Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101315\
Data File : BM002892.D
Acq On : 13 Oct 2015 18:33
Operator : UM/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
MMdadoda
10/14/2015 6:25:53 PM

Quant Time: Oct 14 17:31:19 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM0101315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 14 17:20:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	80984	5.00	ng		0.00
8) Naphthalene-d8	11.50	136	335318	5.00	ng		0.00
14) Acenaphthene-d10	15.25	164	188291	5.00	ng		0.00
21) Phenanthrene-d10	17.95	188	437069	5.00	ng		0.00
24) Chrysene-d12	22.04	240	411283	5.00	ng		0.00
26) Perylene-d12	24.61	264	386563	5.00	ng		0.00
System Monitoring Compounds							
2) 2-Fluorophenol	6.18	112	3158m	0.22	ng		0.05
3) Phenol-d6	7.82	99	4753	0.21	ng		0.03
9) Nitrobenzene-d5	9.89	82	3656m	0.17	ng		0.02
15) 2,4,6-Tribromophenol	16.74	330	1263	0.18	ng		0.02
18) 2-Fluorobiphenyl	13.88	172	13066	0.21	ng		0.01
25) Terphenyl-d14	20.48	244	13363	0.21	ng		0.00
Target Compounds							Qvalue
4) 2-Chlorophenol	8.23	128	4354	0.21	ng	#	75
5) Phenol	7.85	94	4245m	0.18	ng		
6) 2-Methylphenol	9.14	107	3649	0.22	ng	#	76
7) 3+4-Methylphenols	9.50	107	4021	0.19	ng	#	41
10) 2-Nitrophenol	10.68	139	1608	0.19	ng	#	56
11) 2,4-Dimethylphenol	10.68	122	3670	0.20	ng		96
12) 2,4-Dichlorophenol	11.25	162	2530	0.18	ng	#	87
13) 4-Chloro-3-methylphenol	12.80	107	3490	0.19	ng	#	68
16) 2,4,6-Trichlorophenol	13.74	196	2280	0.19	ng	#	67
17) 2,4,5-Trichlorophenol	13.87	196	2265	0.17	ng	#	93
20) 4-Nitrophenol	15.58	139	421m	0.01	ng		
22) 4,6-Dinitro-2-methylphenol	16.45	198	263	0.08	ng	#	1

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101315\
Data File : BM002892.D
Acq On : 13 Oct 2015 18:33
Operator : UM/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 14 17:31:19 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM0101315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 14 17:20:35 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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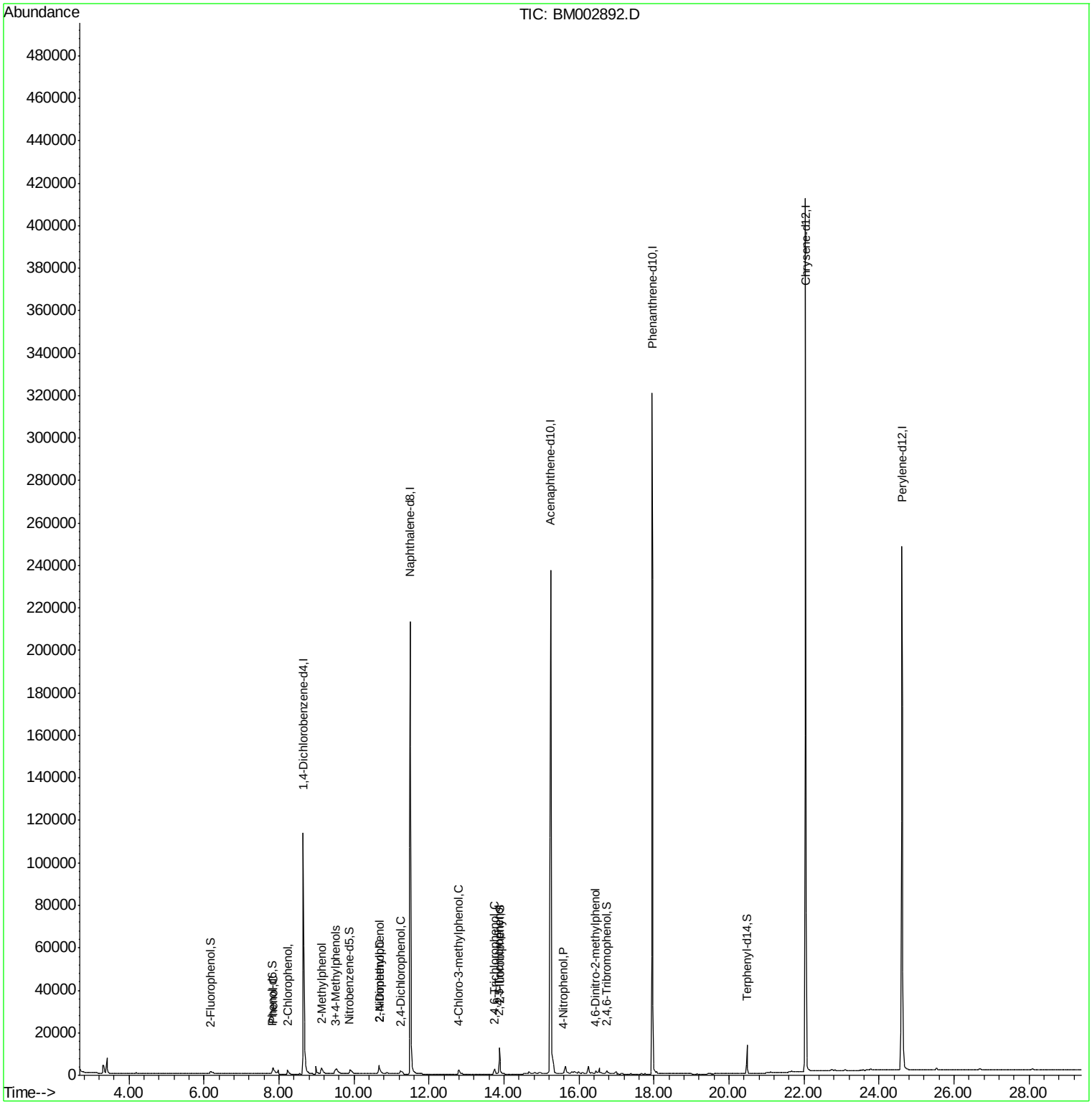
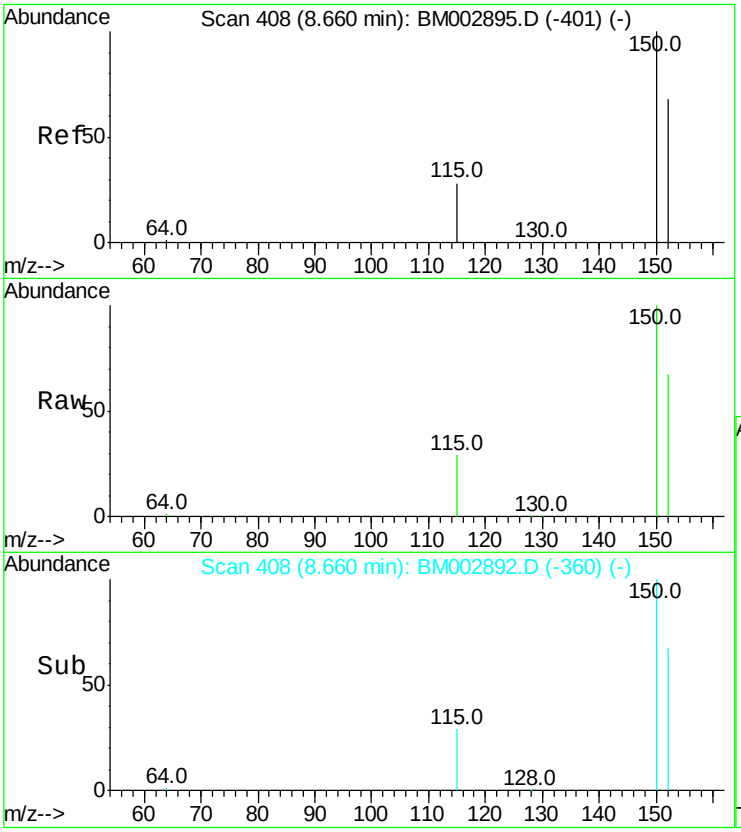
10/14/2015 6:25:53 PM

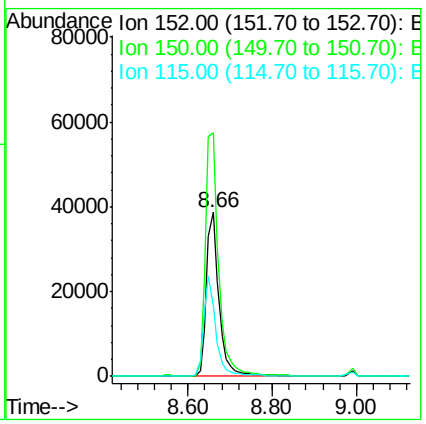




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.66 min Scan# 408
Delta R.T. -0.00 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

