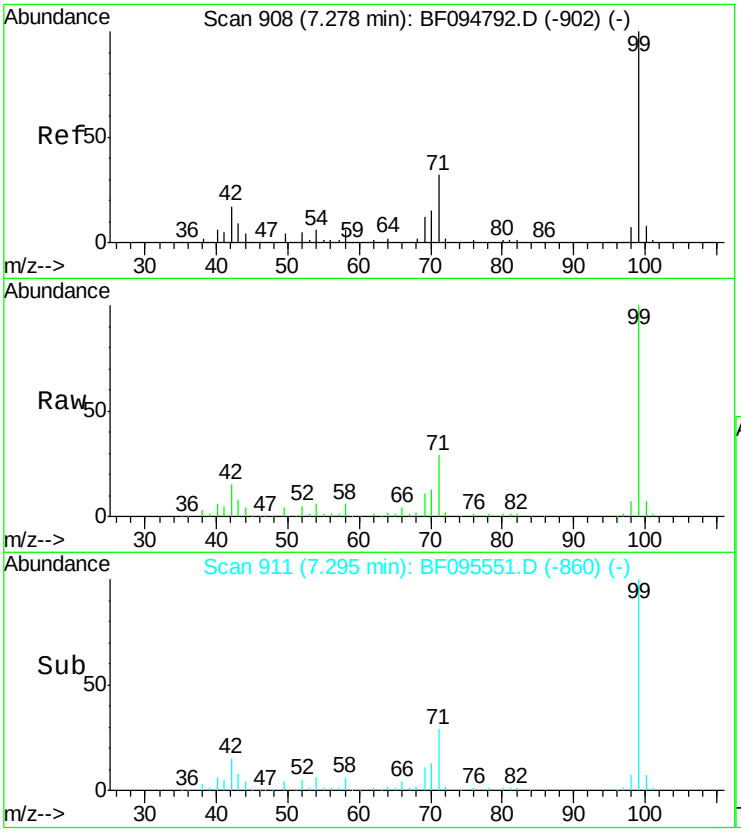


#5
2-Fluorophenol
Concen: 91.51 ng
RT: 5.71 min Scan# 642
Delta R.T. 0.01 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

Tgt Ion:112 Resp: 508178

Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.0	69.0
63	25.4	23.4	35.0

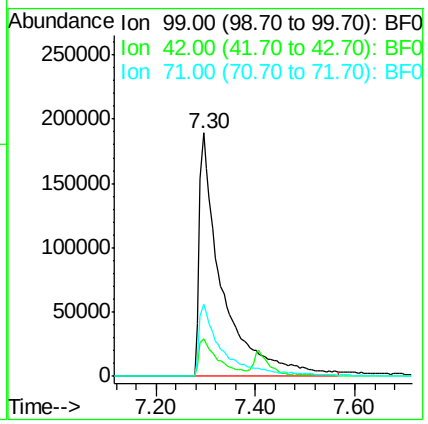




#7
Phenol-d6
Concen: 90.00 ng
RT: 7.30 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

Tgt Ion: 99 Resp: 599677

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	29.5	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
NM15-COMP-0-6

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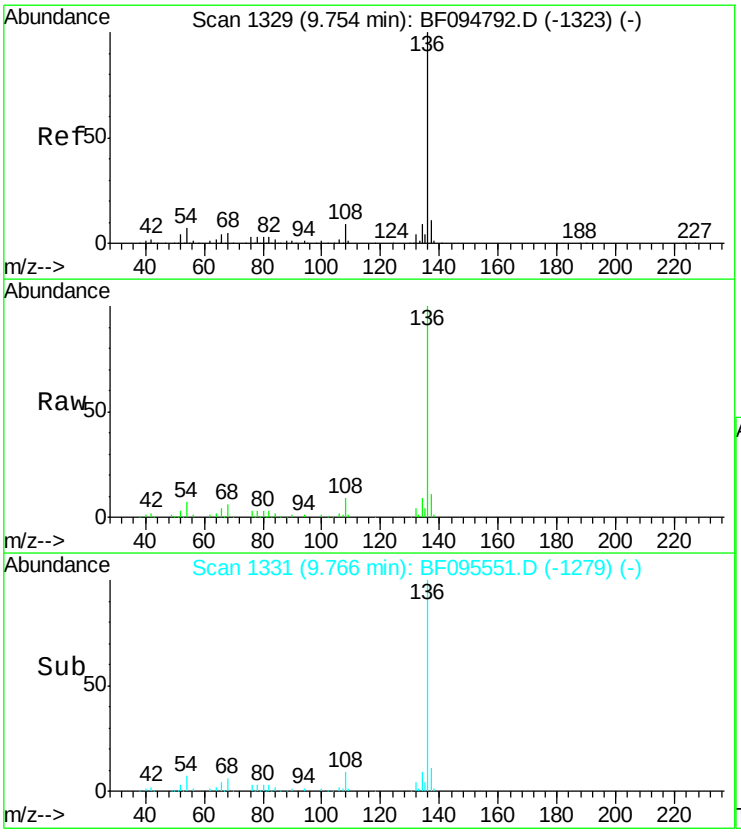
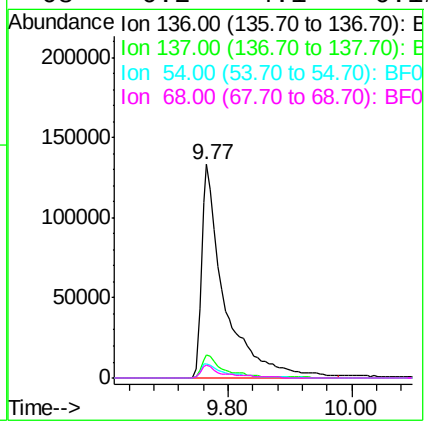
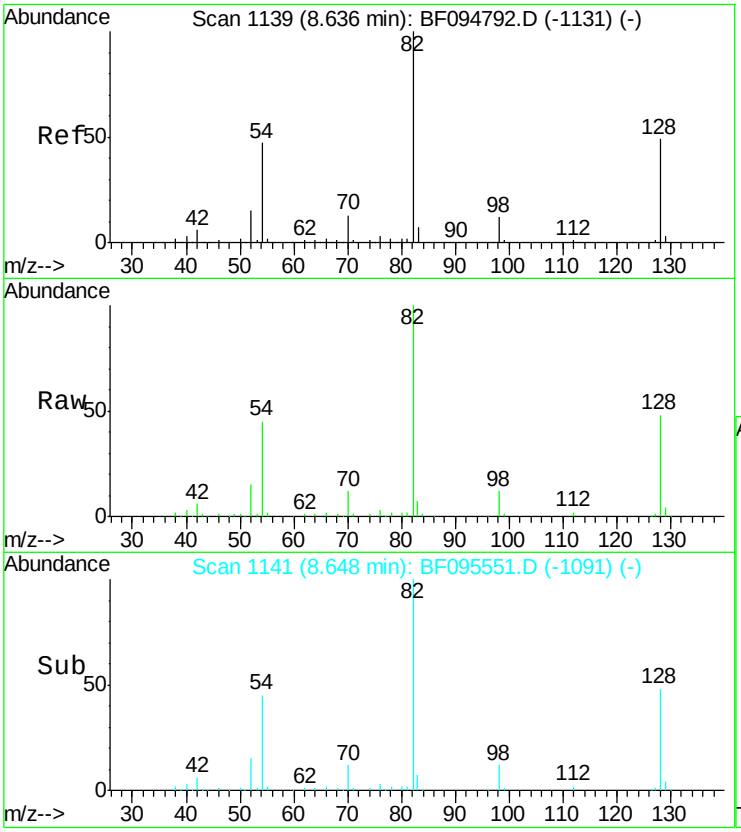


