Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111881.D
Acq On : 7 Jan 2019 17:26
Operator : JU/SJ
Sample : K1053-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2-DRUM

Manual Integrations APPROVED
Sohil
1/8/2019 11:20:47 AM

Quant Time: Jan 08 06:00:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	141672	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	420626	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	234356	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	389009	20.00	ng		0.00
76) Chrysene-d12	14.05	240	322763	20.00	ng		0.00
87) Perylene-d12	15.53	264	365697	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	471099	56.89	ng		0.00
7) Phenol-d6	6.55	99	374631	35.10	ng		0.02
23) Nitrobenzene-d5	7.45	82	717301	91.14	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	315083	103.36	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1263415	78.61	ng		0.00
79) Terphenyl-d14	13.00	244	1149998	67.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	25121	6.938	ng	#	1
9) Benzaldehyde	6.44	77	29766	3.062	ng		97
10) Phenol	6.56	94	166120	14.320	ng	#	75
15) Benzyl Alcohol	7.05	79	188763	22.353	ng		97
17) 2-Methylphenol	7.15	107	79641	10.776	ng		97
20) 3+4-Methylphenols	7.31	107	606472	65.938	ng	#	68
27) 2,4-Dimethylphenol	7.83	122	446309	78.743	ng		98
31) Naphthalene	8.19	128	182583	9.144	ng	#	92
32) Benzoic acid	7.97	122	698972m	190.034	ng		
37) 2-Methylnaphthalene	8.89	142	41472	3.352	ng		98
38) 1-Methylnaphthalene	8.99	142	23969m	2.020	ng		

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

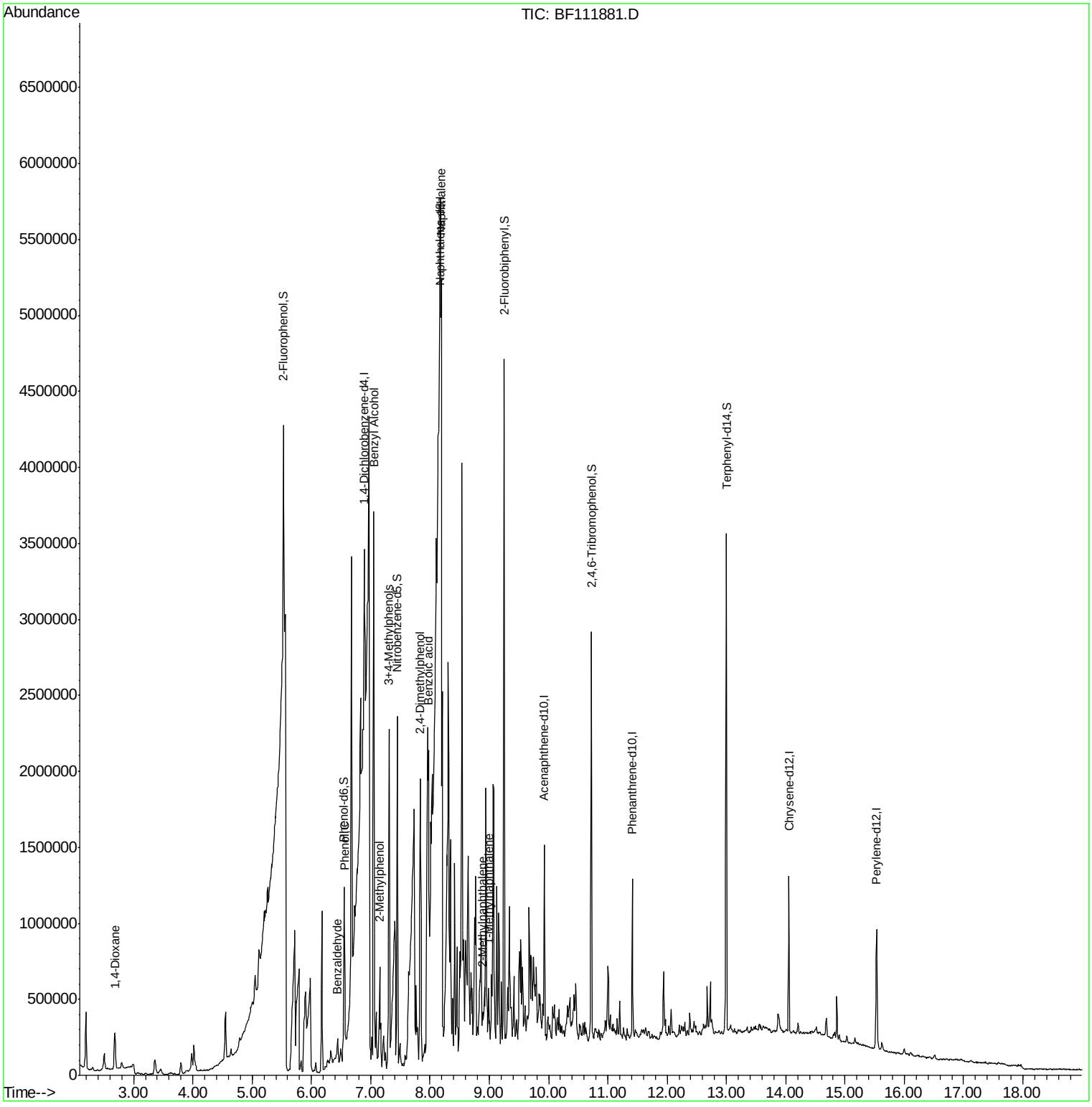
Quantitation Report (QT/LSC Reviewed)

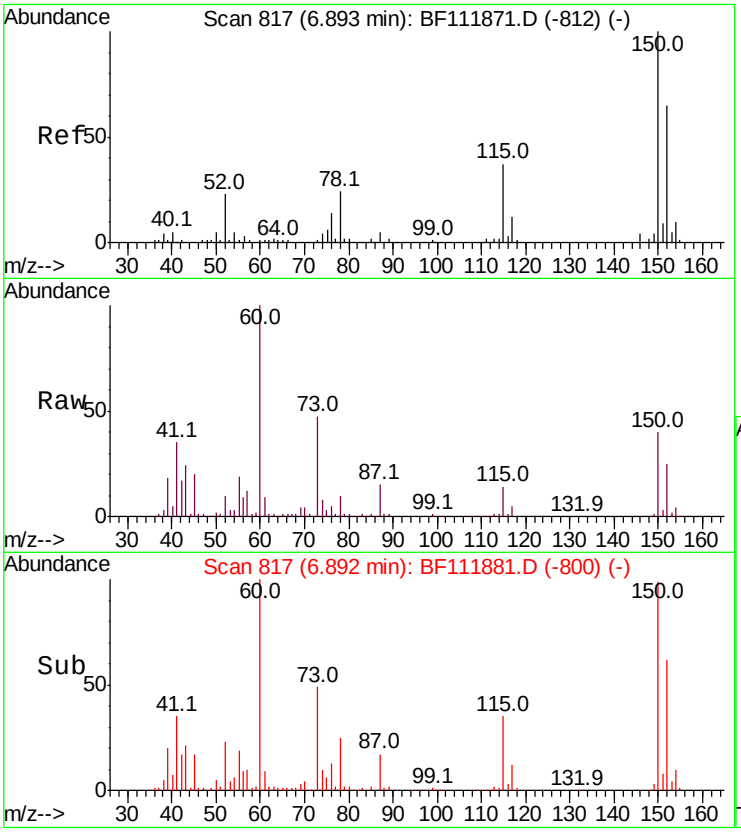
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111881.D
Acq On : 7 Jan 2019 17:26
Operator : JU/SJ
Sample : K1053-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 08 06:00:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
COMP-2-DRUM