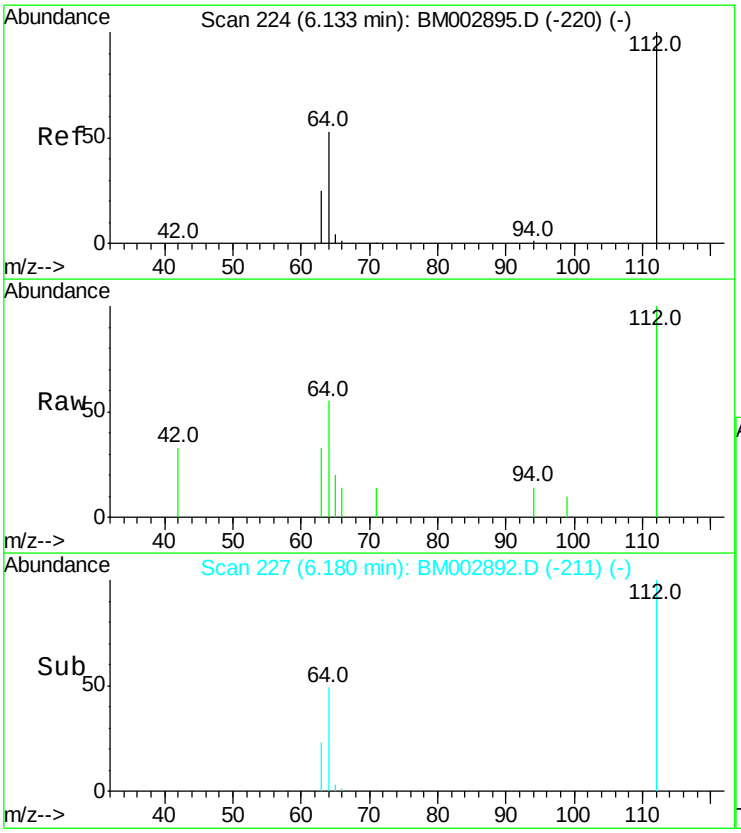
Tgt Ion:152 Resp: 80984

Ion	Ratio	Lower	Upper
152	100		
150	148.5	116.3	174.5
115	43.3	31.9	47.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

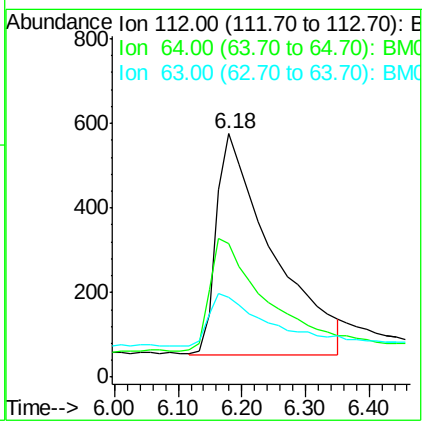
Manual Integrations APPROVED
MMdadoda
10/14/2015 6:25:53 PM

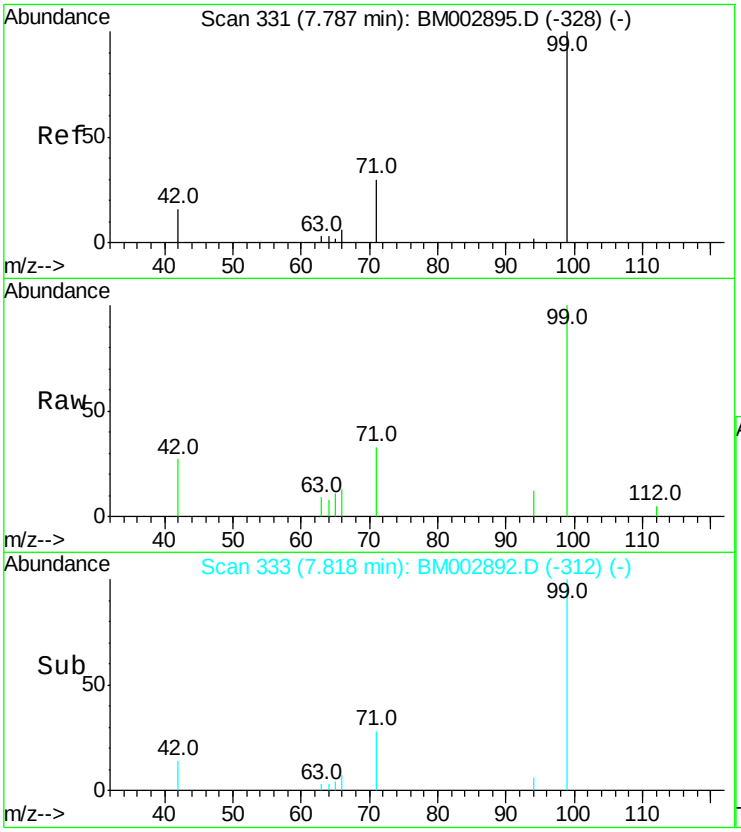


#2
2-Fluorophenol
Concen: 0.22 ng m
RT: 6.18 min Scan# 227
Delta R.T. 0.05 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion:112 Resp: 3158

Ion	Ratio	Lower	Upper
112	100		
64	54.9	49.3	73.9
63	33.0	26.2	39.4

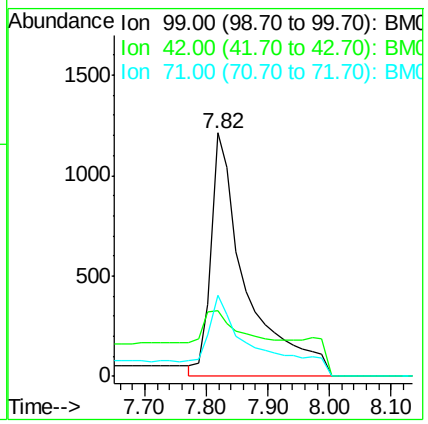




#3
Phenol-d6
Concen: 0.21 ng
RT: 7.82 min Scan# 333
Delta R.T. 0.03 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion: 99 Resp: 4753

Ion	Ratio	Lower	Upper
99	100		
42	27.2	12.1	18.1#
71	33.3	26.4	39.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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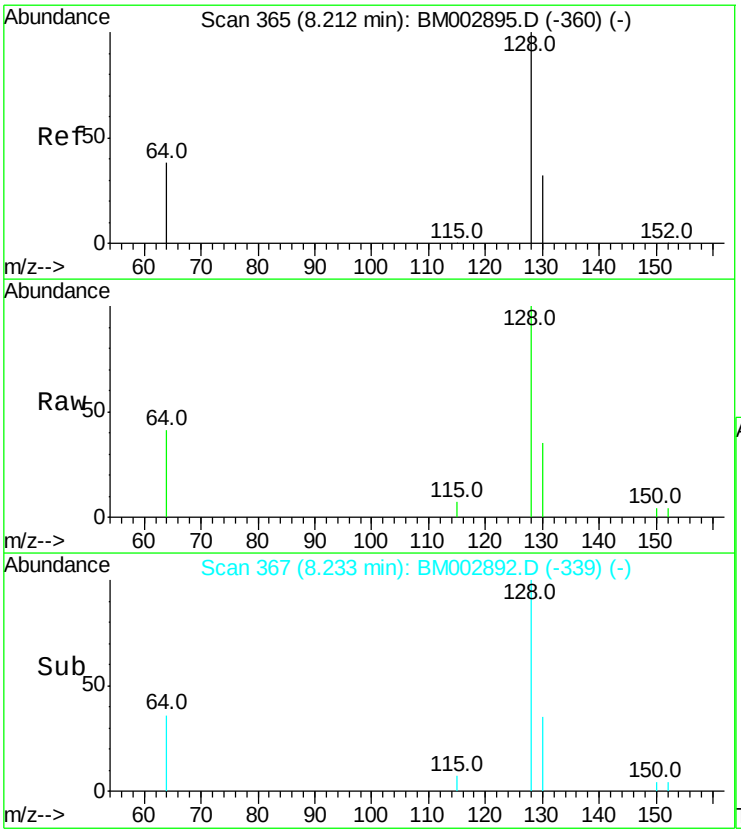
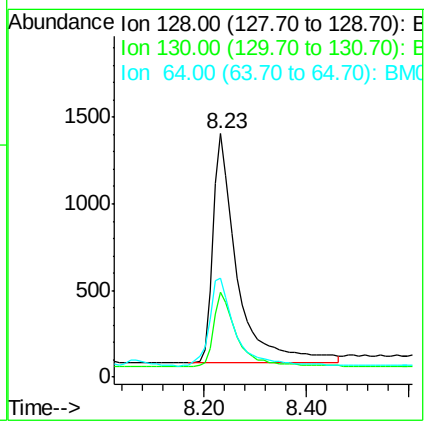
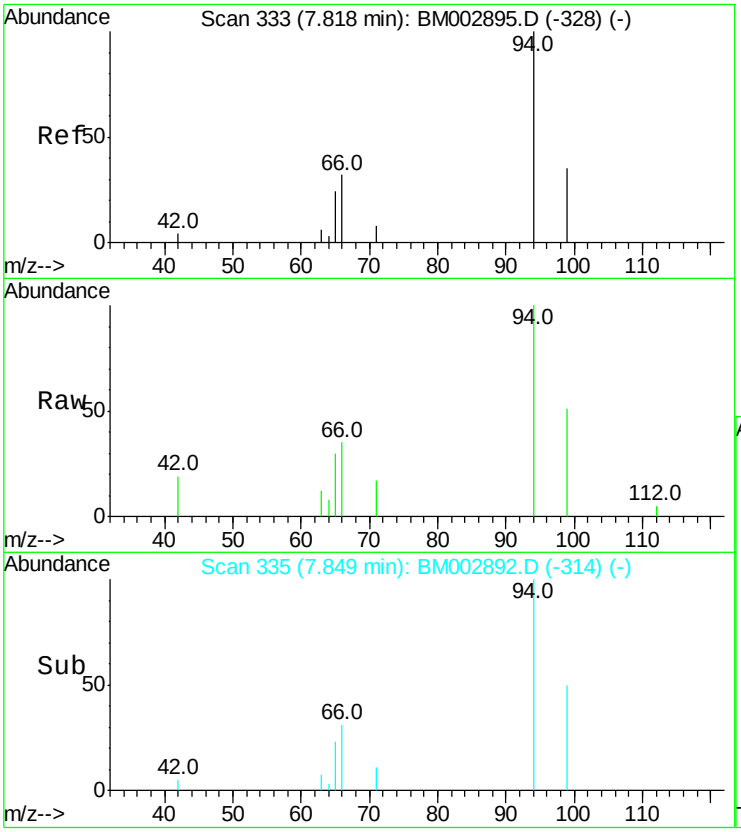