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

Tgt Ion:136 Resp: 346779

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.6	4.9	7.3
68	6.2	4.1	6.1#

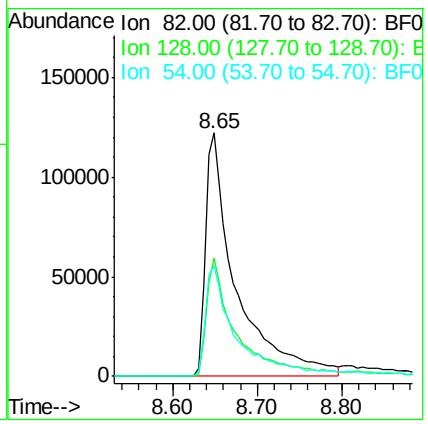




#23
Nitrobenzene-d5
Concen: 55.97 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

Tgt Ion: 82 Resp: 307800

Ion	Ratio	Lower	Upper
82	100		
128	48.4	34.0	51.0
54	45.1	42.2	63.2



Instrument :
BNA_F
ClientSampleId :
NM15-COMP-0-6

Manual Integrations APPROVED
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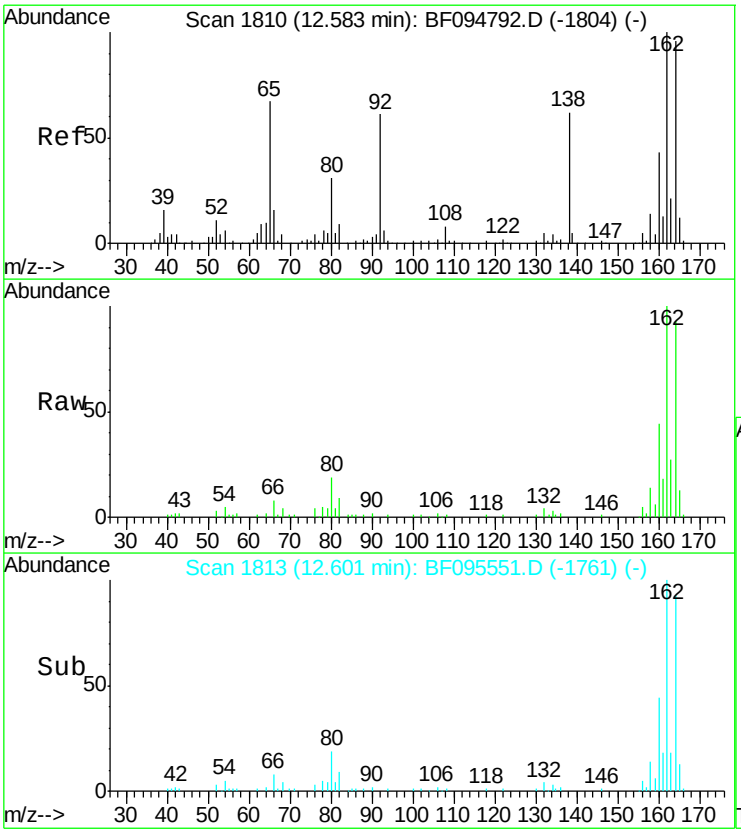
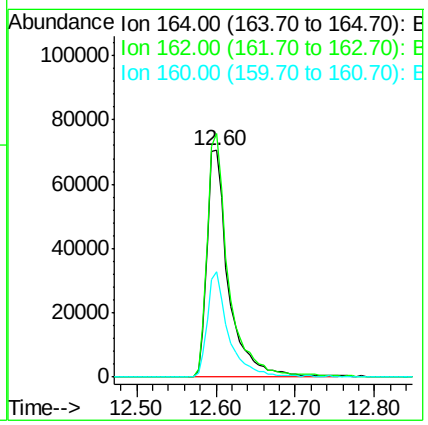
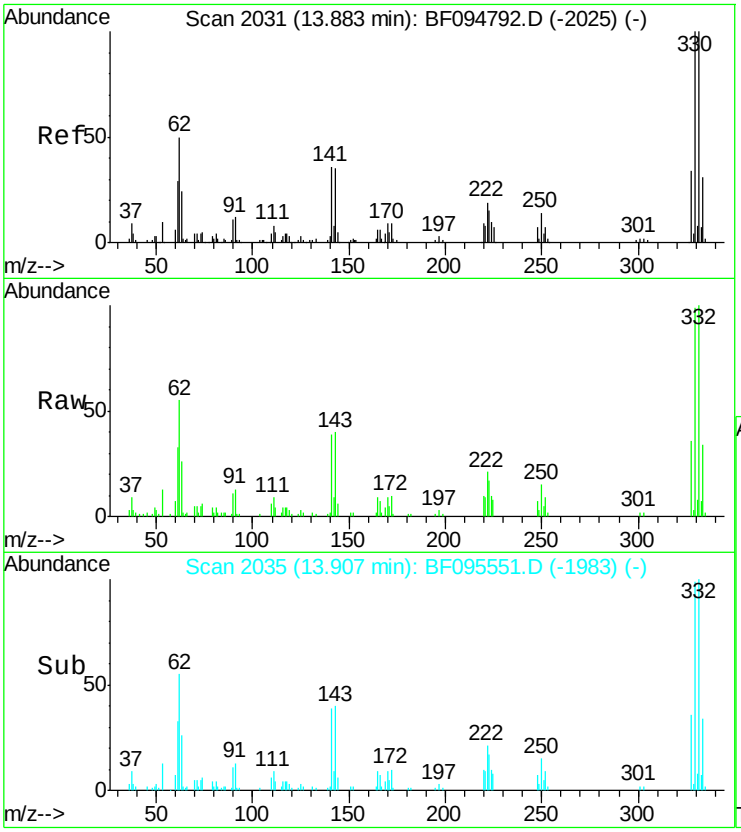


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

Tgt Ion:164 Resp: 134092

Ion	Ratio	Lower	Upper
164	100		
162	107.4	82.6	123.8
160	46.7	36.2	54.2

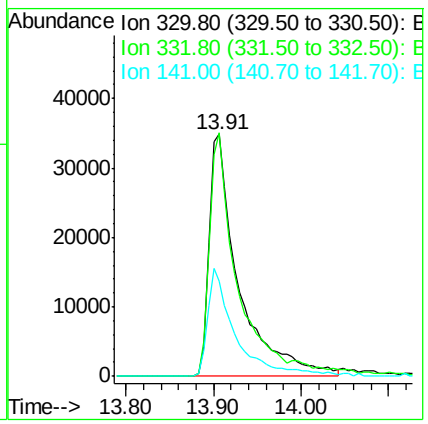




#41
2,4,6-Tribromophenol
Concen: 74.25 ng
RT: 13.91 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