Manual Integrations APPROVED
Sohil
1/8/2019 11:20:47 AM

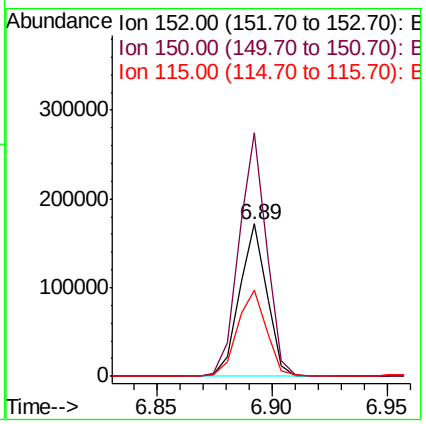




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

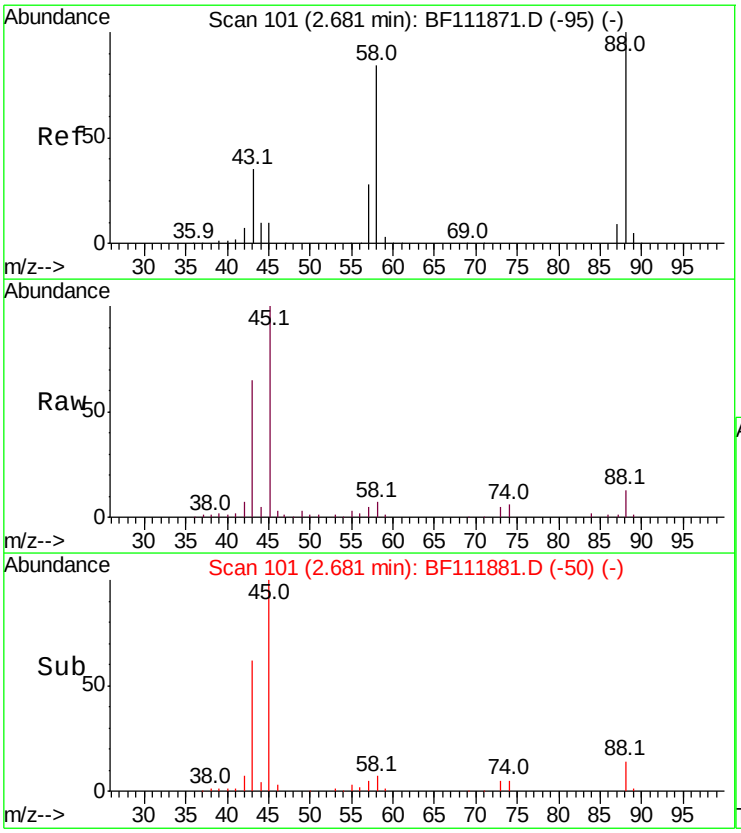
Tgt Ion:152 Resp: 141672

Ion	Ratio	Lower	Upper
152	100		
150	159.7	122.7	184.1
115	56.9	45.2	67.8



Instrument :
BNA_F
ClientSampleId :
COMP-2-DRUM

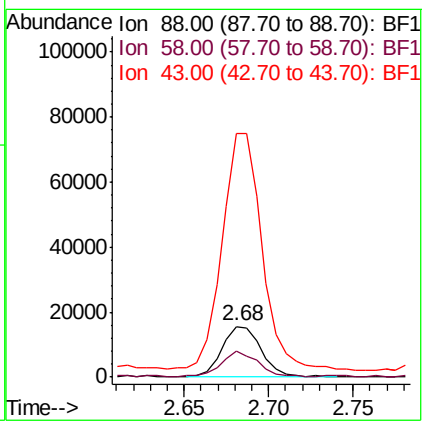
Manual Integrations APPROVED
Sohil
1/8/2019 11:20:47 AM

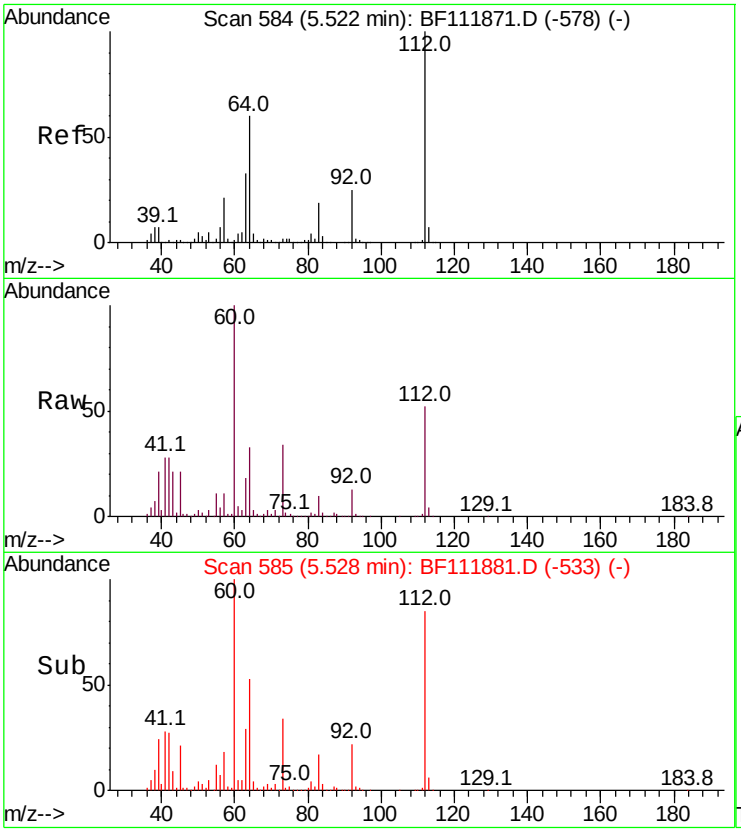


#2
1,4-Dioxane
Concen: 6.938 ng
RT: 2.68 min Scan# 101
Delta R.T. -0.00 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

Tgt Ion: 88 Resp: 25121

Ion	Ratio	Lower	Upper
88	100		
58	50.0	67.6	101.4#
43	475.4	29.0	43.6#

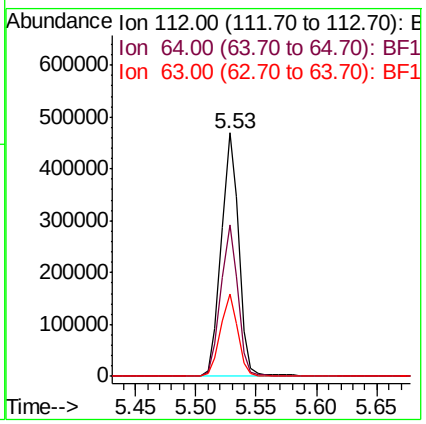




#5
2-Fluorophenol
Concen: 56.889 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

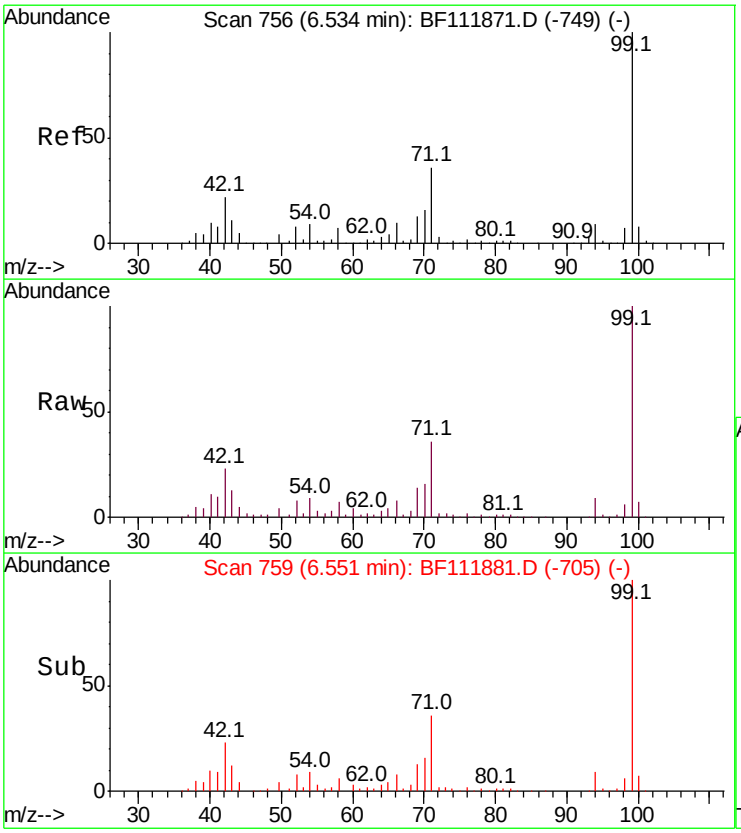
Tgt Ion:112 Resp: 471099

Ion	Ratio	Lower	Upper
112	100		
64	62.4	48.3	72.5
63	33.7	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
COMP-2-DRUM

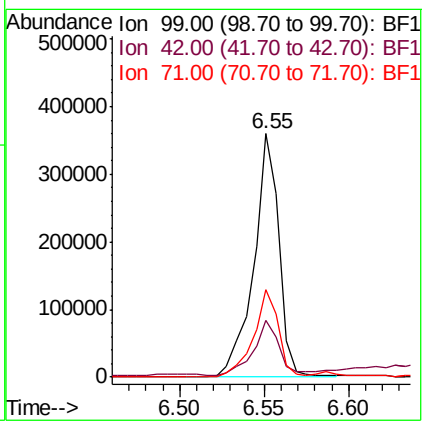
Manual Integrations APPROVED
Sohil
1/8/2019 11:20:47 AM