#4
2-Chlorophenol
Concen: 0.21 ng
RT: 8.23 min Scan# 367
Delta R.T. 0.02 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion:128 Resp: 4354

Ion	Ratio	Lower	Upper
128	100		
130	34.9	22.2	62.2
64	40.9	0.0	28.7#

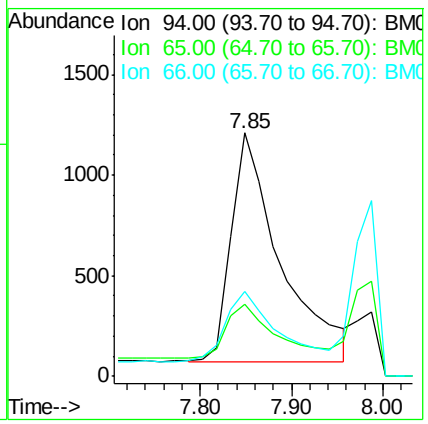




#5
Phenol
Concen: 0.18 ng m
RT: 7.85 min Scan# 335
Delta R.T. 0.03 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion: 94 Resp: 4245

Ion	Ratio	Lower	Upper
94	100		
65	29.7	0.0	37.7
66	35.0	6.3	46.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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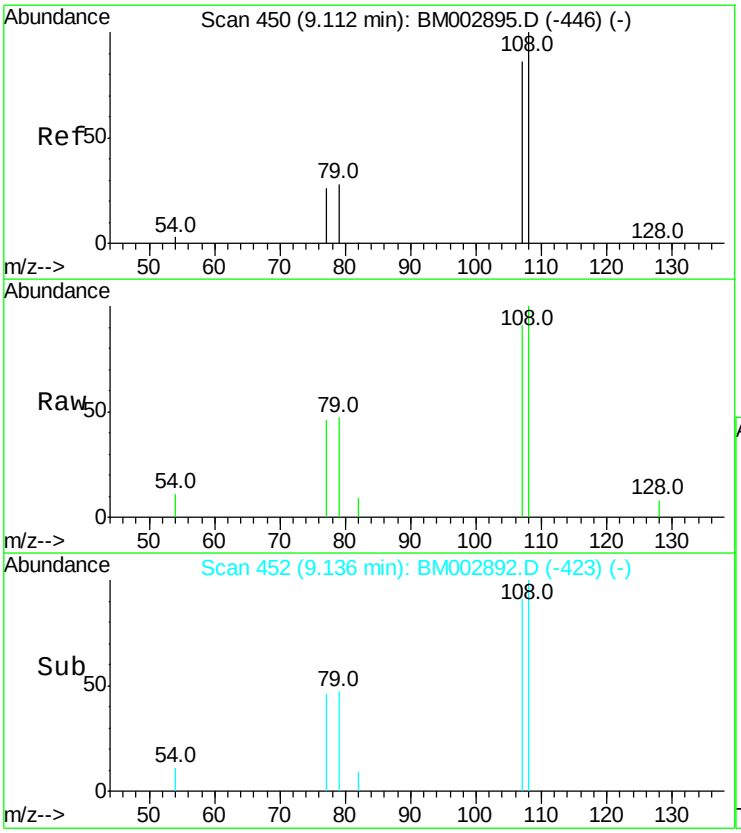
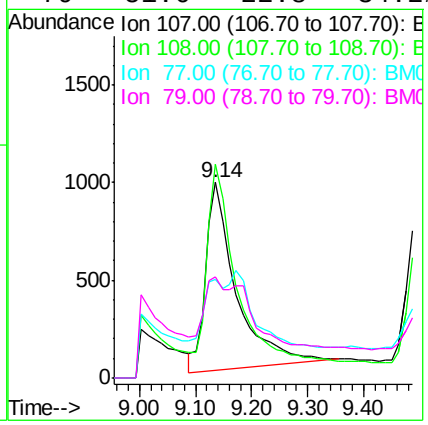
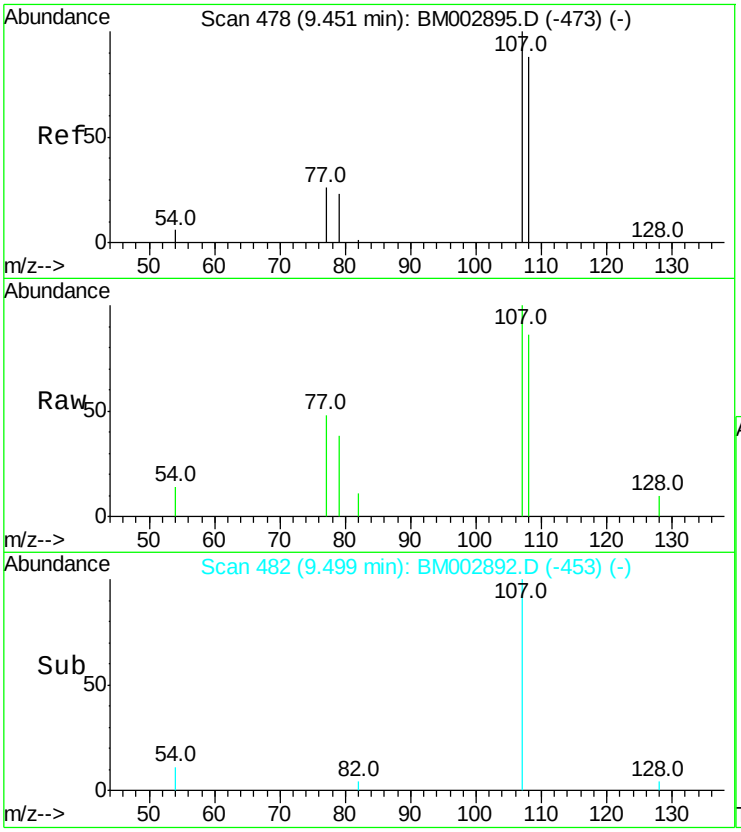


#6
2-Methylphenol
Concen: 0.22 ng
RT: 9.14 min Scan# 452
Delta R.T. 0.02 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion:107 Resp: 3649

Ion	Ratio	Lower	Upper
107	100		
108	109.3	100.9	151.3
77	50.2	20.3	30.5#
79	51.6	22.8	34.2#

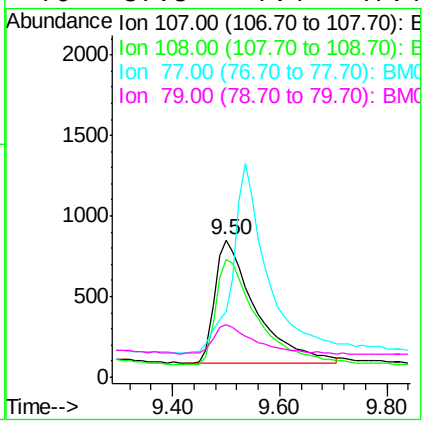




#7
3+4-Methylphenols
Concen: 0.19 ng
RT: 9.50 min Scan# 482
Delta R.T. 0.05 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion:107 Resp: 4021