Tgt Ion:330 Resp: 81540

Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.6	115.0
141	41.2	31.4	47.2



Instrument :
BNA_F
ClientSampleId :
NM15-COMP-0-6

Manual Integrations APPROVED
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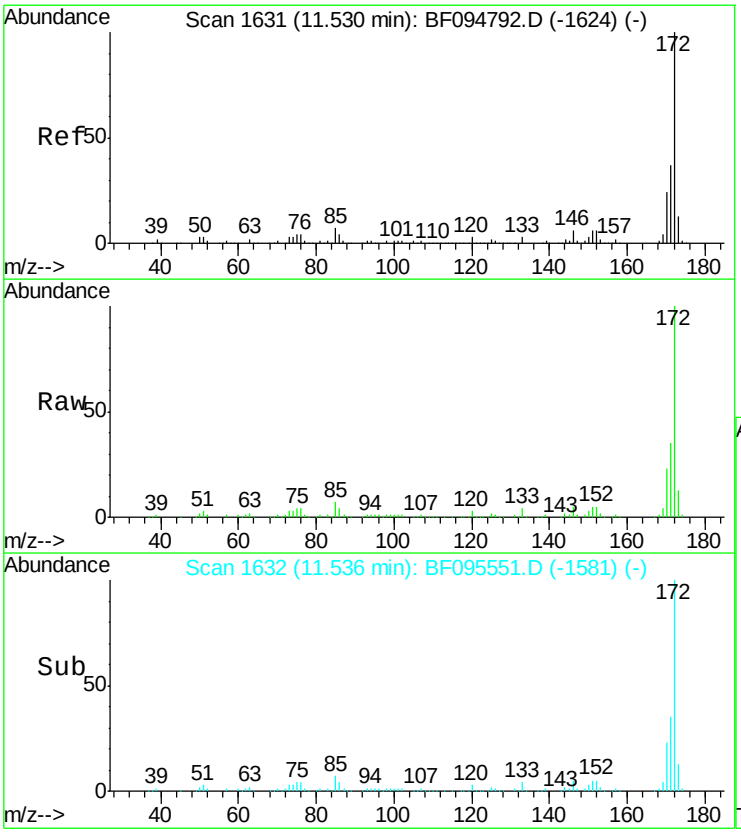
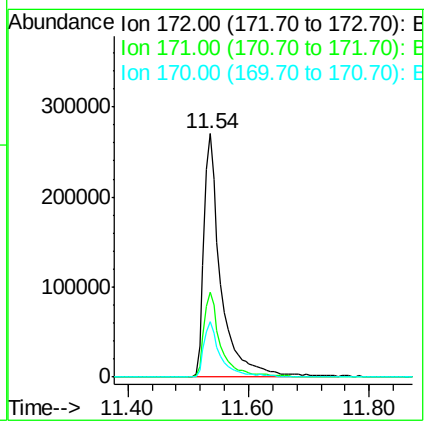
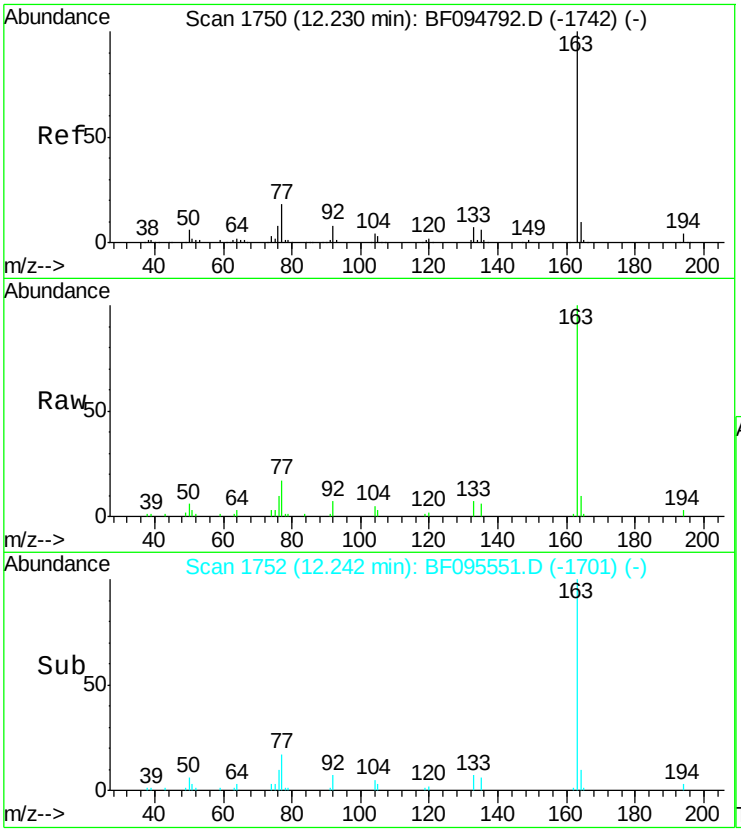


#44
2-Fluorobiphenyl
Concen: 57.34 ng
RT: 11.54 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

Tgt Ion:172 Resp: 534192

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	22.9	19.8	29.8

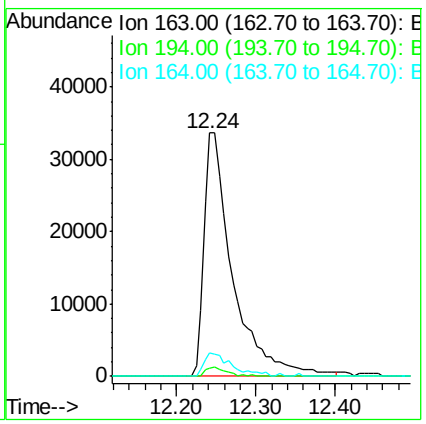




#49
Dimethylphthalate
Concen: 7.71 ng
RT: 12.24 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

Tgt Ion:163 Resp: 84864

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.6	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
NM15-COMP-0-6