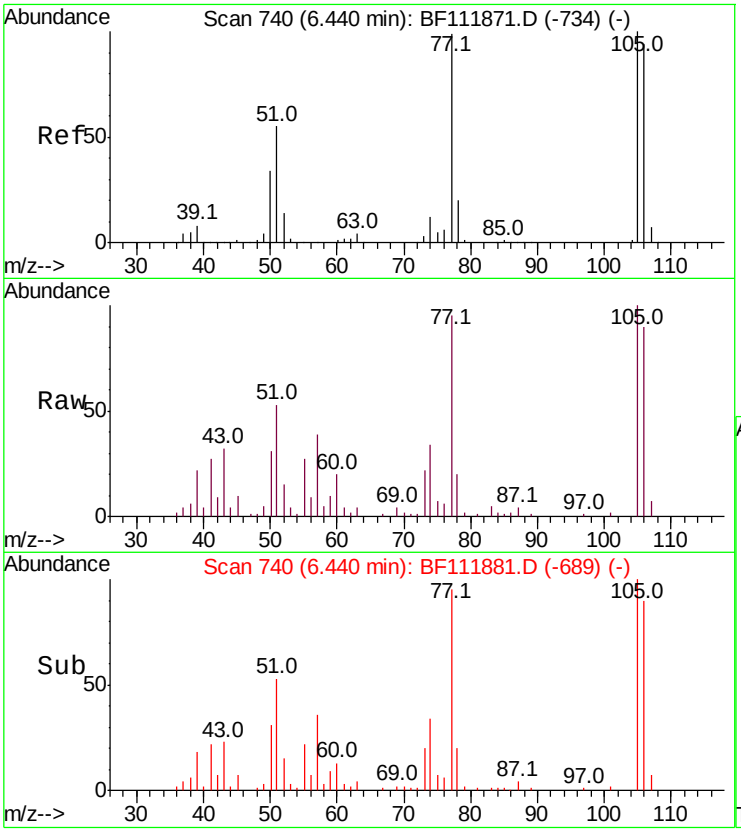


#7
Phenol-d6
Concen: 35.100 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.02 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

Tgt Ion: 99 Resp: 374631

Ion	Ratio	Lower	Upper
99	100		
42	23.4	17.9	26.9
71	35.9	28.7	43.1

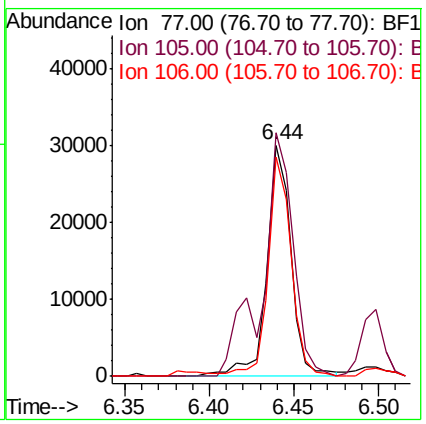




#9
Benzaldehyde
Concen: 3.062 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

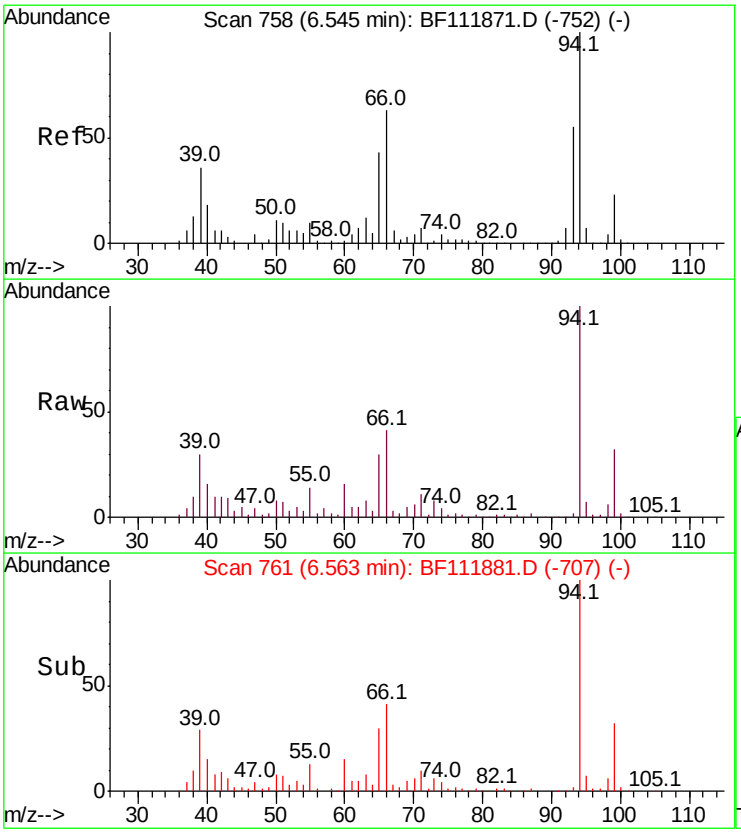
Tgt Ion: 77 Resp: 29766

Ion	Ratio	Lower	Upper
77	100		
105	105.4	80.6	120.6
106	94.8	74.6	114.6



Instrument :
BNA_F
ClientSampleId :
COMP-2-DRUM

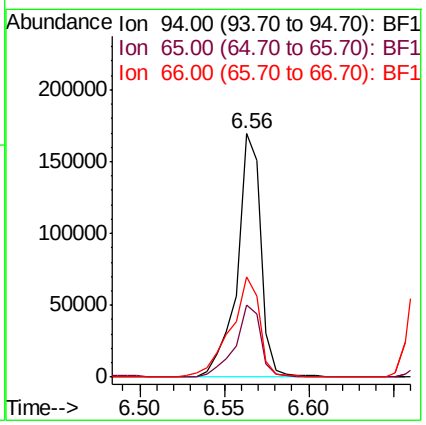
Manual Integrations APPROVED
Sohil
1/8/2019 11:20:47 AM

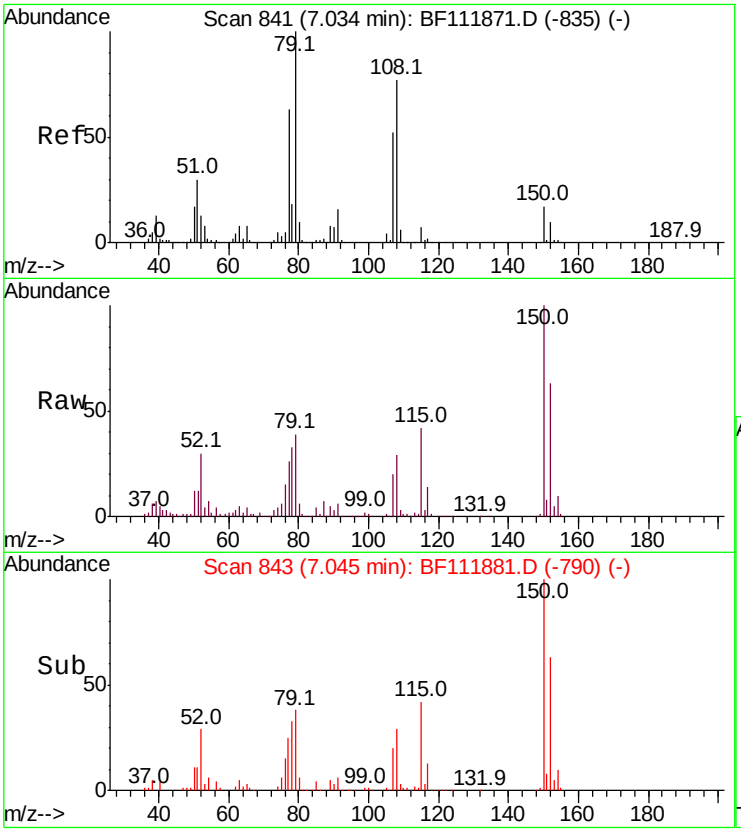


#10
Phenol
Concen: 14.320 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.02 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

Tgt Ion: 94 Resp: 166120

Ion	Ratio	Lower	Upper
94	100		
65	29.9	22.8	62.8
66	41.2	43.3	83.3#

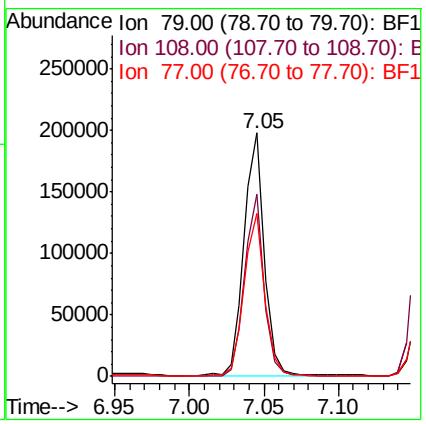




#15
Benzyl Alcohol
Concen: 22.353 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