Ion	Ratio	Lower	Upper
107	100		
108	85.8	86.3	126.3#
77	47.5	151.7	191.7#
79	37.8	7.4	47.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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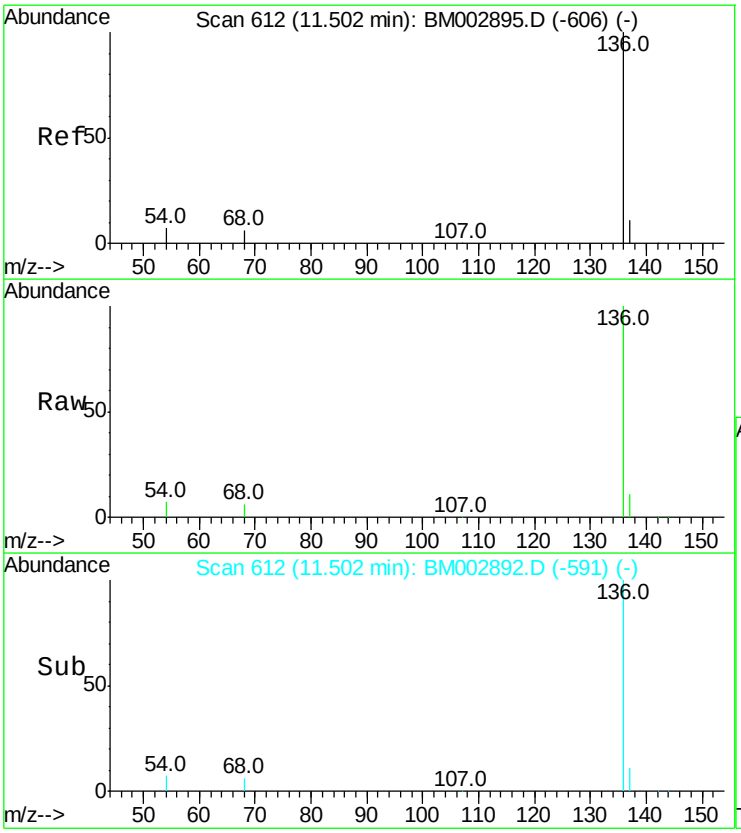
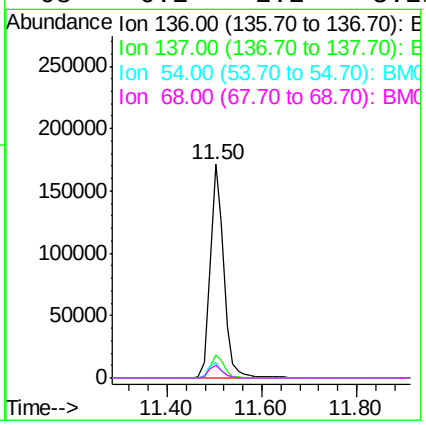
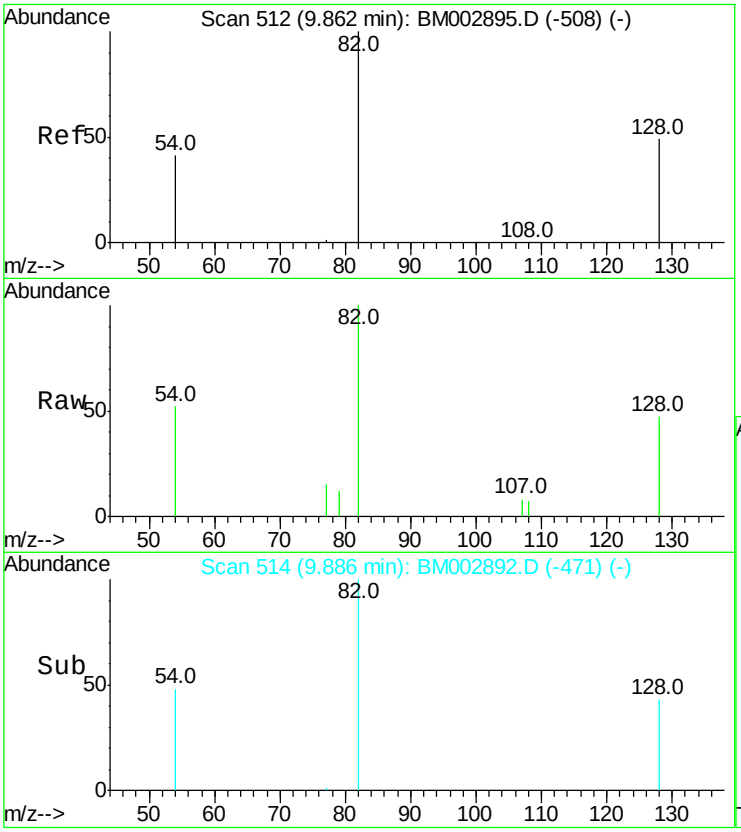


#8
Naphthalene-d8
Concen: 5.00 ng
RT: 11.50 min Scan# 612
Delta R.T. -0.00 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion:136 Resp: 335318

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	7.5	2.6	3.8#
68	6.2	2.2	3.2#

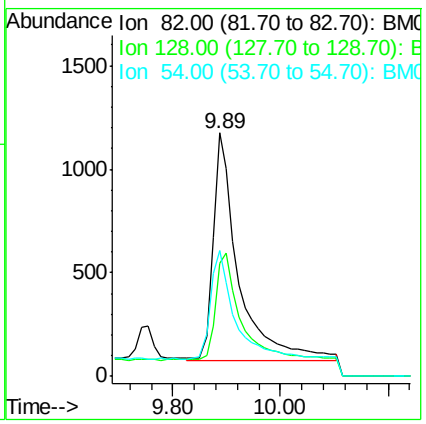




#9
Nitrobenzene-d5
Concen: 0.17 ng m
RT: 9.89 min Scan# 514
Delta R.T. 0.02 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion: 82 Resp: 3656

Ion	Ratio	Lower	Upper
82	100		
128	81.2	0.0	0.0#
54	85.9	59.0	88.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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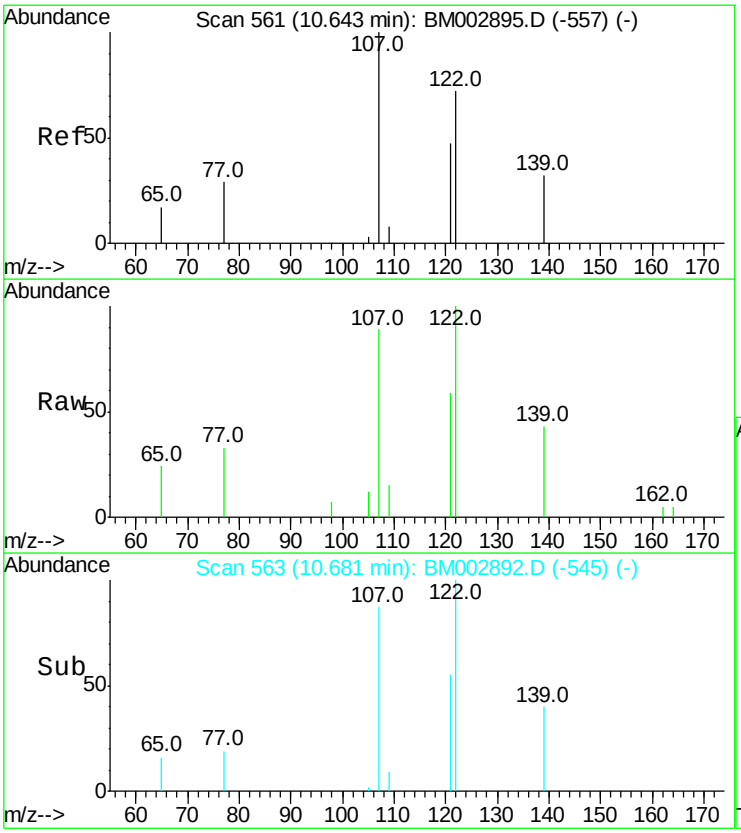
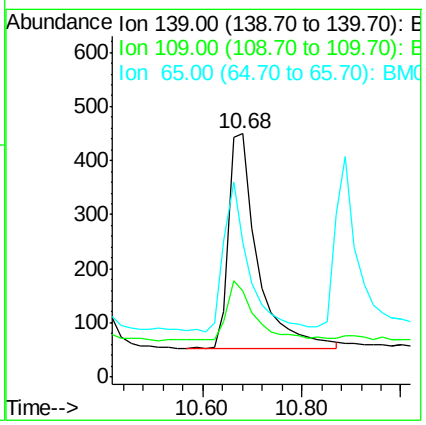
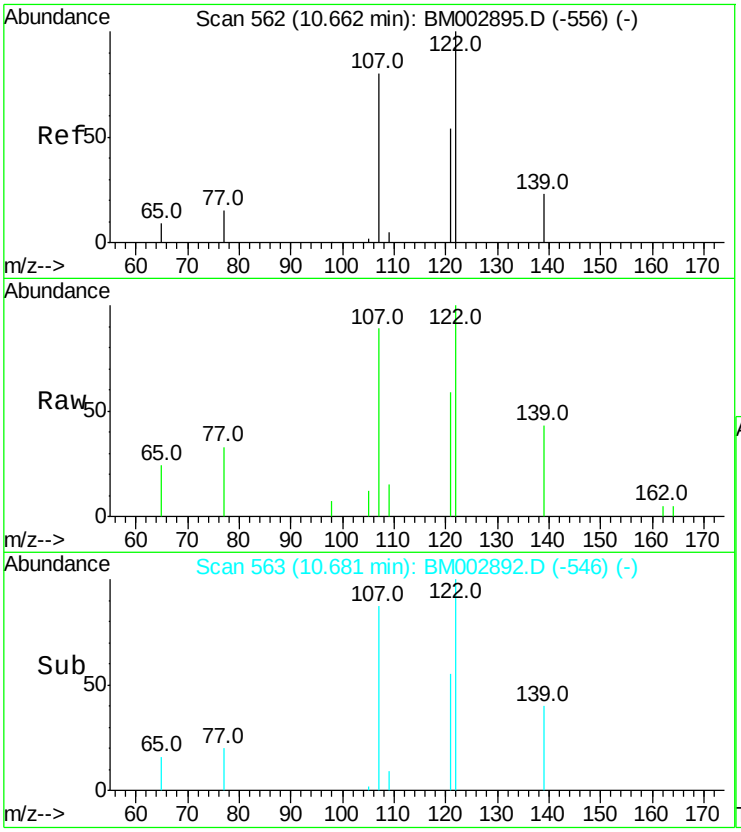


#10
2-Nitrophenol
Concen: 0.19 ng
RT: 10.68 min Scan# 563
Delta R.T. 0.04 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion:139 Resp: 1608