Manual Integrations APPROVED
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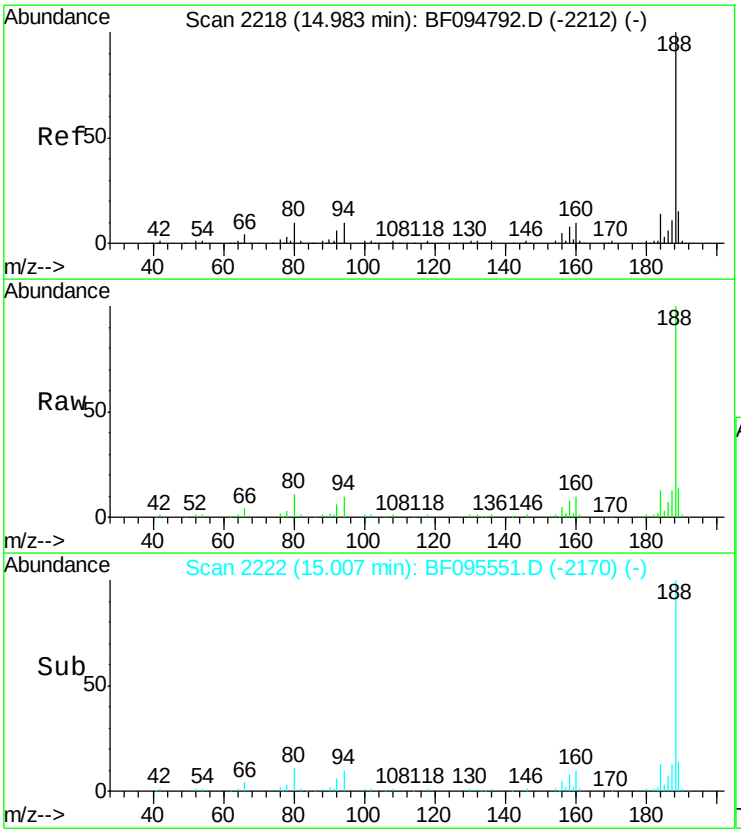
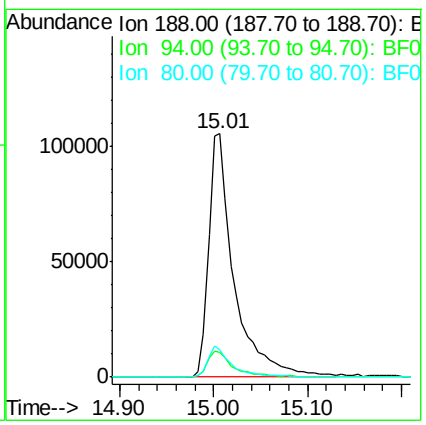
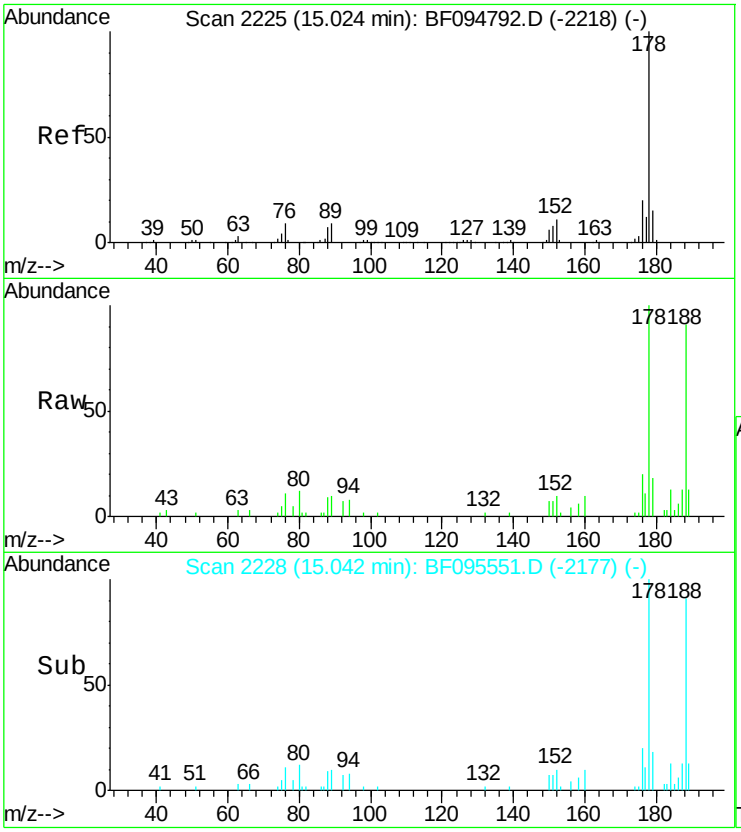


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

Tgt Ion:188 Resp: 200483

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	11.1	10.2	15.2

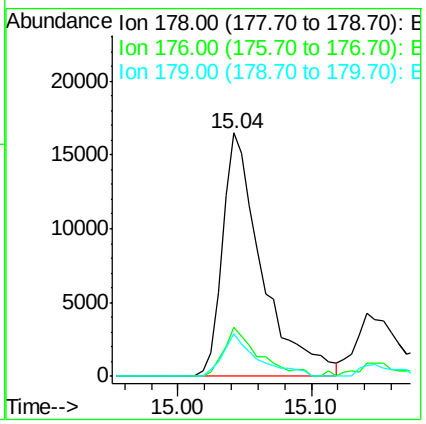




#70
Phenanthrene
Concen: 2.95 ng
RT: 15.04 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

Tgt Ion:178 Resp: 33980

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	17.6	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
NM15-COMP-0-6

Manual Integrations APPROVED
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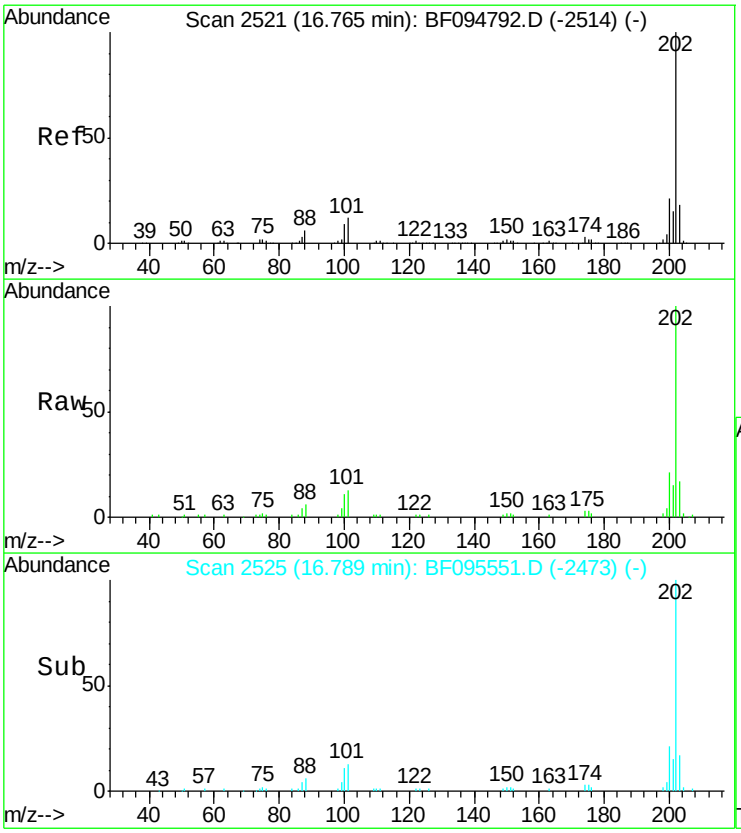
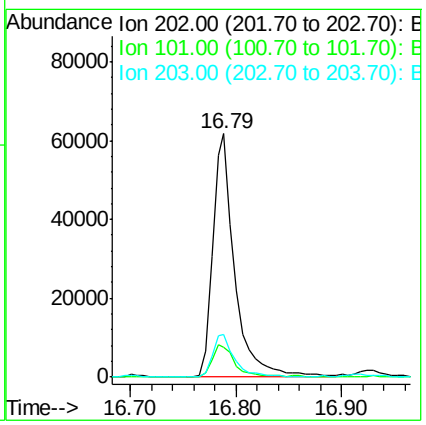
5/31/2017 5:03:03 PM