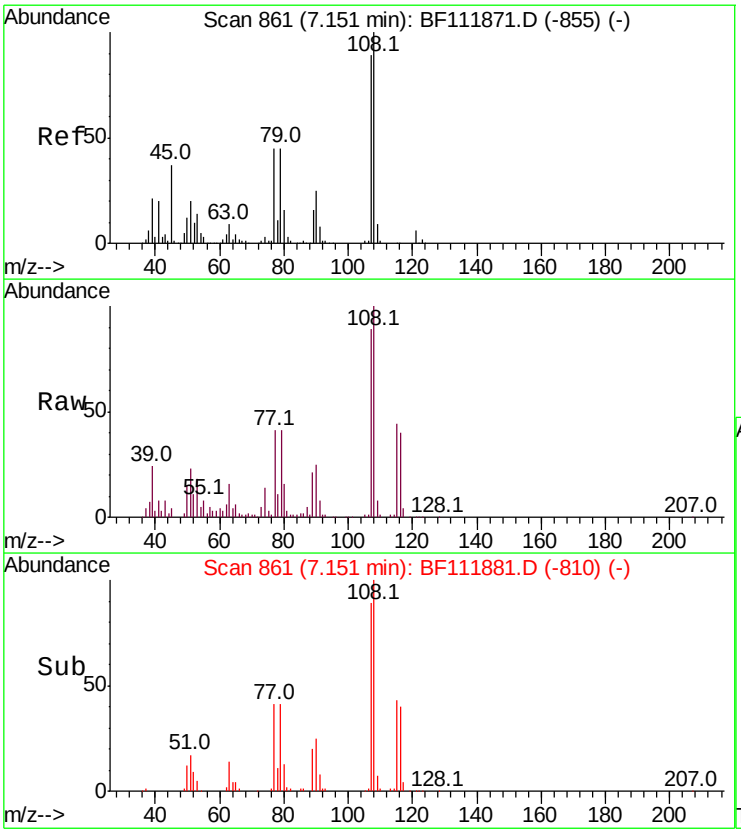
Tgt Ion: 79 Resp: 188763

Ion	Ratio	Lower	Upper
79	100		
108	75.1	61.4	92.0
77	66.8	50.4	75.6



Instrument :
BNA_F
ClientSampleId :
COMP-2-DRUM

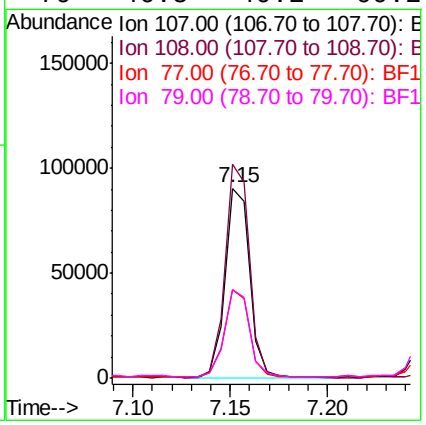
Manual Integrations APPROVED
Sohil
1/8/2019 11:20:47 AM

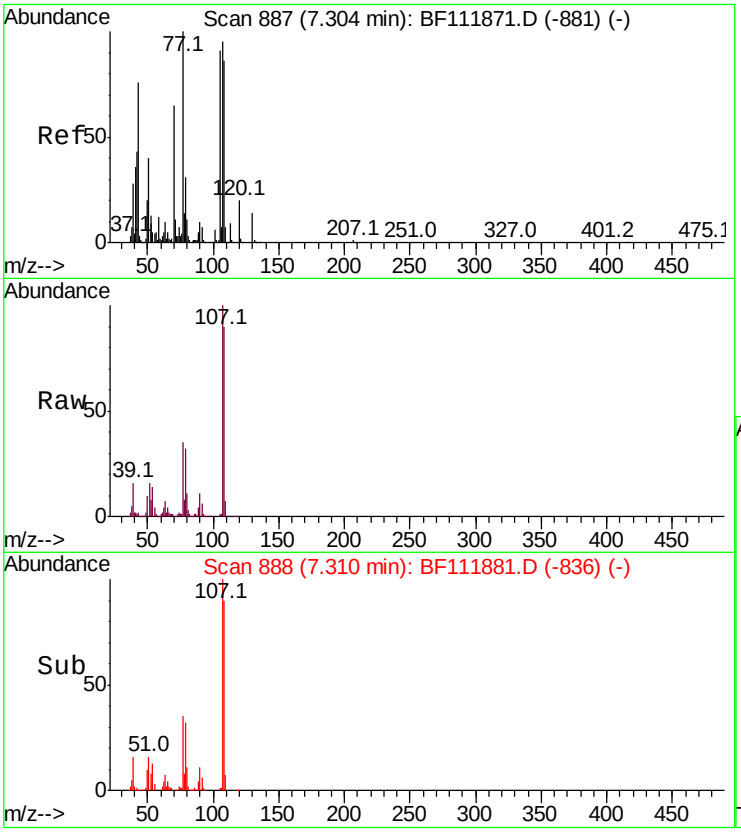


#17
2-Methylphenol
Concen: 10.776 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

Tgt Ion:107 Resp: 79641

Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.7	134.5
77	46.2	40.6	60.8
79	46.5	40.2	60.2

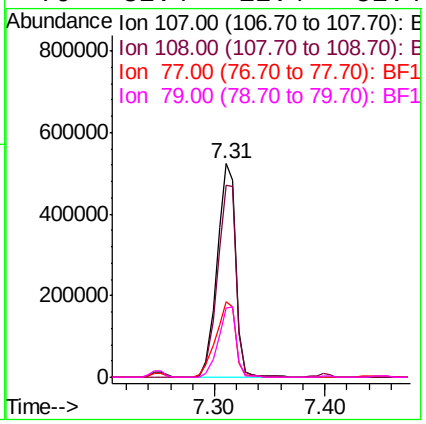




#20
3+4-Methylphenols
Concen: 65.938 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

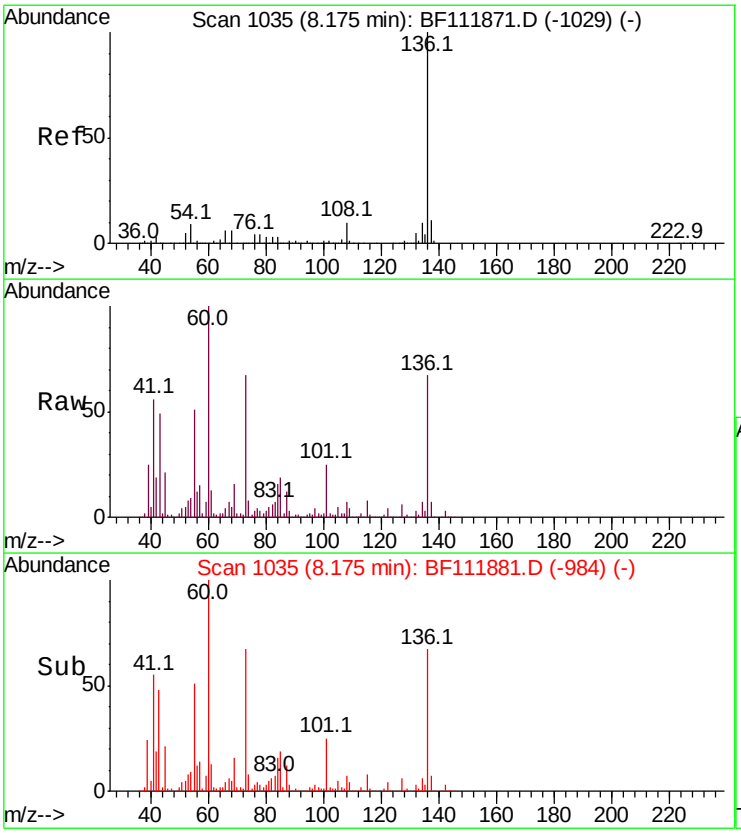
Tgt Ion:107 Resp: 606472

Ion	Ratio	Lower	Upper
107	100		
108	90.2	71.1	111.1
77	35.2	85.4	125.4#
79	32.4	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
COMP-2-DRUM

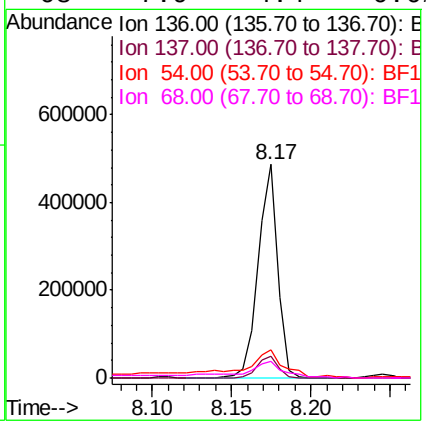
Manual Integrations APPROVED
Sohil
1/8/2019 11:20:47 AM

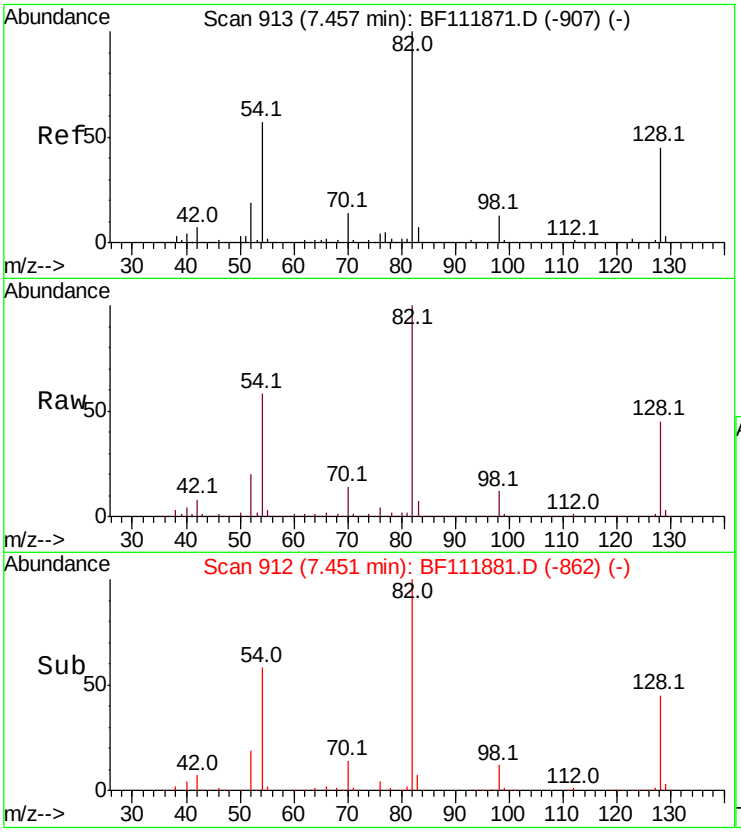


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

Tgt Ion:136 Resp: 420626

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.1	13.7
54	13.0	7.2	10.8#
68	7.9	4.4	6.6#