Ion	Ratio	Lower	Upper
139	100		
109	35.6	19.5	29.3#
65	55.6	18.6	28.0#

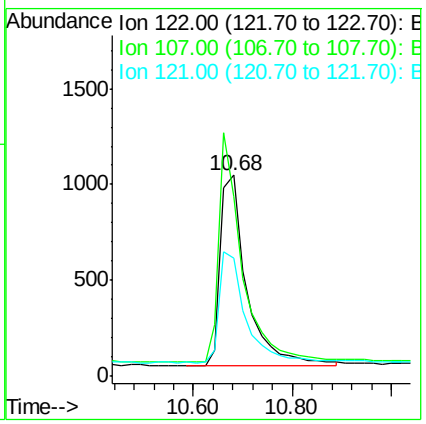




#11
2,4-Dimethylphenol
Concen: 0.20 ng
RT: 10.68 min Scan# 563
Delta R.T. 0.02 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

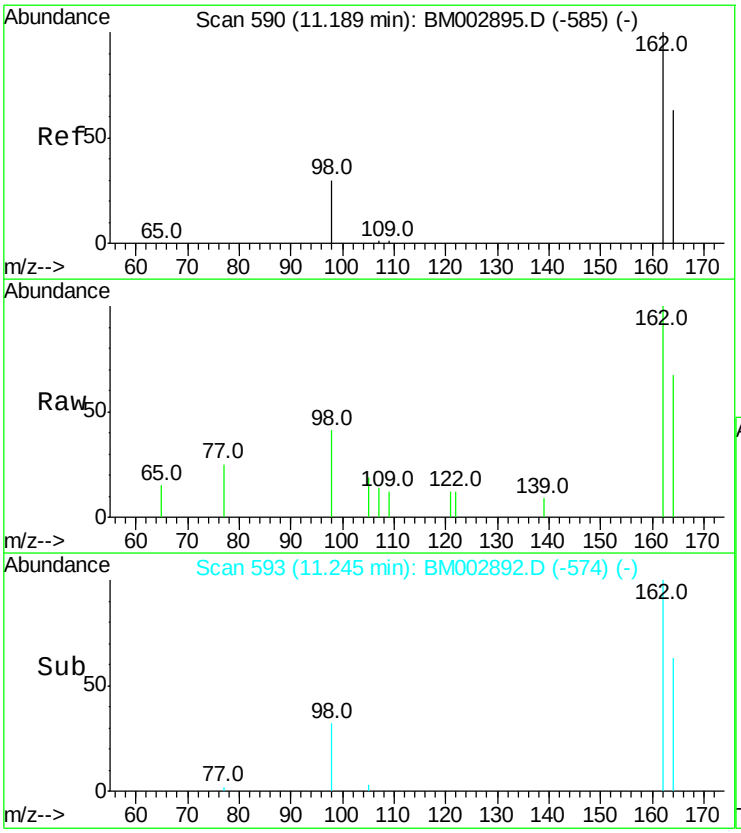
Tgt Ion:122 Resp: 3670

Ion	Ratio	Lower	Upper
122	100		
107	89.3	68.6	102.8
121	58.8	44.8	67.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

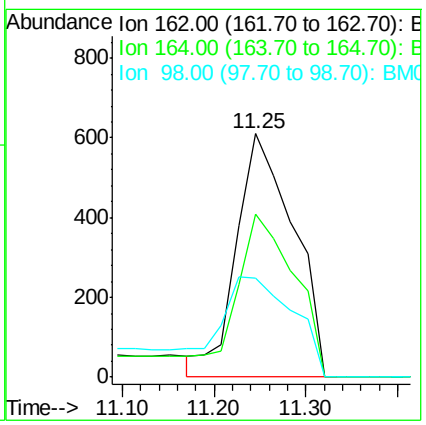
Manual Integrations APPROVED
MMdadoda
10/14/2015 6:25:53 PM

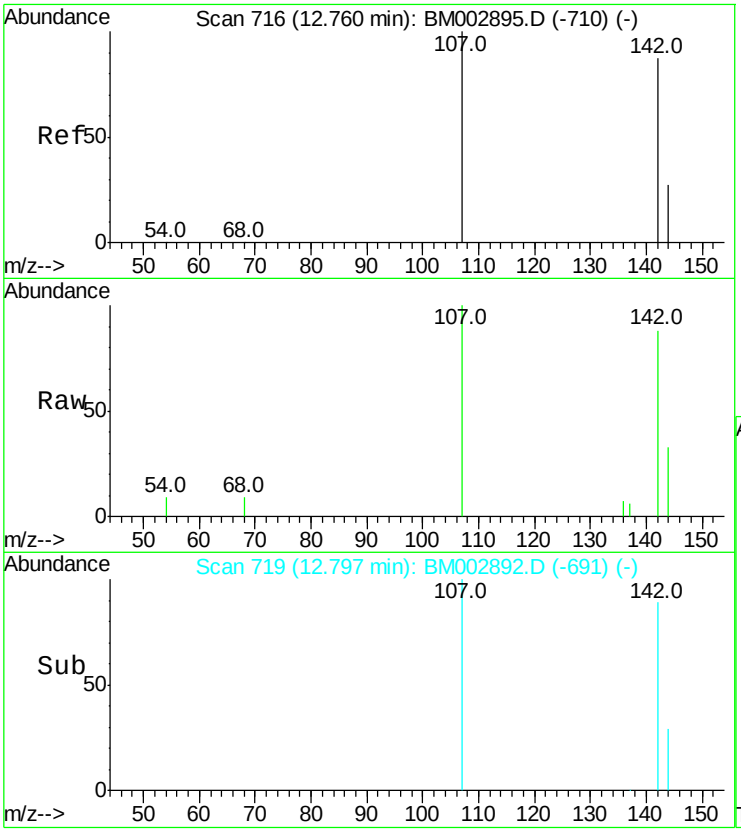


#12
2,4-Dichlorophenol
Concen: 0.18 ng
RT: 11.25 min Scan# 593
Delta R.T. 0.06 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion:162 Resp: 2530

Ion	Ratio	Lower	Upper
162	100		
164	66.8	49.2	89.2
98	40.6	0.0	37.4#

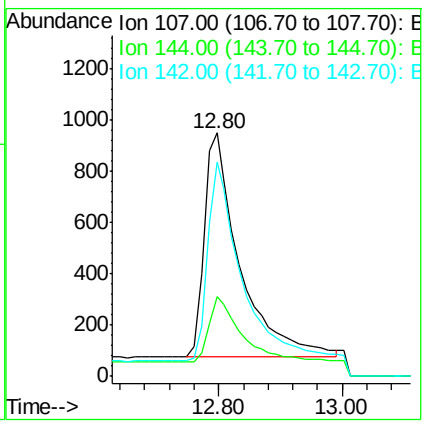




#13
4-Chloro-3-methylphenol
Concen: 0.19 ng
RT: 12.80 min Scan# 719
Delta R.T. 0.04 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

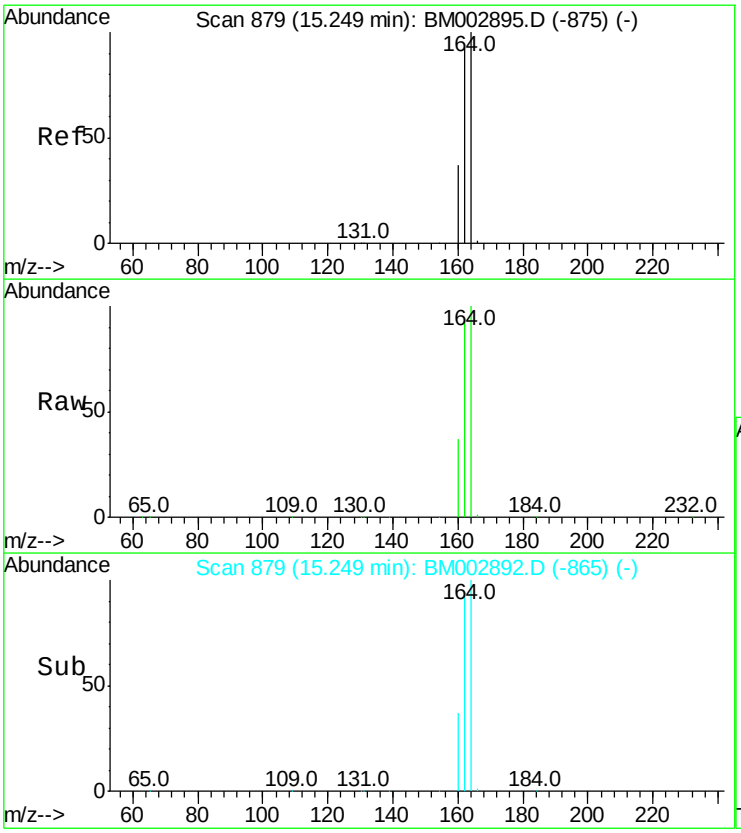
Tgt Ion:107 Resp: 3490

Ion	Ratio	Lower	Upper
107	100		
144	32.7	16.2	24.2#
142	88.0	49.8	74.6#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

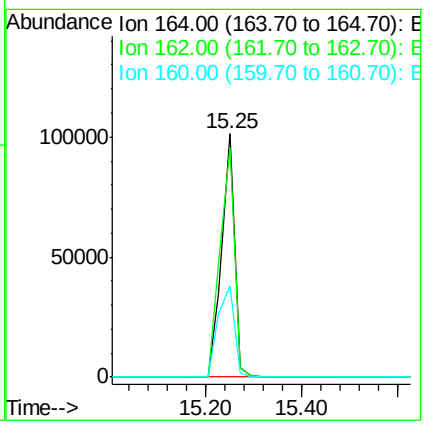
Manual Integrations APPROVED
MMdadoda
10/14/2015 6:25:53 PM