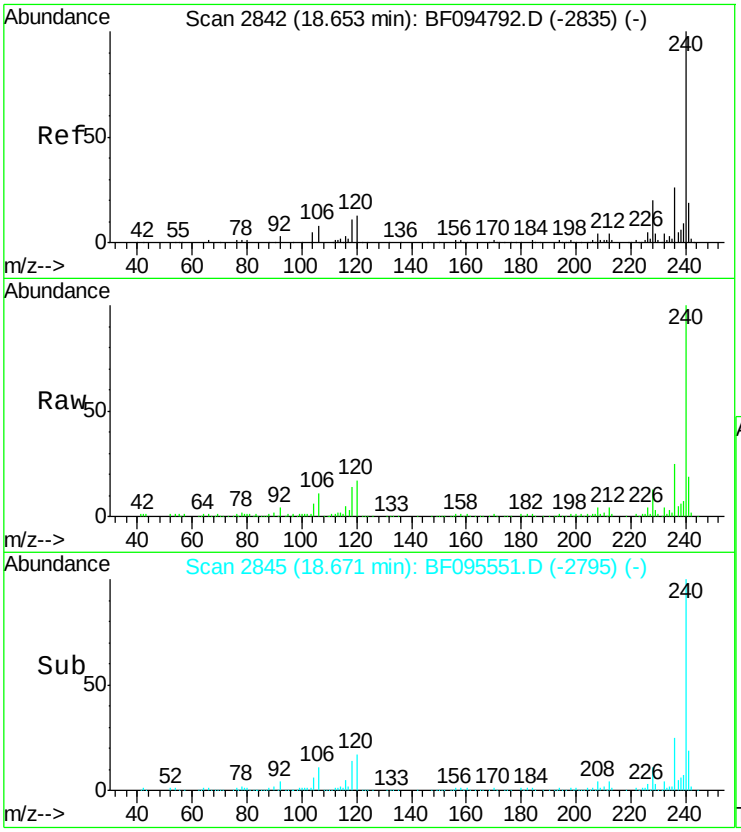


#74
Fluoranthene
Concen: 7.63 ng
RT: 16.79 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

Tgt Ion:202 Resp: 90170

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.2
203	17.5	0.0	38.1

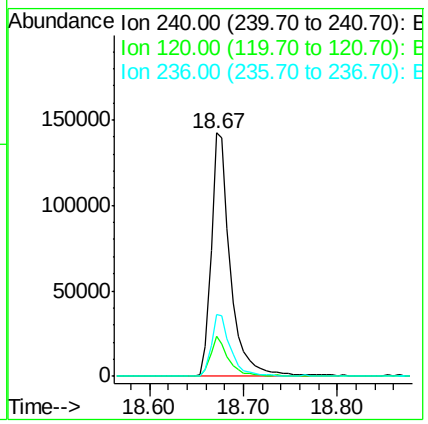




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

Tgt Ion:240 Resp: 206238

Ion	Ratio	Lower	Upper
240	100		
120	16.6	5.8	8.8#
236	25.3	20.5	30.7



Instrument :
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ClientSampleId :
NM15-COMP-0-6

Manual Integrations APPROVED
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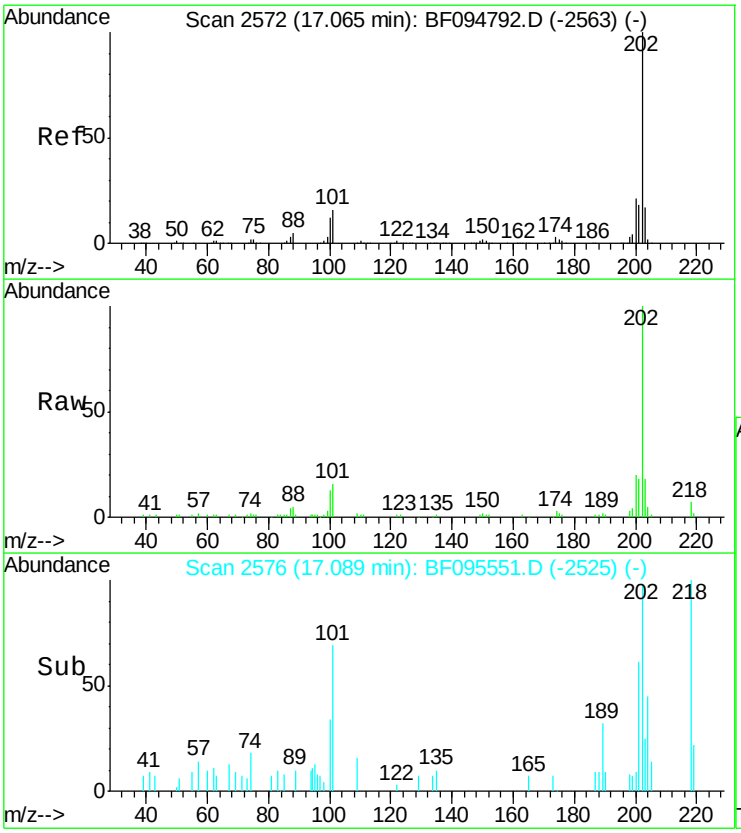
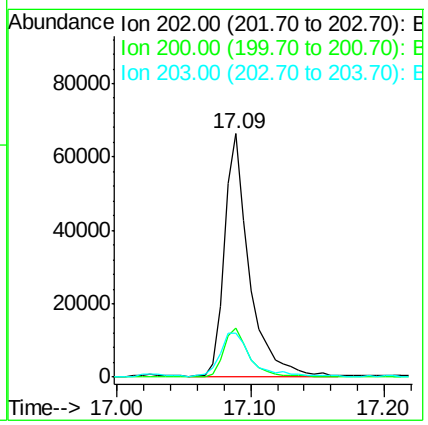
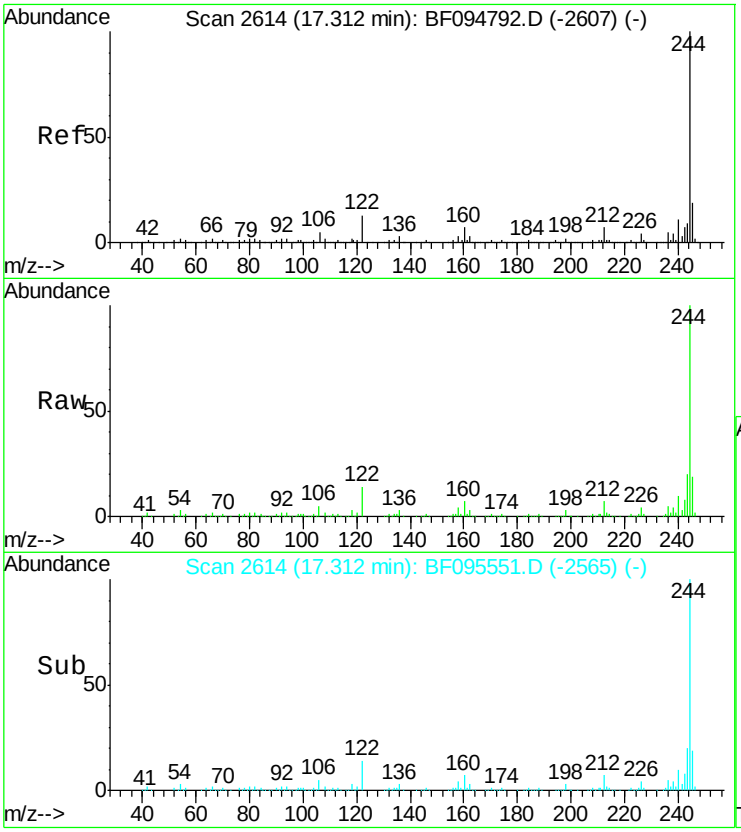