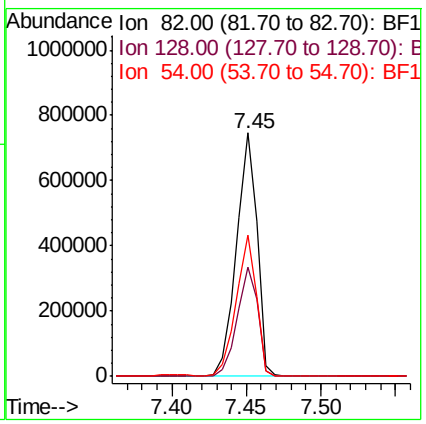




#23
Nitrobenzene-d5
Concen: 91.141 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

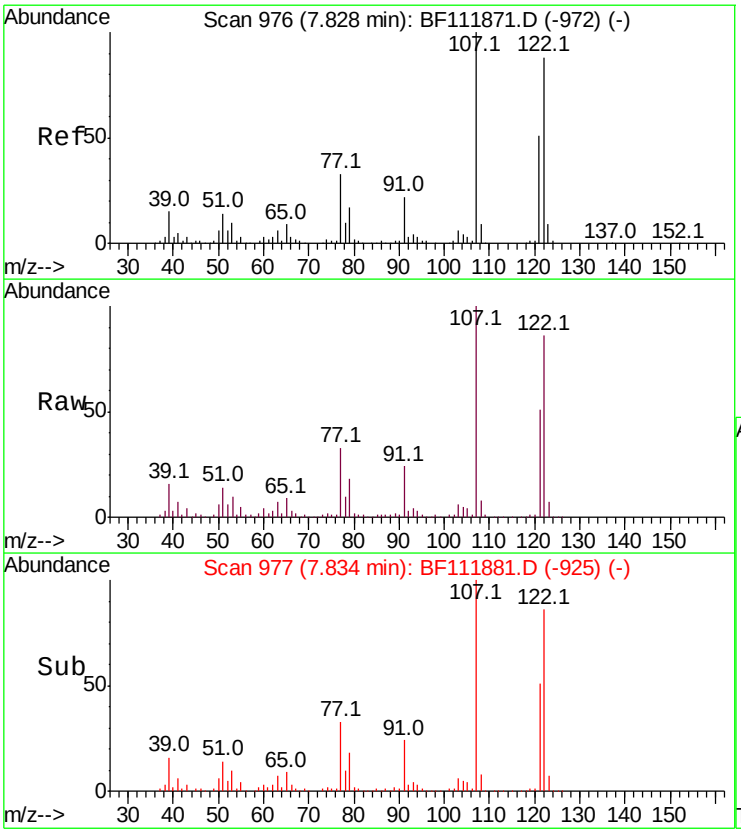
Tgt Ion: 82 Resp: 717301

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	58.1	45.8	68.8



Instrument :
BNA_F
ClientSampleId :
COMP-2-DRUM

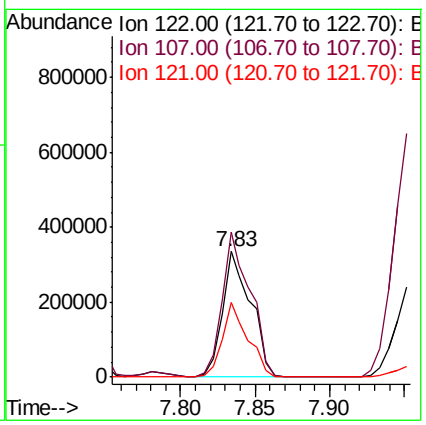
Manual Integrations APPROVED
Sohil
1/8/2019 11:20:47 AM

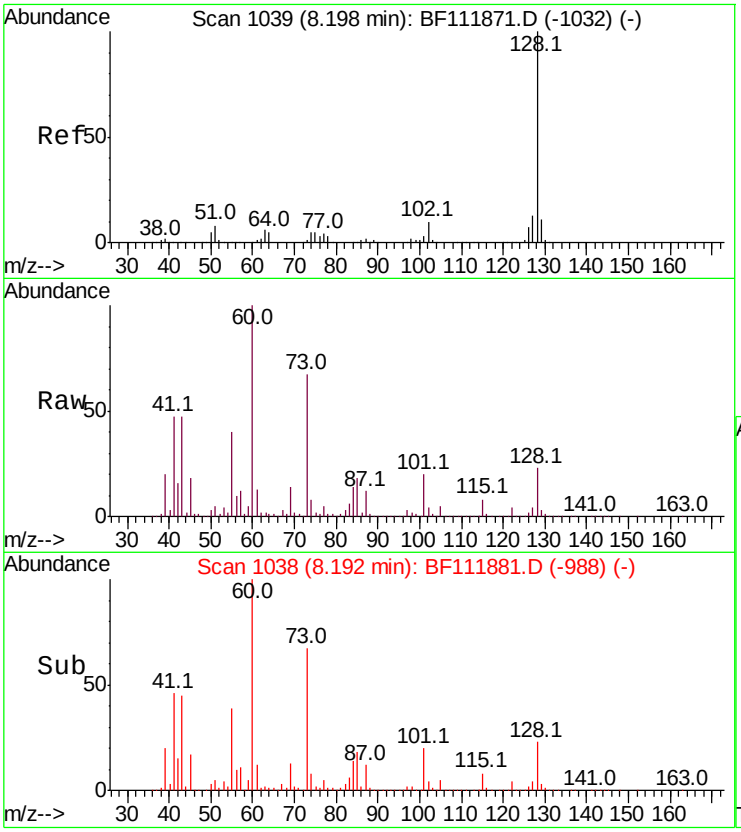


#27
2,4-Dimethylphenol
Concen: 78.743 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

Tgt Ion:122 Resp: 446309

Ion	Ratio	Lower	Upper
122	100		
107	115.6	91.0	136.6
121	59.5	46.8	70.2

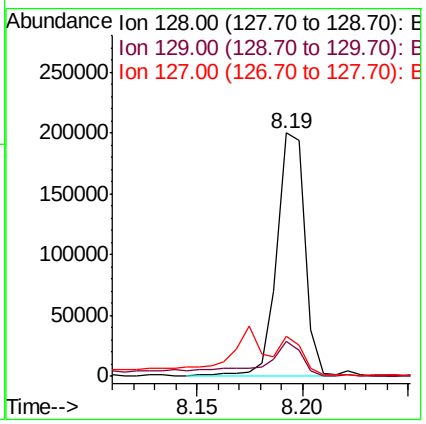




#31
Naphthalene
Concen: 9.144 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

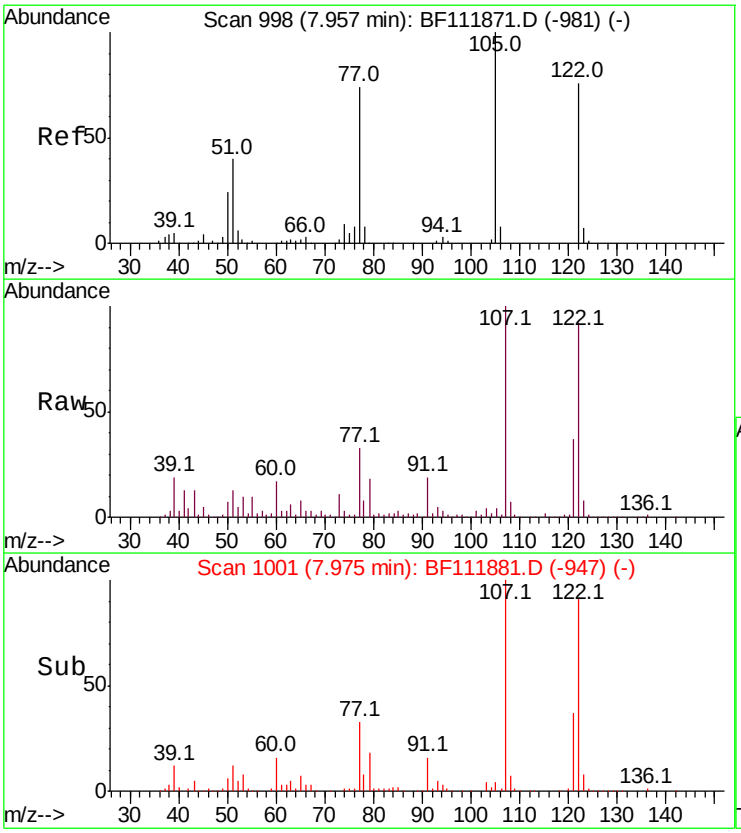
Tgt Ion:128 Resp: 182583

Ion	Ratio	Lower	Upper
128	100		
129	14.3	9.0	13.4#
127	16.3	10.7	16.1#



Instrument :
BNA_F
ClientSampleId :
COMP-2-DRUM

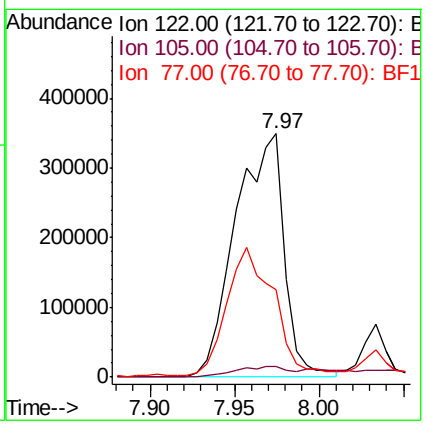
Manual Integrations APPROVED
Sohil
1/8/2019 11:20:47 AM