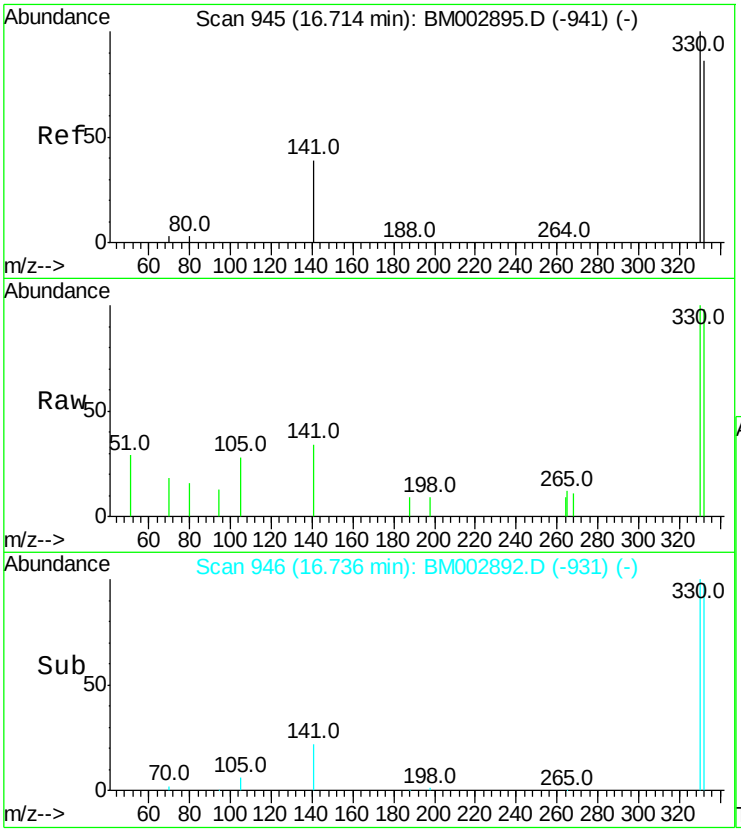


#14
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.25 min Scan# 879
Delta R.T. -0.00 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion:164 Resp: 188291

Ion	Ratio	Lower	Upper
164	100		
162	94.2	79.2	118.8
160	37.4	33.7	50.5

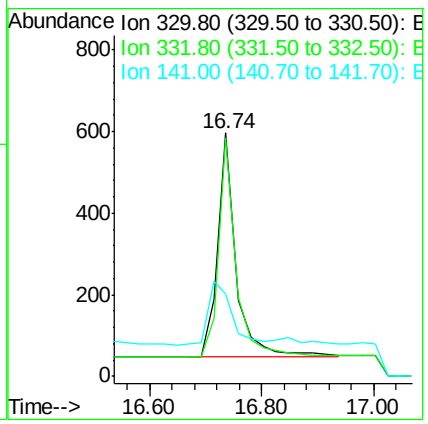




#15
2,4,6-Tribromophenol
Concen: 0.18 ng
RT: 16.74 min Scan# 946
Delta R.T. 0.02 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

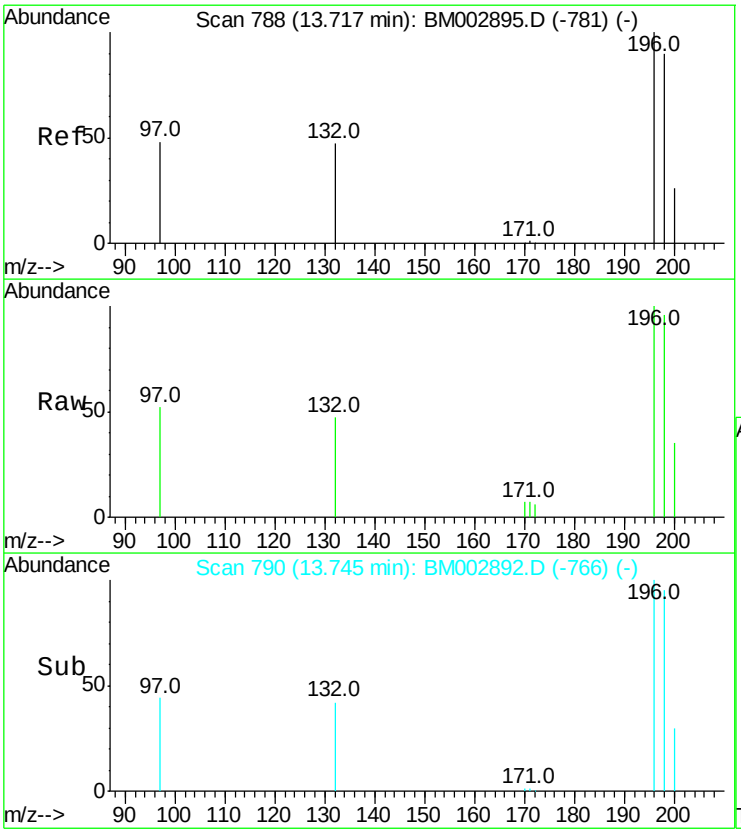
Tgt Ion:330 Resp: 1263

Ion	Ratio	Lower	Upper
330	100		
332	93.7	74.0	111.0
141	0.0	24.1	36.1#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

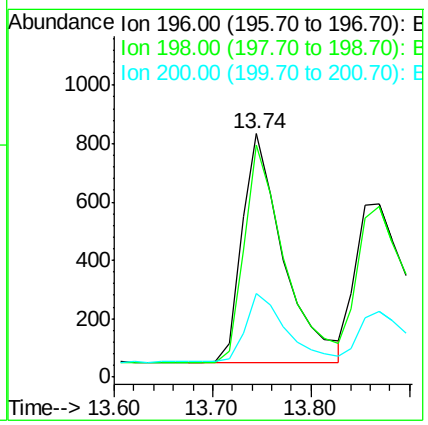
Manual Integrations APPROVED
MMdadoda
10/14/2015 6:25:53 PM

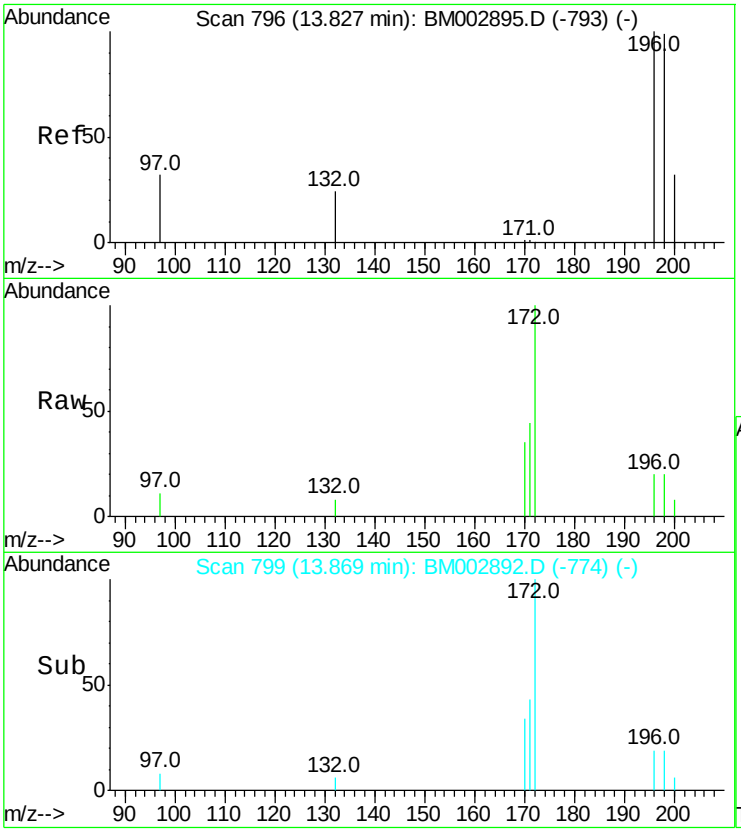


#16
2,4,6-Trichlorophenol
Concen: 0.19 ng
RT: 13.74 min Scan# 790
Delta R.T. 0.03 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion:196 Resp: 2280

Ion	Ratio	Lower	Upper
196	100		
198	95.6	54.2	81.2#
200	34.5	17.1	25.7#

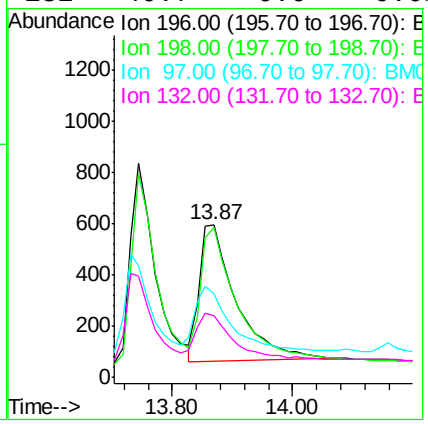




#17
2,4,5-Trichlorophenol
Concen: 0.17 ng
RT: 13.87 min Scan# 799
Delta R.T. 0.04 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion:196 Resp: 2265