#77
Pyrene
Concen: 5.66 ng
RT: 17.09 min Scan# 2576
Delta R.T. 0.00 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

Tgt Ion:202 Resp: 87317

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.6	26.4
203	18.0	14.4	21.6

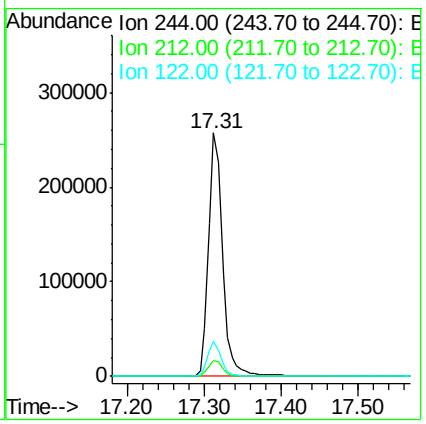




#78
Terphenyl-d14
Concen: 34.62 ng
RT: 17.31 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

Tgt Ion:244 Resp: 324192

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.4	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
NM15-COMP-0-6

Manual Integrations APPROVED
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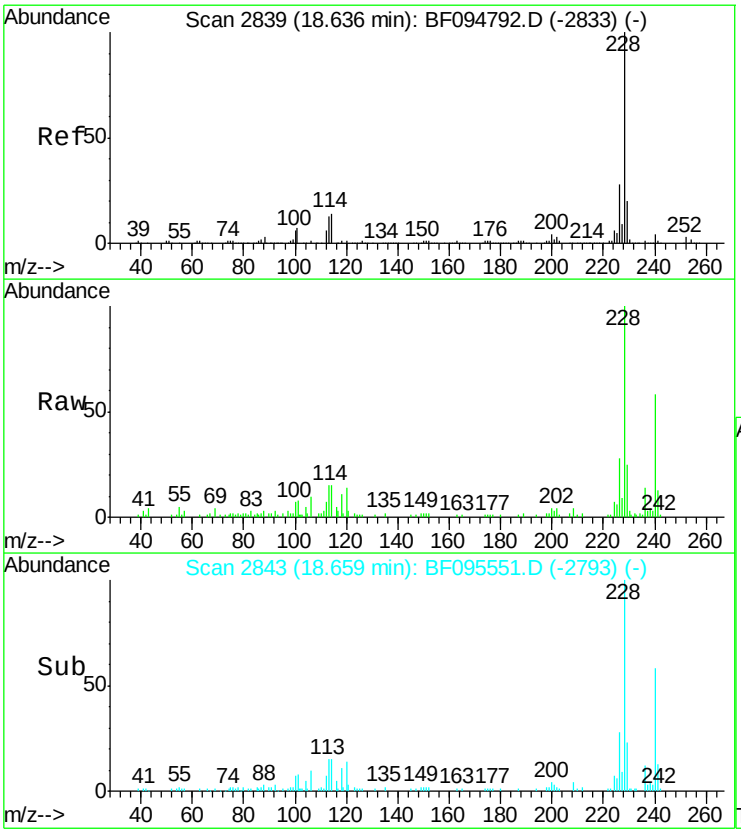
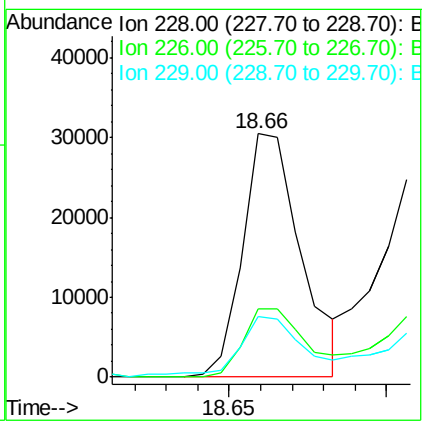
5/31/2017 5:03:03 PM

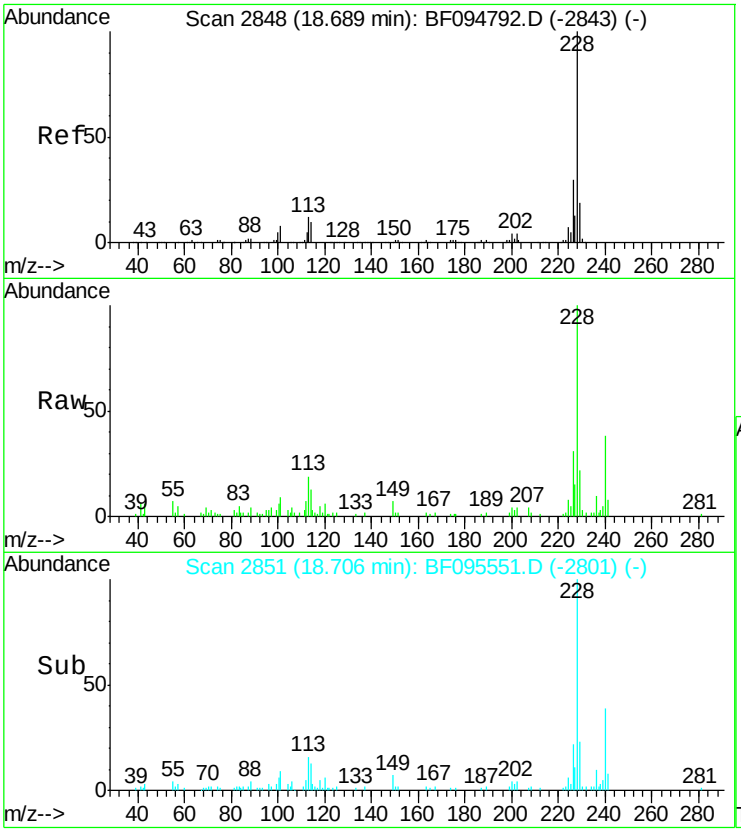


#80
Benzo(a)anthracene
Concen: 3.28 ng m
RT: 18.66 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

Tgt Ion:228 Resp: 39404

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	24.8	16.3	24.5#

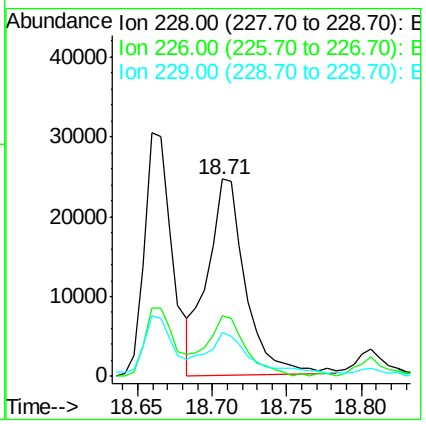




#82
Chrysene
Concen: 3.78 ng
RT: 18.71 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