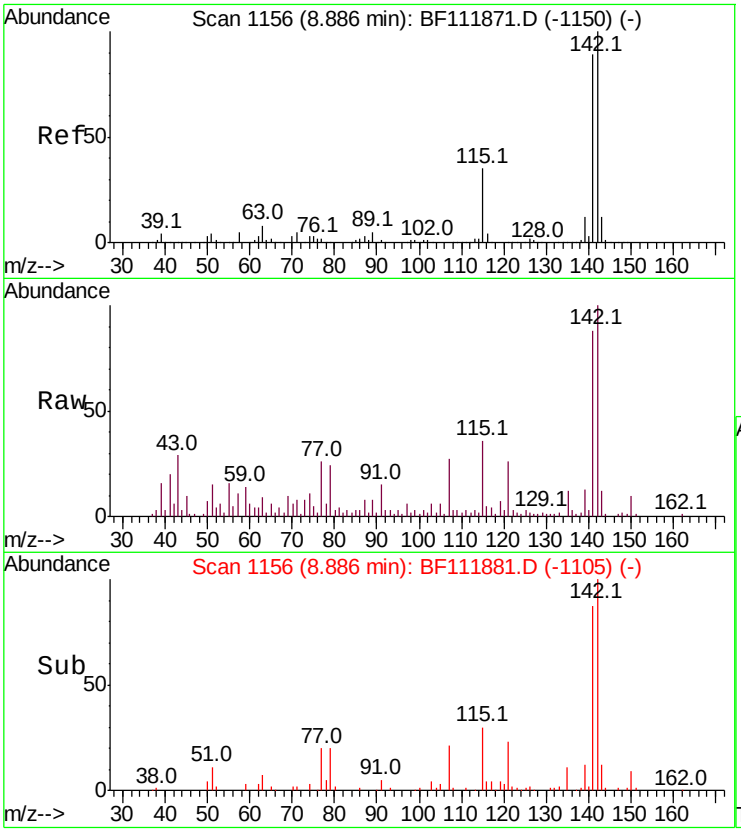


#32
Benzoic acid
Concen: 190.034 ng m
RT: 7.97 min Scan# 1001
Delta R.T. 0.02 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

Tgt Ion:122 Resp: 698972

Ion	Ratio	Lower	Upper
122	100		
105	4.6	107.9	147.9#
77	35.9	76.6	116.6#

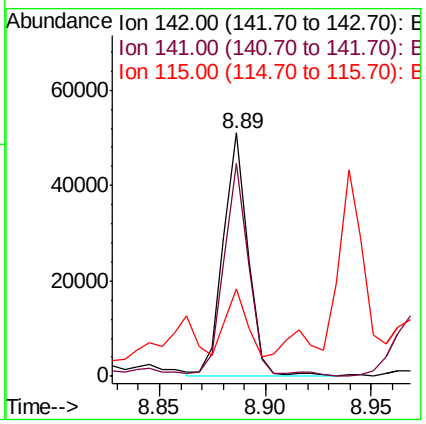




#37
2-Methylnaphthalene
Concen: 3.352 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

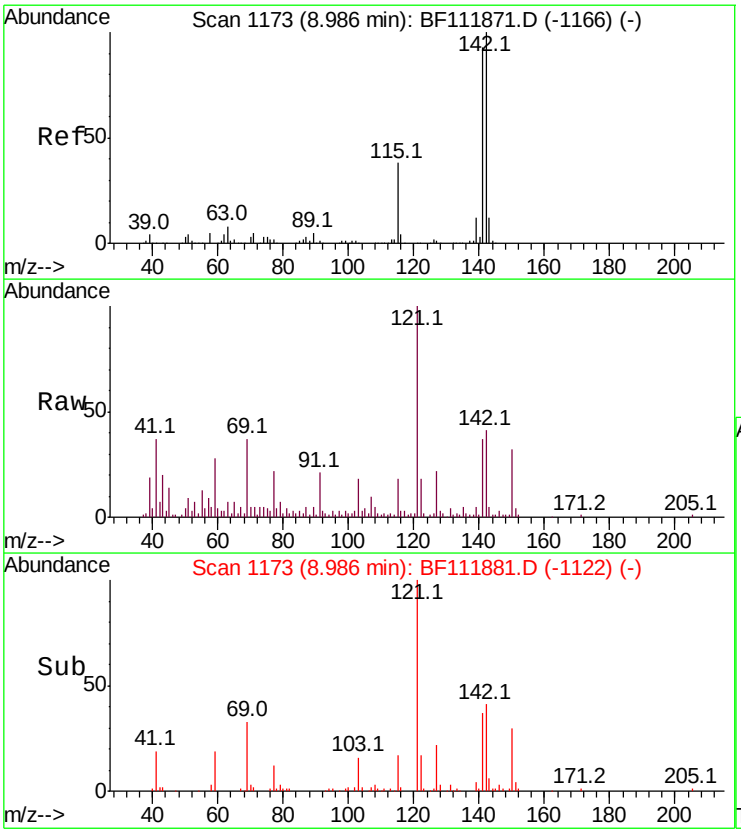
Tgt Ion:142 Resp: 41472

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.4	107.2
115	36.1	28.3	42.5



Instrument :
BNA_F
ClientSampleId :
COMP-2-DRUM

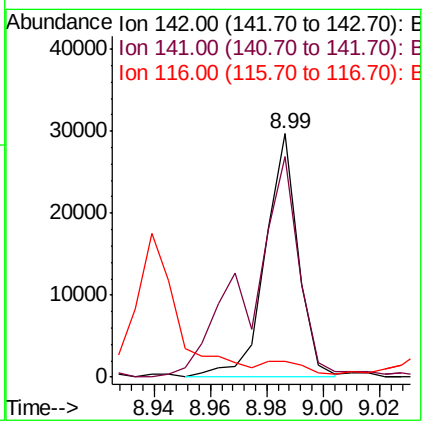
Manual Integrations APPROVED
Sohil
1/8/2019 11:20:47 AM

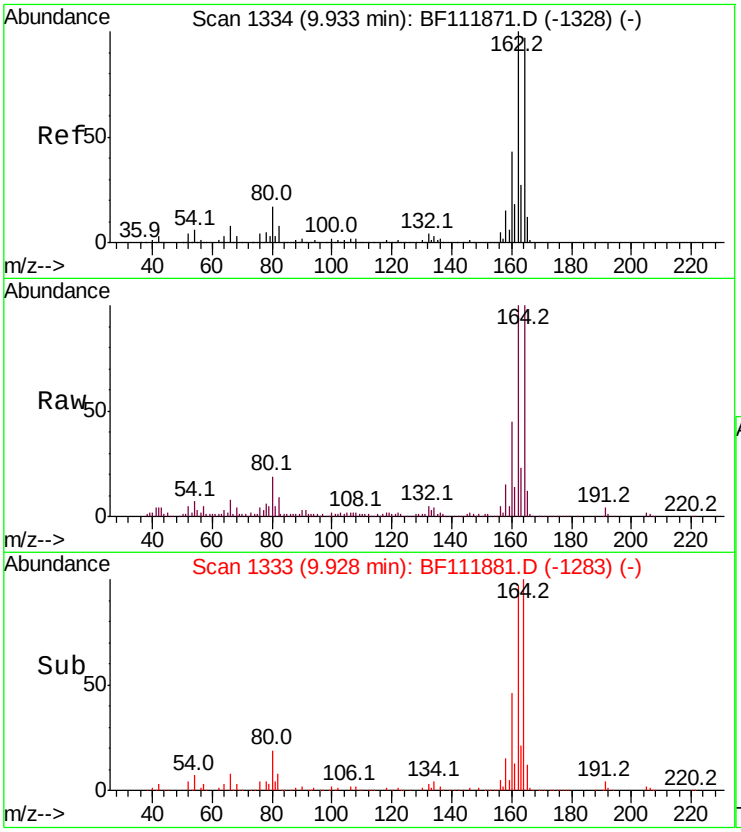


#38
1-Methylnaphthalene
Concen: 2.020 ng m
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