Ion	Ratio	Lower	Upper
196	100		
198	98.5	73.6	110.4
97	54.8	0.0	0.0#
132	40.7	0.0	0.0#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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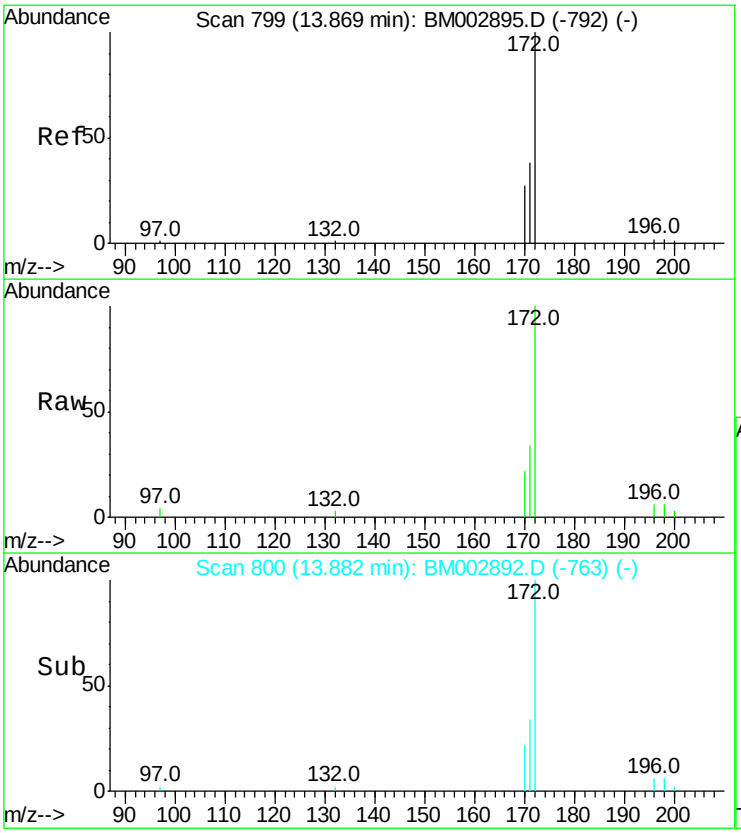
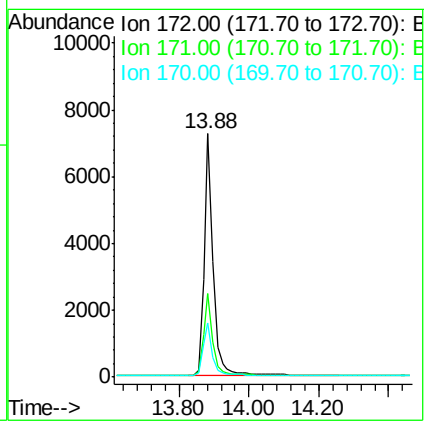
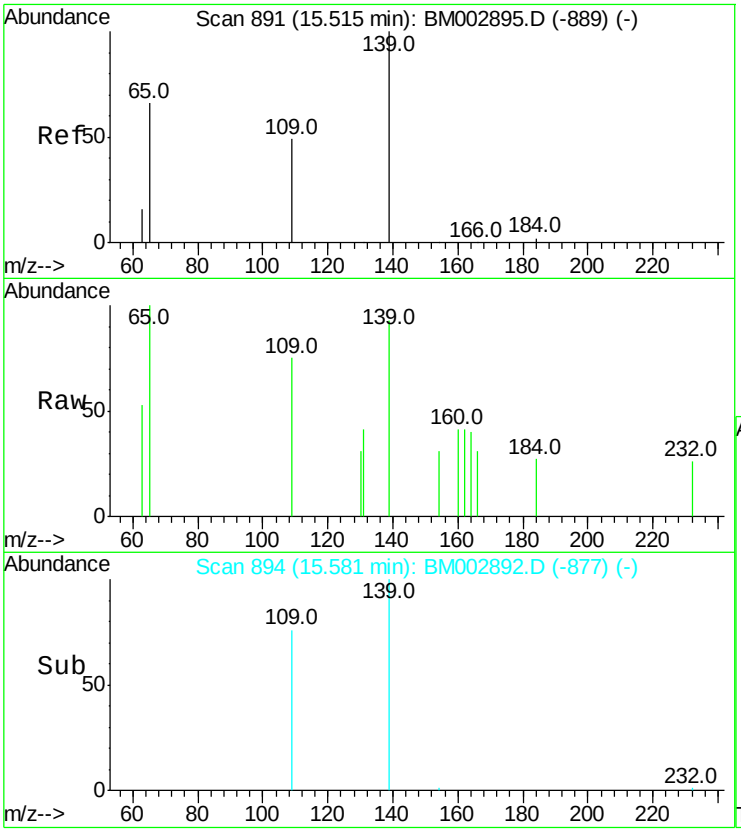


#18
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 13.88 min Scan# 800
Delta R.T. 0.01 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion:172 Resp: 13066

Ion	Ratio	Lower	Upper
172	100		
171	34.4	0.0	0.0#
170	22.6	0.0	0.0#

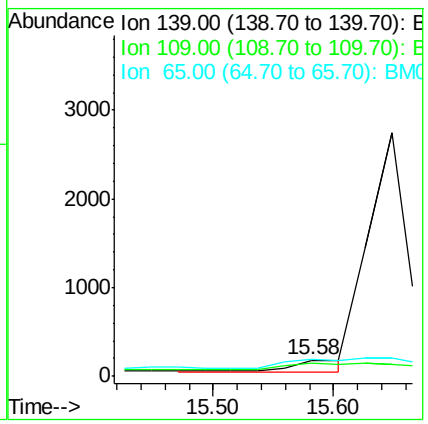




#20
4-Nitrophenol
Concen: 0.01 ng m
RT: 15.58 min Scan# 894
Delta R.T. 0.07 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion:139 Resp: 421

Ion	Ratio	Lower	Upper
139	100		
109	81.1	60.0	100.0
65	107.8	85.7	125.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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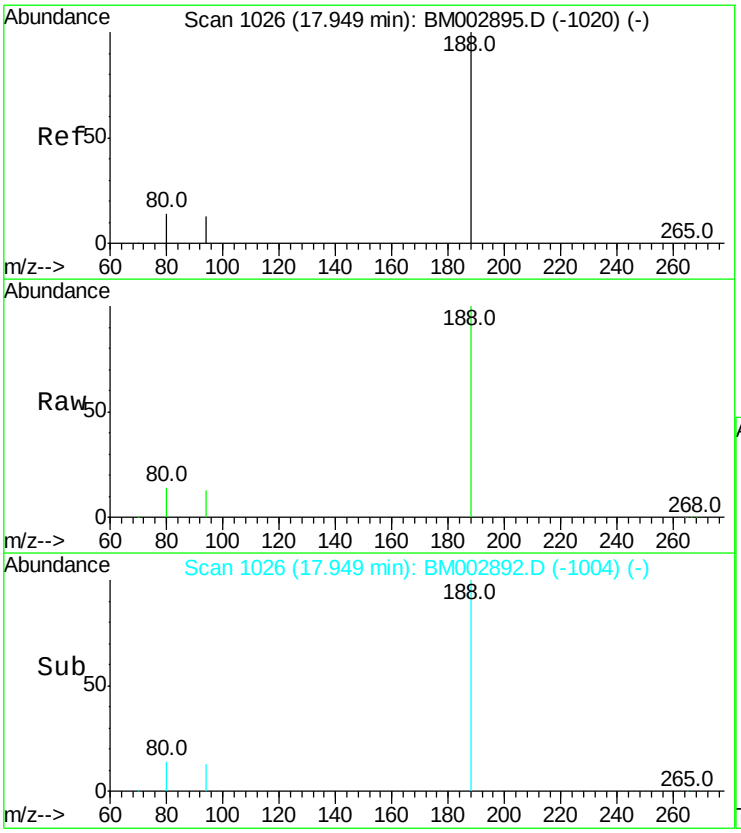
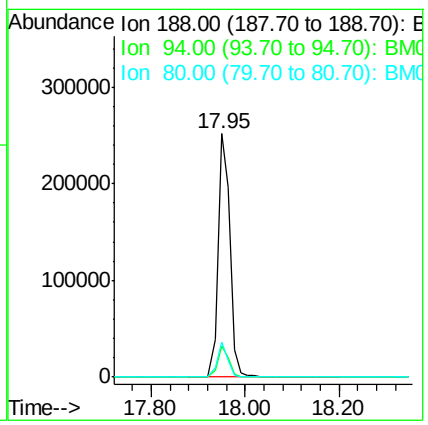
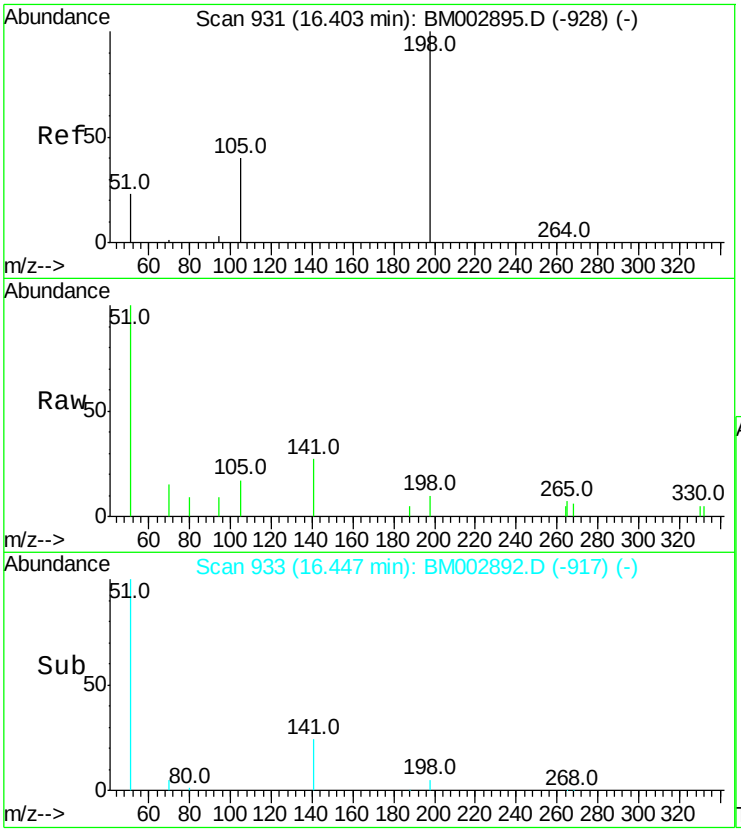