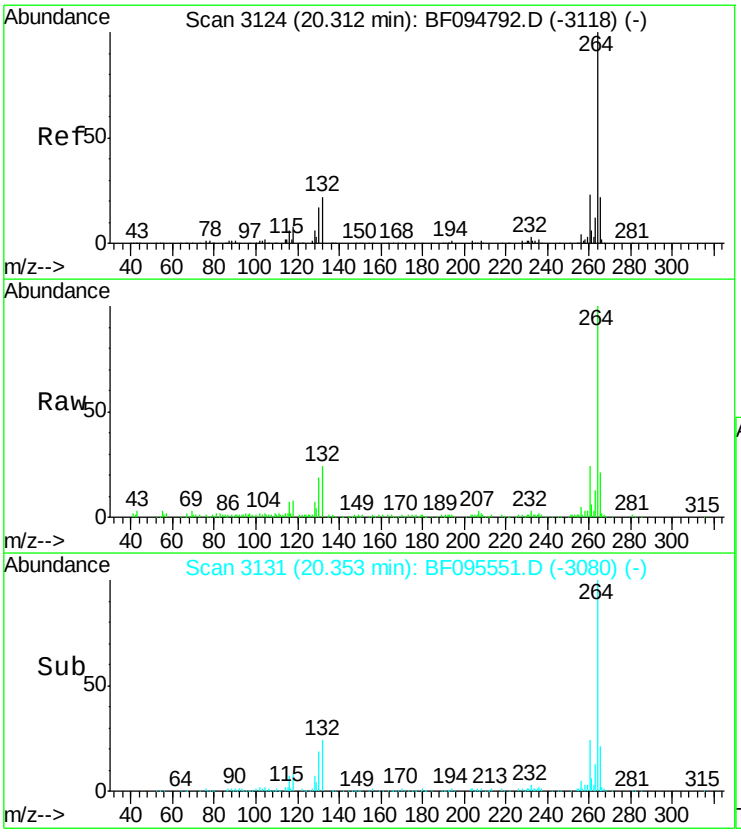
Tgt Ion:228 Resp: 43878

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	22.3	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
NM15-COMP-0-6

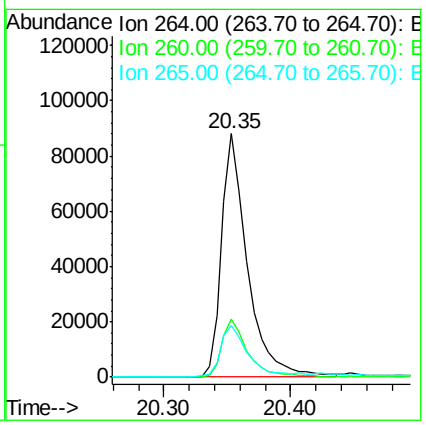
Manual Integrations APPROVED
mohammad
5/31/2017 5:03:03 PM

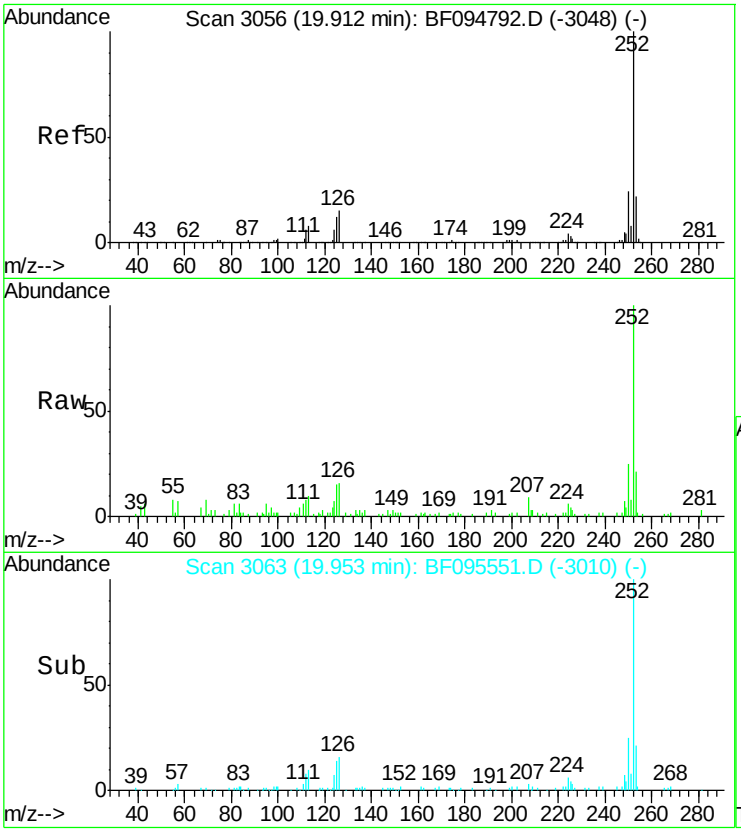


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

Tgt Ion:264 Resp: 125218

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.3	17.2	25.8





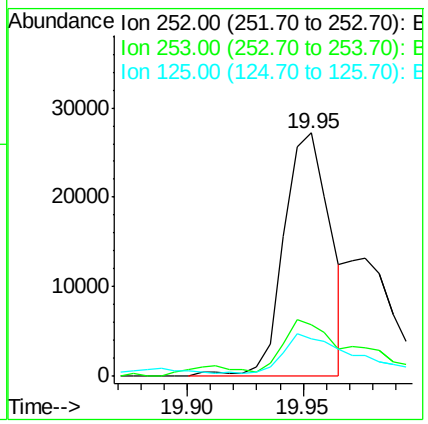
#87
Benzo(b)fluoranthene
Concen: 4.90 ng m
RT: 19.95 min Scan# 3063
Delta R.T. 0.01 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