Tgt Ion:142 Resp: 23969

Ion	Ratio	Lower	Upper
142	100		
141	90.4	74.8	112.2
116	6.3	3.1	4.7#

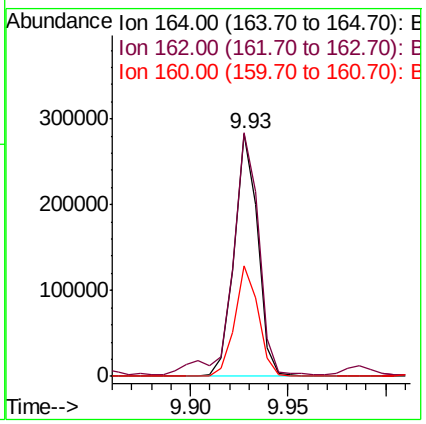




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

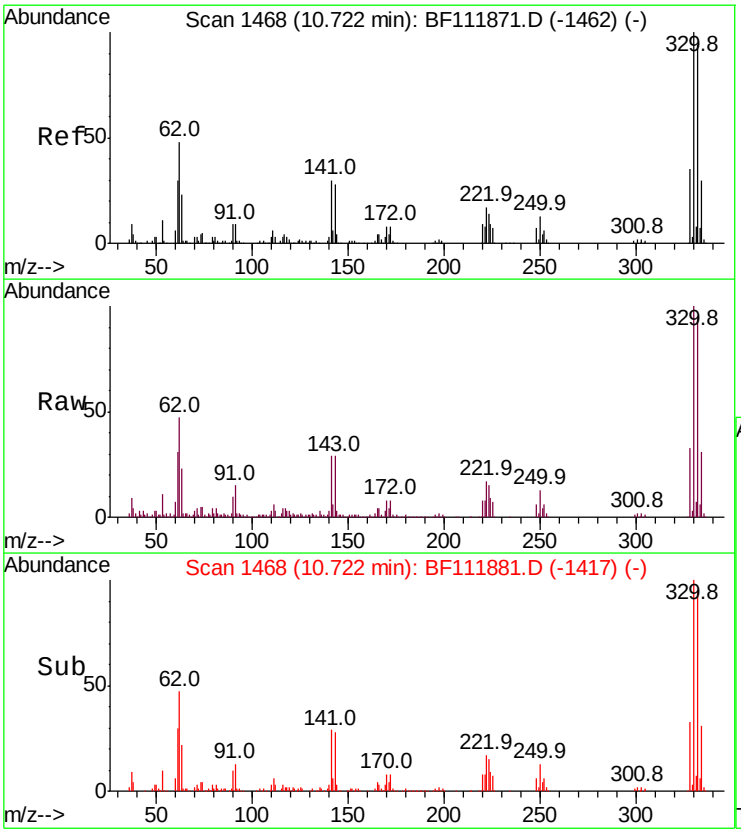
Tgt Ion:164 Resp: 234356

Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.2	123.2
160	45.5	35.5	53.3



Instrument :
BNA_F
ClientSampleId :
COMP-2-DRUM

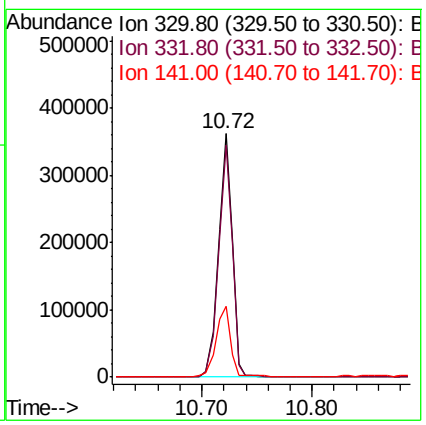
Manual Integrations APPROVED
Sohil
1/8/2019 11:20:47 AM

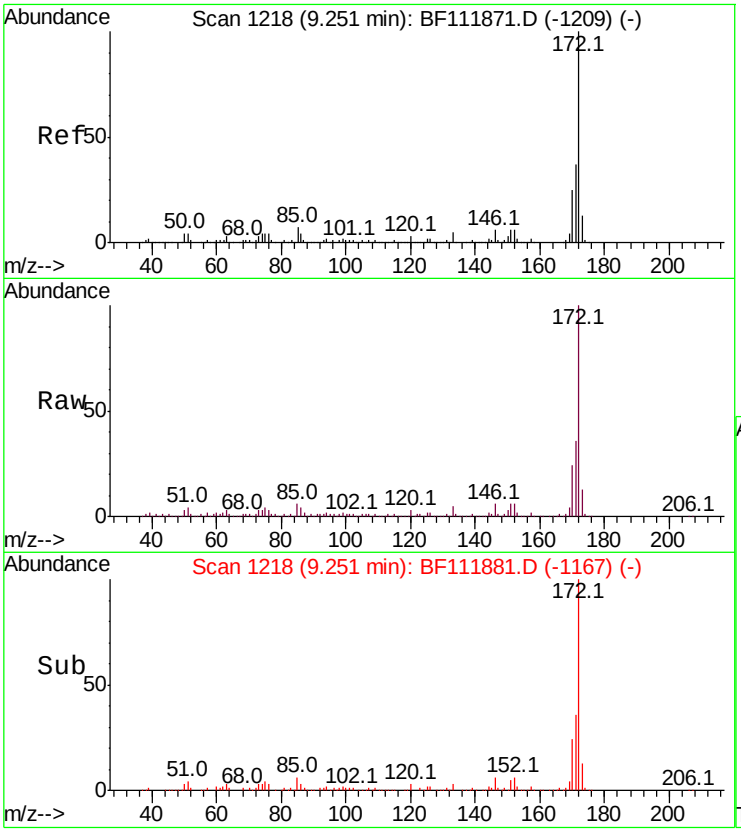


#42
2,4,6-Tribromophenol
Concen: 103.365 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

Tgt Ion:330 Resp: 315083

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.9	115.3
141	30.3	23.7	35.5

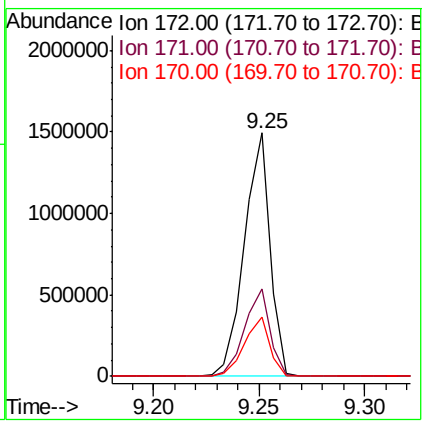




#45
2-Fluorobiphenyl
Concen: 78.612 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

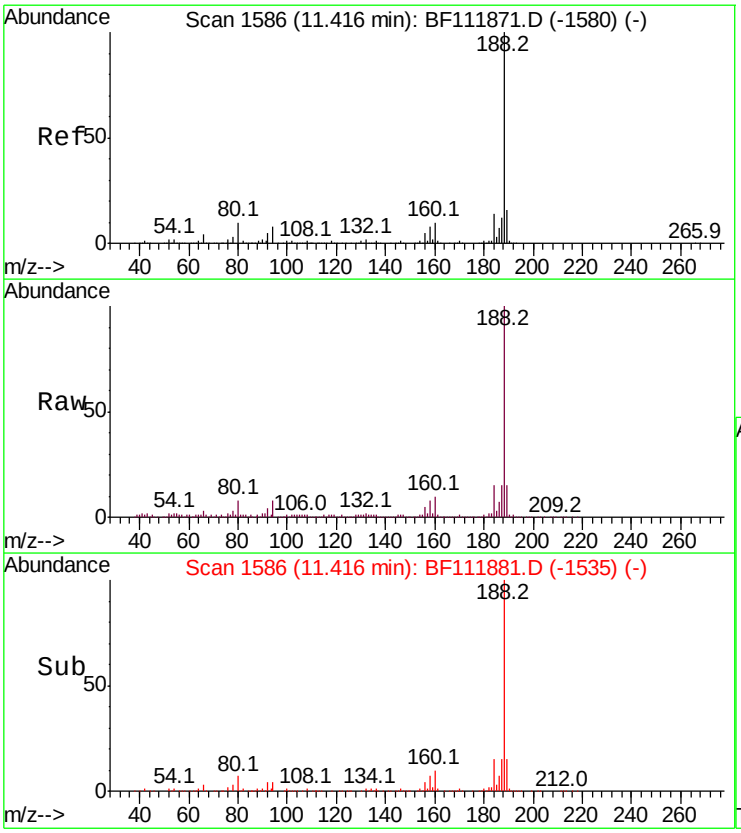
Tgt Ion:172 Resp: 1263415

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.4	19.8	29.8



Instrument :
BNA_F
ClientSampleId :
COMP-2-DRUM

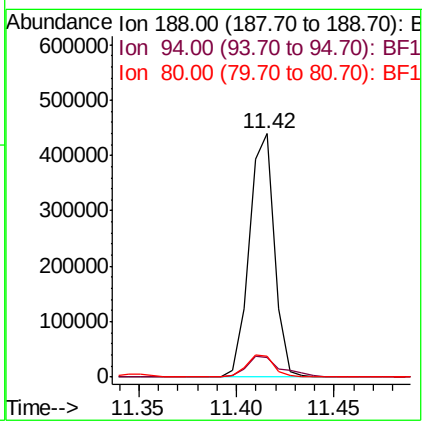
Manual Integrations APPROVED
Sohil
1/8/2019 11:20:47 AM