#21
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.95 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion:188 Resp: 437069

Ion	Ratio	Lower	Upper
188	100		
94	12.7	2.9	4.3#
80	14.4	2.5	3.7#





#22
4,6-Dinitro-2-methylphenol
Concen: 0.08 ng
RT: 16.45 min Scan# 933
Delta R.T. 0.04 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion:198 Resp: 263

Ion	Ratio	Lower	Upper
198	100		
51	1034.8	60.8	100.8#
105	177.2	30.0	70.0#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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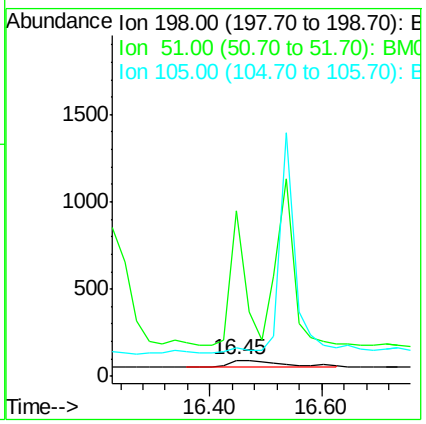
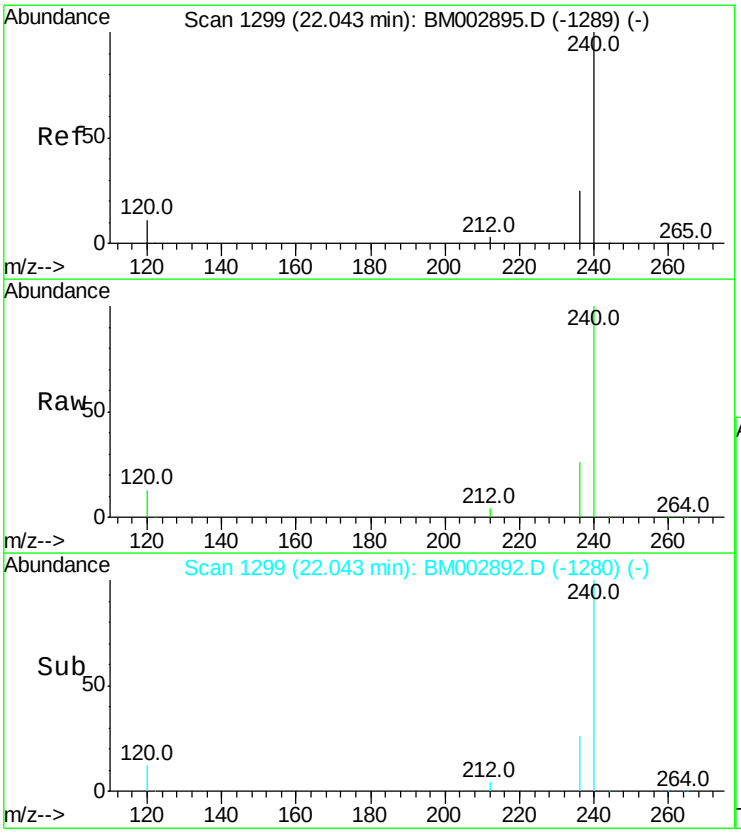
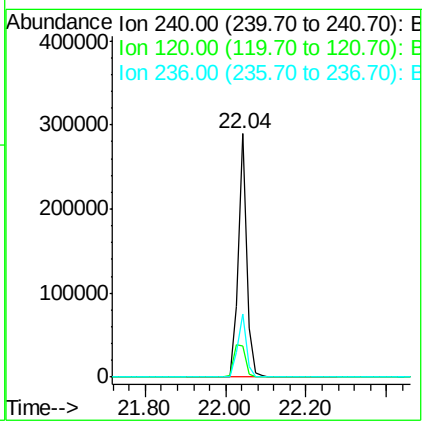


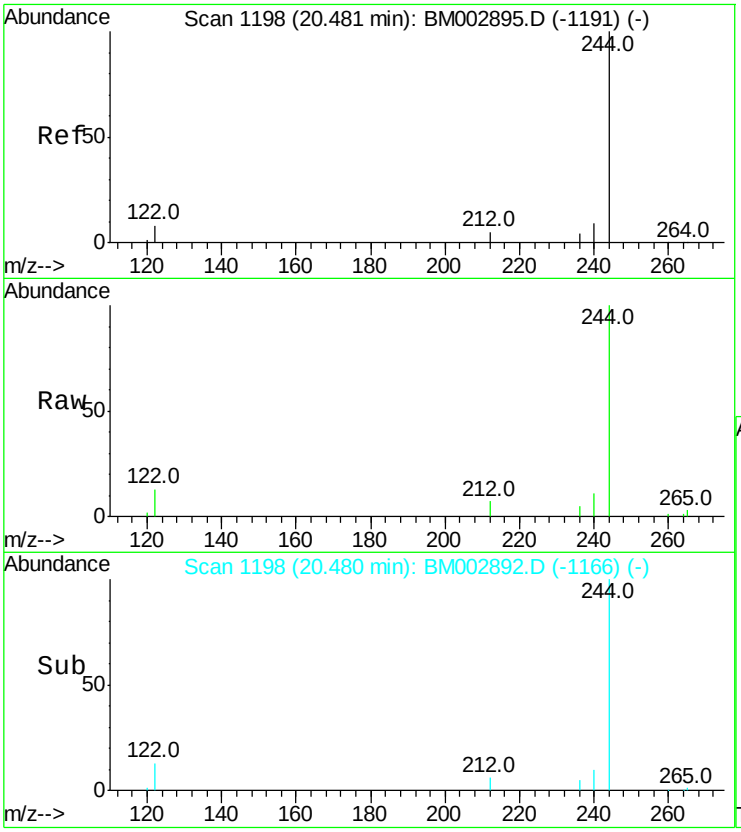


#24
Chrysene-d12
Concen: 5.00 ng
RT: 22.04 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion:240 Resp: 411283

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.4	15.6
236	25.8	22.0	33.0





#25
Terphenyl-d14
Concen: 0.21 ng
RT: 20.48 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion:244 Resp: 13363

Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.3	10.9
122	19.4	14.8	22.2

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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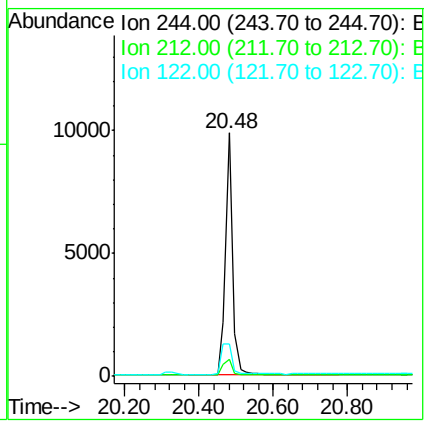

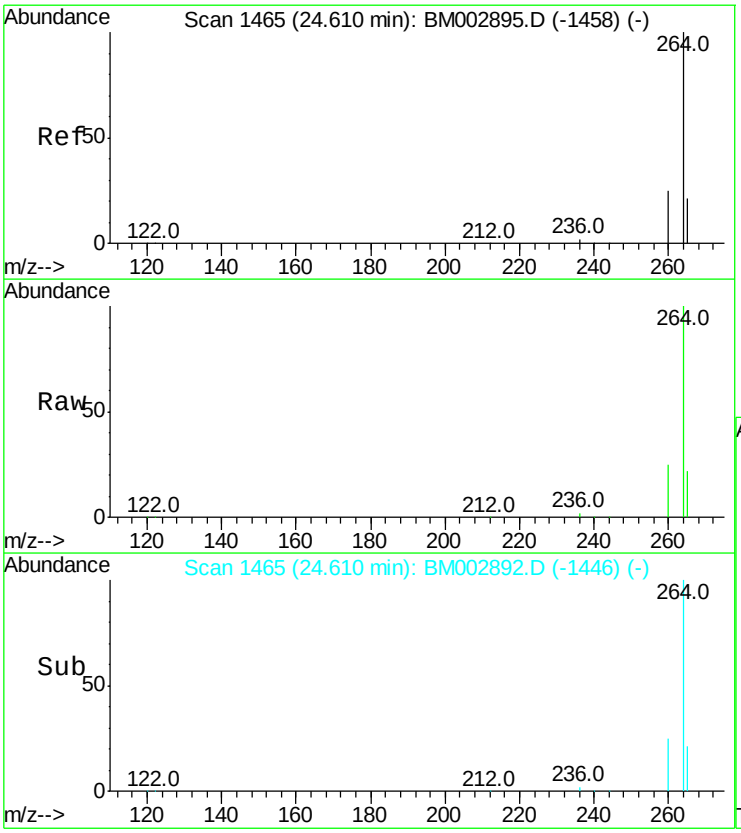

#26
Perylene-d12
Concen: 5.00 ng
RT: 24.61 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BM002892.D
Acq: 13 Oct 2015 18:33

Tgt Ion:264 Resp: 386563

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	21.7	17.4	26.2