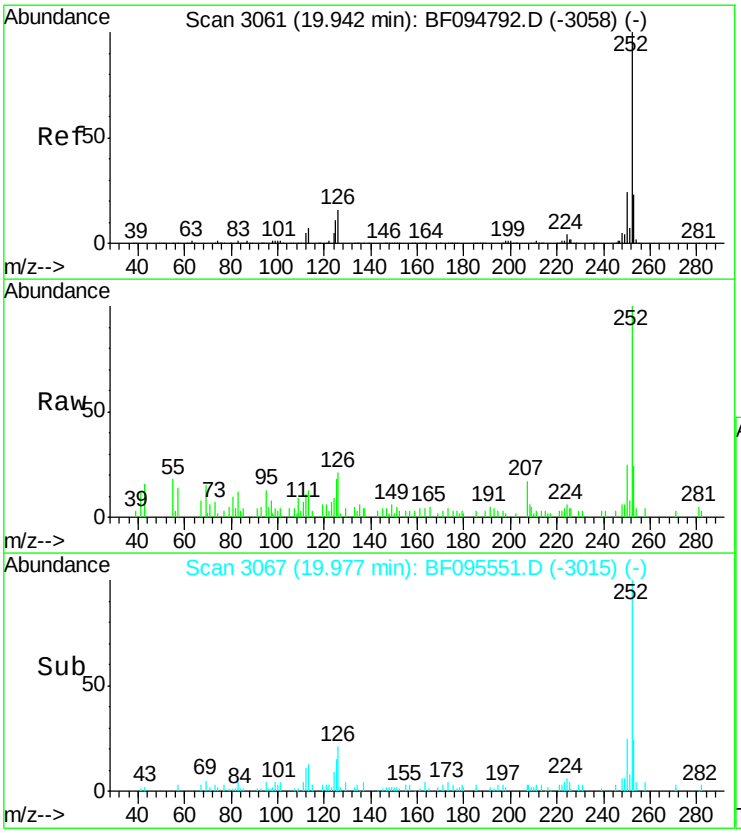
Tgt Ion:252 Resp: 37929

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	15.2	9.8	14.8#

Instrument :
BNA_F
ClientSampleId :
NM15-COMP-0-6

Manual Integrations APPROVED
mohammad
5/31/2017 5:03:03 PM

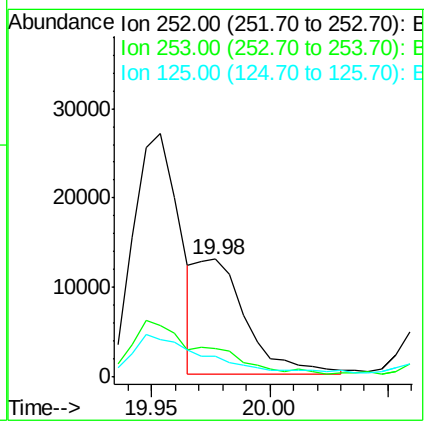


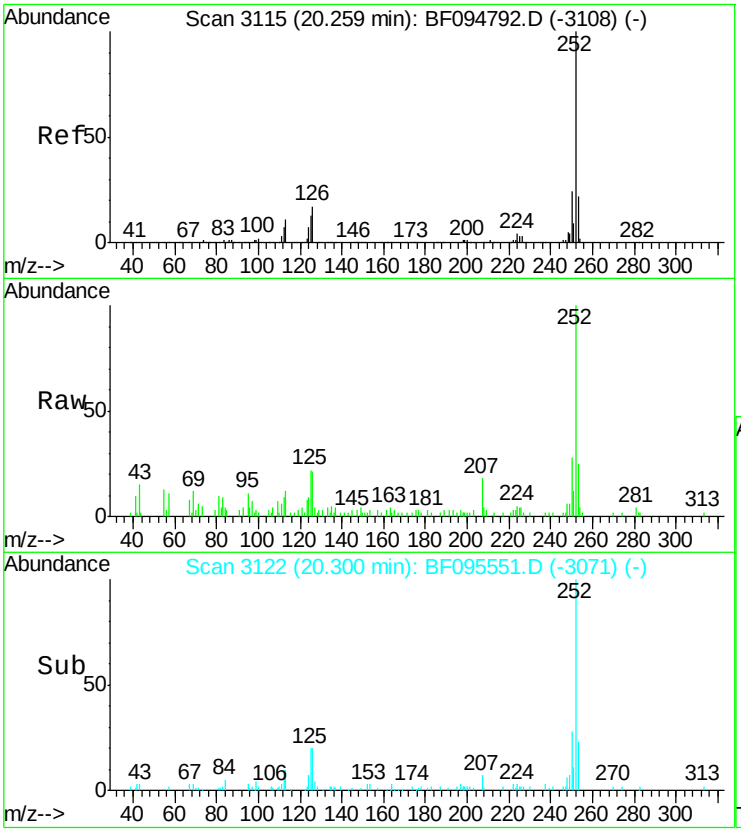


#88
Benzo(k)fluoranthene
Concen: 2.50 ng m
RT: 19.98 min Scan# 3067
Delta R.T. 0.01 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

Tgt Ion:252 Resp: 18683

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.4	27.6
125	18.0	13.1	19.7





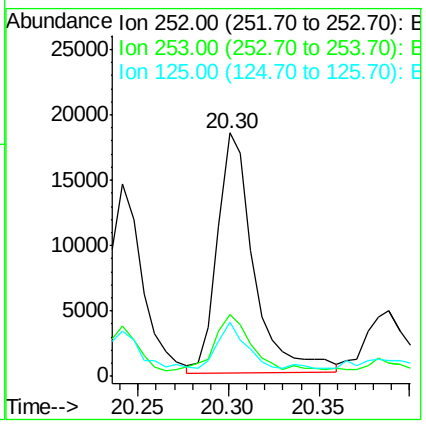
#89
Benzo(a)pyrene
Concen: 3.62 ng
RT: 20.30 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

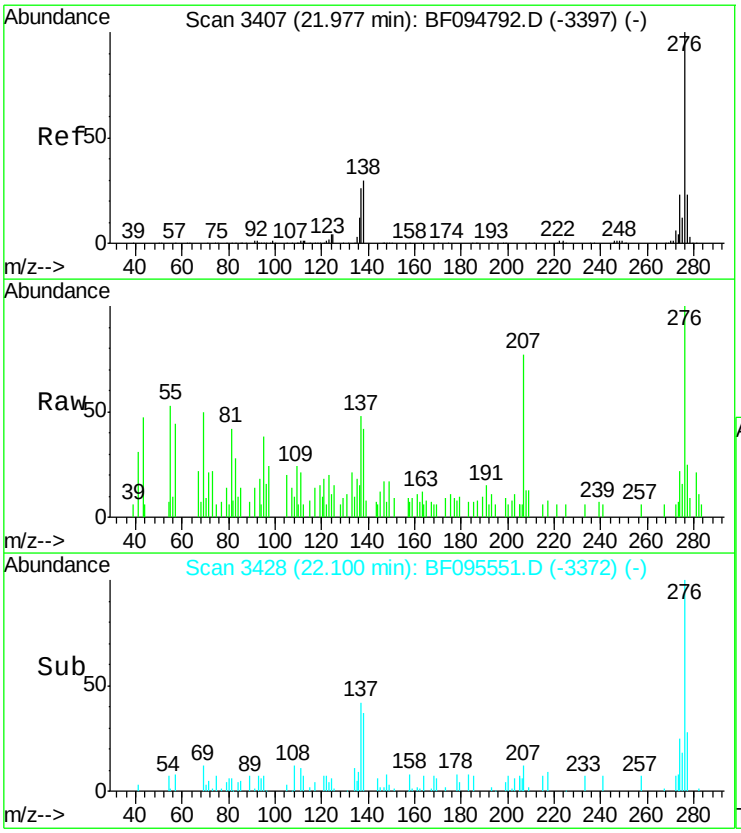
Tgt Ion:252 Resp: 25814

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.5	26.3
125	22.1	11.0	16.4#

Instrument :
BNA_F
ClientSampleId :
NM15-COMP-0-6

Manual Integrations APPROVED
mohammad
5/31/2017 5:03:03 PM





#91
Benzo(g,h,i)perylene
Concen: 2.73 ng
RT: 22.10 min Scan# 3428
Delta R.T. 0.03 min
Lab File: BF095551.D
Acq: 30 May 2017 23:37

Tgt Ion:276 Resp: 15783

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	28.0
138	41.9	25.4	38.0#