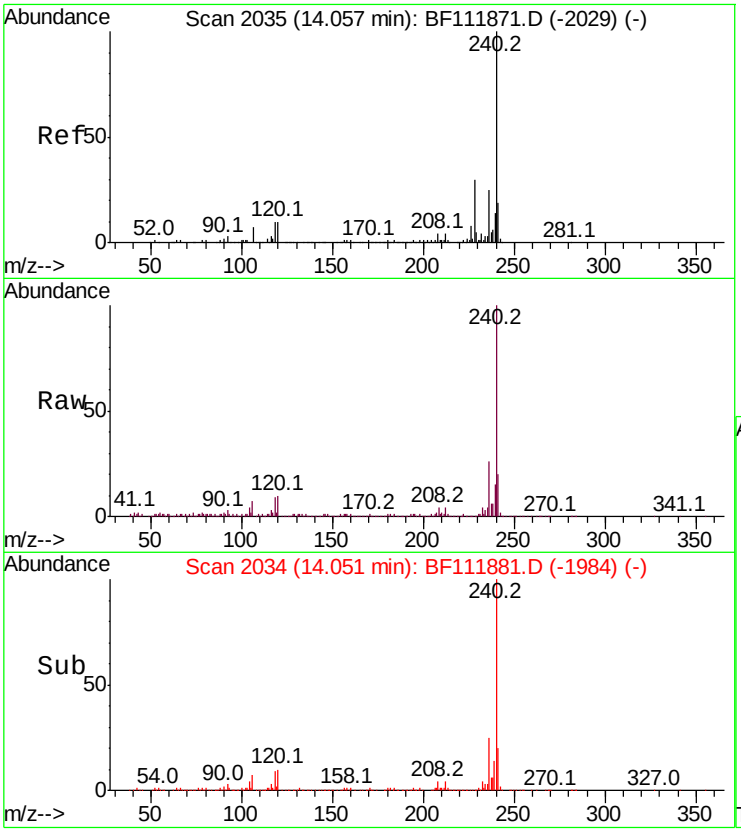


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

Tgt Ion:188 Resp: 389009

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.6	10.0
80	8.4	7.7	11.5

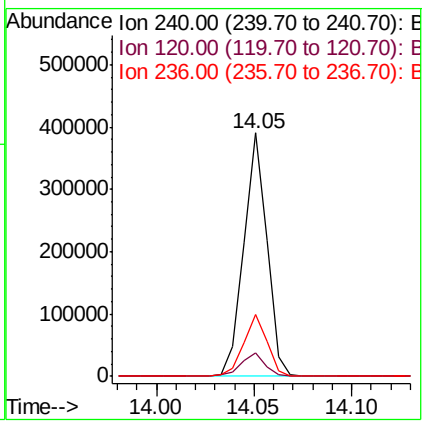




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

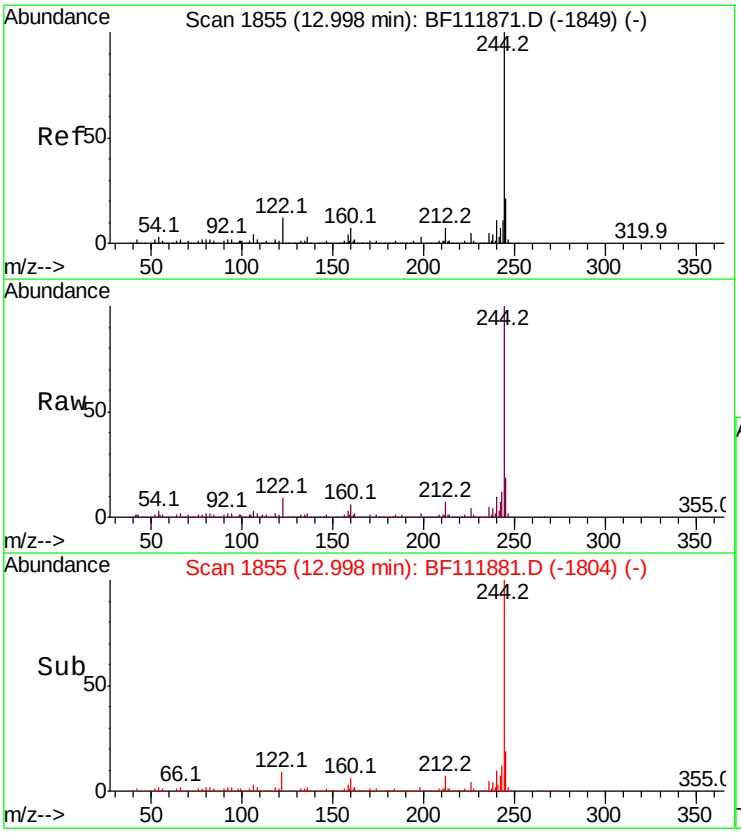
Tgt Ion:240 Resp: 322763

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.2	12.2
236	25.5	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
COMP-2-DRUM

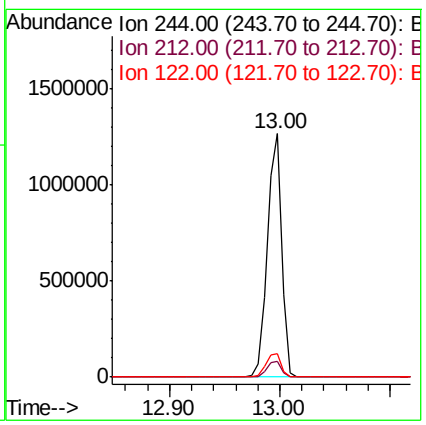
Manual Integrations APPROVED
Sohil
1/8/2019 11:20:47 AM

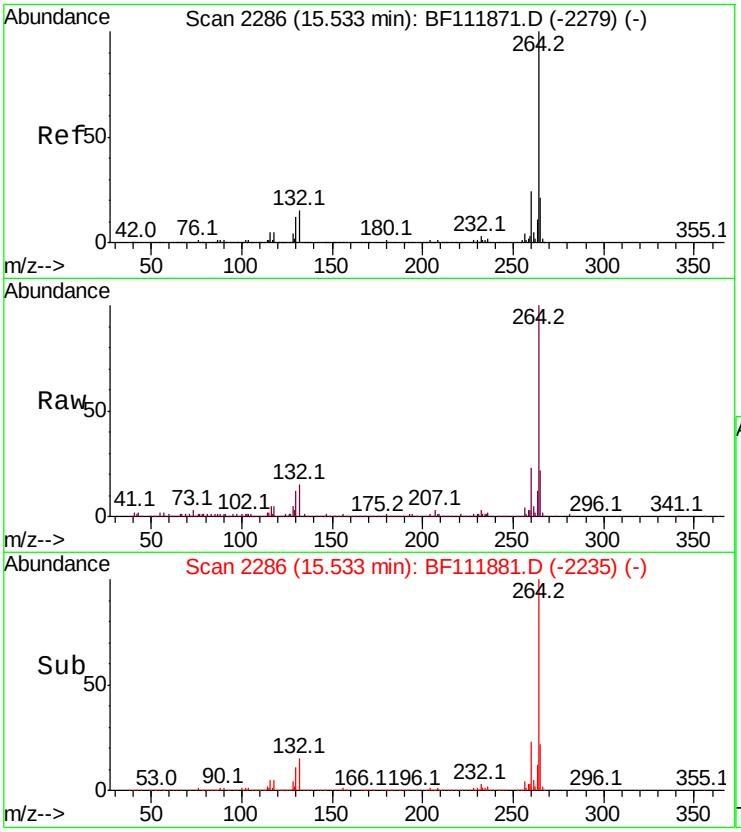


#79
Terphenyl-d14
Concen: 67.633 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

Tgt Ion:244 Resp: 1149998

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	9.5	9.5	14.3#

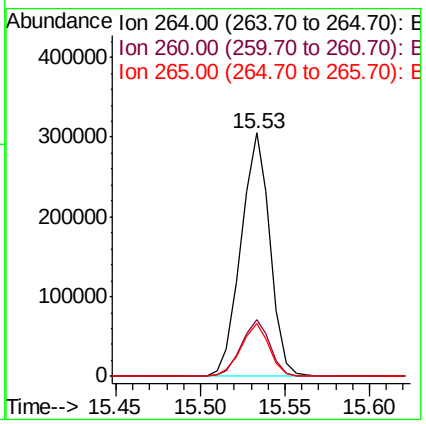




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF111881.D
Acq: 7 Jan 2019 17:26

Tgt Ion:264 Resp: 365697

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.9	17.1	25.7



Instrument :
BNA_F
ClientSampleId :
COMP-2-DRUM

Manual Integrations APPROVED
Sohil
1/8/2019 11:20:47 AM